Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search Overview

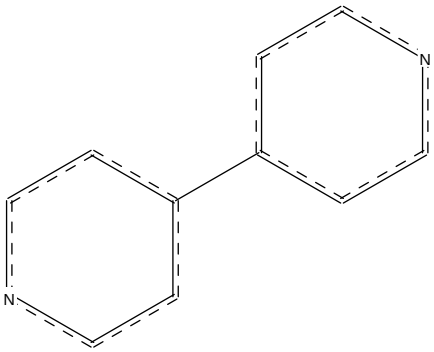
Search:	search1
Date/Time done:	Thu May 26 10:05:42 2011
Database(s):	CSD version 5.32 (November 2010) CSD version 5.32 updates (Nov 2010)
Restriction Info:	No refcode restrictions applied
Filters:	None
Percentage Completed:	100%
Number of Hits:	3167

Summary of queries used. Search found structures that:

match

Query 1 **Query 2**

Query 1



Query 2

4M

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1

ABIXAL

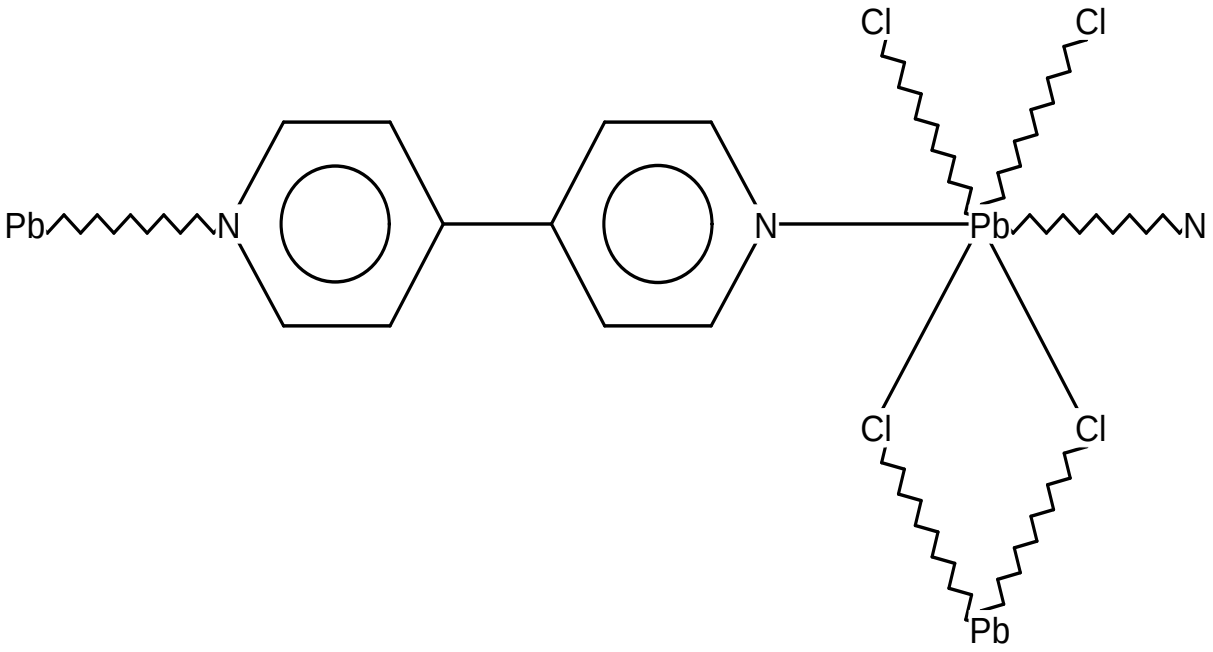
Reference: K.J.Nordell, K.N.Schultz, K.A.Higgins, M.D.Smith (2004) *Polyhedron ,***23,**2161

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-chloro)-lead(ii))

Space Group:	P-1	***Cell:***	***a***	3.981(0)	***b***	11.956(1)	***c***	12.375(1)
Space Group No.:	2	***(Å,°)***	α	93.53(0)	β	92.74(0)	γ	94.48(0)

R-Factor (%): 3.28 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 2.464



Search: search1 (Thu May 26 10:05:42 2011): Hit 2

ABIXAL01

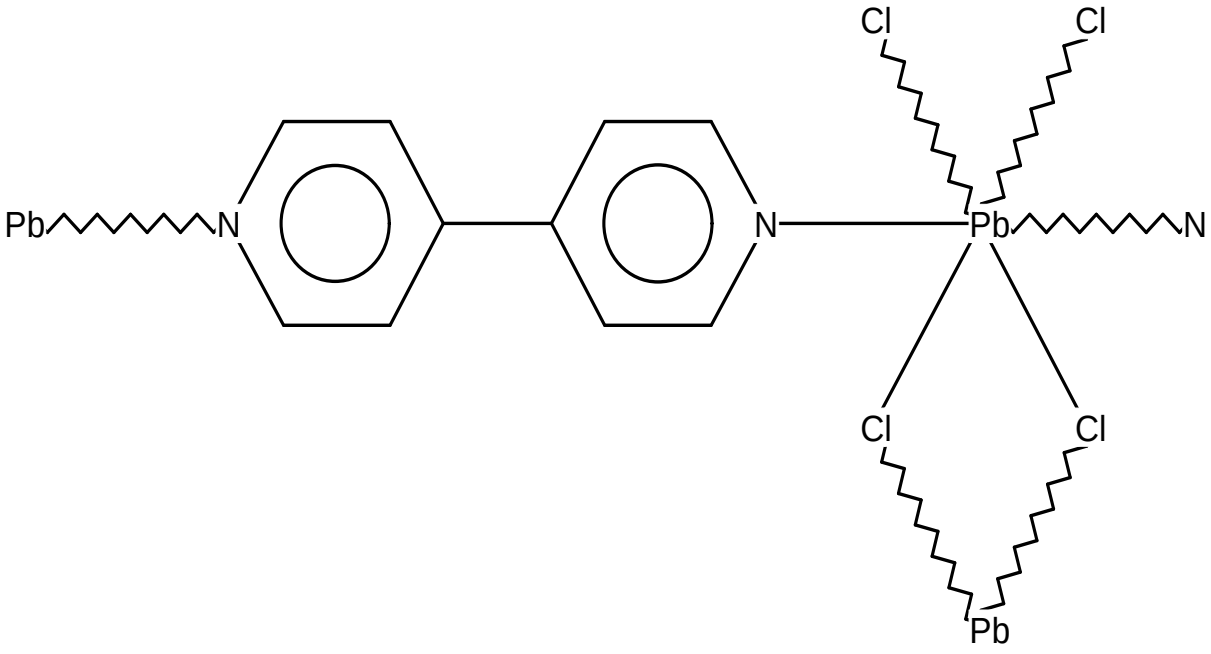
Reference: Chunhua Hu, U.Englert (2006) *Angew.Chem.,Int.Ed.* ,3457

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-chloro)-lead(ii))

Space Group:	P-1	***Cell:***	***a***	3.949(1)	***b***	11.853(4)	***c***	12.324(4)
Space Group No.:	2	***(Å,°)***	α	94.09(0)	β	93.20(0)	γ	93.40(0)

R-Factor (%): 6.76 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 2.516



Search: search1 (Thu May 26 10:05:42 2011): Hit 3

ABIXAL02

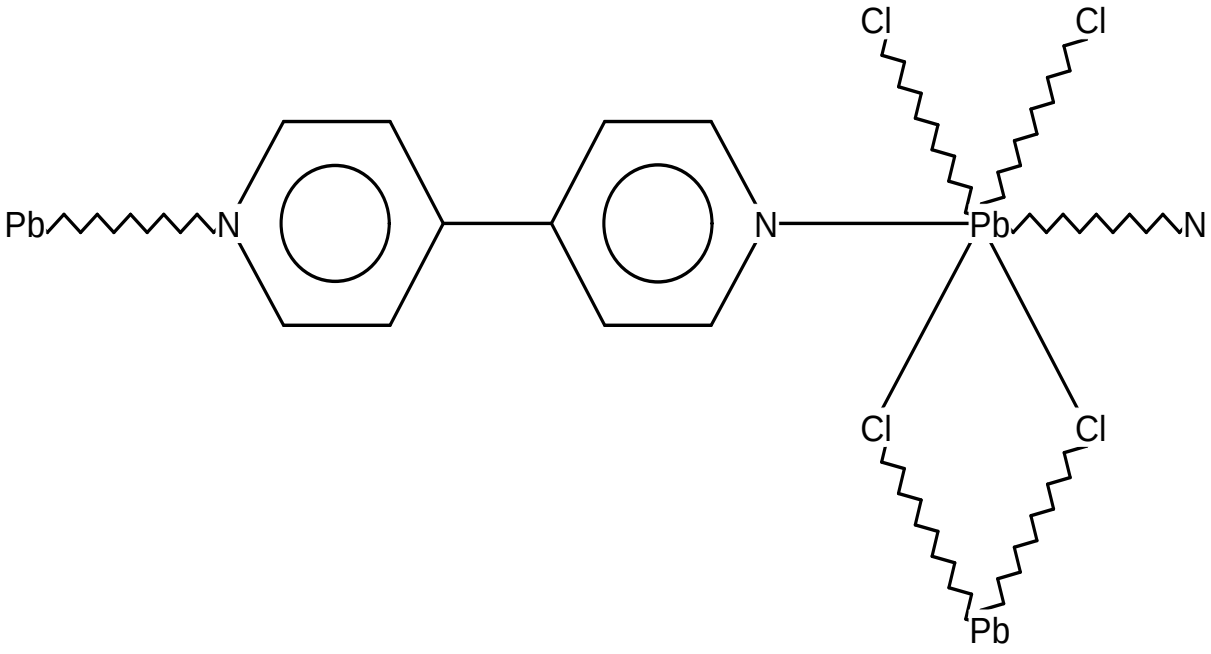
Reference: Chunhua Hu, U.Englert (2006) *Angew.Chem.,Int.Ed.* ,3457

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-chloro)-lead(ii))

Space Group:	C2/m	***Cell:***	***a***	11.788(0)	***b***	12.386(1)	***c***	4.111(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	95.22(0)	γ	90.00

R-Factor (%): 3.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.413



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 4

ABIXAL03

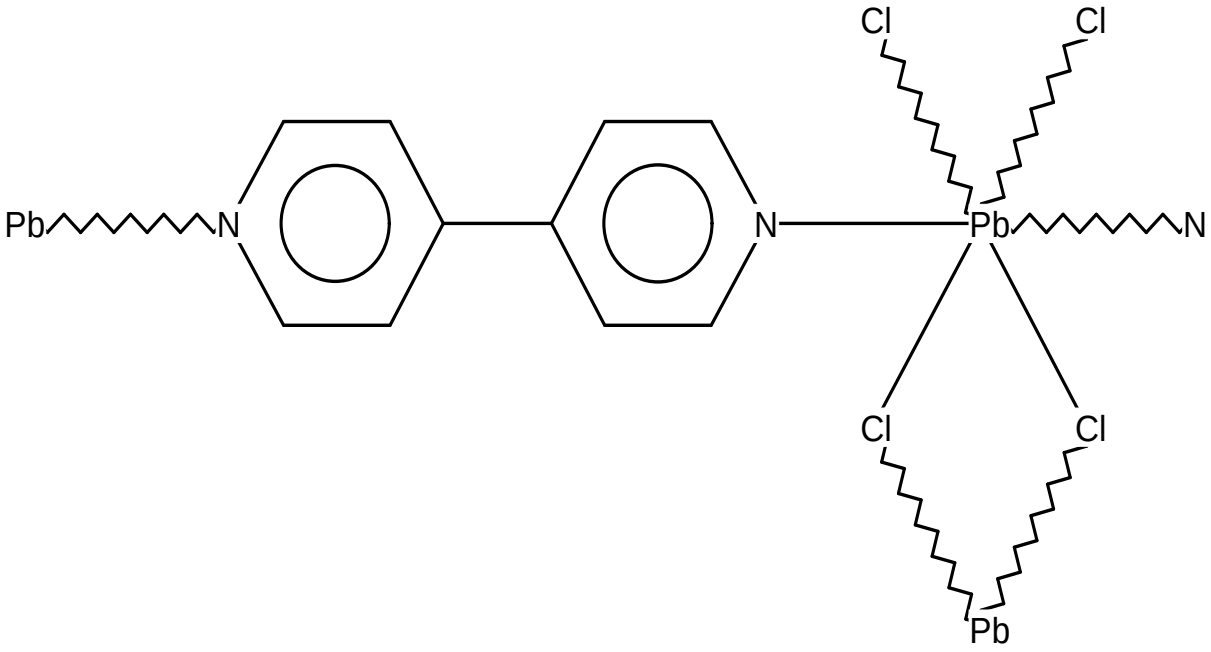
Reference: Chunhua Hu, U.Englert (2006) *Angew.Chem.,Int.Ed.* ,3457

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-chloro)-lead(ii))

Space Group:	Cmmm	***Cell:***	***a***	12.333(2)	***b***	12.265(1)	***c***	4.099(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.52 ***Temperature(K):*** 450 ***Density(g/cm^3):*** 2.326



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 5

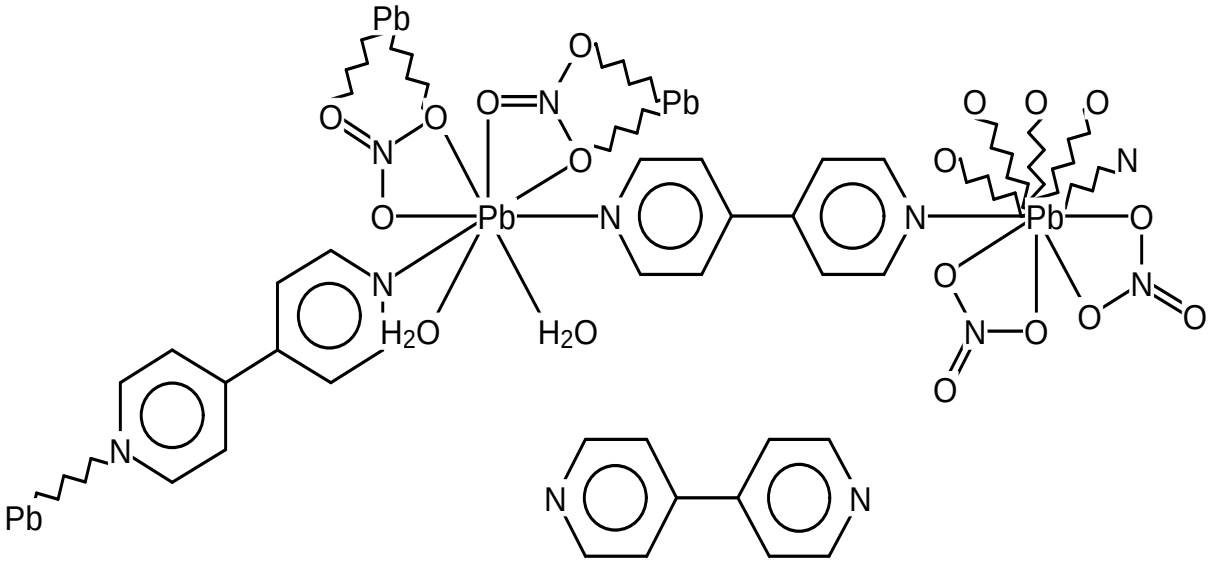
ABIXEP

Reference: K.J.Nordell, K.N.Schultz, K.A.Higgins, M.D.Smith (2004) *Polyhedron ,***23,**2161

Formula: $(C_{20}\ H_{20}\ N_8\ O_{14}\ Pb_2)n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-nitrato-O,O,O',O'')-diaqua-bis(nitrato-O,O')-di-lead(ii) bis(4,4'-bipyridyl))

Space Group:	P21/c	***Cell:***	***a***	19.047(1)	***b***	8.154(0)	***c***	29.083(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.18(0)	γ	90.00
R-Factor (%):	5.39	***Temperature(K):***	294		***Density(g/cm^3):***	1.946		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 6

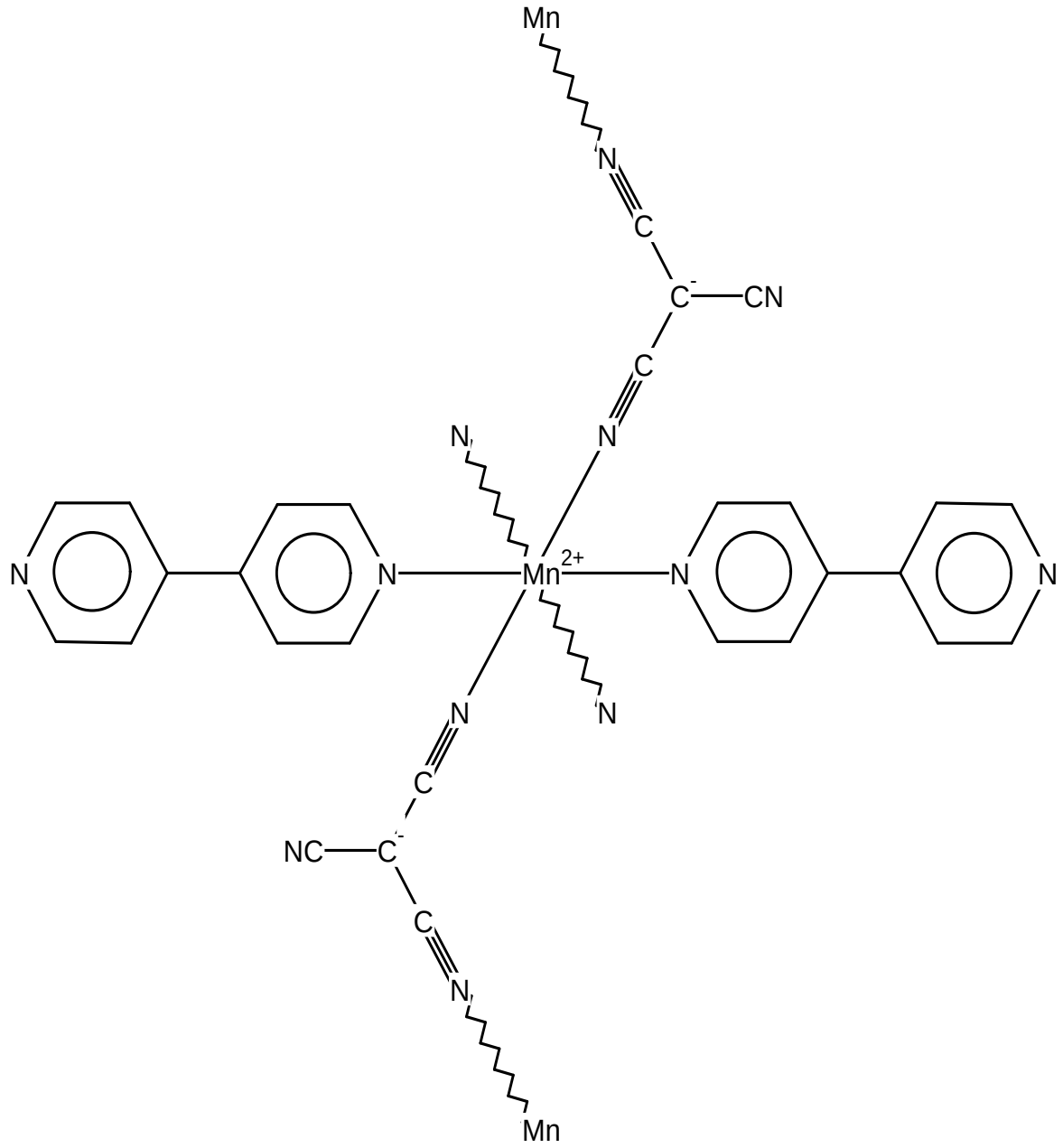
ABUSOG

Reference: J.L.Manson, J.A.Schlueter (2004) *Inorg.Chim.Acta* ,**357,** 3975

Formula: $(C_{28}\ H_{16}\ Mn_1\ N_{10})n$

Compound Name: catena-(bis(μ_2-Tricyanomethanide-N,N')-bis(4,4'-bipyridine-N)-manganese(ii))

Space Group:	P21/c	***Cell:***	***a***	14.013(1)	***b***	12.087(1)	***c***	7.546(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.87(0)	γ	90.00
R-Factor (%):	7.28	***Temperature(K):***	295		***Density(g/cm^3):***	1.430		



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 7

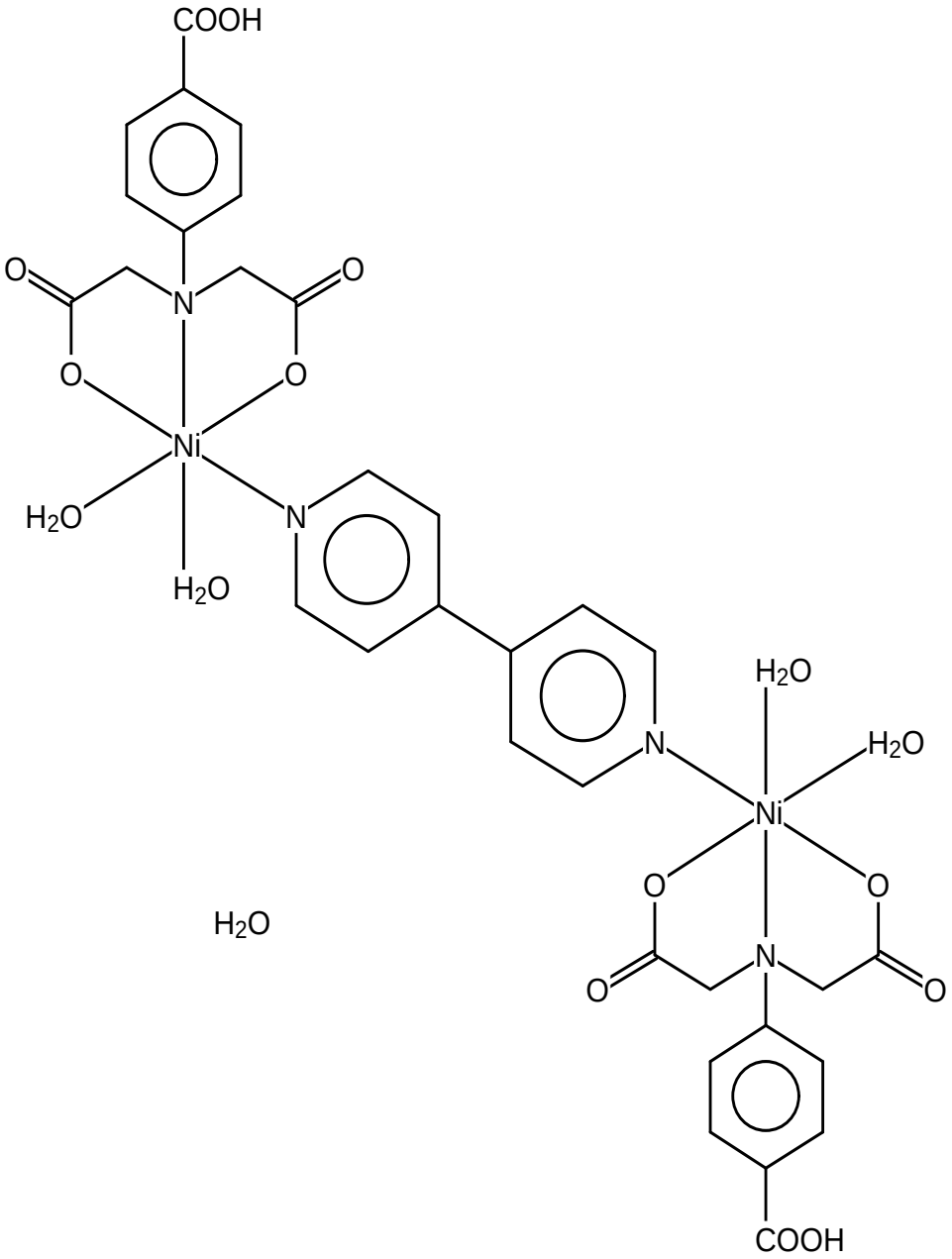
ACABAI

Reference: Guoping Yong, Zhiyong Wang, Jiutong Chen (2004)
*J.Mol.Struct. ,***707,**223

Formula: $C_{32}\ H_{34}\ N_4\ Ni_2\ O_{16}, 2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-bis(N-(4-carboxyphenyl) iminodiacetato-N,O,O')-di-nickel(ii) dihydrate

Space Group:	P21/n	***Cell:***	***a***	7.482(1)	***b***	8.795(1)	***c*** 26.382(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.11(3)	γ 90.00
R-Factor (%):	9.11	***Temperature(K):***	293		***Density(g/cm^3):***		1.701



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 8

ACABEM

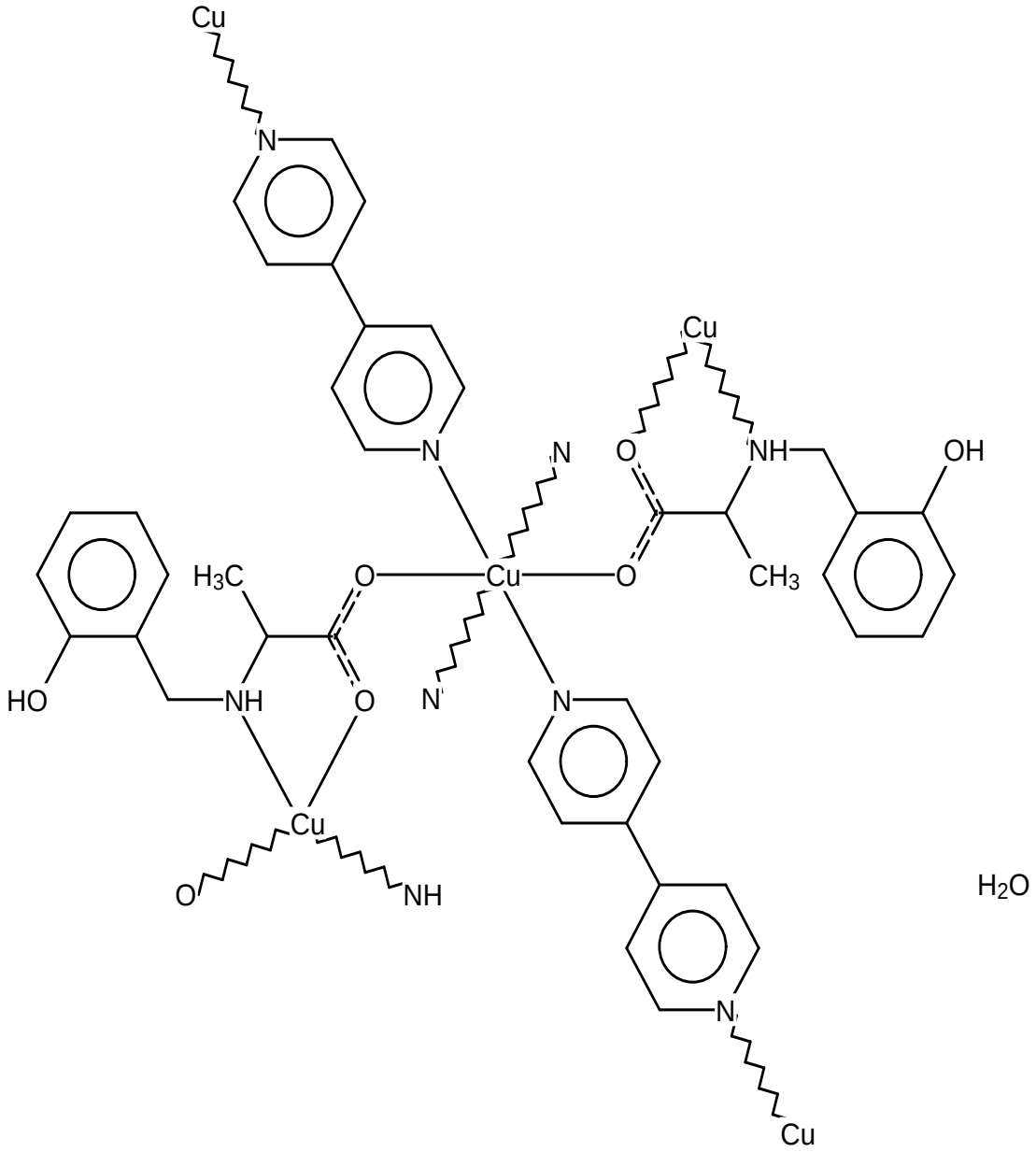
Reference: Ben-Yong Lou, Da-Qiang Yuan, Shui-Ying Gao, Rui-Hu Wang, Ying Xu, Lei Han, Mao-Chun Hong (2004) *J.Mol.Struct.* , **707,**231

Formula: $(C_{40}\ H_{40}\ Cu_2\ N_6\ O_6)n,4.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-N-(2-Hydroxybenzyl)-L-alaninato-N,O,O')-bis(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) hydrate)

Space Group:	P4322	***Cell:***	***a***	11.142(0)	***b***	11.142(0)	***c***	40.507(3)
Space Group No.:	95	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.201



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 9

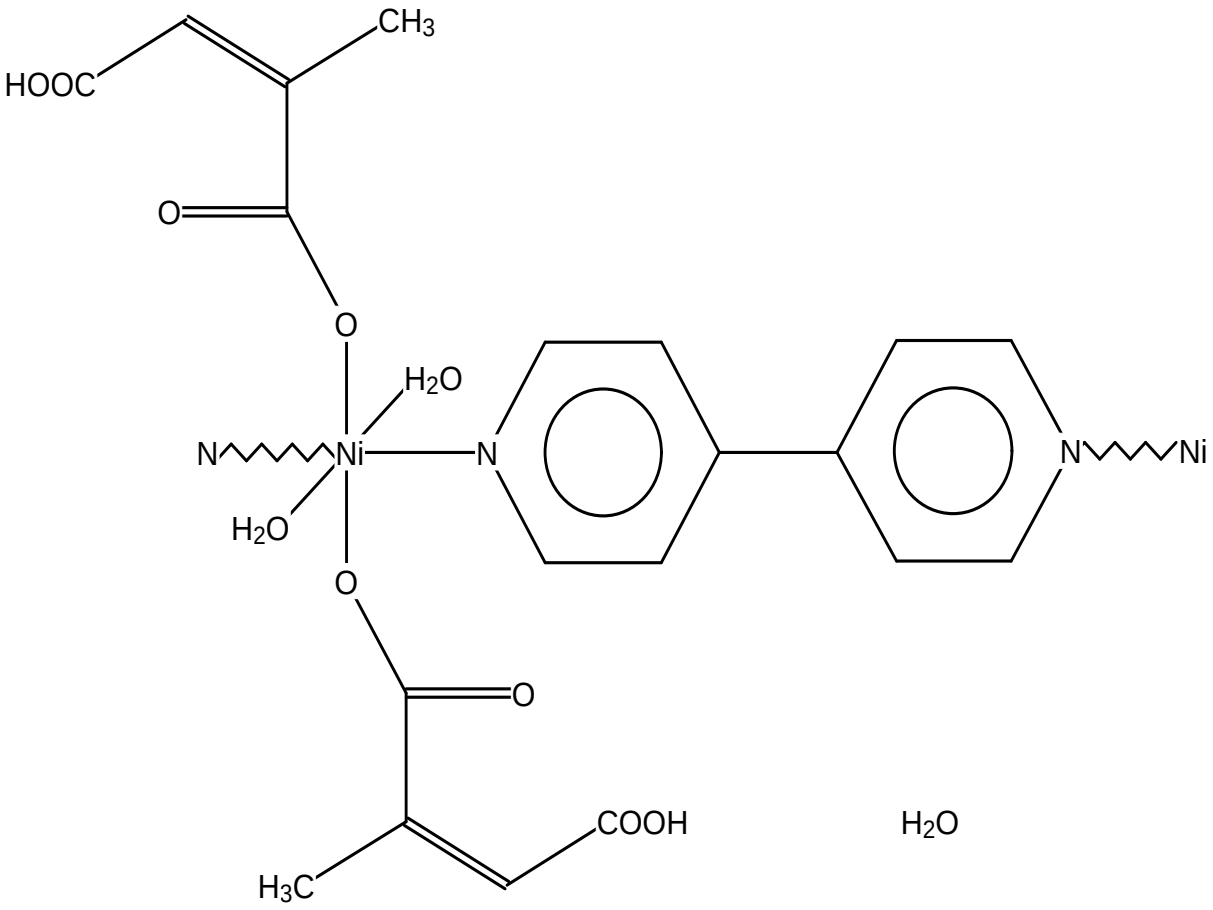
ACEVAF

Reference: Ju-Hsiou Liao, Ching-Ting Su, Che-Chih Hsu (2001)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**57,**m501

Formula: $(C_{20}\ H_{22}\ N_2\ Ni_1\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(Diaqua-(μ_2-4,4'-bipyridine-N,N')-bis(cis-2-methyl-but-2-enedioate-O)-nickel(ii) dihydrate)

Space Group:	P21/n	***Cell:***	***a*** 7.065(1)	***b*** 15.148(3)	***c*** 11.113(2)
Space Group No.:	14	***(Å,°)***	α 90.00	β 98.09(1)	γ 90.00
R-Factor (%):	2.92	***Temperature(K):***	293	***Density(g/cm^3):***	1.538



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 10

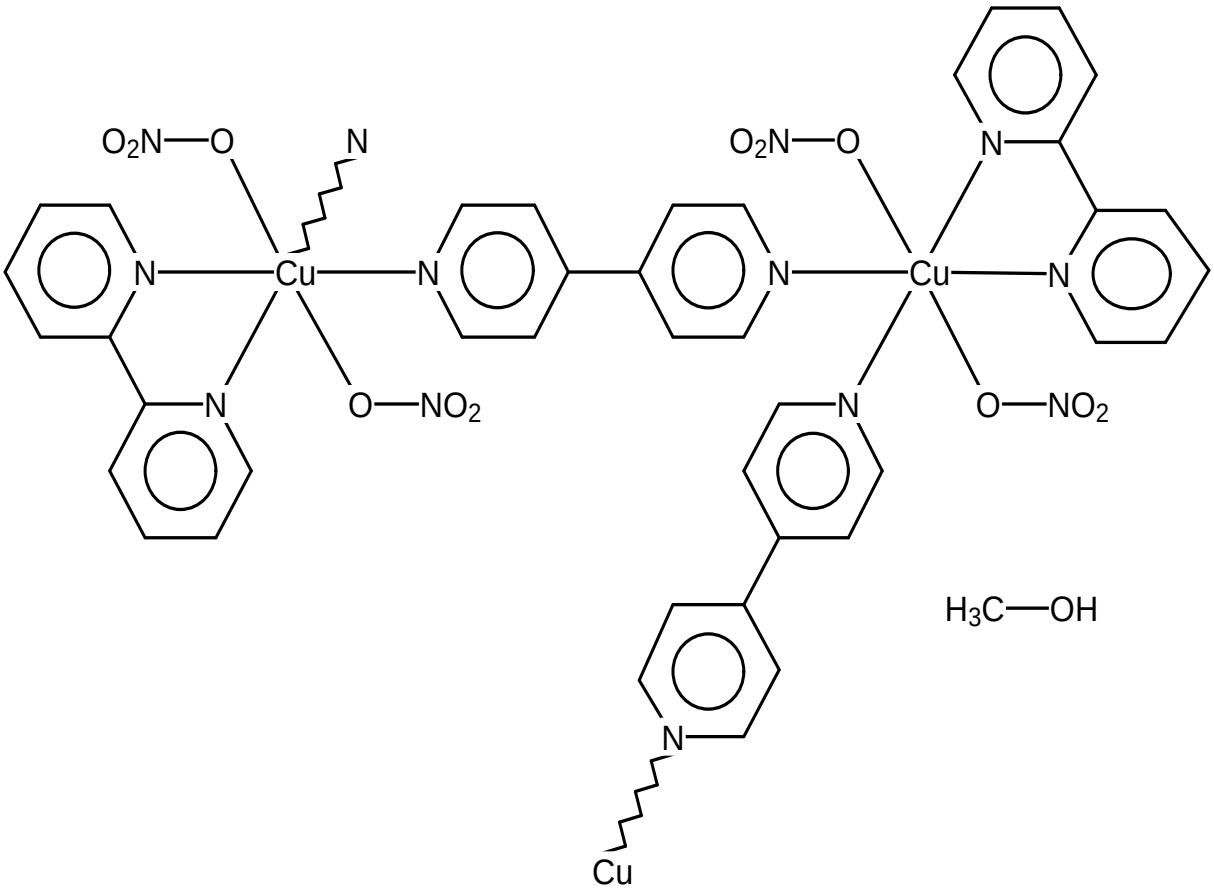
ACIJAX

Reference: Han Woong Park, Soo Mi Sung, Kil Sik Min, Hyochoon Bang, Myunghyun Paik Suh (2001) *Eur.J.Inorg.Chem.* ,2857

Formula: $(C_{40}\ H_{32}\ Cu_2\ N_{12}\ O_{12})n,4n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(2,2'-bipyridyl)-bis(nitrato-O)-copper(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	9.342(0)	***b***	9.459(0)	***c*** 14.696(0)
Space Group No.:	2	***(Å,°)***	α	80.74(0)	β	76.79(0)	γ 89.21(0)
R-Factor (%):	4.49	***Temperature(K):***	293		***Density(g/cm^3):***		1.502



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 11

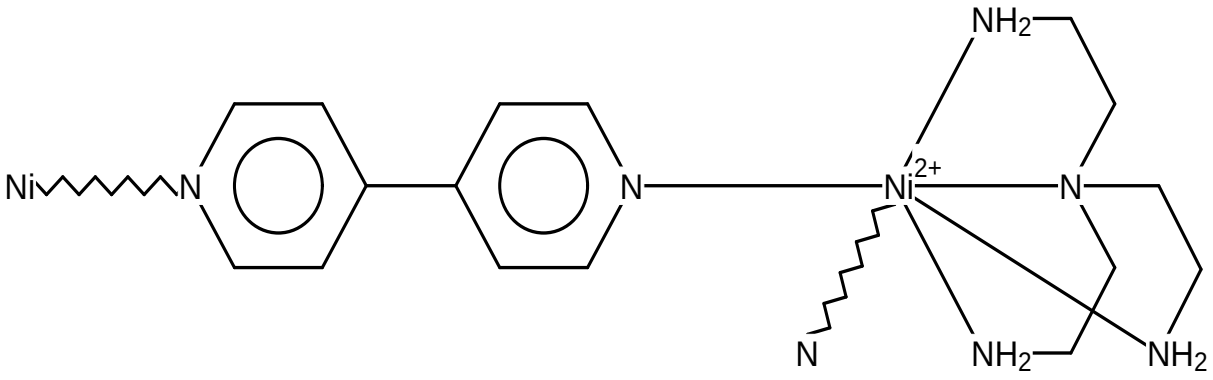
ACIJEB

Reference: Han Woong Park, Soo Mi Sung, Kil Sik Min, Hyochoon Bang, Myunghyun Paik Suh (2001) *Eur.J.Inorg.Chem.* ,2857

Formula: $(C_{16}\ H_{26}\ N_6\ Ni_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(tris(2-aminoethyl)amine)-nickel(ii) diperchlorate)

Space Group:	P21/n	***Cell:***	***a***	9.449(1)	***b***	15.649(3)	***c*** 15.071(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.03(1)	γ 90.00
R-Factor (%):	7.08	***Temperature(K):***	293		***Density(g/cm^3):***		1.669



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 12

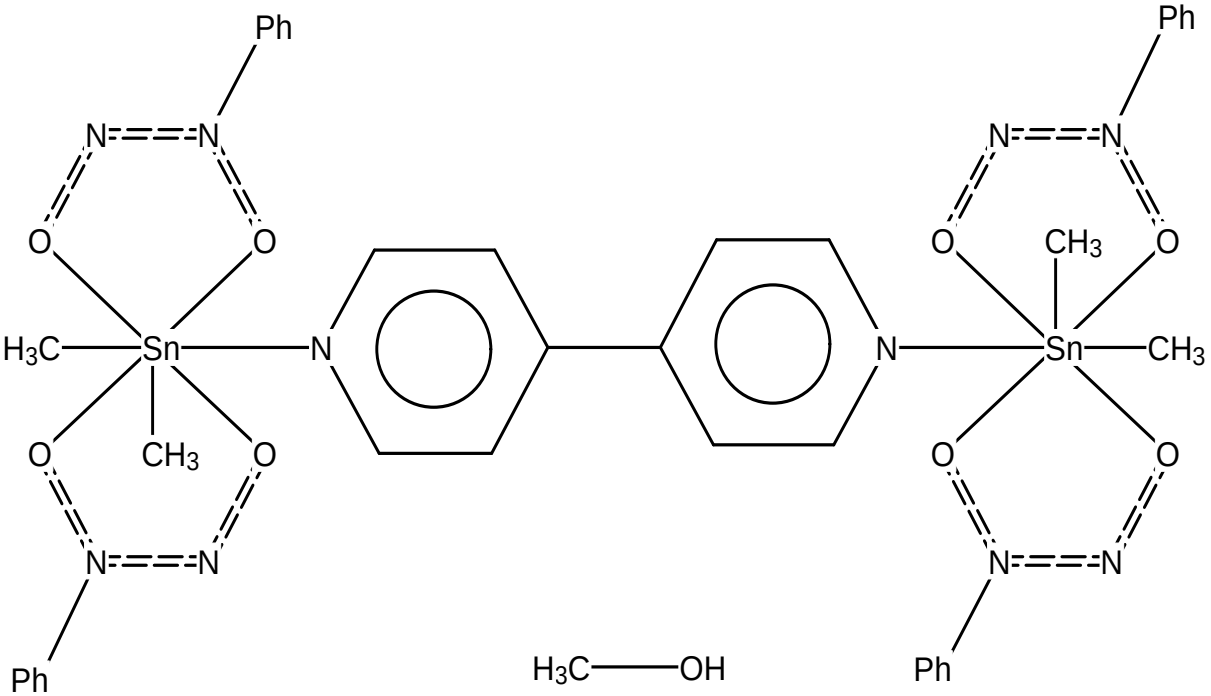
ACIKIG

Reference: A.Deak, L.Radics, A.Kalman, L.Parkanyi, I.Haiduc (2001) *Eur.J.Inorg.Chem.* ,2849

Formula: $C_{38}\ H_{40}\ N_{10}\ O_8\ Sn_2, C_1\ H_4\ O_1$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((N-nitroso-N-phenylhydroxylaminato-O,O')-dimethyl-tin(iv)) methanol solvate

Space Group:	P21/n	***Cell:***	***a***	11.047(2)	***b***	11.395(2)	***c*** 17.025(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.70(3)	γ 90.00
R-Factor (%):	2.66	***Temperature(K):***	293		***Density(g/cm^3):***		1.603



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 13

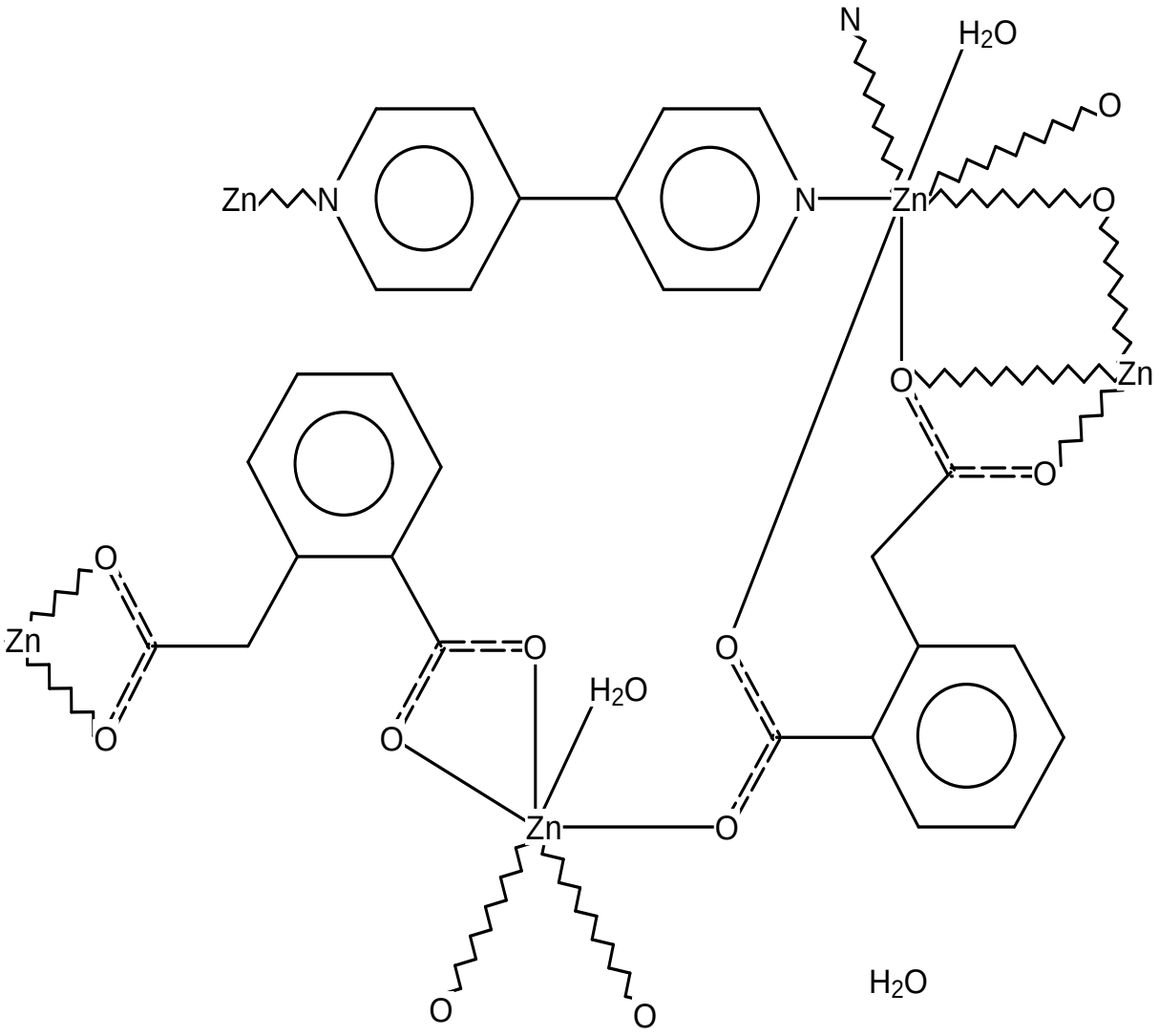
ACOGUV

Reference: Jinrun He, Yuling Wang, Wenhua Bi, Xiandong Zhu, Rong Cao (2006) *J.Mol.Struct. ,***787,**63

Formula: $(C_{28}\ H_{24}\ N_2\ O_{10}\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_3-homophthalato-O,O,O',O'',O''')-(μ_2-4,4'-bipyridine)-(μ_2-homophthalato-O,O',O'',O''')-diaqua-zinc(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	27.912(1)	***b***	11.773(0)	***c*** 16.955(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.11(0)	γ 90.00
R-Factor (%):	6.55	***Temperature(K):***	173		***Density(g/cm^3):***		1.672



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 14

ADAWOS

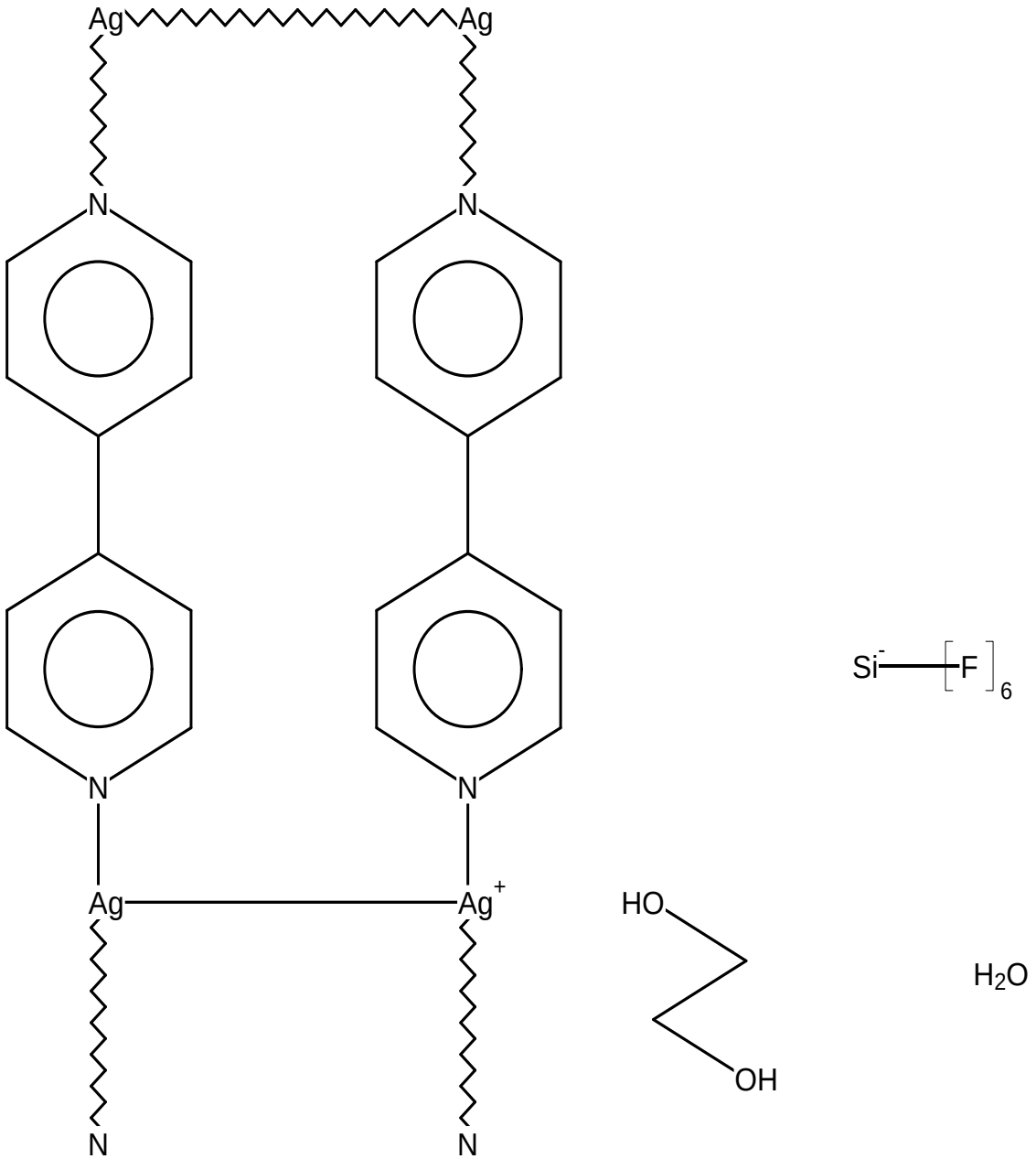
Reference: D.G.Mantero, A.Neels, H.Stoeckli-Evans (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m1381

Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{1+})n,n(F_6\ Si_1\ ^{1-}),2n(C_2\ H_6\ O_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-di-silver(i) hexafluorosilicate ethylene glycol solvate dihydrate)

Space Group:	Pc	***Cell:***	***a***	9.889(0)	***b*** 11.349(0)	***c***	14.630(1)
Space Group No.:	7	***(Å,°)***	α	90.00	β 119.70(0)	γ	90.00

R-Factor (%): 4.21 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.934



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 15

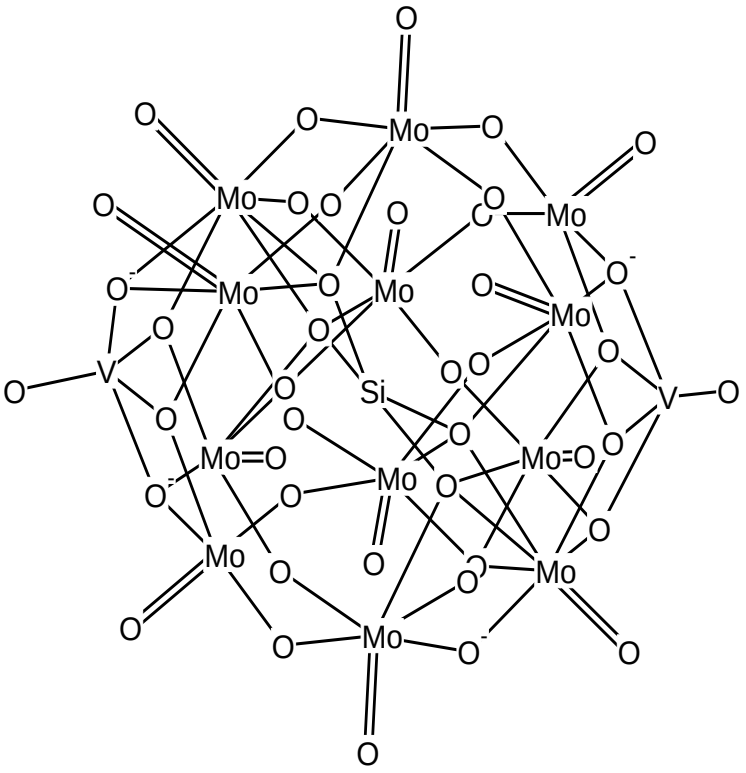
ADIPUZ

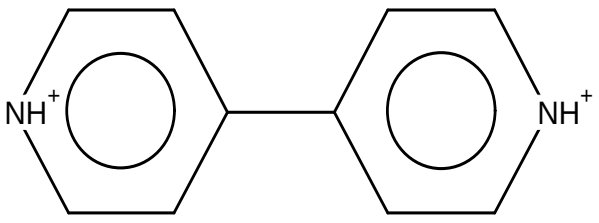
Reference: Xia Yu, Zhen-yu Shi, Jun Peng, Xiao-jun Gu (2005)
Dongbei Shi-Daxuebao Ziran Kexueban(Chin.)(J.Northeast Normal Univ.Nat.Sci.Ed.) , **37**,57

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),Mo_{12}\ O_{42}\ Si_1\ V_2\ ^{4-},3(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridinium) (μ_{10}-silicato)-octakis(μ_3-oxo)-hexadecakis(μ_2-oxo)-tetradecaoxo-octa-molybdenum(vi)-tetra-molybdenum(v)-di-vanadium(iv) trihydrate

Space Group:	C2/c	***Cell:***	***a***	14.280(1)	***b***	19.012(1)	***c*** 20.915(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.74(0)	γ 90.00
R-Factor (%):	7.72	***Temperature(K):***	293		***Density(g/cm3):***		2.743





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 16

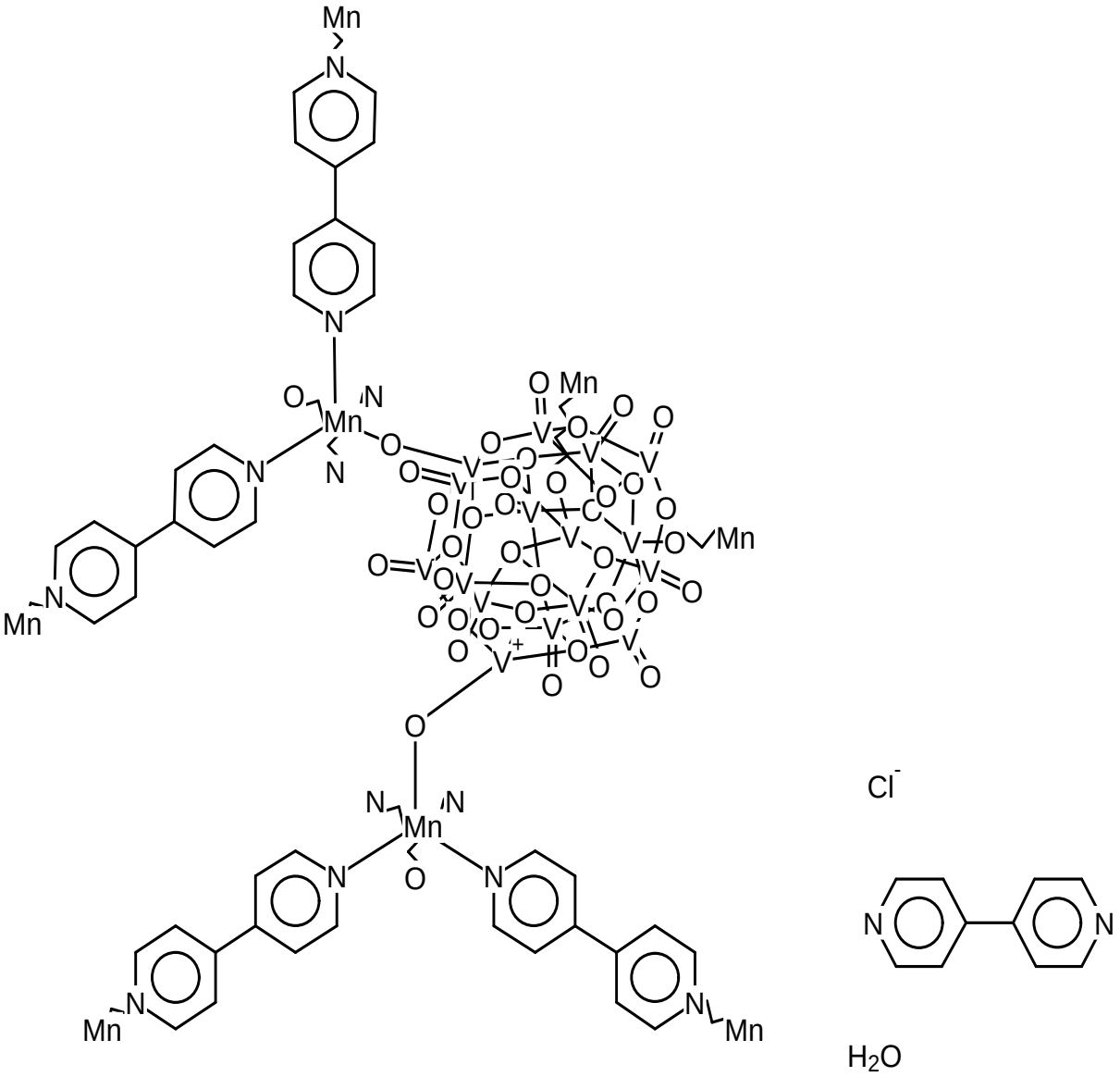
ADOBAX

Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ Mn_2\ N_8\ O_{38}\ V_{16}\ ^{1+})n,n(Cl_1\ ^{1-}),n(C_{10}\ H_8\ N_2),2.5n(H_2\ O_1)$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-manganese-hepta-vanadium(iv)-nona-vanadium(v) chloride 4,4'-bipyridine hydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.266(2)	***b***	17.266(2)	***c***	14.916(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	6.15	***Temperature(K):***	293	***Density(g/cm^3):***	1.788			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 17

ADOBEB

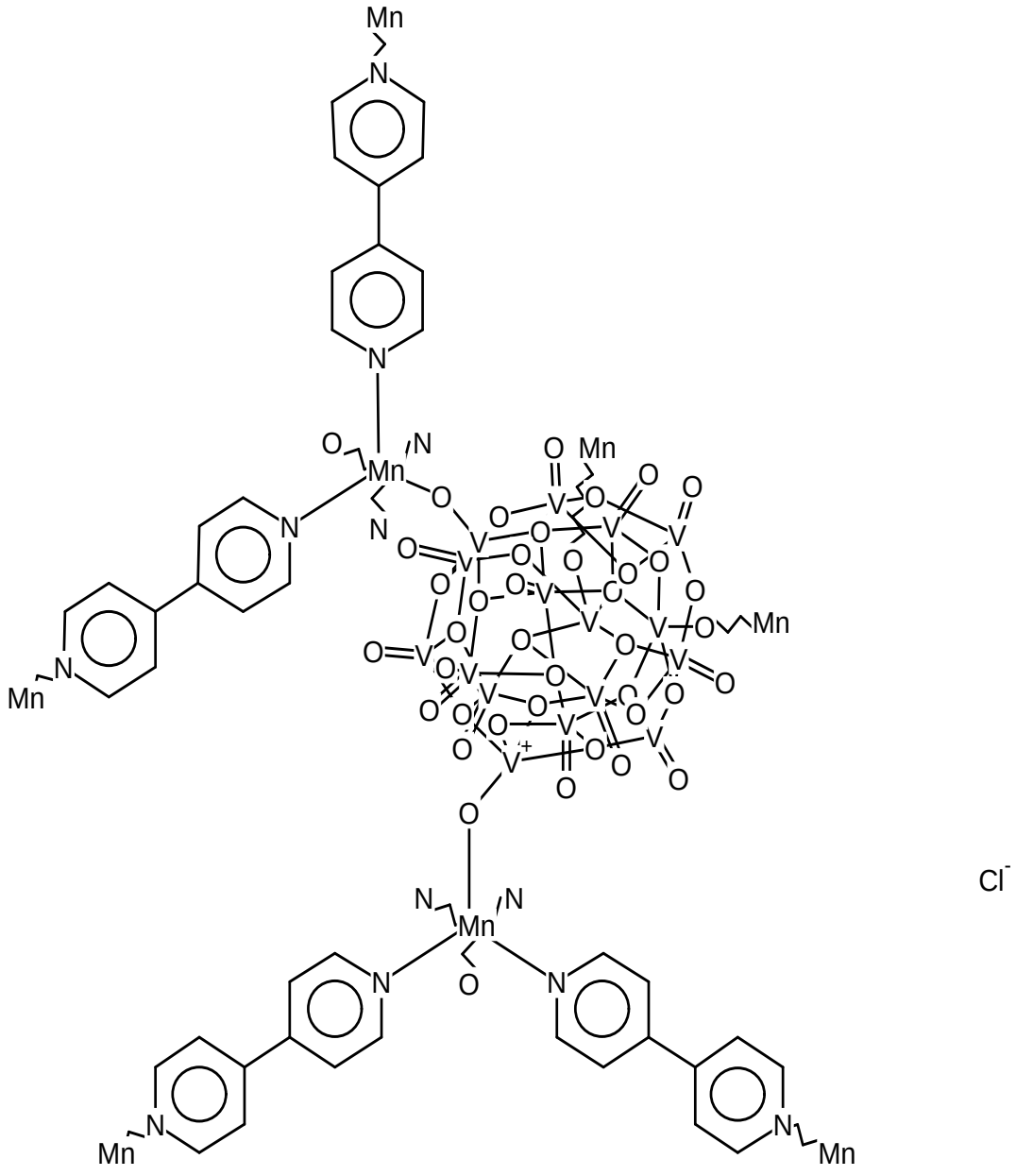
Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ Mn_2\ N_8\ O_{38}\ V_{16}\ ^{1+})n,n(Cl_1\ ^{1-})$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-manganese-hepta-vanadium(iv)-nona-vanadium(v) chloride)

Space Group:	P-4n2	***Cell:***	***a***	17.266(2)	***b***	17.266(2)	***c***	14.916(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.638



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 18

ADOBIF

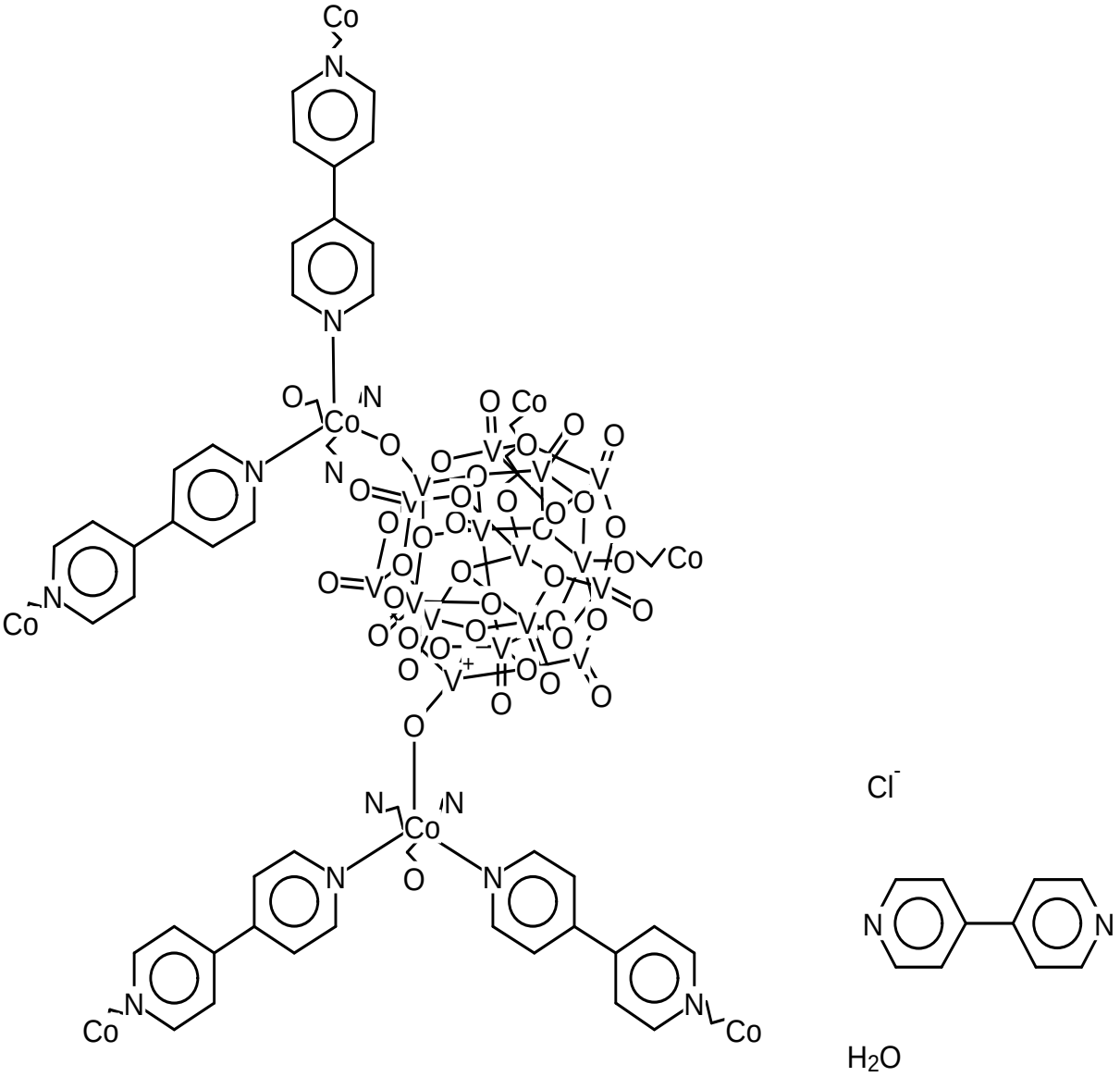
Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ Co_2\ N_8\ O_{38}\ V_{16}\ ^{1+})n,n(Cl_1\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-cobalt-hepta-vanadium(iv)-nona-vanadium(v) chloride 4,4'-bipyridine dihydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.066(3)	***b***	17.066(3)	***c***	14.625(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.927



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 19

ADOBOL

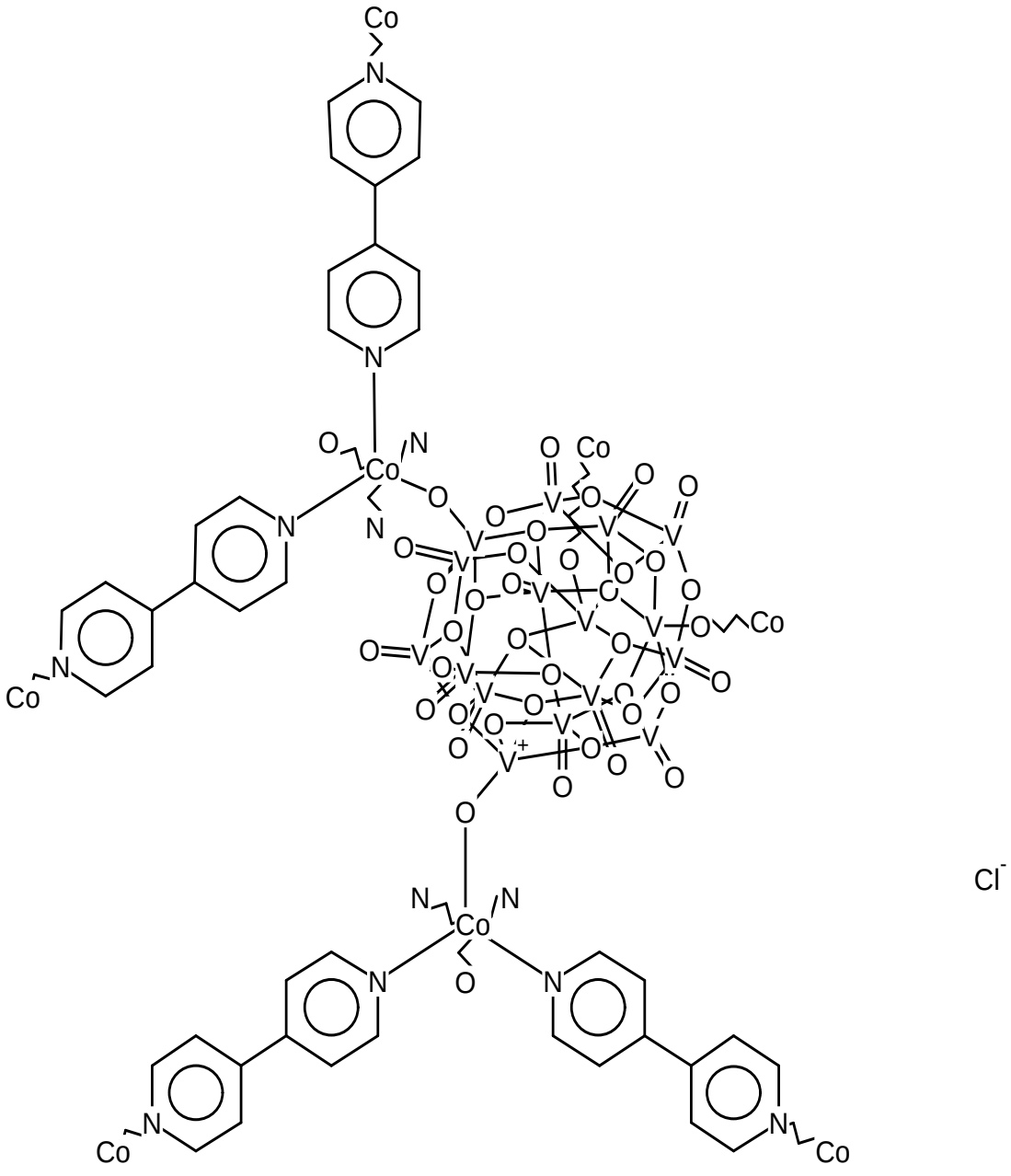
Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ Co_2\ N_8\ O_{38}\ V_{16}\ ^{1+})n,n(Cl_1\ ^{1-})$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-cobalt-hepta-vanadium(iv)-nona-vanadium(v) chloride)

Space Group:	P-4n2	***Cell:***	***a***	17.066(3)	***b***	17.066(3)	***c***	14.625(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.716



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 20

ADOBUR

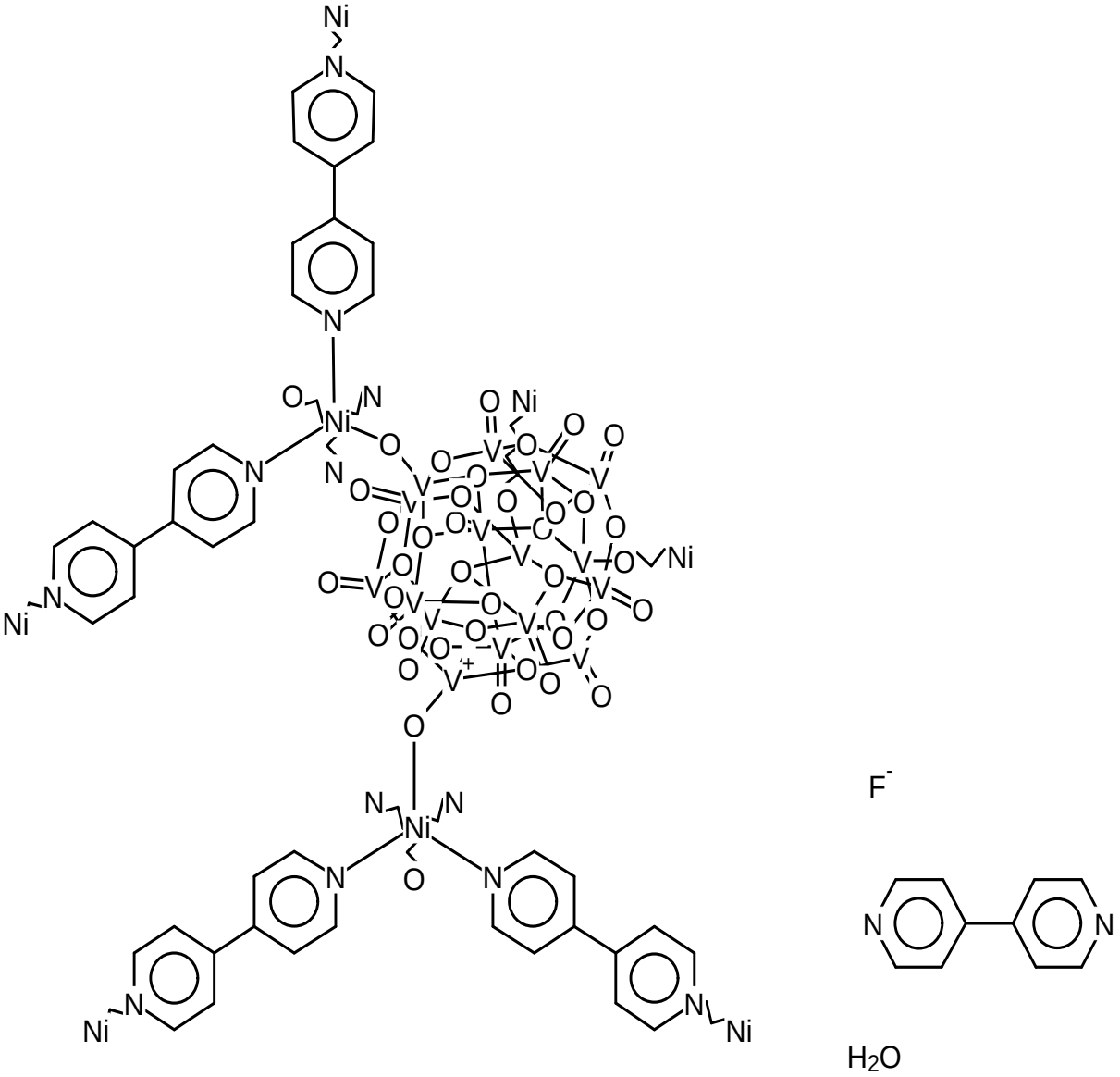
Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ N_8\ Ni_2\ O_{38}\ V_{16}\ ^{1+})n,n(F_1\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-nickel-hepta-vanadium(iv)-nona-vanadium(v) fluoride 4,4'-bipyridine trihydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.062(0)	***b***	17.062(0)	***c***	14.653(0)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.925



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 21

ADOCAY

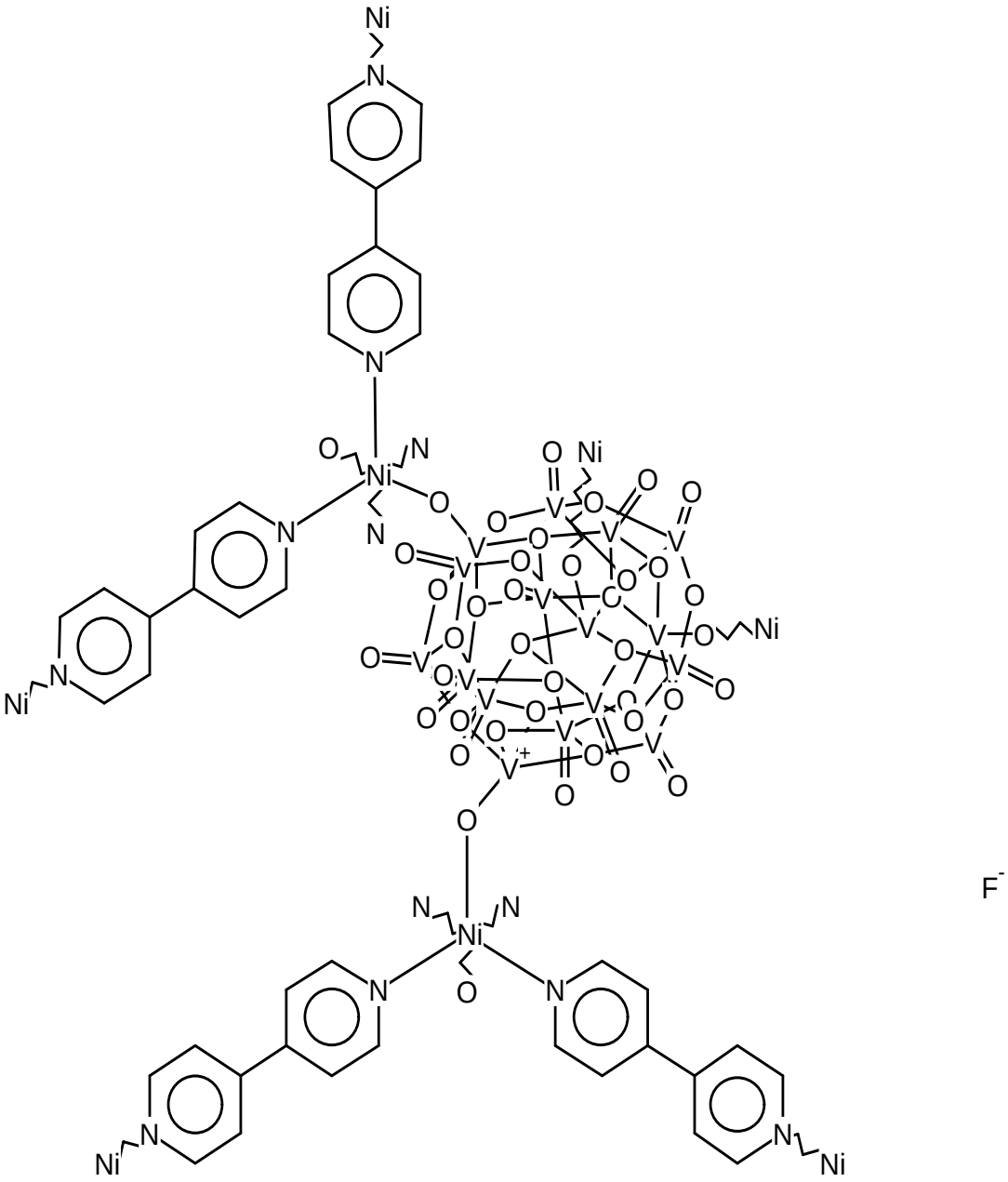
Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ N_8\ Ni_2\ O_{38}\ V_{16}\ ^{1+})n,n(F_1\ ^{1-})$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-nickel-hepta-vanadium(iv)-nona-vanadium(v) fluoride)

Space Group:	P-4n2	***Cell:***	***a***	17.062(0)	***b***	17.062(0)	***c***	14.653(0)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.99 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.701



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 22

ADOCEC

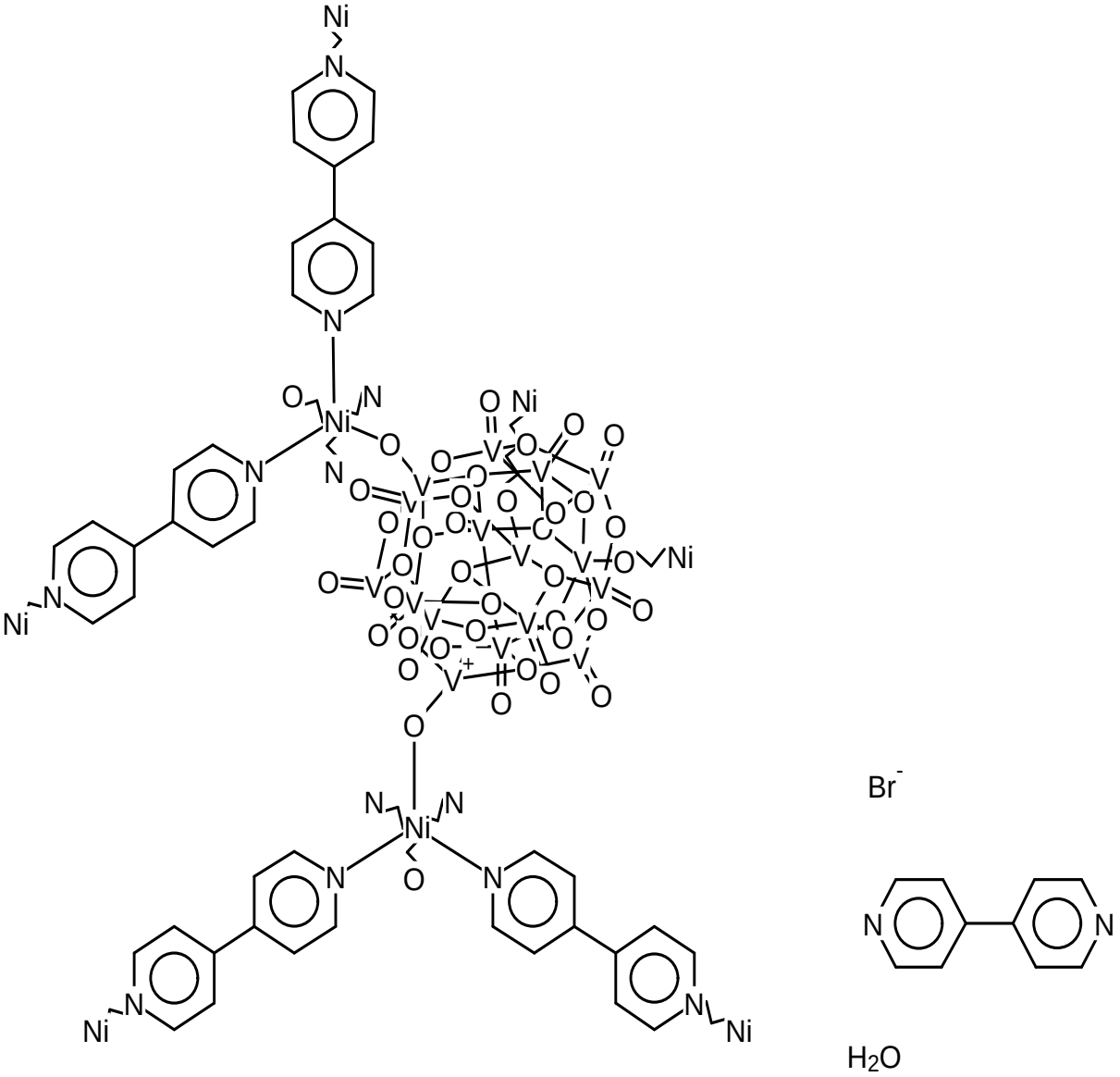
Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ N_8\ Ni_2\ O_{38}\ V_{16}\ ^{1+})n,n(Br_1\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),3.5n(H_2\ O_1)$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-nickel-hepta-vanadium(iv)-nona-vanadium(v) bromide 4,4'-bipyridine hydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.091(2)	***b***	17.091(2)	***c***	14.611(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.978



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 23

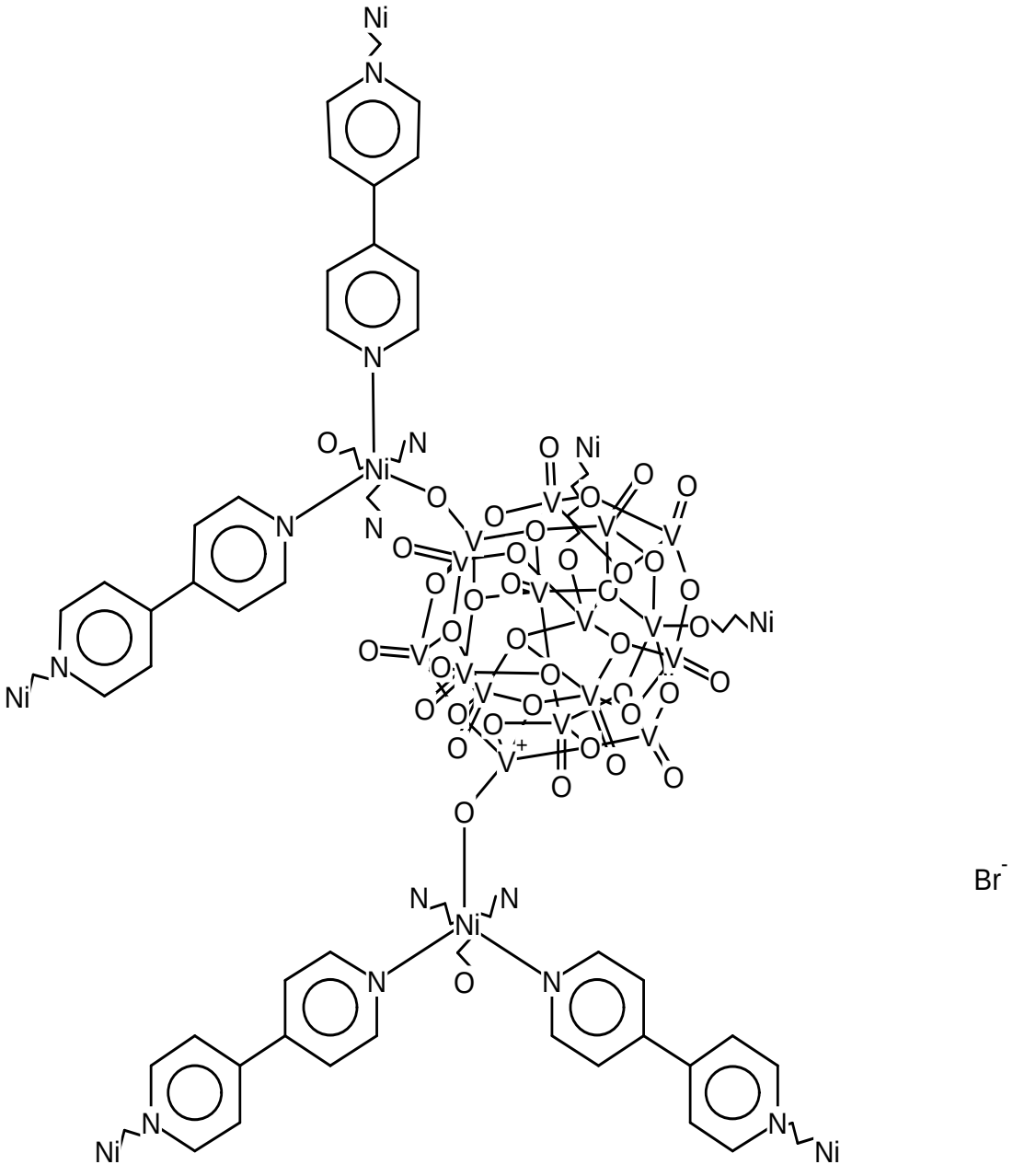
ADOCIG

Reference: Chun-Dan Zhang, Shu-Xia Liu, Bo Gao, Chun-Yan Sun, Lin-Hua Xie, Miao Yu, Jun Peng (2007) *Polyhedron ,***26,**1514

Formula: $(C_{40}\ H_{32}\ N_8\ Ni_2\ O_{38}\ V_{16}\ ^{1+})n,n(Br_1\ ^{1-})$

Compound Name: catena-(icosakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-nickel-hepta-vanadium(iv)-nona-vanadium(v) bromide)

Space Group:	P-4n2	***Cell:***	***a***	17.091(2)	***b***	17.091(2)	***c***	14.611(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	4.25	***Temperature(K):***	293		***Density(g/cm^3):***	1.747		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 24

ADOLOV

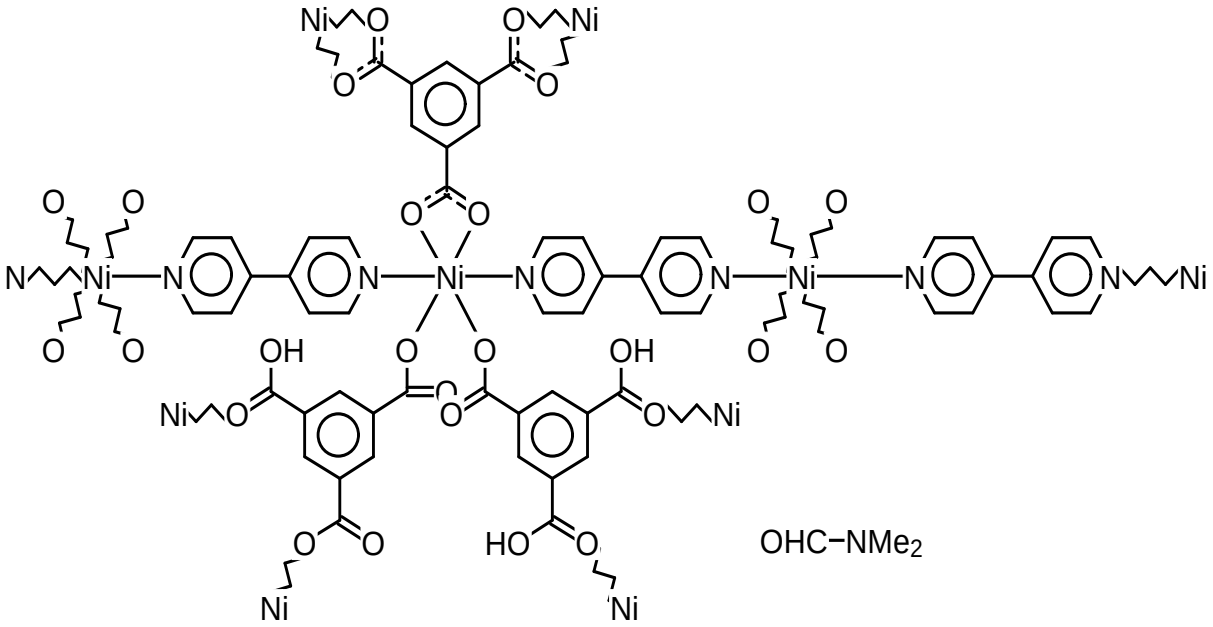
Reference: Chaoying Gao, Shuxia Liu, Linhua Xie, Yuanhang Ren, Jianfang Cao, Chunyan Sun (2007) *CrystEngComm* ,**9,**545

Formula: $(C_{57}\ H_{36}\ N_6\ Ni_3\ O_{18})n,9n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_3-Benzene-1,3,5-tricarboxylato)-(μ_3-5-carboxybenzene-1,3-dicarboxylato)-(μ_3-3,5-dicarboxybenzoato)-tris(μ_2-4,4'-bipyridine)-tri-nickel(ii) N,N-dimethylformamide solvate)

Space Group:	P-62m	***Cell:***	***a***	16.634(2)	***b***	16.634(2)	***c*** 11.234(2)
Space Group No.:	189	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.189



Search: search1 (Thu May 26 10:05:42 2011): Hit 25

ADUTAV

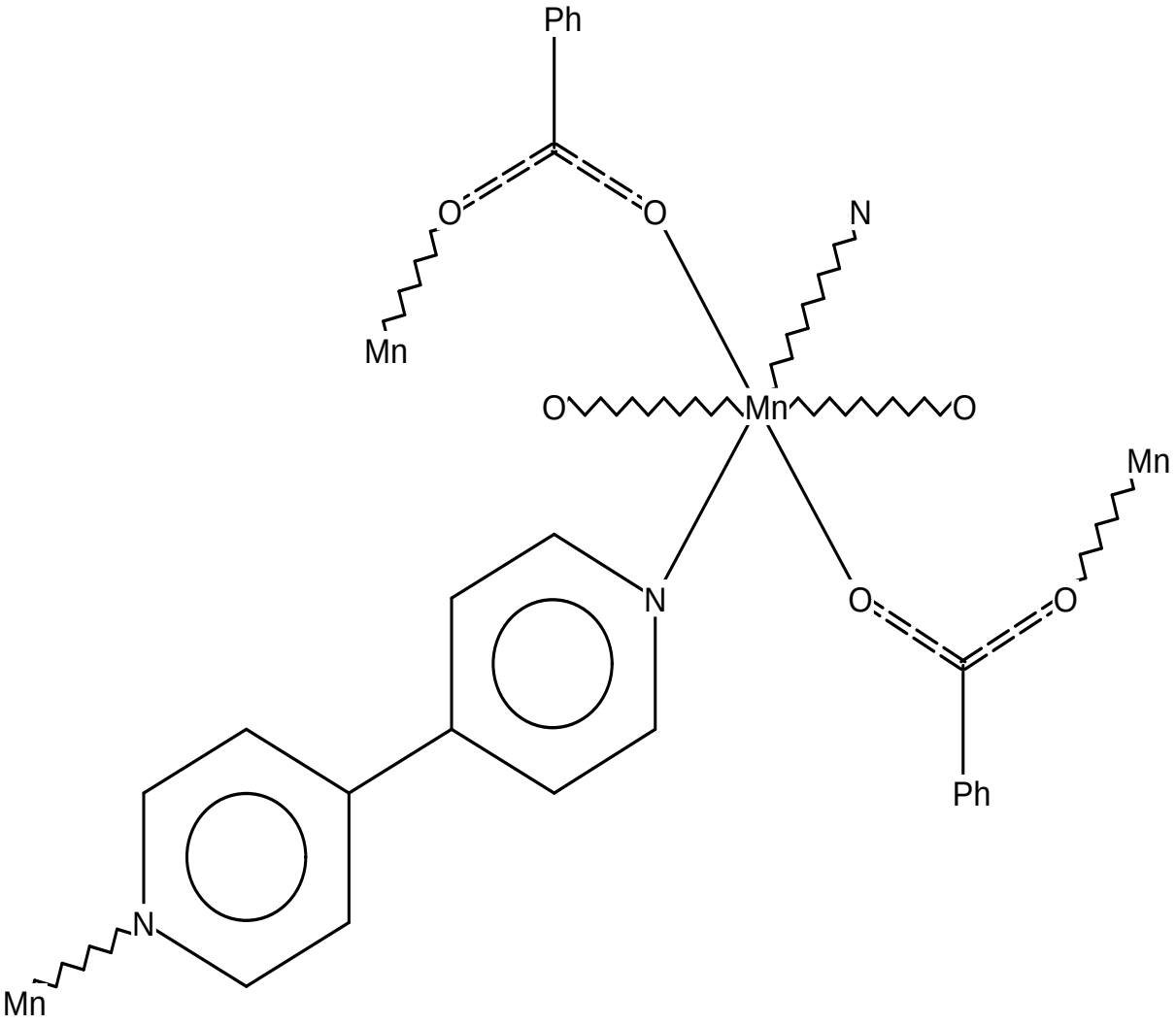
Reference: Hui Chen, Wen-Guo Wang, Cheng-Bing Ma, Chang-Neng Chen, Qiu-Tian Liu, Dai-Zheng Liao, Li-Cun Li (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**687

Formula: $(C_{24}\ H_{18}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-(bis(μ_2-Benzoato-O,O')-(μ_2-4,4'-bipyridine)-manganese)

Space Group:	Pbcn	***Cell:***	***a***	18.716(0)	***b***	11.692(0)	***c***	9.480(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.452



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 26

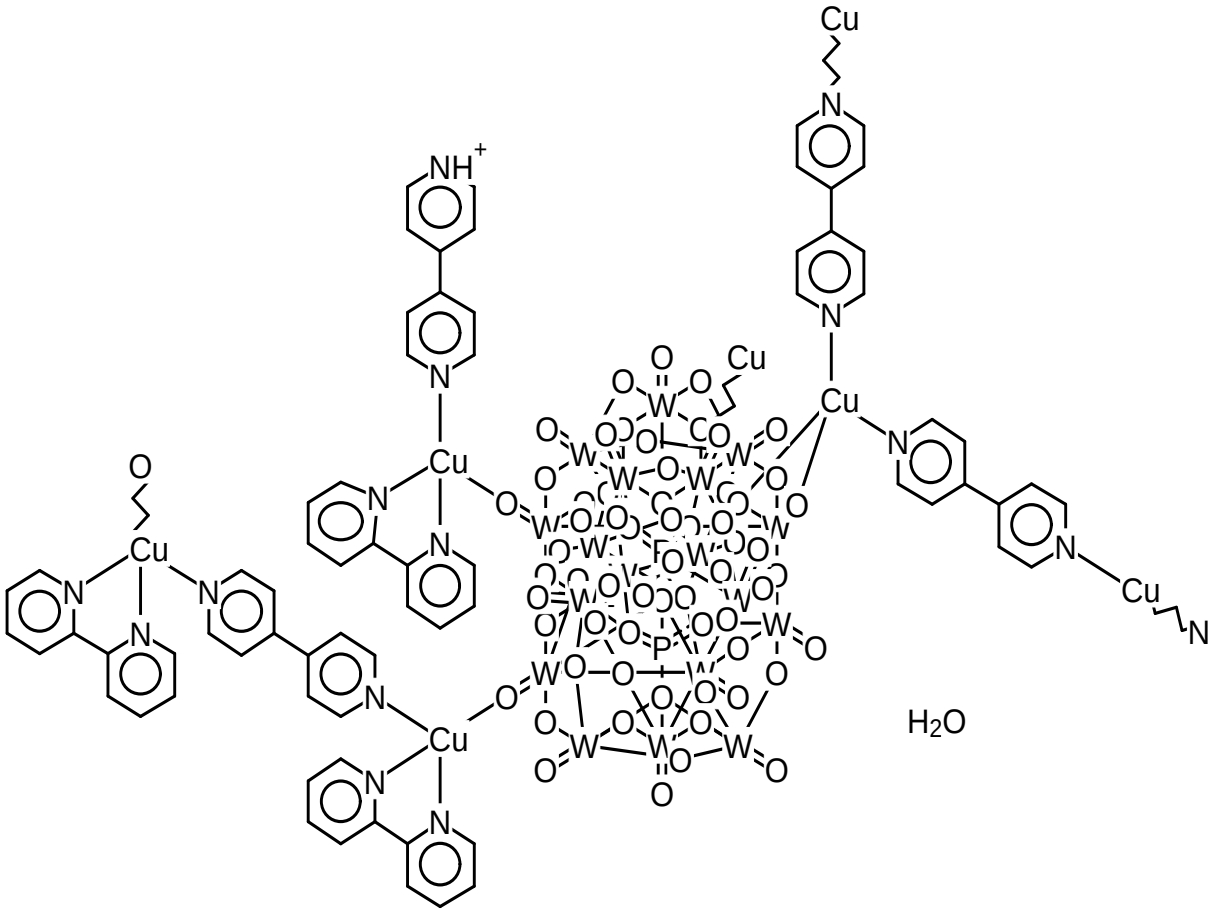
AFALUP

Reference: Hua Jin, Xinlong Wang, Yanfei Qi, Enbo Wang (2007)
Inorg.Chim.Acta ,**360,**3347

Formula: $(C_{70}\ H_{57}\ Cu_5\ N_{14}\ O_{62}\ P_2\ W_{18})n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_9-Phosphato)-(μ_3-oxo)-tris(μ_2-4,4'-bipyridine)-nonatriacontakis(μ_2-oxo)-tris(2,2'-bipyridine)-(4,4'-bipyridinium)-tetradecaoxo-penta-copper(i)-octadeca-tungsten trihydrate)

Space Group:	P-1	***Cell:***	***a*** 14.239(3)	***b*** 17.396(4)	***c*** 24.691(5)
Space Group No.:	2	***(Å,°)***	α 106.77(3)	β 104.68(3)	γ 94.20(3)
R-Factor (%):	7.40	***Temperature(K):***	293	***Density(g/cm^3):***	3.461



Search: search1 (Thu May 26 10:05:42 2011): Hit 27

AFAMAW

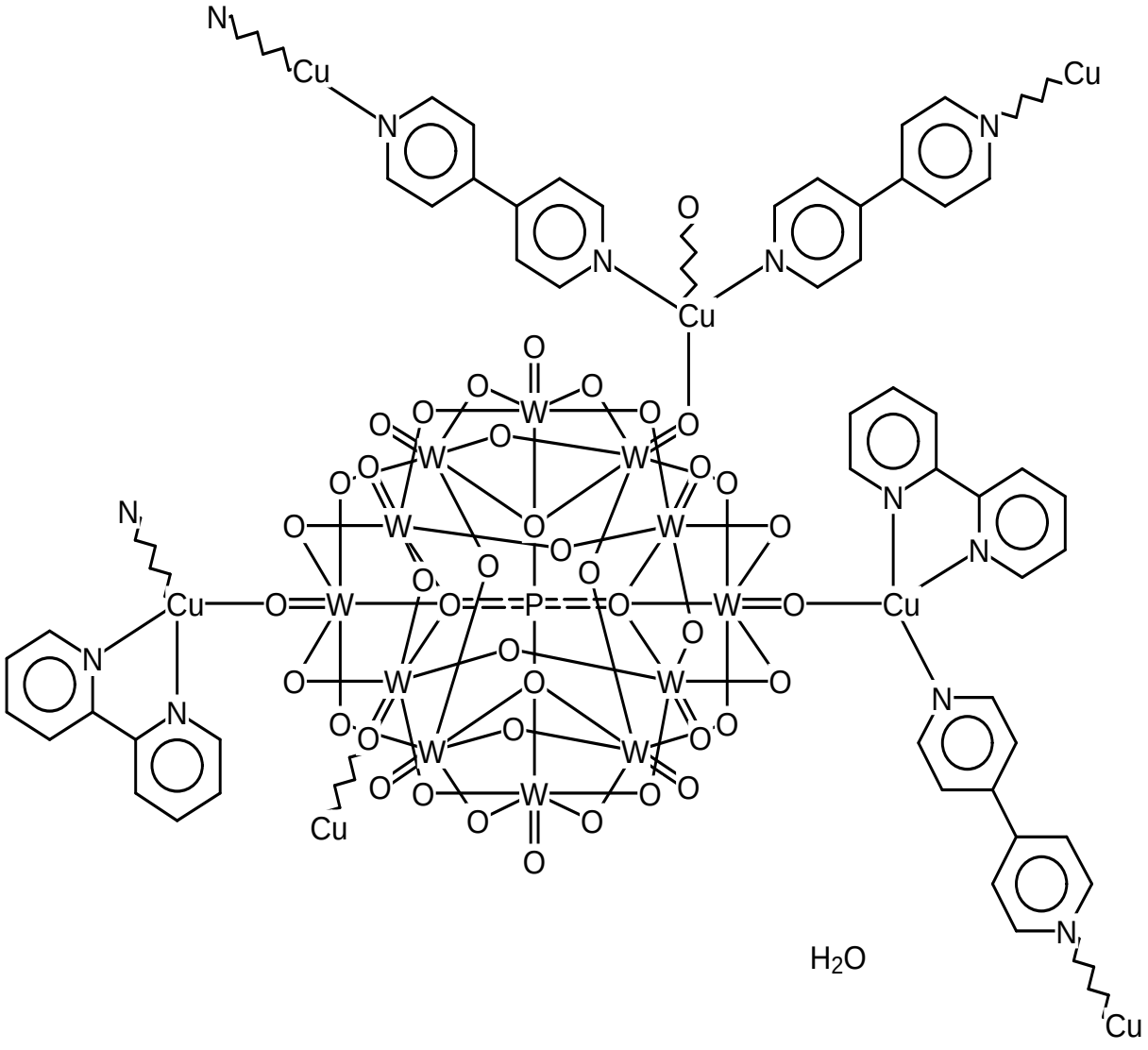
Reference: Hua Jin, Xinlong Wang, Yanfei Qi, Enbo Wang (2007)
Inorg.Chim.Acta ,**360,**3347

Formula: $(C_{50}\ H_{40}\ Cu_4\ N_{10}\ O_{40}\ P_1\ W_{12})n,0.25n(H_2\ O_1)$

Compound Name: catena-($(\mu_{12}$-Phosphato)-tris(μ_2-4,4'-bipyridine)-octacosakis(μ_2-oxo)-bis(2,2'-bipyridine)-octaoxo-tetra-copper(i)-dodeca-tungsten hydrate)

Space Group:	P-1	***Cell:***	***a***	13.570(3)	***b***	15.562(3)	***c*** 19.536(4)
Space Group No.:	2	***(Å,°)***	α	76.14(3)	β	80.91(3)	γ 65.71(3)

R-Factor (%): 5.36 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.571



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 28

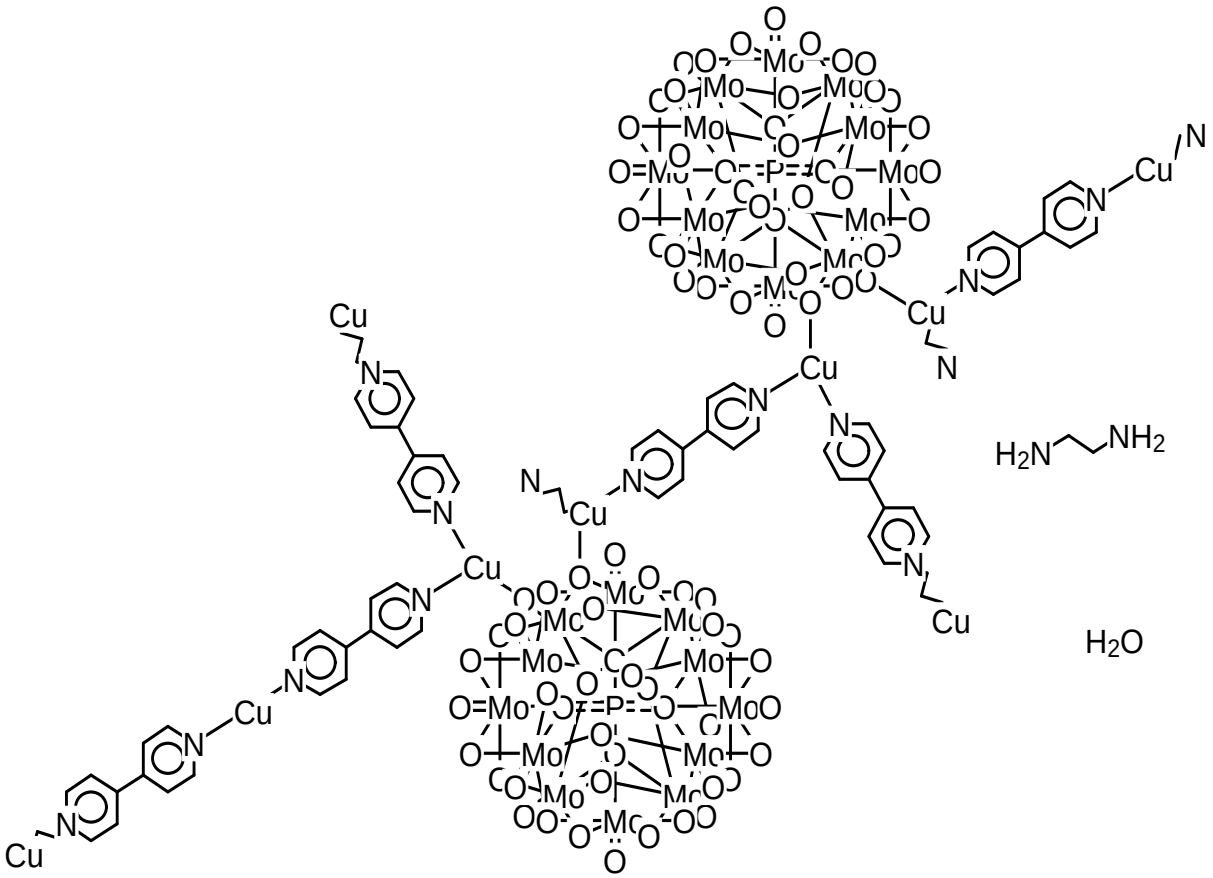
AFAMEA

Reference: Hua Jin, Xinlong Wang, Yanfei Qi, Enbo Wang (2007) *Inorg.Chim.Acta* ,**360,**3347

Formula: $(C_{60}\ H_{48}\ Cu_6\ Mo_{24}\ N_{12}\ O_{80}\ P_2)n,2n(C_2\ H_8\ N_2),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_{12}-Phosphato)-bis(μ_3-oxo)-hexakis(μ_2-4,4'-bipyridine)-octatetracontakis(μ_2-oxo)-docosaoxo-hexa-copper(i)-tetracosa-molybdenum ethylenediamine solvate hexahydrate)

Space Group:	P-1	***Cell:***	***a***	12.643(3)	***b***	13.631(3)	***c*** 18.549(4)
Space Group No.:	2	***(Å,°)***	α	89.57(3)	β	85.82(3)	γ 75.52(3)
R-Factor (%):	6.87	***Temperature(K):***	293	***Density(g/cm^3):***	2.793		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 29

AFAQUU

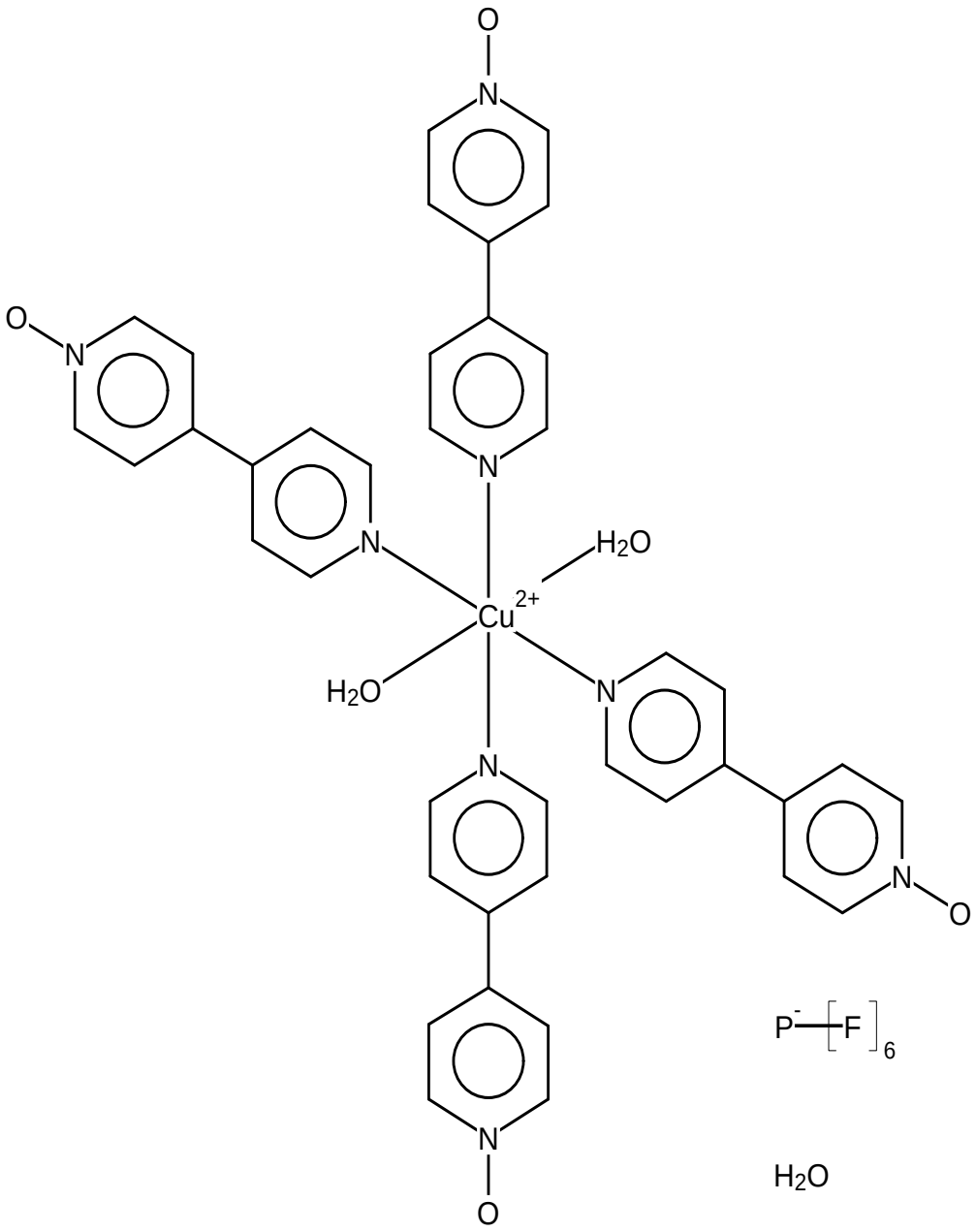
Reference: D.J.Hoffart, N.C.Habermehl, S.J.Loeb (2007)
Dalton Trans. ,2870

Formula: $C_{40}\ H_{36}\ Cu_1\ N_8\ O_6\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),1.5($H_2\ O_1$)

Compound Name: trans-Diaqua-tetrakis(4,4'-bipyridine N-oxide)-copper(ii) bis(hexafluorophosphate) sesquihydrate

Space Group:	P4nc	***Cell:***	***a*** 17.183(8)	***b*** 17.183(8)	***c*** 8.128(6)
Space Group No.:	104	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 6.76 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.530



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 30

AFARAB

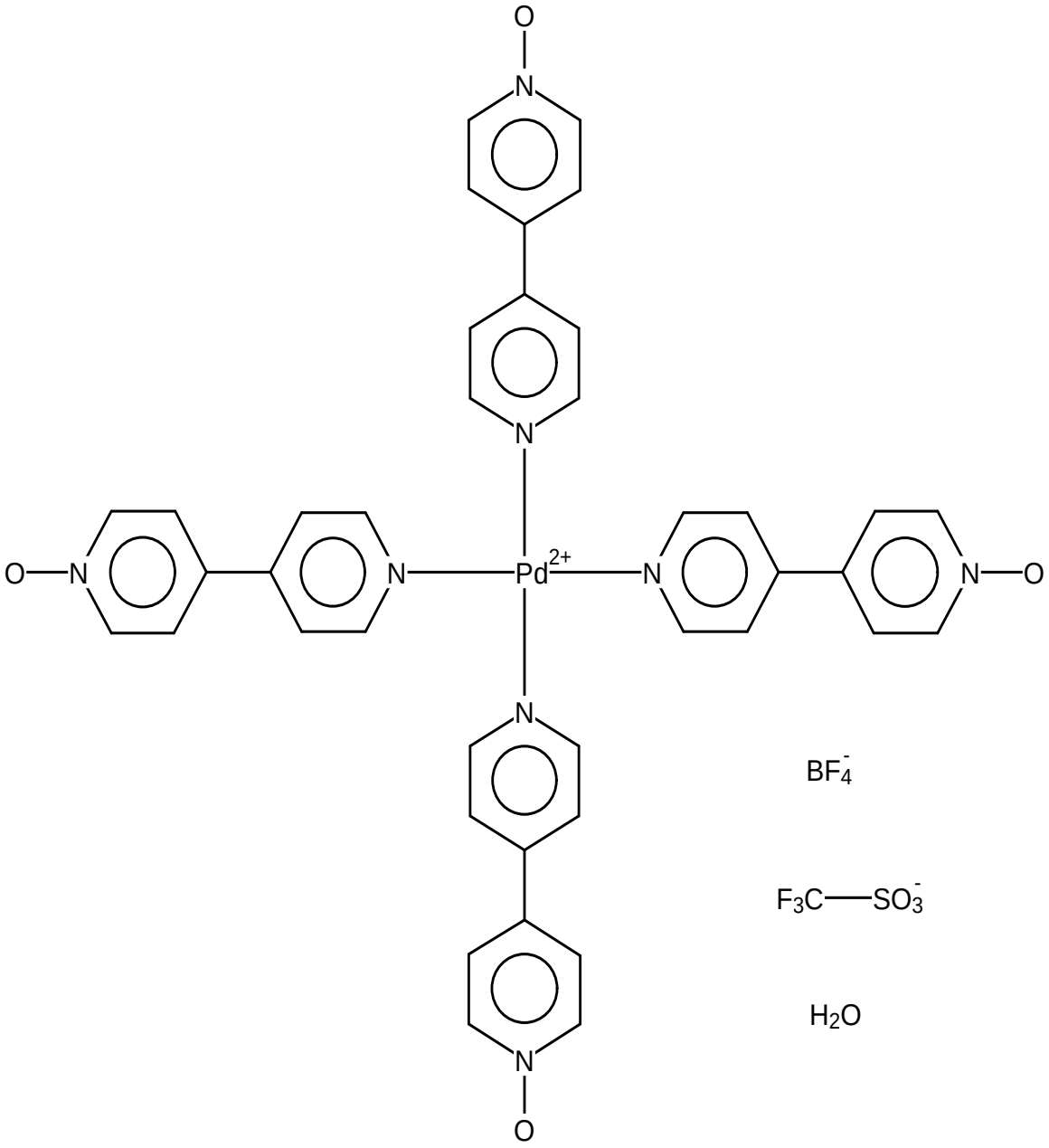
Reference: D.J.Hoffart, N.C.Habermehl, S.J.Loeb (2007)
Dalton Trans. ,2870

Formula: $3(C_{40}\ H_{32}\ N_8\ O_4\ Pd_1\ ^{2+}),2(B_1\ F_4\ ^{1-}),4(C_1\ F_3\ O_3\ S_1\ ^{1-}),30(H_2\ O_1)$

Compound Name: tris(tetrakis(4,4'-bipyridine N-oxide)-palladium(ii)) bis(tetrafluoroborate) tetrakis(trifluoromethanesulfonate) hydrate

Space Group:	P-1	***Cell:***	***a***	20.624(1)	***b***	21.311(1)	***c***	22.366(2)
Space Group No.:	2	***(Å,°)***	α	63.19(0)	β	64.45(0)	γ	82.82(0)

R-Factor (%): 7.97 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.557



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 31

AFAREF

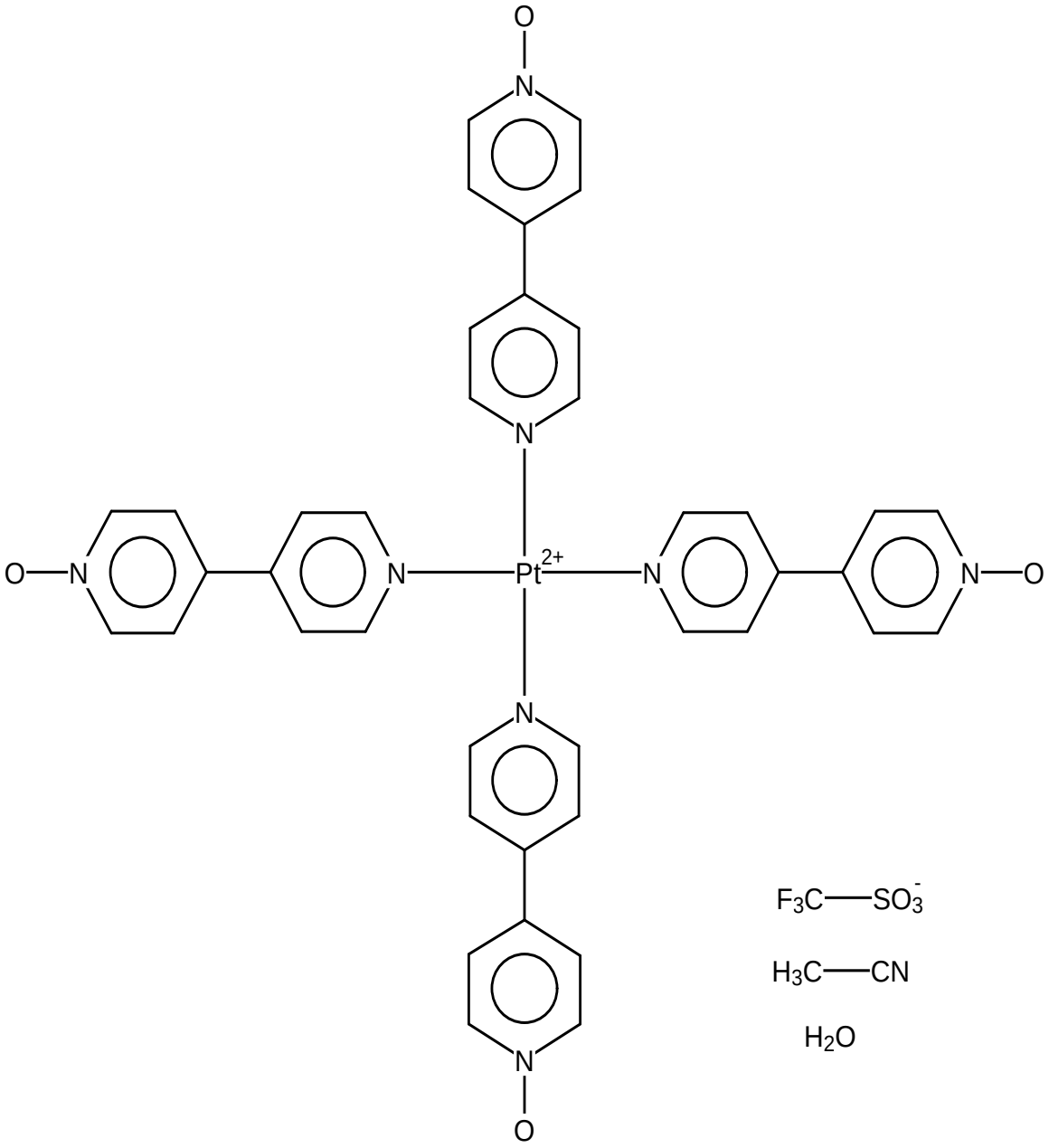
Reference: D.J.Hoffart, N.C.Habermehl, S.J.Loeb (2007)
Dalton Trans. ,2870

Formula: $C_{40}\ H_{32}\ N_8\ O_4\ Pt_1\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_2\ H_3\ N_1$),$H_2\ O_1$

Compound Name: tetrakis(4,4'-Bipyridine N-oxide)-platinum(ii) bis(trifluoromethanesulfonate) acetonitrile solvate monohydrate

Space Group:	P21/n	***Cell:***	***a*** 17.559(4)	***b*** 14.088(4)	***c*** 19.738(5)
Space Group No.:	14	***(Å,°)***	α 90.00	β 94.89(0)	γ 90.00

R-Factor (%): 9.98 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.750



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 32

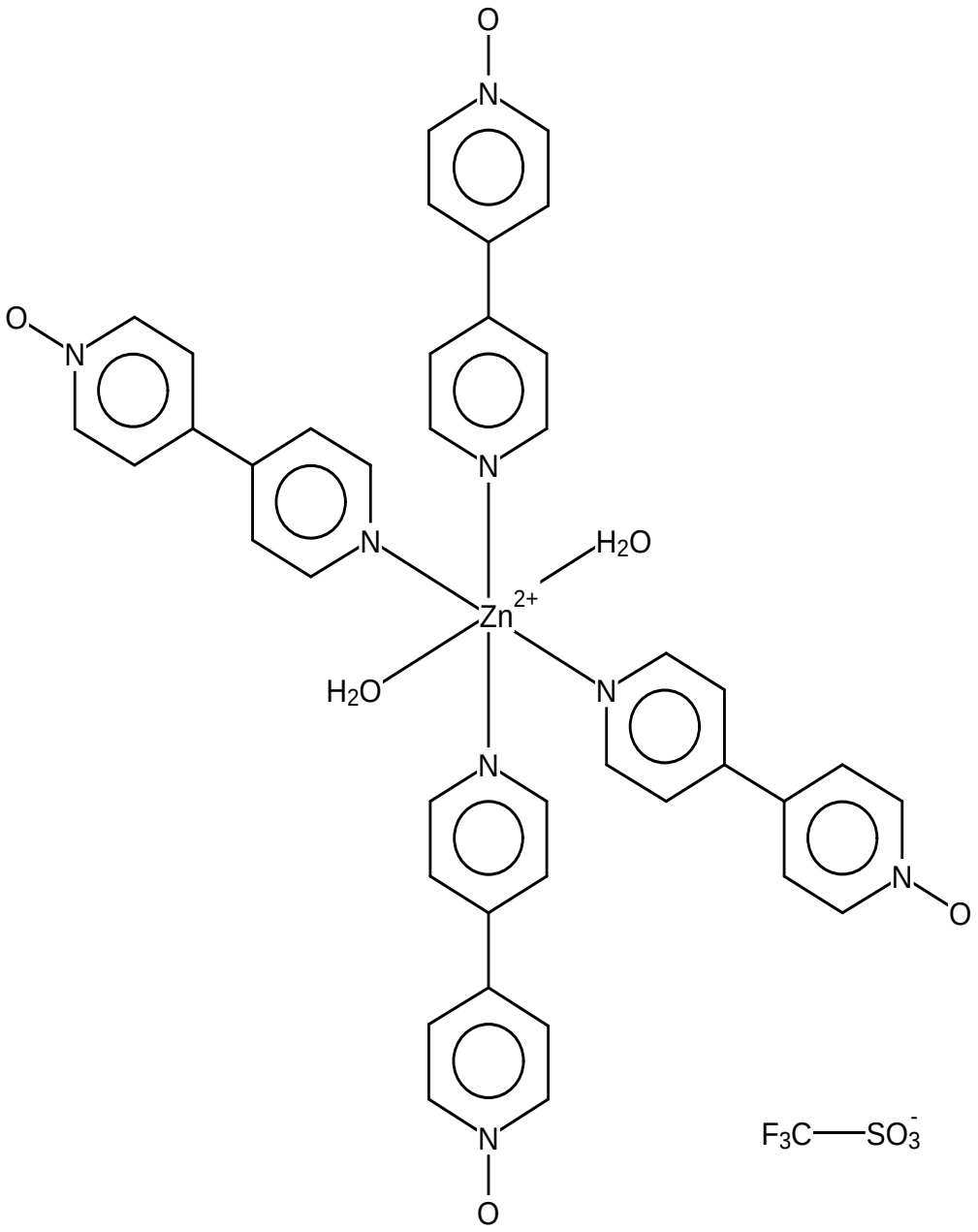
AFARIJ

Reference: D.J.Hoffart, N.C.Habermehl, S.J.Loeb (2007)
Dalton Trans. ,2870

Formula: $C_{40}\ H_{36}\ N_8\ O_6\ Zn_1\ ^{2+}, 2(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: trans-Diaqua-tetrakis(4,4'-bipyridine N-oxide)-zinc(ii) bis(trifluoromethanesulfonate)

Space Group:	P4nc	***Cell:***	***a*** 17.347(4)	***b*** 17.347(4)	***c*** 8.061(4)
Space Group No.:	104	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	9.97	***Temperature(K):***	173	***Density(g/cm^3):***	1.490



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 33

AFECIY

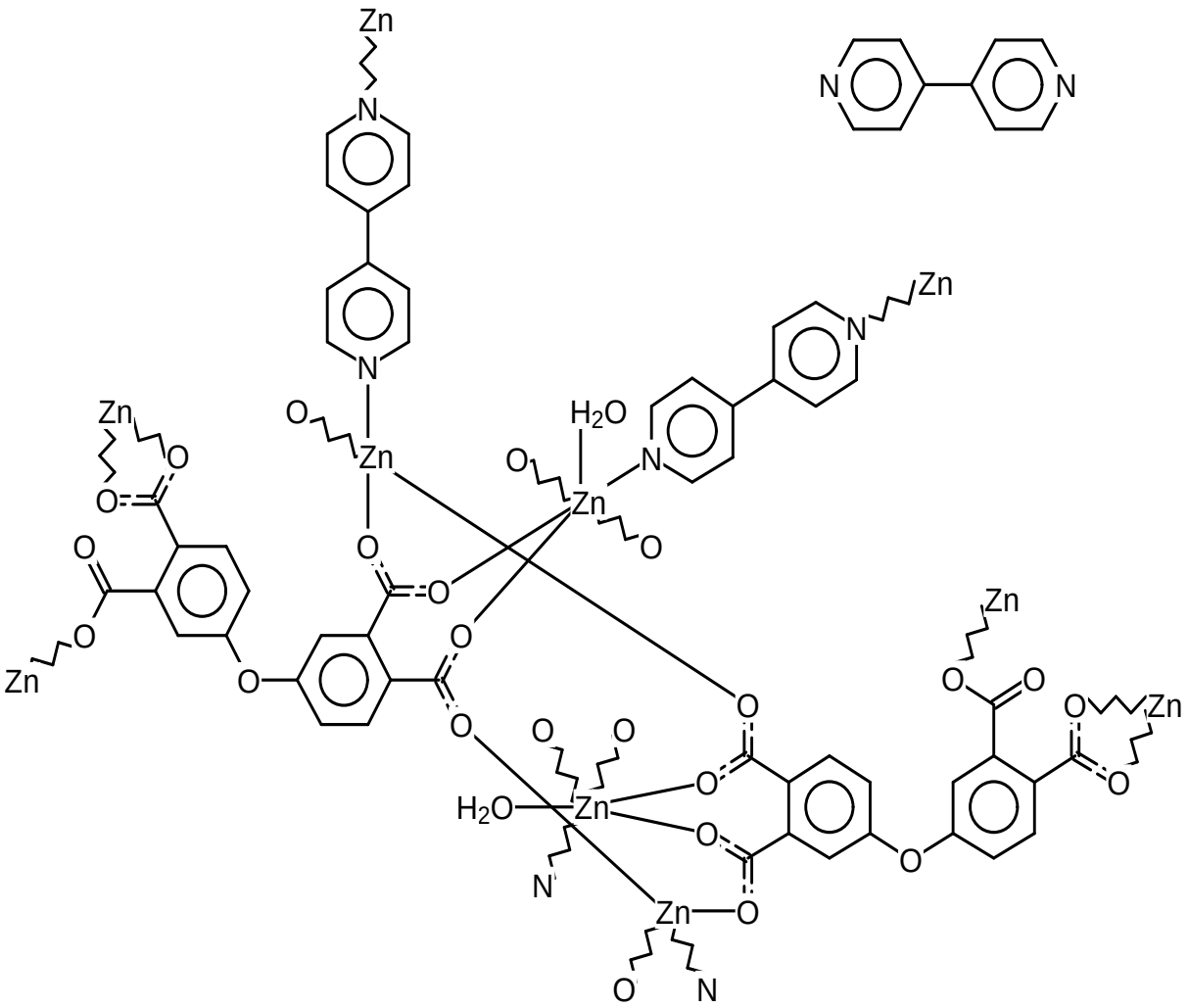
Reference: Pei-Xiu Yin, Zhao-Ji Li, Xin-Yi Cao, Ye-Yan Qin, Yuan-Gen Yao (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,** m2258

Formula: $(C_{52}\ H_{32}\ N_4\ O_{20}\ Zn_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[bis(μ_5-4,4'-Oxydibenzene-1,2-carboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-tetra-zinc(ii) 4,4'-bipyridine clathrate]

Space Group:	P21/n	***Cell:***	***a***	10.952(0)	***b***	15.120(0)	***c*** 16.550(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.06(0)	γ 90.00

R-Factor (%): 4.81 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.759



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 34

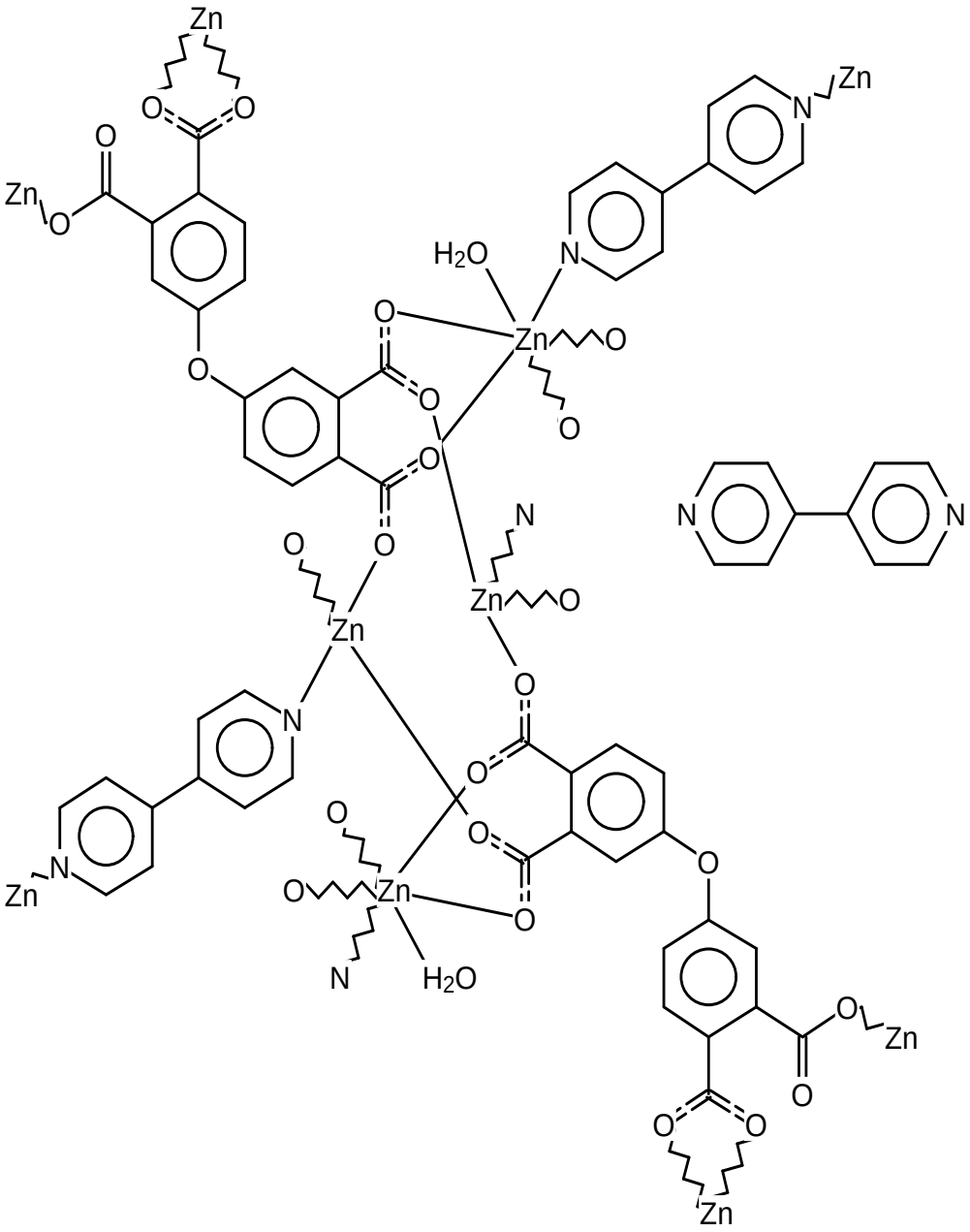
AFECIY01

Reference: Qian Chu, Guang-Xiang Liu, Yong-Qing Huang, Xiao-Feng Wang, Wei-Yin Sun (2007) *Dalton Trans.* ,4302

Formula: $(C_{52}\ H_{32}\ N_4\ O_{20}\ Zn_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_5-Oxybis(benzene-3,3',4,4'-tetracarboxylato))-bis(μ_2-4,4'-bipyridine)-diaqua-tetra-zinc(ii) 4,4'-bipyridine solvate)

Space Group:	P21/n	***Cell:***	***a*** 10.913(1)	***b*** 15.056(1)	***c*** 16.447(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 91.80(0)	γ 90.00
R-Factor (%):	3.34	***Temperature(K):***	293	***Density(g/cm^3):***	1.784



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 35

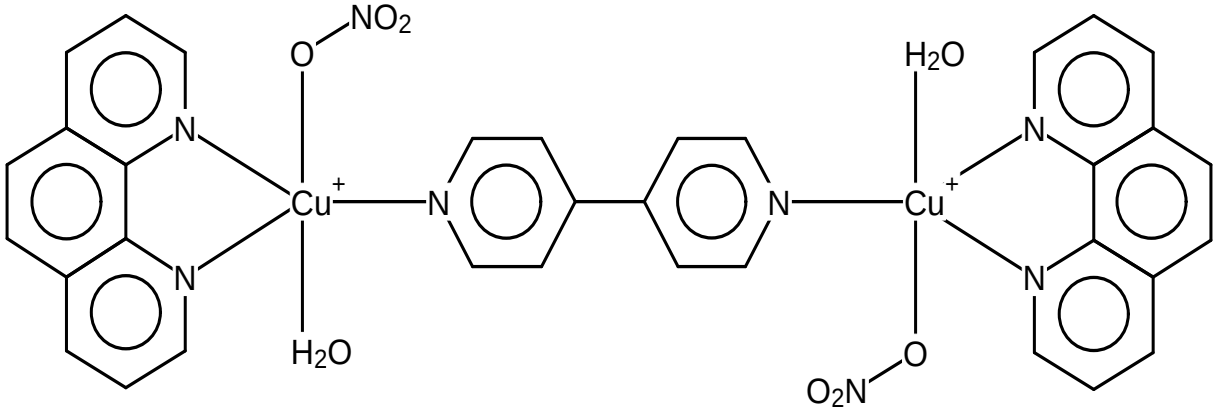
AFEGEY

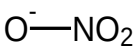
Reference: Zhong-Xiang Du, Jun-Xia Li (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2282

Formula: $C_{34}\ H_{28}\ Cu_2\ N_8\ O_8\ ^{2+},2(N_1\ O_3\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(1,10-phenanthroline-N,N')-diaqua-dinitrato-di-copper(ii) dinitrate

Space Group:	P-1	***Cell:***	***a*** 7.375(1)	***b*** 8.925(2)	***c*** 13.812(3)
Space Group No.:	2	***(Å,°)***	α 92.35(0)	β 97.60(0)	γ 96.31(0)
R-Factor (%):	5.01	***Temperature(K):***	291	***Density(g/cm^3):***	1.723





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 36

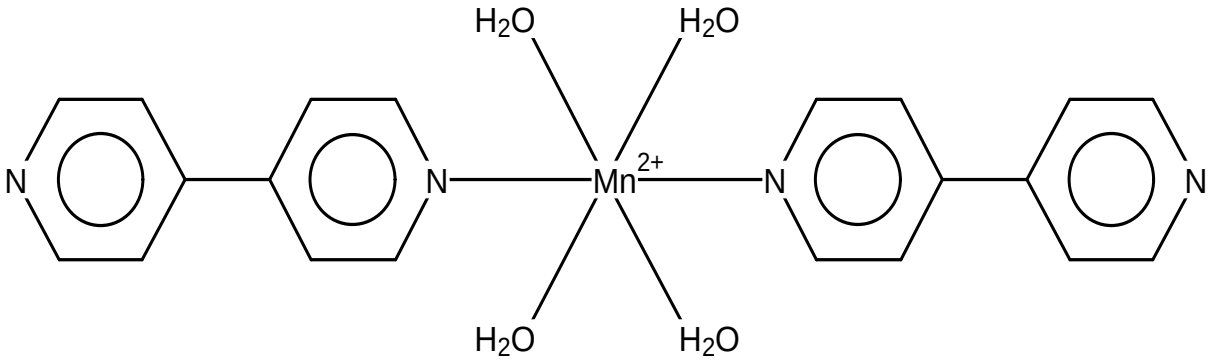
AFEGIC

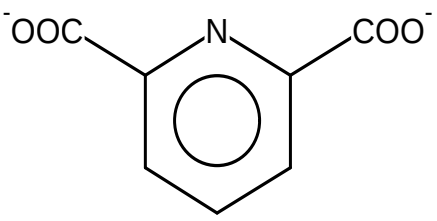
Reference: Yu-Xiang Gao, Li-Bin Wang, Yan-Ling Niu (2007)
*Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,**m2283

Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4\,^{2+}$,$C_7\,H_3\,N_1\,O_4\,^{2-}$,4($H_2\,O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-manganese(ii) pyridine-2,6-dicarboxylate tetrahydrate

Space Group:	Cc	***Cell:***	***a***	18.407(2)	***b***	6.823(1)	***c*** 25.293(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	99.40(2)	γ 90.00
R-Factor (%):	3.31	***Temperature(K):***	293		***Density(g/cm^3):***		1.434





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 37

AFEHOI

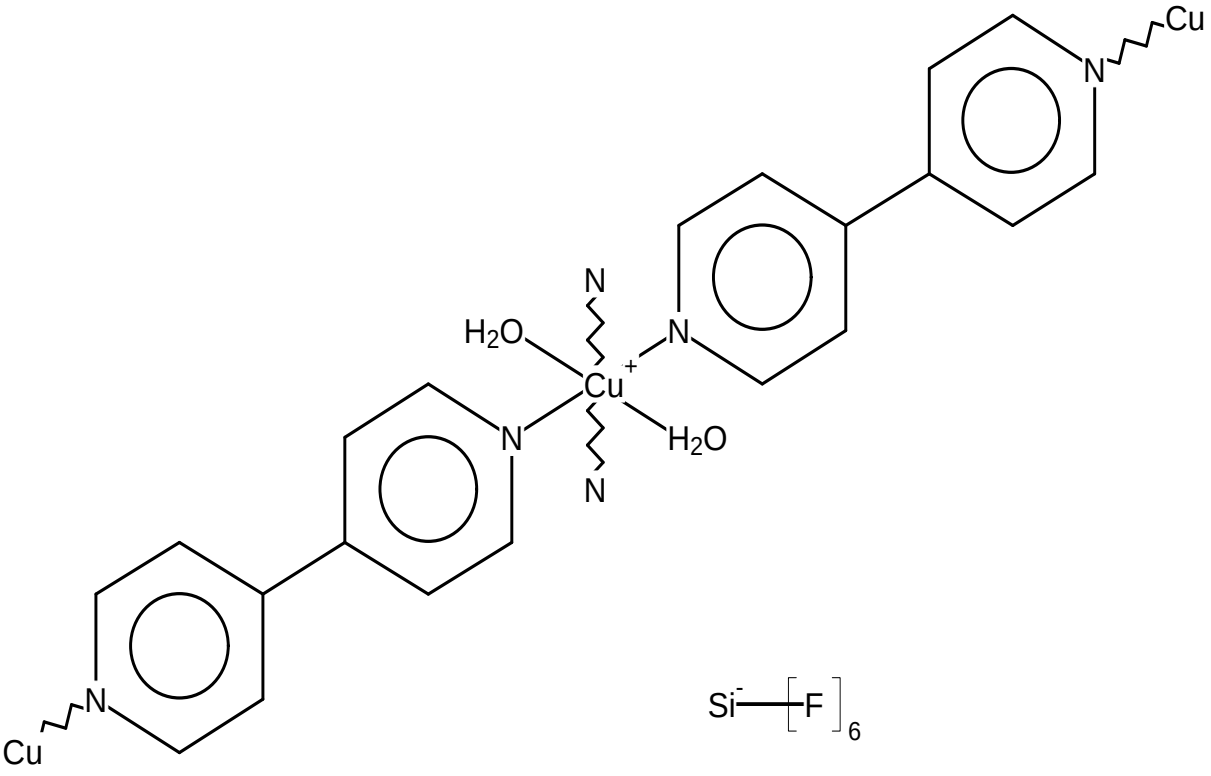
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{1+})n,n(F_6\ Si_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-diaqua-copper(ii) hexafluorosilicon)

Space Group:	P4/ncc	***Cell:***	***a***	11.080(2)	***b***	11.080(2)	***c***	16.024(0)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.44 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.871



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 38

AFEHUO

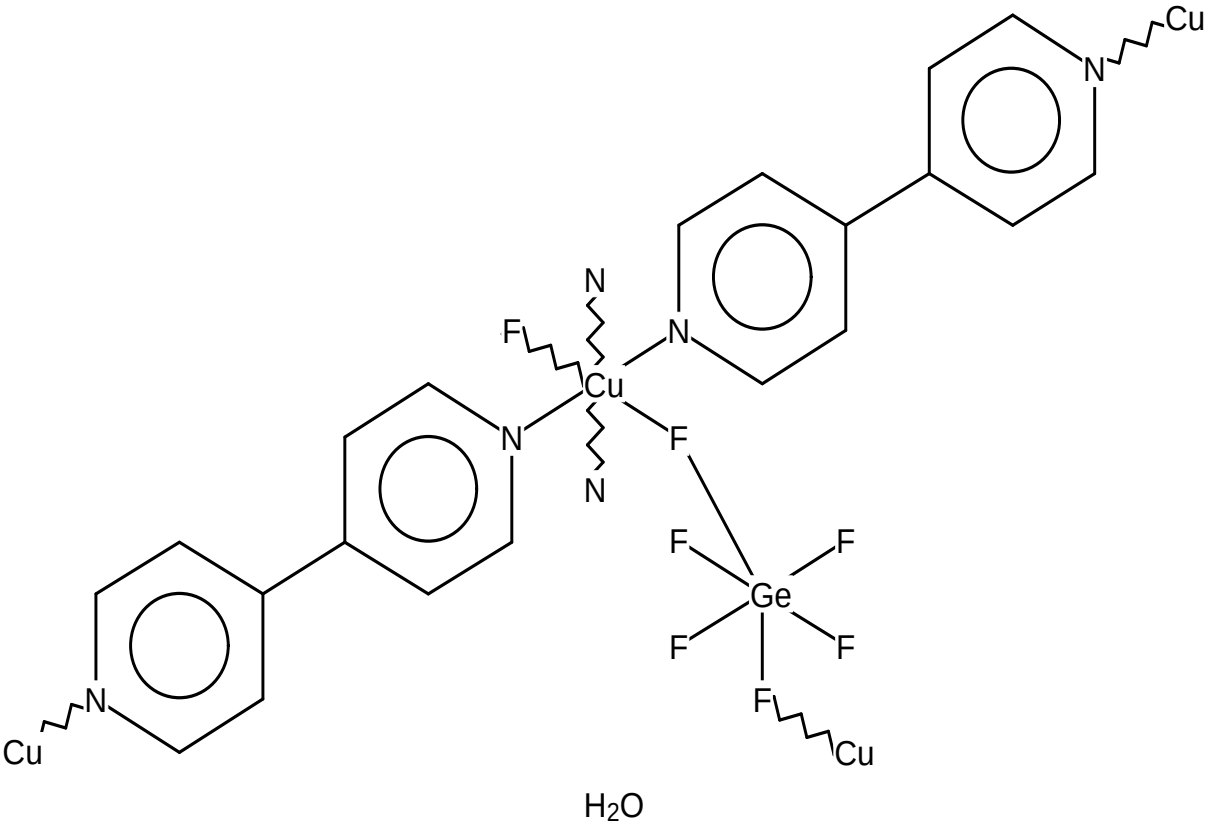
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{20}\ H_{16}\ Cu_1\ F_6\ Ge_1\ N_4)n,8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-hexafluoro-germanium)-copper(ii) octahydrate)

Space Group:	P4/mmm	***Cell:***	***a***	11.113(4)	***b***	11.113(4)	***c***	8.263(6)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.57 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.150



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 39

AFEJAW

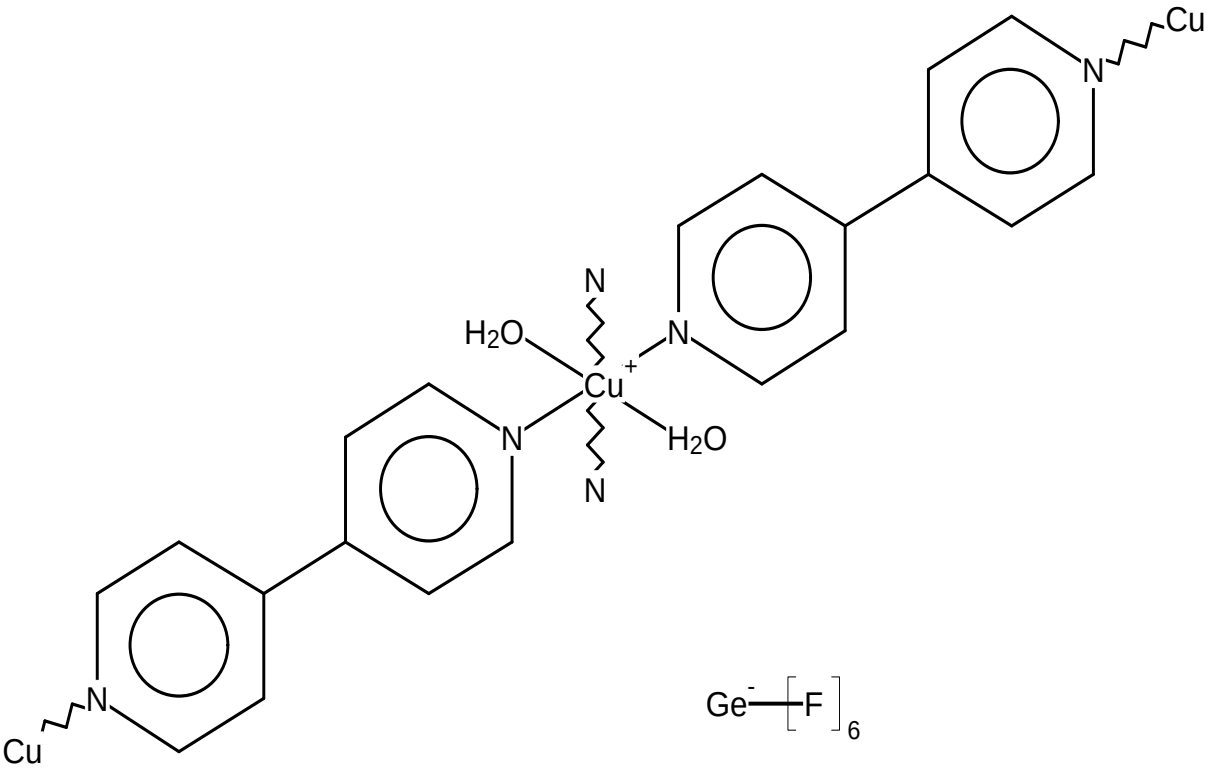
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{1+})n,n(F_6\ Ge_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-diaqua-copper(ii) hexafluoro-germanium)

Space Group:	P4/ncc	***Cell:***	***a***	11.146(4)	***b***	11.146(4)	***c***	15.941(7)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.73 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.007



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 40

AFEJEA

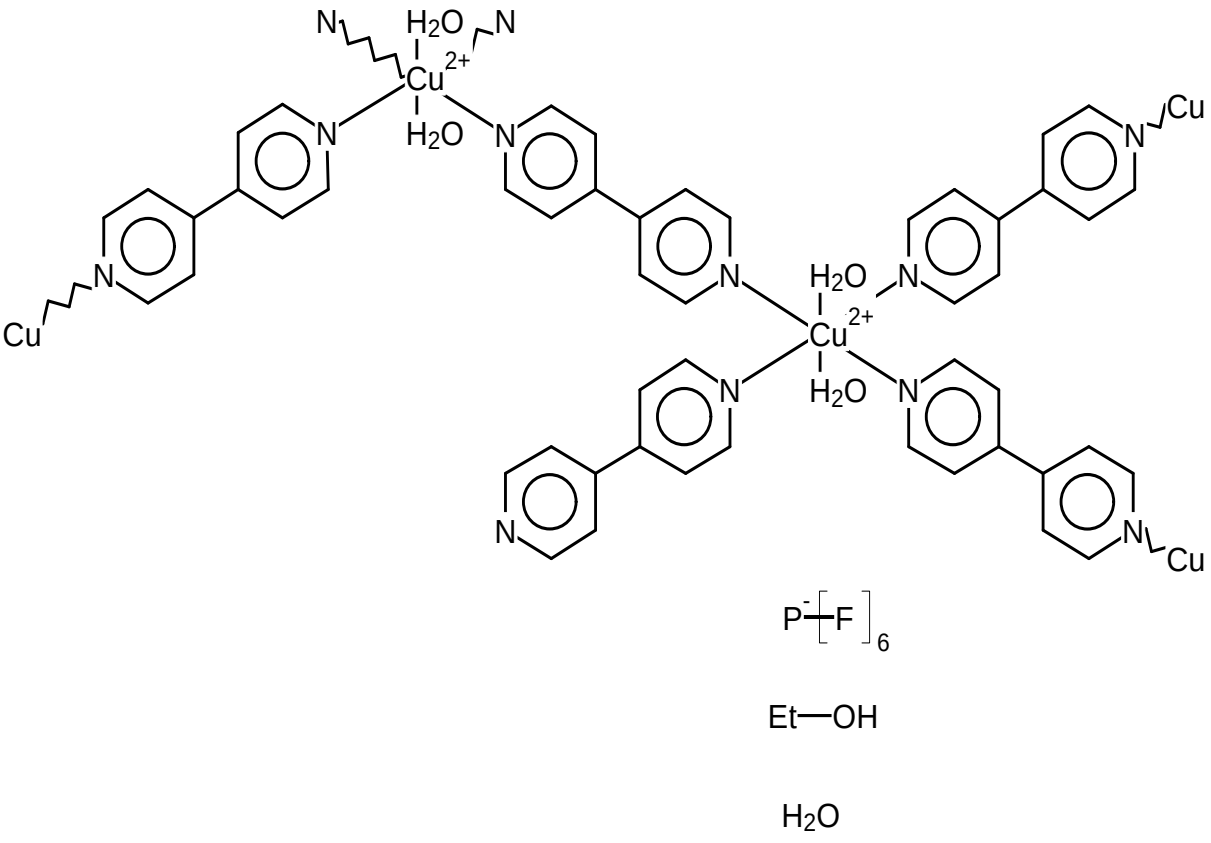
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{50}\ H_{48}\ Cu_2\ N_{10}\ O_4\ ^{4+})n,4n(F_6\ P_1\ ^{1-}),4n(C_2\ H_6\ O_1),2n(H_2\ O_1)$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine)-tetraaqua-di-copper(ii) tetrakis(hexafluorophosphate) ethanol solvate dihydrate)

Space Group:	Aba2	***Cell:***	***a***	45.470(10)	***b***	20.523(8)	***c***	8.229(3)
Space Group No.:	41	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 10.02 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 41

AFEJIE

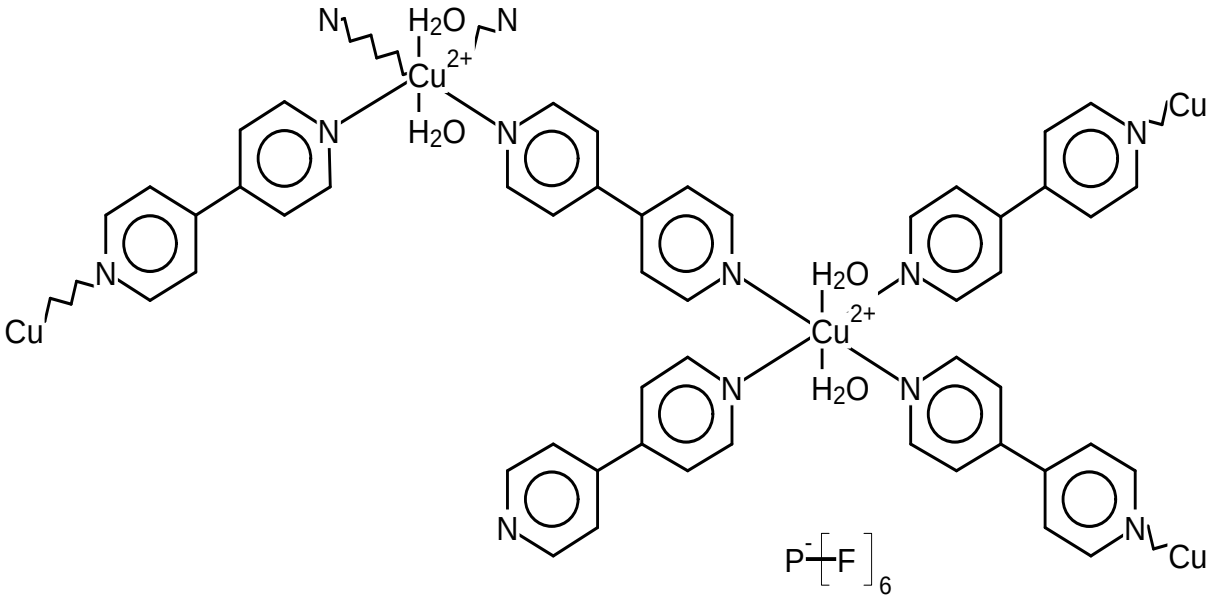
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{50}\ H_{48}\ Cu_2\ N_{10}\ O_4\ ^{4+})n,2n(F_6\ P_1\ ^{1-}),2n(Cl_1\ O_4\ ^{1-}),4n(C_2\ H_6\ O_1),2n(H_2\ O_1)$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine)-tetraaqua-di-copper(ii) bis(hexafluorophosphate) diperchlorate ethanol solvate dihydrate)

Space Group:	Aba2	***Cell:***	***a***	44.870(10)	***b***	20.292(5)	***c*** 8.170(2)
Space Group No.:	41	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 9.71 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.508



ClO_4^-

Et—OH

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 42

AFEJOK

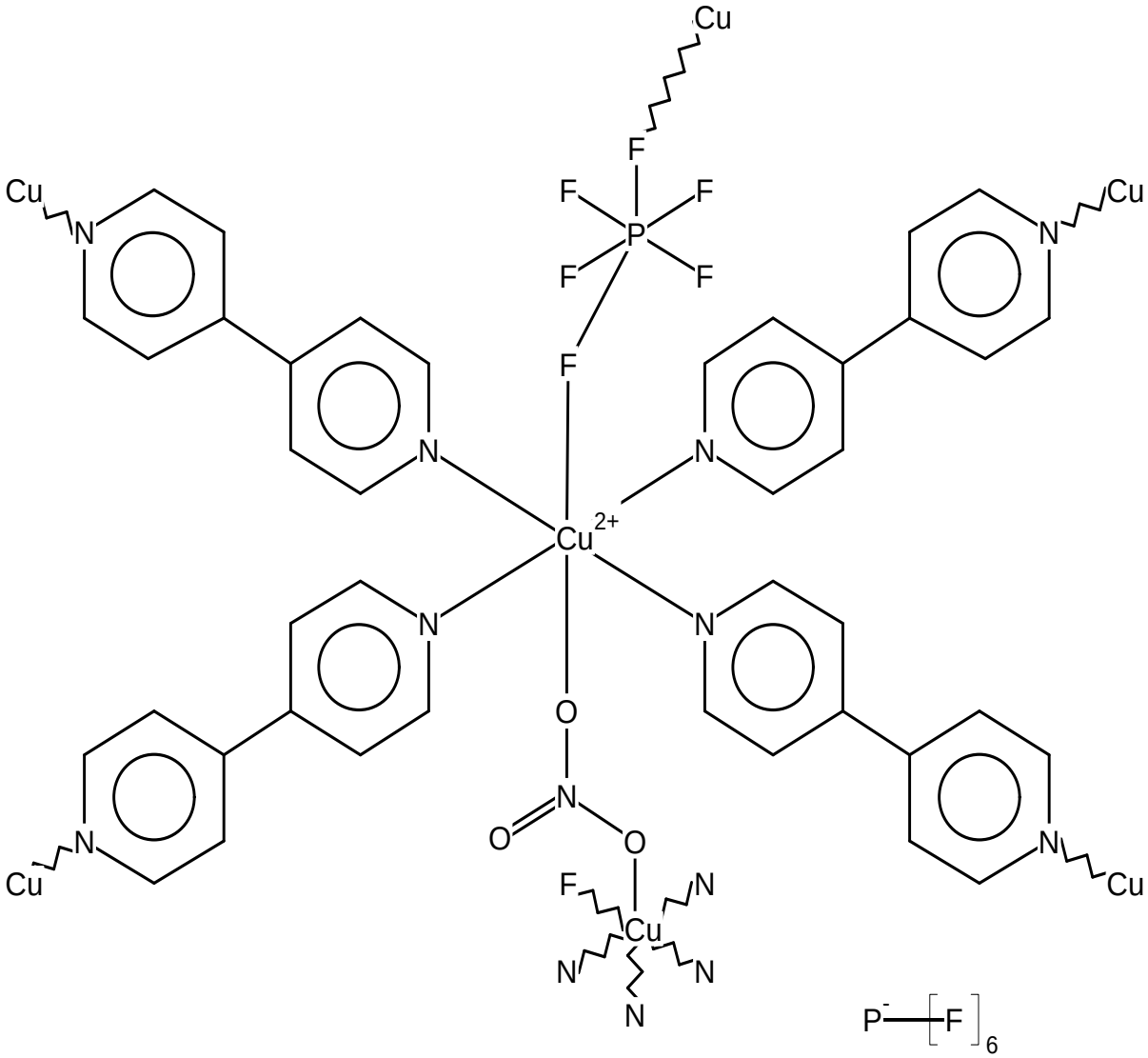
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{40}\ H_{32}\ Cu_2\ F_6\ N_9\ O_3\ P_1\ ^{2+})n,2n(F_6\ P_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-(μ_2-hexafluorophosphate)-(μ_2-nitrato)-copper(ii) bis(hexafluorophosphate) dihydrate)

Space Group:	C2/m	***Cell:***	***a*** 22.184(2)	***b*** 15.313(1)	***c*** 11.109(0)
Space Group No.:	12	***(Å,°)***	α 90.00	β 93.70(0)	γ 90.00

R-Factor (%): 6.42 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.133



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 43

AFEJUQ

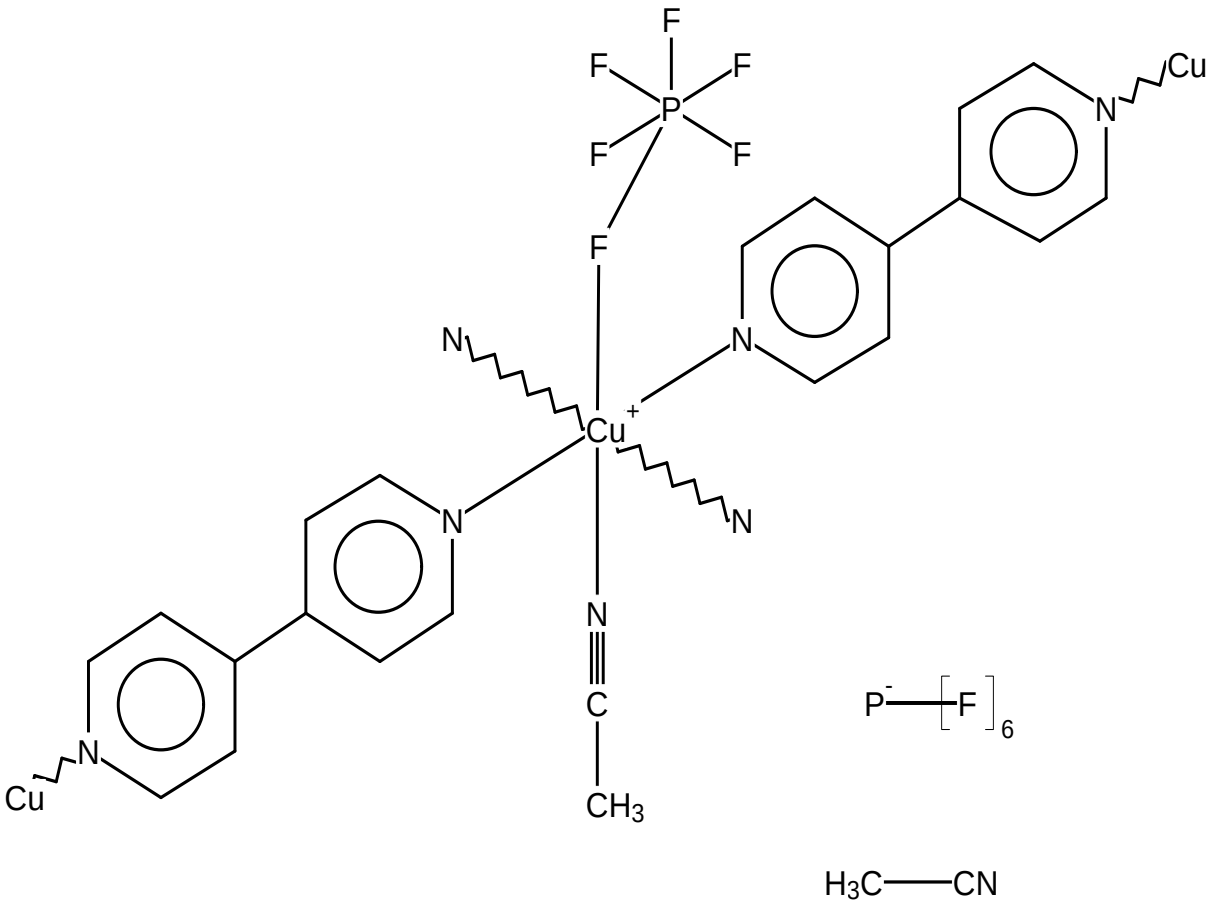
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{22}\ H_{19}\ Cu_1\ F_6\ N_5\ P_1\ ^{1+})n,n(F_6\ P_1\ ^{1-}),2n(C_2\ H_3\ N_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(acetonitrile)-(hexafluorophosphate)-copper(ii) hexafluorophosphate acetonitrile solvate)

Space Group:	P21/c	***Cell:***	***a***	11.161(0)	***b***	13.179(0)	***c*** 22.197(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.57(0)	γ 90.00

R-Factor (%): 6.89 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 44

AFEKAX

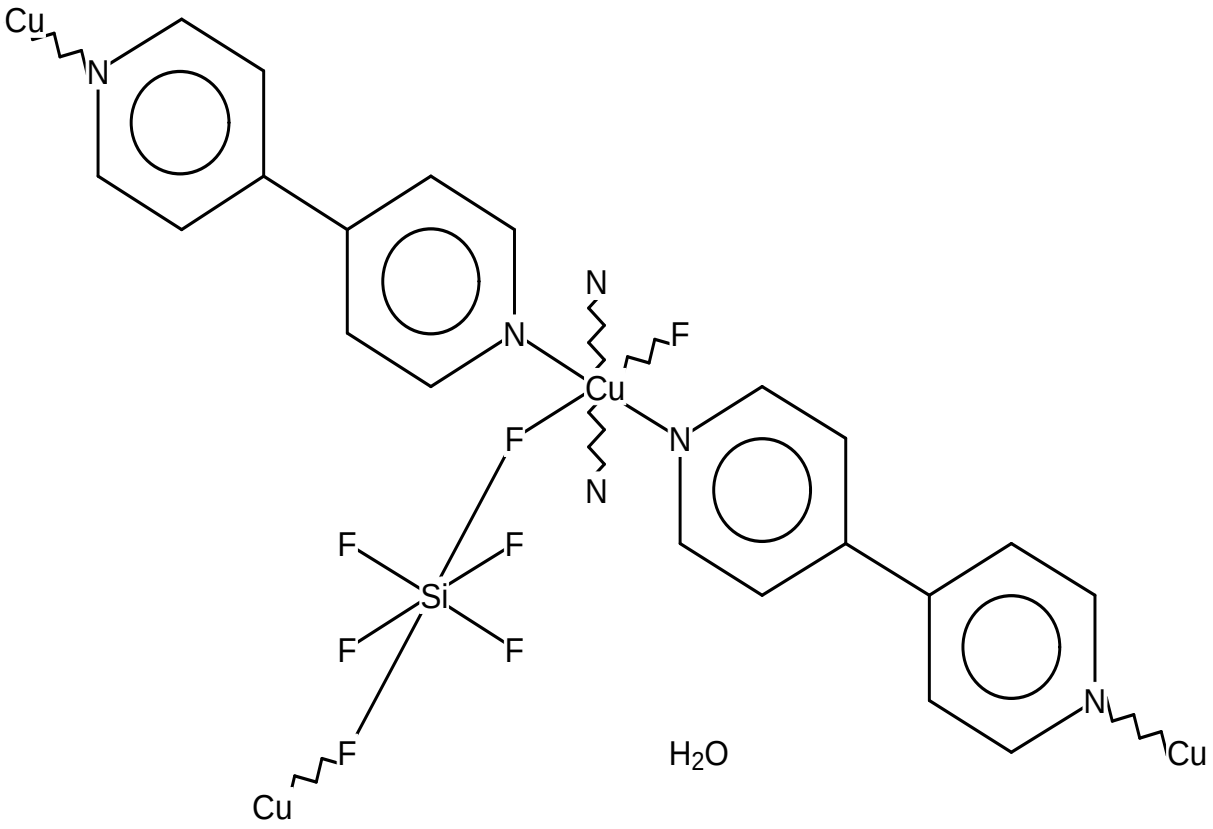
Reference: S.Noro, R.Kitaura, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka, M.Yamashita (2002) *J.Am.Chem.Soc. ,***124,**2568

Formula: $(C_{20}\ H_{16}\ Cu_1\ F_6\ N_4\ Si_1)n,5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-hexafluorosilicon)-copper(ii) pentahydrate)

Space Group:	P4/mmm	***Cell:***	***a***	11.045(0)	***b***	11.045(0)	***c***	8.055(1)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 12.87 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.028



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 45

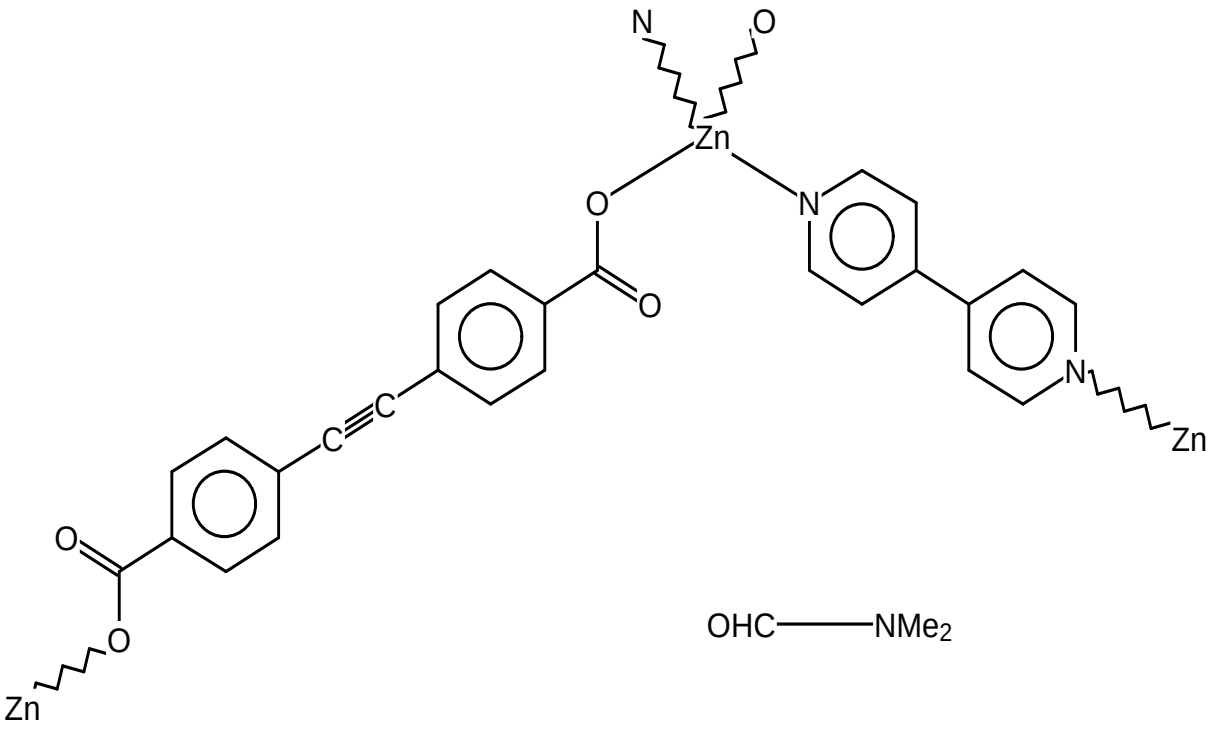
AFITEP

Reference: T.Gadzikwa, Bi-Shun Zeng, J.T.Hupp, S.T.Nguyen (2008) *Chem.Commun.* ,3672

Formula: $(C_{26}\ H_{16}\ N_2\ O_4\ Zn_1)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-(μ_2-4,4'-ethyne-1,2-diyldibenzoato-O,O')-zinc dimethylformamide solvate]

Space Group:	C2/c	***Cell:***	***a***	28.848(7)	***b***	6.175(1)	***c***	17.144(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	98.84(0)	γ	90.00
R-Factor (%):	7.18	***Temperature(K):***	153		***Density(g/cm^3):***	1.391		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 46

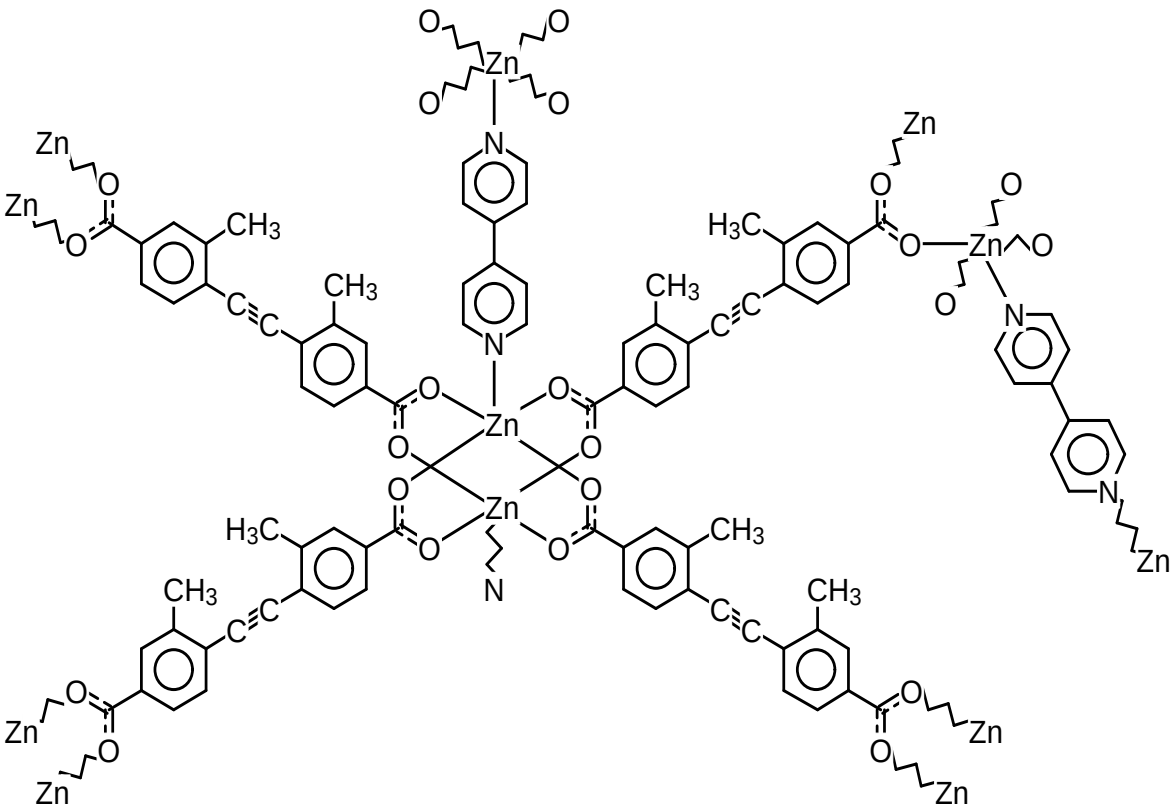
AFITIT

Reference: T.Gadzikwa, Bi-Shun Zeng, J.T.Hupp, S.T.Nguyen (2008) *Chem.Commun.* ,3672

Formula: $(C_{92}\ H_{64}\ N_4\ O_{16}\ Zn_4)n,6.7n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[tetrakis(μ_4-4,4'-Ethyne-1,2-diylbis(3-methylbenzoato)-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-tetra-zinc dimethylformamide solvate]

Space Group:	C2	***Cell:***	***a***	21.792(2)	***b***	27.979(3)	***c*** 14.033(1)
Space Group No.:	5	***(Å,°)***	α	90.00	β	93.58(0)	γ 90.00
R-Factor (%):	5.11	***Temperature(K):***	153		***Density(g/cm^3):***		1.302



$OHC{-}NMe_2$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 47

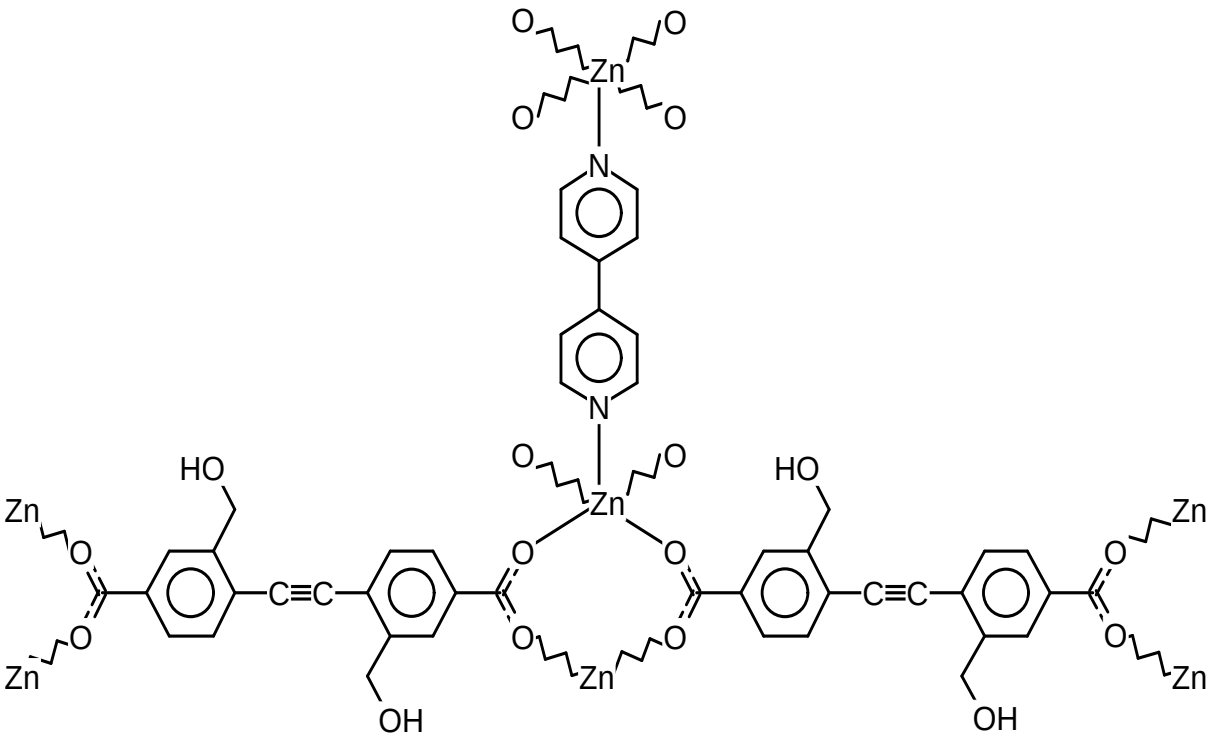
AFITOZ

Reference: T.Gadzikwa, Bi-Shun Zeng, J.T.Hupp, S.T.Nguyen (2008) *Chem.Commun.* ,3672

Formula: $(C_{46}\ H_{32}\ N_2\ O_{12}\ Zn_2)n$

Compound Name: catena-[bis(μ_4-4,4'-Ethyne-1,2-diylbis(3-hydroxymethylbenzoato)-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-zinc]

Space Group:	C2	***Cell:***	***a***	21.909(16)	***b***	27.458(16)	***c***	14.013(9)
Space Group No.:	5	***(Å,°)***	α	90.00	β	93.18(1)	γ	90.00
R-Factor (%):	11.42	***Temperature(K):***	153		***Density(g/cm^3):***	0.738		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 48

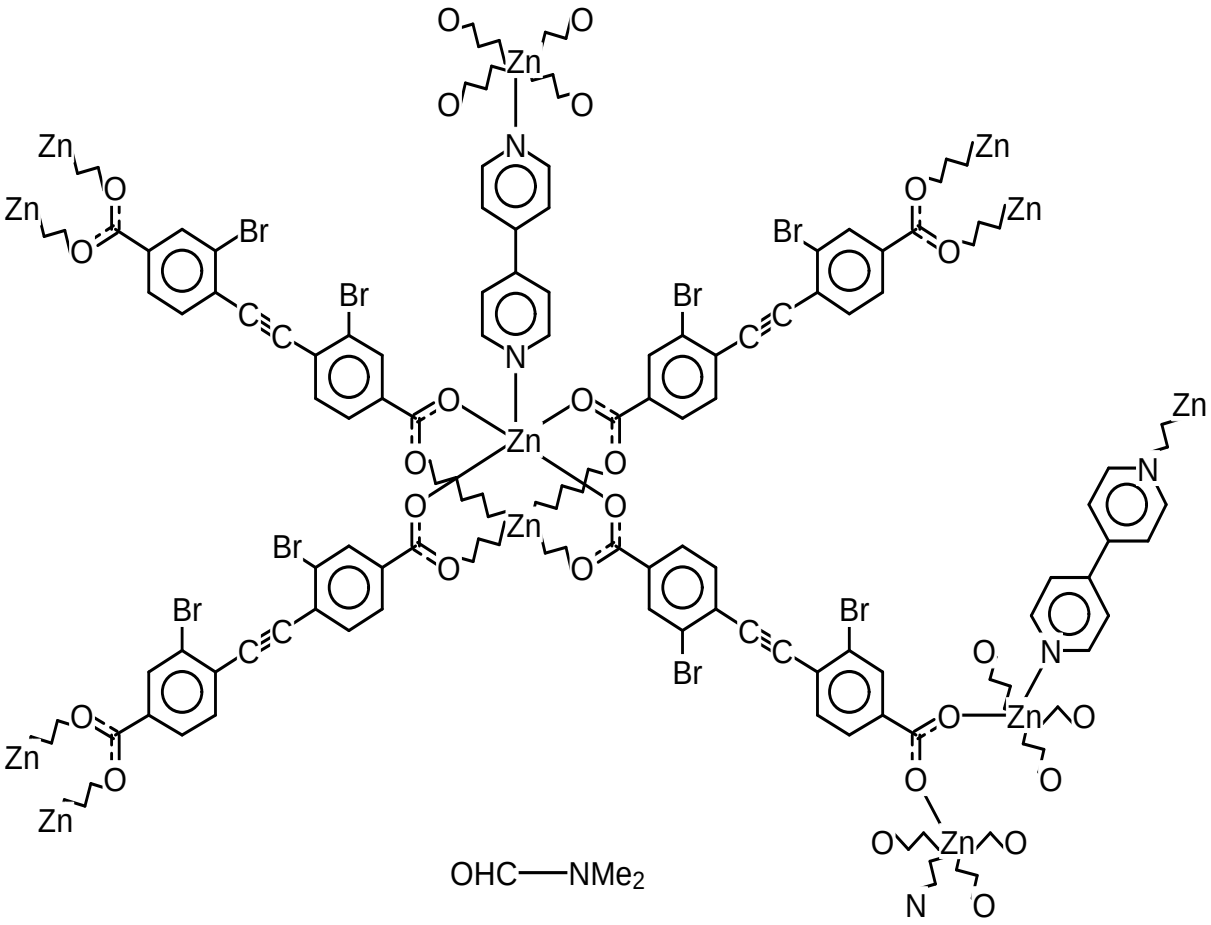
AFITUF

Reference: T.Gadzikwa, Bi-Shun Zeng, J.T.Hupp, S.T.Nguyen (2008) *Chem.Commun.* ,3672

Formula: $(C_{84}\ H_{40}\ Br_8\ N_4\ O_{16}\ Zn_4)n,6.7n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[tetrakis(μ_4-4,4'-Ethyne-1,2-diylbis(3-bromobenzoato)-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-tetra-zinc dimethylformamide solvate]

Space Group:	P21	***Cell:***	***a*** 14.083(0)	***b*** 28.252(1)	***c*** 21.452(1)
Space Group No.:	4	***(Å,°)***	α 90.00	β 93.56(0)	γ 90.00
R-Factor (%):	6.56	***Temperature(K):***	153	***Density(g/cm^3):***	1.609



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 49

AFOLEN

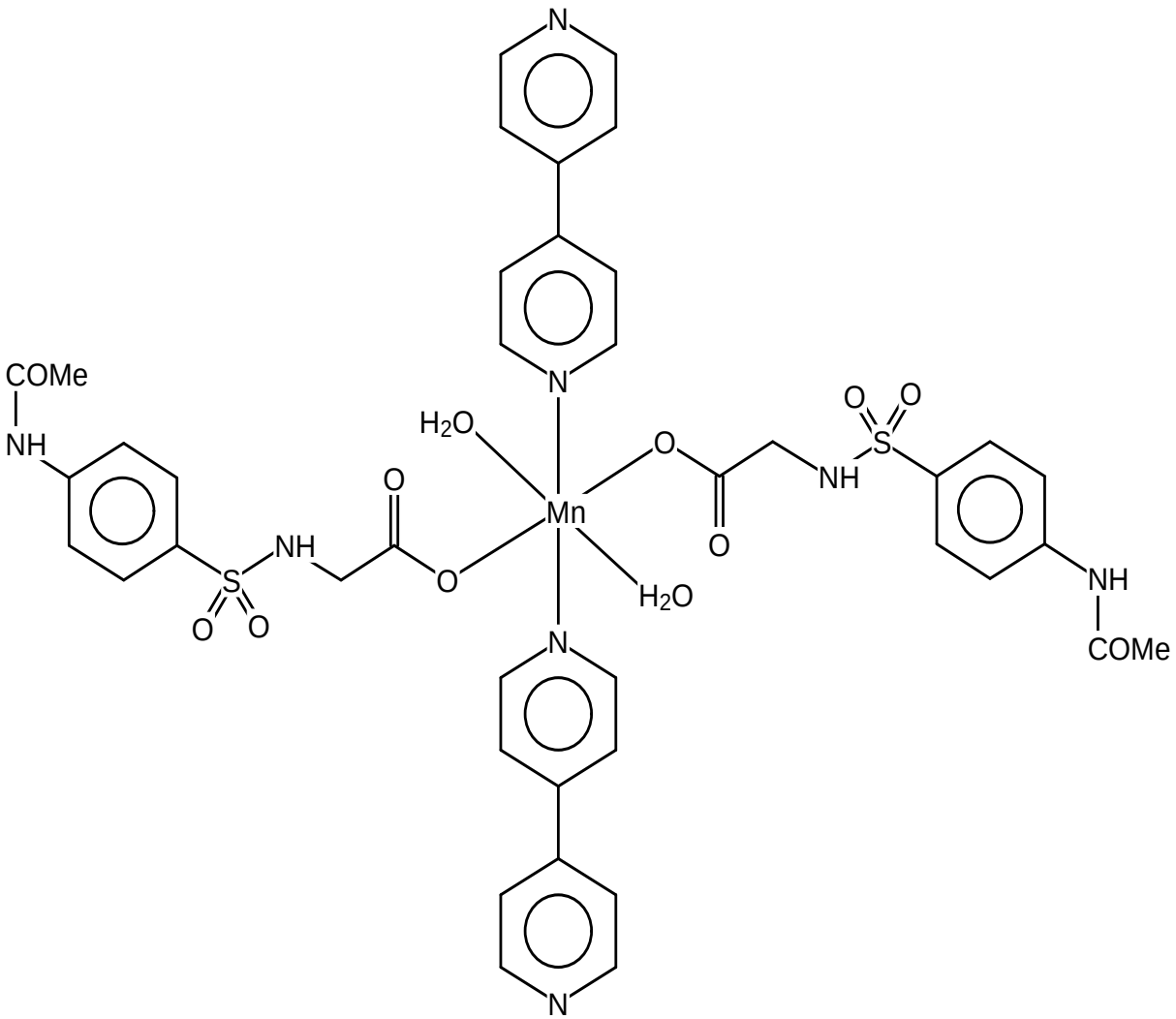
Reference: Hongwei Hou, Shuhui Chen, Liya Wang, Lufang Ma (2008) *J.Coord.Chem.* ,**61,**2690

Formula: $C_{40}\ H_{42}\ Mn_1\ N_8\ O_{12}\ S_2$

Compound Name: Diaqua-bis(N-(p-acetamidobenzenesulfonyl)glycinato)-bis(4,4'-bipyridine) -manganese(ii)

Space Group:	P21/n	***Cell:***	***a***	9.999(0)	***b*** 10.532(1)	***c***	20.543(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 98.55(0)	γ	90.00

R-Factor (%): 3.78 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.468



Search: search1 (Thu May 26 10:05:42 2011): Hit 50

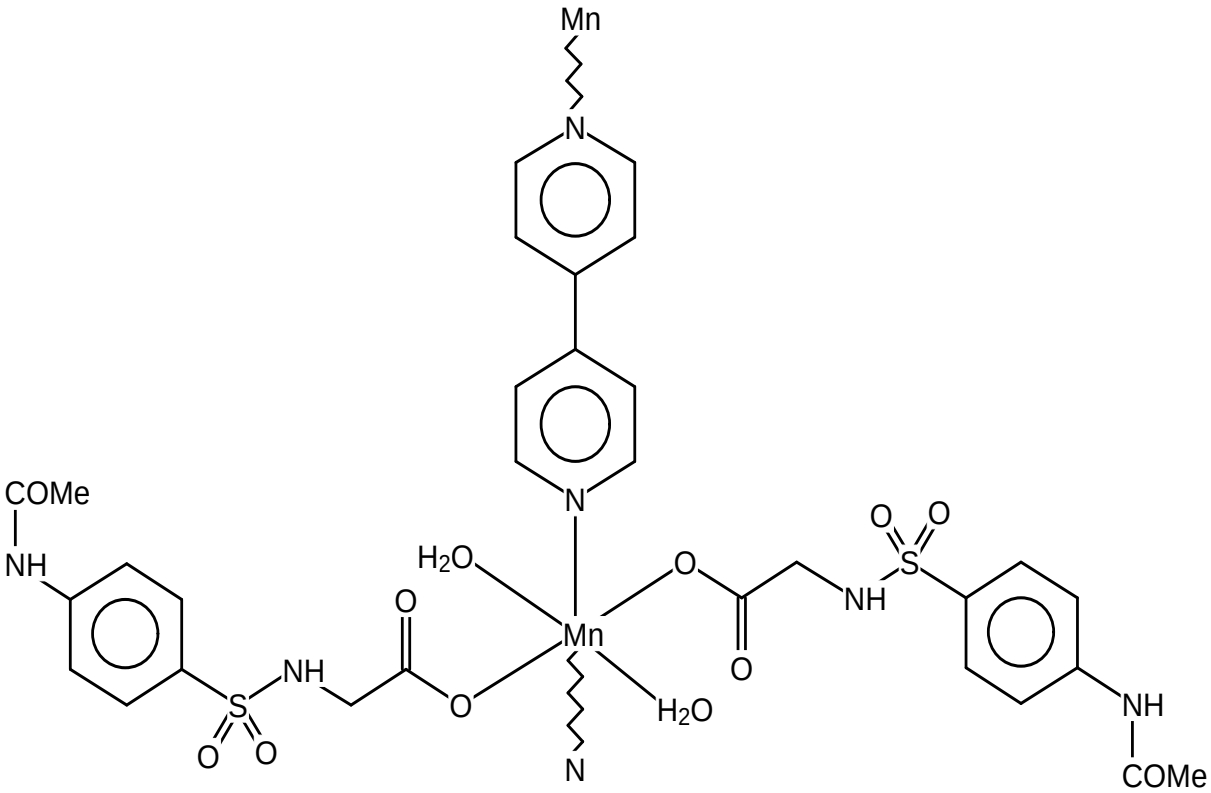
AFOLIR

Reference: Hongwei Hou, Shuhui Chen, Liya Wang, Lufang Ma (2008) *J.Coord.Chem. ,***61,**2690

Formula: $(C_{30}\ H_{34}\ Mn_1\ N_6\ O_{12}\ S_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-diaqua-bis(N-(p-acetamidobenzenesulfonyl) glycinato)-manganese(ii)]

Space Group:	P-1	***Cell:***	***a*** 7.698(0)	***b*** 10.554(1)	***c*** 11.415(1)
Space Group No.:	2	***(Å,°)***	α 74.69(0)	β 73.02(0)	γ 77.73(0)
R-Factor (%):	3.51	***Temperature(K):***	291	***Density(g/cm^3):***	1.550



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 51

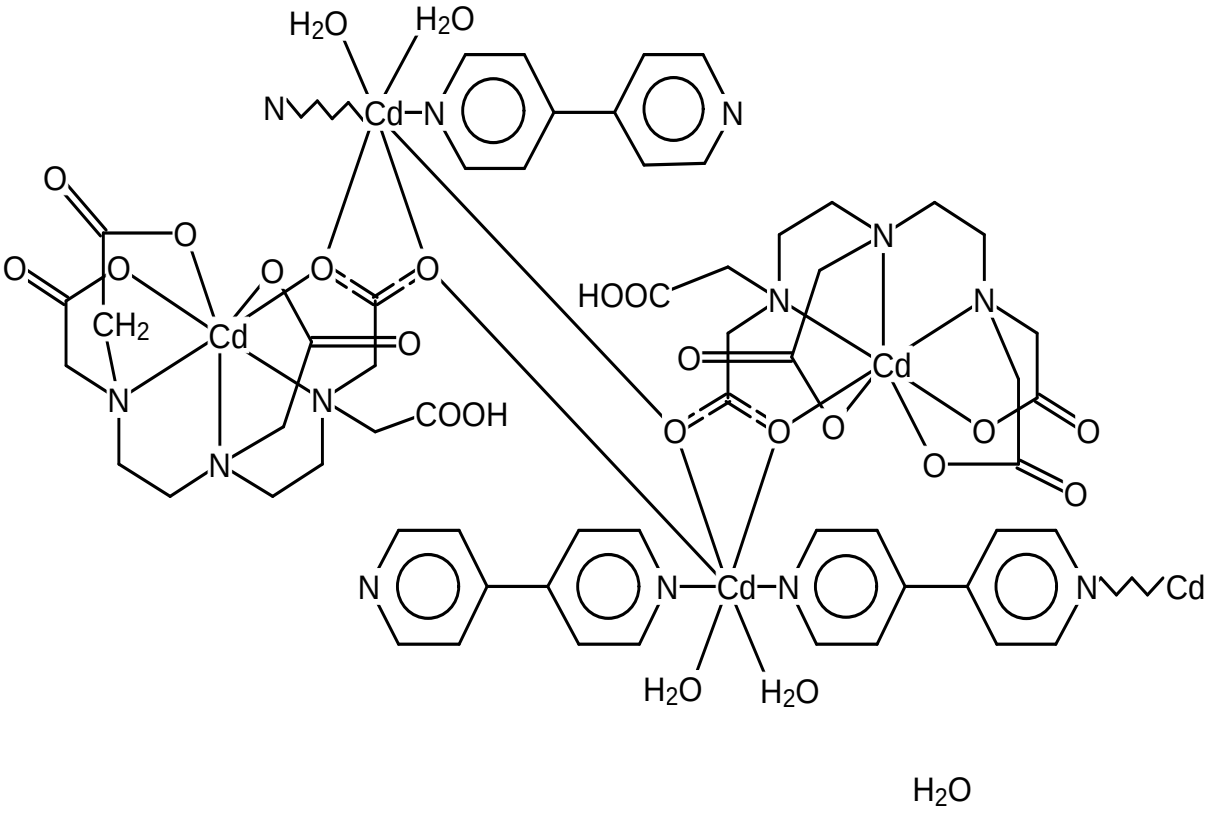
AHIKOR

Reference: F.A.Almeida Paz, A.D.Bond, Y.Z.Khimyak, J.Klinowski (2002) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***58,**m608

Formula: $(C_{58}\ H_{70}\ Cd_4\ N_{12}\ O_{24})n,14n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-N''-Carboxymethyldiethylenetriamine-N,N,N',N''-tetraacetato)-(μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-tetraaqua-tetra-cadmium(ii) tetradecahydrate]

Space Group:	P-1	***Cell:***	***a***	10.279(0)	***b***	12.667(0)	***c***	16.250(0)
Space Group No.:	2	***(Å,°)***	α	71.69(0)	β	89.36(0)	γ	76.32(0)
R-Factor (%):	2.70	***Temperature(K):***	180	***Density(g/cm^3):***	1.724			



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 52

AHUNEW

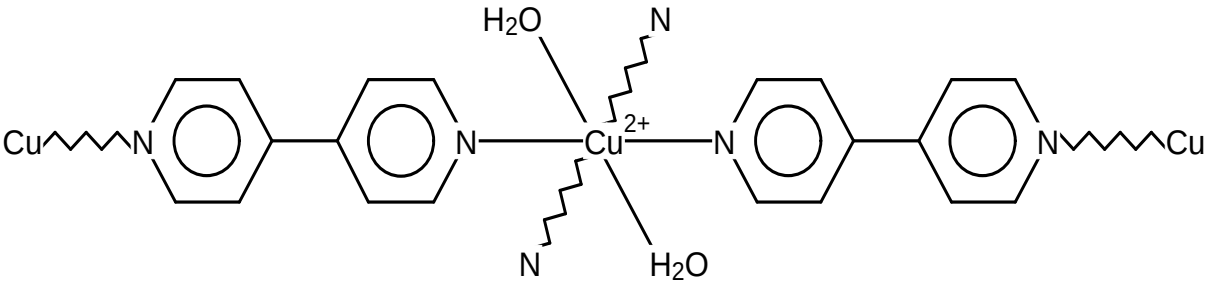
Reference: S.Noro, S.Kitagawa (2002) *Stud.Surf.Sci.Catal.* ,**141,**363

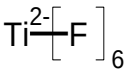
Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(F_6\ Ti_1\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-diaqua-copper(ii) hexafluorotitanate)

Space Group:	P4/ncc	***Cell:***	***a***	11.301(1)	***b***	11.301(1)	***c*** 15.733(2)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.23 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.897





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 53

AHUSOM

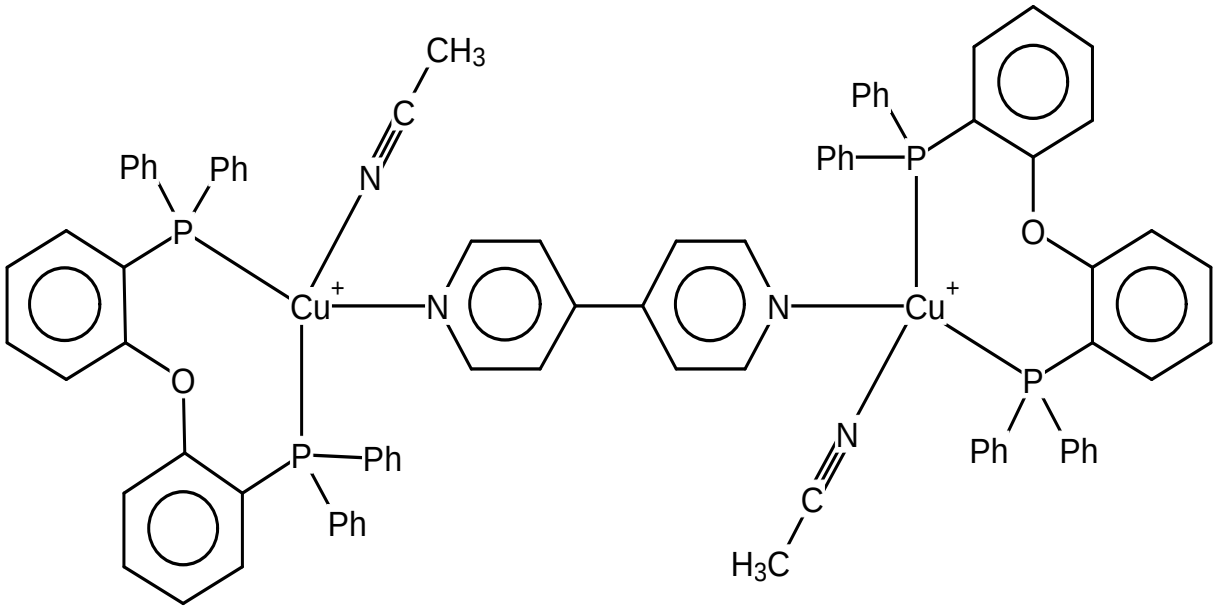
Reference: Chun-Bo Liu, Guang-Bo Che, Xiu-Ying Li, Mei Liu, Zhan-Lin Xu, Wen-Lian Li, Qing-Wei Wang (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**1097

Formula: $C_{86}\,H_{70}\,Cu_2\,N_4\,O_2\,P_4\,^{2+}$,2($B_1\,F_4\,^{1-}$),$C_4\,H_{10}\,O_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(acetonitrile)-bis(bis(2-(diphenylphosphino) phenyl) ether-P,P')-di-copper(i) bis(tetrafluoroborate) diethyl ether peroxide solvate

Space Group:	P-1	***Cell:***	***a***	11.309(4)	***b***	13.015(5)	***c*** 15.691(6)
Space Group No.:	2	***(Å,°)***	α	67.66(0)	β	76.94(0)	γ 78.58(0)

R-Factor (%): 6.08 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.372



BF_4^- EtO——OEt

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 54

AJEWUH

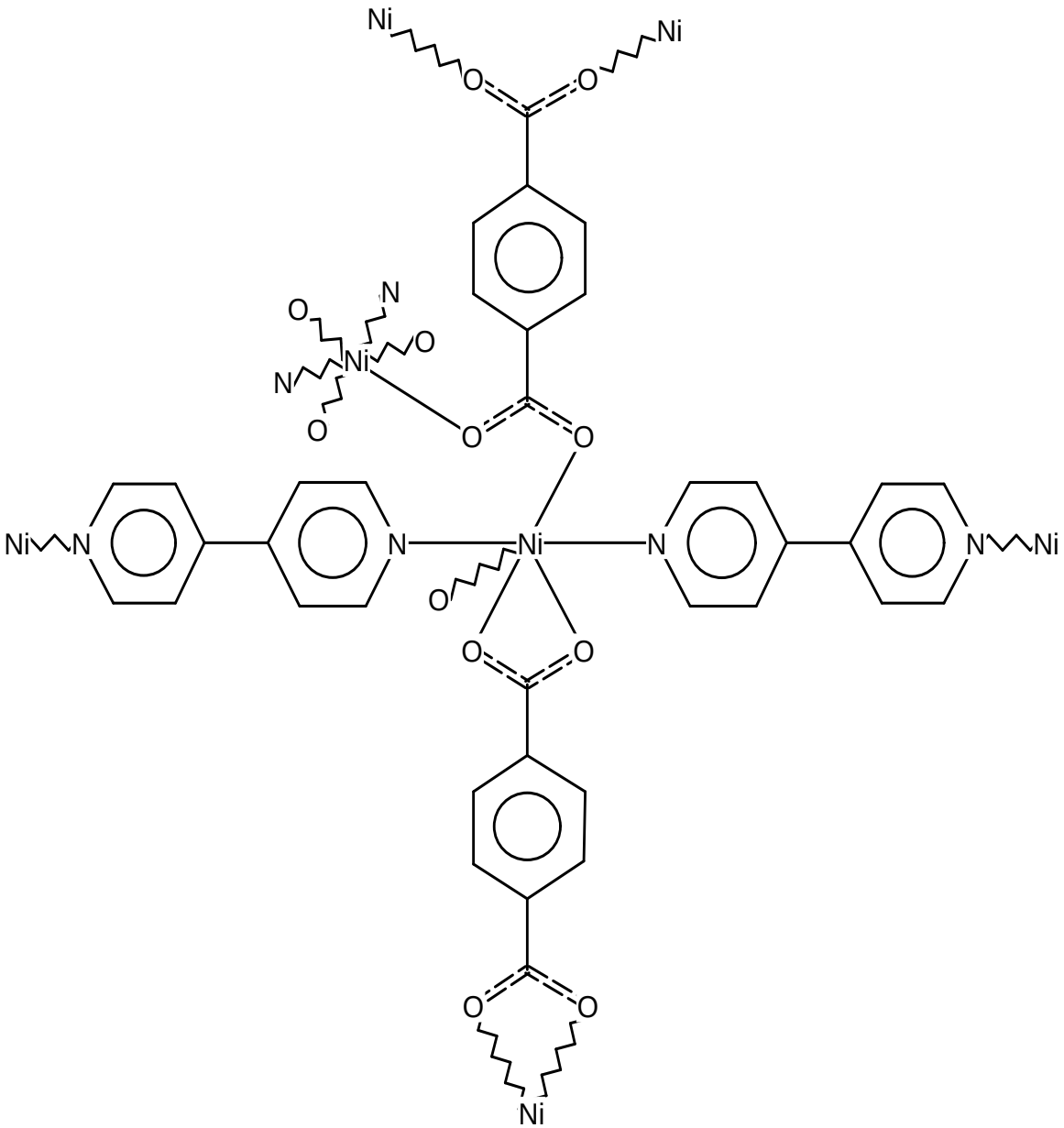
Reference: Shi-Yao Yang, La-Sheng Long, Jun Tao, Rong-Bin Huang, Lan-Sun Zheng, S.W.Ng (2003)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**59,**m454

Formula: $(C_{36}\ H_{24}\ N_4\ Ni_2\ O_8)n$

Compound Name: catena-((μ_4-terephthalato)-(μ_2-terephthalato)-bis(μ_2-4,4'-bipyridine)-di-nickel(ii))

Space Group:	C2/m	***Cell:***	***a***	16.610(3)	***b*** 10.222(2)	***c***	11.237(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β 119.22(3)	γ	90.00

R-Factor (%): 5.50 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.512



Search: search1 (Thu May 26 10:05:42 2011): Hit 55

AJEWUH01

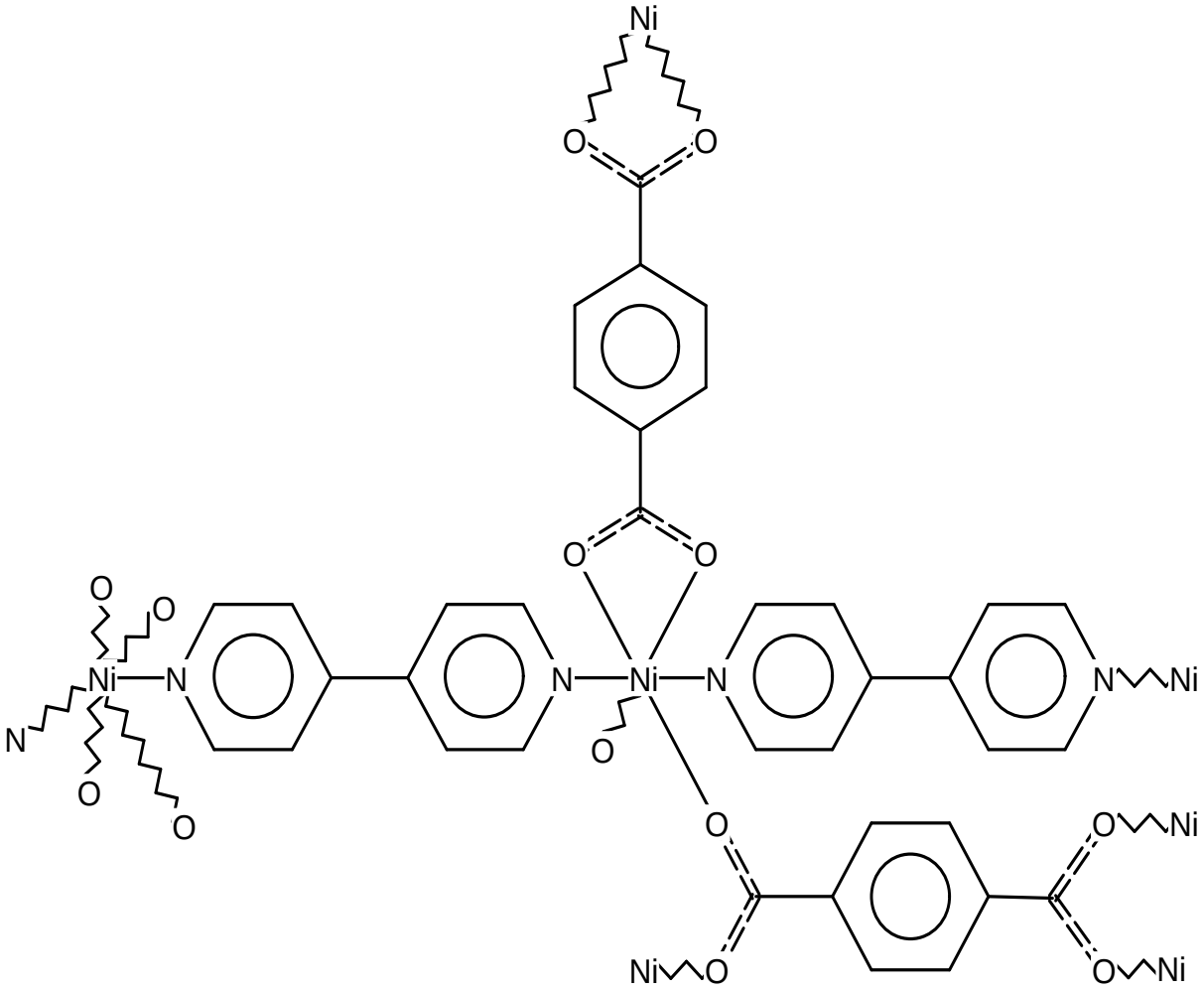
Reference: J.Greve, I.Jes, C.Nather (2003) *Private Communication* ,

Formula: $(C_{36}\ H_{24}\ N_4\ Ni_2\ O_8)n$

Compound Name: catena-((μ_4-terephthalato)-(μ_2-terephthalato)-bis(μ_2-4,4'-bipyridine)-di-nickel(ii))

Space Group:	C2/m	***Cell:***	***a***	16.608(1)	***b*** 10.257(0)	***c***	11.260(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 118.99(0)	γ	90.00

R-Factor (%): 2.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.500



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 56

AKAROT

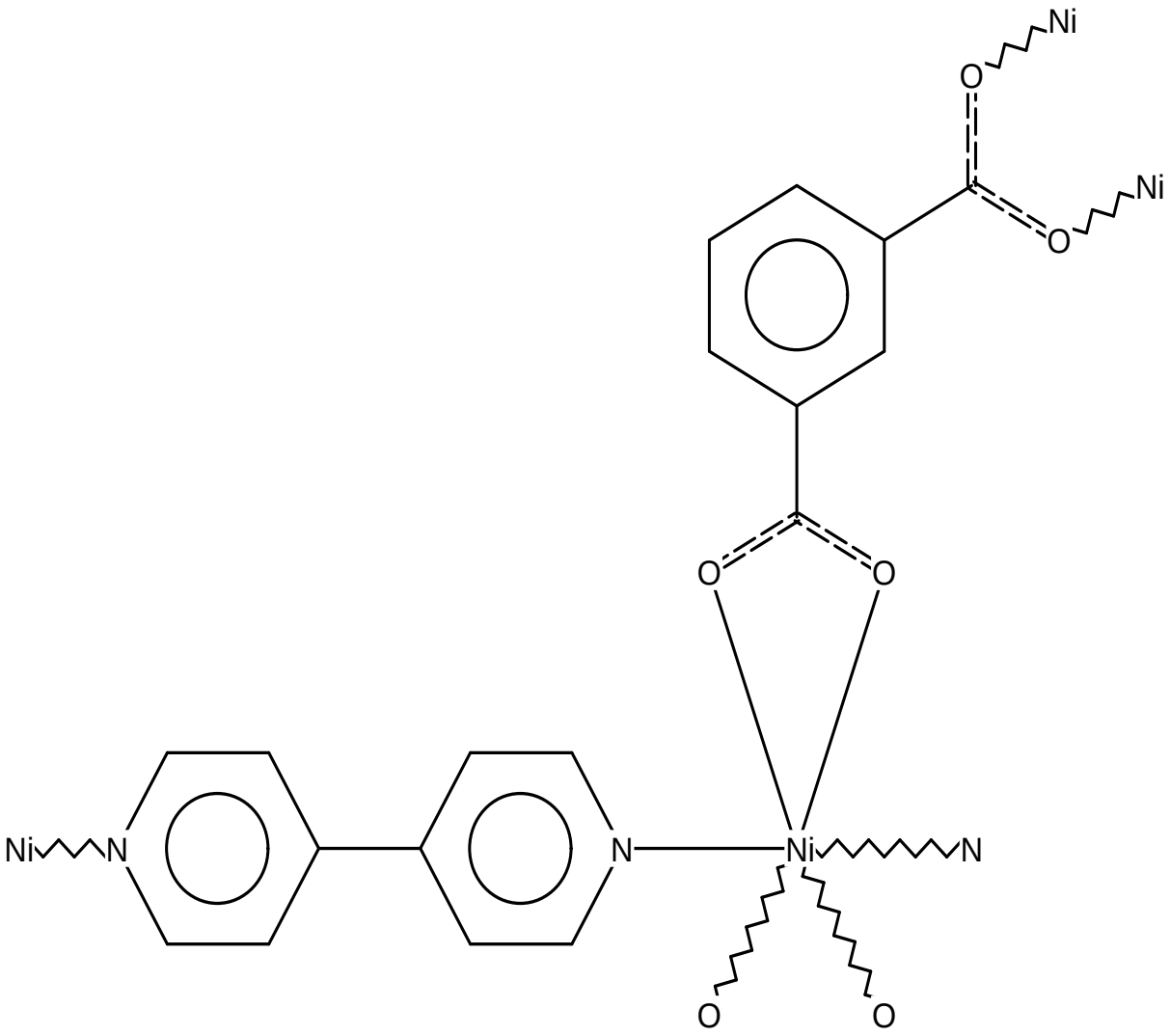
Reference: Jun Tao, Xiao-Ming Chen, Rong-Bin Huang, Lan-Sun Zheng (2003) *J.Solid State Chem. ,***170,**130

Formula: $(C_{18}\ H_{12}\ N_2\ Ni_1\ O_4)n$

Compound Name: catena-((μ_3-benzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridine)-nickel(ii))

Space Group:	P-1	***Cell:***	***a***	9.242(4)	***b***	10.137(5)	***c***	10.144(6)
Space Group No.:	2	***(Å,°)***	α	77.58(1)	β	77.64(1)	γ	71.48(1)

R-Factor (%): 5.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.448



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 57

AKARUZ

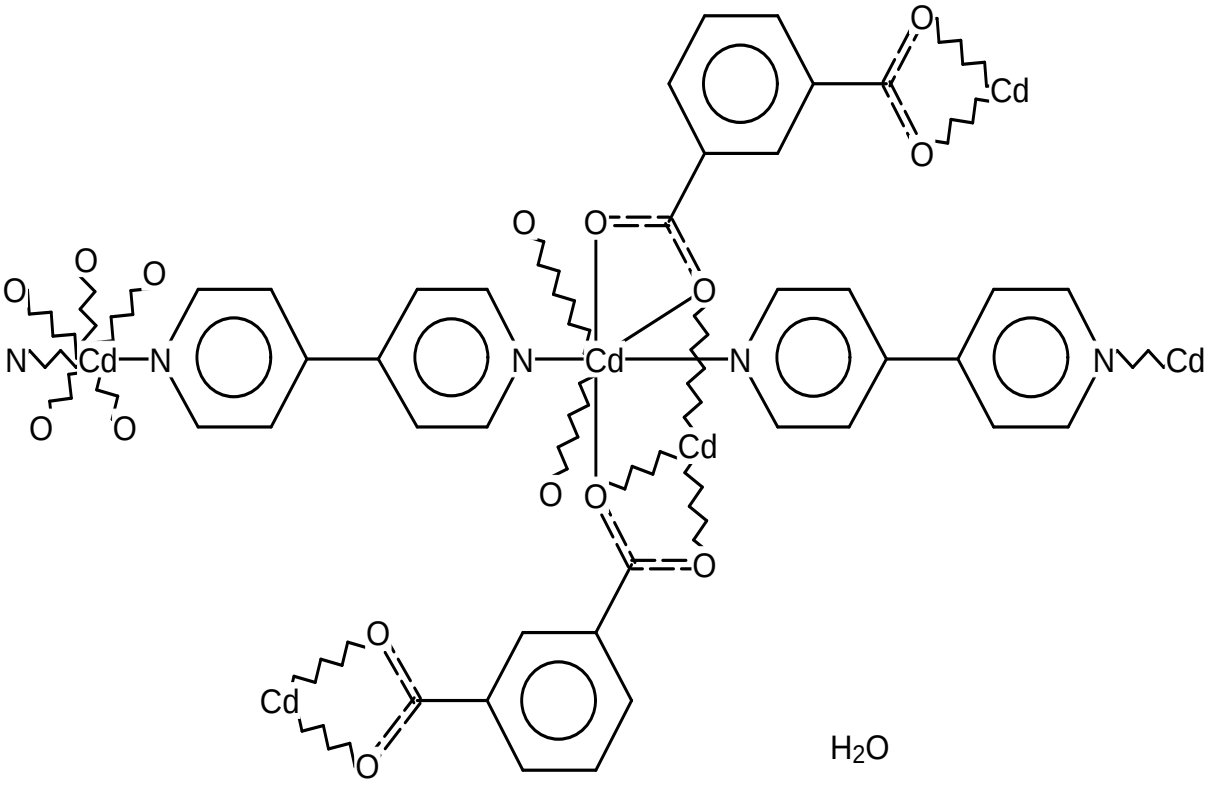
Reference: Jun Tao, Xiao-Ming Chen, Rong-Bin Huang, Lan-Sun Zheng (2003) *J.Solid State Chem. ,***170,**130

Formula: $(C_{36}\ H_{24}\ Cd_2\ N_4\ O_8)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-benzene-1,3-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-di-cadmium(ii) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	10.230(1)	***b*** 11.690(1)	***c***	16.064(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 104.09(0)	γ	90.00

R-Factor (%): 5.84 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.607



Search: search1 (Thu May 26 10:05:42 2011): Hit 58

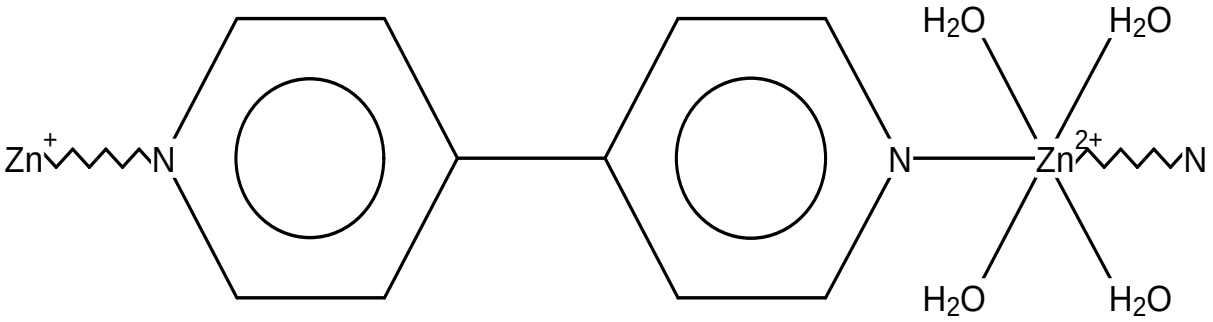
AKIXEX

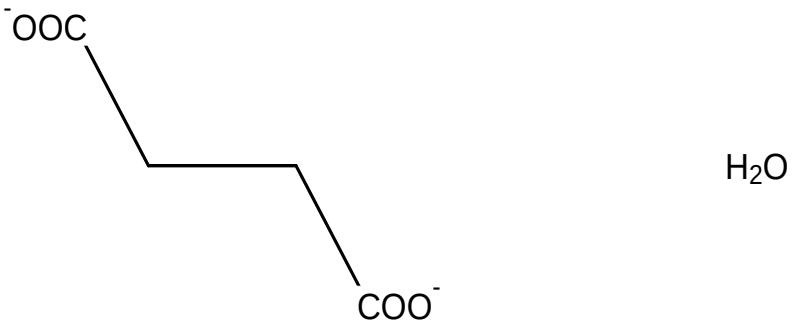
Reference: Yue-Qing Zheng, Jian-Li Lin, Jian-Ye Jiang (2003) *Z.Kristallogr.-New Cryst.Struct. ,***218,**229

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-tetraaqua-zinc(ii) succinate tetrahydrate)

Space Group:	P1	***Cell:***	***a***	7.189(1)	***b***	7.764(1)	***c*** 9.843(2)
Space Group No.:	1	***(Å,°)***	α	79.16(3)	β	87.80(3)	γ 71.29(3)
R-Factor (%):	3.17	***Temperature(K):***	293	***Density(g/cm^3):***	1.566		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 59

AKIXEX01

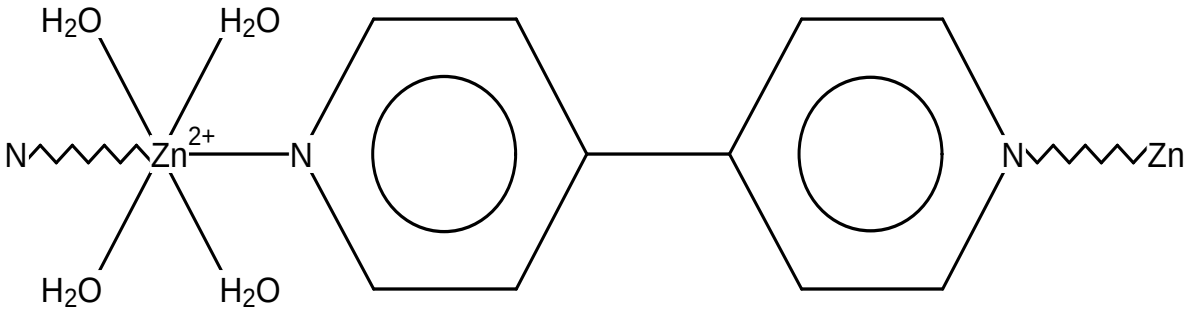
Reference: Er-Bo Ying, Yue-Qing Zheng, Hong-Jie Zhang (2004)
J.Coord.Chem. ,**57,**459

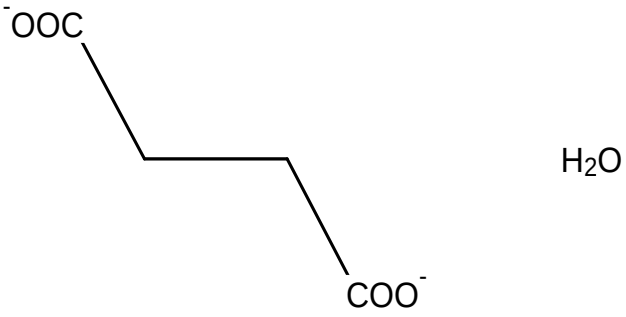
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-tetraaqua-zinc(ii) succinate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.189(1)	***b***	7.764(1)	***c*** 9.843(2)
Space Group No.:	2	***(Å,°)***	α	79.16(3)	β	87.80(3)	γ 71.29(3)

R-Factor (%): 3.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.566





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 60

AKIXEX02

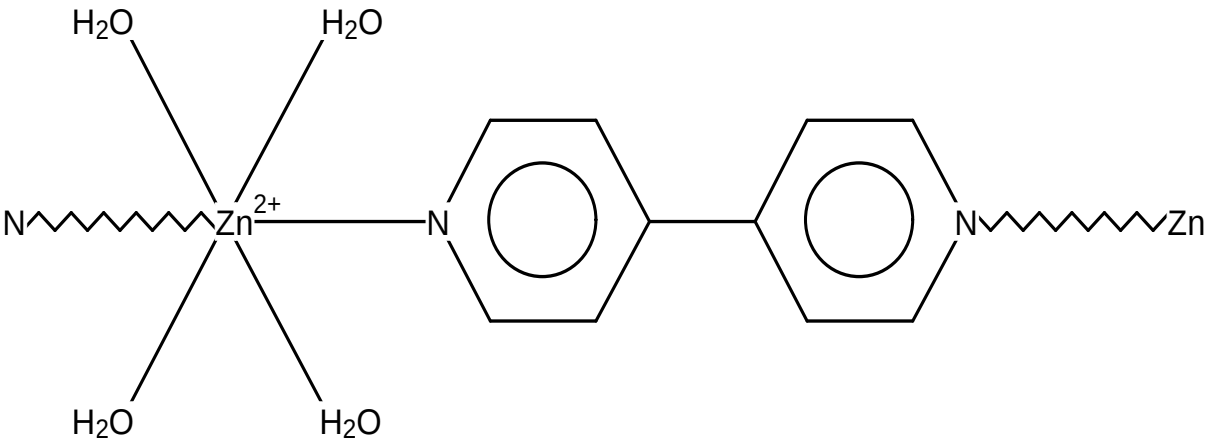
Reference: Hongyan Mao, Changzheng Zhang, Gang Li, Hongyun Zhang, Hongwei Hou, Linke Li, Qingan Wu, Yu Zhu, Enbo Wang (2004) *Dalton Trans.* ,3918

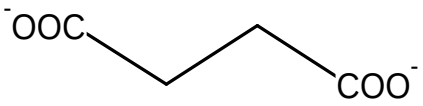
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-tetra-aqua-zinc(ii) anti-anti-succinate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.777(1)	***b***	9.855(2)	***c*** 7.190(1)
Space Group No.:	2	***(Å,°)***	α	92.11(3)	β	108.59(3)	γ 79.32(3)

R-Factor (%): 4.38 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.559





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 61

AKOLUH

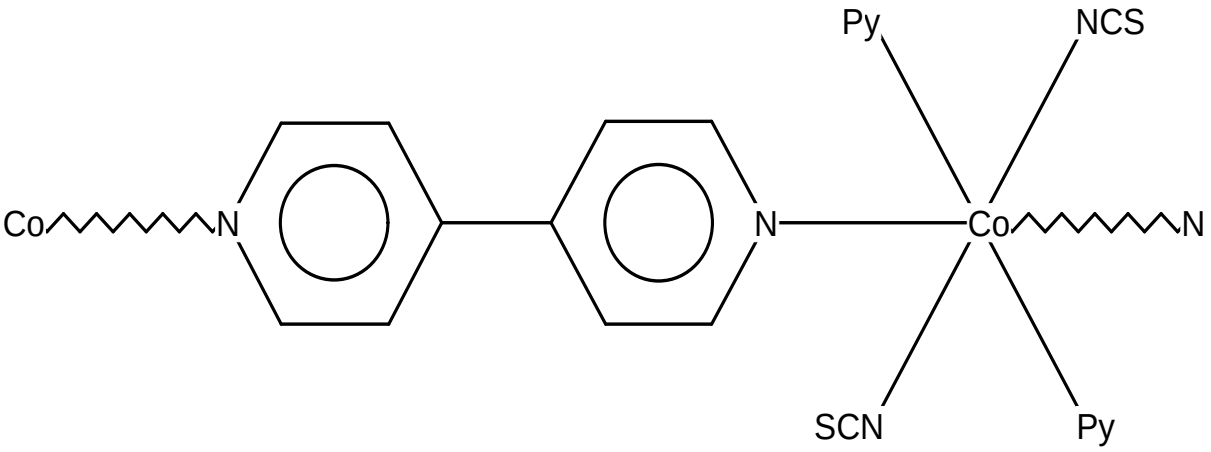
Reference: Yongli Ewi, Lianqing Song, Hongwei Hou, Yaoting Fan (2002) *Sci.China,Ser.B:Chem. ,***45,**503

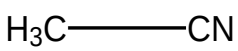
Formula: $(C_{22}\ H_{18}\ Co_1\ N_6\ S_2)n,2n(C_2\ H_3\ N_1)$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridyl)-dipyridyl-di-isothiocyanato-cobalt(ii) acetonitrile solvate)

Space Group:	I41/a	***Cell:***	***a*** 22.832(3)	***b*** 22.832(3)	***c*** 10.736(2)
Space Group No.:	88	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 7.22 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.357





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 62

AKUDEP

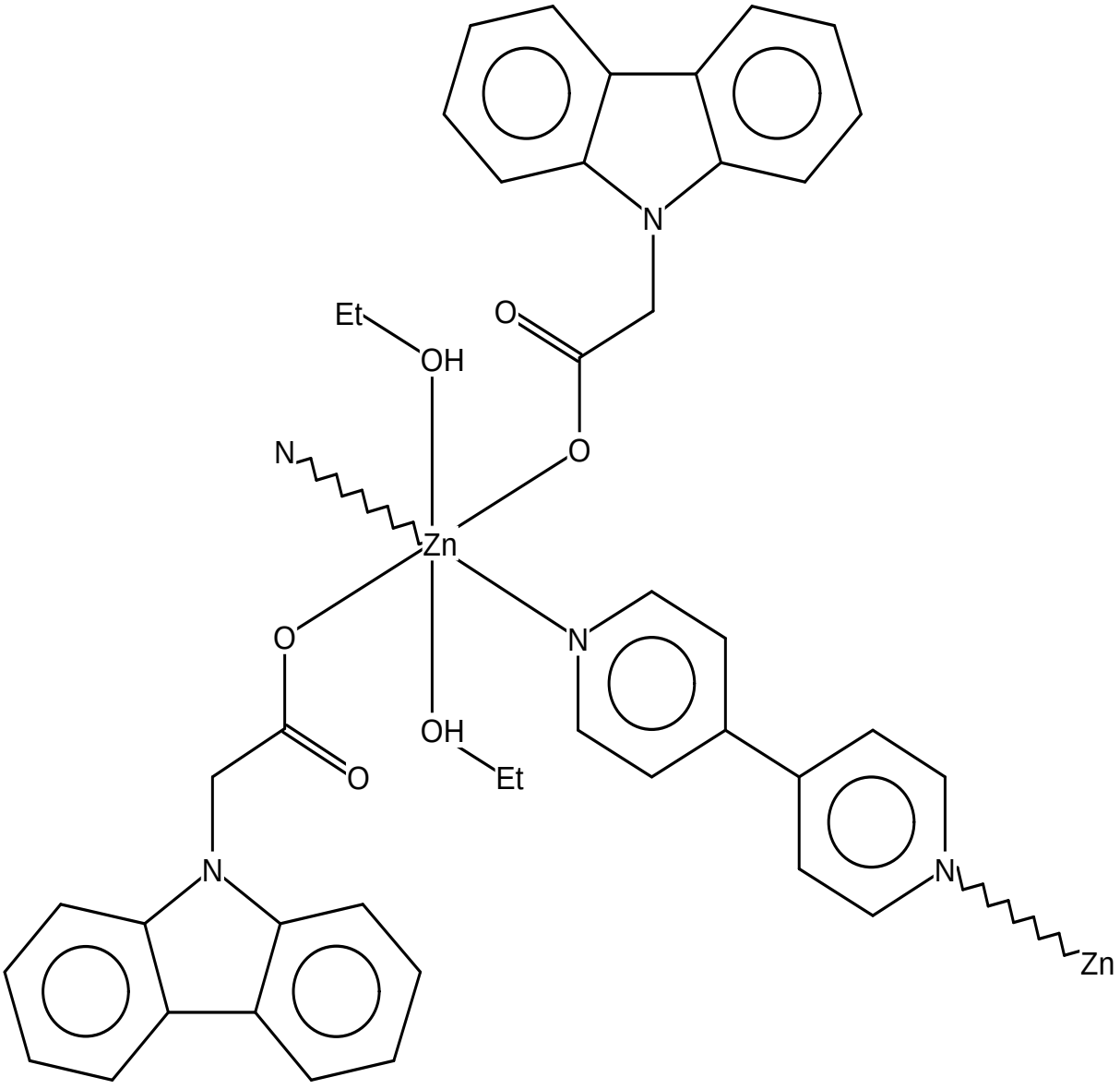
Reference: Xuan-Jun Zhang, Jie-Ying Wu, Ming-Liang Zhang, Yu-Peng Tian, Min-Hua Jiang, A.Usman, S.Chantrapromma, Hoong-Kun Fun (2003) *Transition Met.Chem. ,***28,**707

Formula: $(C_{42}\ H_{40}\ N_4\ O_6\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(carbazolylacetato)-bis(ethanol)-zinc)

Space Group:	C2/c	***Cell:***	***a***	21.337(0)	***b*** 8.048(0)	***c***	22.608(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.90(0)	γ	90.00

R-Factor (%): 5.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.370



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 63

AKUDIT

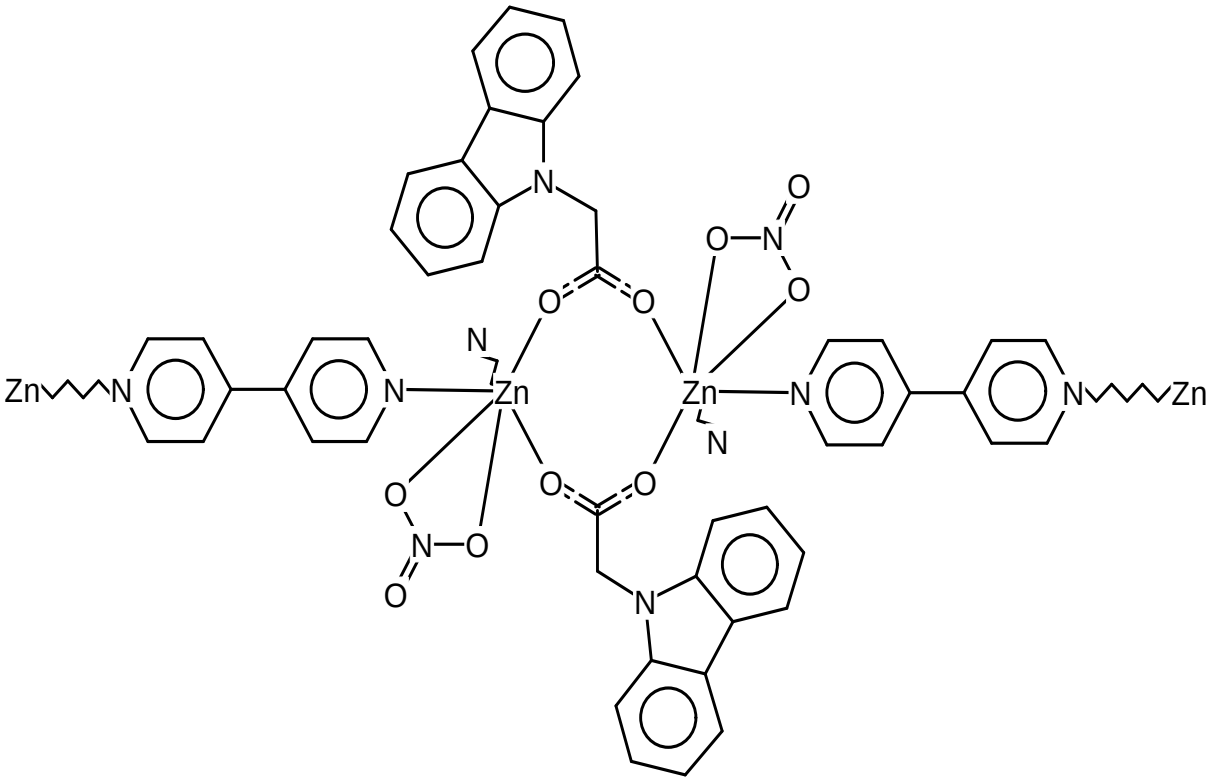
Reference: Xuan-Jun Zhang, Jie-Ying Wu, Ming-Liang Zhang, Yu-Peng Tian, Min-Hua Jiang, A.Usman, S.Chantrapromma, Hoong-Kun Fun (2003) *Transition Met.Chem. ,***28,**707

Formula: $(C_{48}\ H_{36}\ N_8\ O_{10}\ Zn_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(μ_2-carbazolylacetato)-bis(nitrato-O, O')-di-zinc)

Space Group:	P21/n	***Cell:***	***a***	11.345(0)	***b***	16.240(0)	***c*** 12.479(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	111.56(0)	γ 90.00

R-Factor (%): 4.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.577



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 64

AKUDOZ

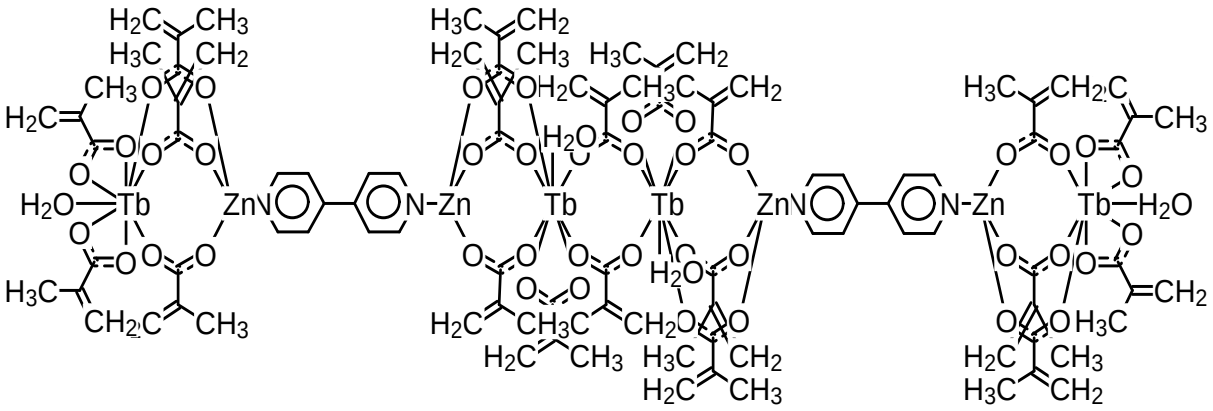
Reference: Bin Wu, Wei-Min Lu, Fang-Fang Wu, Xiao-Ming Zheng (2003) *Transition Met.Chem.* ,**28,**694

Formula: $C_{100}\ H_{124}\ N_4\ O_{44}\ Tb_4\ Zn_4$

Compound Name: bis(μ_2-4,4'-Bipyridine)-tetradecakis(μ_2-α-methylacrylato)-hexakis(α-methylacrylato)-tetra-aqua-tetra-terbium(iii)-tetra-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	13.440(3)	***b***	14.953(3)	***c*** 16.422(3)
Space Group No.:	2	***(Å,°)***	α	64.20(3)	β	89.73(3)	γ 86.17(3)

R-Factor (%): 4.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.672



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 65

ALIWAT

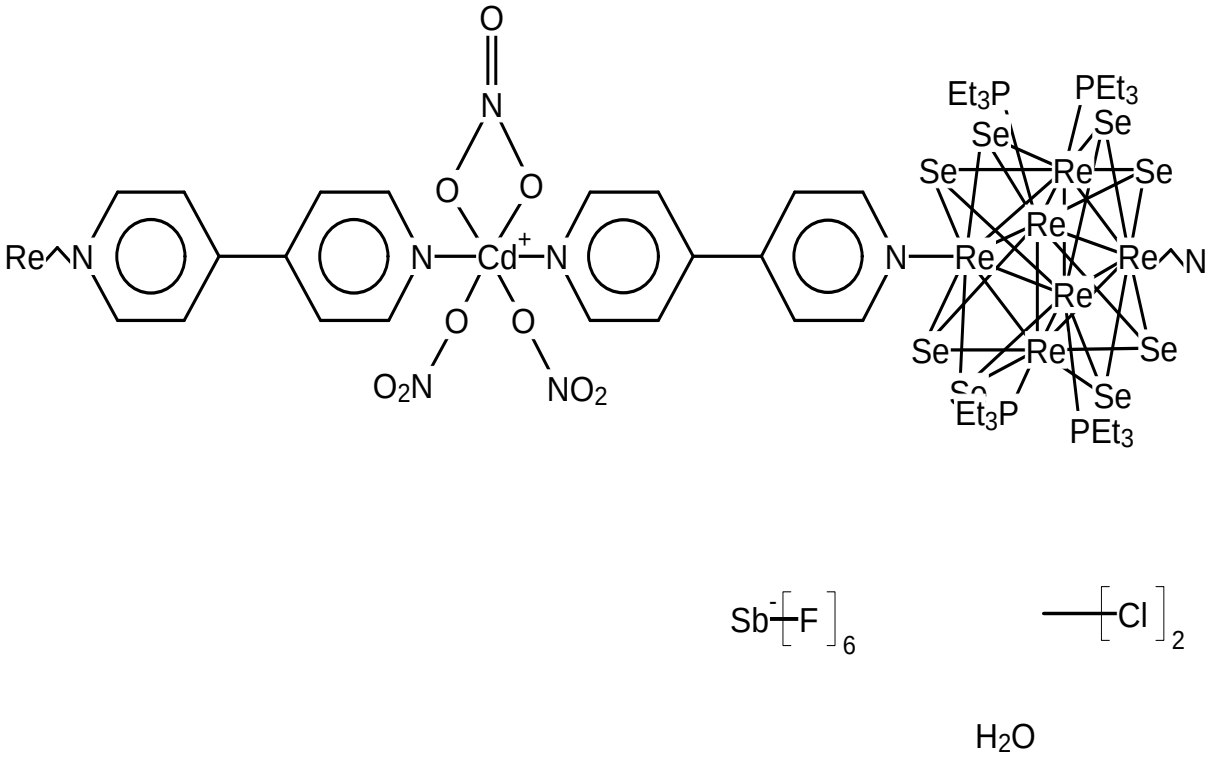
Reference: H.D.Selby, P.Orto, Zhiping Zheng (2003) *Polyhedron* ,**22,** 2999

Formula: $(C_{44}\ H_{76}\ Cd_1\ N_7\ O_9\ P_4\ Re_6\ Se_8\ ^{1+})n,n(F_6\ Sb_1\ ^{1-}),2n(C_1\ H_2\ Cl_2),2n(H_2\ O_1)$

Compound Name: catena-[octakis(μ_3-Selenido)-bis(μ_2-4,4'-bipyridyl)-(nitrato-O,O')-bis(nitrato-O)-tetrakis(triethylphosphine)-cadmium(ii)-octa-rhenium hexafluoroantimonate dichloromethane solvate dihydrate]

Space Group:	C2/c	***Cell:***	***a***	35.413(12)	***b*** 18.054(4)	***c***	15.455(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.82(0)	γ	90.00

R-Factor (%): 6.18 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 2.241



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 66

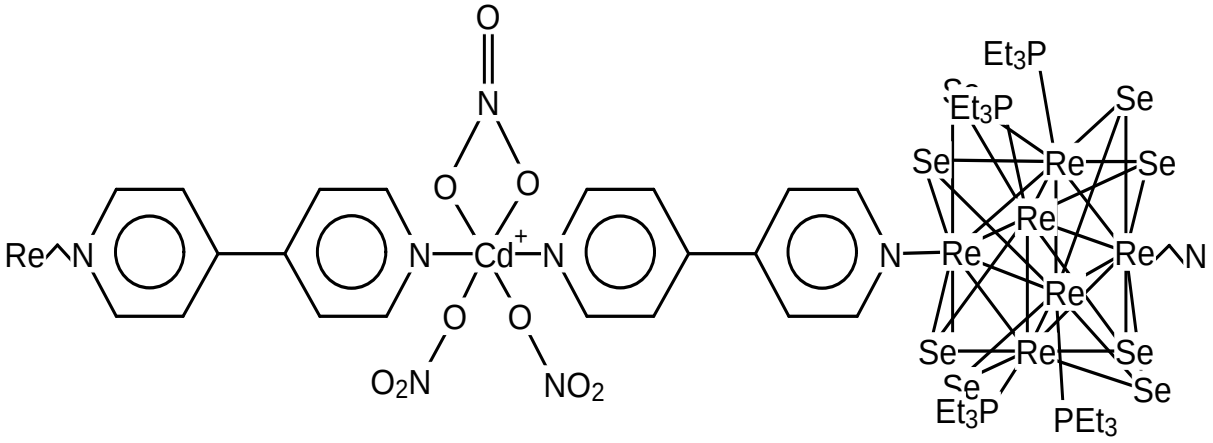
ALIWEX

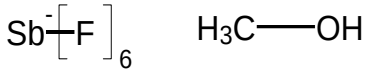
Reference: H.D.Selby, P.Orto, Zhiping Zheng (2003) *Polyhedron* ,**22,** 2999

Formula: $(C_{44}\ H_{76}\ Cd_1\ N_7\ O_9\ P_4\ Re_6\ Se_8\ ^{1+})n,n(F_6\ Sb_1\ ^{1-}),4n(C_1\ H_4\ O_1),2n(H_2\ O_1)$

Compound Name: catena-[octakis(μ_3-Selenido)-bis(μ_2-4,4'-bipyridyl)-(nitrato-O,O')-bis(nitrato-O)-tetrakis(triethylphosphine)-cadmium(ii)-octa-rhenium hexafluoroantimonate methanol solvate dihydrate]

Space Group:	P2/n	***Cell:***	***a***	16.955(3)	***b*** 11.857(2)	***c***	21.055(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 104.99(3)	γ	90.00
R-Factor (%):	3.56	***Temperature(K):***	170		***Density(g/cm^3):***		2.625







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 67

ALIWIB

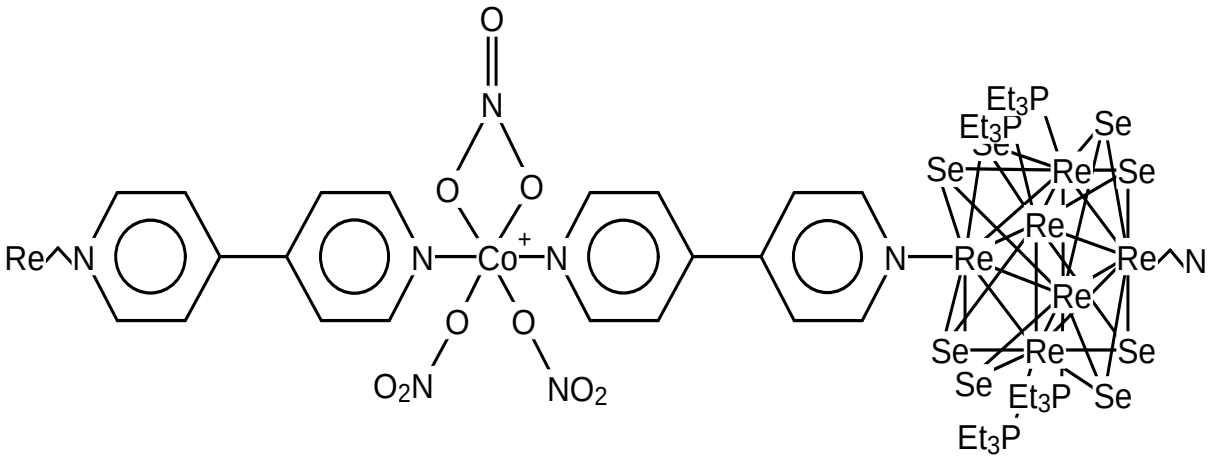
Reference: H.D.Selby, P.Orto, Zhiping Zheng (2003) *Polyhedron* ,**22,** 2999

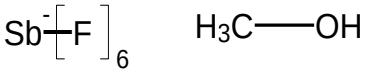
Formula: $(C_{44}\ H_{76}\ Co_1\ N_7\ O_9\ P_4\ Re_6\ Se_8\ ^{1+})n,n(F_6\ Sb_1\ ^{1-}),4n(C_1\ H_4\ O_1),n(H_2\ O_1)$

Compound Name: catena-[octakis(μ_3-Selenido)-bis(μ_2-4,4'-bipyridyl)-(nitrato-O,O')-bis(nitrato-O)-tetrakis(triethylphosphine)-cobalt(ii)-octa-rhenium hexafluoroantimonate methanol solvate monohydrate]

Space Group:	P2/n	***Cell:***	***a***	16.753(1)	***b*** 11.807(1)	***c***	20.935(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 104.71(0)	γ	90.00

R-Factor (%): 6.29 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 2.621





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 68

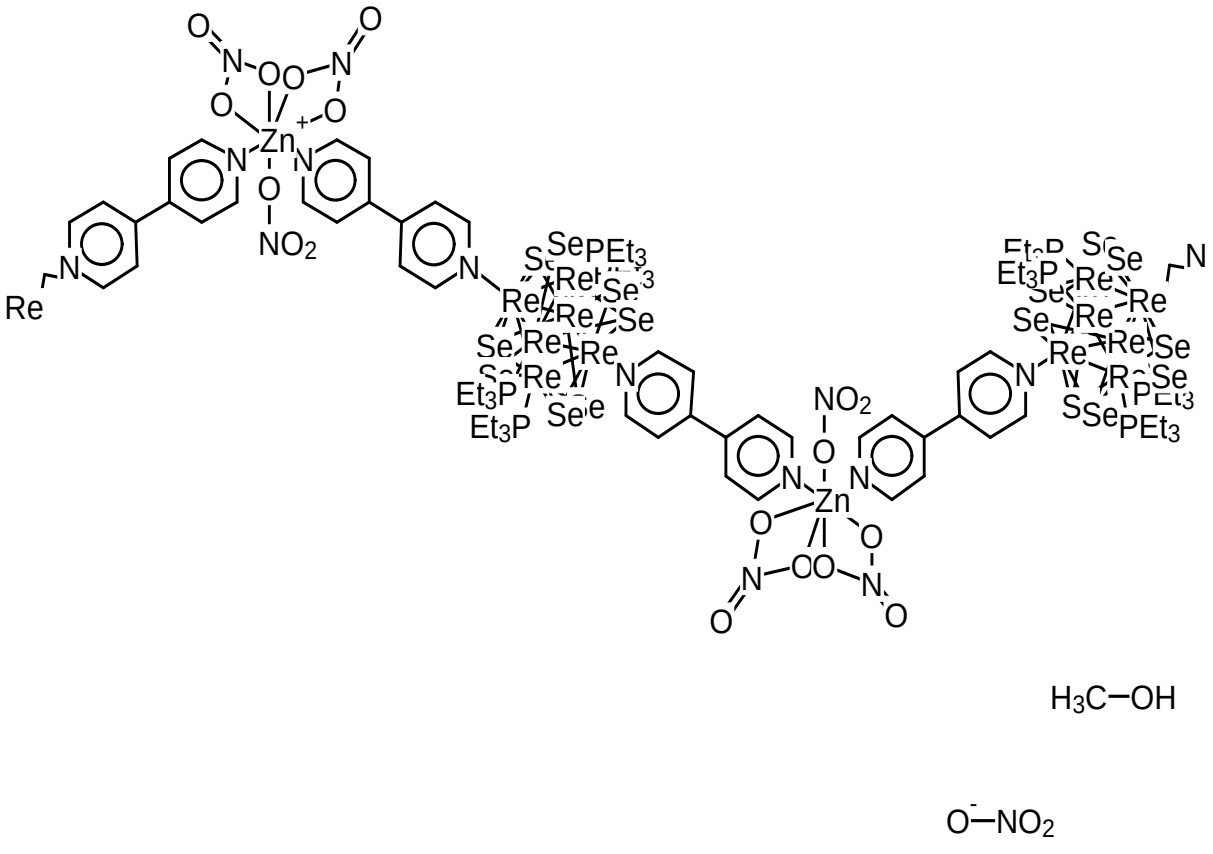
ALIWOH

Reference: H.D.Selby, P.Orto, Zhiping Zheng (2003) *Polyhedron* ,**22,** 2999

Formula: $(C_{88}\ H_{152}\ N_{14}\ O_{18}\ P_8\ Re_{12}\ Se_{16}\ Zn_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),7n(C_1\ H_4\ O_1)$

Compound Name: catena-[bis(octakis(μ_3-Selenido)-bis(μ_2-4,4'-bipyridyl)-bis(nitrato-O,O')-(nitrato-O)-tetrakis(triethylphosphine)-octa-rhenium-zinc nitrate) methanol solvate]

Space Group:	Pbcn	***Cell:***	***a***	23.924(5)	***b***	25.868(5)	***c***	29.116(6)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.66	***Temperature(K):***	170		***Density(g/cm^3):***		2.182	



Search: search1 (Thu May 26 10:05:42 2011): Hit 69

ALUPOM

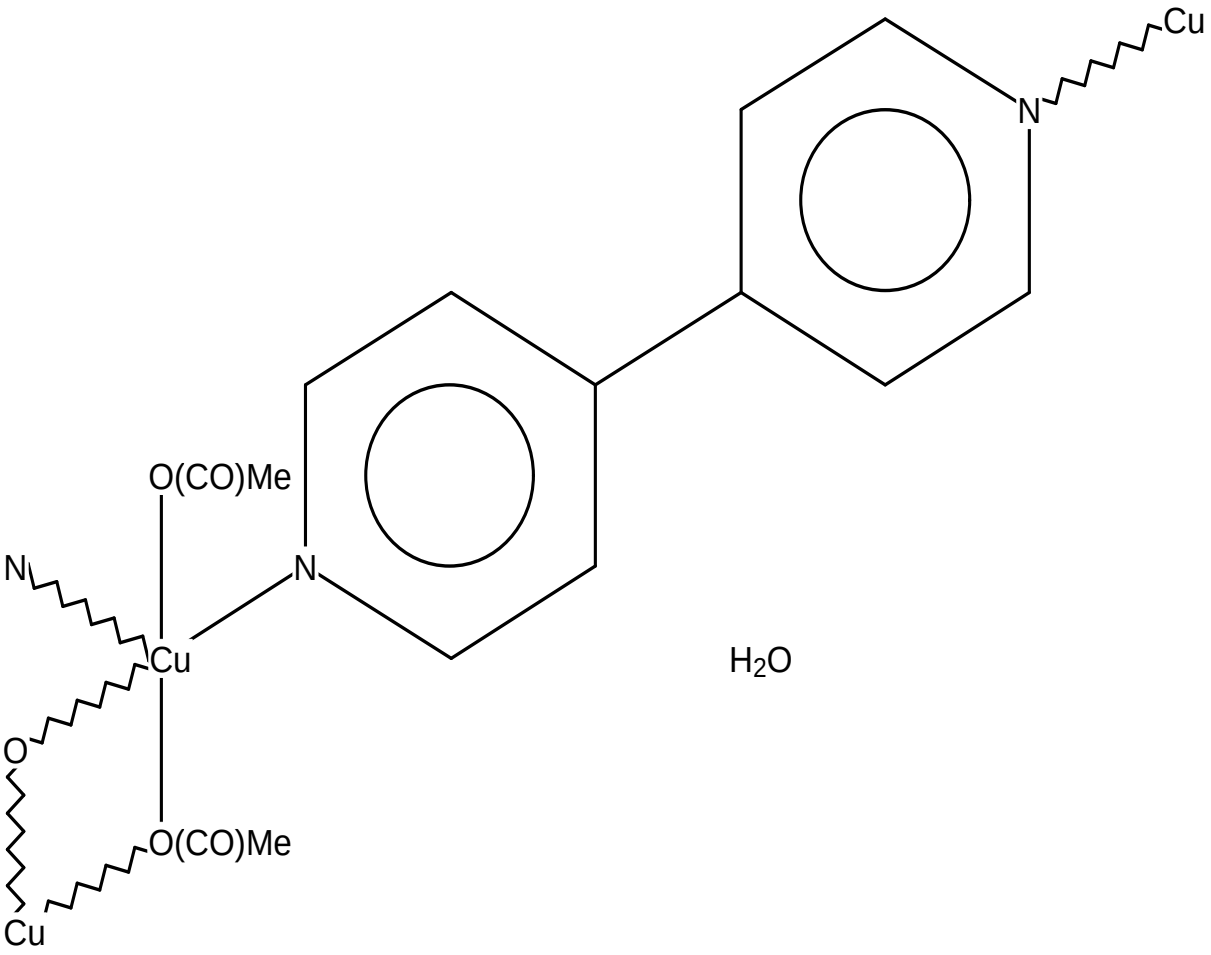
Reference: B.Conerney, P.Jensen, P.E.Kruger, B.Moubaraki, K.S.Murray (2003) *CrystEngComm* ,**5,**454

Formula: $(C_{14}\ H_{14}\ Cu_1\ N_2\ O_4)n,2.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-acetato-O,O)-(acetato-O)-copper(ii) hydrate)

Space Group:	C2/c	***Cell:***	***a***	16.758(4)	***b*** 11.135(3)	***c***	17.341(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.40(0)	γ	90.00

R-Factor (%): 6.41 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.598



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 70

ALUPUS

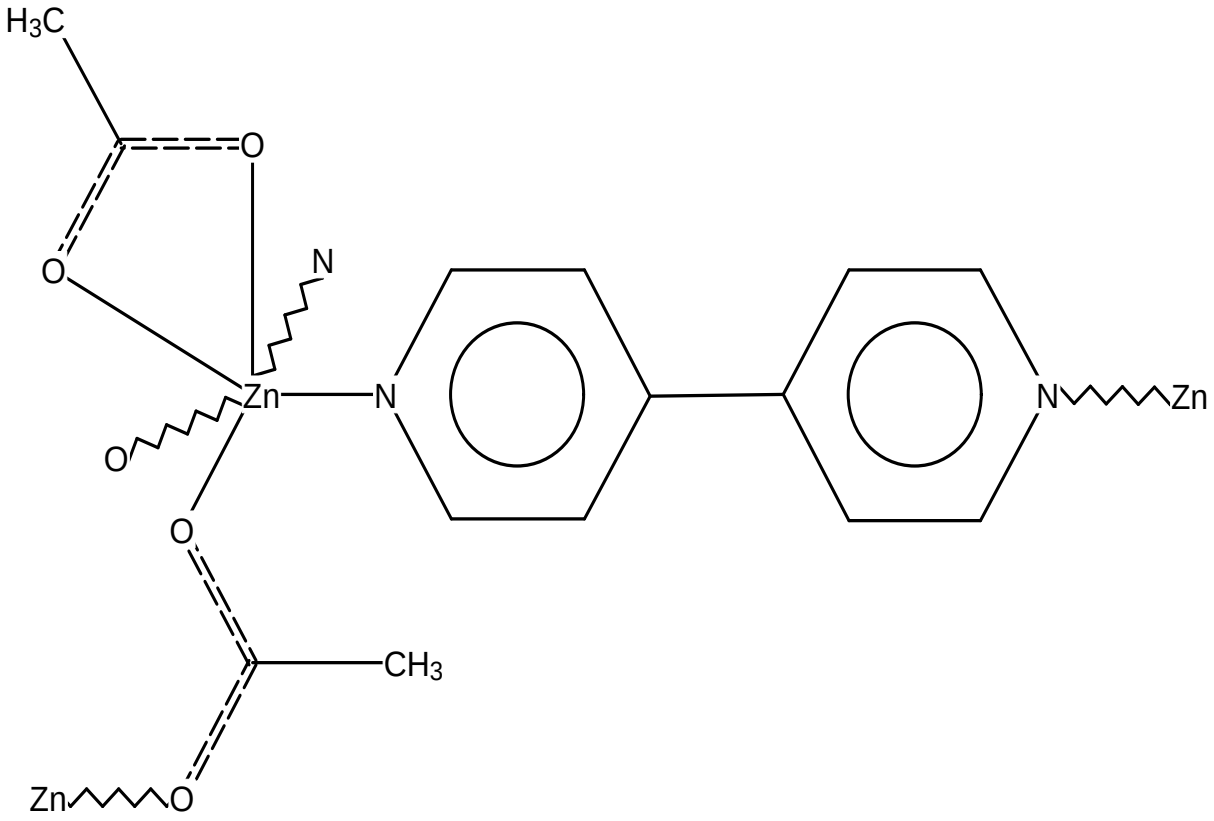
Reference: B.Conerney, P.Jensen, P.E.Kruger, B.Moubaraki, K.S.Murray (2003) *CrystEngComm* ,**5,**454

Formula: $(C_{14}\ H_{14}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-$(\mu_2$-acetato-O,O')-(acetato-O,O')-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	7.942(3)	***b***	9.106(3)	***c*** 10.593(3)
Space Group No.:	2	***(Å,°)***	α	109.30(0)	β	99.72(0)	γ 101.03(0)

R-Factor (%): 5.82 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.642



Search: search1 (Thu May 26 10:05:42 2011): Hit 71

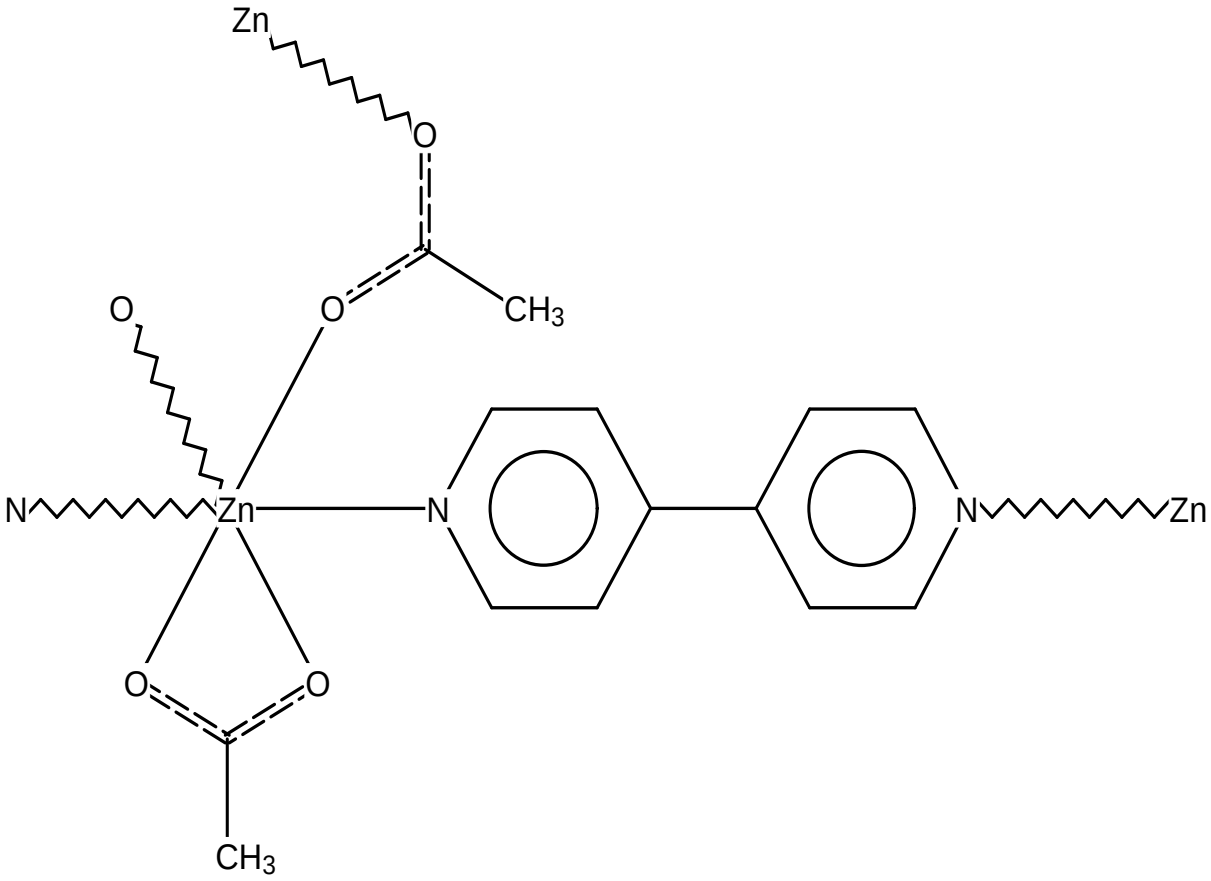
ALUPUS01

Reference: Jungsook Kim, Uk Lee, Bon Kweon Koo (2006)
*Bull.Korean Chem.Soc. ,***27,**918

Formula: $(C_{14}\ H_{14}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-N,N')-$(\mu_2$-acetato-O,O')-(acetato-O,O')-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	8.088(0)	***b***	9.190(0)	***c*** 10.676(0)
Space Group No.:	2	***(Å,°)***	α	109.70(0)	β	100.03(0)	γ 101.78(0)
R-Factor (%):	2.78	***Temperature(K):***	298	***Density(g/cm^3):***	1.599		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 72

ALUPUS02

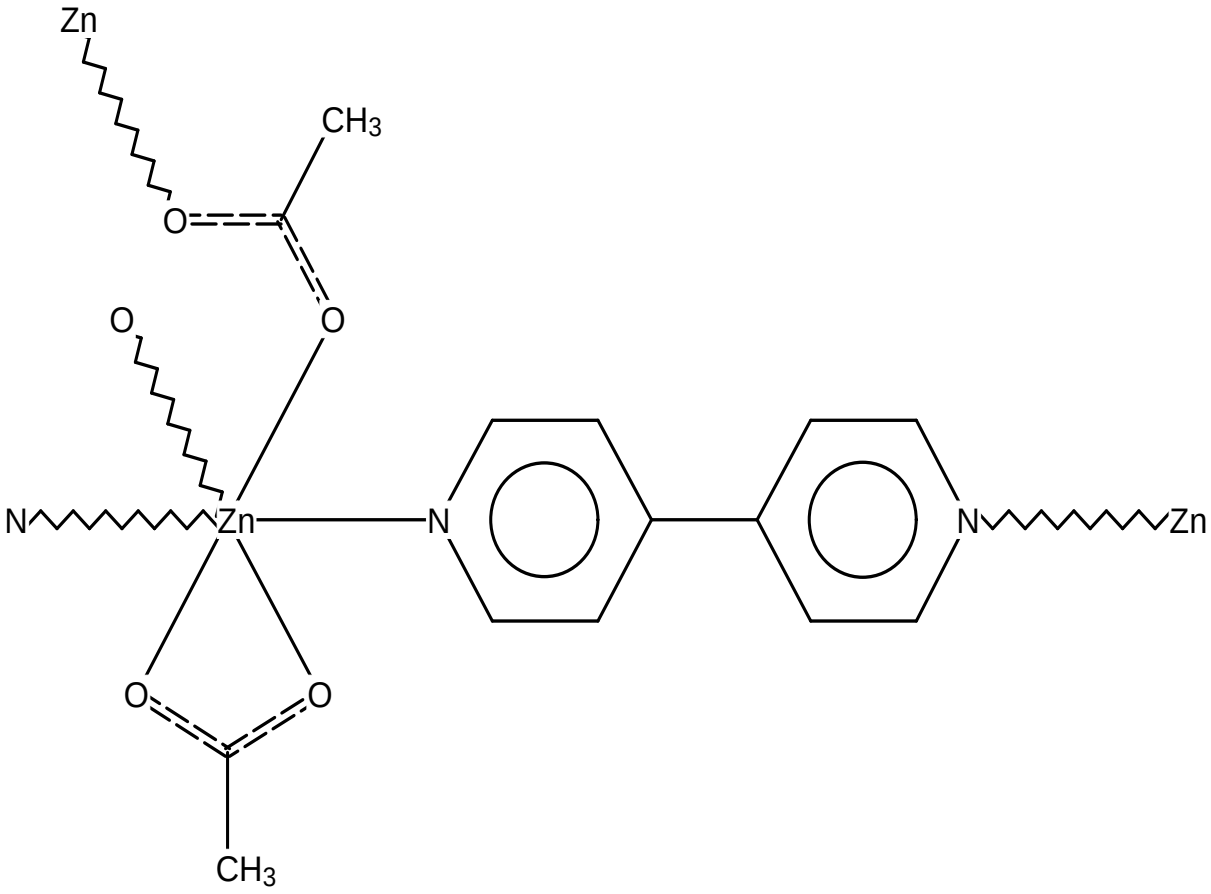
Reference: M.G.Amiri, A.Morsali (2006) *Z.Anorg.Allg.Chem.* ,**632,**2491

Formula: $(C_{14}\ H_{14}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-((μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridine)-(acetato-O,O')-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	8.051(1)	***b***	9.177(1)	***c*** 10.674(2)
Space Group No.:	2	***(Å,°)***	α	109.78(0)	β	99.97(0)	γ 101.61(0)

R-Factor (%): 3.16 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.608



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 73

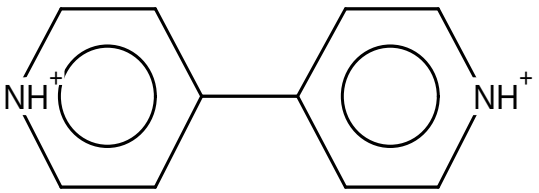
AMIRET

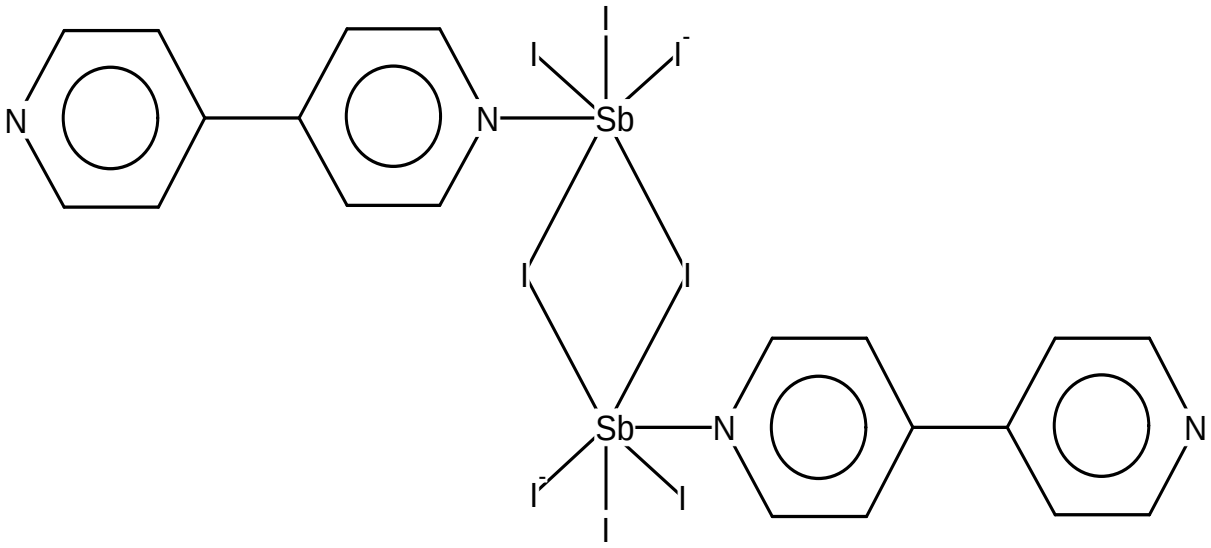
Reference: J.P.H.Charmant, N.C.Norman, A.G.Orpen, J.Starbuck (2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***59,**m997

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_{20}\,H_{16}\,I_8\,N_4\,Sb_2\,^{2-}$

Compound Name: 4,4'-Bipyridinium bis((4,4'-bipyridyl-N)-(μ_2-iodo)-tri-iodo-antimony(iii))

Space Group:	P21/n	***Cell:***	***a***	9.644(1)	***b*** 12.678(2)	***c***	18.097(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 95.57(1)	γ	90.00
R-Factor (%):	4.08	***Temperature(K):***	173		***Density(g/cm^3):***		2.608





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 74

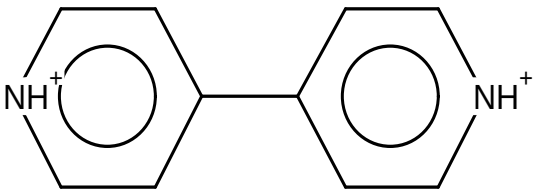
AMIRIX

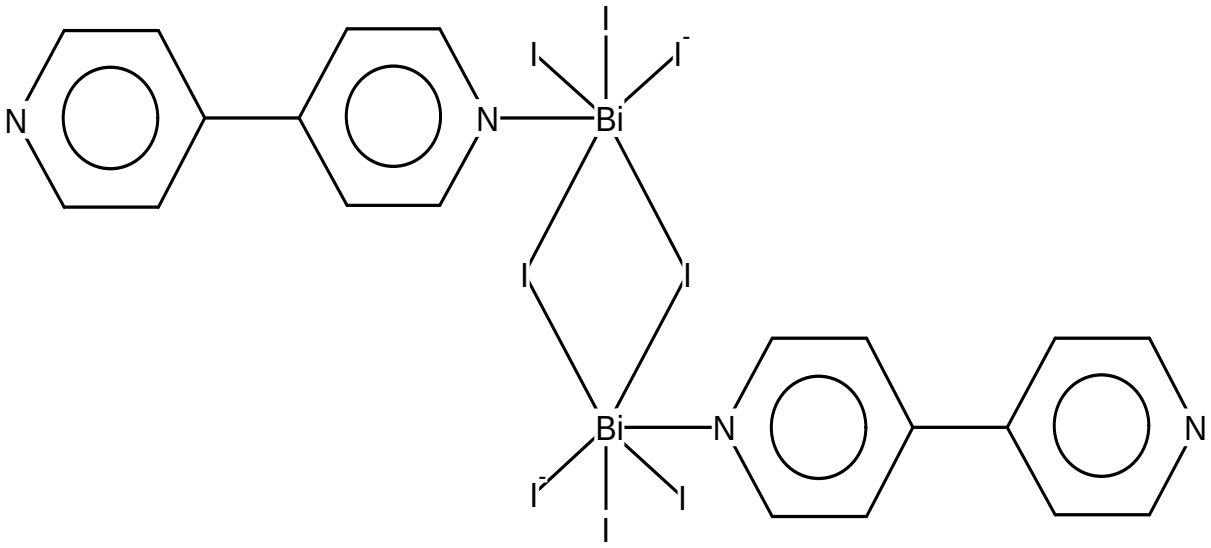
Reference: J.P.H.Charmant, N.C.Norman, A.G.Orpen, J.Starbuck (2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***59,**m1000

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_{20}\,H_{16}\,Bi_2\,I_8\,N_4\,^{2-}$

Compound Name: 4,4'-Bipyridinium bis((4,4'-bipyridyl-N)-(μ_2-iodo)-tri-iodo-bismuth(iii))

Space Group:	P21/n	***Cell:***	***a***	9.637(0)	***b*** 12.751(0)	***c***	18.173(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 95.01(0)	γ	90.00
R-Factor (%):	7.18	***Temperature(K):***	173		***Density(g/cm^3):***		2.842





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 75

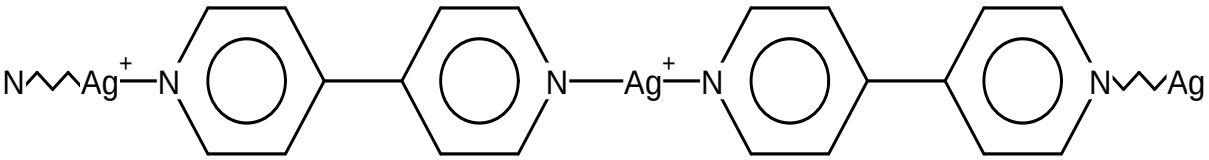
AQAVOD

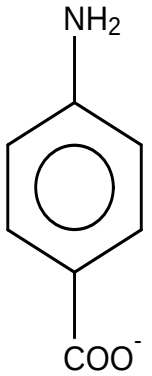
Reference: Ruihu Wang, MaoChun Hong, Junhua Luo, Feilong Jiang, Lei Han, Zhenzhong Lin, Rong Cao (2004) *Inorg.Chim.Acta* ,**357,**103

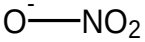
Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+})n,n(C_7\ H_6\ N_1\ O_2\ ^{1-}),n(N_1\ O_3\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-di-silver(i) 4-aminobenzoate nitrate monohydrate)

Space Group:	P21/m	***Cell:***	***a***	8.298(0)	***b*** 17.577(0)	***c***	9.969(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β 103.51(0)	γ	90.00
R-Factor (%):	2.82	***Temperature(K):***	293		***Density(g/cm^3):***	1.748	







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 76

AQAVOD01

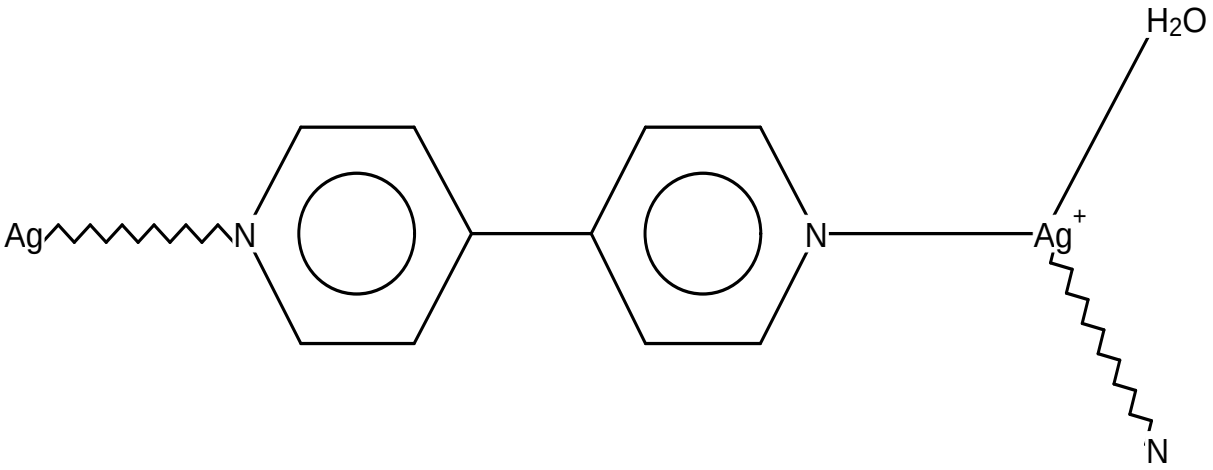
Reference: Yong-Mei Zhang, Dong-Yan Hou, Guang Xin, Tie-Chun Li (2010) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***66,**m287

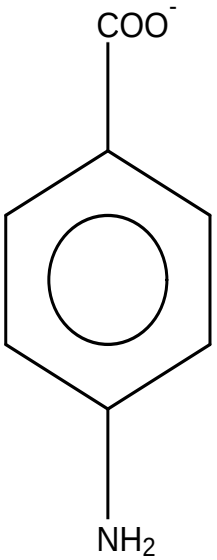
Formula: $(C_{10}\ H_{10}\ Ag_1\ N_2\ O_1\ ^{1+})n,0.5n(C_7\ H_6\ N_1\ O_2\ ^{1-}),0.5n(N_1\ O_3\ ^{1-}),0.5n(H_2\ O_1)$

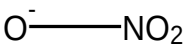
Compound Name: catena-[(μ_2-4,4'-bipyridine)-aqua-silver(i) hemikis(4-aminobenzoate) heminitrate hemihydrate]

Space Group:	P21/m	***Cell:***	***a***	8.260(0)	***b*** 17.353(0)	***c***	9.927(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β 103.23(0)	γ	90.00

R-Factor (%): 2.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.871







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 77

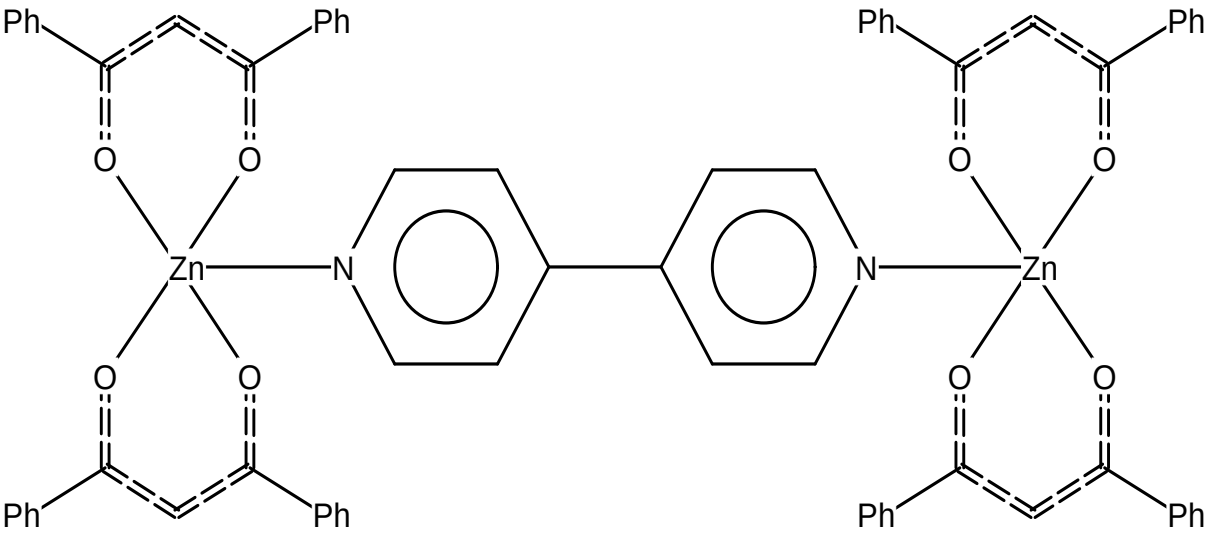
AQIQEW

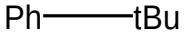
Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $C_{70}\ H_{52}\ N_2\ O_8\ Zn_2, C_{10}\ H_{14}$

Compound Name: (μ_2-4,4'-bipyridyl)-tetrakis(1,3-diphenyl-1,3-propanedionato)-di-zinc(ii) t-butylbenzene clathrate

Space Group:	P-1	***Cell:***	***a***	10.737(2)	***b***	12.277(2)	***c***	13.456(2)
Space Group No.:	2	***(Å,°)***	α	88.45(1)	β	82.59(1)	γ	68.14(1)
R-Factor (%):	3.69	***Temperature(K):***	173		***Density(g/cm^3):***	1.337		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 78

AQIQIA

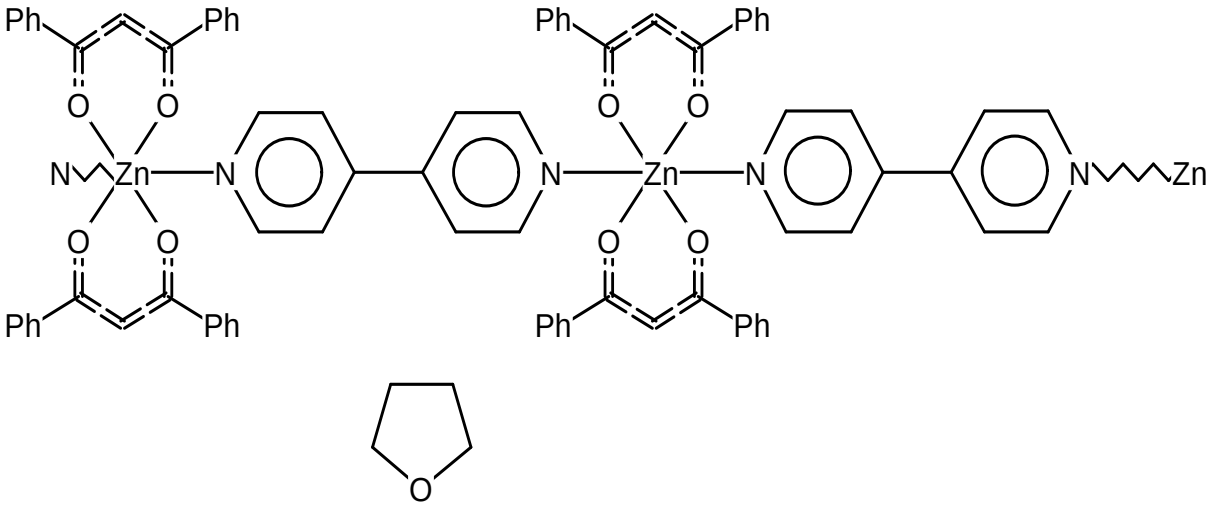
Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $(C_{80}\ H_{60}\ N_4\ O_8\ Zn_2)n,3.94n(C_4\ H_8\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl)-tetrakis(1,3-diphenyl-1,3-propanedionato)-di-zinc(ii) tetrahydrofuran clathrate)

Space Group:	P-1	***Cell:***	***a***	12.785(2)	***b***	17.880(2)	***c*** 20.050(3)
Space Group No.:	2	***(Å,°)***	α	74.33(1)	β	79.43(1)	γ 69.20(1)

R-Factor (%): 4.59 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.311



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 79

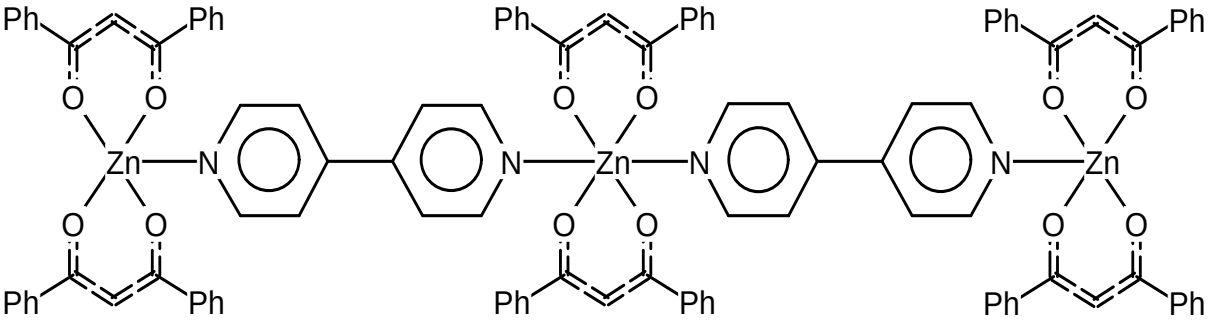
AQIQOG

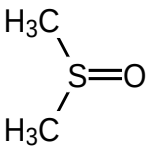
Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $C_{110}\ H_{82}\ N_4\ O_{12}\ Zn_3$,5($C_2\ H_6\ O_1\ S_1$)

Compound Name: bis(μ_2-4,4'-bipyridyl)-hexakis(1,3-diphenyl-1,3-propanedionato)-tri-zinc(ii) pentakis(dimethylsulfoxide) clathrate

Space Group:	P-1	***Cell:***	***a***	12.820(1)	***b***	13.074(1)	***c*** 18.821(3)
Space Group No.:	2	***(Å,°)***	α	72.92(1)	β	81.78(1)	γ 62.54(1)
R-Factor (%):	4.05	***Temperature(K):***	173		***Density(g/cm^3):***		1.389





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 80

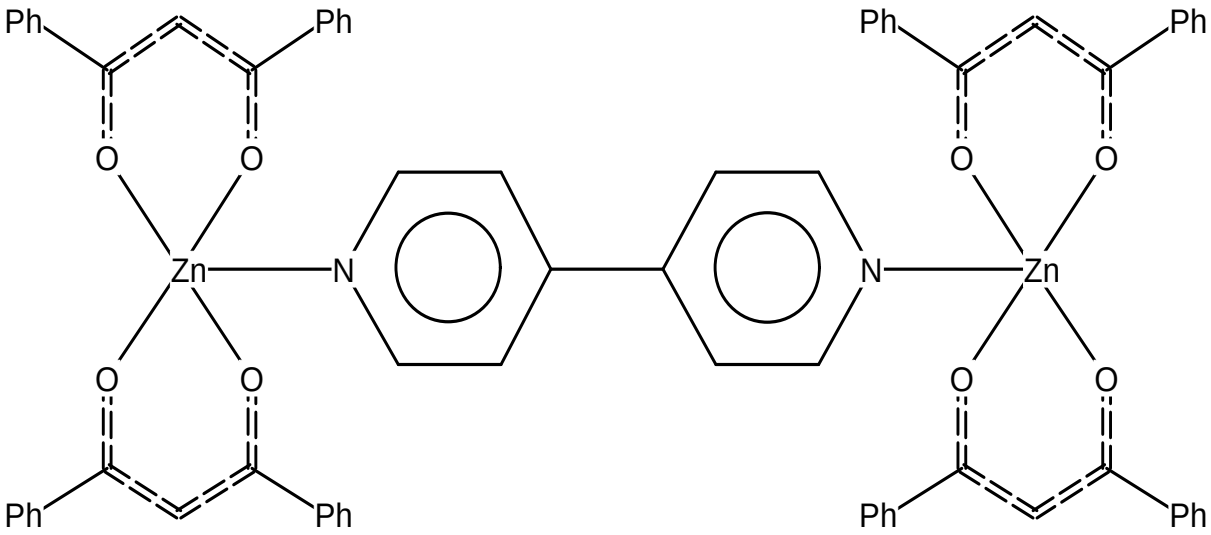
AQIQUM

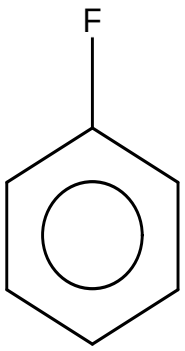
Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $C_{70}\ H_{52}\ N_2\ O_8\ Zn_2$,0.67($C_6\ H_5\ F_1$)

Compound Name: (μ_2-4,4'-bipyridyl)-tetrakis(1,3-diphenyl-1,3-propanedionato)-di-zinc(ii) fluorobenzene clathrate

Space Group:	P-1	***Cell:***	***a***	12.242(2)	***b***	13.629(2)	***c***	27.183(3)
Space Group No.:	2	***(Å,°)***	α	80.45(1)	β	87.45(1)	γ	88.37(1)
R-Factor (%):	6.80	***Temperature(K):***	173		***Density(g/cm^3):***	1.388		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 81

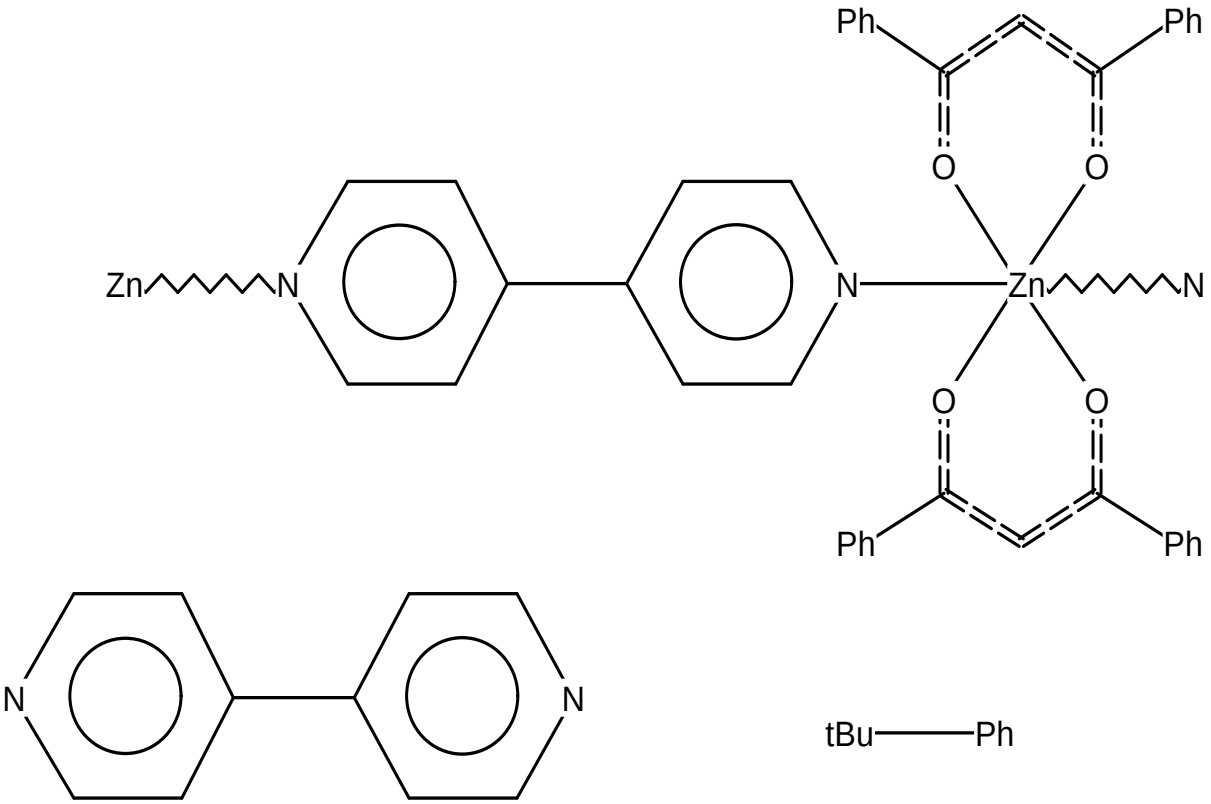
AQIRAT

Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $(C_{40}\ H_{30}\ N_2\ O_4\ Zn_1)n,n(C_{10}\ H_8\ N_2),2n(C_{10}\ H_{14})$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(1,3-diphenyl-1,3-propanedionato)-zinc(ii) 4,4'-bipyridine t-butylbenzene clathrate)

Space Group:	C2/c	***Cell:***	***a***	23.109(3)	***b*** 25.834(4)	***c***	10.185(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.61(1)	γ	90.00
R-Factor (%):	5.09	***Temperature(K):***	173		***Density(g/cm^3):***	1.234	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 82

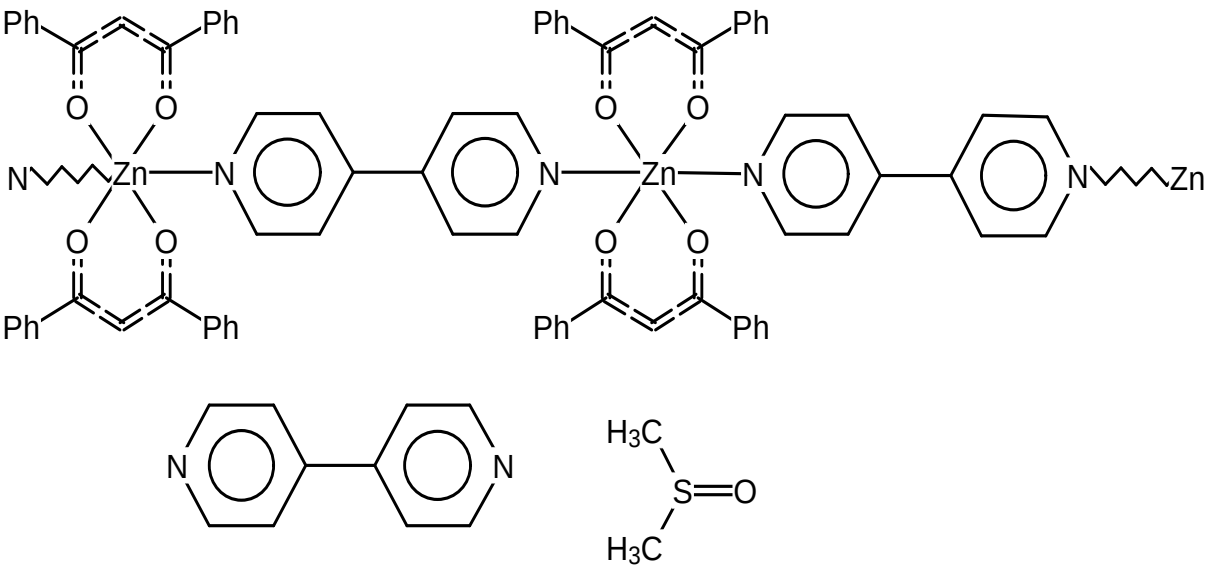
AQIREX

Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $(C_{80}\ H_{60}\ N_4\ O_8\ Zn_2)n,n(C_{10}\ H_8\ N_2),n(C_2\ H_6\ O_1\ S_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl)-tetrakis(1,3-diphenyl-1,3-propanedionato)-di-zinc(ii) 4,4'-bipyridine dimethylsulfoxide clathrate)

Space Group:	P-1	***Cell:***	***a***	13.006(2)	***b***	13.322(2)	***c*** 22.970(3)
Space Group No.:	2	***(Å,°)***	α	99.79(1)	β	95.59(1)	γ 102.04(1)
R-Factor (%):	3.36	***Temperature(K):***	173		***Density(g/cm^3):***		1.373



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 83

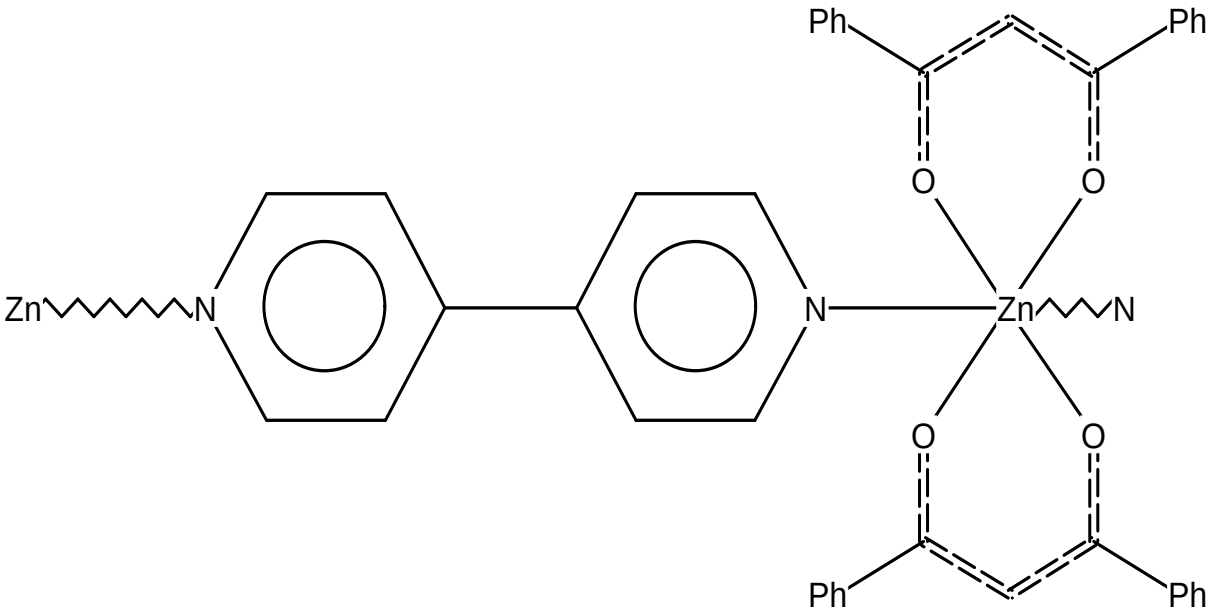
AQIRIB

Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $(C_{40}\ H_{30}\ N_2\ O_4\ Zn_1)n,2n(C_6\ H_5\ F_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(1,3-diphenyl-1,3-propanedionato)-zinc(ii) bis(fluorobenzene) clathrate)

Space Group:	Pccn	***Cell:***	***a***	19.299(3)	***b***	19.866(3)	***c*** 22.892(3)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.62	***Temperature(K):***	173		***Density(g/cm^3):***		1.302





Search: search1 (Thu May 26 10:05:42 2011): Hit 84

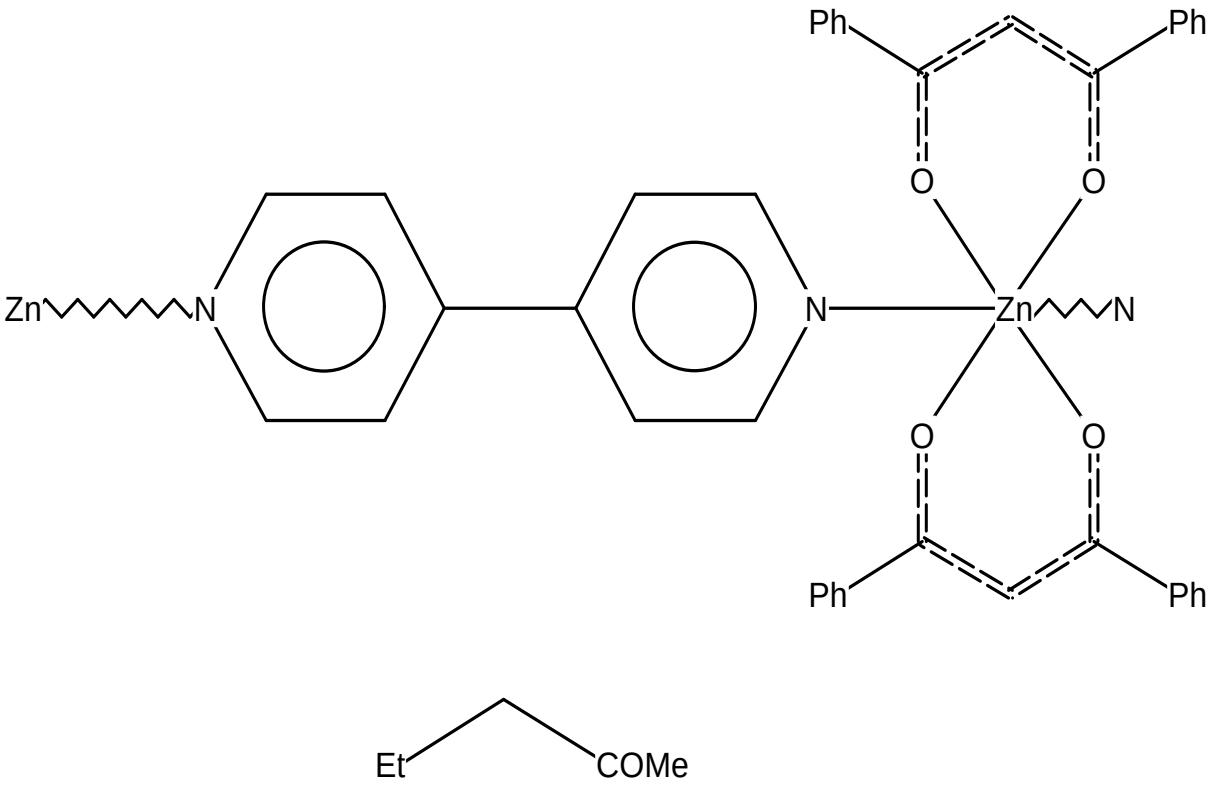
AQIROH

Reference: D.V.Soldatov, P.Tinnemans, G.D.Enright, C.I.Ratcliffe, P.R.Diamente, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**3826

Formula: $(C_{40}\ H_{30}\ N_2\ O_4\ Zn_1)n,2n(C_5\ H_{10}\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(1,3-diphenyl-1,3-propanedionato)-zinc(ii) bis(2-pentanone) clathrate)

Space Group:	P-1	***Cell:***	***a*** 12.700(10)	***b*** 17.580(20)	***c*** 20.260(30)
Space Group No.:	2	***(Å,°)***	α 74.45(7)	β 79.70(8)	γ 70.42(8)
R-Factor (%):	0.00	***Temperature(K):***	173	***Density(g/cm^3):***	1.366



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 85

AQUTAH

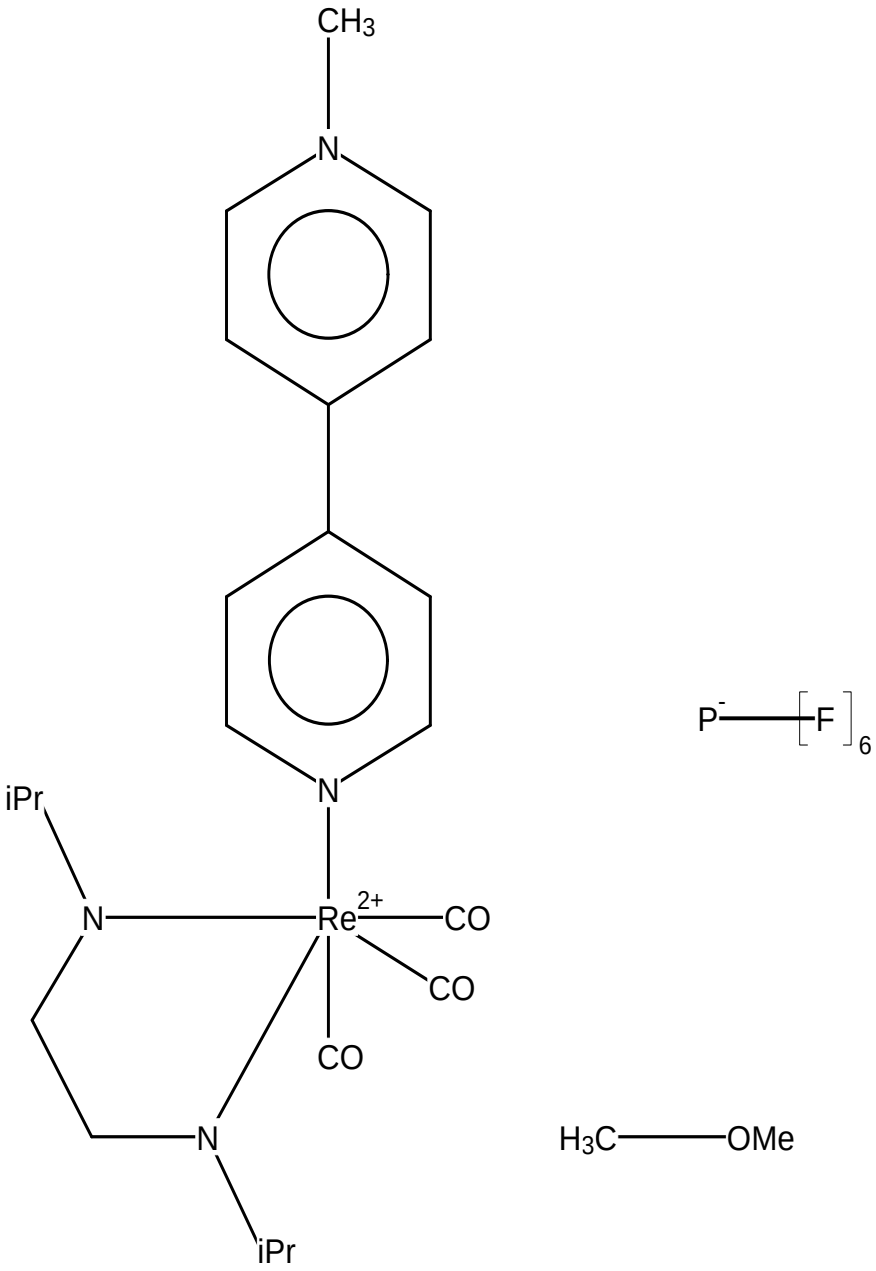
Reference: M.Busby, D.J.Liard, M.Motevalli, H.Toms, A.Vlcek Junior (2004) *Inorg.Chim.Acta* ,**357,**167

Formula: $C_{22}\ H_{29}\ N_4\ O_3\ Re_1\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),0.5($C_2\ H_6\ O_1$)

Compound Name: Tricarbonyl-(N-methyl-4,4'-bipyridinium)-(N,N'-di-isopropyl-1,4-diazabutane)-rhenium bis(hexafluorophosphate) dimethyl ether solvate

Space Group:	Pcab	***Cell:***	***a***	15.079(0)	***b***	15.359(0)	***c*** 26.506(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.82 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.940



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 86

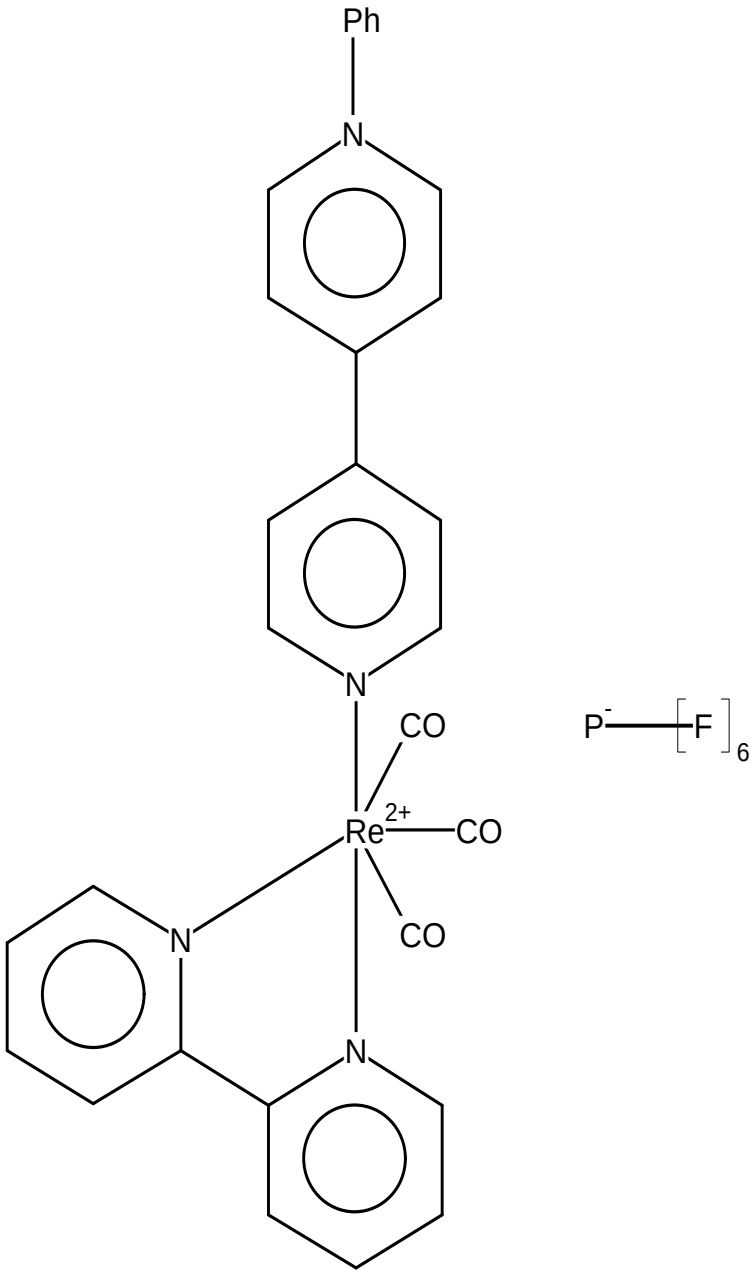
AQUTEL

Reference: M.Busby, D.J.Liard, M.Motevalli, H.Toms, A.Vlcek Junior (2004) *Inorg.Chim.Acta* ,**357,**167

Formula: $C_{29}\ H_{21}\ N_4\ O_3\ Re_1\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: (2,2-Bipyridine)-tricarbonyl-(N-phenyl-4,4'-bipyridinium)-rhenium bis(hexafluorophosphate)

Space Group:	P21/a	***Cell:***	***a*** 15.386(2)	***b*** 11.153(3)	***c*** 18.964(3)
Space Group No.:	14	***(Å,°)***	α 90.00	β 100.34(4)	γ 90.00
R-Factor (%):	3.48	***Temperature(K):***	160	***Density(g/cm^3):***	1.970



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 87

AQUTOV

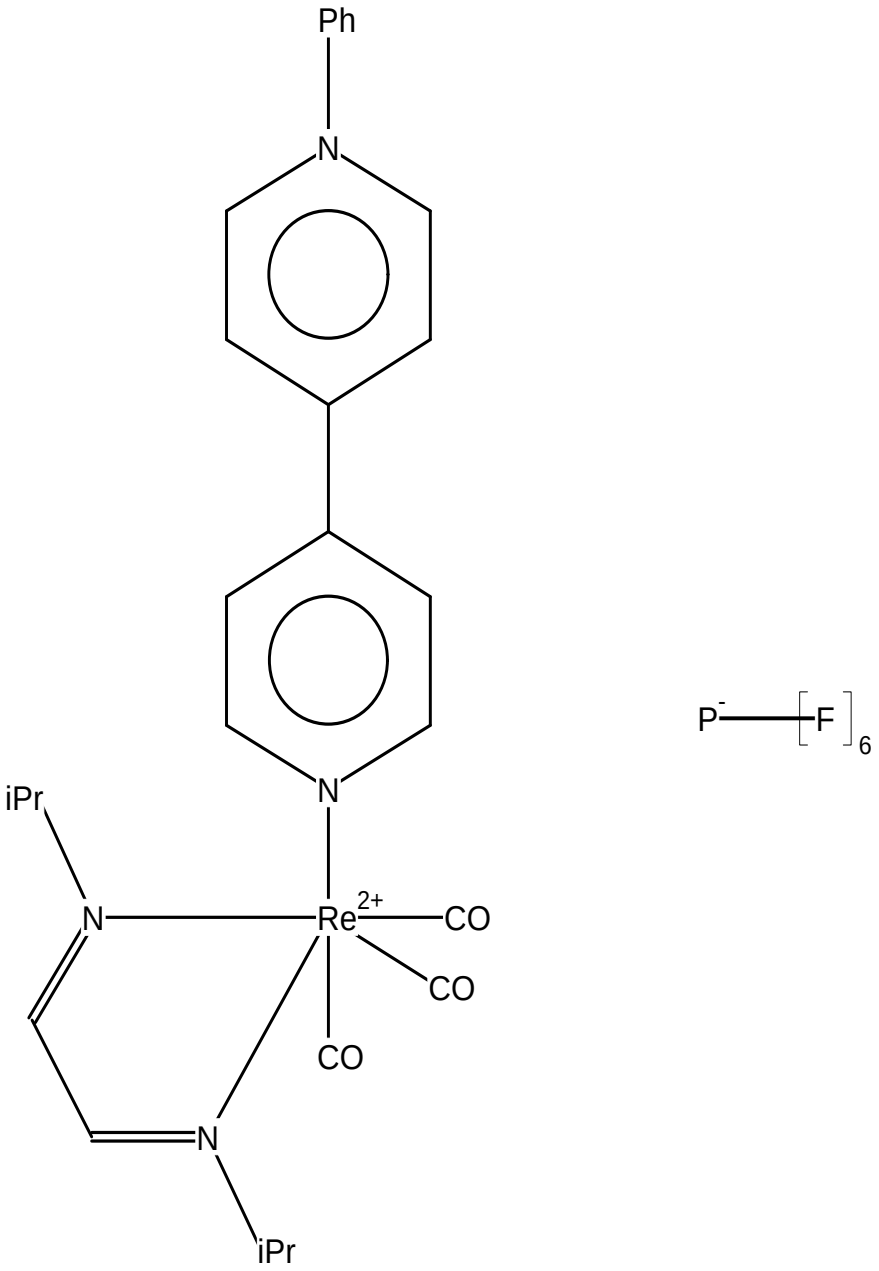
Reference: M.Busby, D.J.Liard, M.Motevalli, H.Toms, A.Vlcek Junior (2004) *Inorg.Chim.Acta ,***357,**167

Formula: $C_{27}\ H_{29}\ N_4\ O_3\ Re_1\ ^{2+}$,2($F_6\ P_1\ ^{1-}$)

Compound Name: Tricarbonyl-(N-phenyl-4,4'-bipyridinium)-(N,N'-di-isopropyl-1,4-diazabuta-1,3-diene)-rhenium bis(hexafluorophosphate)

Space Group:	P21/c	***Cell:***	***a*** 11.327(5)	***b*** 18.327(8)	***c*** 16.725(8)
Space Group No.:	14	***(Å,°)***	α 90.00	β 98.14(3)	γ 90.00

R-Factor (%): 3.00 ***Temperature(K):*** 160 ***Density(g/cm^3):*** 1.804



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 88

AQUTUB

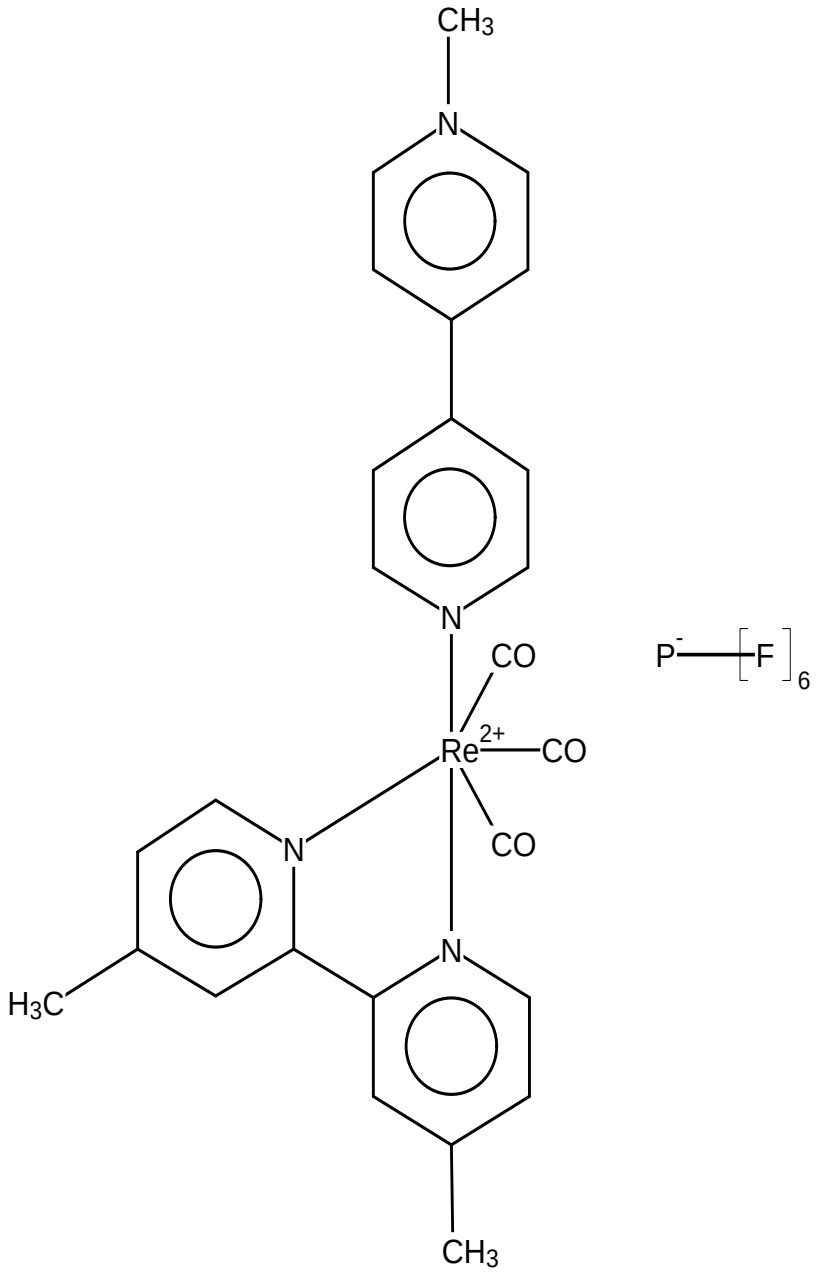
Reference: M.Busby, D.J.Liard, M.Motevalli, H.Toms, A.Vlcek Junior (2004) *Inorg.Chim.Acta* ,**357,**167

Formula: $C_{26}\ H_{23}\ N_4\ O_3\ Re_1\ ^{2+}$,2($F_6\ P_1\ ^{1-}$)

Compound Name: (4,4'-Dimethyl-2,2'-bipyridyl-N,N')-tricarbonyl-(N-methyl-4,4'-bipyridinium) -rhenium(ii) bis(hexafluorophosphate)

Space Group:	P21cn	***Cell:***	***a***	11.061(2)	***b***	23.418(4)	***c***	11.822(2)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.89 ***Temperature(K):*** 160 ***Density(g/cm^3):*** 1.986



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 89

AQUVAJ

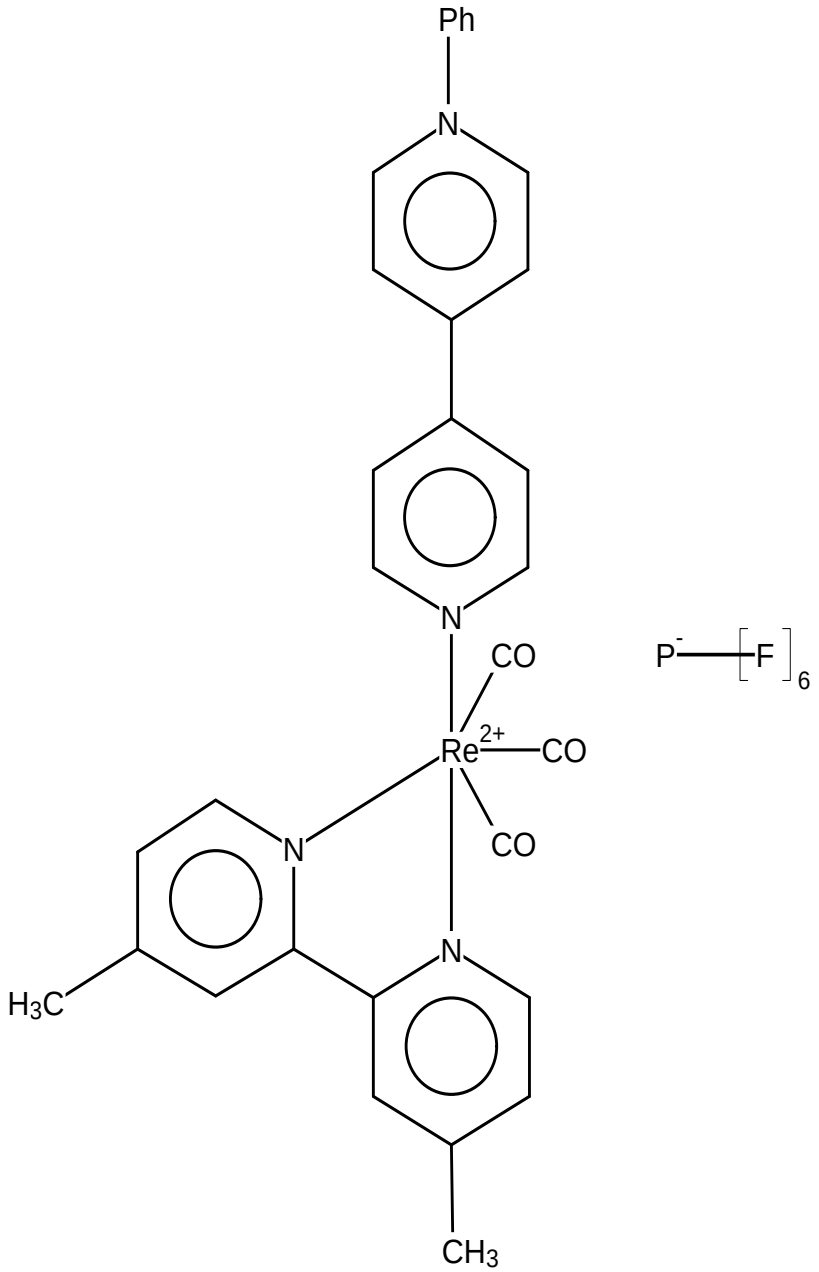
Reference: M.Busby, D.J.Liard, M.Motevalli, H.Toms, A.Vlcek Junior (2004) *Inorg.Chim.Acta* ,**357,**167

Formula: $C_{31}\ H_{25}\ N_4\ O_3\ Re_1\ ^{2+}$,2($F_6\ P_1\ ^{1-}$)

Compound Name: (4,4'-Dimethyl-2,2'-bipyridyl-N,N')-tricarbonyl-(N-phenyl-4,4'-bipyridinium) -rhenium(ii) bis(hexafluorophosphate)

Space Group:	P21/c	***Cell:***	***a***	19.674(4)	***b*** 10.985(2)	***c***	16.193(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.56(2)	γ	90.00

R-Factor (%): 3.85 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.901



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 90

AREPIW

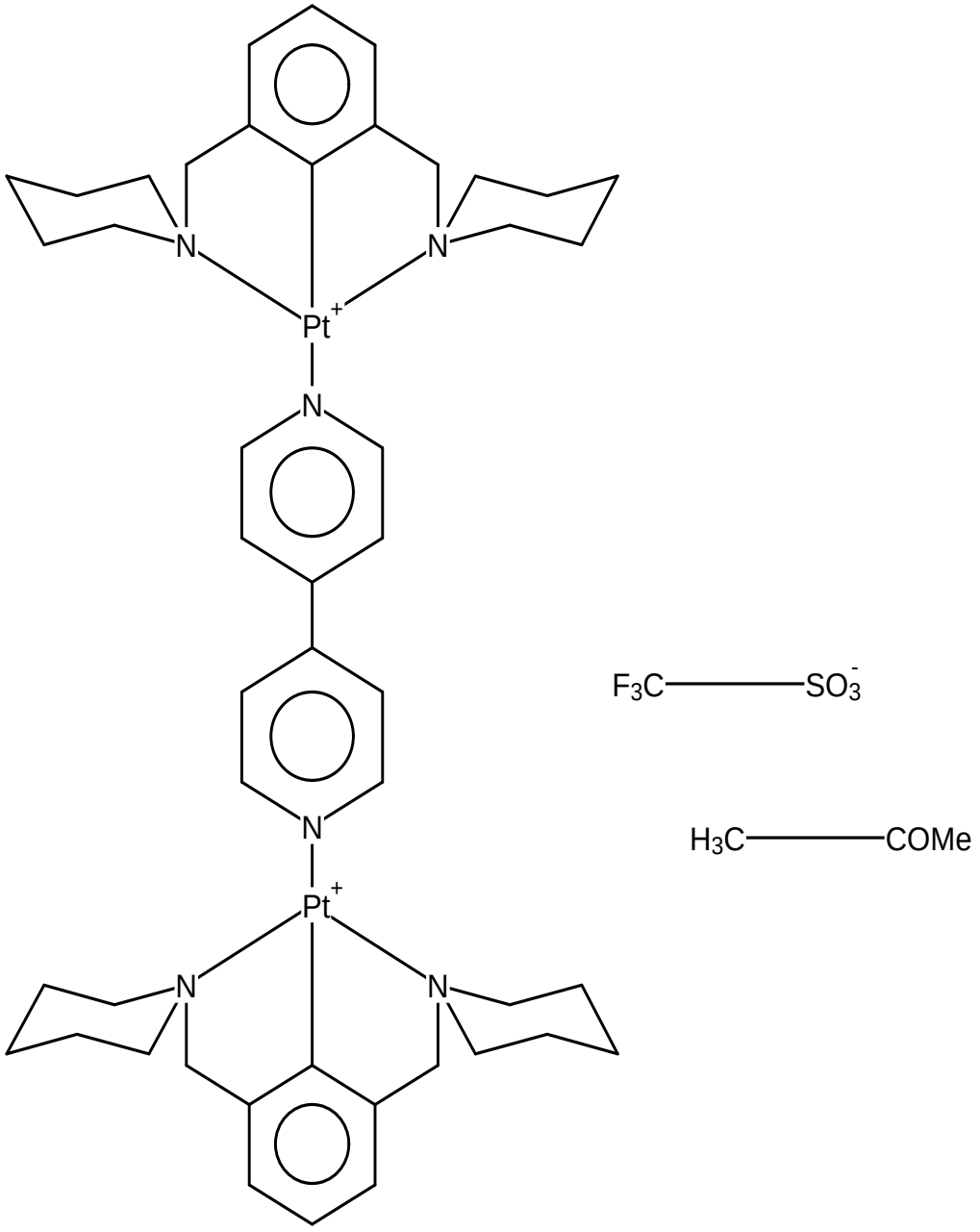
Reference: H.Jude, J.A.Krause Bauer, W.B.Connick (2004)
Inorg.Chem. ,**43,**725

Formula: $C_{46}\ H_{62}\ N_6\ Pt_2\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$),$C_3\ H_6\ O_1$

Compound Name: (μ_2-4,4'-bipyridine)-bis(2,6-bis(piperidylmethyl)phenyl)-di-platinum(ii) bis(trifluoromethanesulfonate) acetone solvate

Space Group:	I2/a	***Cell:***	***a***	21.332(0)	***b***	9.653(0)	***c***	26.180(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.49(0)	γ	90.00

R-Factor (%):	4.51	***Temperature(K):***	150	***Density(g/cm^3):***	1.793



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 91

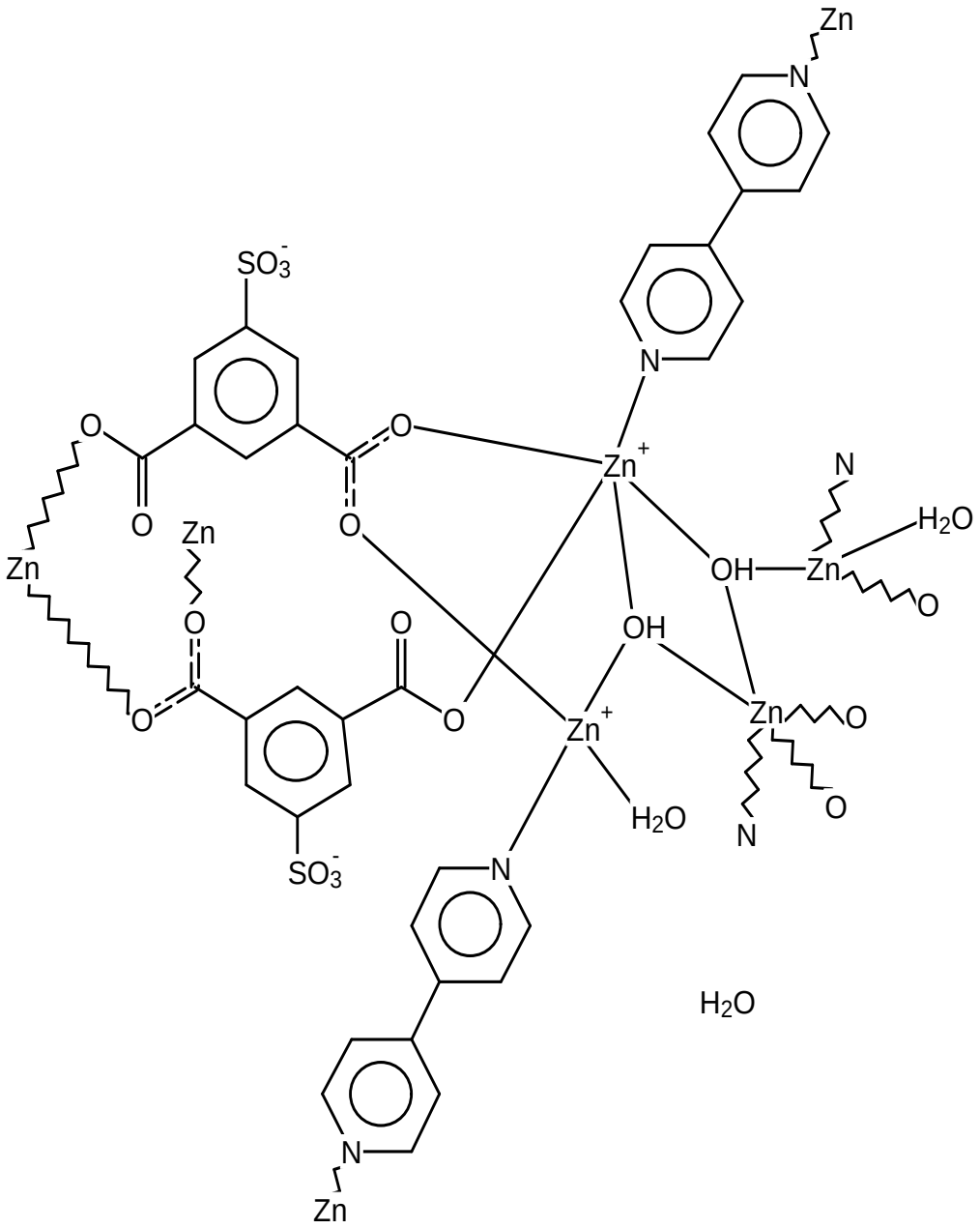
ARIFIQ

Reference: Jun Tao, Xin Yin, Zan-Bin Wei, Rong-Bin Huang, Lan-Sun Zheng (2004) *Eur.J.Inorg.Chem.* ,125

Formula: $(C_{36}\ H_{28}\ N_4\ O_{18}\ S_2\ Zn_4)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-hydroxo)-bis(μ_3-5-sulfoisophthalato)-bis(μ_2-4,4'-bipyridyl)-diaqua-tetra-zinc trihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.106(2)	***b*** 10.851(2)	***c*** 11.125(2)
Space Group No.:	2	***(Å,°)***	α 105.66(3)	β 112.63(3)	γ 98.18(3)
R-Factor (%):	2.73	***Temperature(K):***	298	***Density(g/cm^3):***	1.888



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 92

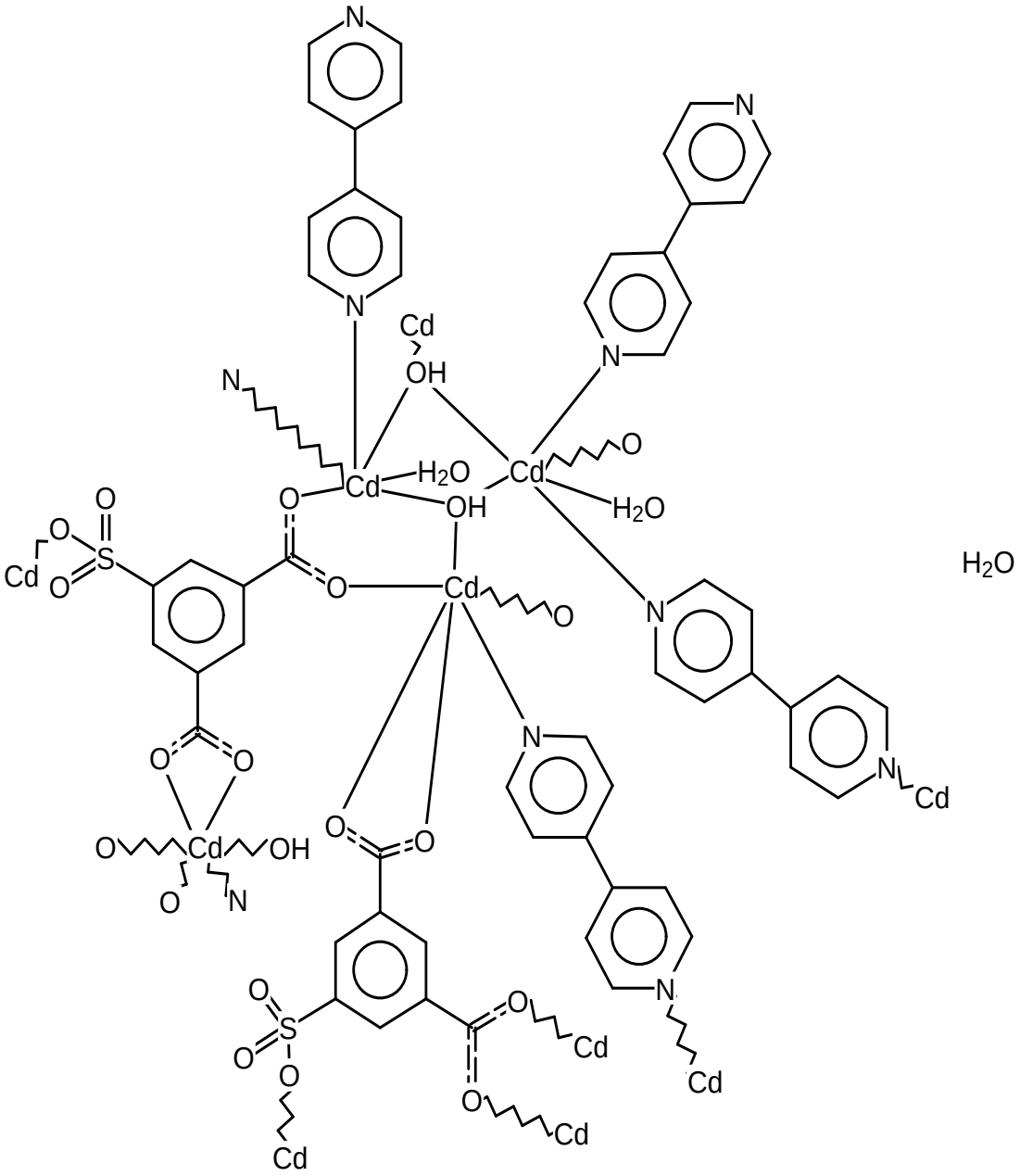
ARIFOW

Reference: Jun Tao, Xin Yin, Zan-Bin Wei, Rong-Bin Huang, Lan-Sun Zheng (2004) *Eur.J.Inorg.Chem.* ,125

Formula: $(C_{56}\ H_{44}\ Cd_4\ N_8\ O_{18}\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-5-sulfoisophthalato)-bis(μ_3-hydroxo)-bis(μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-diaqua-tetra-cadmium monohydrate)

Space Group:	C2/c	***Cell:***	***a***	25.602(0)	***b***	16.571(0)	***c***	13.322(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.52(0)	γ	90.00
R-Factor (%):	3.67	***Temperature(K):***	296		***Density(g/cm^3):***	1.940		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 93

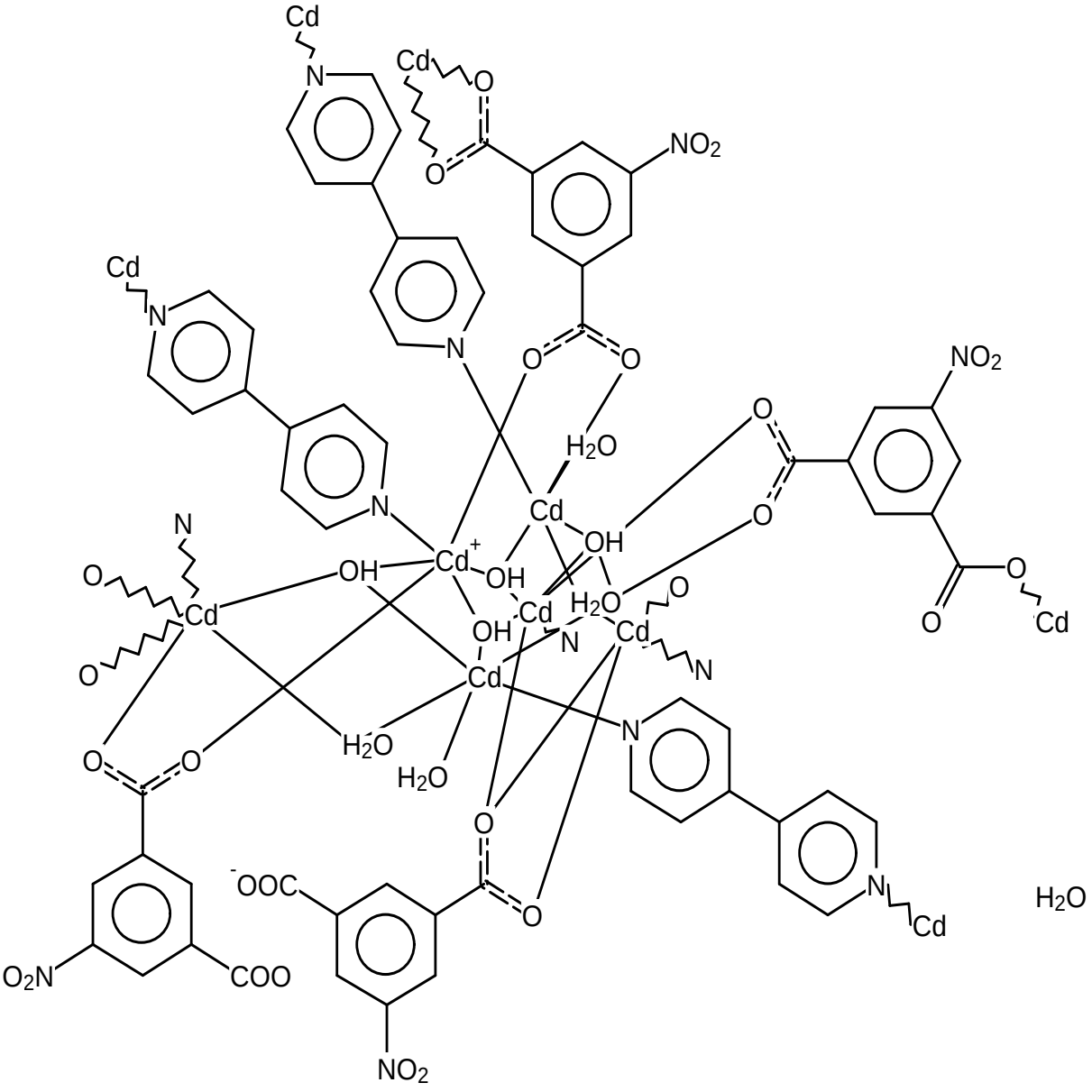
ARIGAJ

Reference: Jun Tao, Xin Yin, Zan-Bin Wei, Rong-Bin Huang, Lan-Sun Zheng (2004) *Eur.J.Inorg.Chem.* ,125

Formula: $(C_{62}\ H_{48}\ Cd_6\ N_{10}\ O_{32})n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-nitroisophthalato)-tetrakis(μ_3-hydroxo)-bis(μ_2-aqua)-tris(μ_2-4,4'-bipyridine)-bis(μ_2-5-nitroisophthalato)-diaqua-hexa-cadmium trihydrate)

Space Group:	P-1	***Cell:***	***a***	14.295(0)	***b***	14.472(0)	***c***	20.204(1)
Space Group No.:	2	***(Å,°)***	α	73.36(0)	β	82.20(0)	γ	62.77(0)
R-Factor (%):	6.74	***Temperature(K):***	298	***Density(g/cm^3):***	2.027			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 94

ARIHIS

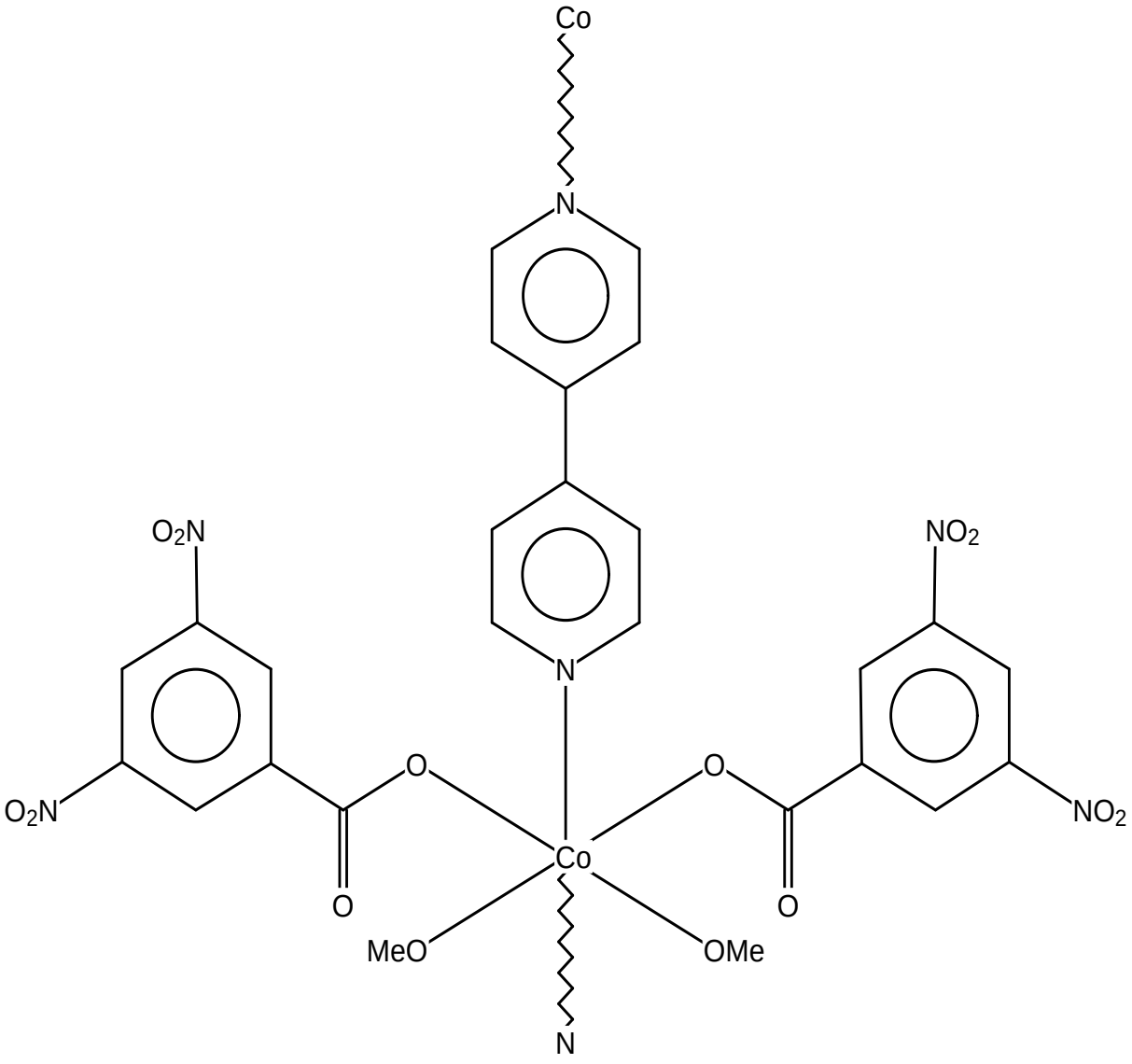
Reference: V.R.Pedireddi, S.Varughese (2004) *Inorg.Chem.* ,**43,**450

Formula: $(C_{26}\ H_{20}\ Co_1\ N_6\ O_{14})n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(3,5-dinitrobenzoato)-dimethoxy-cobalt(ii))

Space Group:	P43212	***Cell:***	***a***	8.095(1)	***b***	8.095(1)	***c*** 46.283(6)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.532



Search: search1 (Thu May 26 10:05:42 2011): Hit 95

ARIHOY

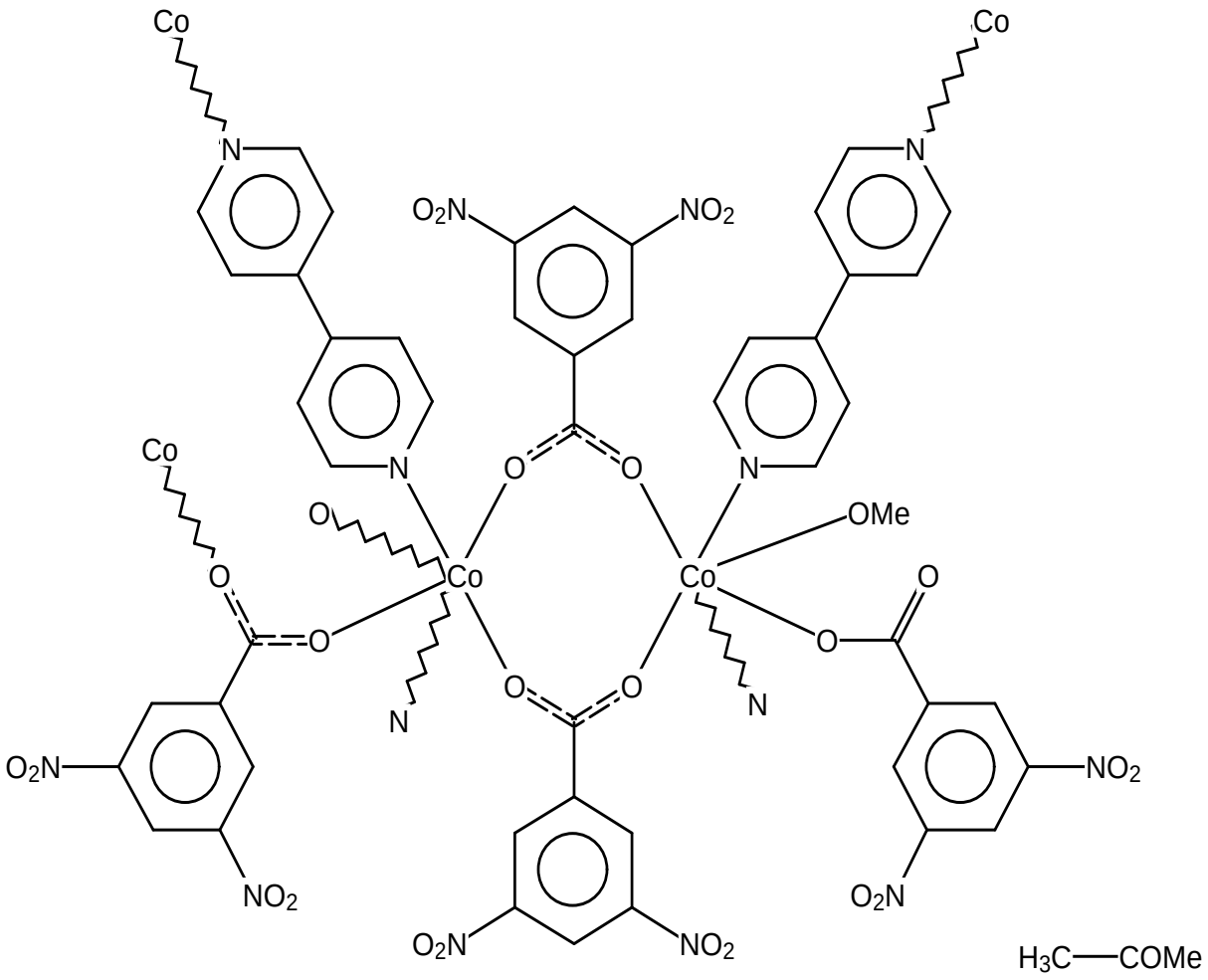
Reference: V.R.Pedireddi, S.Varughese (2004) *Inorg.Chem.* ,**43,**450

Formula: $(C_{49}\ H_{31}\ Co_2\ N_{12}\ O_{25})n,n(C_3\ H_6\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-tris(μ_2-3,5-dinitrobenzoato)-(3,5-dinitrobenzoato)-methoxy-di-cobalt(ii) acetone solvate)

Space Group:	P21/c	***Cell:***	***a***	22.774(2)	***b*** 11.375(1)	***c***	22.533(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.15(1)	γ	90.00

R-Factor (%): 10.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.600



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 96

ARIHUE

Reference: V.R.Pedireddi, S.Varughese (2004) *Inorg.Chem.* ,**43,**450

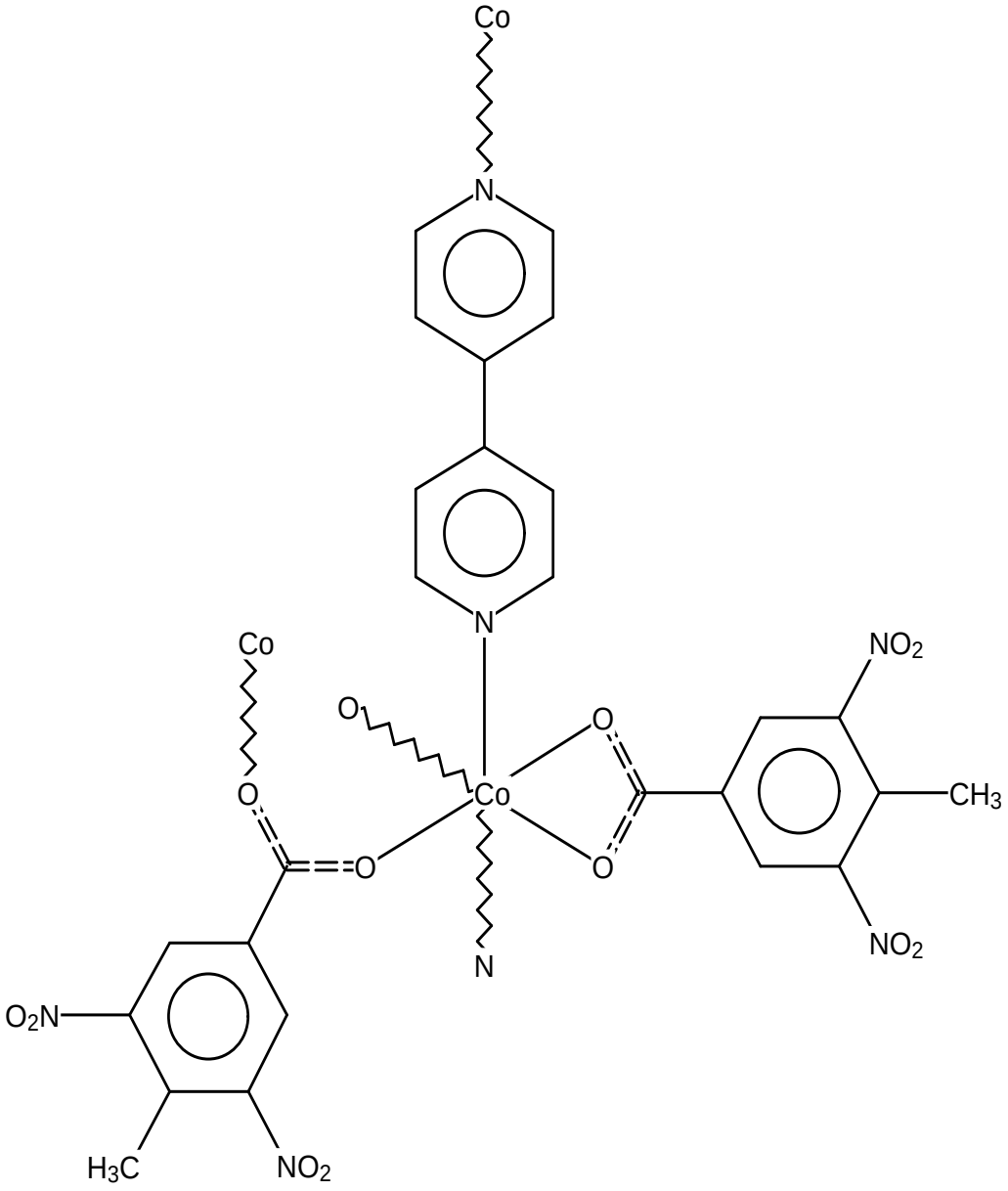
Formula: $(C_{26}\ H_{18}\ Co_1\ N_6\ O_{12})n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-3,5-dinitro-4-methylbenzoato)-(3,5-dinitro-4-methylbenzoato)-cobalt(ii))

Synonym: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-3,5-dinitrotoluato)-(3,5-dinitrotoluato)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	17.675(6)	***b*** 18.709(4)	***c***	21.044(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.68(3)	γ	90.00

R-Factor (%): 9.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.341



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 97

ARIJAM

Reference: V.R.Pedireddi, S.Varughese (2004) *Inorg.Chem.* ,**43,**450

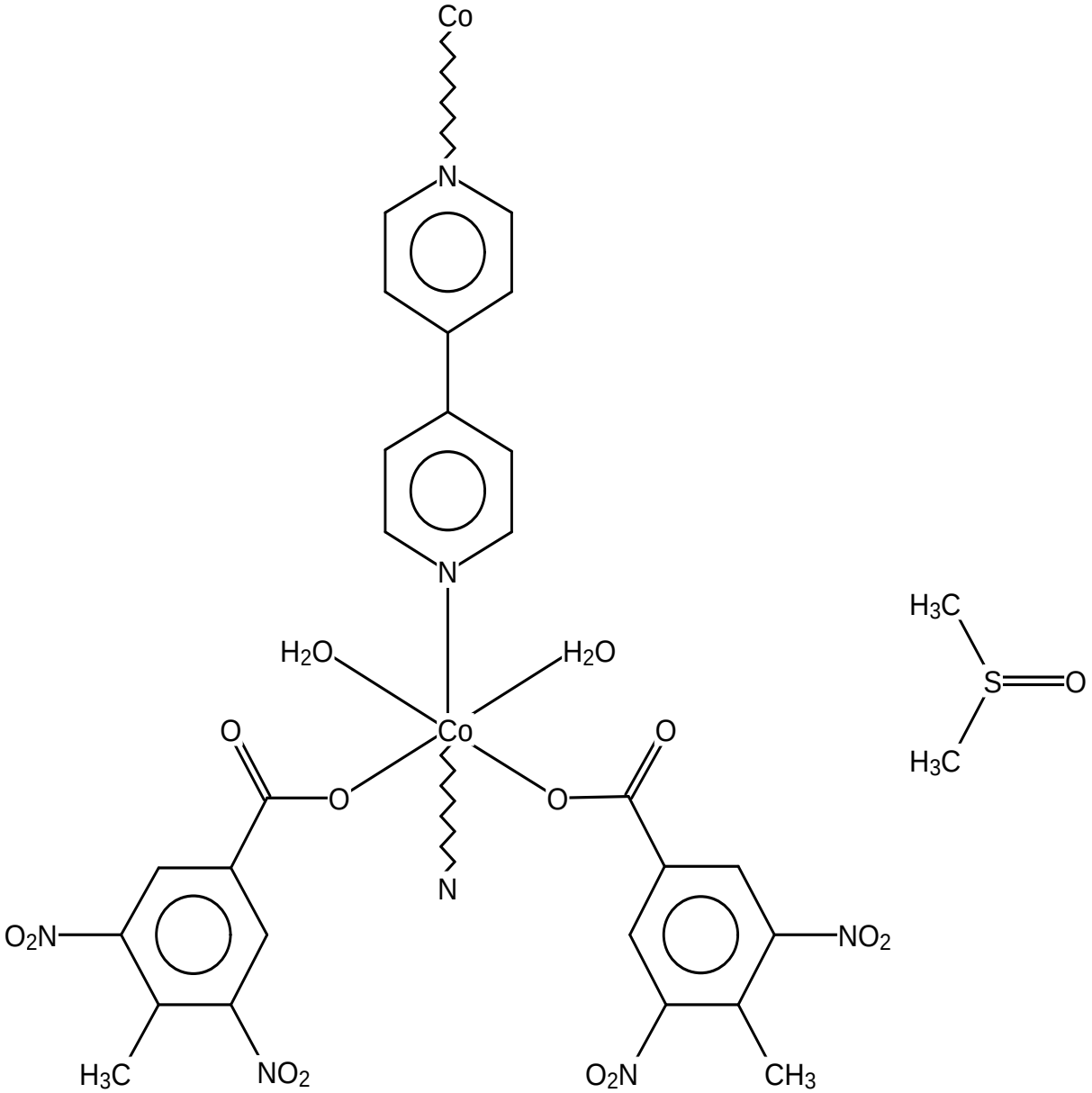
Formula: $(C_{26}\ H_{22}\ Co_1\ N_6\ O_{14})n,2n(C_2\ H_6\ O_1\ S_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(3,5-dinitro-4-methylbenzoato)-cobalt(ii) dimethylsulfoxide solvate)

Synonym: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(3,5-dinitrotoluato)-cobalt(ii) dimethylsulfoxide solvate)

Space Group:	P2/n	***Cell:***	***a***	11.025(5)	***b***	15.139(4)	***c***	11.443(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β	97.48(3)	γ	90.00

R-Factor (%): 5.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.504



Search: search1 (Thu May 26 10:05:42 2011): Hit 98

ARODIU

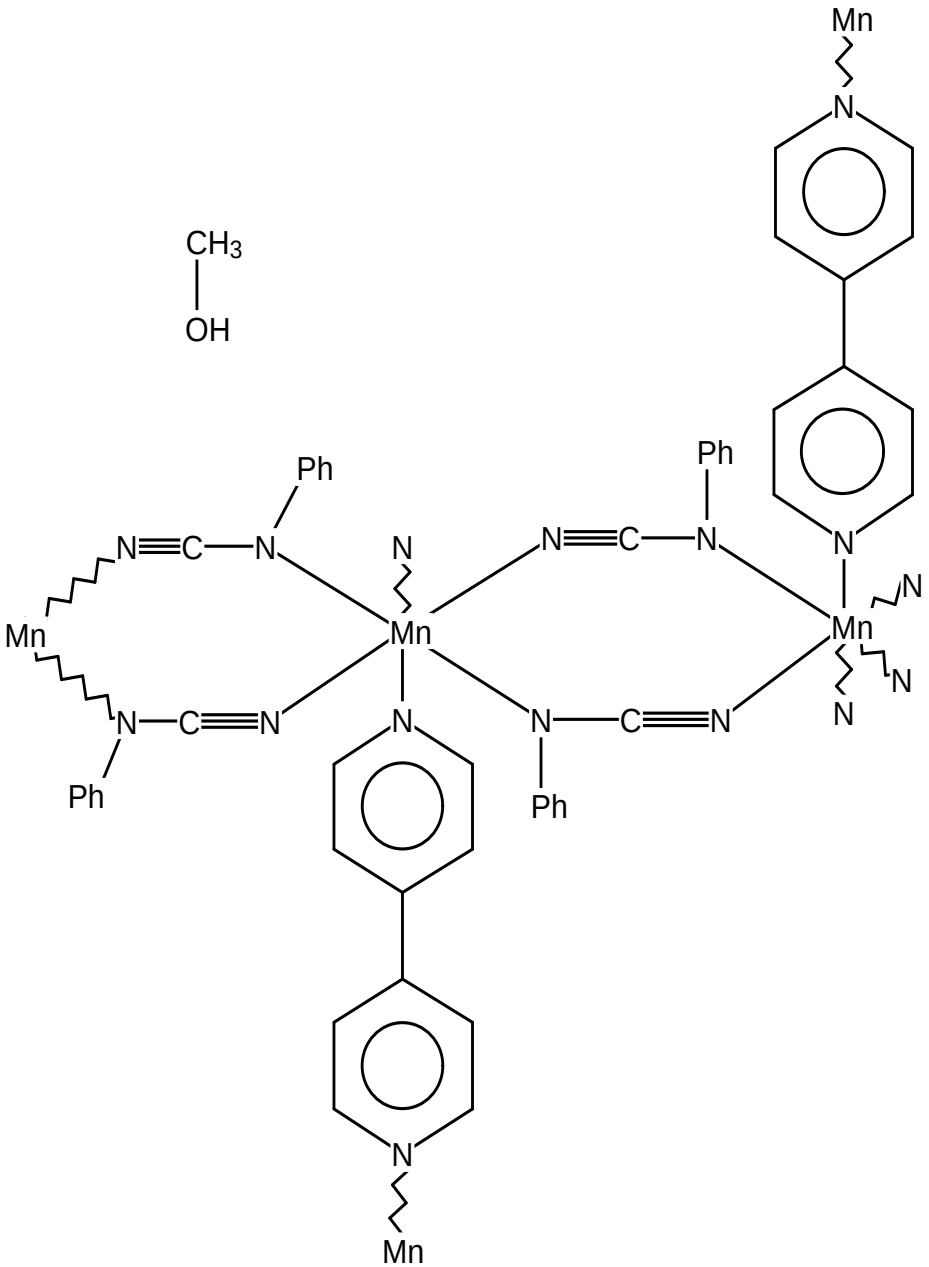
Reference: A.Escuer, N.Sanz, F.A.Mautner, R.Vicente (2004)
Eur.J.Inorg.Chem. ,309

Formula: $(C_{48}\ H_{36}\ Mn_2\ N_{12})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-phenylcyanamido-N,N')-di-manganese(ii) methanol solvate]

Space Group:	C2	***Cell:***	***a***	18.498(4)	***b*** 11.712(2)	***c***	10.472(2)
Space Group No.:	5	***(Å,°)***	α	90.00	β 106.43(3)	γ	90.00

R-Factor (%): 4.82 ***Temperature(K):*** 88 ***Density(g/cm^3):*** 1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 99

AROTEG

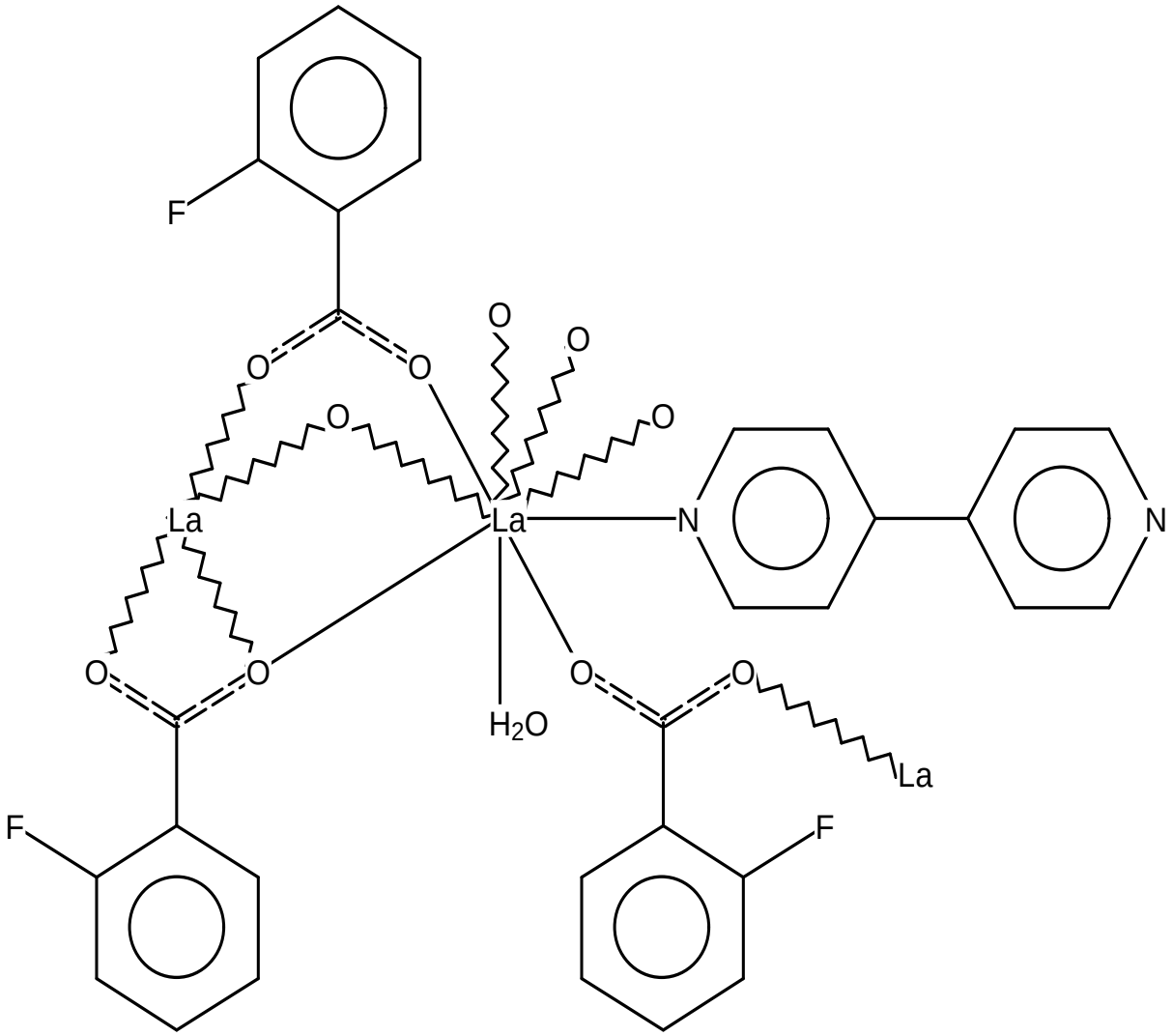
Reference: Xia Li, Ying-Quan Zou, Hai-Bin Song (2004)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. , **60,**m110

Formula: $(C_{31}\ H_{22}\ F_3\ La_1\ N_2\ O_7)n$

Compound Name: catena-($(\mu_2$-2-Fluorobenzoato-O,O,O')-bis(μ_2-2-fluorobenzoato-O,O')-aqua-(4,4'-bipyridyl-N)-lanthanum(iii))

Space Group:	P-1	***Cell:***	***a***	9.746(5)	***b*** 12.780(7)	***c***	13.315(7)
Space Group No.:	2	***(Å,°)***	α	113.13(0)	β 104.76(0)	γ	96.92(0)

R-Factor (%): 3.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.698



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 100

ARUKUT

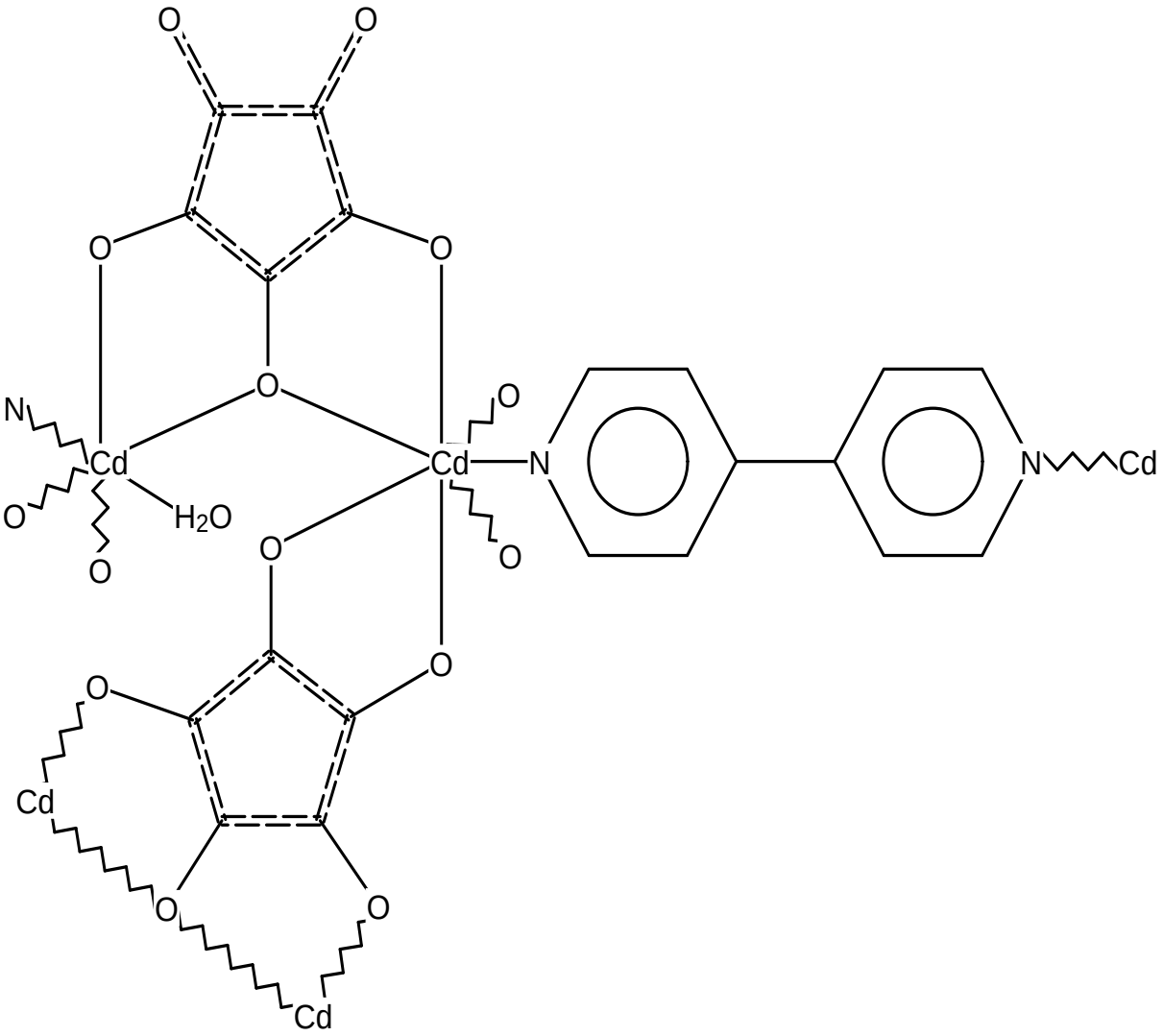
Reference: Chih-Chieh Wang, Cheng-Han Yang, Shih-Min Tseng, Gene-Hsiang Lee, Yung-Ping Chiang, Hwo-Shuenn Sheu (2003) *Inorg.Chem. ,***42,**8294

Formula: $(C_{20}\ H_{10}\ Cd_2\ N_2\ O_{11})n,n(H_2\ O_1)$

Compound Name: catena-((μ3-Croconato)-(μ2-4,4'-bipyridine-N,N')-(μ2-croconato)-aqua-di-cadmium(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	15.962(0)	***b***	7.584(0)	***c*** 18.118(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.95	γ 90.00

R-Factor (%): 2.27 ***Temperature(K):*** 295 ***Density(g/cm3):*** 2.143



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 101

ASAJIN

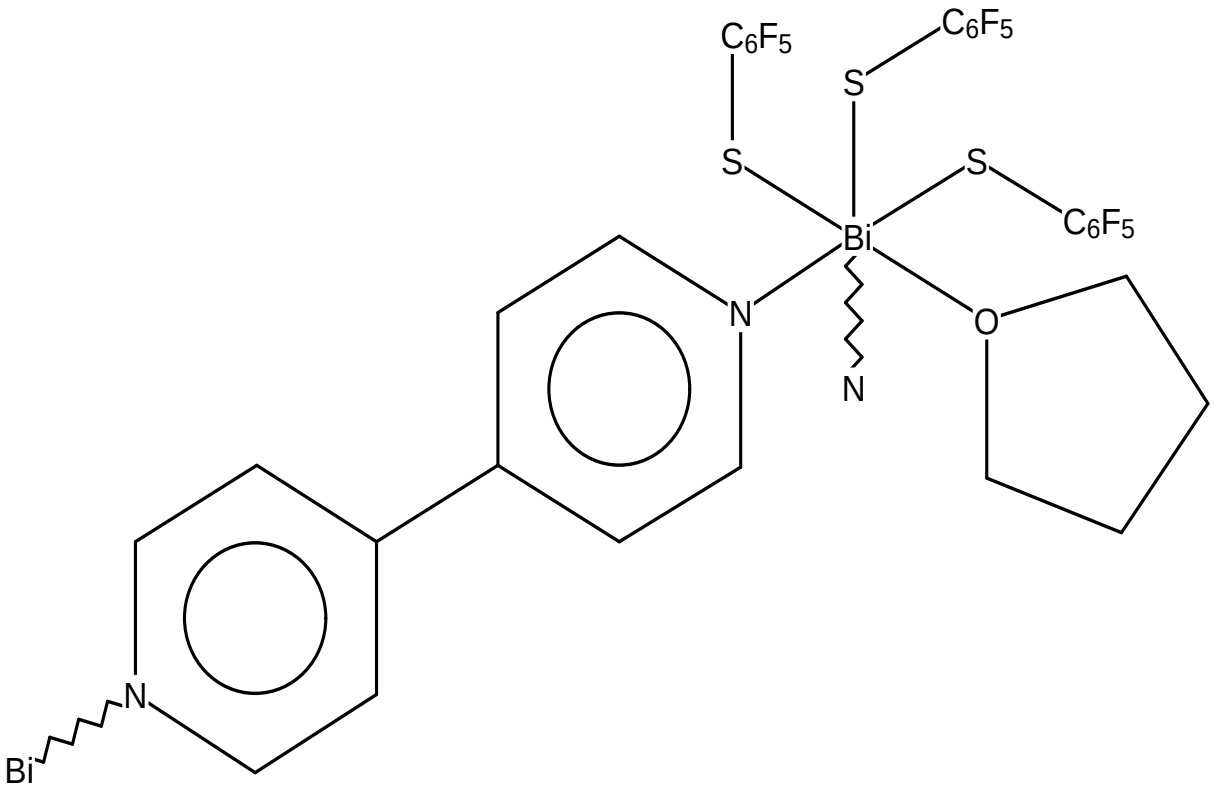
Reference: J.P.H.Charmant, A.H.M.M.Jahan, N.C.Norman, A.G.Orpen, T.J.Podesta (2004) *CrystEngComm* ,**6,**29

Formula: $(C_{32}\ H_{16}\ Bi_1\ F_{15}\ N_2\ O_1\ S_3)n$

Compound Name: catena-(fac-(μ_2-4,4-Bipyridyl)-(tetrahydrofuran)-tris(perfluorophenylthiolato)-bismuth(iii))

Space Group:	P21/n	***Cell:***	***a***	9.439(1)	***b***	18.206(2)	***c*** 19.514(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.39(0)	γ 90.00

R-Factor (%): 2.93 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.055



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 102

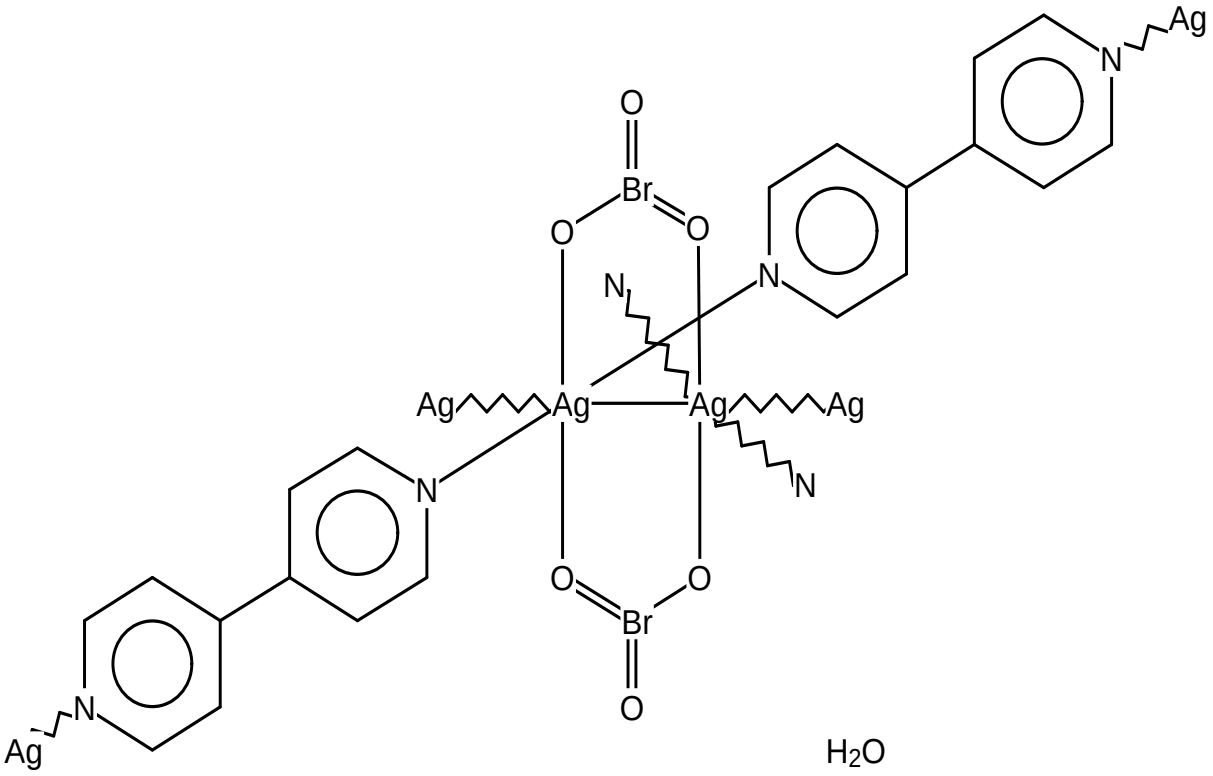
ASOWOU

Reference: Chun-Xia Ren, Li Cheng, Xiao-Ming Chen, S.W.Ng (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m364

Formula: $(C_{20}\ H_{16}\ Ag_2\ Br_2\ N_4\ O_6)n,5n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-Bromato)-bis(μ_2-4,4'-bipyridine)-di-silver(i) pentahydrate]

Space Group:	P21/n	***Cell:***	***a***	13.113(0)	***b*** 6.984(0)	***c***	15.391(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.65(0)	γ	90.00
R-Factor (%):	3.00	***Temperature(K):***	298		***Density(g/cm^3):***		2.128



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 103

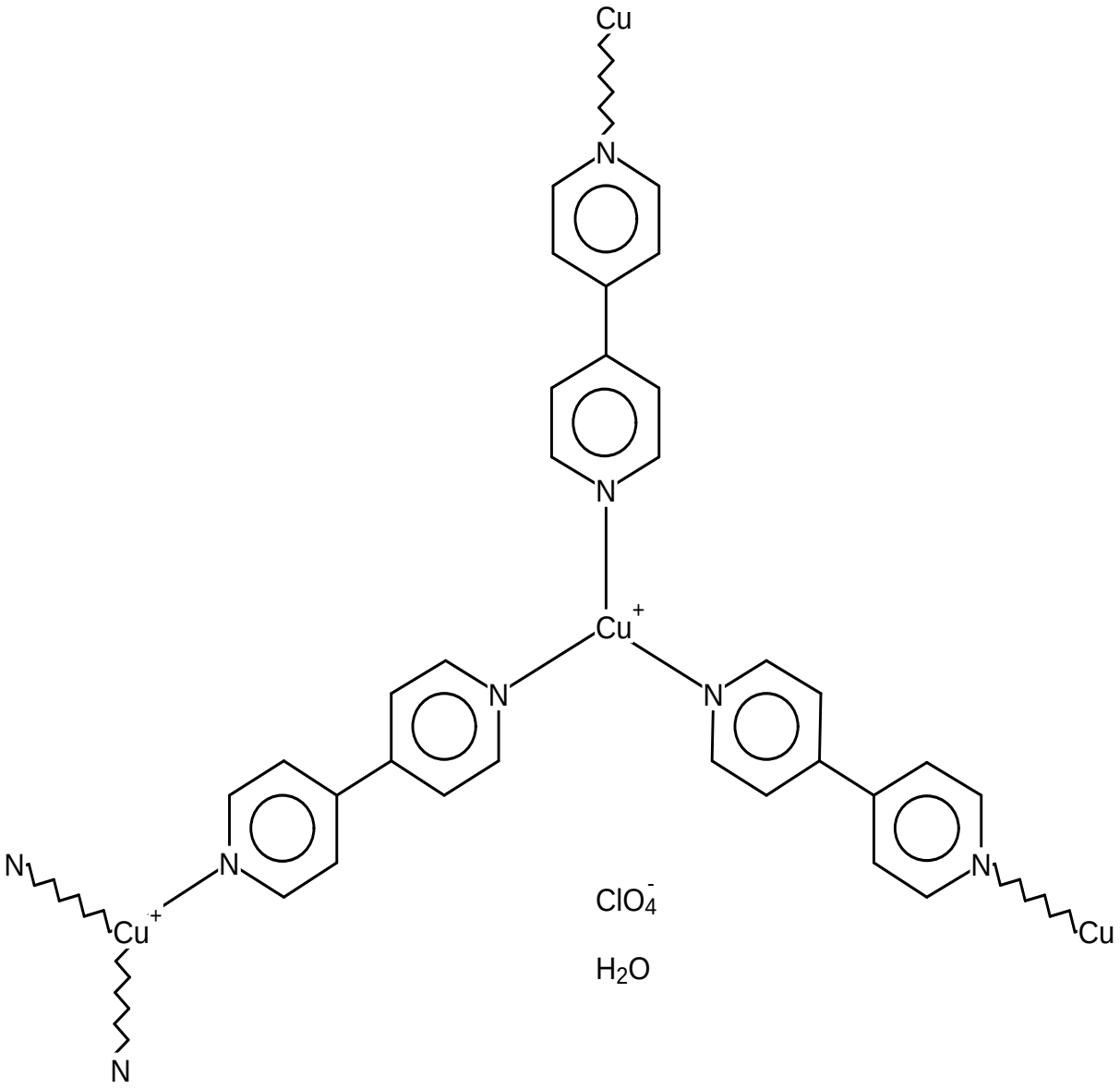
ASUKEE

Reference: Jian Zhang, Yao Kang, Yi-Hang Wen, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m504

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-di-copper(i) diperchlorate dihydrate clathrate)

Space Group:	Fddd	***Cell:***	***a***	18.777(0)	***b***	23.359(1)	***c*** 30.423(1)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	5.33	***Temperature(K):***	293		***Density(g/cm3):***	1.654	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 104

ASUKEE01

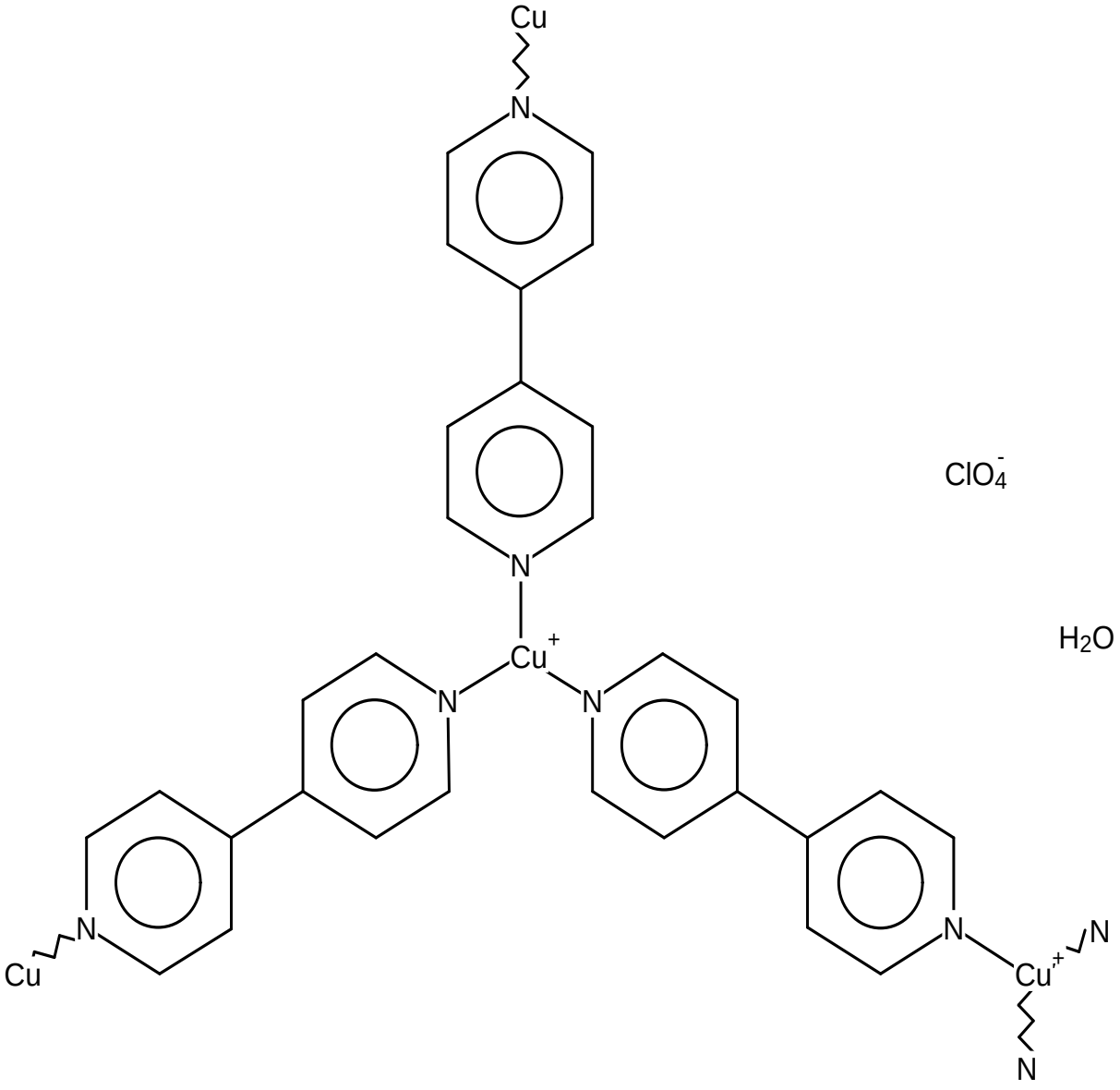
Reference: Cheng-Zhi Xie, Ze-Feng Zhang, Bao-Feng Zhang, Xiao-Qing Wang, Ru-Ji Wang, Guang-Qiu Shen, De-Zhong Shen, Bin Ding (2006) *Eur.J.Inorg.Chem.* ,1337

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-[tris(μ_2-4,4'-Bipyridyl)-di-copper(i) diperchlorate dihydrate]

Space Group:	Fddd	***Cell:***	***a***	18.747(2)	***b***	23.355(3)	***c***	30.404(4)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.20 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.658



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 105

ATAJIO

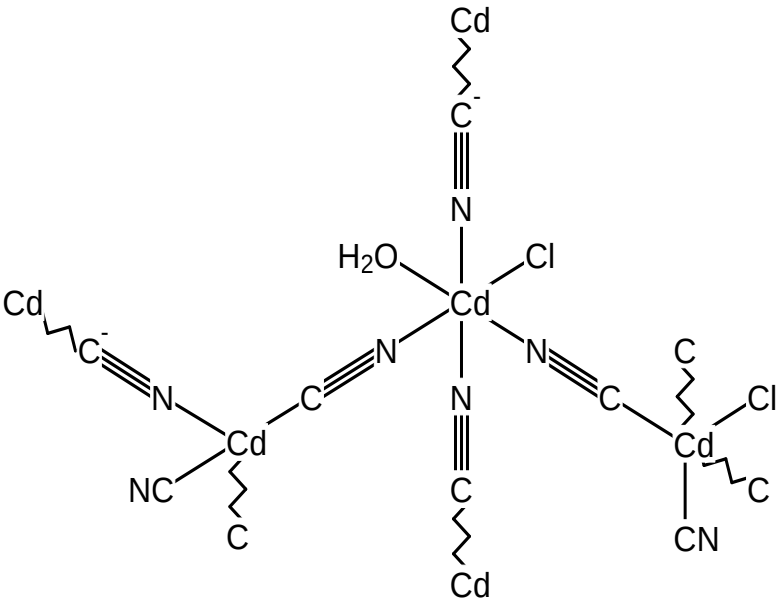
Reference: H.Yoshikawa, S.Nishikiori, T.Ishida (2003)
*J.Phys.Chem.B ,***107,**9261

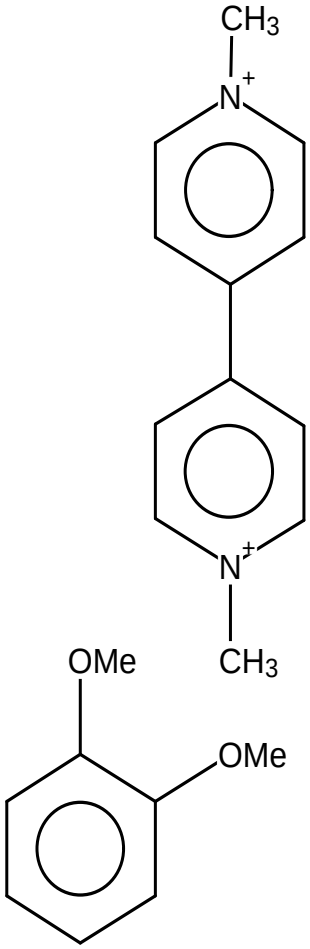
Formula: $(C_7 H_2 Cd_3 Cl_2 N_7 O_1 ^{2-})n,n(C_{12} H_{14} N_2 ^{2+}),n(C_8 H_{10} O_2)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium pentakis(μ_2-cyano)-aqua-dichloro-dicyano-tri-cadmium o-dimethoxybenzene clathrate)

Space Group:	Pnma	***Cell:***	***a***	15.475(0)	***b***	8.841(0)	***c***	25.059(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.807





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 106

ATEYAZ

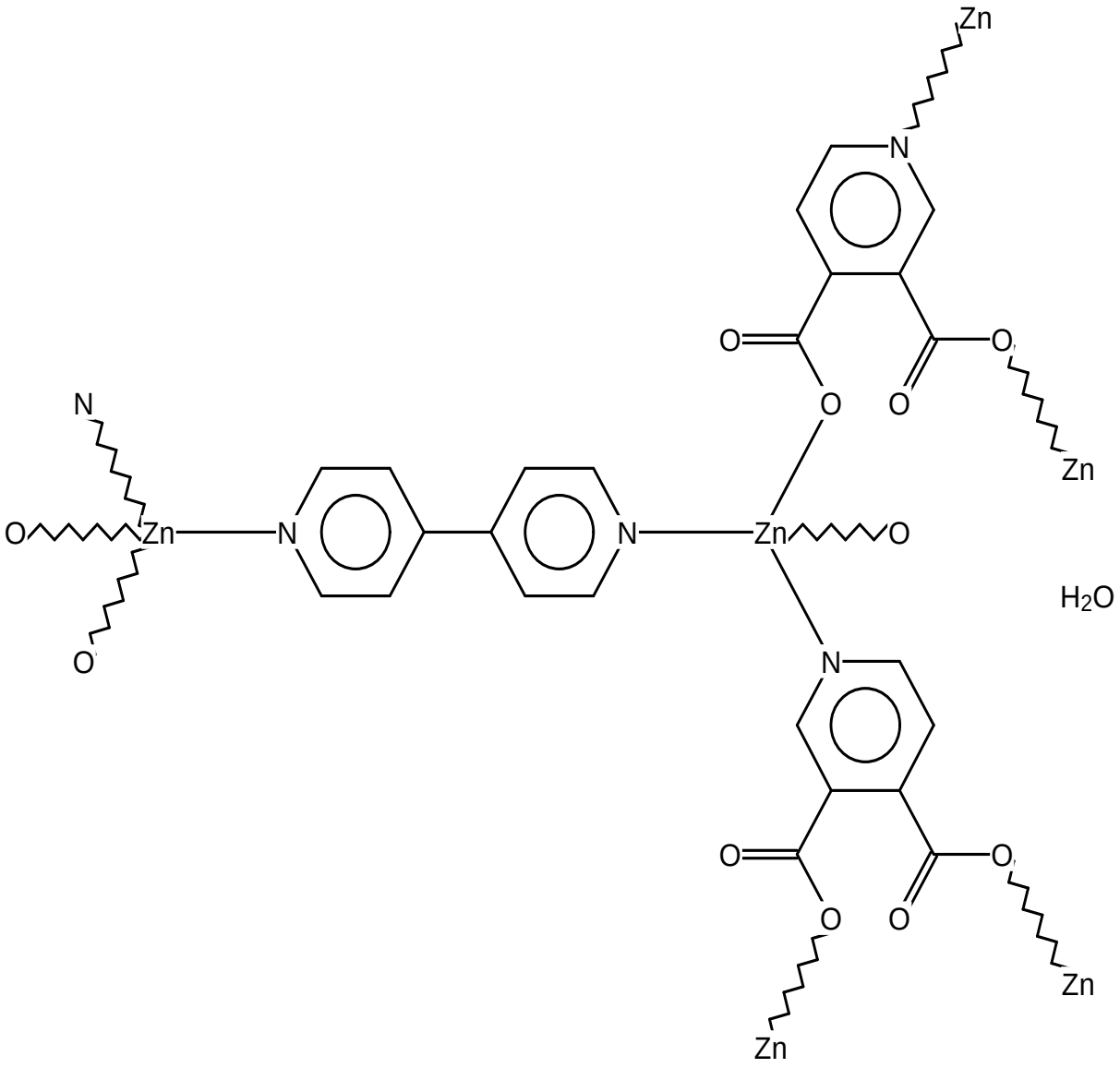
Reference: Xinlong Wang, Chao Qin, Enbo Wang, Yangguang Li, Changwen Hu, Lin Xu (2004) *Chem.Commun.* ,378

Formula: $(C_{24}\ H_{14}\ N_4\ O_8\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Pyridine-3,4-dicarboxylato-N,O,O')-(μ_2-4,4'-bipyridyl-N,N')-di-zinc(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	16.069(3)	***b*** 13.635(3)	***c***	11.508(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.60(3)	γ	90.00

R-Factor (%): 3.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.800



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 107

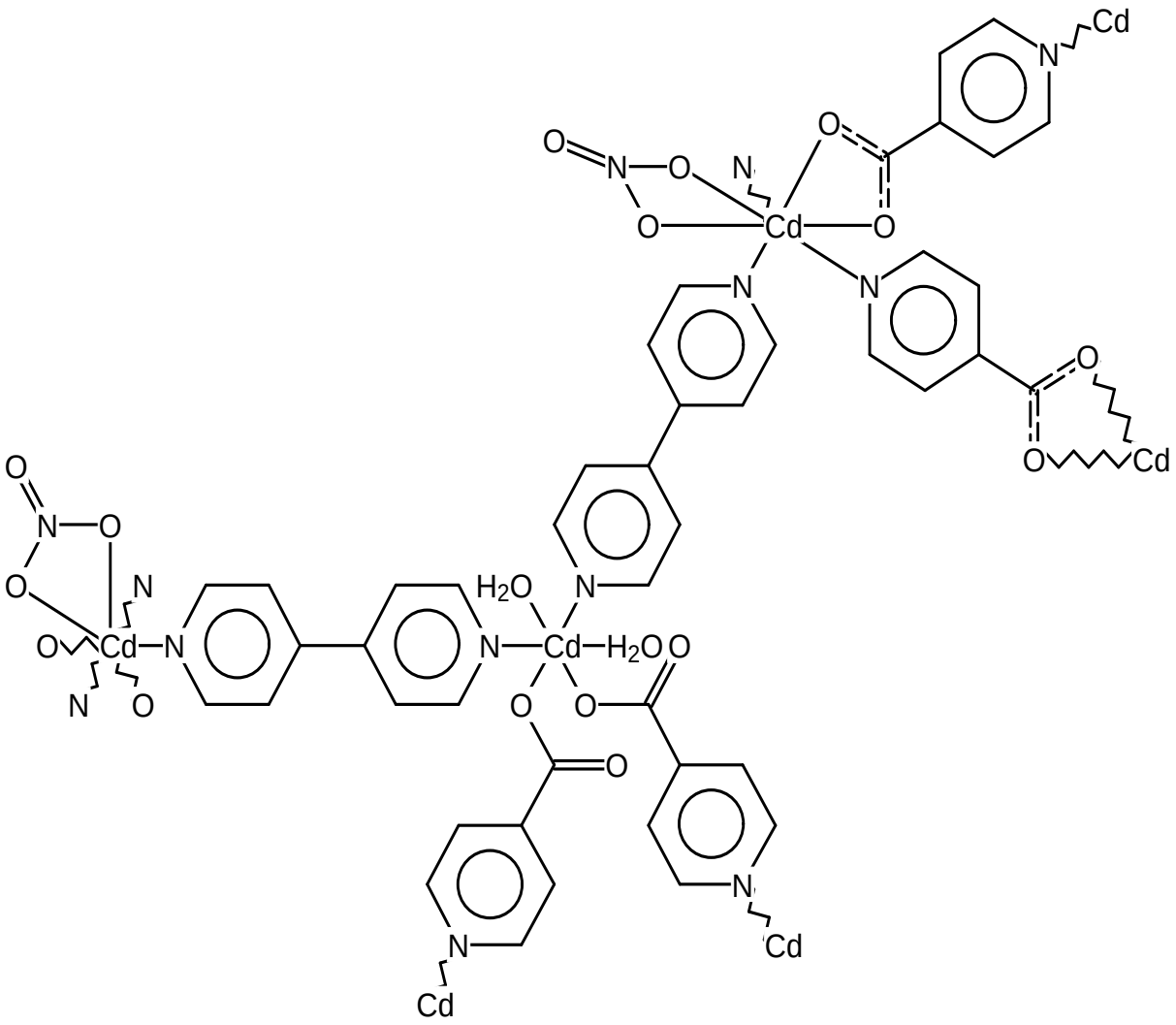
AVAQOD

Reference: Ju-Hsiou Liao, Chiung-Yu Lai, Chien-De Ho, Ching-Ting Su (2004) *Inorg.Chem.Commun. ,***7,**402

Formula: $(C_{44}\ H_{36}\ Cd_3\ N_{10}\ O_{16})n$

Compound Name: catena-(bis((μ$_2$-Isonicotinato-N,O,O')-(μ$_2$-isonicotinato-N,O)-(μ$_2$-4,4'-bipyridine)-aqua-(nitrato-O,O'))-tri-cadmium)

Space Group:	P21/n	***Cell:***	***a***	9.838(2)	***b***	12.891(4)	***c*** 19.302(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.57(2)	γ 90.00
R-Factor (%):	2.71	***Temperature(K):***	293		***Density(g/cm^3):***		1.761



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 108

AWIHOD

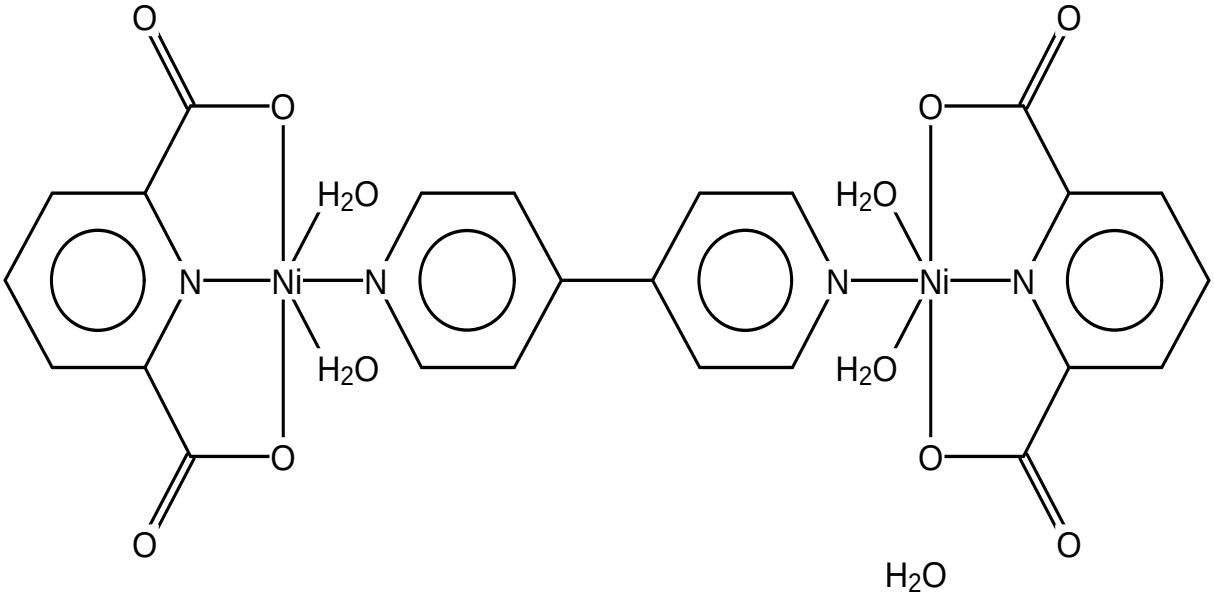
Reference: Xinlong Wang, Chao Qin, Enbo Wang, Changwen Hu, Lin Xu (2004) *J.Mol.Struct.* ,**692,**187

Formula: $C_{24}\,H_{22}\,N_4\,Ni_2\,O_{12}$,4($H_2\,O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-tetra-aqua-bis(pyridine-2,6-carboxylato)-di-nickel tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	10.582(2)	***b*** 20.246(4)	***c***	7.250(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.73(3)	γ	90.00

R-Factor (%): 3.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.661



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 109

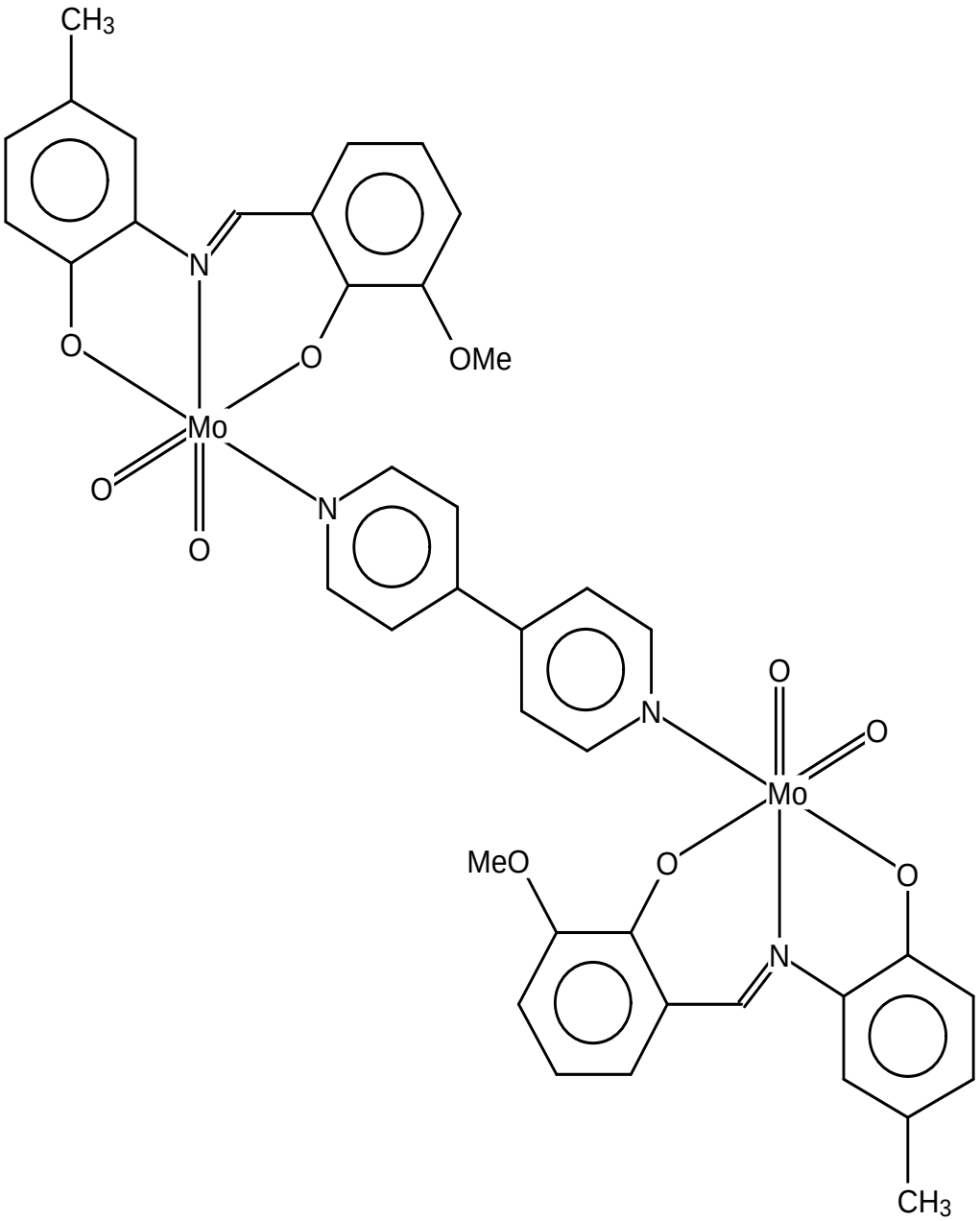
AXEBIO

Reference: M.Cindric, N.Strukan, V.Vrdoljak, B.Kamenar (2004)
Z.Anorg.Allg.Chem. ,**630,**585

Formula: $C_{40}\ H_{34}\ Mo_2\ N_4\ O_{10}$

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-tetraoxo-bis(2-(N-(3-methoxysalicylidene)amino)-4-methylphenolato-N,O,O')-di-molybdenum(vi)

Space Group:	P21/n	***Cell:***	***a***	9.234(0)	***b***	13.474(0)	***c***	14.627(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.36(0)	γ	90.00
R-Factor (%):	2.90	***Temperature(K):***	150		***Density(g/cm^3):***	1.694		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 110

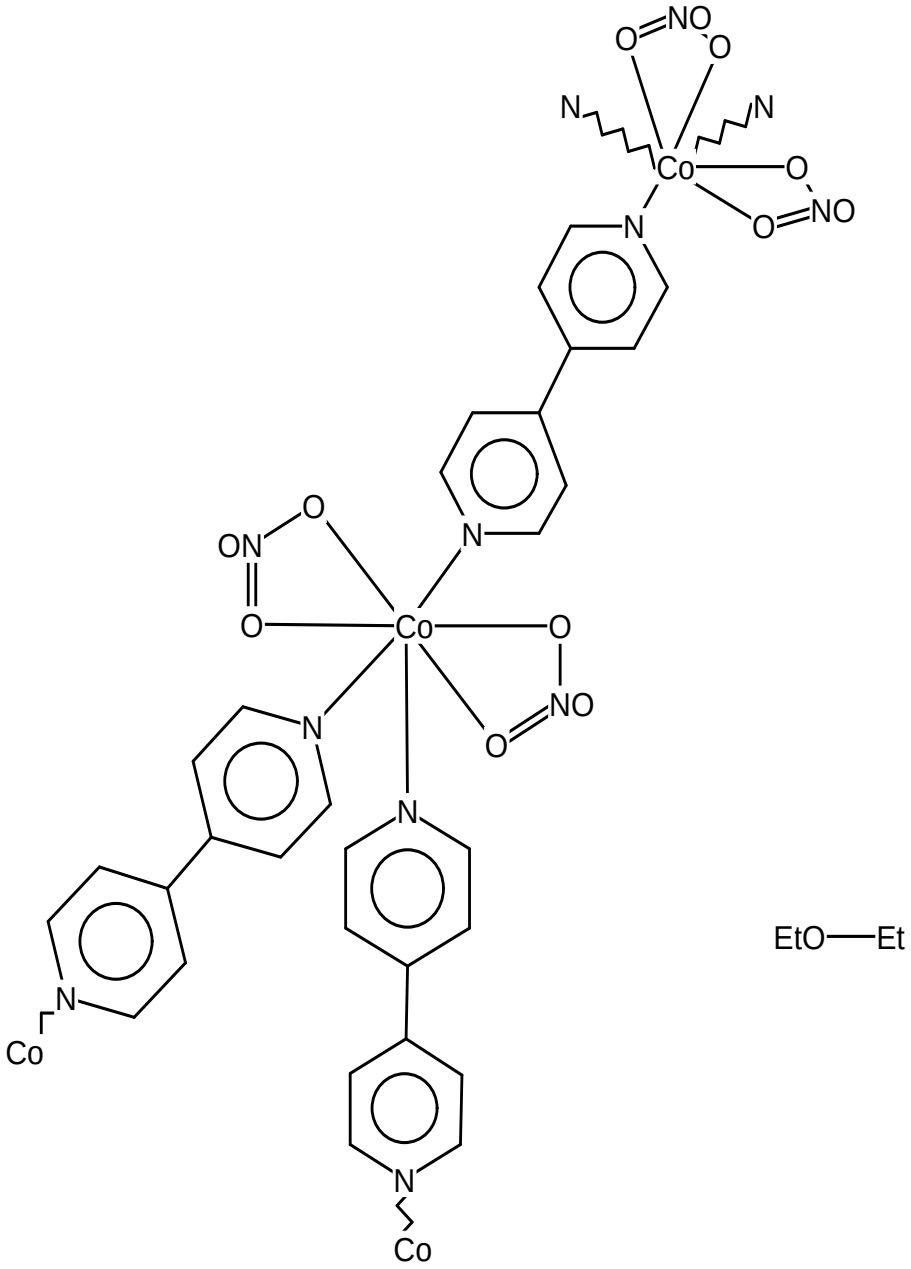
AXILAU

Reference: M.Felloni, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2002) *J.Supramol.Chem.* ,**2,**163

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,n(C_4\ H_{10}\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridyl)-tetrakis(nitrato)-di-cobalt(ii) diethyl ether solvate)

Space Group:	Fddd	***Cell:***	***a***	11.402(4)	***b***	20.534(8)	***c***	34.549(12)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.17	***Temperature(K):***	150		***Density(g/cm^3):***	1.492		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 111

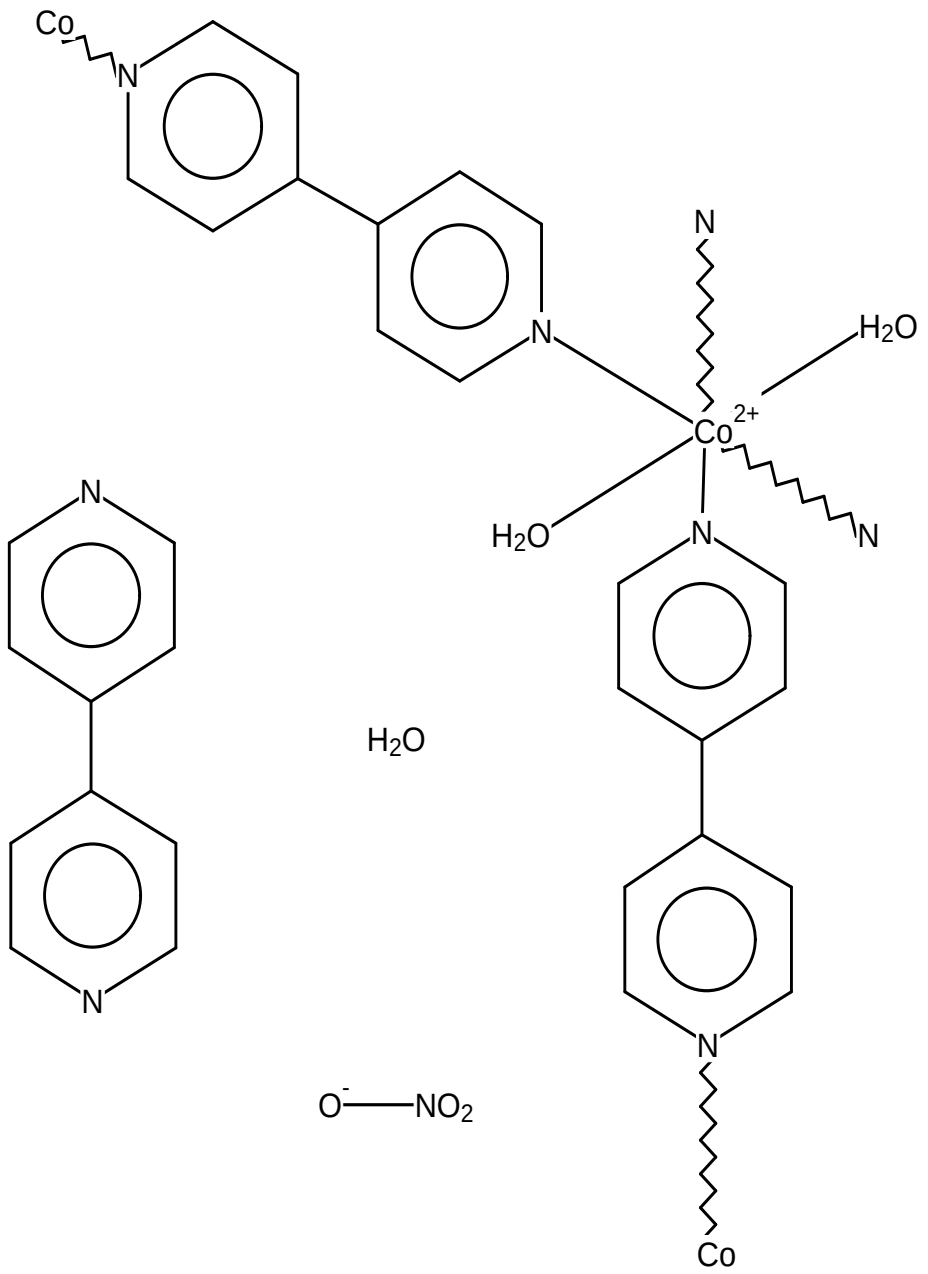
AXILEY

Reference: M.Felloni, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2002) *J.Supramol.Chem.* ,**2,**163

Formula: $(C_{20}\ H_{20}\ Co_1\ N_4\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl)-diaqua-cobalt(ii) dinitrate 4,4'-bipyridyl solvate dihydrate)

Space Group:	Pbcn	***Cell:***	***a*** 15.663(0)	***b*** 11.485(0)	***c*** 22.990(1)
Space Group No.:	60	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	3.09	***Temperature(K):***	150	***Density(g/cm^3):***	1.413



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 112

AXILIC

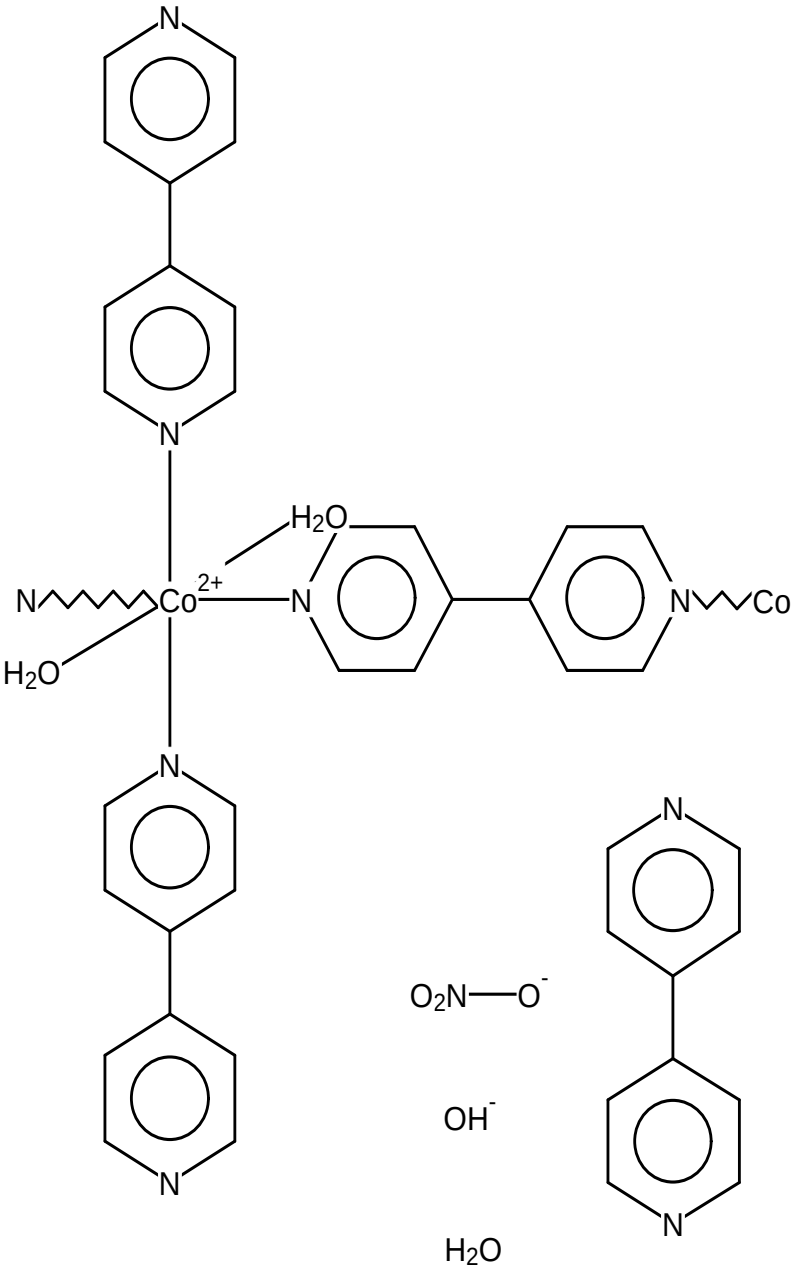
Reference: M.Felloni, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2002) *J.Supramol.Chem.* ,**2,**163

Formula: $(C_{30}\ H_{28}\ Co_1\ N_6\ O_2\ ^{2+})n,1.5n(N_1\ O_3\ ^{1-}),0.5n(H_1\ O_1\ ^{1-}),2n(C_{10}\ H_8\ N_2),2.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-diaqua-cobalt(ii) nitrate hydroxide 4,4'-bipyridine solvate hydrate)

Space Group:	C2	***Cell:***	***a***	17.682(3)	***b***	11.440(2)	***c***	24.480(4)
Space Group No.:	5	***(Å,°)***	α	90.00	β	93.42(0)	γ	90.00

R-Factor (%): 10.60 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.374



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 113

AXILOI

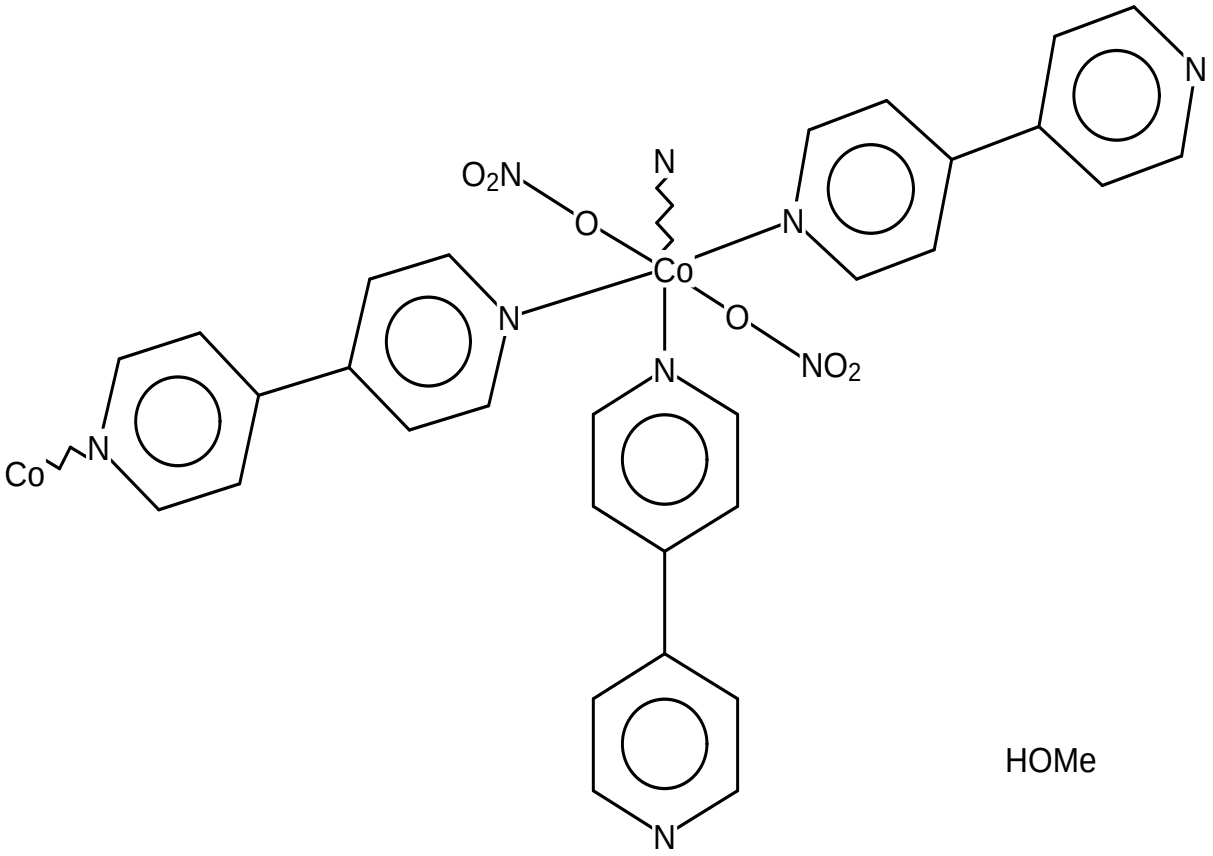
Reference: M.Felloni, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2002) *J.Supramol.Chem.* ,**2,**163

Formula: $(C_{30}\ H_{24}\ Co_1\ N_8\ O_6)n,2.5n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-dinitrato-cobalt(ii) methanol solvate)

Space Group:	P21/c	***Cell:***	***a***	12.200(0)	***b***	18.138(0)	***c*** 16.153(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.79(0)	γ 90.00

R-Factor (%): 6.51 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.369



HOMe

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 114

AXOHEA

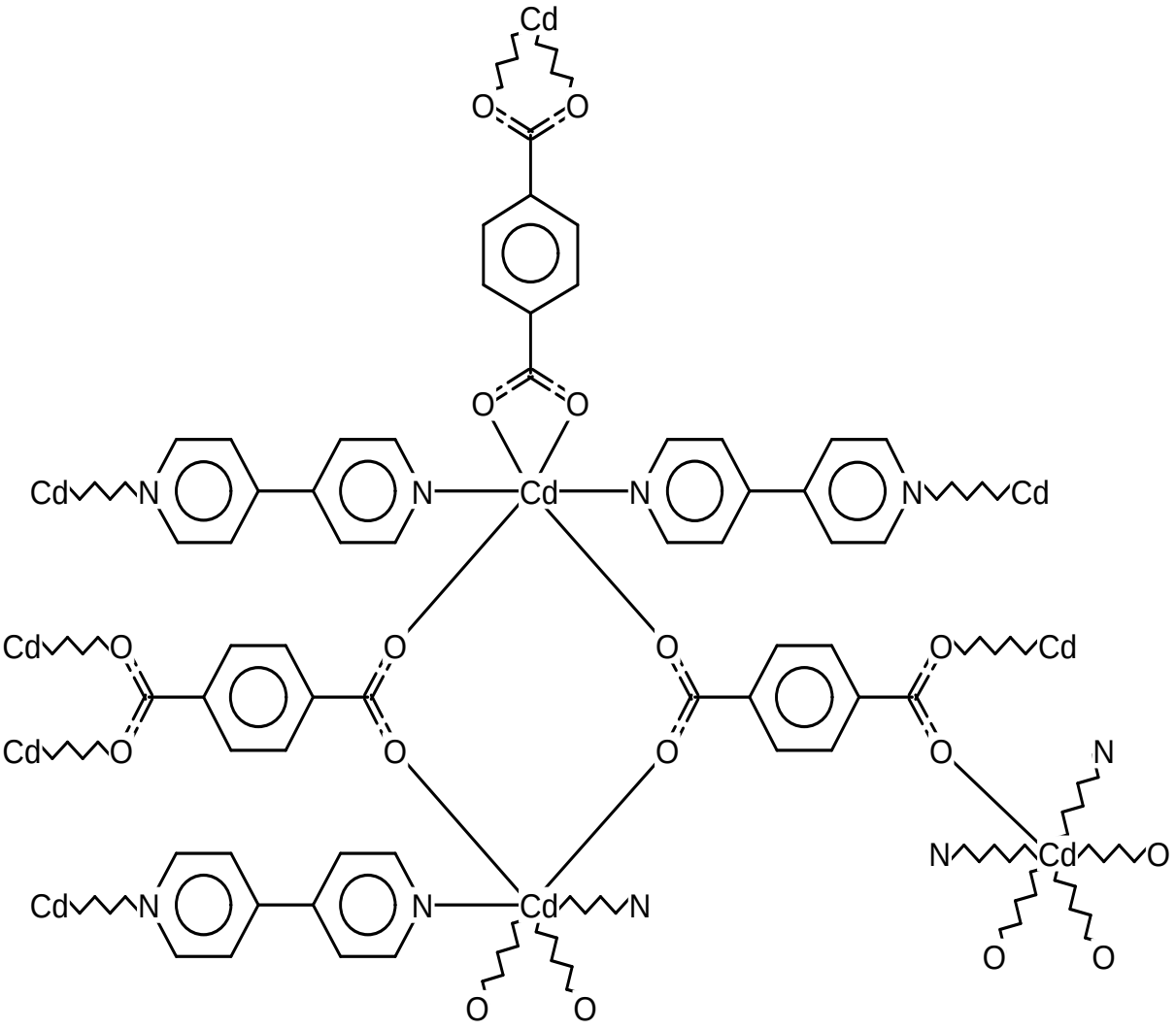
Reference: Jing-Cao Dai, Xin-Tao Wu, Sheng-Min Hu, Zhi-Yong Fu, Jian-Jun Zhang, Wen-Xin Du, Han-Hui Zhang, Rui-Qing Sun (2004) *Eur.J.Inorg.Chem. ,*2096

Formula: $(C_{54}\ H_{36}\ Cd_3\ N_6\ O_{12})n$

Compound Name: catena-(bis(μ_4-Terephthalato-O,O',O'',O''')-tris(μ_2-4,4'-bipyridine-N,N')-(μ_2-terephthalato-O,O',O'',O''')-tri-cadmium)

Space Group:	C2/m	***Cell:***	***a***	20.299(3)	***b***	10.720(1)	***c***	11.764(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β	110.94(0)	γ	90.00

R-Factor (%): 7.20 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.803



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 115

AXOHIE

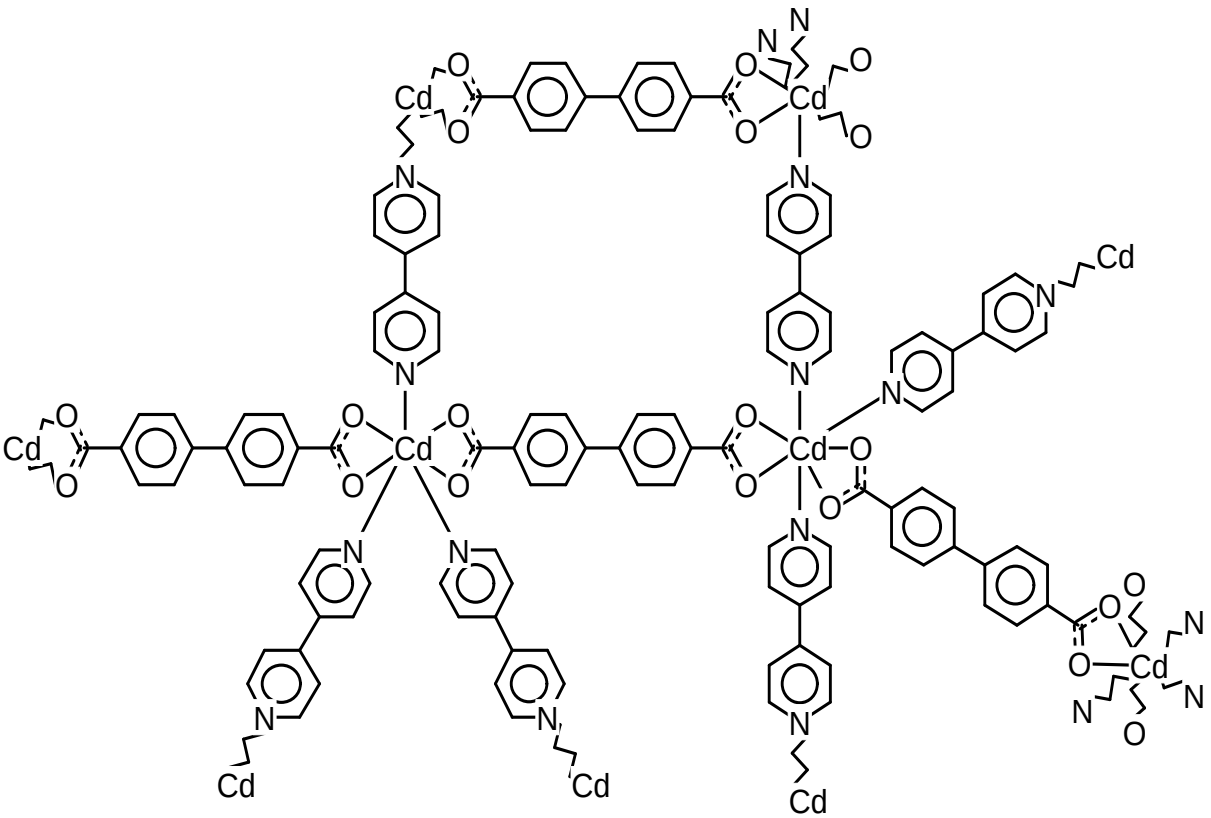
Reference: Jing-Cao Dai, Xin-Tao Wu, Sheng-Min Hu, Zhi-Yong Fu, Jian-Jun Zhang, Wen-Xin Du, Han-Hui Zhang, Rui-Qing Sun (2004) *Eur.J.Inorg.Chem. ,*2096

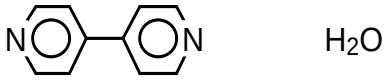
Formula: $(C_{116}\ H_{80}\ Cd_4\ N_{12}\ O_{16})n,0.5n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-terephthalato-O,O',O'',O''')-tetra-cadmium hemikis(4,4'-bipyridine) heptahydrate)

Space Group:	P21/c	***Cell:***	***a***	23.221	***b*** 11.810(0)	***c***	45.467(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.52(0)	γ	90.00

R-Factor (%): 7.25 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.404





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 116

AXUPAK

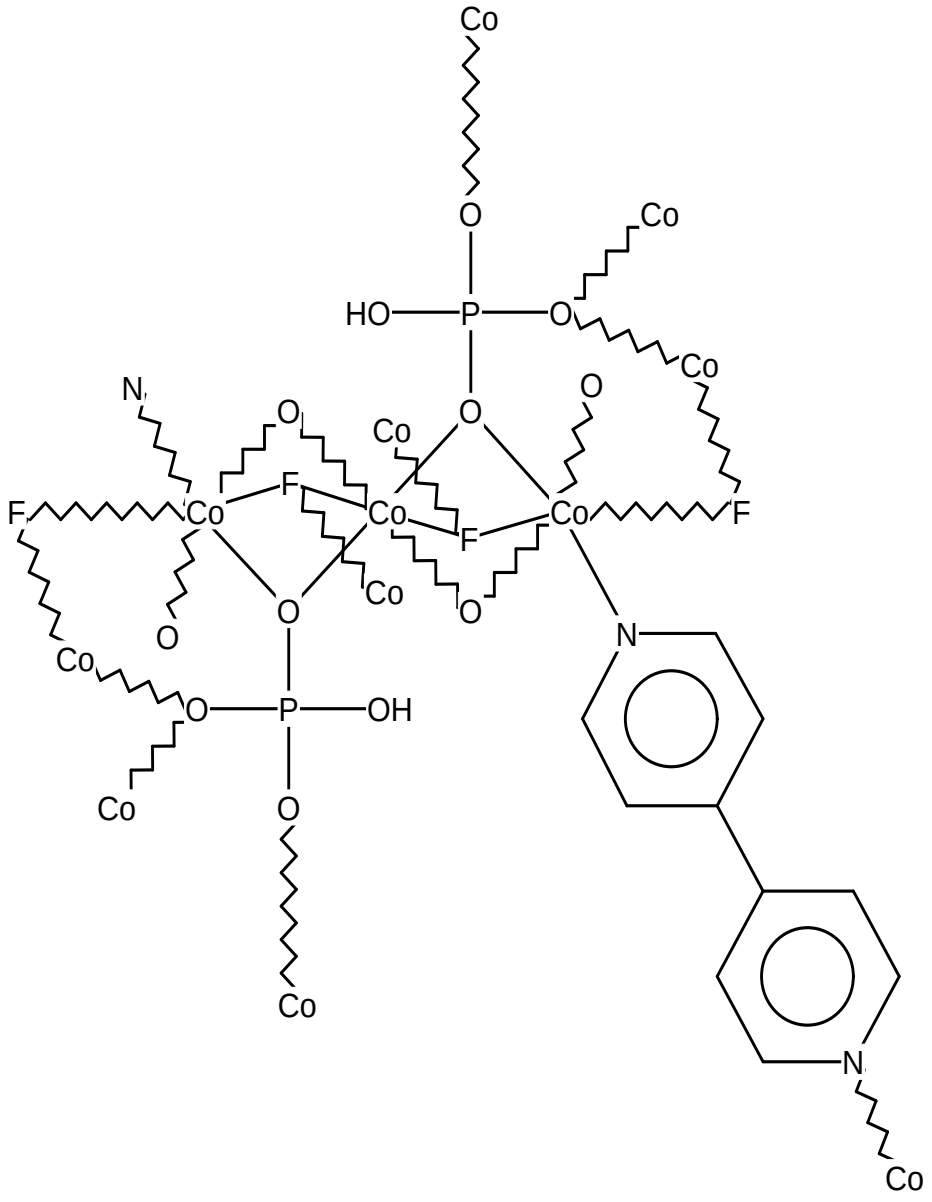
Reference: Wei-Kuo Chang, Ray-Kuang Chiang, Yau-Chen Jiang, Sue-Lein Wang, Shang-Fan Lee, Kwang-Hwa Lii (2004) *Inorg.Chem.* , **43,**2564

Formula: $(C_{10}\ H_{10}\ Co_3\ F_2\ N_2\ O_8\ P_2)n,0.35n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-Hydrogenphosphato)-bis(μ_3-fluoro)-(μ_2-4,4'-bipyridyl)-tri-cobalt hydrate)

Space Group:	C2/c	***Cell:***	***a***	29.940(2)	***b***	7.442(0)	***c*** 7.417(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.44(0)	γ 90.00

R-Factor (%): 3.83 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 2.292



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 117

AYACOS

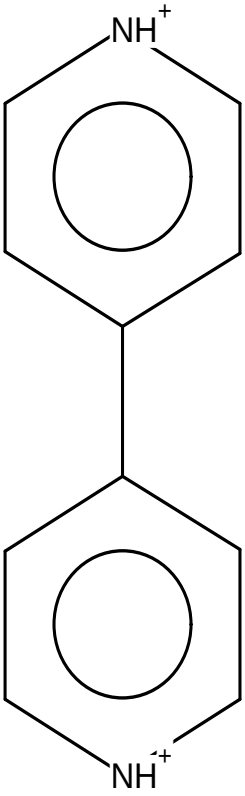
Reference: V.Madhu, S.K.Das (2004) *Polyhedron* ,**23,**1235

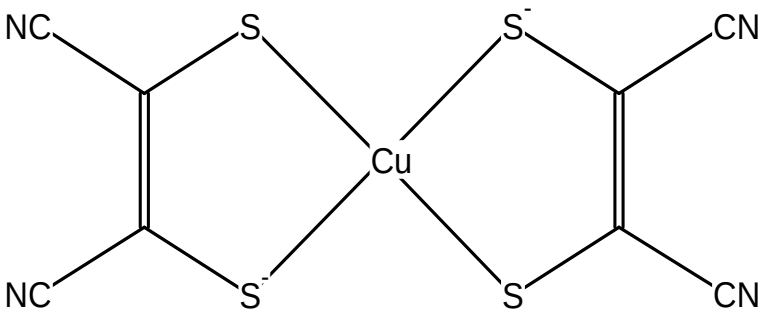
Formula: $C_{10}\,H_{10}\,N_2^{\,2+},C_8\,Cu_1\,N_4\,S_4^{\,2-}$

Compound Name: 4,4'-Bipyridinium bis(maleonitriledithiolato)-copper

Space Group:	Pca21	***Cell:***	***a***	12.757(4)	***b*** 7.487(8)	***c***	21.074(9)
Space Group No.:	29	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.657





Search: search1 (Thu May 26 10:05:42 2011): Hit 118

AYAFOV

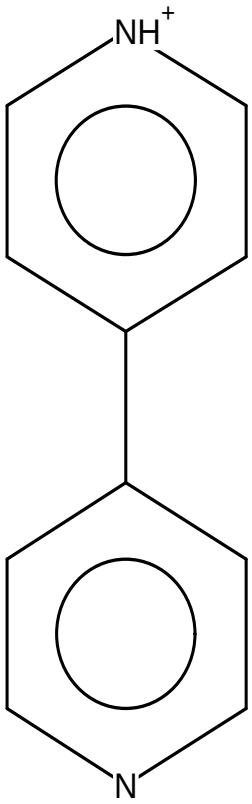
Reference: Chunlin Ma, Yinfeng Han, Dacheng Li (2004) *Polyhedron* , **23,**1207

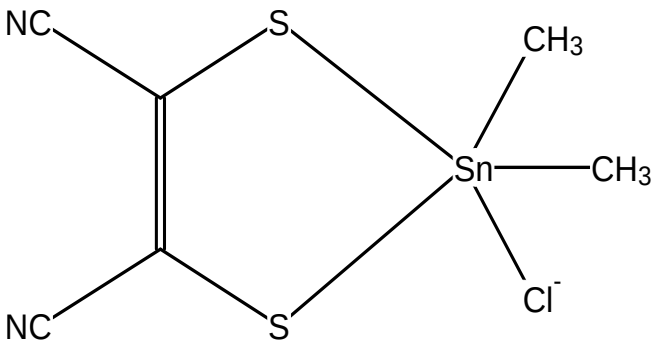
Formula: $C_{10}\,H_9\,N_2\,^{1+},C_6\,H_6\,Cl_1\,N_2\,S_2\,Sn_1\,^{1-}$

Compound Name: 4,4'-Bipyridinium chloro-(dicyanoethene-1,2-dithiolato)-dimethyl-tin(iv)

Space Group:	P21/n	***Cell:***	***a***	13.109(7)	***b***	10.367(6)	***c*** 14.494(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.94(0)	γ 90.00

R-Factor (%): 4.87 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.625





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 119

AYAFUB

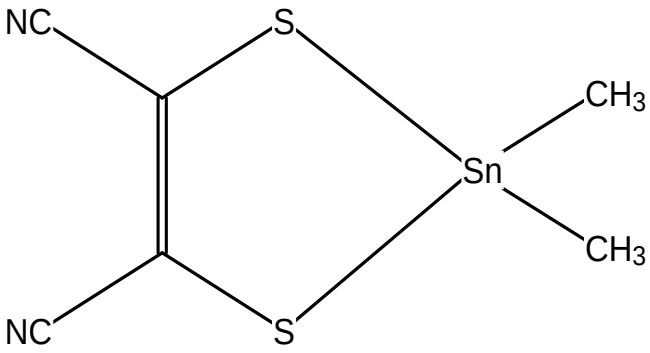
Reference: Chunlin Ma, Yinfeng Han, Dacheng Li (2004) *Polyhedron* , **23,**1207

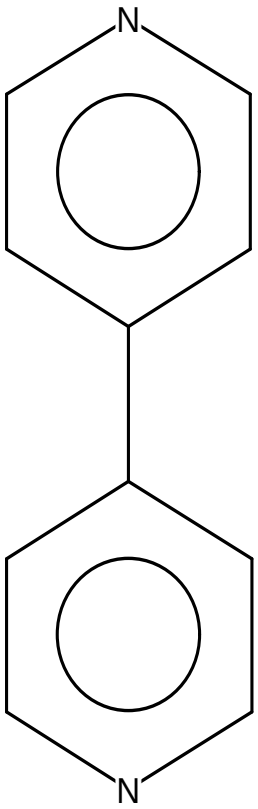
Formula: $C_6 H_6 N_2 S_2 Sn_1$,1.5($C_{10} H_8 N_2$)

Compound Name: (Dicyanoethene-1,2-dithiolate)-dimethyl-tin(iv) 4,4'-bipyridine solvate

Space Group:	P2/n	***Cell:***	***a***	18.692(15)	***b*** 12.706(10)	***c***	18.692(15)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.72(0)	γ	90.00

R-Factor (%): 6.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.599





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 120

AYALUH

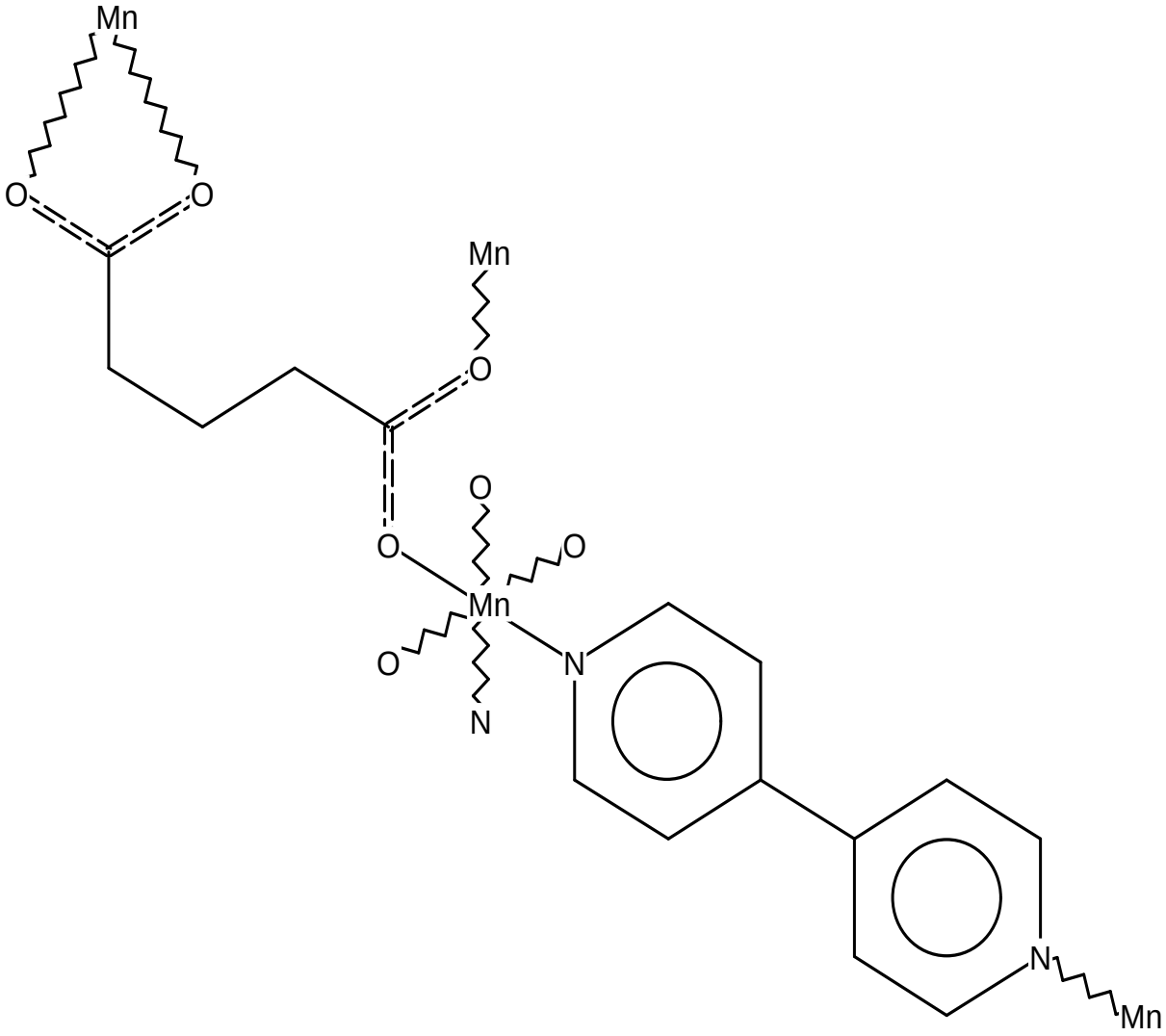
Reference: Y.-Q.Zheng, J.-L.Lin, Z.-P.Kong (2004) *Inorg.Chem.* ,**43,** 2590

Formula: $(C_{15}\ H_{14}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_3-Glutarato)-(μ_2-4,4'-bipyridyl)-manganese(ii)]

Space Group:	P-1	***Cell:***	***a***	8.145(1)	***b***	9.574(1)	***c*** 10.180(2)
Space Group No.:	2	***(Å,°)***	α	108.01(3)	β	93.55(3)	γ 105.30(3)

R-Factor (%): 3.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.576



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 121

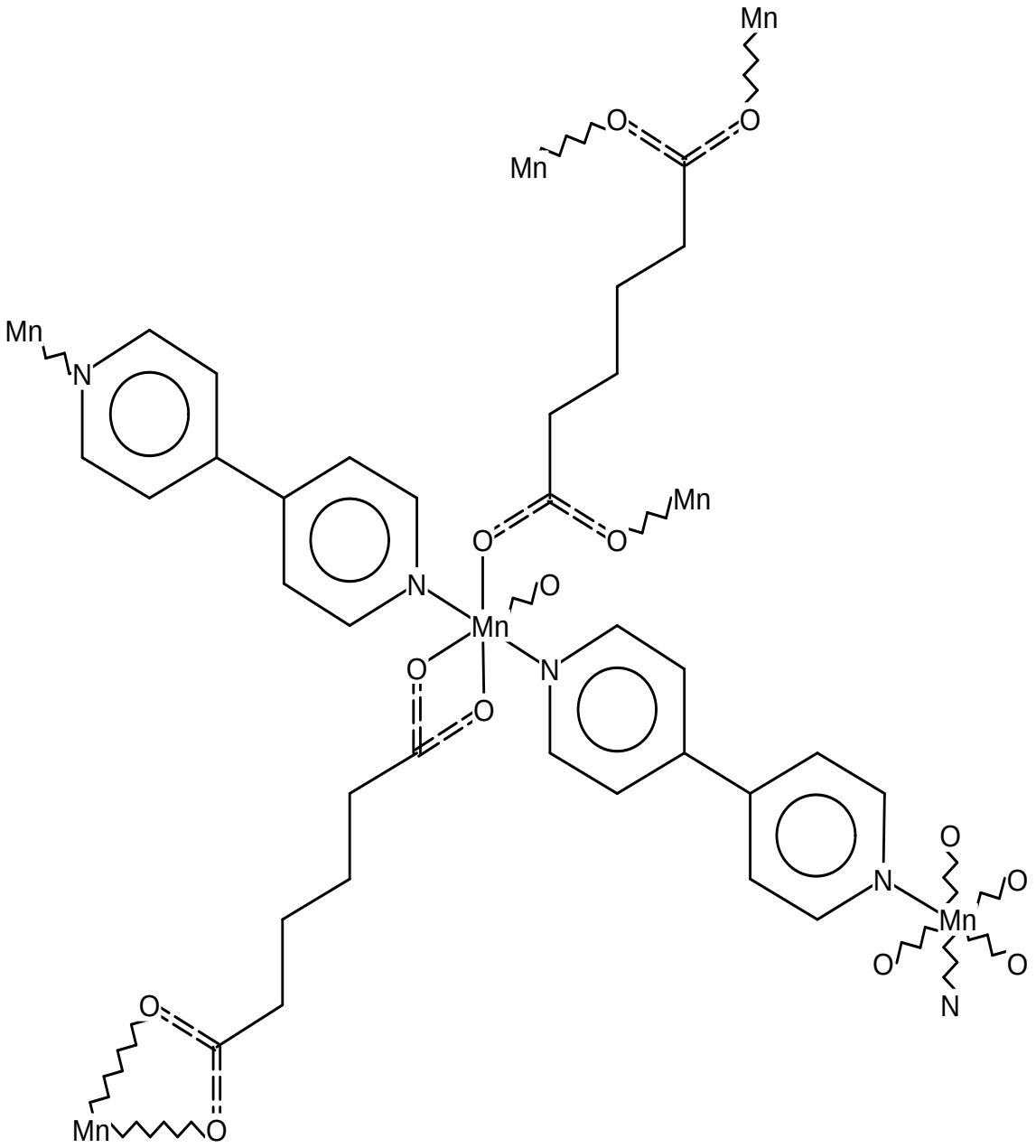
AYAMAO

Reference: Y.-Q.Zheng, J.-L.Lin, Z.-P.Kong (2004) *Inorg.Chem.* ,**43,** 2590

Formula: $(C_{32}\ H_{32}\ Mn_2\ N_4\ O_8)n$

Compound Name: catena-[(μ_4-Adipato)-(μ_2-adipato)-bis(μ_2-4,4'-bipyridyl)-di-manganese(ii)]

Space Group:	P-1	***Cell:***	***a***	8.544(1)	***b***	8.881(1)	***c*** 10.949(2)
Space Group No.:	2	***(Å,°)***	α	108.81(1)	β	95.40(1)	γ 101.94(1)
R-Factor (%):	5.12	***Temperature(K):***	293		***Density(g/cm^3):***		1.557



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 122

AYIQOO

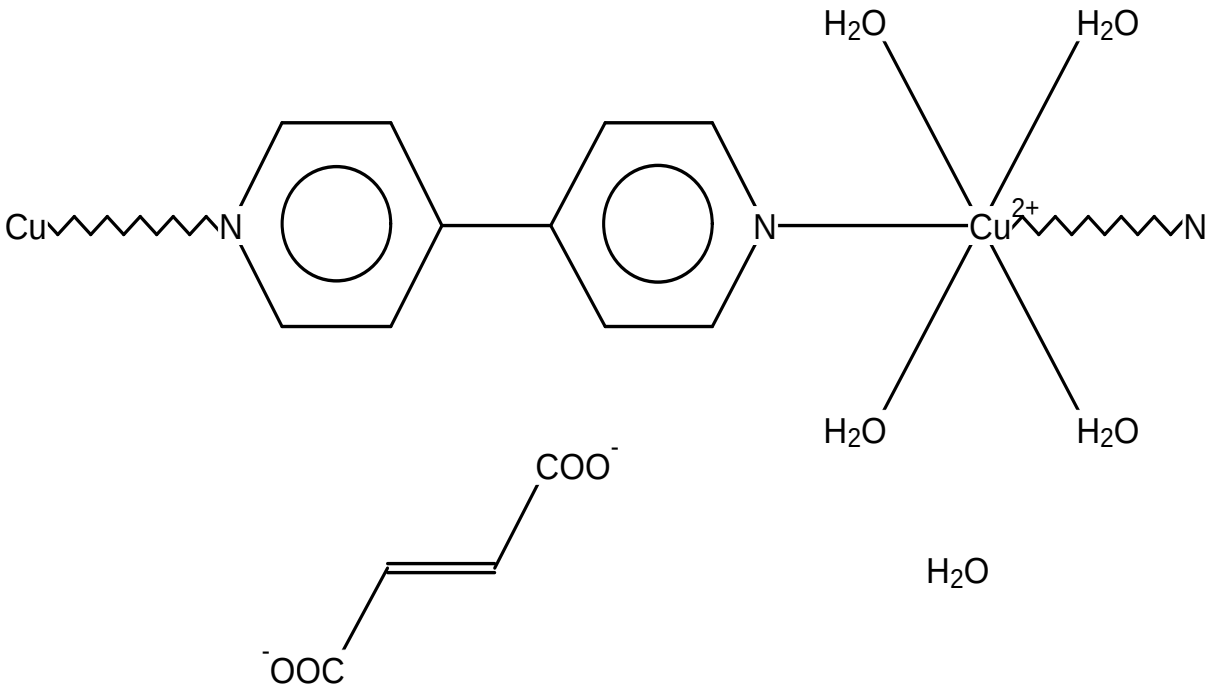
Reference: Er-Bo Ying, Yue-Qing Zheng, Qing-Qing Zhou (2004) *Z.Kristallogr.-New Cryst.Struct. ,***219,**65

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl-N,N')-tetraaqua-copper(ii) fumarate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	16.631(3)	***b*** 11.155(2)	***c***	13.096(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.08(3)	γ	90.00

R-Factor (%): 3.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.597



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 123

AYIQOO01

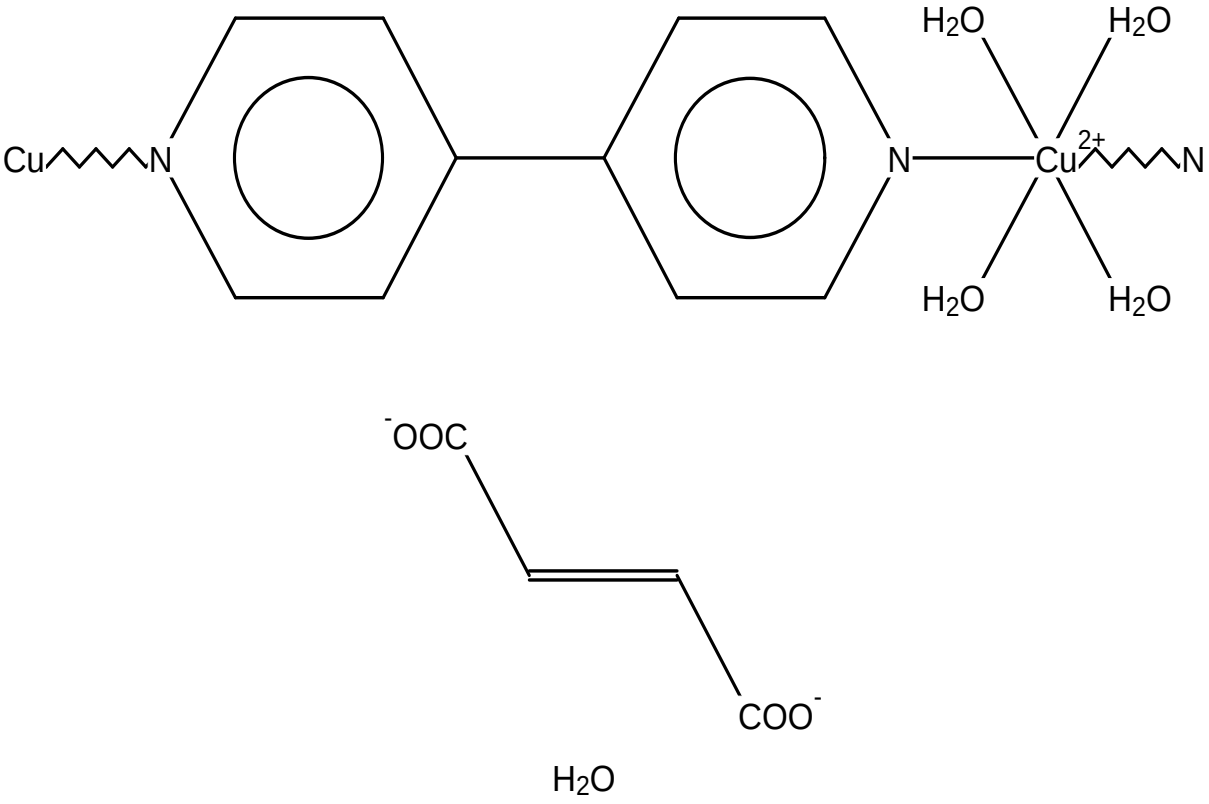
Reference: Yao Kang, Zhao-Ji Li, Ye-Yan Qin, Yu-Biao Chen, Jian Zhang, Rui-FengHu, Yi-Hang Wen, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**23,**862

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4-Bipyridine)-tetra-aqua-copper fumarate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	16.635(0)	***b*** 11.167(0)	***c***	13.137(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.14(0)	γ	90.00

R-Factor (%): 3.31 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.591



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 124

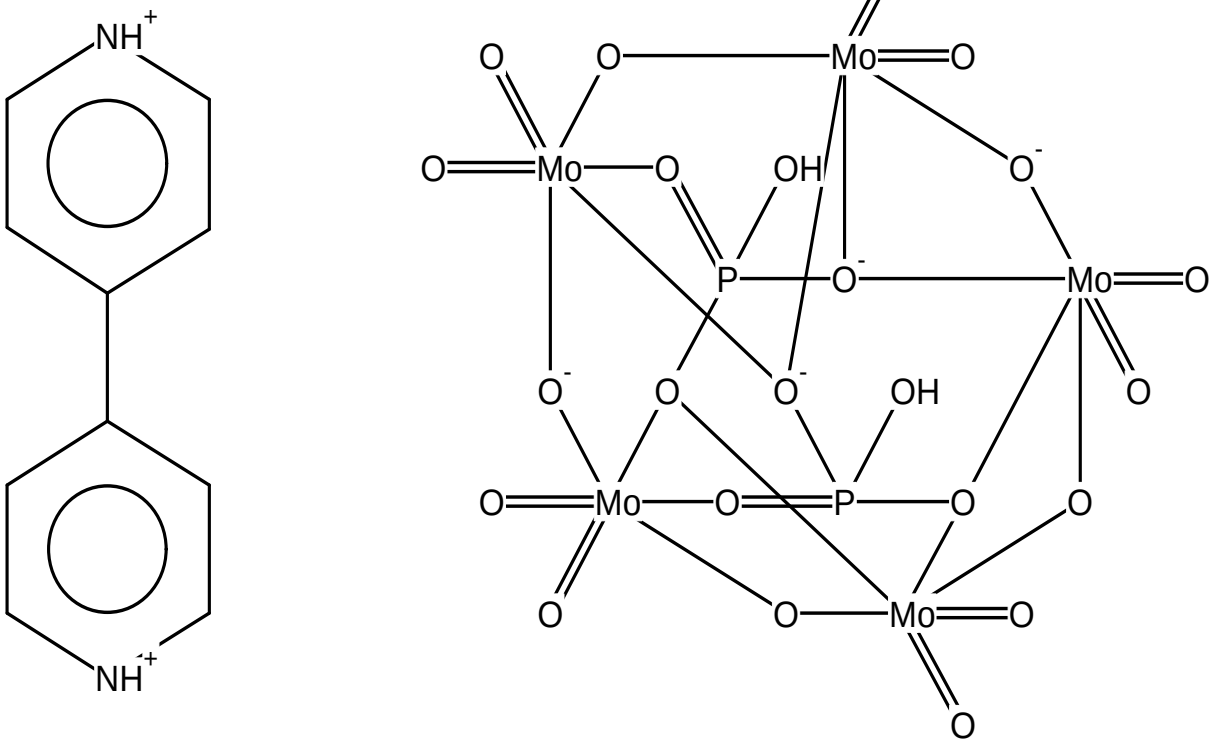
AYOKII

Reference: S.Natarajan, B.Ewald, Y.Prots, R.Kniep (2004)
Z.Anorg.Allg.Chem. ,**630,**678

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),H_2\ Mo_5\ O_{23}\ P_2\ ^{4-},2(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_5-hydrogen phosphato)-pentakis(μ_2-oxo)-decaoxo-penta-molybdenum dihydrate

Space Group:	P-1	***Cell:***	***a***	9.983(2)	***b***	11.269(2)	***c*** 17.604(4)
Space Group No.:	2	***(Å,°)***	α	73.50(3)	β	84.07(3)	γ 67.96(3)
R-Factor (%):	3.65	***Temperature(K):***	293	***Density(g/cm^3):***	2.385		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 125

AYOKII01

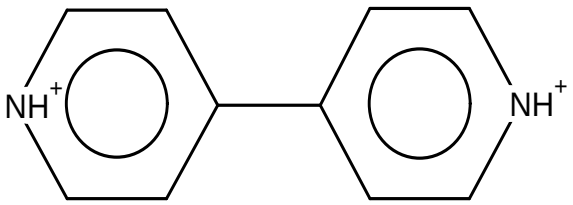
Reference: Wu-Hua Chen, Yong Xiang, Zhan-Feng Chen, Qiu-Mu Wu, Qing-Xin Zeng (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**63,**m2245

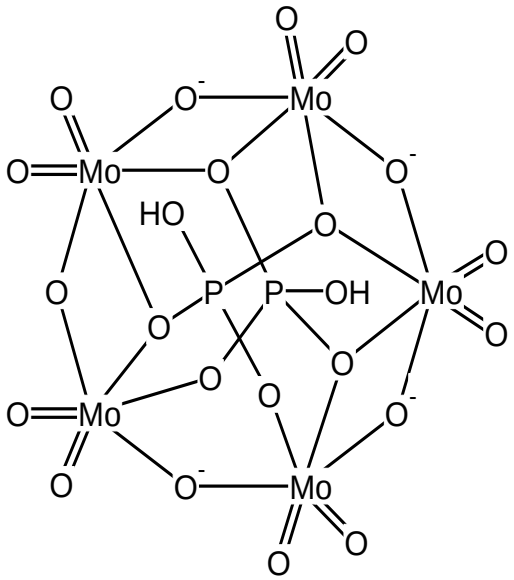
Formula: $2(C_{10}\,H_{10}\,N_2\,^{2+}),H_2\,Mo_5\,O_{23}\,P_2\,^{4-},2(H_2\,O_1)$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_5-hydrogen phosphate)-pentakis(μ_2-oxo)-decaoxopentamolybdate dihydrate

Space Group:	Pbca	***Cell:***	***a***	11.823(2)	***b***	18.307(4)	***c***	31.517(6)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.04 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 2.462





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 126

AYURAN

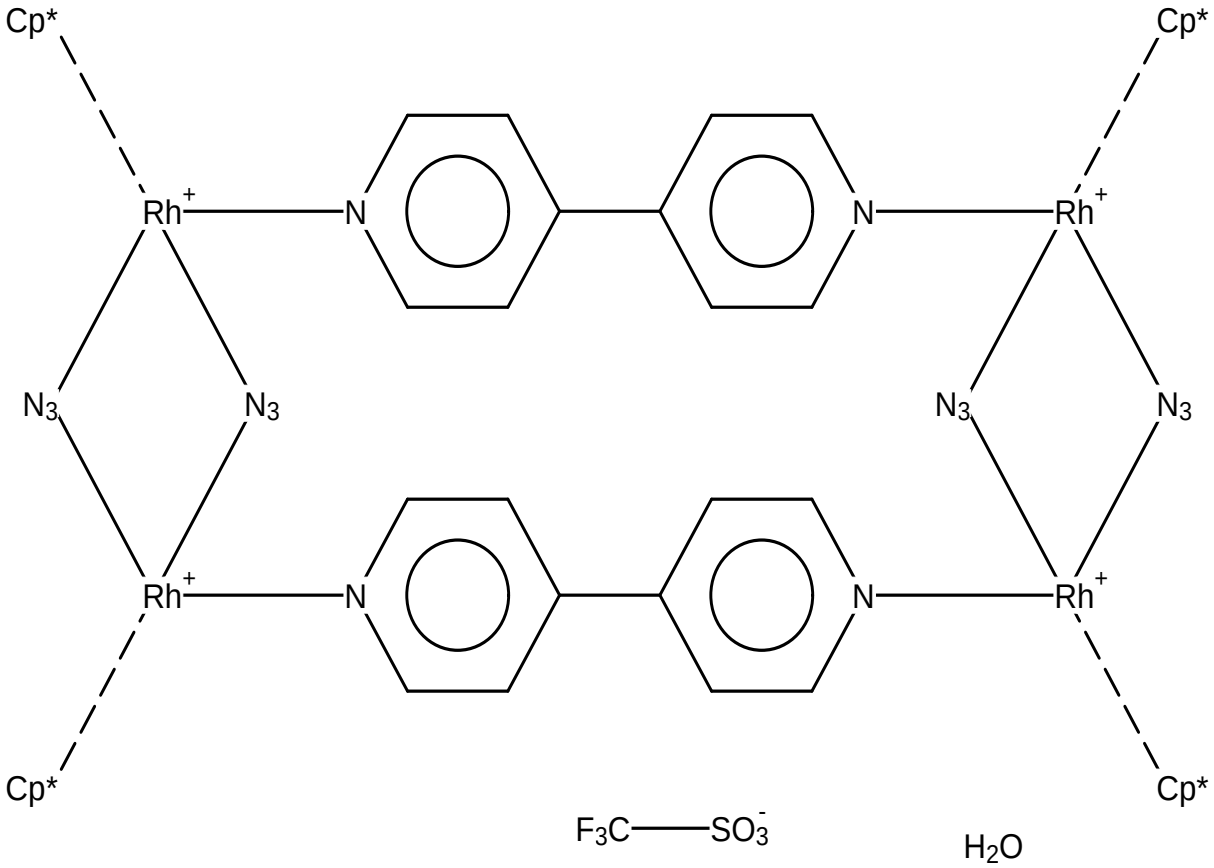
Reference: Won Seok Han, Soon W.Lee (2004) *Dalton Trans.* ,1656

Formula: $C_{60}\ H_{76}\ N_{16}\ Rh_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),$H_2\ O_1$

Compound Name: tetrakis(μ_2-Azido-N,N)-bis(μ_2-4,4'-bipyridyl-N,N')-tetrakis(η^5-pentamethylcyclopentadienyl)-tetra-rhodium(iii) tetrakis(trifluoromethanesulfonate) monohydrate

Space Group:	P-1	***Cell:***	***a*** 15.916(3)	***b*** 16.522(3)	***c*** 21.118(3)
Space Group No.:	2	***(Å,°)***	α 92.77(1)	β 110.93(1)	γ 118.45(1)

R-Factor (%): 5.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.547



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 127

AYURER

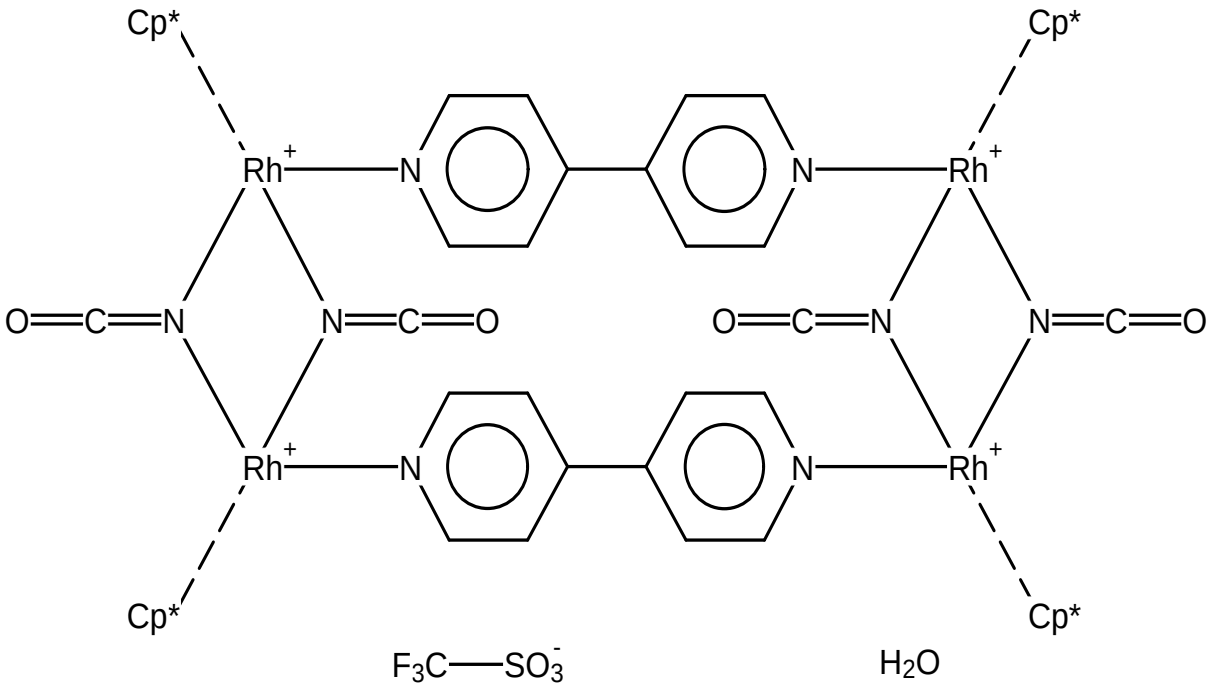
Reference: Won Seok Han, Soon W.Lee (2004) *Dalton Trans.* ,1656

Formula: $C_{64}\ H_{76}\ N_8\ O_4\ Rh_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($H_2\ O_1$)

Compound Name: tetrakis(μ_2-Isocyanato-N,N)-bis(μ_2-4,4'-bipyridyl-N,N')-tetrakis(η^5-pentamethylcyclopentadienyl)-tetra-rhodium(iii) tetrakis(trifluoromethanesulfonate) dihydrate

Space Group:	P-1	***Cell:***	***a***	15.922(2)	***b***	16.463(2)	***c*** 21.070(5)
Space Group No.:	2	***(Å,°)***	α	92.65(0)	β	111.14(0)	γ 118.38(0)

R-Factor (%): 7.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.570



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 128

AYUROB

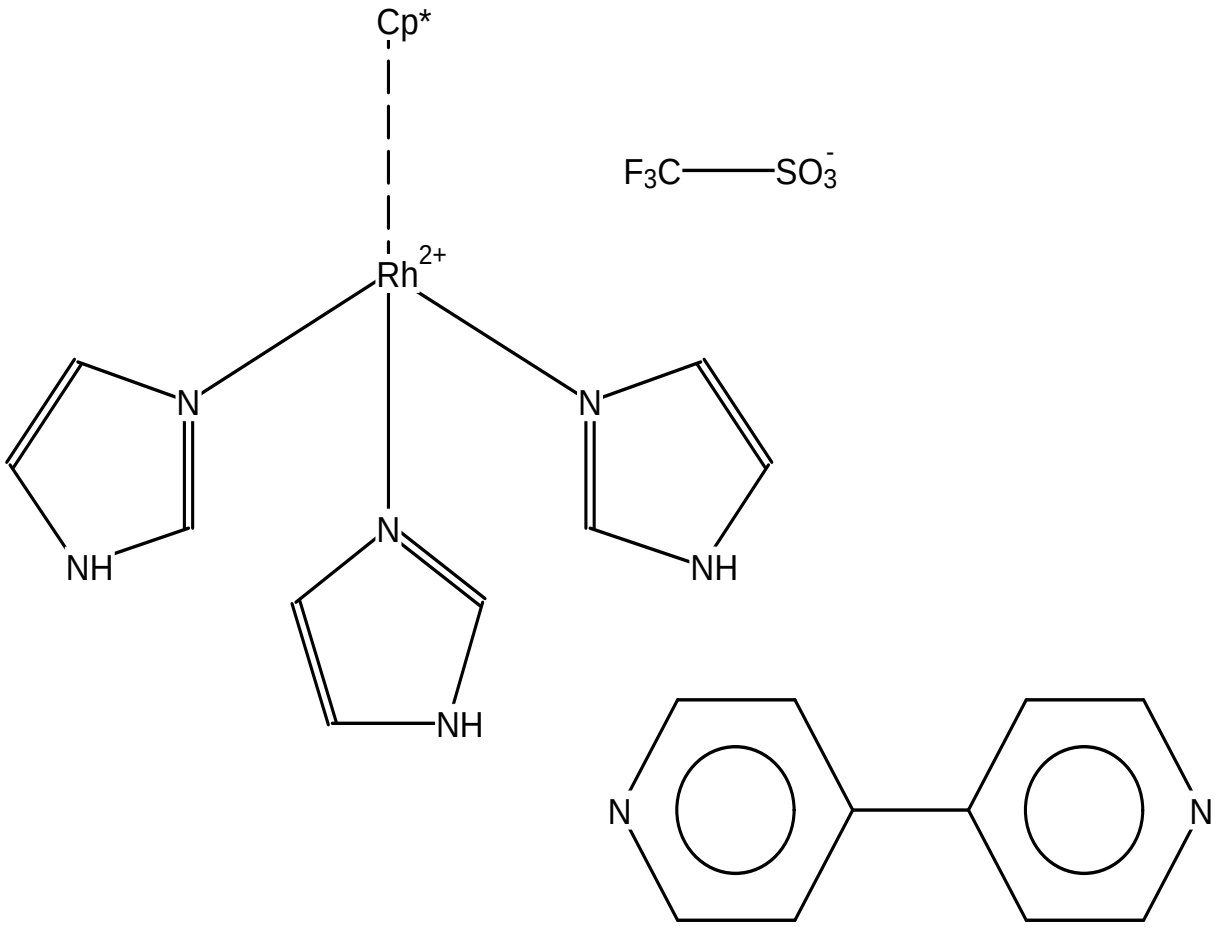
Reference: Won Seok Han, Soon W.Lee (2004) *Dalton Trans.* ,1656

Formula: $C_{19}\ H_{27}\ N_6\ Rh_1\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$),0.5($C_{10}\ H_8\ N_2$)

Compound Name: (η^5-Pentamethylcyclopentadienyl)-tris(imidazole-N)-rhodium(iii) bis(trifluoromethanesulfonate) hemikis(4,4'-bipyridyl)

Space Group:	P-1	***Cell:***	***a***	8.305(3)	***b*** 12.912(3)	***c***	16.754(5)
Space Group No.:	2	***(Å,°)***	α	101.11(1)	β 101.10(2)	γ	92.26(2)

R-Factor (%): 6.12 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.576



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 129

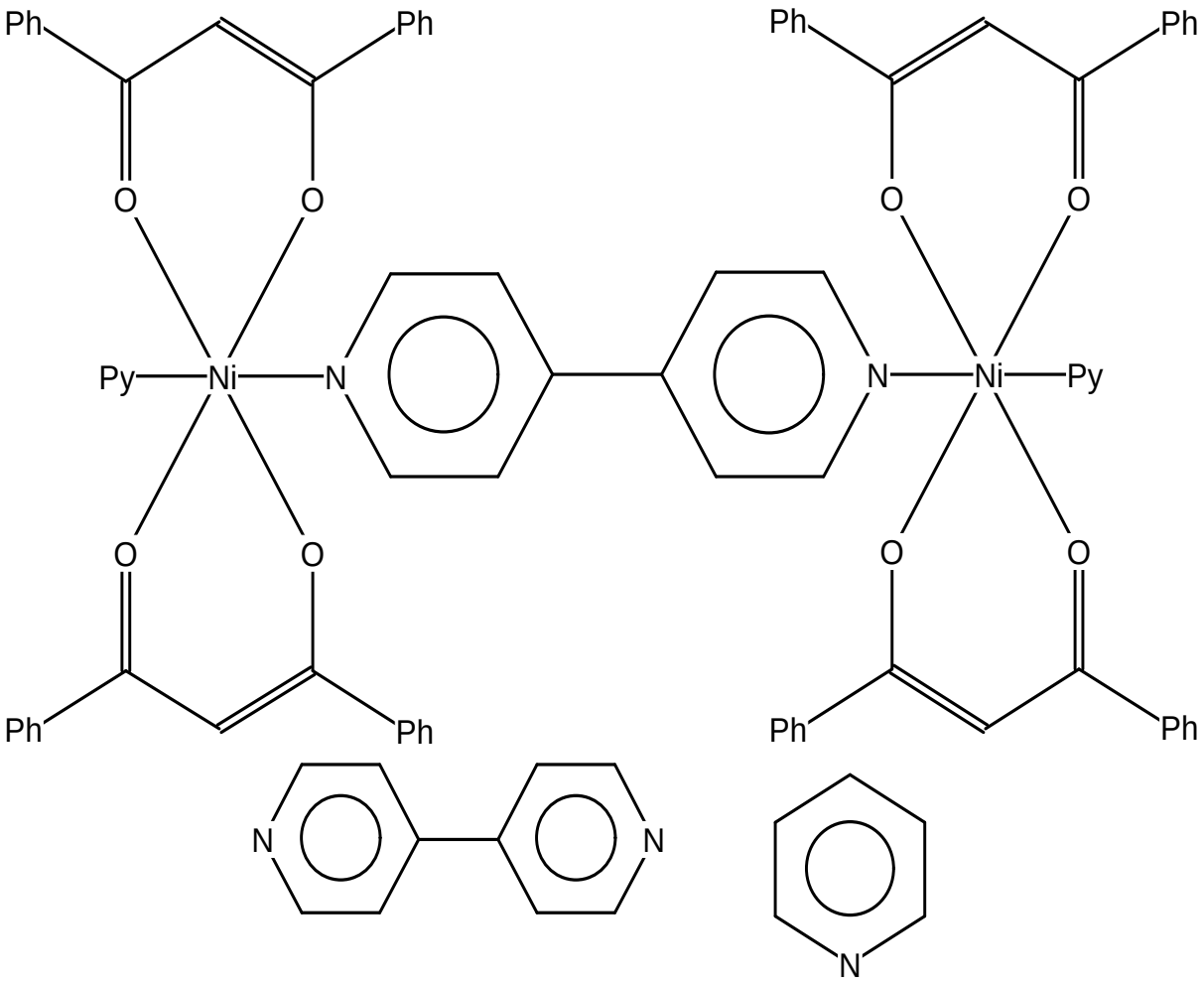
AZICER

Reference: D.V.Soldatov, J.A.Ripmeester (2004)
Mendeleev Commun. ,101

Formula: $C_{80}\ H_{62}\ N_4\ Ni_2\ O_8$,2($C_{10}\ H_8\ N_2$),2($C_5\ H_5\ N_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-tetrakis(1,3-diphenyl-1,3-propanedionato)-bis(pyridine)
-di-nickel(ii) bis(4,4'-bipyridine) bis(pyridine) clathrate

Space Group:	P-1	***Cell:***	***a***	10.731(3)	***b***	14.203(3)	***c*** 16.852(3)
Space Group No.:	2	***(Å,°)***	α	98.52(1)	β	107.10(1)	γ 109.43(1)
R-Factor (%):	5.79	***Temperature(K):***	173		***Density(g/cm^3):***		1.339



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 130

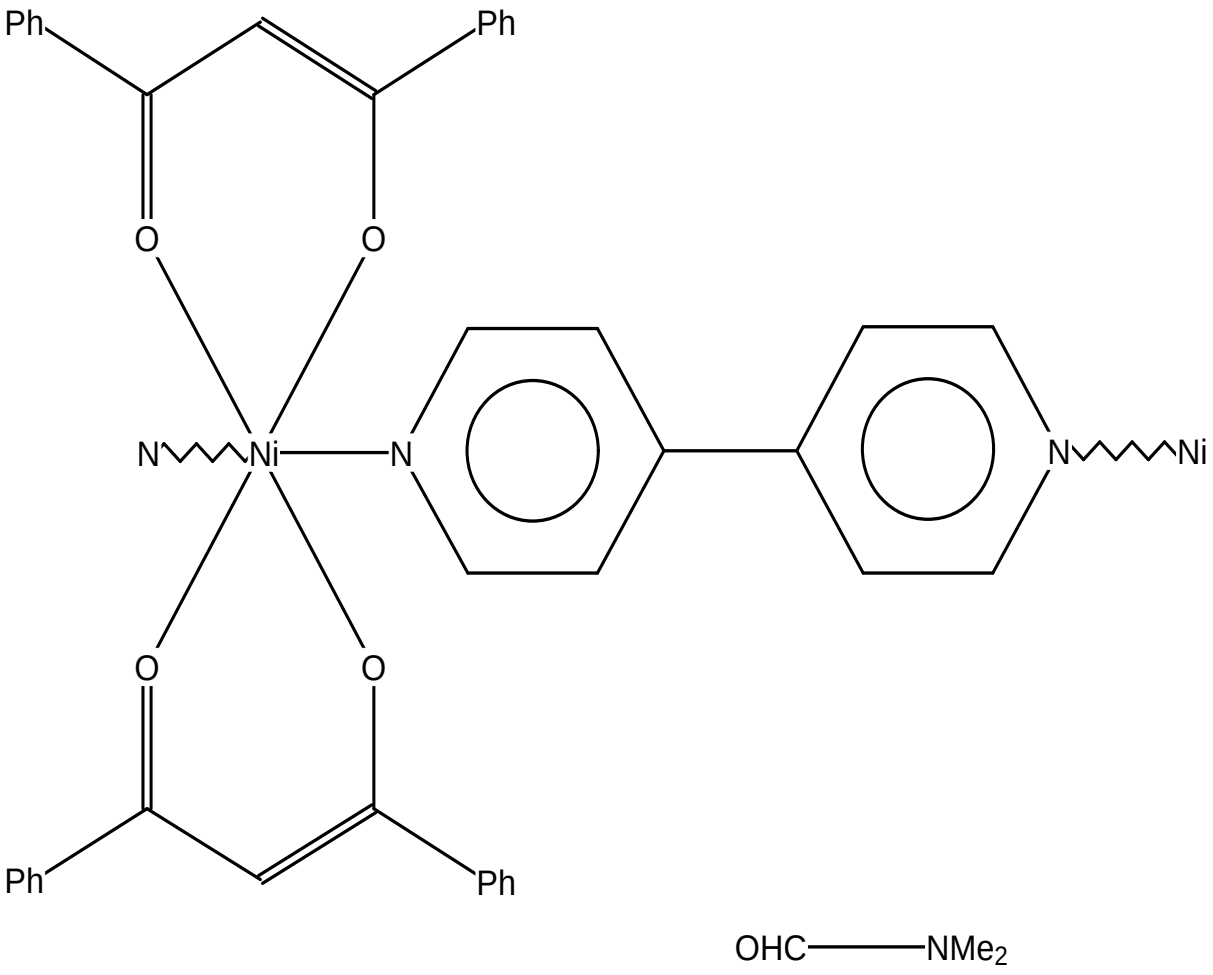
AZICIV

Reference: D.V.Soldatov, J.A.Ripmeester (2004)
Mendeleev Commun. ,101

Formula: $(C_{40}\ H_{30}\ N_2\ Ni_1\ O_4)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(1,3-diphenyl-1,3-propanedionato)-nickel(ii) bis(dimethylformamide) clathrate)

Space Group:	C2/c	***Cell:***	***a***	12.661(2)	***b*** 11.320(2)	***c***	27.735(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.91(1)	γ	90.00
R-Factor (%):	9.56	***Temperature(K):***	173		***Density(g/cm^3):***	1.374	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 131

AZIROQ

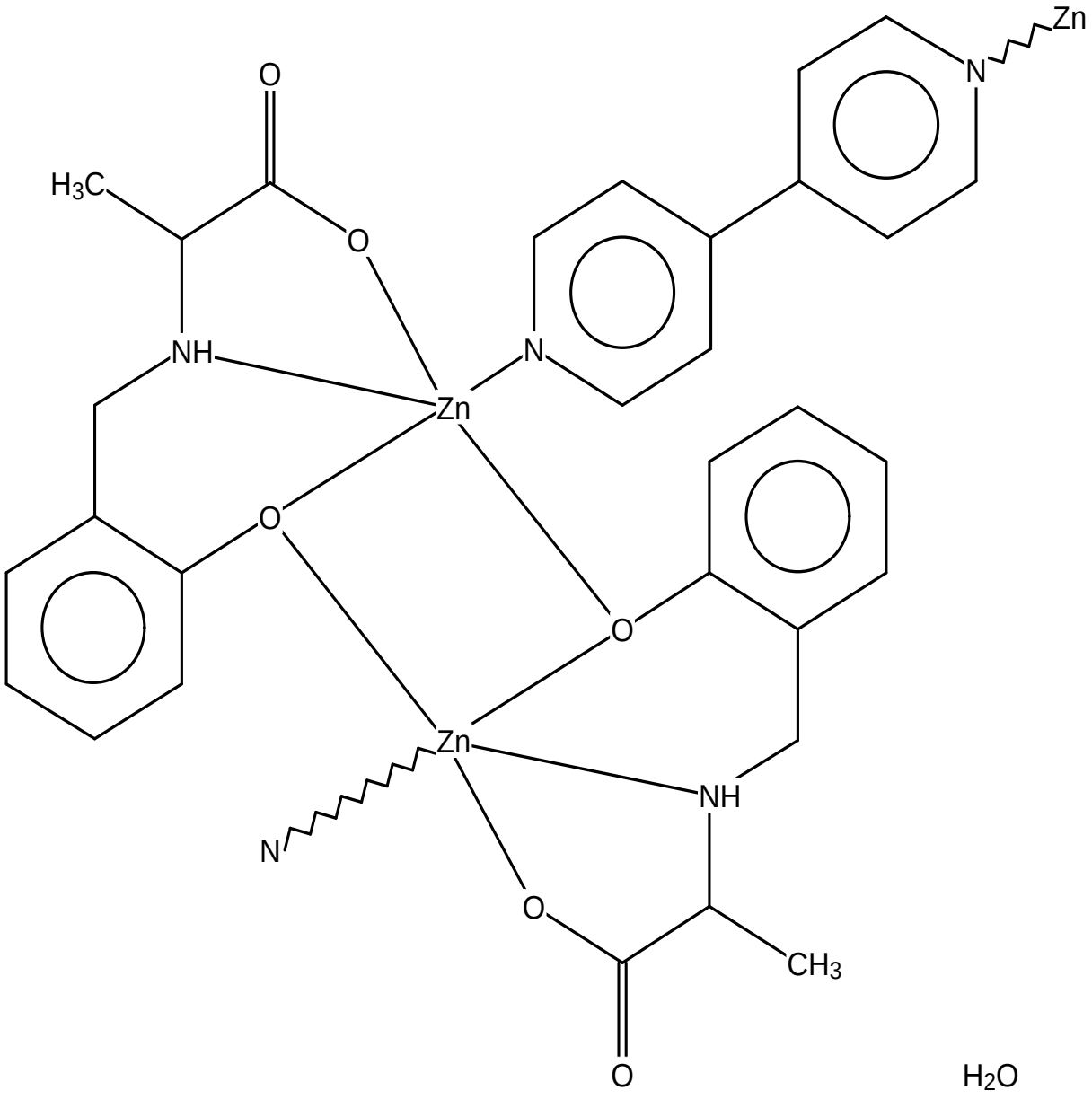
Reference: Ben-Yong Lou, Da-Qiang Yuan, Rui-Hu Wang, Ying Xu, Ben-Lai Wu, Lei Han, Mao-Chun Hong (2004) *J.Mol.Struct. ,***698,**87

Formula: $(C_{30}\ H_{30}\ N_4\ O_6\ Zn_2)n,0.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-D,L-N-(2-hydroxybenzyl)alaninato)-di-zinc(ii) hemihydrate)

Space Group:	P21/c	***Cell:***	***a***	9.526(1)	***b*** 15.626(2)	***c***	10.075(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.00(0)	γ	90.00

R-Factor (%): 7.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.551



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 132

AZOHEC

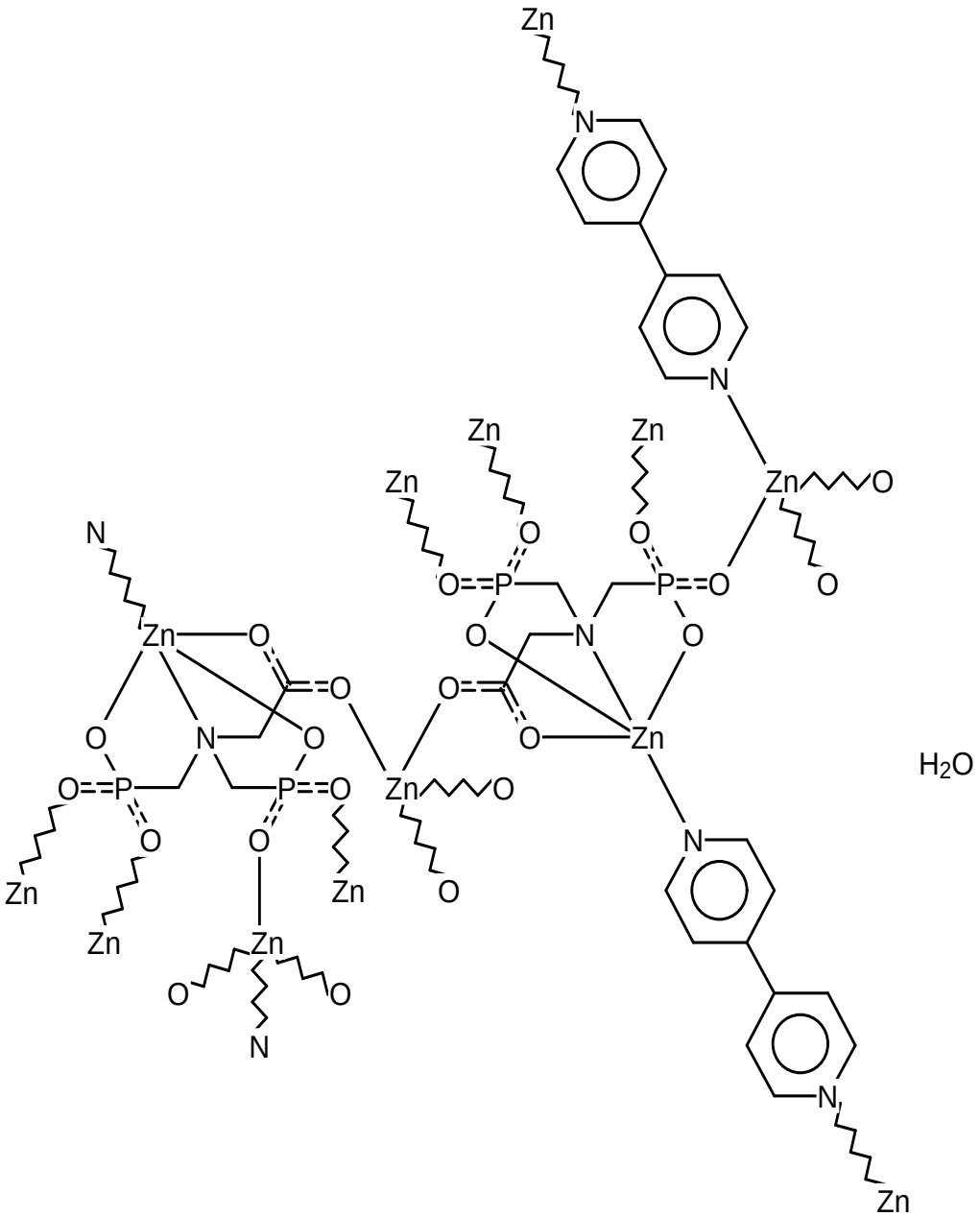
Reference: Jun-Ling Song, Han-Hua Zhao, Jiang-Gao Mao, K.R.Dunbar (2004) *Chem.Mater. ,***16,**1884

Formula: $(C_{28}\ H_{28}\ N_6\ O_{16}\ P_4\ Zn_5)n,9n(H_2\ O_1)$

Compound Name: catena-(bis(μ_6-N,N-bis(Phosphonomethyl)glycinato)-bis(μ_2-4,4'-bipyridyl)-penta-zinc(ii) nonahydrate)

Space Group:	P2/c	***Cell:***	***a***	14.364(0)	***b*** 12.003(0)	***c***	16.997(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 113.38(0)	γ	90.00

R-Factor (%): 5.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.627


Zn
N
Zn
O
O=P
P=O
O
N
O
Zn
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 133

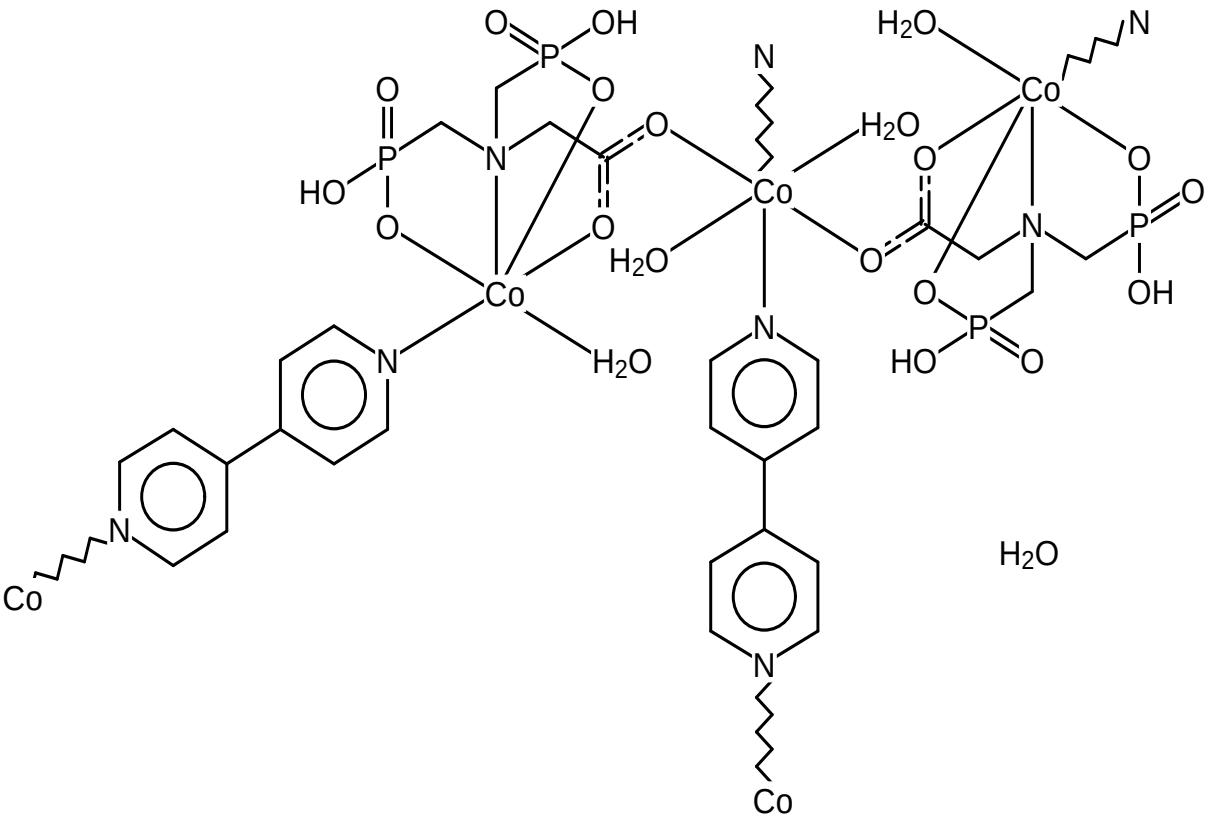
AZOHIG

Reference: Jun-Ling Song, Han-Hua Zhao, Jiang-Gao Mao, K.R.Dunbar (2004) *Chem.Mater. ,***16,**1884

Formula: $(C_{28}\ H_{40}\ Co_3\ N_6\ O_{20}\ P_4)n,11n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-N,N-bis(phosphonomethyl) glycinato)-tetraaqua-tri-cobalt(ii) undecahydrate)

Space Group:	P2/c	***Cell:***	***a***	14.865(1)	***b***	7.569(0)	***c*** 22.796(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	106.83(0)	γ 90.00
R-Factor (%):	6.25	***Temperature(K):***	293		***Density(g/cm^3):***		1.731



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 134

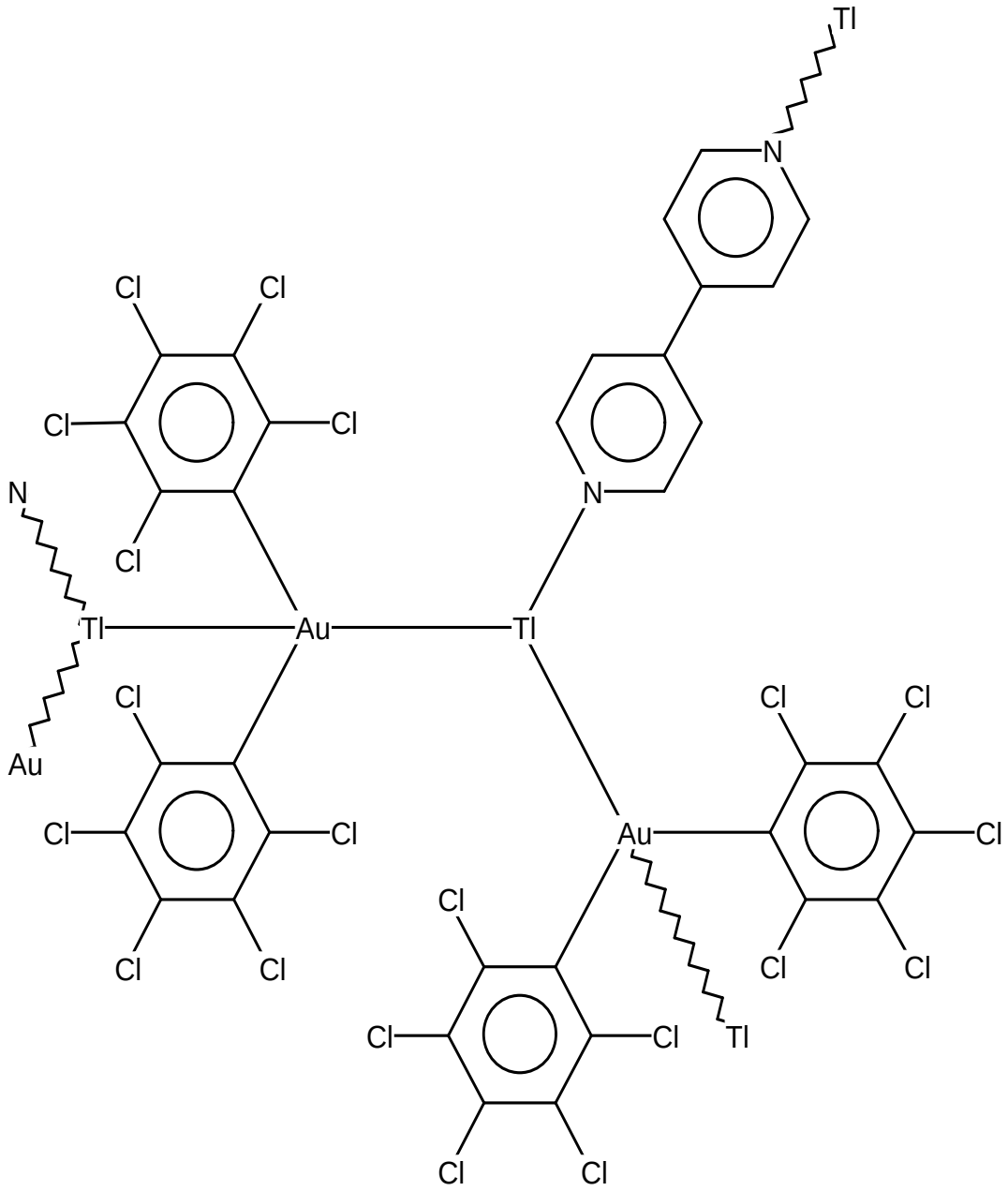
AZUDUU

Reference: E.J.Fernandez, A.Laguna, J.M.Lopez-de-Luzuriaga, M.E.Olmos, J.Perez (2004) *Dalton Trans.* ,1801

Formula: $(C_{34}\ H_8\ Au_2\ Cl_{20}\ N_2\ Tl_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetrakis(pentachlorophenyl)-di-gold-di-thallium)

Space Group:	P-1	***Cell:***	***a***	8.830(0)	***b***	11.959(0)	***c***	12.482(0)
Space Group No.:	2	***(Å,°)***	α	68.56(0)	β	79.32(0)	γ	71.14(0)
R-Factor (%):	5.47	***Temperature(K):***	173		***Density(g/cm^3):***		2.806	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 135

AZUFAC

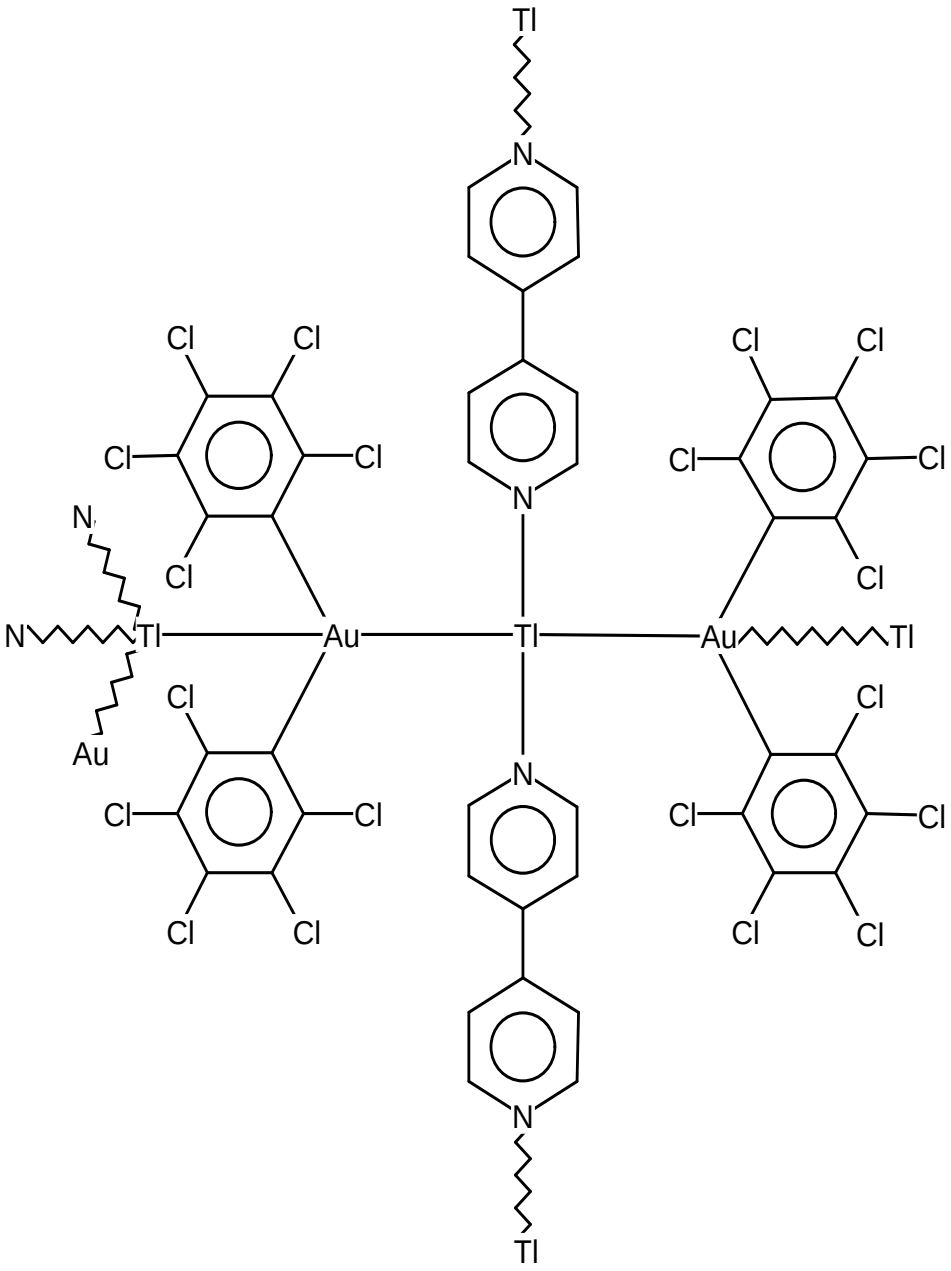
Reference: E.J.Fernandez, A.Laguna, J.M.Lopez-de-Luzuriaga, M.E.Olmos, J.Perez (2004) *Dalton Trans.* ,1801

Formula: $(C_{44}\ H_{16}\ Au_2\ Cl_{20}\ N_4\ Tl_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(pentachlorophenyl)-di-gold-di-thallium)

Space Group:	P21/c	***Cell:***	***a***	11.815(0)	***b*** 22.210(0)	***c***	11.845(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.10(0)	γ	90.00

R-Factor (%): 4.01 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.349



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 136

AZUFEG

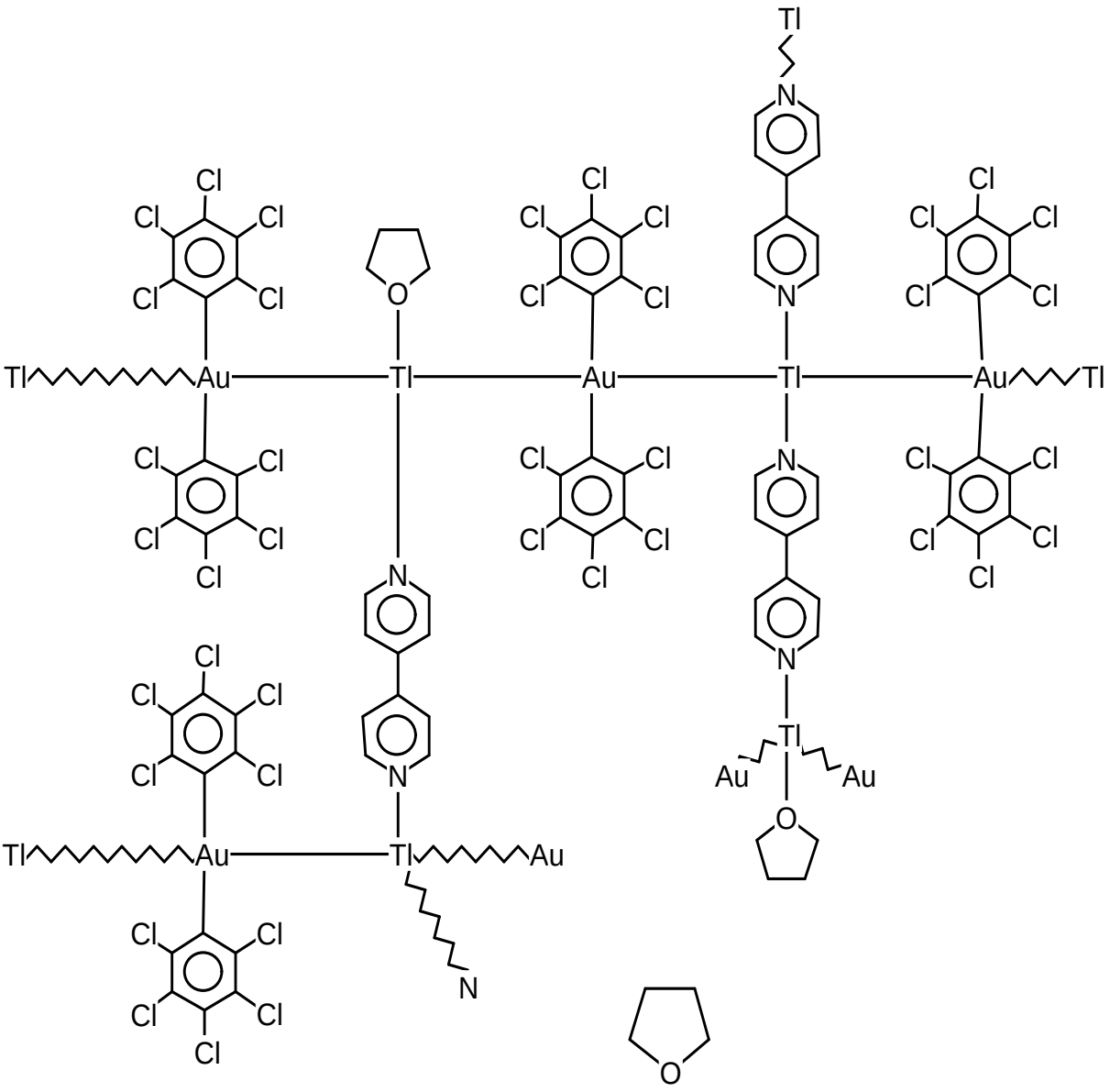
Reference: E.J.Fernandez, A.Laguna, J.M.Lopez-de-Luzuriaga, M.E.Olmos, J.Perez (2004) *Dalton Trans.* ,1801

Formula: $(C_{86}\ H_{40}\ Au_4\ Cl_{40}\ N_6\ O_2\ Tl_4)n,2n(C_4\ H_8\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N')-octakis(pentachlorophenyl)-bis(tetrahydrofuran)-tetra-gold-tetra-thallium tetrahydrofuran solvate)

Space Group:	P21/c	***Cell:***	***a***	11.878(0)	***b*** 36.537(0)	***c***	15.691(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.12(0)	γ	90.00

R-Factor (%): 4.94 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.212



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 137

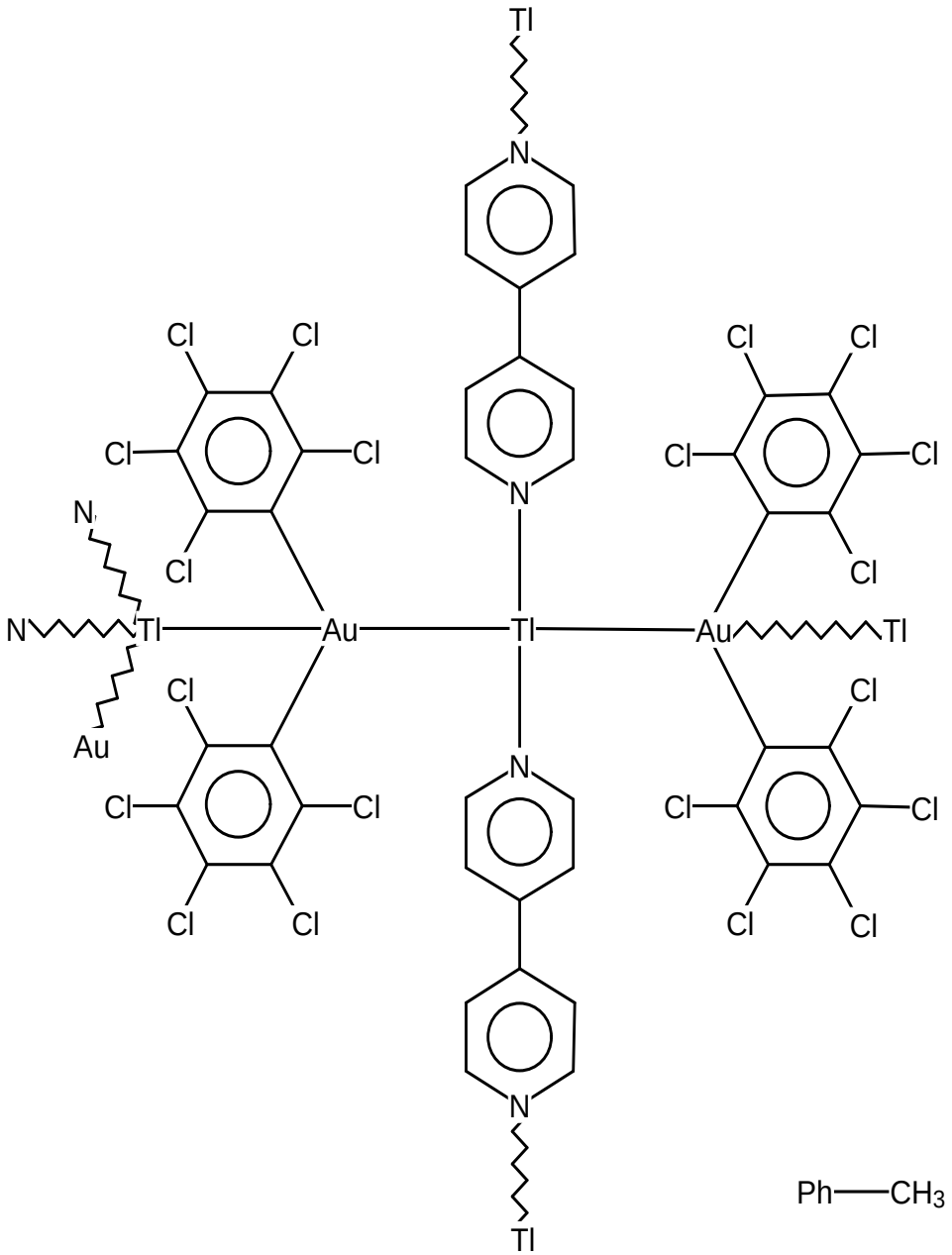
AZUFIK

Reference: E.J.Fernandez, A.Laguna, J.M.Lopez-de-Luzuriaga, M.E.Olmos, J.Perez (2004) *Dalton Trans.* ,1801

Formula: $(C_{44}\ H_{16}\ Au_2\ Cl_{20}\ N_4\ Tl_2)n,n(C_7\ H_8)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(pentachlorophenyl)-di-gold-di-thallium toluene solvate)

Space Group:	P-1	***Cell:***	***a*** 11.932(0)	***b*** 12.635(0)	***c*** 13.207(0)
Space Group No.:	2	***(Å,°)***	α 110.30(0)	β 97.89(0)	γ 107.93(0)
R-Factor (%):	3.73	***Temperature(K):***	173	***Density(g/cm^3):***	2.142



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 138

BAJWIT

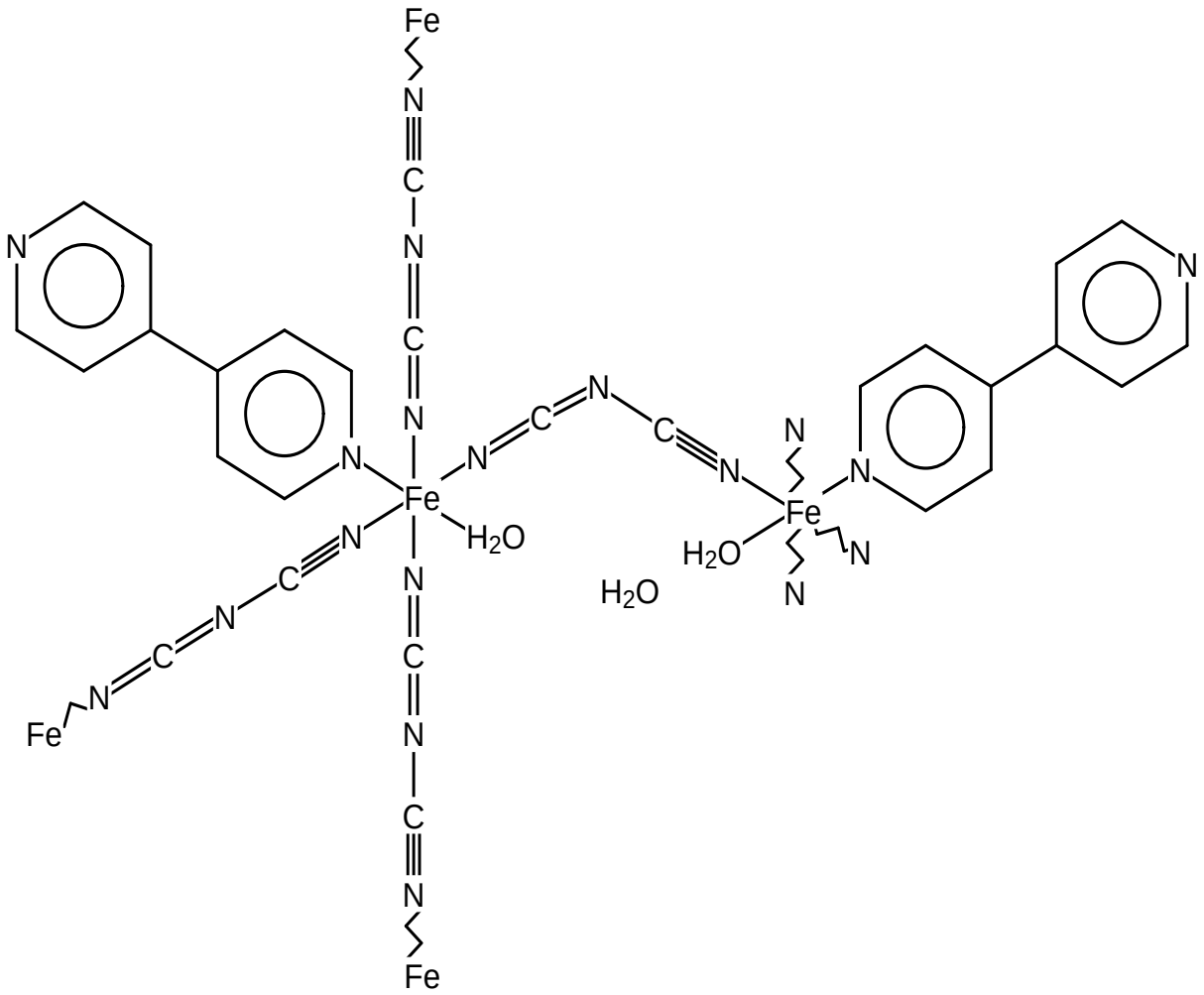
Reference: S.Martin, M.G.Barandika, J.M.Ezpeleta, R.Cortes, J.I.Ruiz de Larramendi, L.Lezama, T.Rojo (2002) *J.Chem.Soc.,Dalton Trans.* ,4275

Formula: $(C_{28}\ H_{20}\ Fe_2\ N_{16}\ O_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(bis(μ_2-Dicyanamide)-(μ_2-4,4'-bipyridine)-iron(ii)) monohydrate)

Space Group:	I41cd	***Cell:***	***a***	22.366(5)	***b***	22.366(5)	***c***	13.311(2)
Space Group No.:	110	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.481



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 139

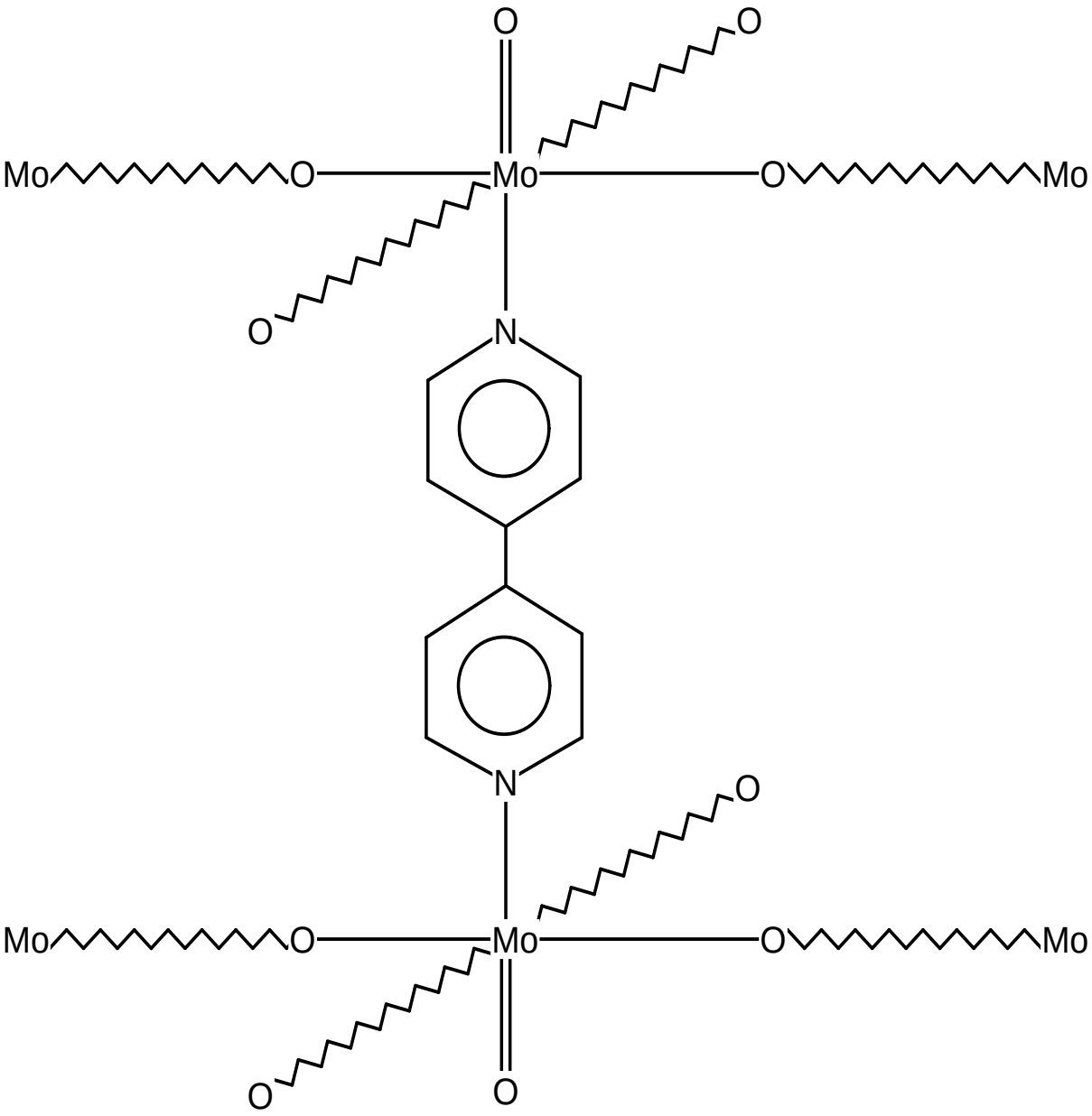
BALFAV

Reference: J.W.Johnson, A.J.Jacobson, S.M.Rich, J.F.Brody (1981) *J.Am.Chem.Soc. ,***103,**5246

Formula: $(C_{10}\ H_8\ Mo_2\ N_2\ O_6)n$

Compound Name: ((μ_2-4,4'-Bipyridine)-bis(molybdenum trioxide))

Space Group:		***Cell:***	***a*** 5.265(2)	***b*** 5.265(2)	***c*** 22.760(5)
Space Group No.:	0	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	0.000



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 140

BALFAV01

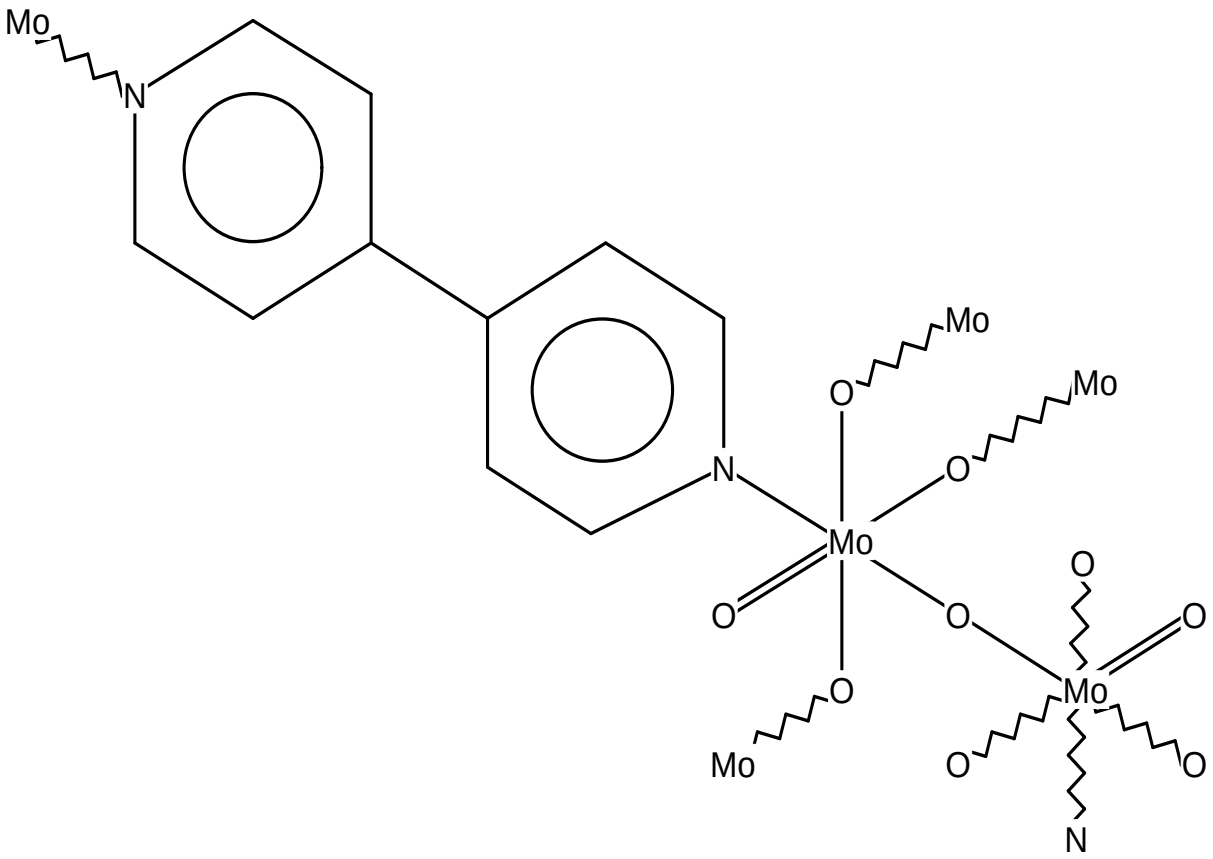
Reference: Chuan-Peng Cui, Jing-Cao Dai, Wen-Xin Du, Zhi-Yong Fu, Sheng-Min Hu, Li-Ming Wu, Xin-Tao Wu (2002) *Polyhedron* ,**21,**175

Formula: $(C_{10}\ H_8\ Mo_2\ N_2\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-oxo)-dioxo-di-molybdenum]

Space Group:	C2	***Cell:***	***a***	7.447(4)	***b*** 7.460(5)	***c***	11.945(6)
Space Group No.:	5	***(Å,°)***	α	90.00	β 108.07(4)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.338



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 141

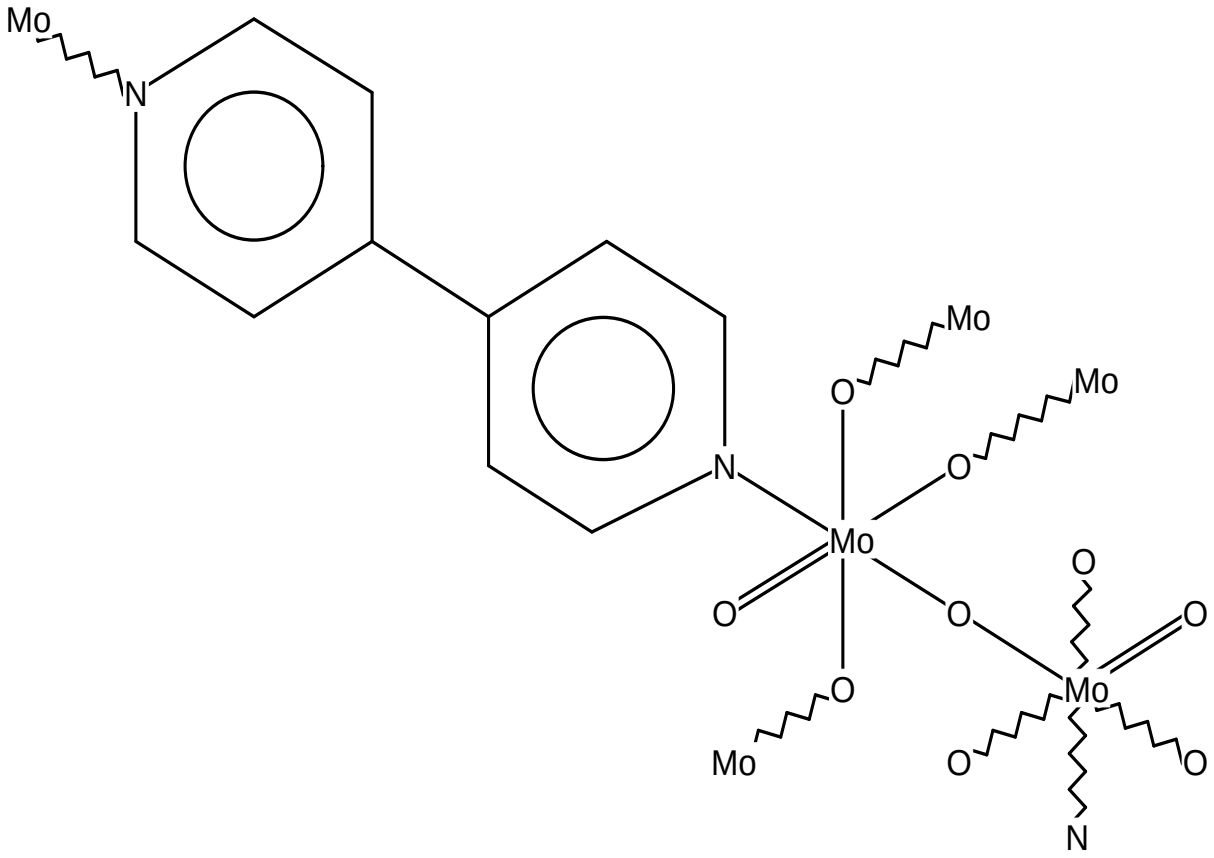
BALFAV02

Reference: S.K.Ng, Zhao-Xiong Xie (2003)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**22,**691

Formula: $(C_{10}\ H_8\ Mo_2\ N_2\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-oxo)-dioxo-di-molybdenum]

Space Group:	I-4m2	***Cell:***	***a***	5.270	***b***	5.270	***c*** 22.718
Space Group No.:	119	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	3.10	***Temperature(K):***	295		***Density(g/cm^3):***		2.337



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 142

BALFAV03

Reference: P.J.Hagrman, R.L.La Duca Junior, H.-J.Koo, R.Rarig Junior, R.C.Haushalter, M.-H.Whangbo, J.Zubieta (2000) *Inorg.Chem. ,***39,**4311

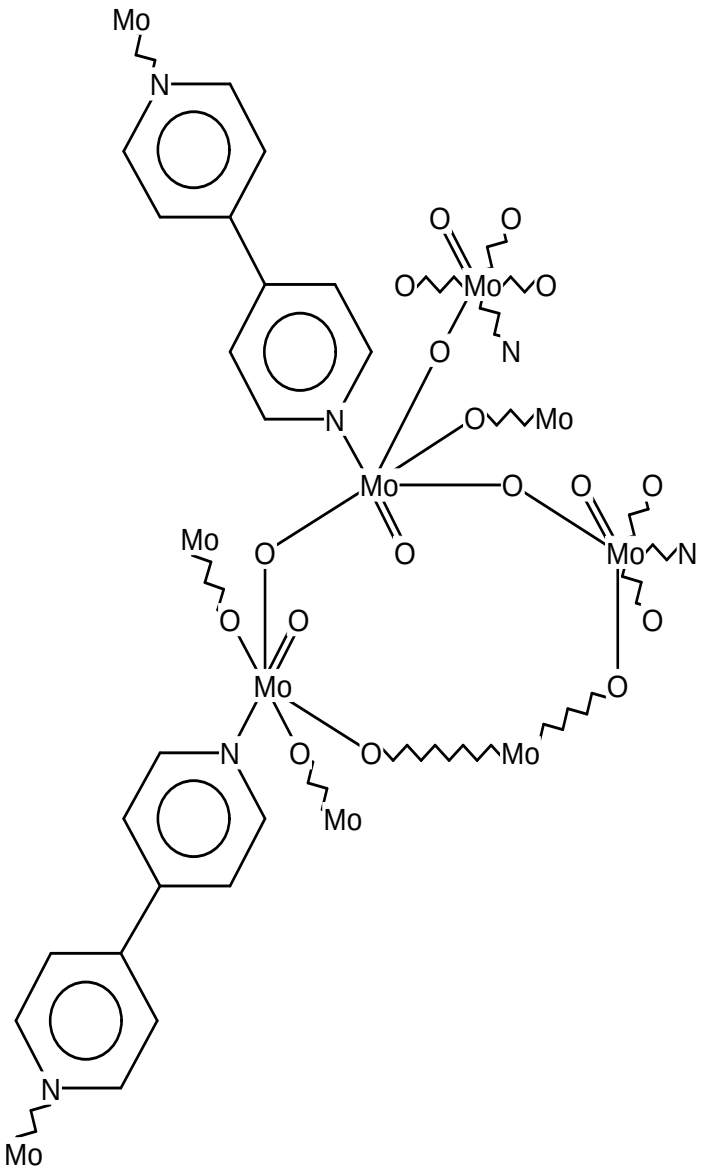
Formula: $(C_{20}\ H_{16}\ Mo_4\ N_4\ O_{12})n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-octakis(μ_2-oxo)-tetraoxo-tetra-molybdenum)

Synonym: MOXI-8

Space Group:	P21/c	***Cell:***	***a***	7.573(0)	***b***	7.368(0)	***c***	22.433(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.40(0)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.357



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 143

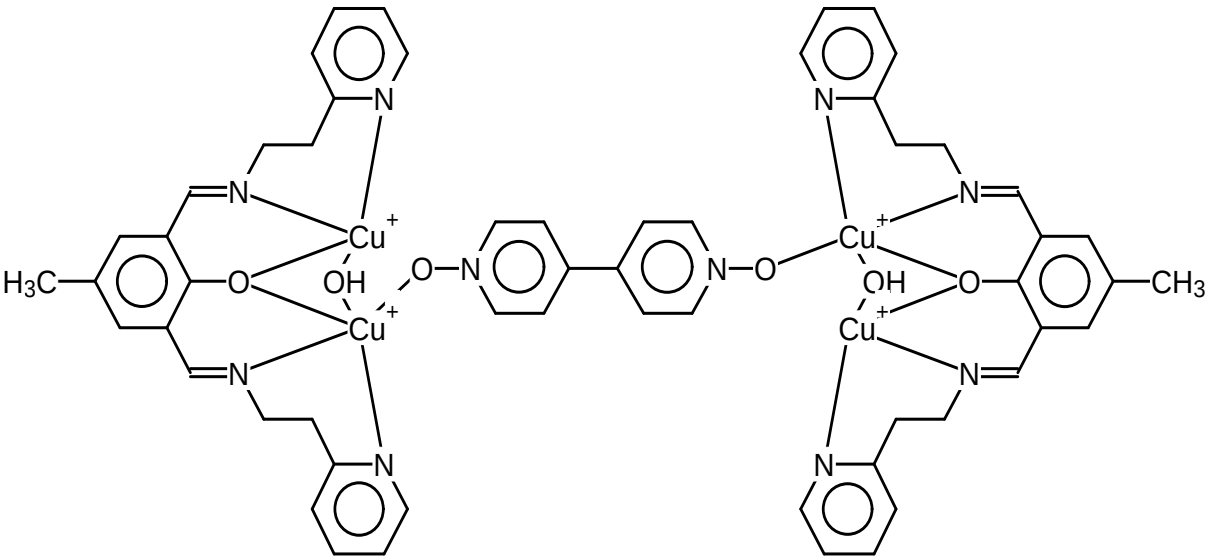
BAMLIL

Reference: D.Visinescu, G.I.Pascu, M.Andruh, J.Magull, H.W.Roesky (2002) *Inorg.Chim.Acta* ,**340,**201

Formula: $C_{56}\ H_{56}\ Cu_4\ N_{10}\ O_6\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),1.33($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N'-dioxido)-bis(μ_2-hydroxo)-bis(μ_2-2,6-bis((2-(2-pyridyl)ethyl)iminomethyl)-4-methylphenolato)-tetra-copper(ii) tetraperchlorate hydrate

Space Group:	P-1	***Cell:***	***a*** 11.356(1)	***b*** 12.517(1)	***c*** 13.275(1)
Space Group No.:	2	***(Å,°)***	α 117.74(0)	β 104.94(0)	γ 92.02(0)
R-Factor (%):	3.37	***Temperature(K):***	133	***Density(g/cm^3):***	1.717



ClO_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 144

BAQCEB

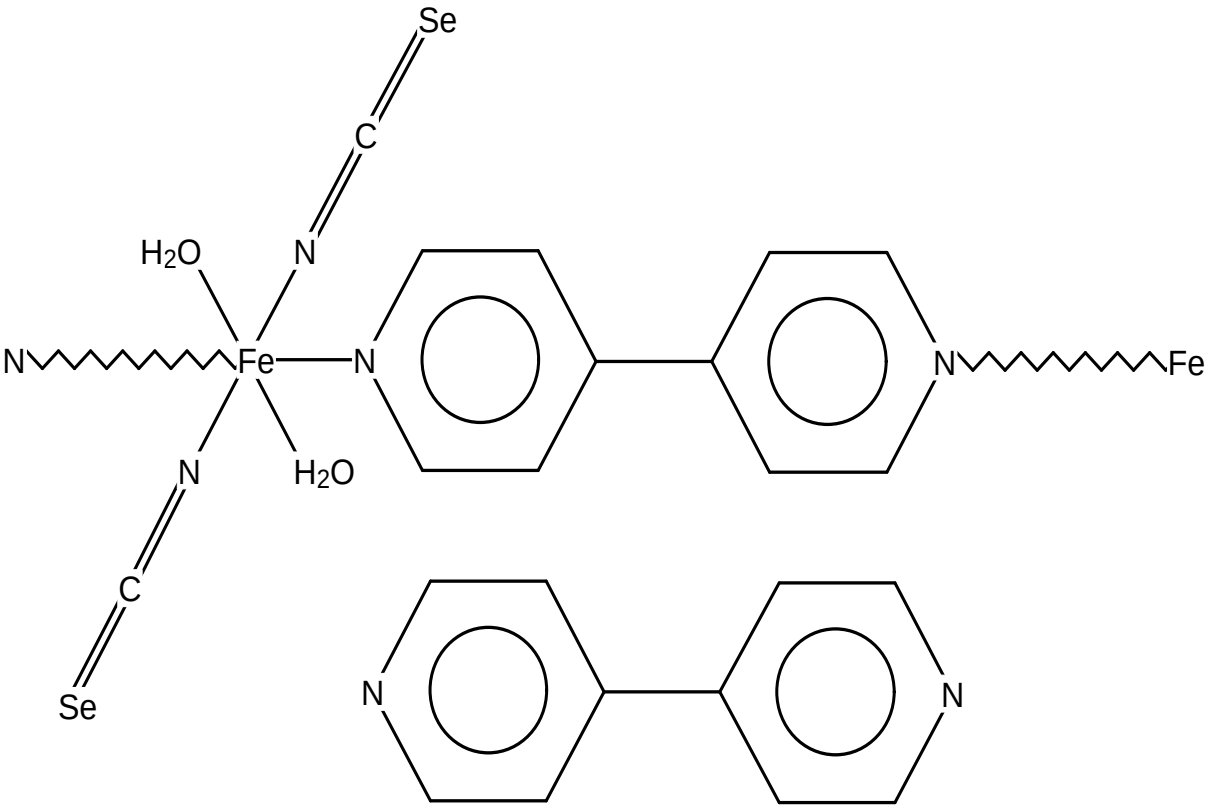
Reference: N.Moliner, M.Carmen Munoz, J.A.Real (1999)
Inorg.Chem.Commun. ,**2,**25

Formula: $(C_{12}\ H_{12}\ Fe_1\ N_4\ O_2\ Se_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-2-(4,4'-Bipyridine))-bis(aqua-isoselenocyanate-iron(ii)) 4,4'-bipyridine solvate)

Space Group:	I2/a	***Cell:***	***a***	14.516(3)	***b*** 11.525(3)	***c***	15.822(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.63(1)	γ	90.00

R-Factor (%): 4.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.617



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 145

BARXIC

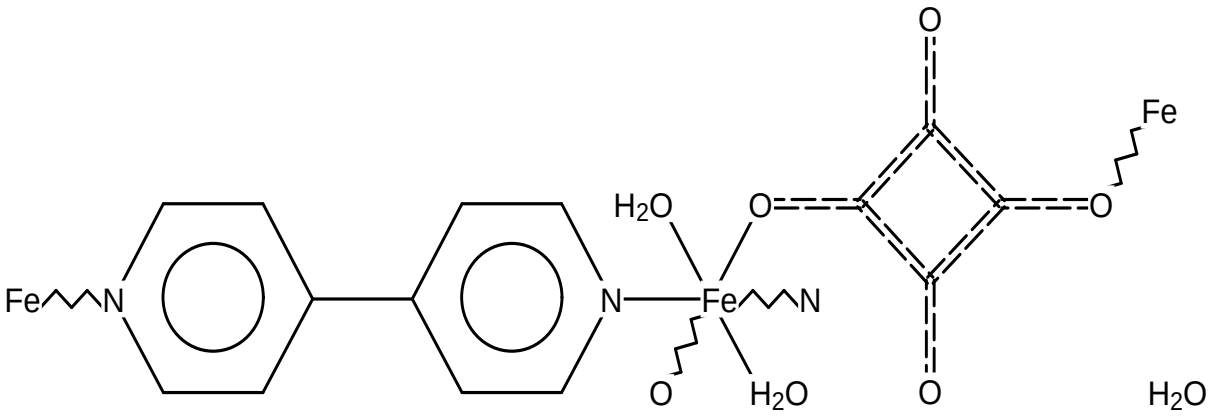
Reference: S.Konar, M.Corbella, E.Zangrando, J.Ribas, N.R.Chaudhuri (2003) *Chem.Commun.* ,1424

Formula: $(C_{14}\ H_{12}\ Fe_1\ N_2\ O_6)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-squarato)-diaqua-iron(ii) trihydrate clathrate)

Space Group:	C2/c	***Cell:***	***a***	20.198(4)	***b*** 11.456(3)	***c***	8.099(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.07(2)	γ	90.00

R-Factor (%): 5.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.553



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 146

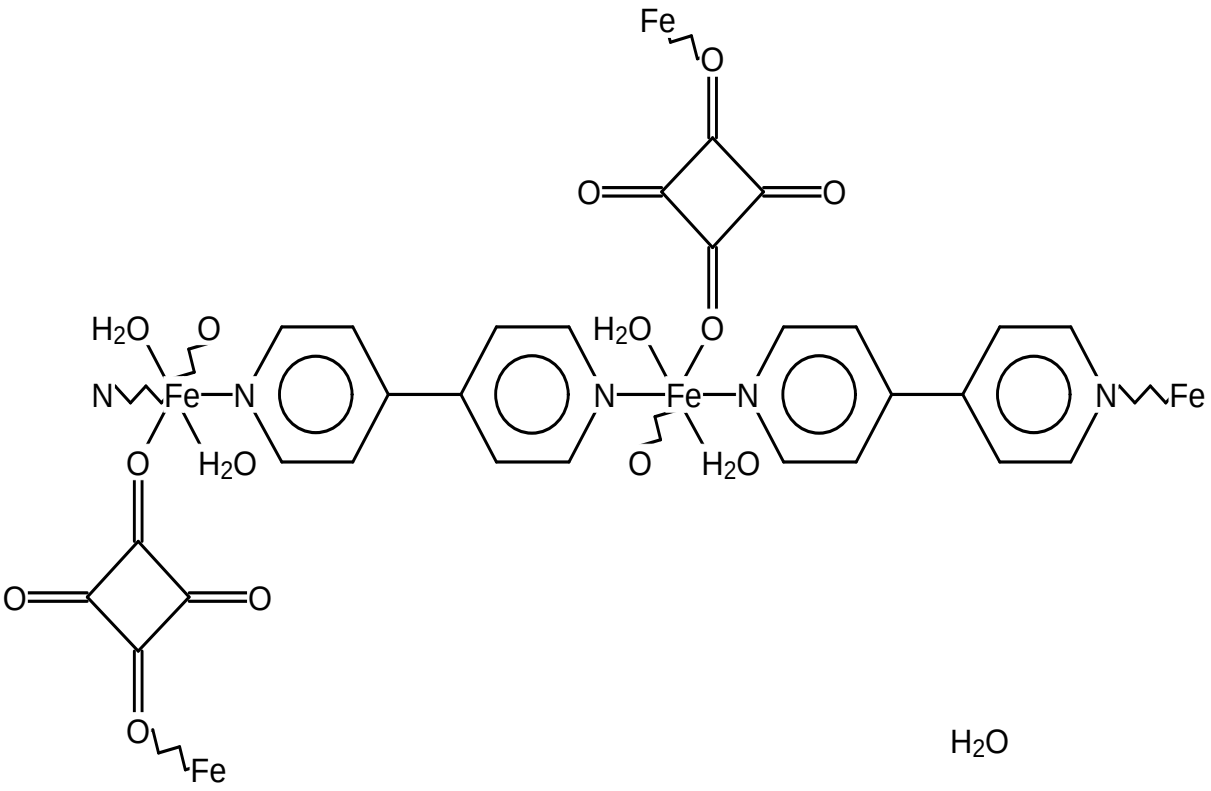
BARXIC01

Reference: J.Greve, I.Jess, C.Nather (2003) *J.Solid State Chem.* ,**175,** 328

Formula: $(C_{28}\ H_{24}\ Fe_2\ N_4\ O_{12})n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-2,2'-Bipyridine)-bis(μ_2-squarato)-tetraaqua-di-iron(ii) hexahydrate clathrate)

Space Group:	P21/c	***Cell:***	***a***	18.893(0)	***b***	11.450(0)	***c*** 8.098(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.03(0)	γ 90.00
R-Factor (%):	4.59	***Temperature(K):***	170		***Density(g/cm^3):***		1.572



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 147

BASMIS

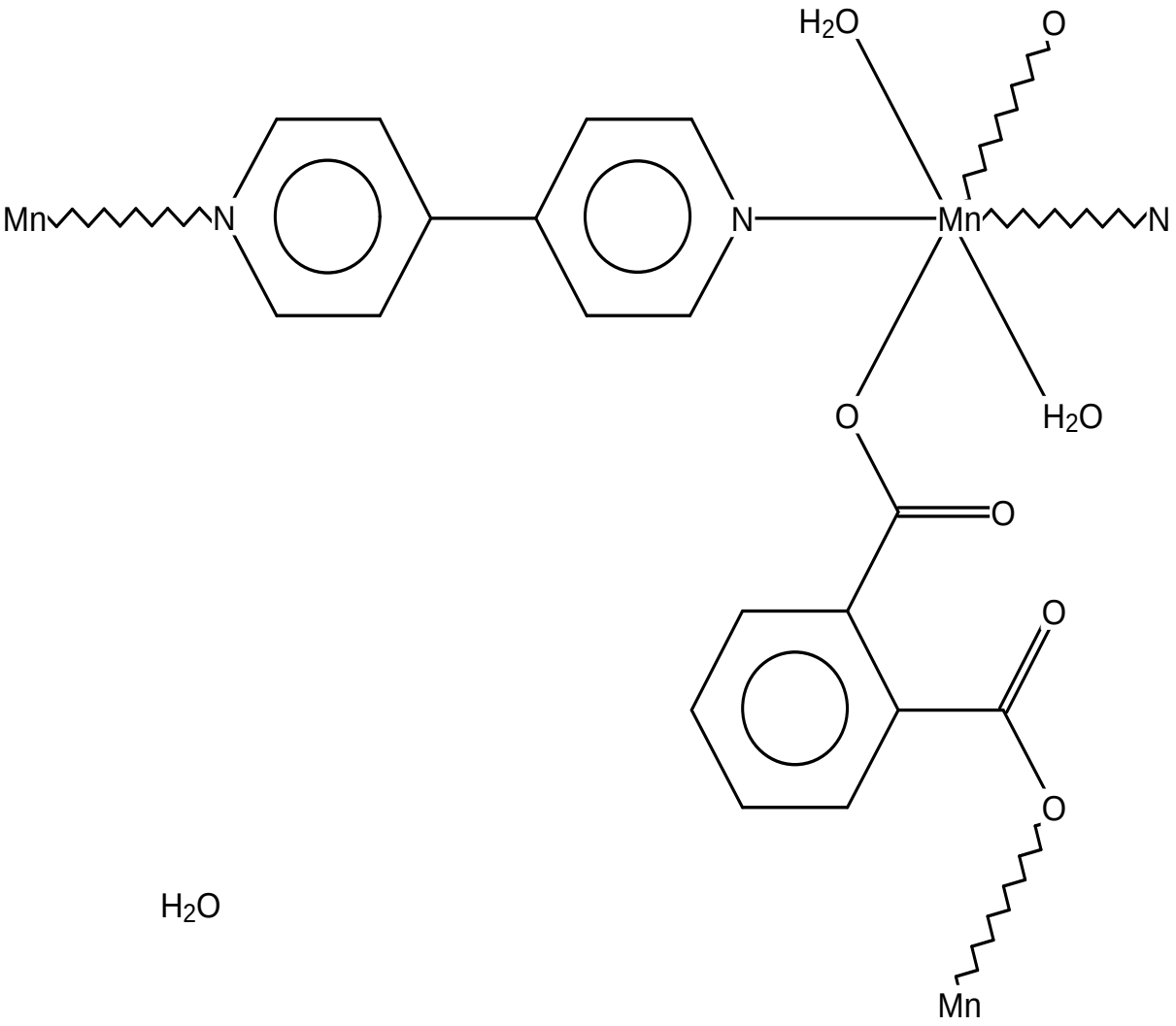
Reference: Chengbing Ma, Changneng Chen, Qiutian Liu, Daizheng Liao, Licun Li, Licheng Sun (2003) *New J.Chem. ,***27,**890

Formula: $(C_{18}\ H_{16}\ Mn_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-o-phthalato)-diaqua-manganese dihydrate)

Space Group:	P2/n	***Cell:***	***a***	7.704(0)	***b*** 11.586(1)	***c***	10.769(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 92.69(0)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.547



Search: search1 (Thu May 26 10:05:42 2011): Hit 148

BASMIS01

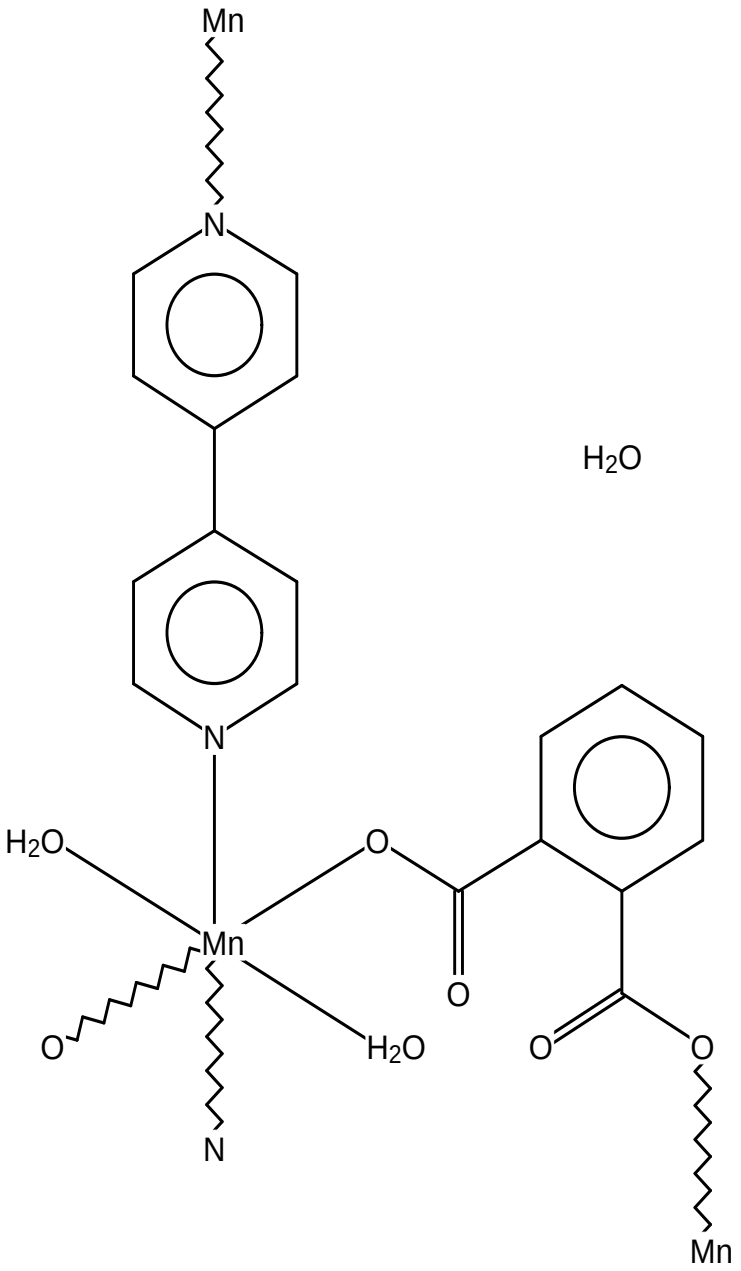
Reference: R.Koeferstein, C.Robl (2007) *Z.Anorg.Allg.Chem.* ,**633,** 1127

Formula: $(C_{18}\ H_{16}\ Mn_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(μ_2-phthalato-O,O')-diaqua-manganese(ii) dihydrate)

Space Group:	P2/n	***Cell:***	***a***	7.692(1)	***b***	11.588(1)	***c*** 10.750(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.67(2)	γ 90.00

R-Factor (%):	2.74	***Temperature(K):***	293	***Density(g/cm^3):***	1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 149

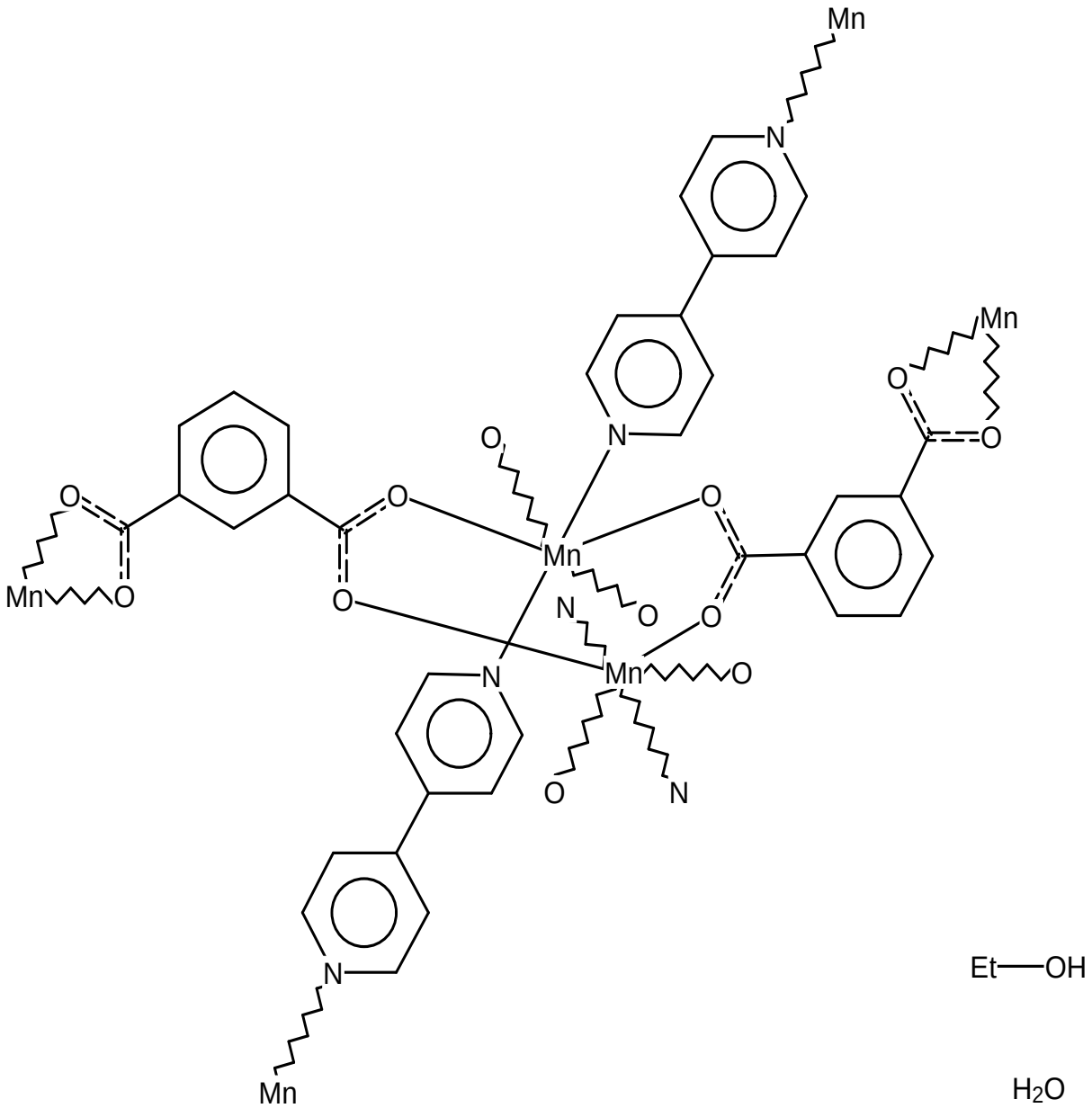
BASMOY

Reference: Chengbing Ma, Changneng Chen, Qiutian Liu, Daizheng Liao, Licun Li, Licheng Sun (2003) *New J.Chem. ,***27,**890

Formula: $(C_{36}\ H_{24}\ Mn_2\ N_4\ O_8)n,0.5n(C_2\ H_6\ O_1),1.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-m-phthalato)-bis(μ_2-4,4'-bipyridyl)-di-manganese ethanol solvate sesquihydrate)

Space Group:	P2/c	***Cell:***	***a***	10.116(2)	***b*** 11.562(2)	***c***	16.084(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.99(3)	γ	90.00
R-Factor (%):	6.31	***Temperature(K):***	293		***Density(g/cm^3):***		1.450



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 150

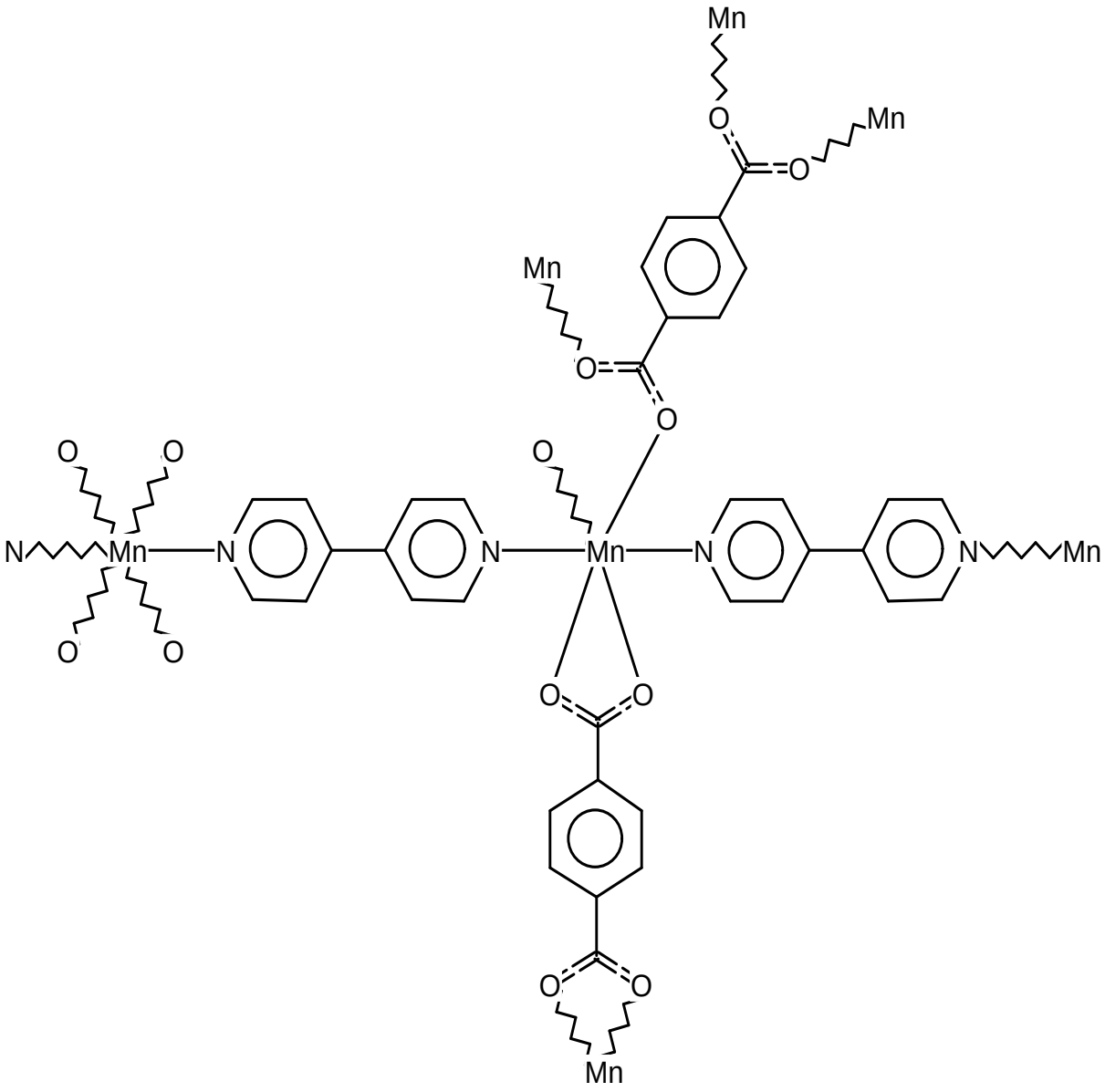
BASMUE

Reference: Chengbing Ma, Changneng Chen, Qiutian Liu, Daizheng Liao, Licun Li, Licheng Sun (2003) *New J.Chem. ,***27,**890

Formula: $(C_{36}\ H_{24}\ Mn_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-p-phthalato)-(μ_2-p-phthalato)-bis(μ_2-4,4'-bipyridyl)-di-manganese)

Space Group:	P-1	***Cell:***	***a***	9.335(0)	***b*** 10.314(0)	***c***	11.407(0)
Space Group No.:	2	***(Å,°)***	α	92.02(0)	β 112.86(0)	γ	116.48(0)
R-Factor (%):	5.68	***Temperature(K):***	293		***Density(g/cm^3):***	1.422	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 151

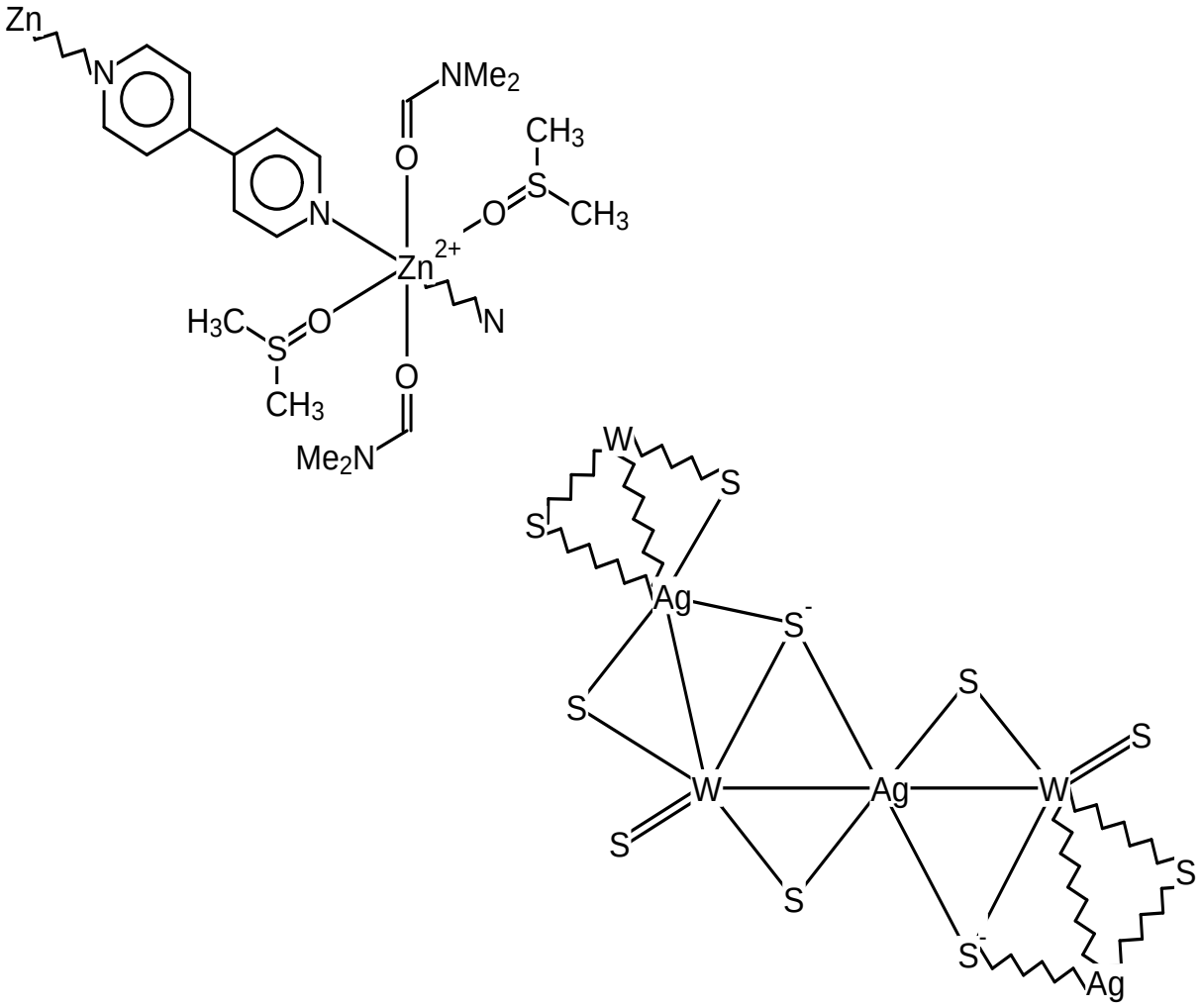
BASQAO

Reference: Chen Ling, Yu Heng, Wu Liming, Du Wenxin, Gao Xiancheng, Lin Ping, Zhang Wenjian, Cui Chuanpeng, Wu Xintao (2000) *J.Solid State Chem. ,***151,**286

Formula: $(C_{20}\ H_{34}\ N_4\ O_4\ S_2\ Zn_1\ ^{2+})n,n(Ag_2\ S_8\ W_2\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(dimethylformamide)-bis(dimethylsulfoxide) -zinc bis(μ_3-sulfido)-tetrakis(μ_2-sulfido)-disulfoxo-di-silver-di-tungsten)

Space Group:	C2/c	***Cell:***	***a***	8.996(2)	***b***	21.728(4)	***c*** 21.560(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.00(3)	γ 90.00
R-Factor (%):	5.46	***Temperature(K):***	293		***Density(g/cm3):***		2.155



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 152

BASQES

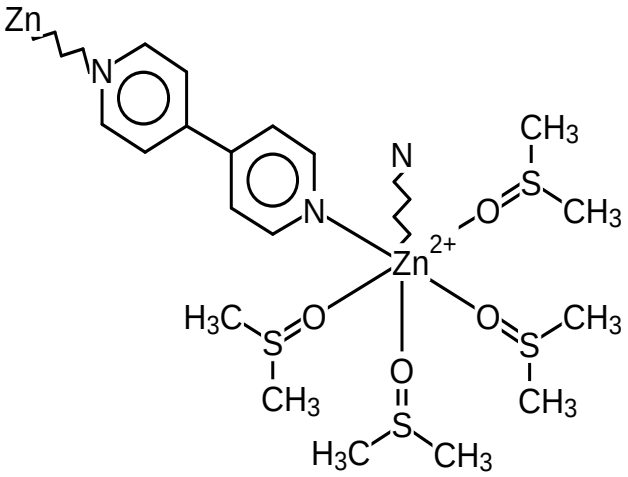
Reference: Chen Ling, Yu Heng, Wu Liming, Du Wenxin, Gao Xiancheng, Lin Ping, Zhang Wenjian, Cui Chuanpeng, Wu Xintao (2000) *J.Solid State Chem. ,***151,**286

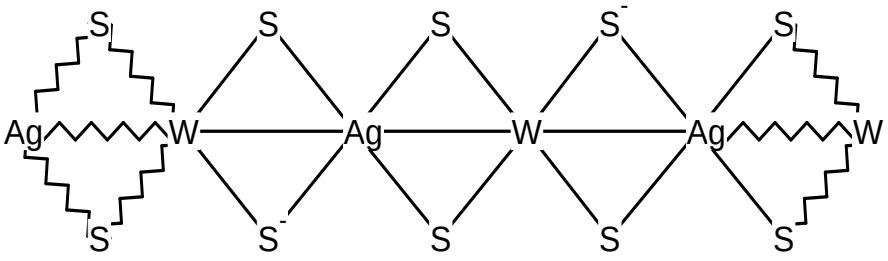
Formula: $(C_{18}\ H_{32}\ N_2\ O_4\ S_4\ Zn_1\ ^{2+})n,n(Ag_2\ S_8\ W_2\ ^{2-}),n(C_2\ H_6\ O_1\ S_1)$

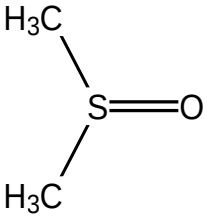
Compound Name: catena-((μ2-4,4'-Bipyridyl)-tetrakis(dimethylsulfoxide)-zinc octakis(μ2-sulfido)-di-silver-di-tungsten dimethylsulfoxide solvate)

Space Group:	C2/c	***Cell:***	***a***	28.890(0)	***b*** 11.940(0)	***c***	16.234(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 122.93(0)	γ	90.00

R-Factor (%): 4.38 ***Temperature(K):*** 293 ***Density(g/cm3):*** 2.052







Search: search1 (Thu May 26 10:05:42 2011): Hit 153

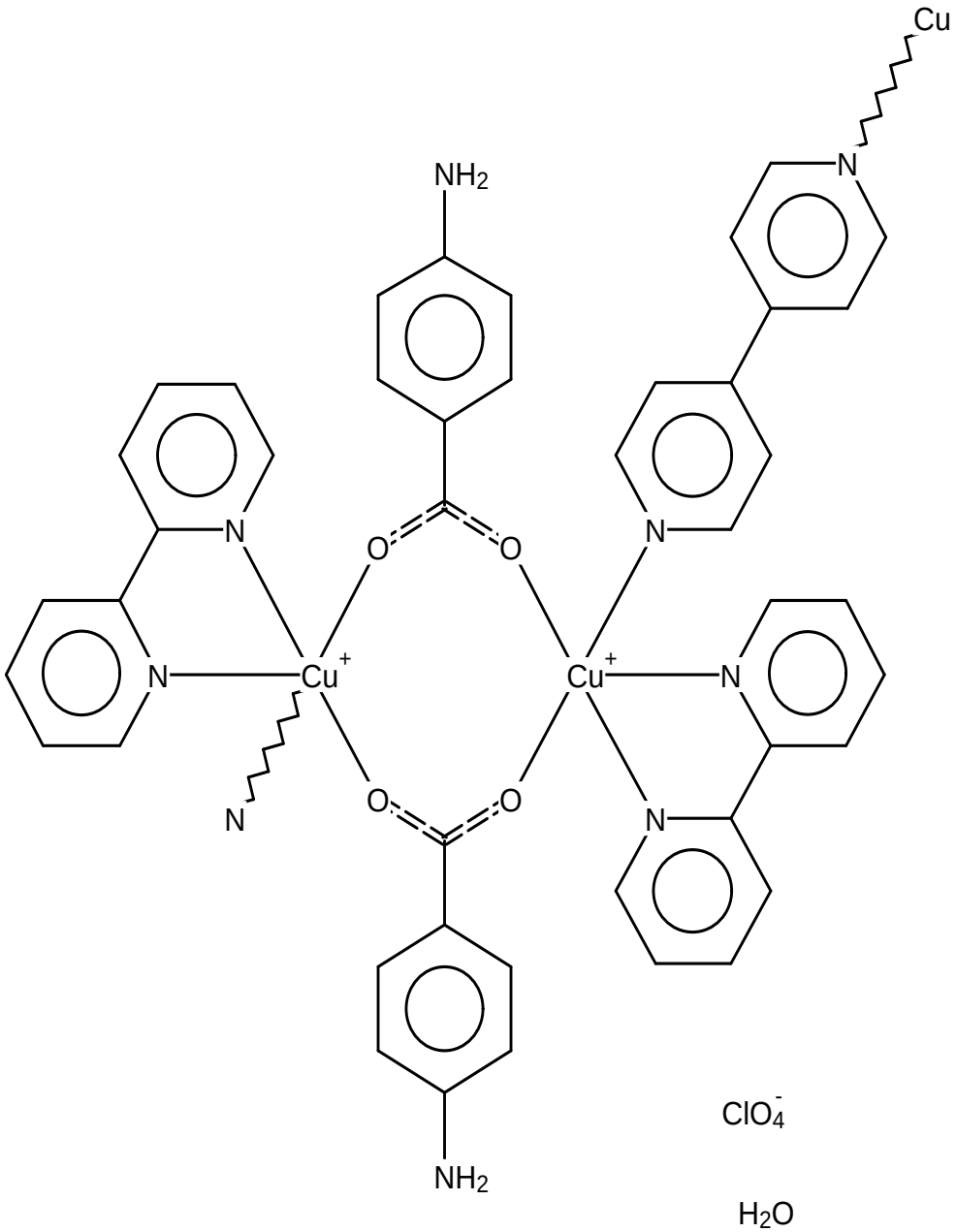
BAWROH

Reference: Da-Hua Hu, Wei Huang, Shao-Hua Gou, Jiang-Lin Fang, Hoong-Kun Fun (2003) *Polyhedron* ,**22,**2661

Formula: $(C_{44}\ H_{36}\ Cu_2\ N_8\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4-Aminobenzoato-O,O')-(μ_2-4,4'-bipyridyl)-bis(2,2'-bipyridyl)-di-copper(ii) diperchlorate monohydrate)

Space Group:	Imma	***Cell:***	***a***	20.631(0)	***b***	14.463(0)	***c*** 15.389(0)
Space Group No.:	74	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	7.26	***Temperature(K):***	293	***Density(g/cm^3):***	1.569		



Search: search1 (Thu May 26 10:05:42 2011): Hit 154

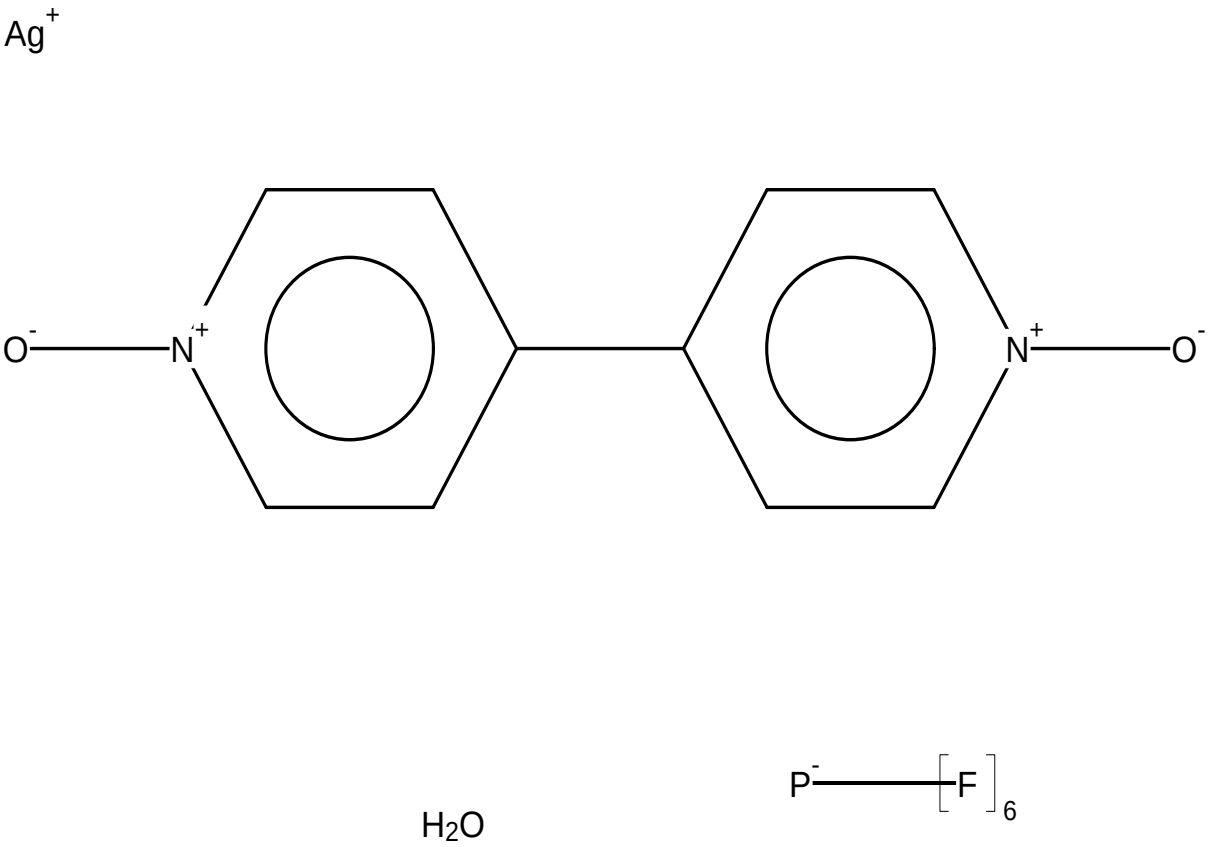
BAXKOB

Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao (2003)
Chem.Commun. ,2164

Formula: $Ag_1\ ^{1+},2(C_{10}\ H_8\ N_2\ O_2),F_6\ P_1\ ^{1-},H_2\ O_1$

Compound Name: Silver bis(4,4'-bipyridyl 1,1'-dioxide) hexafluorophosphate monohydrate

Space Group:		***Cell:***	***a***	17.493(3)	***b***	17.493(3)	***c*** 3.702(1)
Space Group No.:	0	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***	1.897	



Search: search1 (Thu May 26 10:05:42 2011): Hit 155

BAXNIX

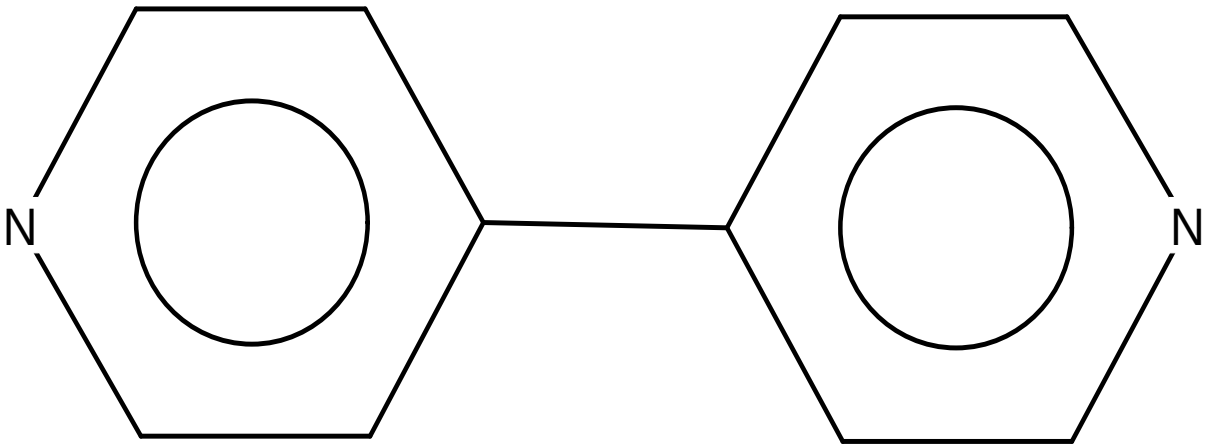
Reference: M.Bukowska-Strzyzewska, A.Tosik (1982)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***38,**265

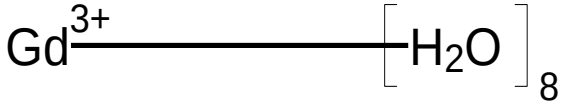
Formula: $2(C_{10}\ H_8\ N_2),H_{16}\ Gd_1\ O_8\ ^{3+},3(Cl_1\ ^{1-})$

Compound Name: bis(4,4'-Bipyridyl) octa-aqua-gadolinium(iii) trichloride clathrate

Space Group:	P-4c2	***Cell:***	***a***	8.901(2)	***b***	8.901(2)	***c*** 19.319(4)
Space Group No.:	116	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.562





Cl^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 156

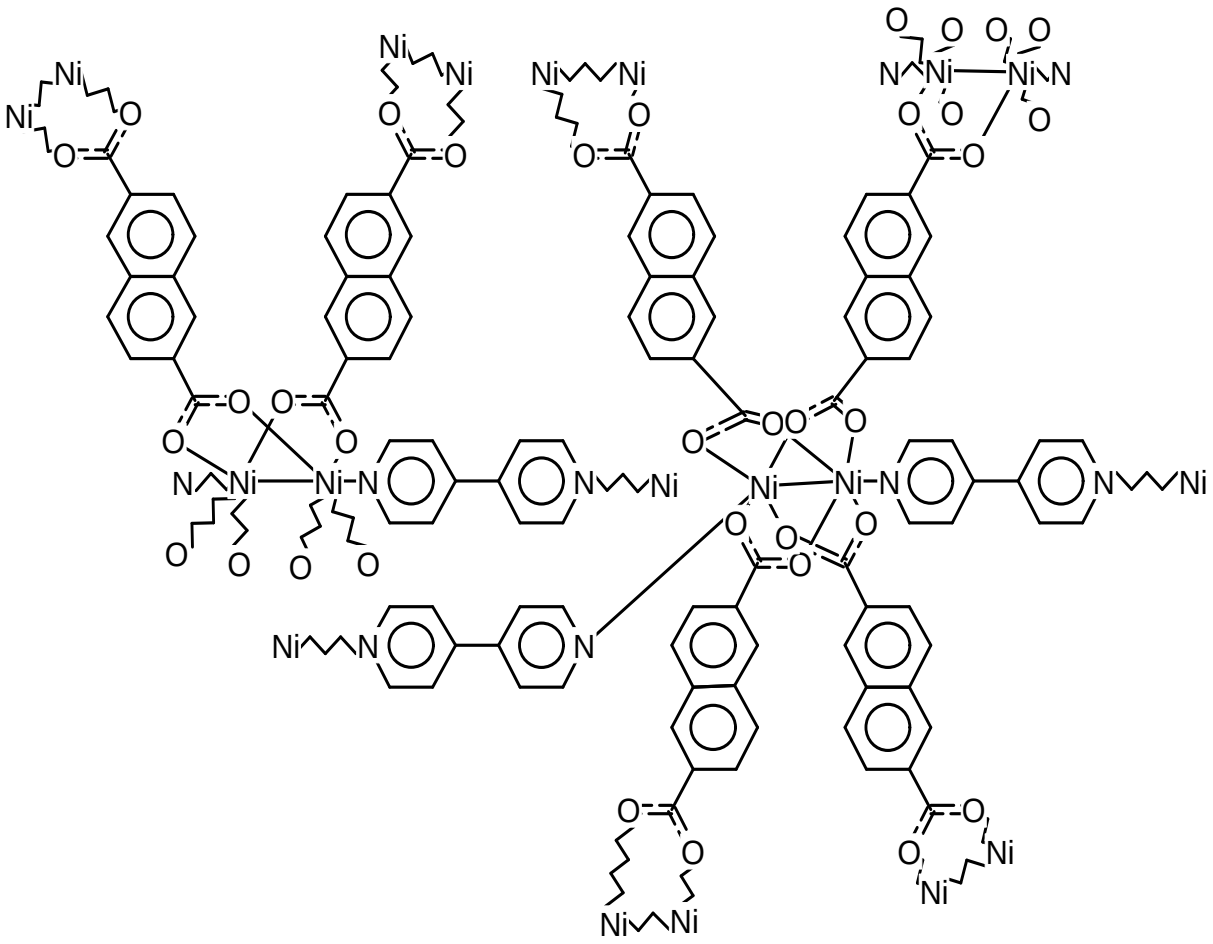
BAZBIO

Reference: S.W.Lee, Hye Jin Kim, Yeon Kyoung Lee, Kyungsoo Park, Jung-Ho Son, Young-Uk Kwon (2003) *Inorg.Chim.Acta ,***353,**151

Formula: $(C_{68}\ H_{40}\ N_4\ Ni_4\ O_{16})n,n(C_{34}\ H_{20}\ N_2\ Ni_2\ O_8)$

Compound Name: catena-(bis(μ_4-2,6-napthalenedicarboxylato)-(μ_2-4,4'-bipyridyl)-di-nickel tetrakis(μ_4-2,6-napthalenedicarboxylato)-bis(μ_2-4,4'-bipyridyl)-tetra-nickel)

Space Group:	C2	***Cell:***	***a*** 17.159(4)	***b*** 19.747(5)	***c*** 13.709(4)
Space Group No.:	5	***(Å,°)***	α 90.00	β 95.94(0)	γ 90.00
R-Factor (%):	3.89	***Temperature(K):***	153	***Density(g/cm^3):***	1.514



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 157

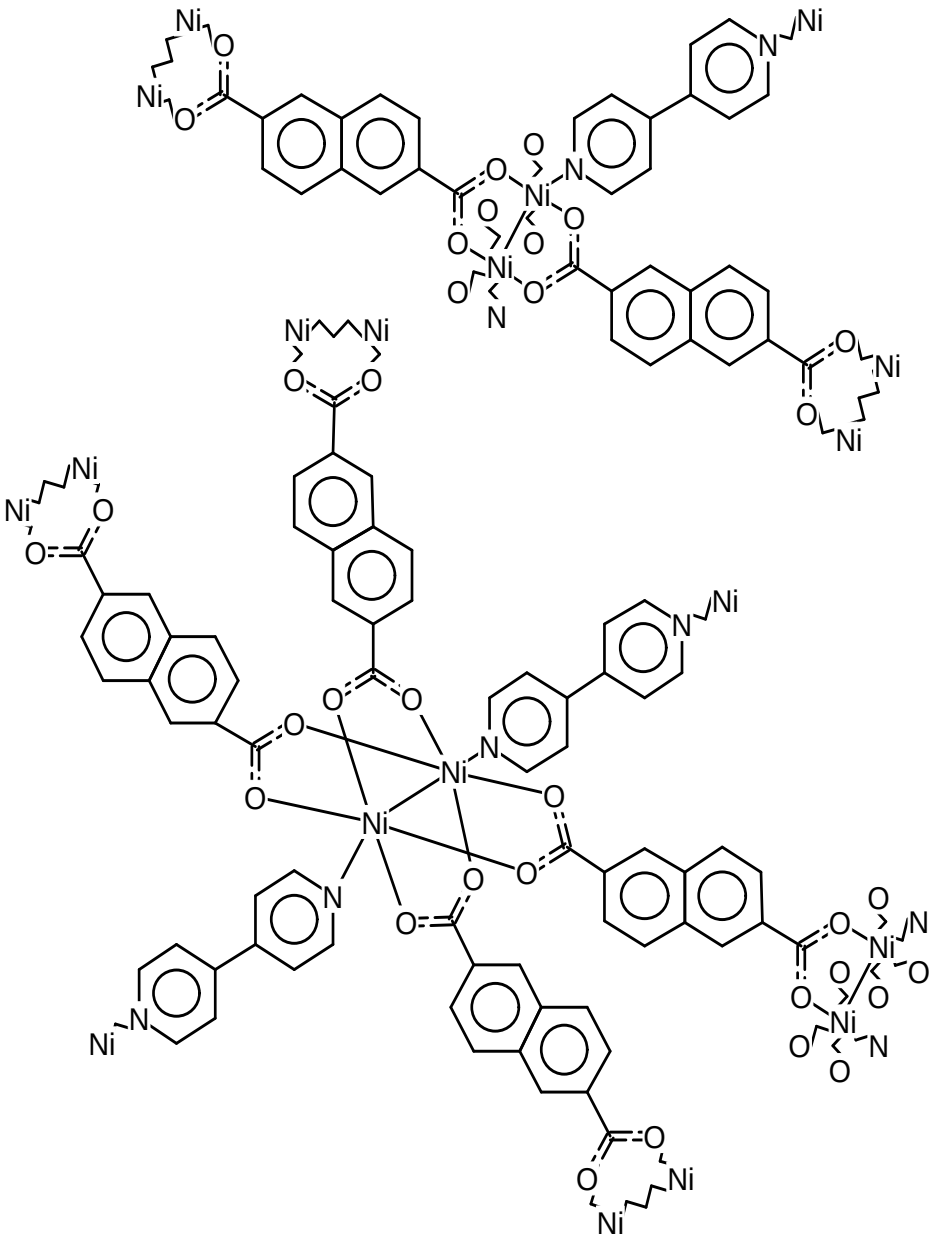
BAZBIO01

Reference: Liang-Ping Hsu, Jing-Yun Wu, Kuang-Lieh Lu (2007)
*J.Inorg.Organomet.Polym.Mater. ,***17,**259

Formula: $(C_{68}\ H_{40}\ N_4\ Ni_4\ O_{16})n,n(C_{34}\ H_{20}\ N_2\ Ni_2\ O_8)$

Compound Name: catena-(tetrakis(μ_4-2,6-naphthalenedicarboxylato)-bis(μ_2-4,4'-bipyridine)-tetra-nickel(ii) bis(μ_4-2,6-naphthalenedicarboxylato)-(μ_2-4,4'-bipyridine)-di-nickel(ii))

Space Group:	C2	***Cell:***	***a***	17.102(0)	***b***	19.843(0)	***c***	13.703(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β	96.07(0)	γ	90.00
R-Factor (%):	5.45	***Temperature(K):***	200		***Density(g/cm^3):***		1.512	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 158

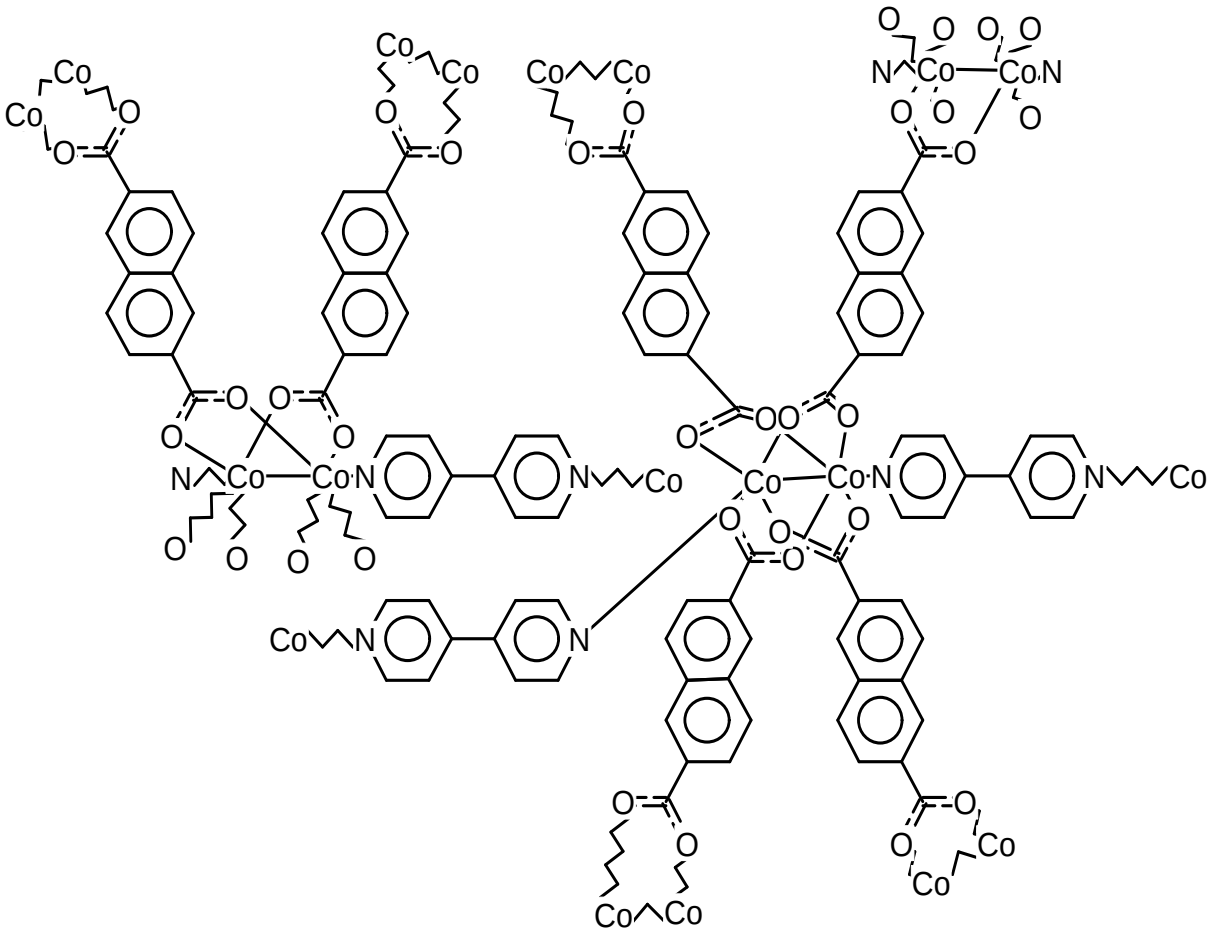
BAZBOU

Reference: S.W.Lee, Hye Jin Kim, Yeon Kyoung Lee, Kyungsoo Park, Jung-Ho Son, Young-Uk Kwon (2003) *Inorg.Chim.Acta ,***353,**151

Formula: $(C_{68}\ H_{40}\ Co_4\ N_4\ O_{16})n,n(C_{34}\ H_{20}\ Co_2\ N_2\ O_8)$

Compound Name: catena-(bis(μ_4-2,6-napthalenedicarboxylato)-(μ_2-4,4'-bipyridyl)-di-cobalt tetrakis(μ_4-2,6-napthalenedicarboxylato)-bis(μ_2-4,4'-bipyridyl)-tetra-cobalt)

Space Group:	C2	***Cell:***	***a***	17.209(4)	***b***	19.865(5)	***c***	13.880(11)
Space Group No.:	5	***(Å,°)***	α	90.00	β	95.81(4)	γ	90.00
R-Factor (%):	5.32	***Temperature(K):***	293	***Density(g/cm^3):***	1.482			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 159

BAZBOU01

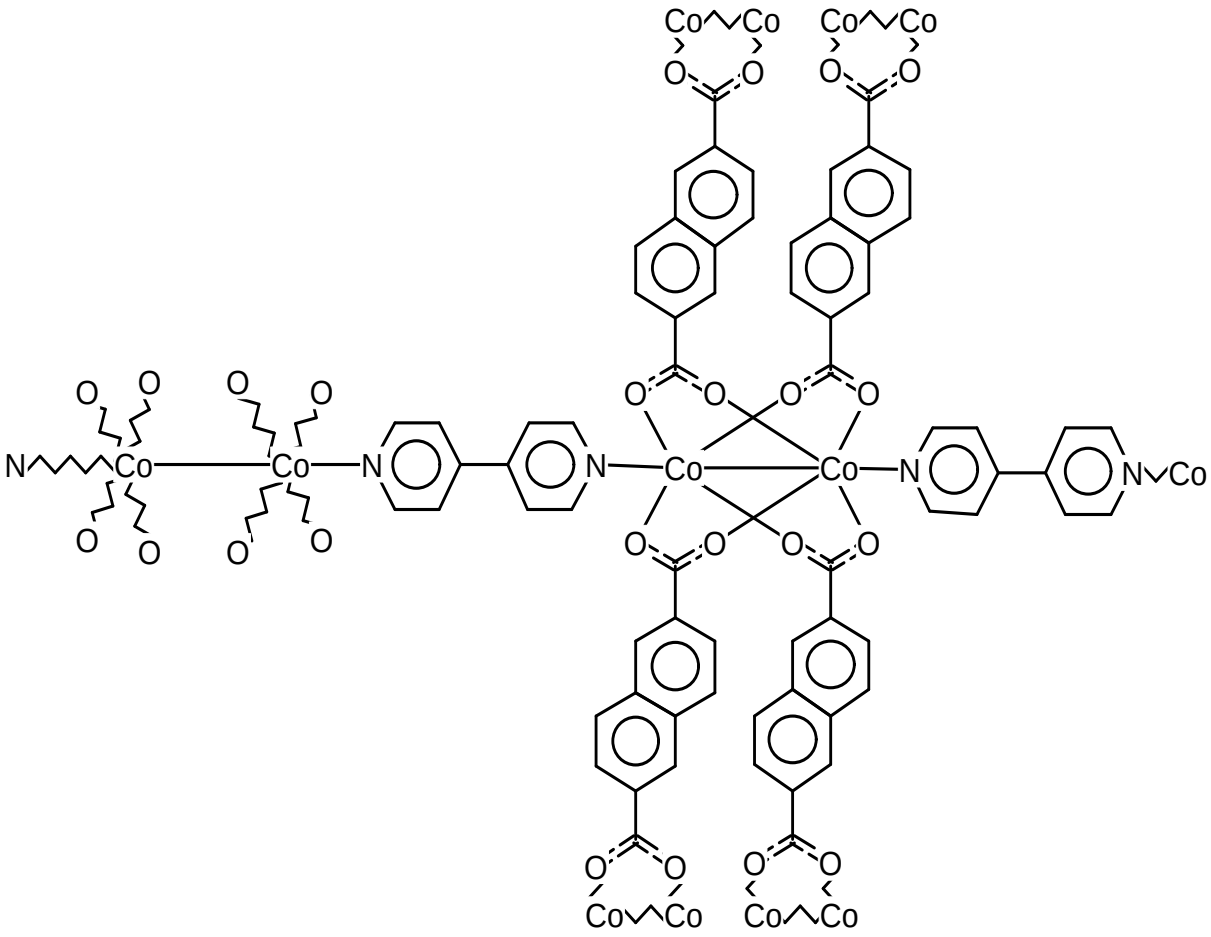
Reference: Qiu-xiang Zhou, Shao-feng Zhang, Hai-bin Song, Lin Yue, Yan-ji Wang (2004)
*Rengong Jingti Xuebao(Chin.)(J.Synthetic Crystals) ,***33,**395

Formula: $(C_{68}\ H_{40}\ Co_4\ N_4\ O_{16})n$

Compound Name: catena-(tetrakis(μ_4-2,6-Naphthalenedicarboxylato)-bis(μ_2-4,4'-bipyridine)-tetra-cobalt)

Space Group:	C2	***Cell:***	***a***	17.285(11)	***b***	19.965(13)	***c***	13.994(9)
Space Group No.:	5	***(Å,°)***	α	90.00	β	95.82(1)	γ	90.00

R-Factor (%): 5.94 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 160

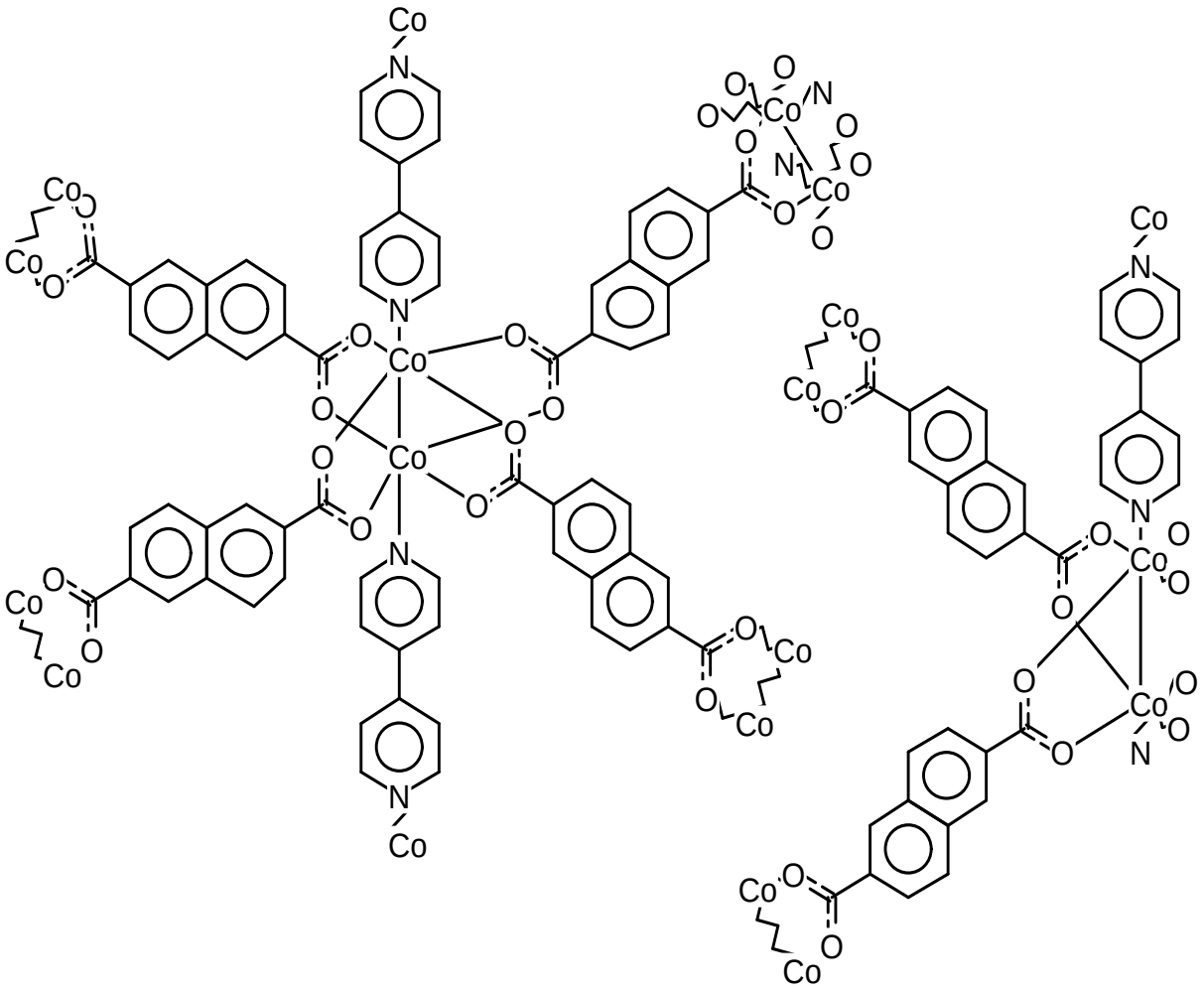
BAZBOU02

Reference: Liang-Ping Hsu, Jing-Yun Wu, Kuang-Lieh Lu (2007)
*J.Inorg.Organomet.Polym.Mater. ,***17,**259

Formula: $(C_{68}\ H_{40}\ Co_4\ N_4\ O_{16})n,n(C_{34}\ H_{20}\ Co_2\ N_2\ O_8)$

Compound Name: catena-(tetrakis(μ_4-2,6-naphthalenedicarboxylato)-bis(μ_2-4,4'-bipyridine)-tetra-cobalt(ii) bis(μ_4-2,6-naphthalenedicarboxylato)-(μ_2-4,4'-bipyridine)-di-cobalt(ii))

Space Group:	C2	***Cell:***	***a***	17.113(1)	***b***	19.951(1)	***c***	13.884(1)
Space Group No.:	5	***(Å,°)***	α	90.00	β	96.05(0)	γ	90.00
R-Factor (%):	6.29	***Temperature(K):***	200		***Density(g/cm^3):***	1.485		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 161

BEBBAM

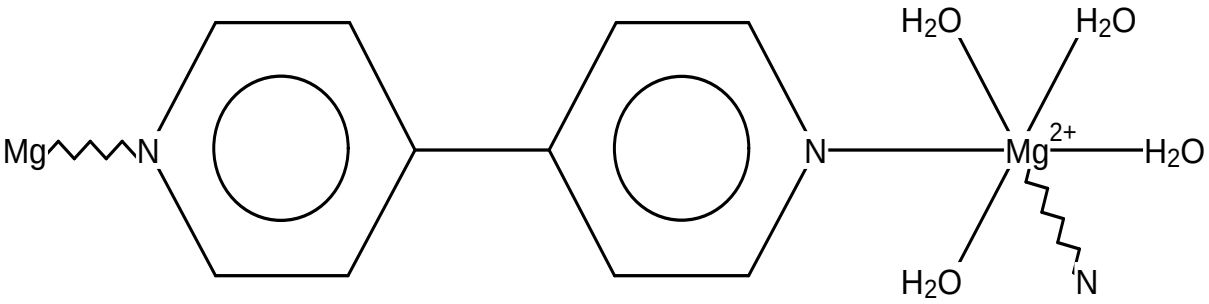
Reference: B.W.Skelton, A.F.Waters, C.R.Whitaker, A.H.White (2003) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***59,**m435

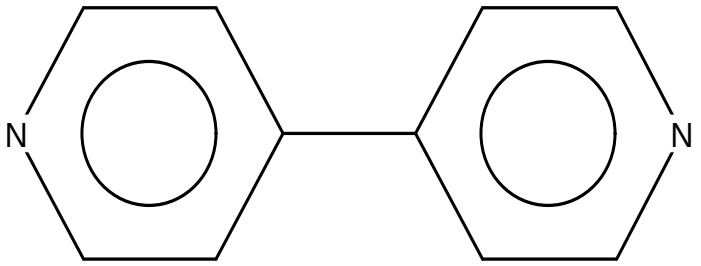
Formula: $(C_{10}\ H_{16}\ Mg_1\ N_2\ O_4\ ^{2+})n,2n(I_1\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-($(\mu_2$-4,4-Bipyridine-N,N')-tetra-aqua-magnesium di-iodide (4,4'-bipyridine) solvate)

Space Group:	C2/c	***Cell:***	***a***	27.574(7)	***b*** 9.018(4)	***c***	16.974(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.23(2)	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.577





I-

Search: search1 (Thu May 26 10:05:42 2011): Hit 162

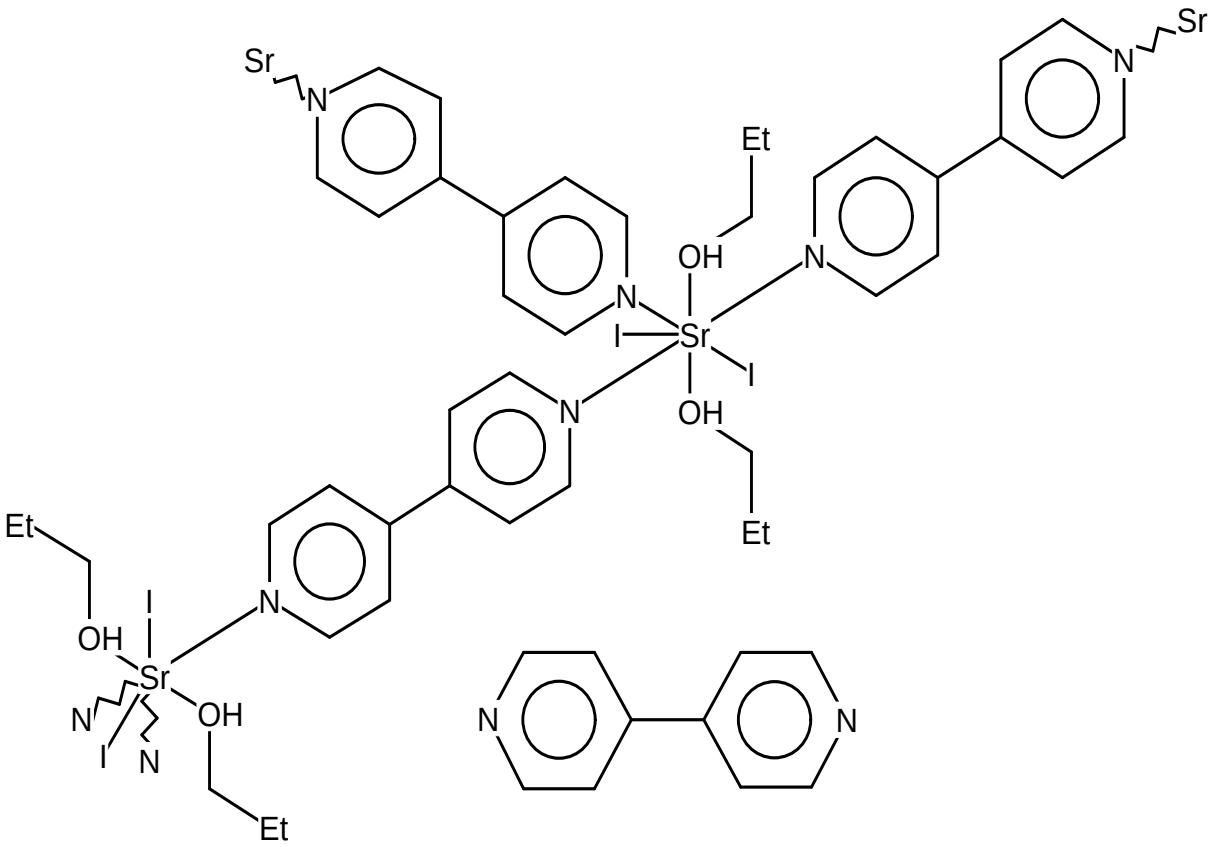
BEBBEQ

Reference: B.W.Skelton, A.F.Waters, C.R.Whitaker, A.H.White (2003) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***59,**m435

Formula: $(C_{42}\ H_{56}\ I_4\ N_6\ O_4\ Sr_2)n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetraiodo-tetrakis(propan-1-ol)-di-strontium(i) bis(4,4'-bipyridine) solvate)

Space Group:	P21/c	***Cell:***	***a***	15.365(2)	***b*** 12.392(2)	***c***	20.979(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 118.49(0)	γ	90.00
R-Factor (%):	4.40	***Temperature(K):***	298		***Density(g/cm^3):***		1.612



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 163

BEBRAC

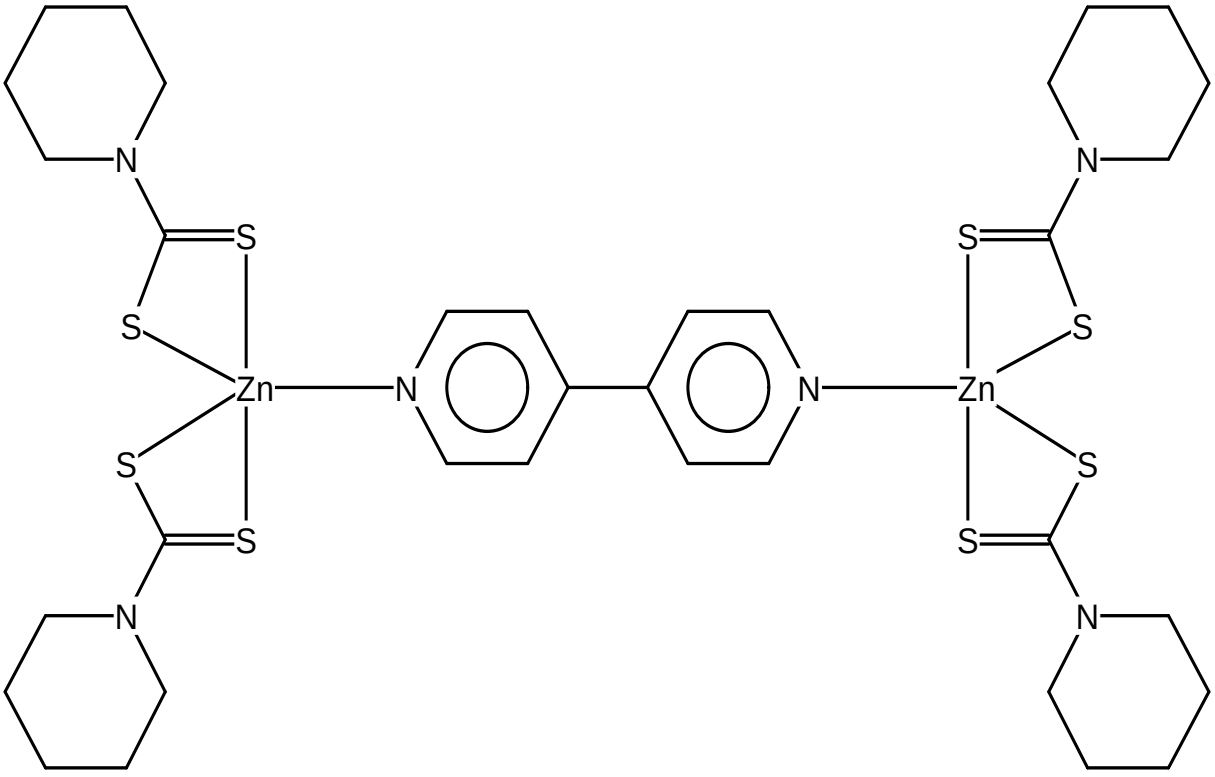
Reference: Shu-Hua Liu, Xiao-Feng Chen, Xu-Hui Zhu, Chun-Yin Duan, Xao-Zeng You (2001) *J.Coord.Chem.* ,**53,**223

Formula: $C_{34}\ H_{48}\ N_6\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(bis(piperidine-1-dithiocarboxylato-S,S')-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	22.021(5)	***b***	22.215(3)	***c*** 17.537(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.49(2)	γ 90.00

R-Factor (%): 6.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.440



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 164

BECQAB

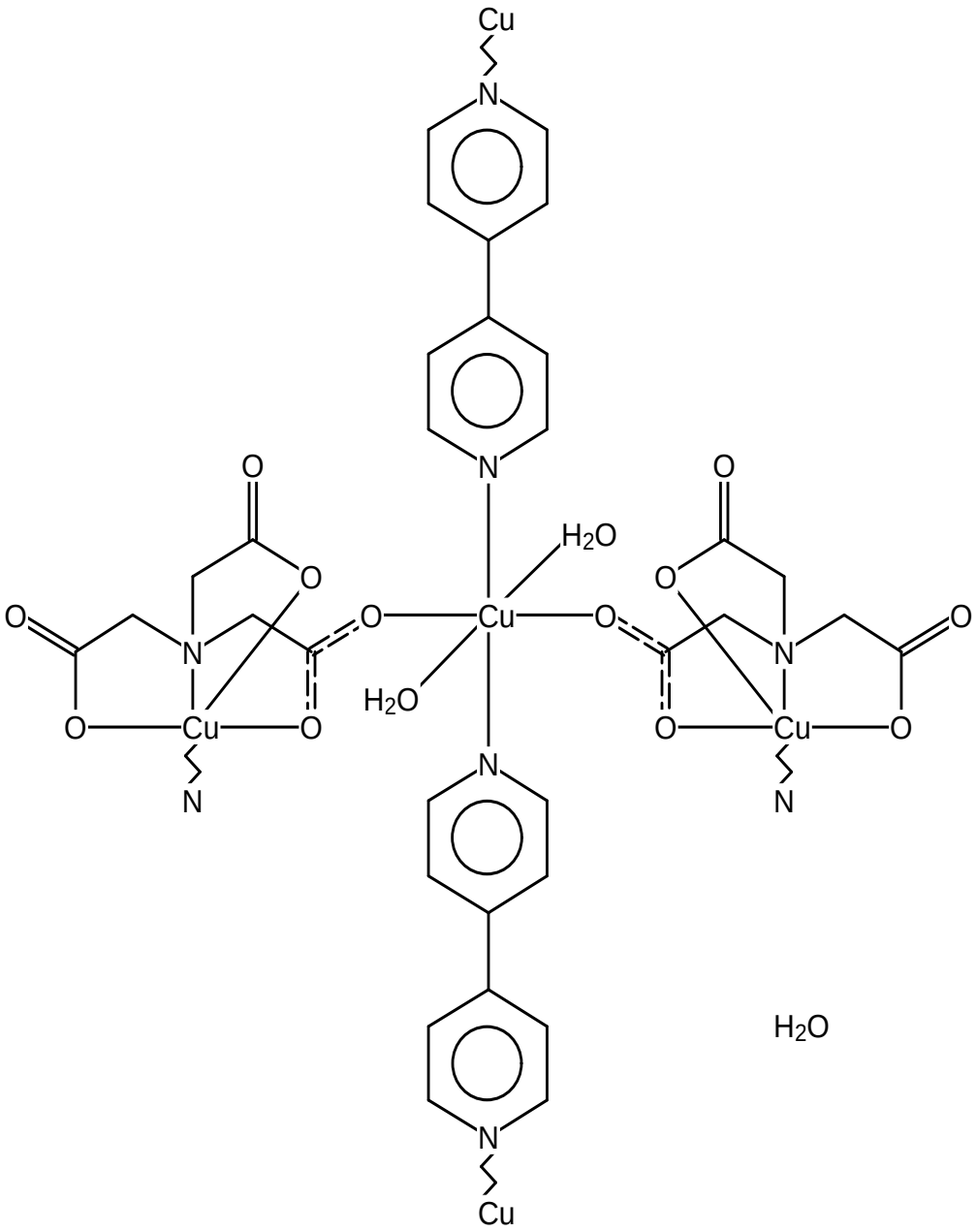
Reference: Quanming Wang, Xintao Wu, Wenjian Zhang, Tianlu Sheng, Ping Lin, Jianmin Li (1999) *Inorg.Chem.* ,**38,**2223

Formula: $(C_{32}\ H_{32}\ Cu_3\ N_6\ O_{14})n,9n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4-Bipyridyl)-bis(μ_2-nitrilotriacetato)-diaqua-tri-copper(ii) nonahydrate)

Space Group:	P21/n	***Cell:***	***a*** 12.564(3)	***b*** 11.628(4)	***c*** 15.235(7)
Space Group No.:	14	***(Å,°)***	α 90.00	β 93.64(3)	γ 90.00

R-Factor (%): 6.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.611


Cu
N
O
H2O
Cu
N
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 165

BECQEF

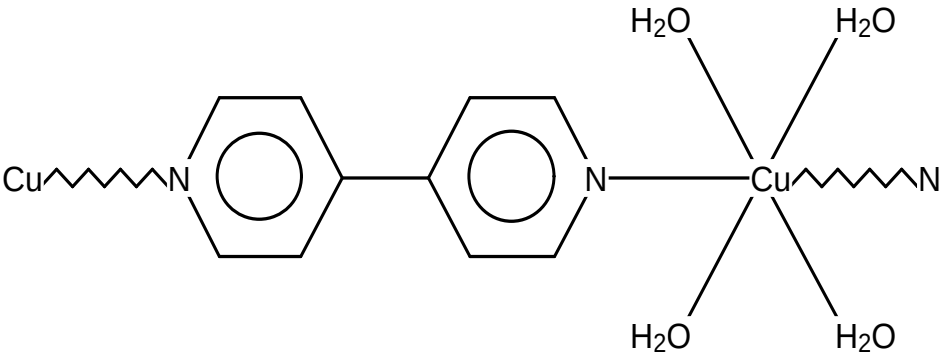
Reference: Quanming Wang, Xintao Wu, Wenjian Zhang, Tianlu Sheng, Ping Lin, Jianmin Li (1999) *Inorg.Chem.* ,**38,**2223

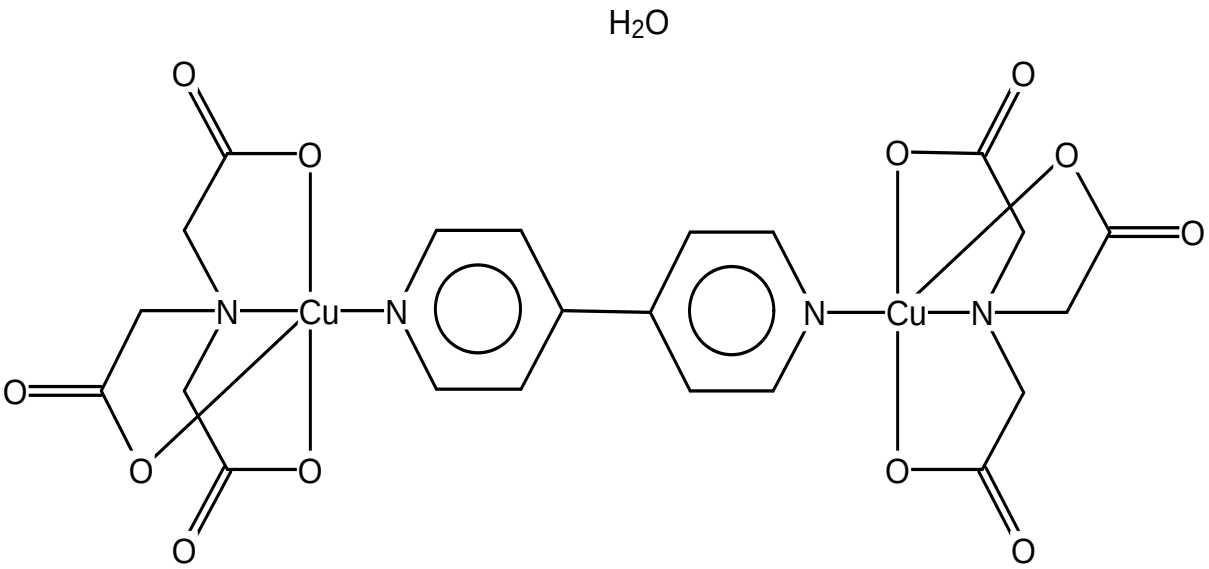
Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4)n,n(C_{22}\ H_{20}\ Cu_2\ N_4\ O_{12}),7n(H_2\ O_1)$

Compound Name: catena-(Tetra-aqua-(μ_2-4,4'-bipyridyl)-copper(ii) (μ_2-4,4-bipyridyl)-bis(nitrilotriacetato)-di-copper(ii) heptahydrate)

Space Group:	P21/c	***Cell:***	***a***	16.806(0)	***b*** 23.766(0)	***c***	11.165(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.23(0)	γ	90.00

R-Factor (%): 6.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.642





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 166

BEGFEZ

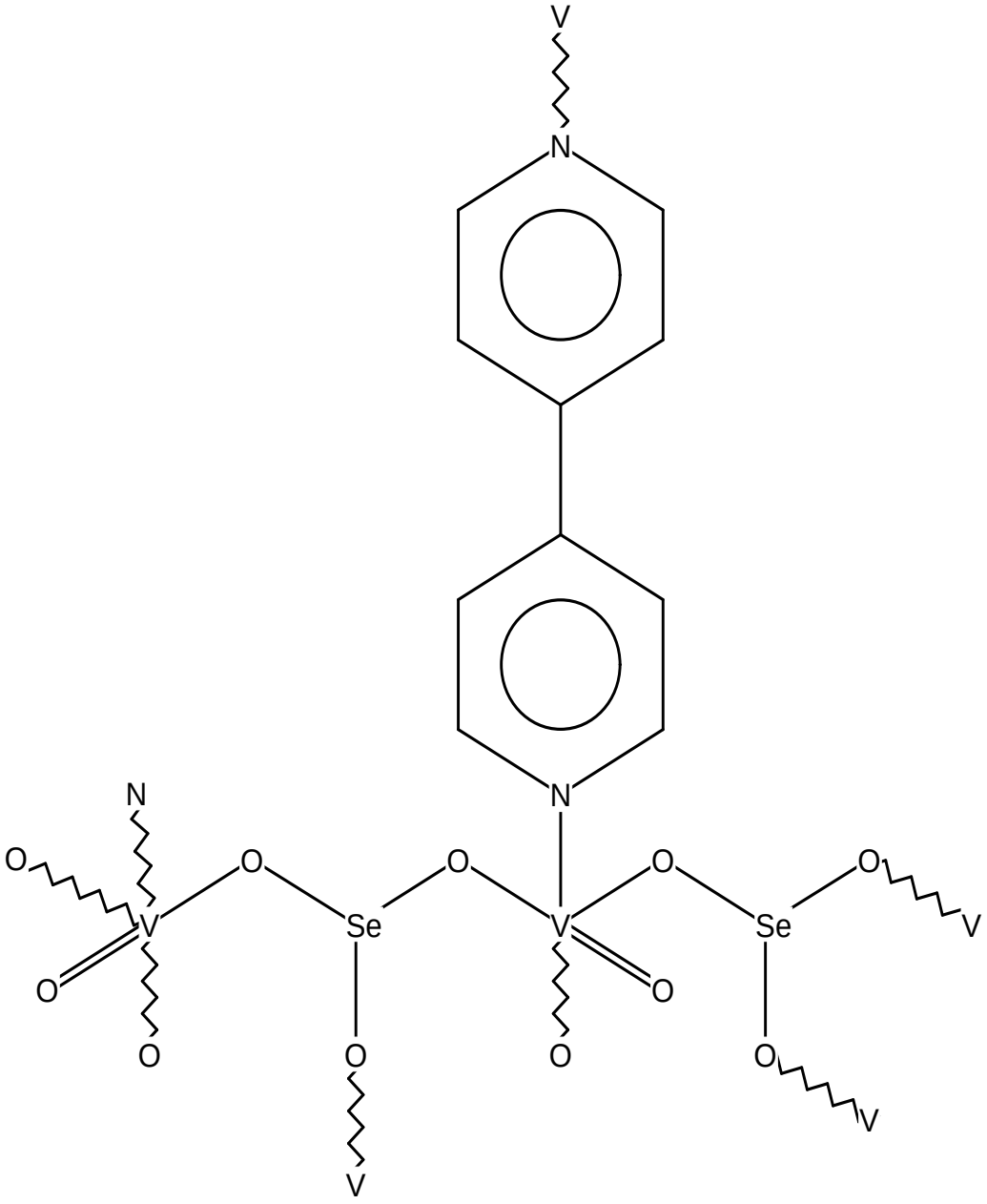
Reference: Zhimin Dai, Zhan Shi, Guanghua Li, Dong Zhang, Wensheng Fu, Haiying Jin, Wei Xu, Shouhua Feng (2003) *Inorg.Chem. ,***42,**7396

Formula: $(C_{10}\ H_8\ N_2\ O_8\ Se_2\ V_2)n$

Compound Name: catena-[bis(μ_3-Selenito)-(μ_2-4,4'-bipyridyl)-dioxo-di-vanadium(iv)]

Space Group:	P-1	***Cell:***	***a***	7.181(1)	***b***	10.894(1)	***c*** 11.181(1)
Space Group No.:	2	***(Å,°)***	α	115.46(0)	β	107.58(0)	γ 91.96(0)

R-Factor (%): 2.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.444



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 167

BEGFID

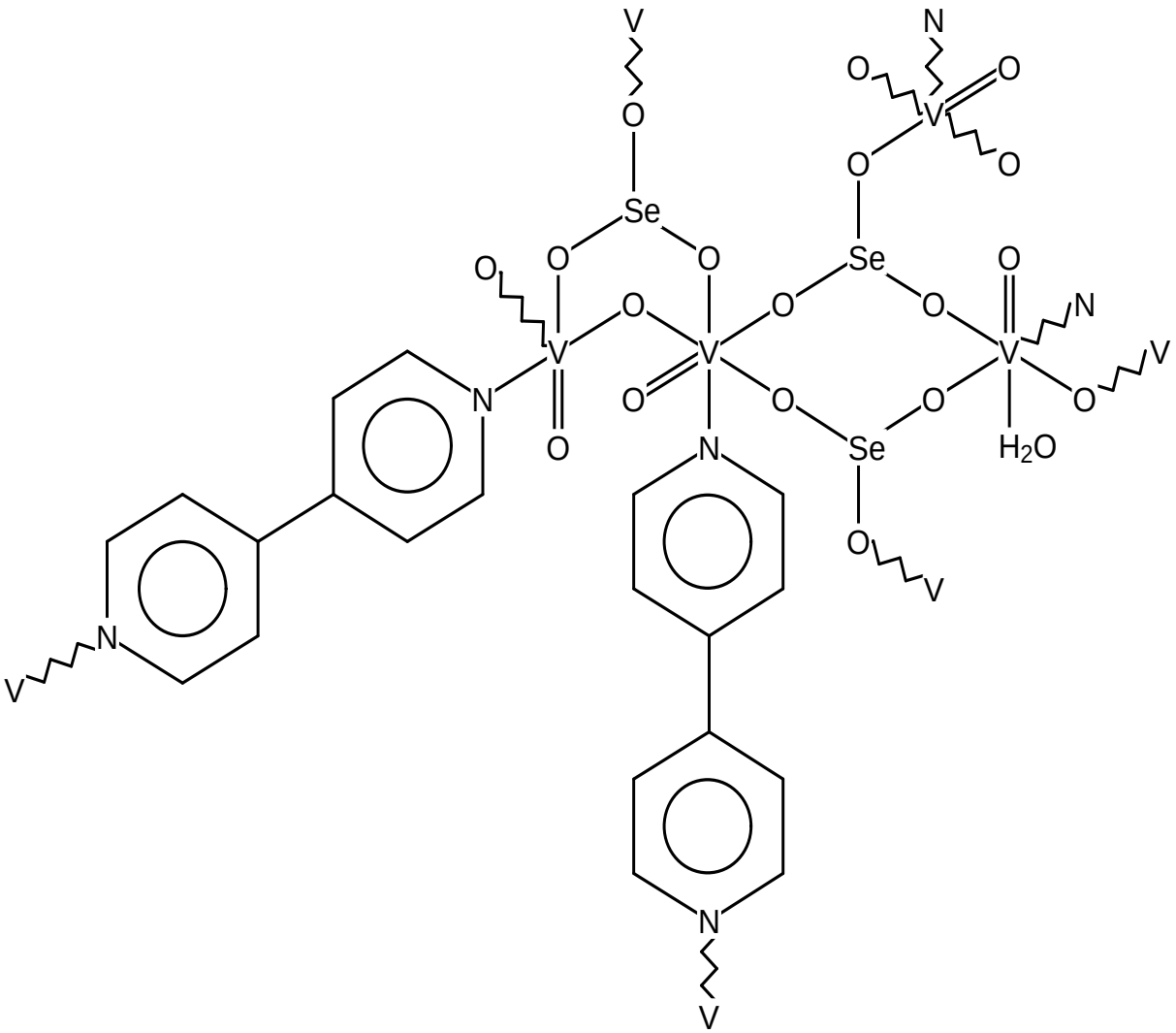
Reference: Zhimin Dai, Zhan Shi, Guanghua Li, Dong Zhang, Wensheng Fu, Haiying Jin, Wei Xu, Shouhua Feng (2003) *Inorg.Chem. ,***42,**7396

Formula: $(C_{20}\ H_{18}\ N_4\ O_{16}\ Se_3\ V_4)n$

Compound Name: catena-[tris(μ_3-Selenito)-bis(μ_2-4,4'-bipyridyl)-bis(μ_2-oxo)-aqua-tetraoxo-tetra-vanadium(iv,v)]

Space Group:	Pc	***Cell:***	***a***	7.989(0)	***b***	7.845(0)	***c*** 23.048(3)
Space Group No.:	7	***(Å,°)***	α	90.00	β	99.39(0)	γ 90.00

R-Factor (%): 2.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.356


V
O
Se
O
O
O
V
O
O
O
V
O
O
O
V
O
O
O
V
O
O
O
Se
O
O
O
Se
O
O
O
V
O
O
O
V
O
O
O
V
O
O
O
V

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 168

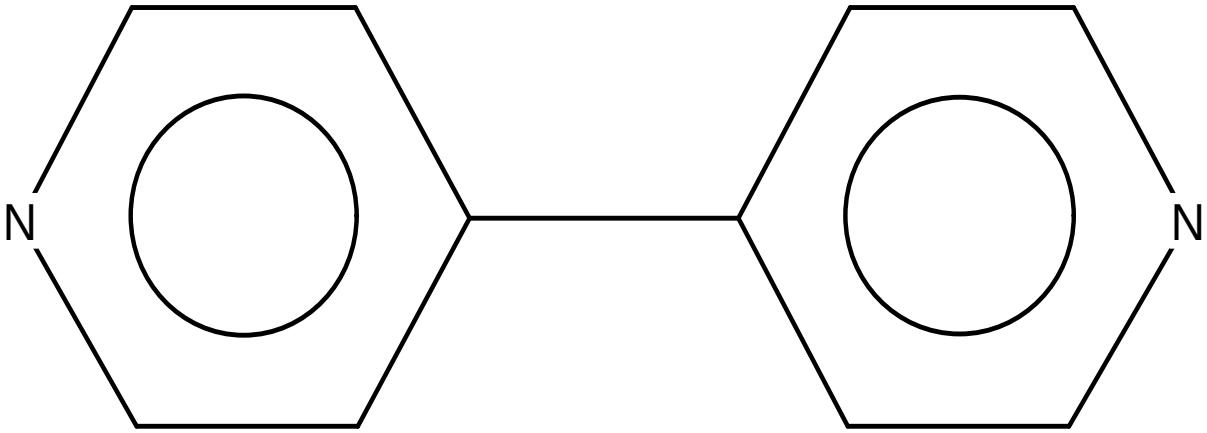
BEJDOJ

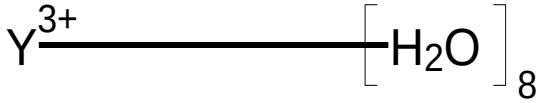
Reference: M.Bukowska-Strzyzewska, A.Tosik (1982)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***38,**950

Formula: $2(C_{10}\ H_8\ N_2),H_{16}\ O_8\ Y_1^{3+},3(Cl_1^{1-})$

Compound Name: bis(4,4'-Bipyridyl) octa-aqua-yttrium(iii) trichloride clathrate

Space Group:	Pcc2	***Cell:***	***a***	8.883(2)	***b***	8.883(2)	***c*** 19.231(4)
Space Group No.:	27	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	6.80	***Temperature(K):***	295		***Density(g/cm^3):***	1.426	





Cl^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 169

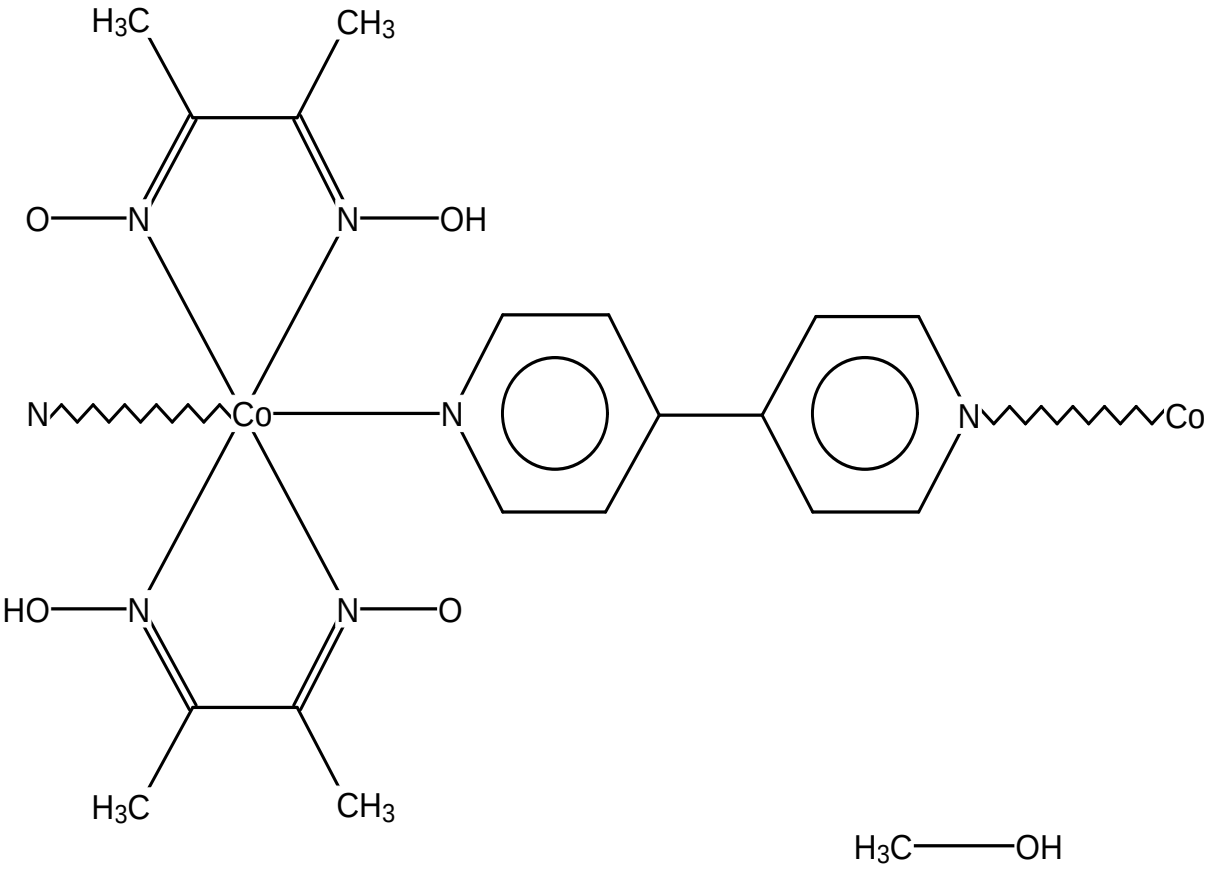
BELNEL

Reference: F.Kubel, J.Strahle (1982) *Z.Naturforsch.,B:Chem.Sci.* ,**37,** 272

Formula: $(C_{18}\ H_{22}\ Co_1\ N_6\ O_4)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(dimethylglyoximato)-cobalt(ii)) methanol solvate

Space Group:	P-1	***Cell:***	***a***	8.033(1)	***b***	8.942(1)	***c*** 8.958(2)
Space Group No.:	2	***(Å,°)***	α	98.05(1)	β	91.61(1)	γ 115.47(1)
R-Factor (%):	6.92	***Temperature(K):***	295		***Density(g/cm^3):***		1.385



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 170

BETDUA

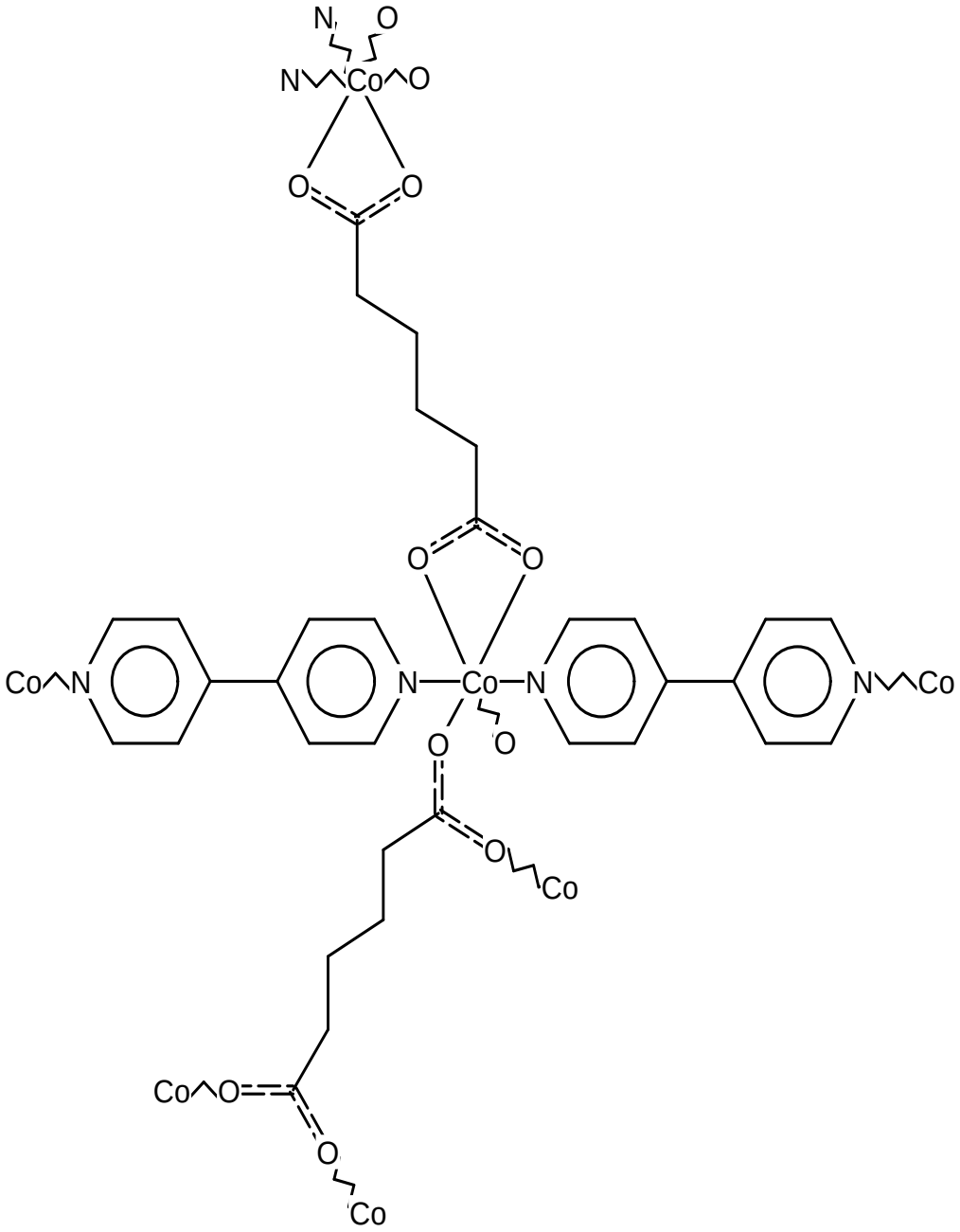
Reference: Na Hao, Enhong Shen, Yangguang Li, Enbo Wang, Changwen Hu, Lin Xu (2004) *Inorg.Chem.Commun.* ,**7,**510

Formula: $(C_{32}\ H_{32}\ Co_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-Adipato)-(μ_2-adipato)-bis(4,4'-bipyridyl)-di-cobalt)

Space Group:	P-1	***Cell:***	***a***	8.574(1)	***b***	8.856(1)	***c*** 10.775(2)
Space Group No.:	2	***(Å,°)***	α	109.43(3)	β	95.20(3)	γ 102.70(3)

R-Factor (%): 4.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.611



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 171

BETHAK

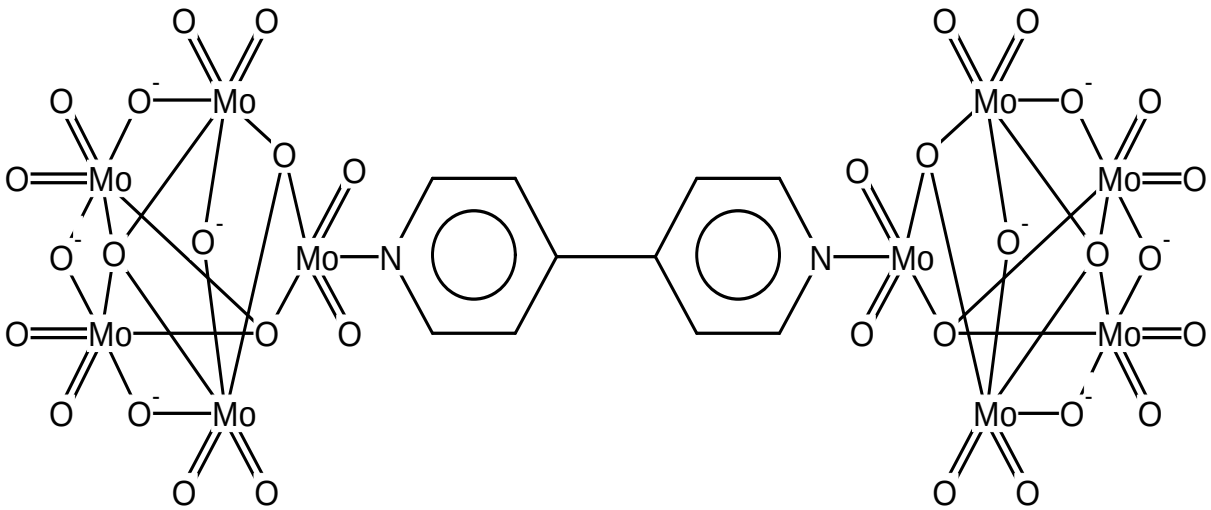
Reference: Jingyang Niu, Ziliang Wang, Jingping Wang (2004)
Inorg.Chem.Commun. ,**7,**556

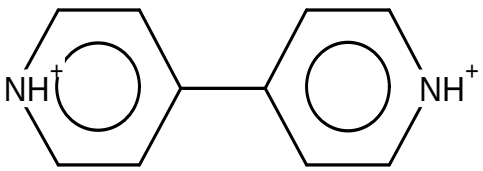
Formula: $3(C_{10}H_{10}N_2^{2+}),2(C_{10}H_9N_2^{1+}),C_{10}H_8Mo_{10}N_2O_{34}^{8-}$

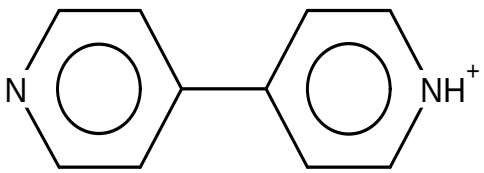
Compound Name: tris(dihydrogen-4,4'-bipyridine) bis(hydrogen-4,4'-bipyridine) (μ_2-4,4'-bipyridine)-bis((μ_4-oxo)-bis(μ_3-oxo)-tetrakis(μ_2-oxo)-decaoxo-penta-molybdenum)

Space Group:	P-1	***Cell:***	***a***	10.578(2)	***b***	11.047(2)	***c***	16.576(3)
Space Group No.:	2	***(Å,°)***	α	79.86(3)	β	75.34(3)	γ	79.40(3)

R-Factor (%): 2.55 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.228







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 172

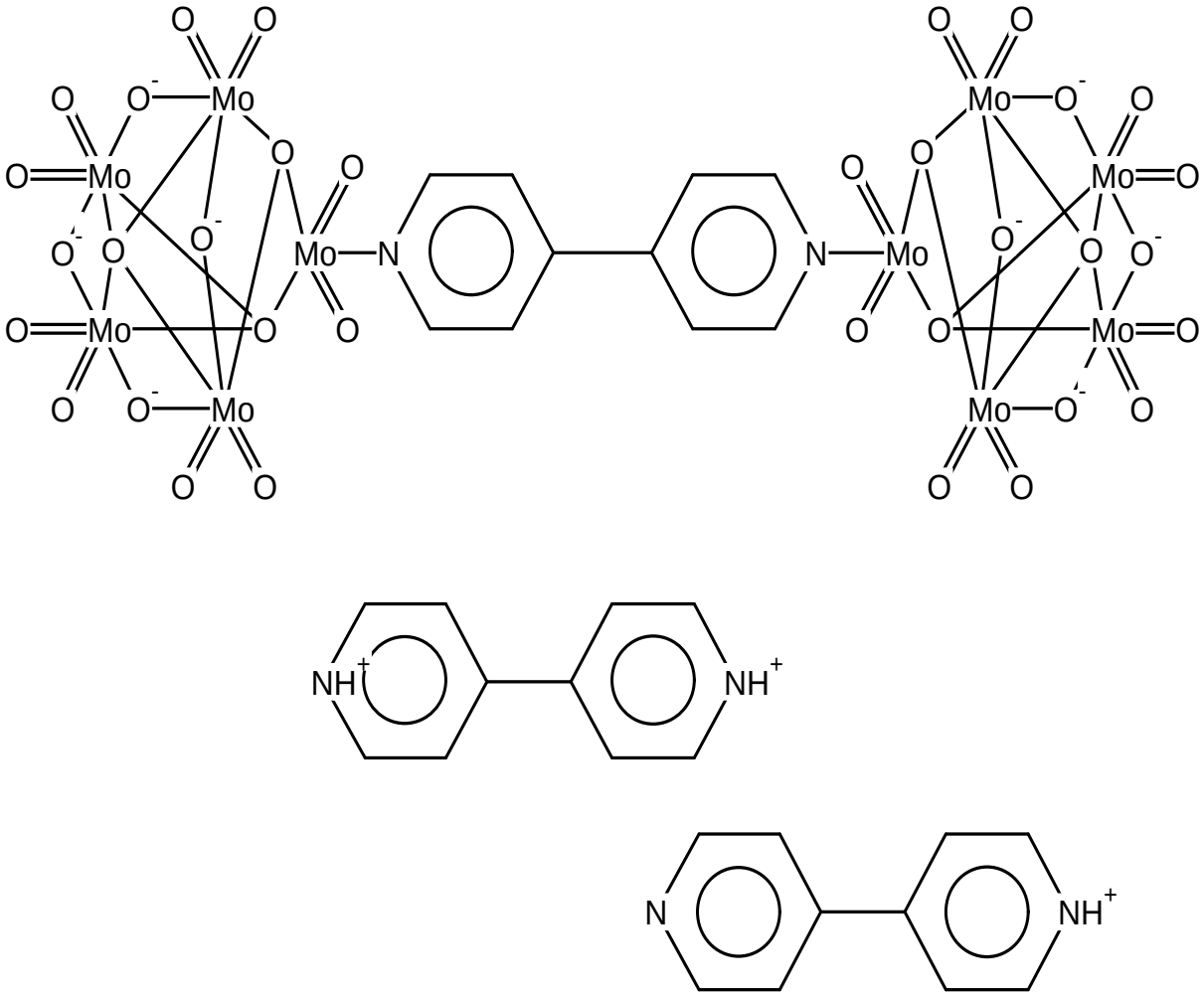
BETHAK01

Reference: Zi-Liang Wang, Lin-Heng Wei, Jing-Ping Wang (2005)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**24,**991

Formula: $3(C_{10}H_{10}N_2^{2+}),2(C_{10}H_9N_2^{1+}),C_{10}H_8Mo_{10}N_2O_{34}^{8-}$

Compound Name: tris(4,4'-Bipyridinium) bis(4-(4-pyridyl)pyridinium) (μ_2-4,4'-bipyridine)-bis((μ_4-oxo)-bis(μ_3-oxo)-tetrakis(μ_2-oxo)-decaoxo-penta-molybdenum)

Space Group:	P-1	***Cell:***	***a***	10.578(2)	***b***	11.047(2)	***c***	16.576(3)
Space Group No.:	2	***(Å,°)***	α	79.86(3)	β	75.34(3)	γ	79.40(3)
R-Factor (%):	2.55	***Temperature(K):***	293		***Density(g/cm^3):***		2.228	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 173

BEVKOD

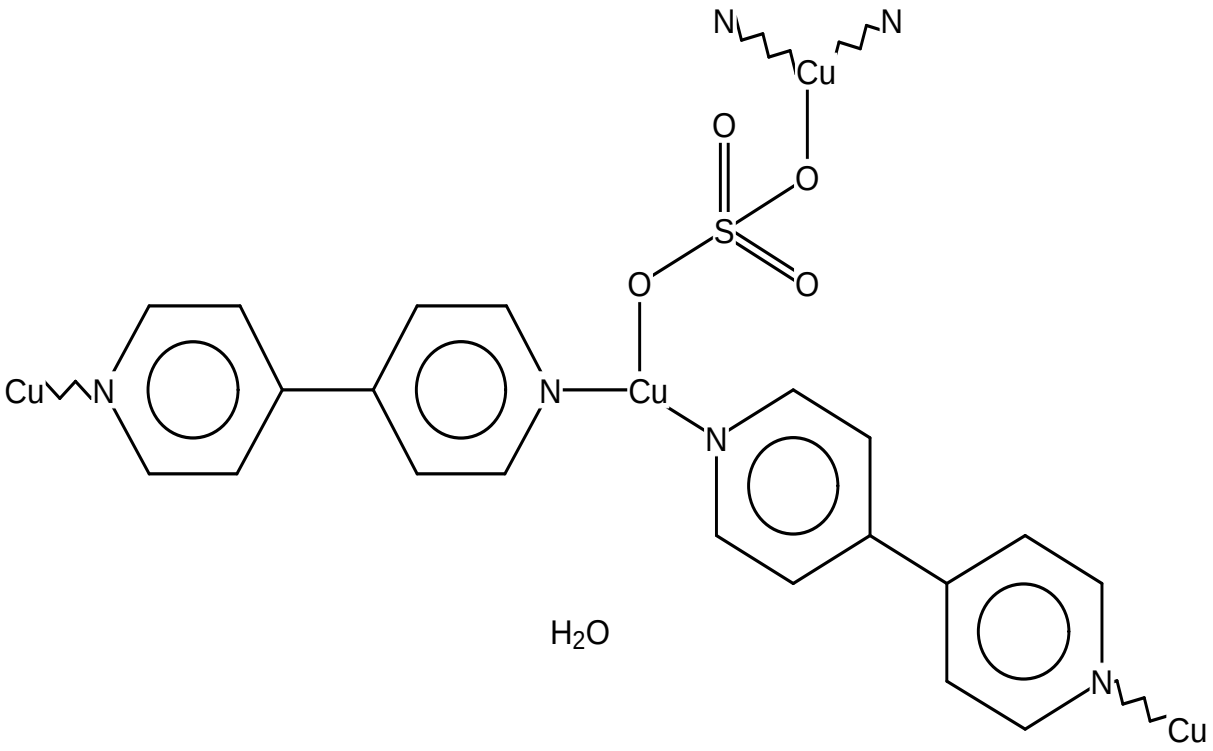
Reference: Xian-Ming Zhang, Rui-Qin Fang, Hai-Shun Wu, S.W.Ng (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***60,**m990

Formula: $(C_{20}\ H_{16}\ Cu_2\ N_4\ O_4\ S_1)n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-sulfato)-di-copper(i) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	10.825(1)	***b*** 17.316(1)	***c***	14.428(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.91(0)	γ	90.00

R-Factor (%): 6.60 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.587



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 174

BEXDOY

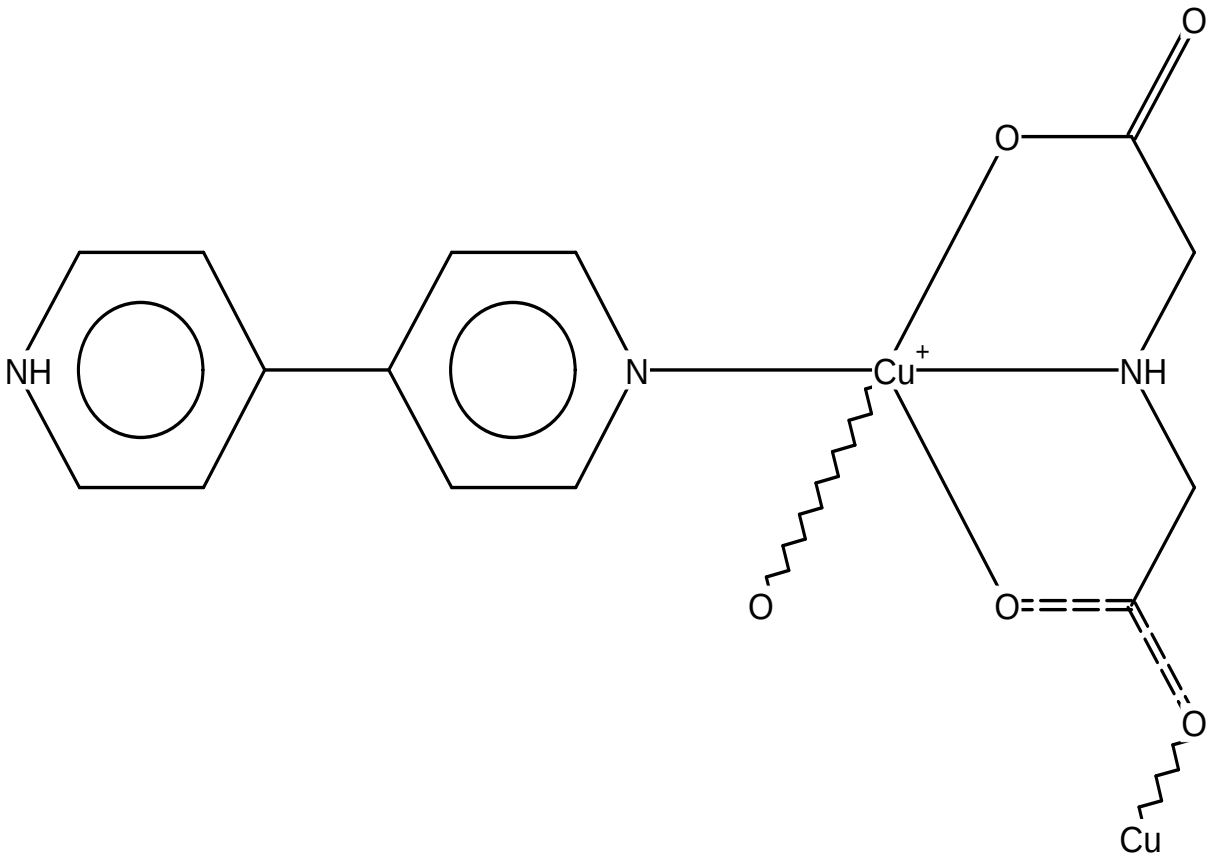
Reference: S.Mukhopadhyay, P.B.Chatterjee, D.Mandal, G.Mostafa, A.Caneschi, J.van Slageren, T.J.R.Weakley, M.Chaudhury (2004) *Inorg.Chem. ,***43,**3413

Formula: $(C_{14}\ H_{14}\ Cu_1\ N_3\ O_4\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-Iminodiacetato)-(4,4'-bipyridine)-copper(ii) perchlorate)

Space Group:	Pna21	***Cell:***	***a***	13.896(1)	***b***	16.336(1)	***c***	7.334(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.80 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.800



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 175

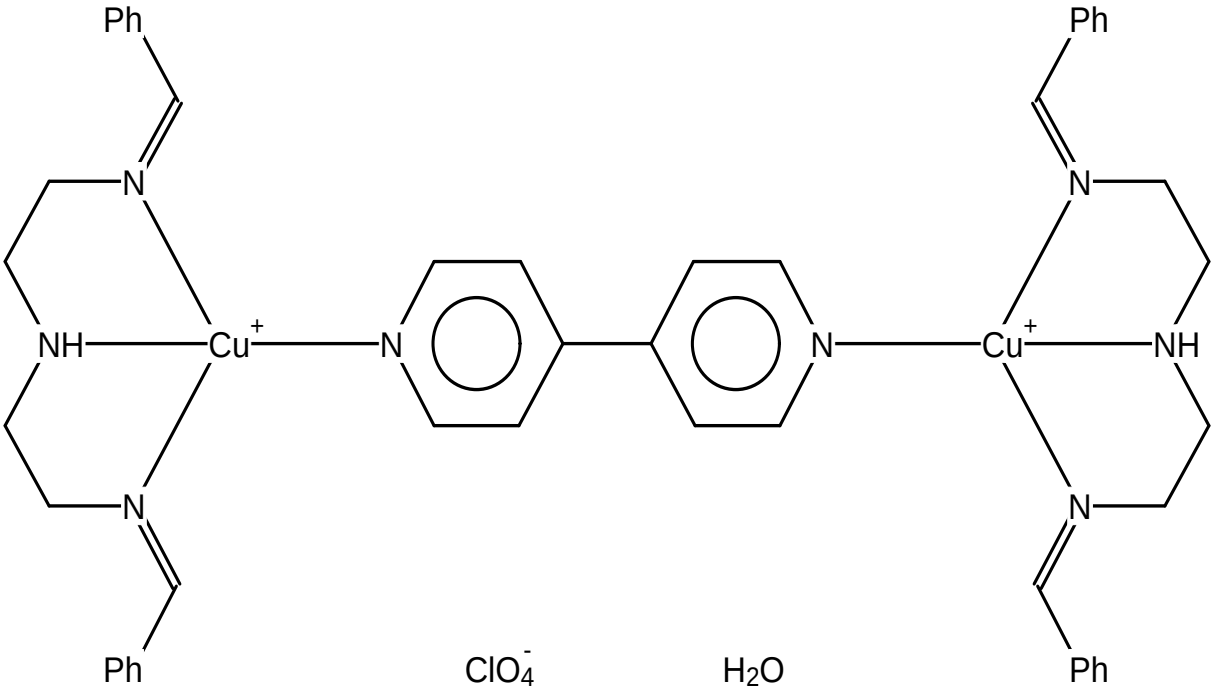
BIBQOT

Reference: D.A.Tocher, M.G.B.Drew, S.Chowdhury, P.Purkayastha, D.Datta (2003)
Indian J.Chem.,Sect.A:Inorg.,Bio-inorg.,Phys.,Theor.Anal.Chem. ,**42,** 484

Formula: $C_{46}\ H_{50}\ Cu_2\ N_8\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$),0.5($H_2\ O_1$)

Compound Name: (μ_2-4,4'-bipyridyl)-bis(bis((benzylideneamino)ethyl)amine)-di-copper(i) diperchlorate hemihydrate

Space Group:	C2/c	***Cell:***	***a***	17.060(30)	***b***	16.080(30)	***c***	17.840(30)
Space Group No.:	15	***(Å,°)***	α	90.00	β	102.64(1)	γ	90.00
R-Factor (%):	7.16	***Temperature(K):***	293		***Density(g/cm^3):***	1.460		



Search: search1 (Thu May 26 10:05:42 2011): Hit 176

BICHEB

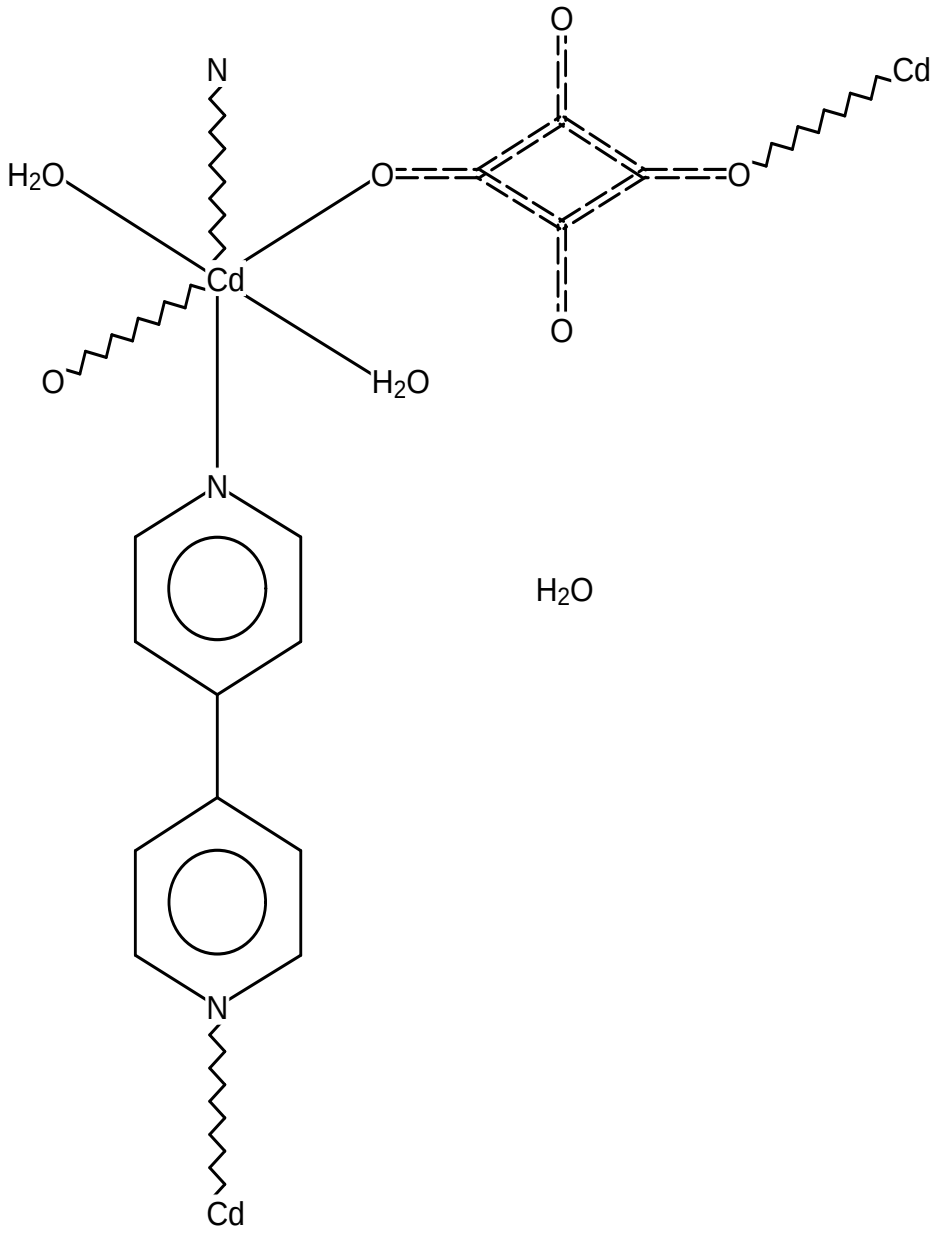
Reference: Chih-Chieh Wang, Cheng-Han Yang, Shih-Min Tseng, Gene-Hsiang Lee, Hwo-Shuenn Sheu, KhinWin Phyu (2004) *Inorg.Chim.Acta ,***357,**3759

Formula: $(C_{14}\ H_{12}\ Cd_1\ N_2\ O_6)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-(μ_2-squarato-O,O'')-diaqua-cadmium(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	20.488(0)	***b***	11.684(0)	***c*** 8.312(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	112.86(0)	γ 90.00

R-Factor (%): 2.11 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.705



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 177

BICMOP

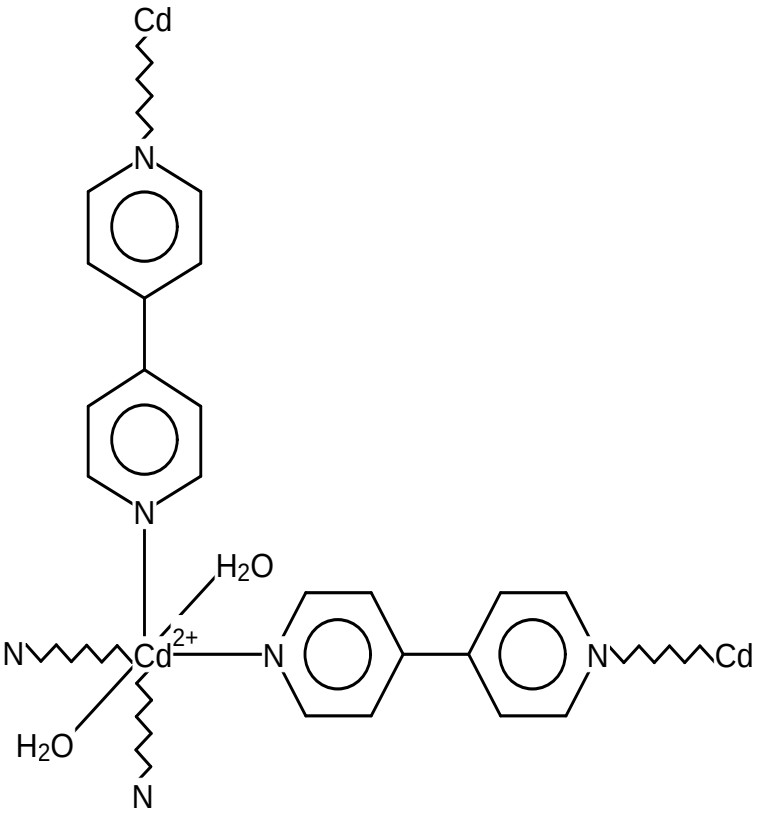
Reference: Cai-Ming Liu, Ren-Gen Xiong, Xiao-Zeng You, Wei Chen (1998) *Acta Chem.Scand. ,***52,**1353

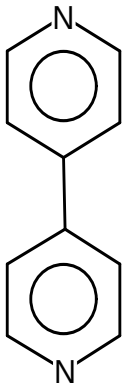
Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,1.5n(C_{10}\ H_8\ N_2),n(C_6\ H_4\ Cl_1\ N_1\ O_3),2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

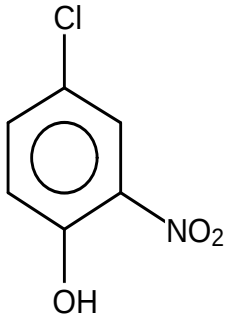
Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-aqua)-cadmium diperchlorate 4,4-bipyridyl 4-chloro-2-nitrophenol clathrate monohydrate)

Space Group:	P2	***Cell:***	***a***	11.737(0)	***b***	11.781(0)	***c*** 16.851(1)
Space Group No.:	3	***(Å,°)***	α	90.00	β	92.39(0)	γ 90.00

R-Factor (%): 3.51 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.549







ClO_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 178

BICVEP

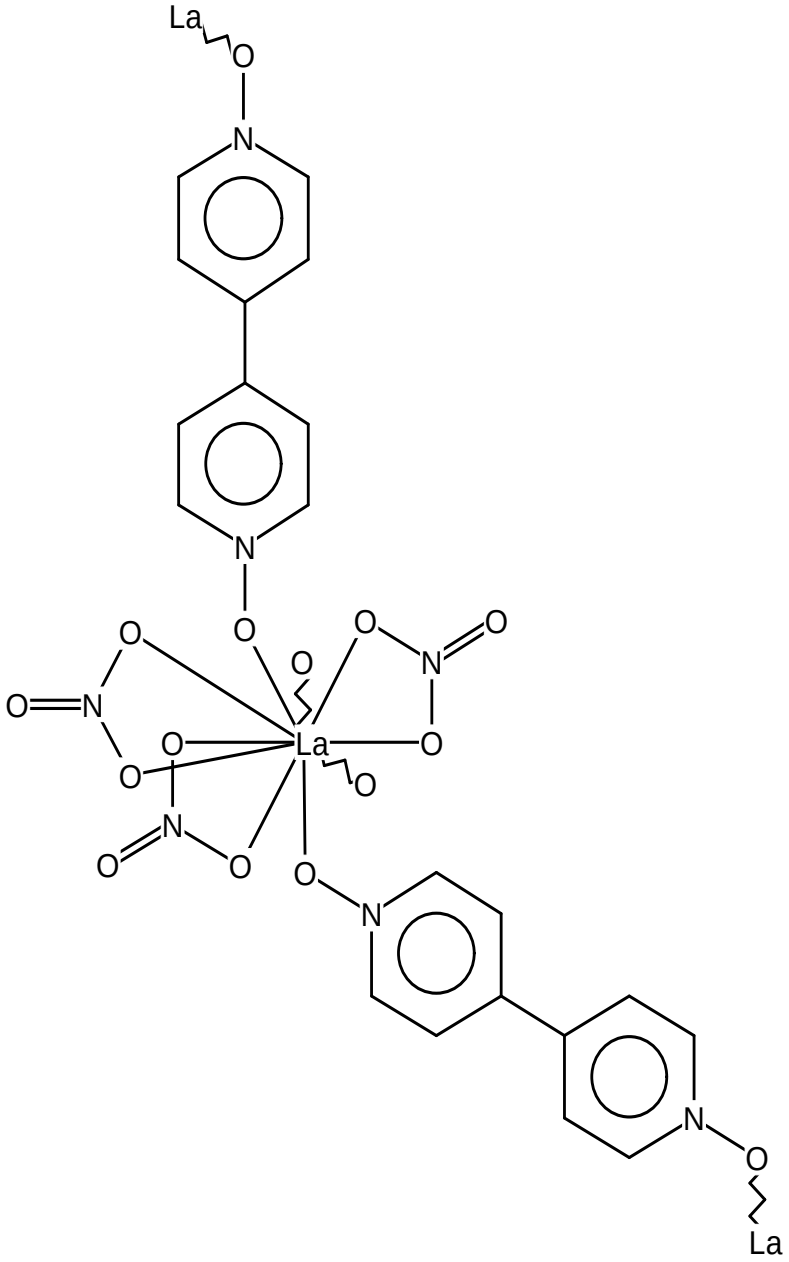
Reference: R.J.Hill, De-Liang Long, M.S.Turvey, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2004) *Chem.Commun.* ,1792

Formula: $(C_{20}\ H_{16}\ La_1\ N_7\ O_{13})n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N'-dioxide)-tris(nitrato)-lanthanum(iii))

Space Group:	C2/c	***Cell:***	***a***	27.008(8)	***b*** 13.389(4)	***c***	13.982(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.29(2)	γ	90.00

R-Factor (%): 2.92 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.920



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 179

BICVIT

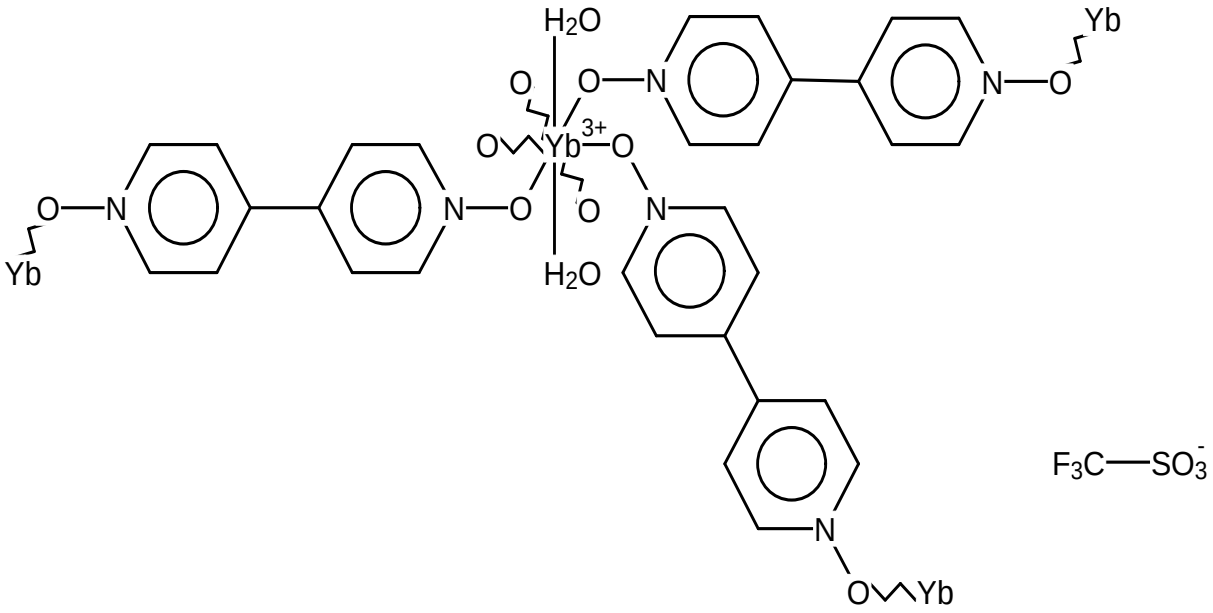
Reference: R.J.Hill, De-Liang Long, M.S.Turvey, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2004) *Chem.Commun.* ,1792

Formula: $(C_{30}\ H_{28}\ N_6\ O_8\ Yb_1\ ^{3+})n,3n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxide)-diaqua-ytterbium(iii) tris(trifluoromethanesulfonate))

Space Group:	Pcca	***Cell:***	***a***	16.794(3)	***b***	13.764(3)	***c*** 20.044(4)
Space Group No.:	54	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 9.65 ***Temperature(K):*** 150 ***Density(g/cm3):*** 1.750



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 180

BICVOZ

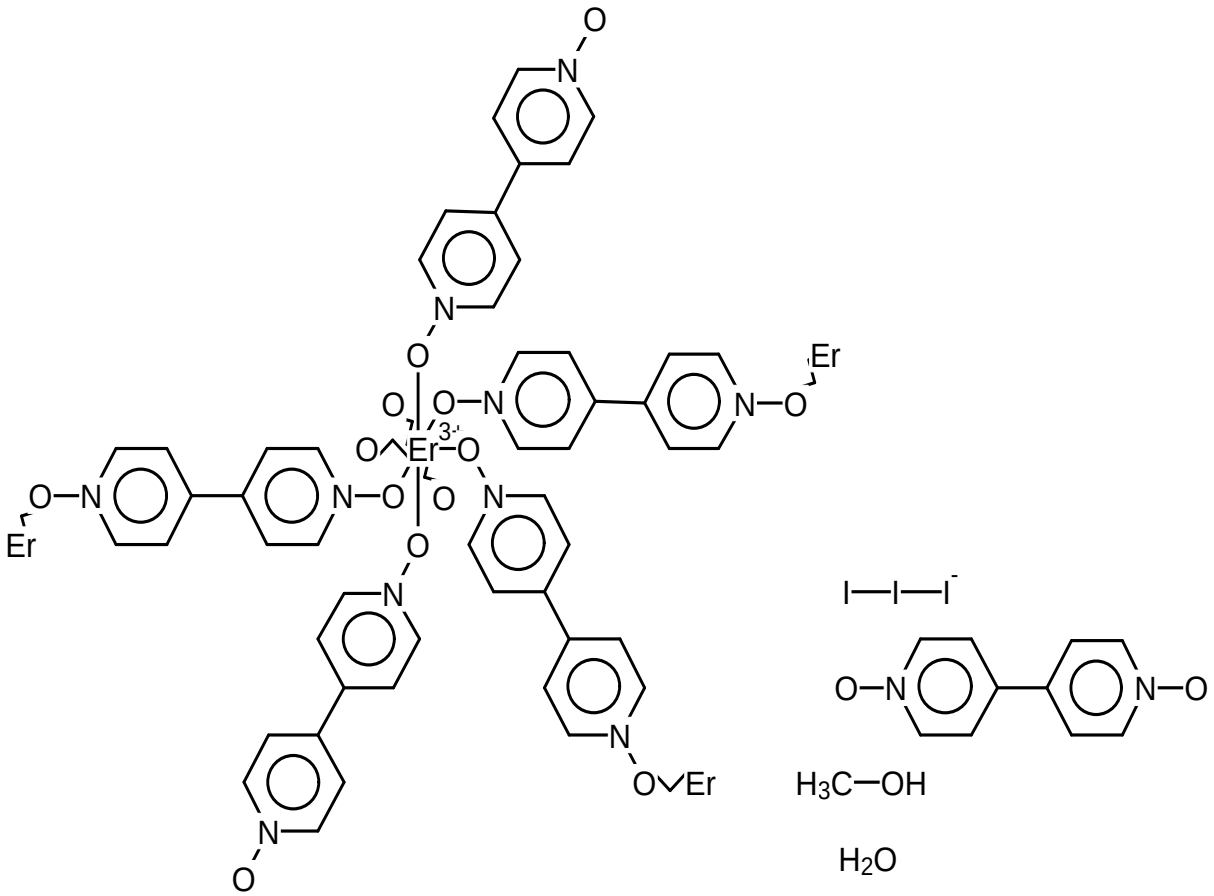
Reference: R.J.Hill, De-Liang Long, M.S.Turvey, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2004) *Chem.Commun.* ,1792

Formula: $(C_{50}\ H_{40}\ Er_1\ N_{10}\ O_{10}\ ^{3+})n,3n(I_3\ ^{1-}),0.5n(C_{10}\ H_8\ N_2\ O_2),n(C_1\ H_4\ O_1),0.5n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxide)-bis(4,4'-bipyridine-N,N'-dioxide)-erbium(iii) tris(triiodide) 4,4'-bipyridine-N,N'-dioxide methanol solvate hemihydrate)

Space Group:	Pbcn	***Cell:***	***a***	43.203(8)	***b***	19.245(4)	***c*** 17.168(3)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.88 ***Temperature(K):*** 150 ***Density(g/cm3):*** 2.220



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 181

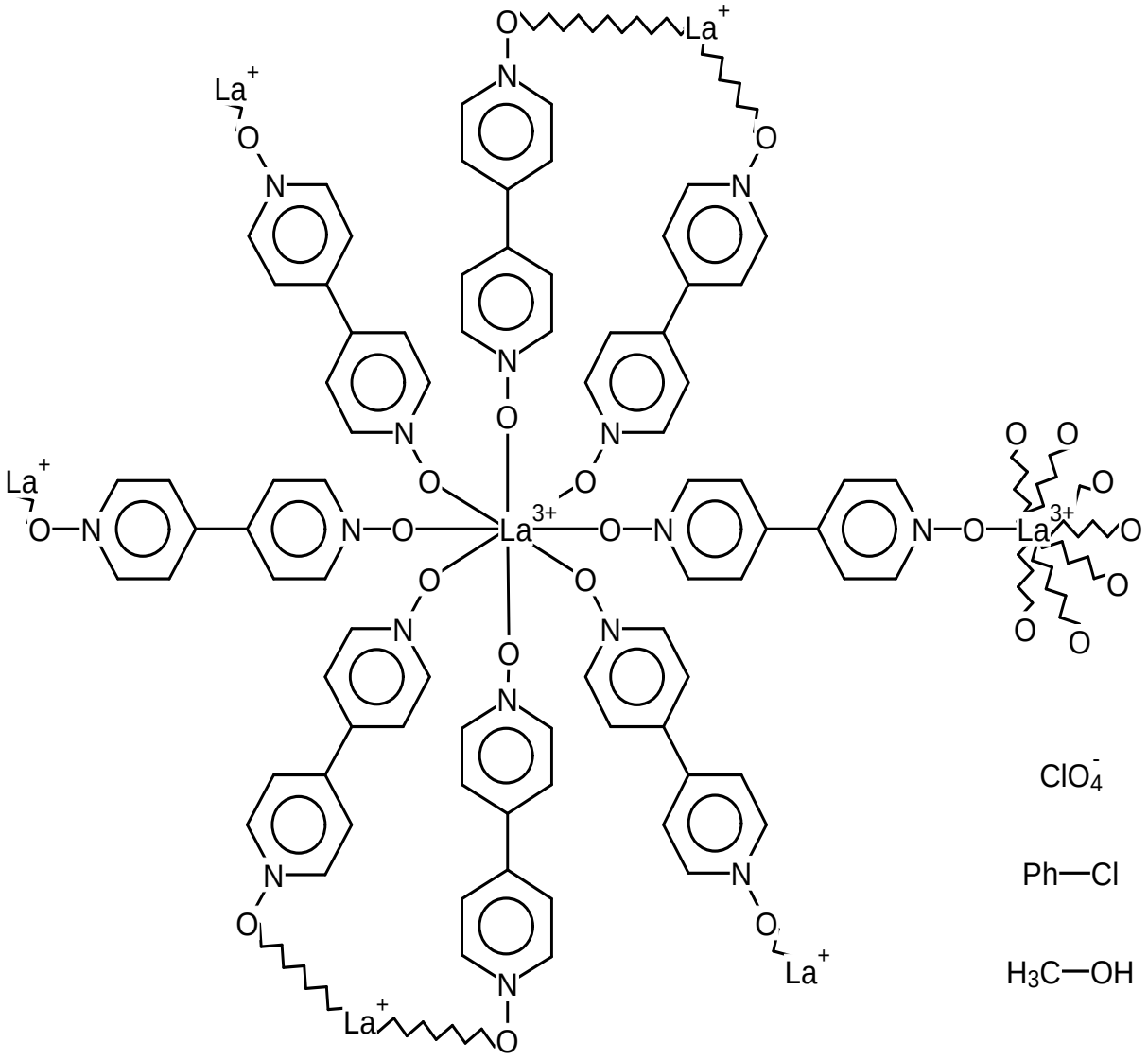
BICVUF

Reference: R.J.Hill, De-Liang Long, M.S.Turvey, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2004) *Chem.Commun.* ,1792

Formula: $(C_{80}\ H_{64}\ La_2\ N_{16}\ O_{16}\ ^{6+})n,6n(Cl_1\ O_4\ ^{1-}),2n(C_6\ H_5\ Cl_1),2n(C_1\ H_4\ O_1)$

Compound Name: catena-(octakis(μ_2-4,4'-Bipyridin-N,N'-dioxide)-di-lanthanum hexaperchlorate chlorobenzene methanol solvate)

Space Group:	P21/n	***Cell:***	***a***	16.685(0)	***b***	19.875(0)	***c*** 32.669(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.66(0)	γ 90.00
R-Factor (%):	5.85	***Temperature(K):***	150		***Density(g/cm3):***		1.665



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 182

BICWAM

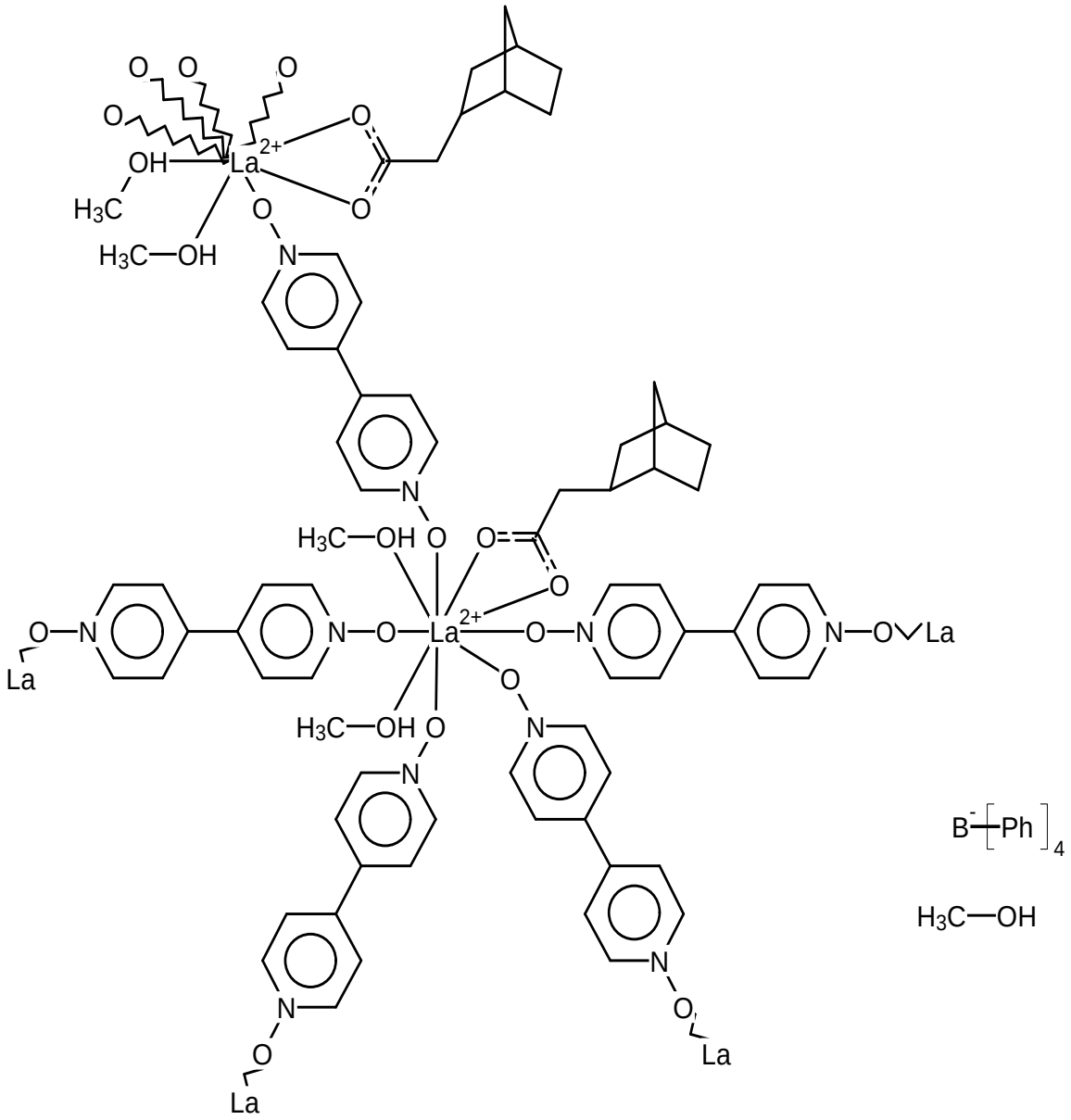
Reference: R.J.Hill, De-Liang Long, M.S.Turvey, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2004) *Chem.Commun.* ,1792

Formula: $(C_{72}\ H_{82}\ La_2\ N_{10}\ O_{18}\ ^{4+})n,4n(C_{24}\ H_{20}\ B_1\ ^{1-}),5.4n(C_1\ H_4\ O_1)$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine-N,N'-dioxide)-bis(2-norbornane acetato)-tetrakis(methanol)-di-lanthanum tetrakis(tetraphenylborate) methanol solvate)

Space Group:	C2/c	***Cell:***	***a***	49.269(7)	***b***	17.698(3)	***c*** 18.718(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	105.95(0)	γ 90.00

R-Factor (%): 6.80 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.313



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 183

BICWUG

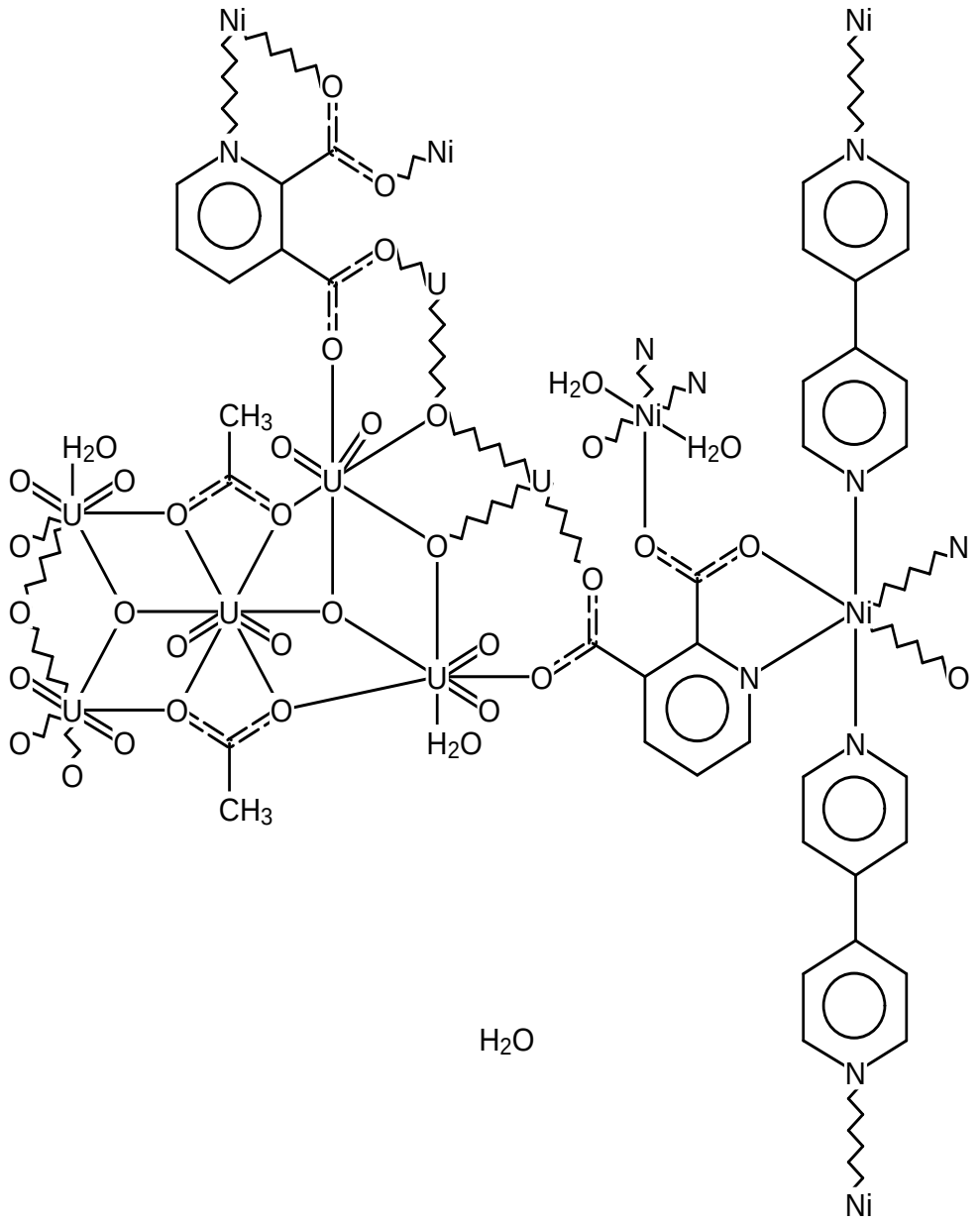
Reference: Zhen-Tao Yu, Zuo-Lei Liao, Yu-Sheng Jiang, Guang-Hua Li, Guo-Dong Li, Jie-Sheng Chen (2004) *Chem.Commun.* , 1814

Formula: $(C_{38}\ H_{36}\ N_6\ Ni_2\ O_{30}\ U_5)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Quinolinato)-bis(μ_3-acetato)-tetrakis(μ_2-oxo)-bis(μ_2-4,4'-bipyridine)-tetraaqua-decaoxa-di-nickel-penta-uranium dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.547(0)	***b***	10.878(0)	***c*** 13.474(0)
Space Group No.:	2	***(Å,°)***	α	89.15(0)	β	74.07(0)	γ 80.11(0)

R-Factor (%): 3.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.723



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 184

BIDBEW

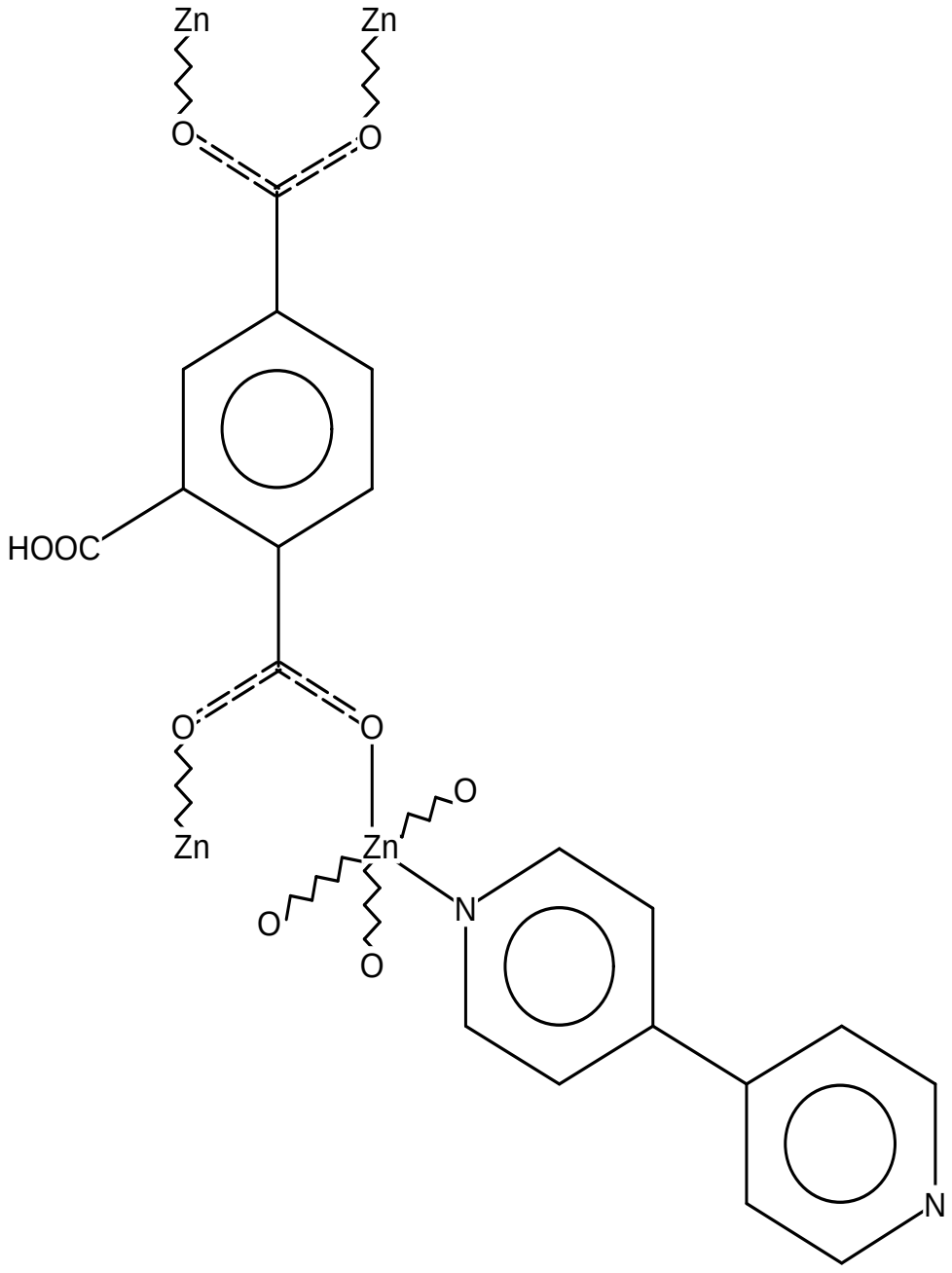
Reference: Chao Qin, Xinlong Wang, L.Carlucci, Mingliang Tong, Enbo Wang, Changwen Hu, Lin Xu (2004) *Chem.Commun.* ,1876

Formula: $(C_{19}\ H_{12}\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-($(\mu_4$-2-Carboxy-1,4-benzenedicarboxylato)-(4,4'-bipyridine)-zinc)

Space Group:	P21/n	***Cell:***	***a***	9.869(2)	***b*** 16.781(3)	***c***	11.299(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.02(3)	γ	90.00

R-Factor (%): 6.58 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.549



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 185

BIDBEW01

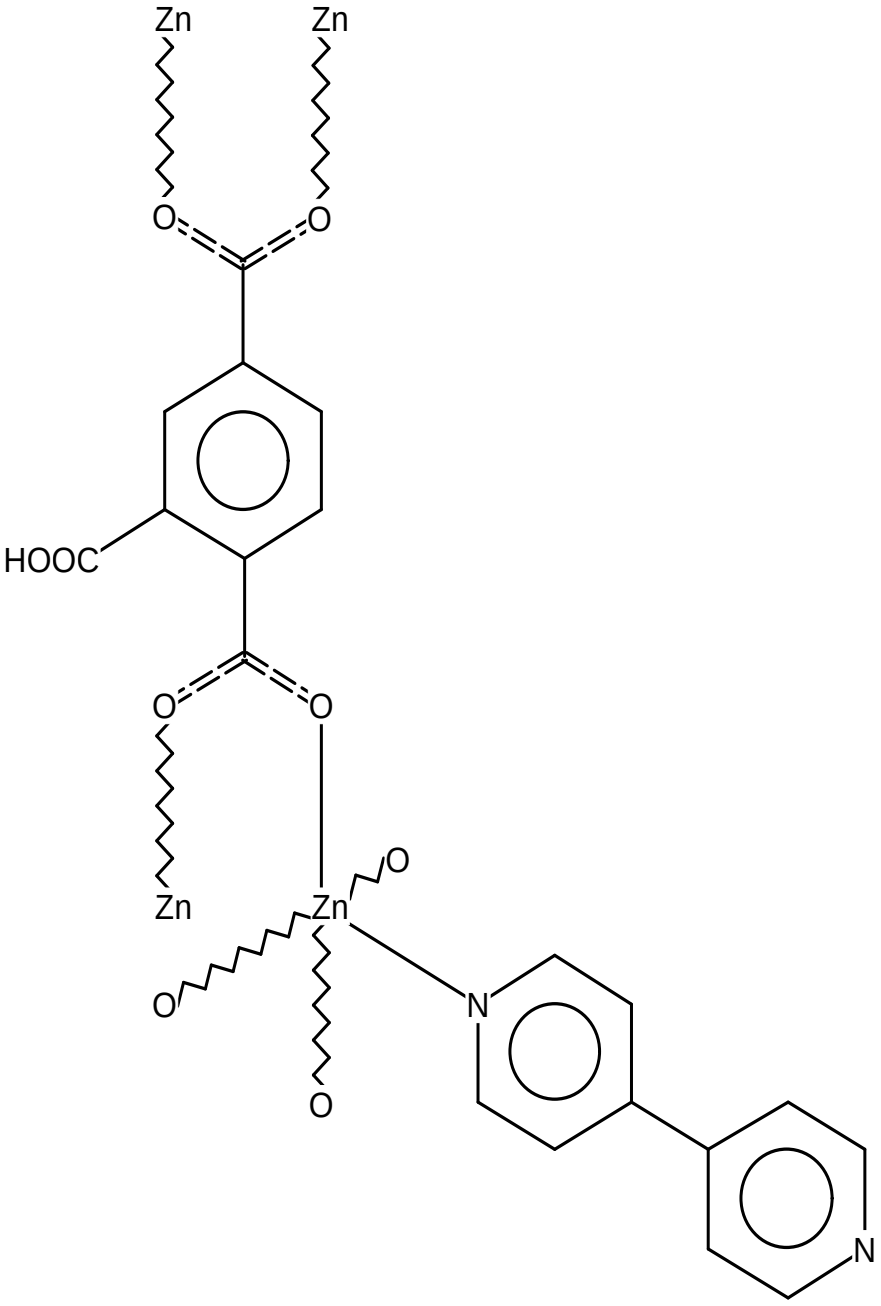
Reference: Jikun Li, Chunlin Ma, Guofang He, Linlin Qiu (2008)
J.Coord.Chem. ,**61,**251

Formula: $(C_{19}\ H_{12}\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-((μ_4-2-Carboxy-1,4-benzenedicarboxylato)-(4,4'-bipyridine)-zinc)

Space Group:	P21/n	***Cell:***	***a***	9.910(5)	***b***	16.796(8)	***c***	11.333(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.99(0)	γ	90.00

R-Factor (%): 4.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.536



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 186

BIFSUF

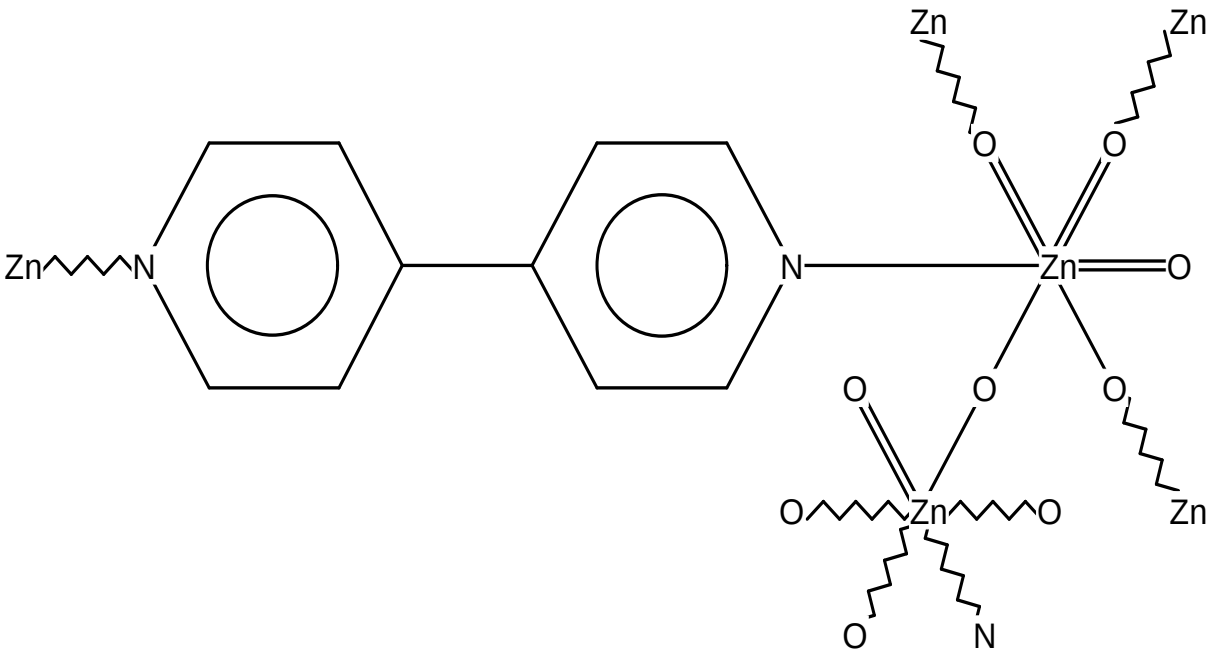
Reference: Chuan-Peng Cui, Jing-Cao Dai, Wen-Xin Du, Zhi-Yong Fu, Sheng-Min Hu, Li-Ming Wu, Xin-Tao Wu (2004) *Private Communication ,*

Formula: $(C_{10}\ H_8\ N_2\ O_6\ Zn_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-oxo)-dioxo-di-zinc]

Space Group:	C2	***Cell:***	***a***	7.447(4)	***b*** 7.460(5)	***c***	11.945(6)
Space Group No.:	5	***(Å,°)***	α	90.00	β 108.07(4)	γ	90.00

R-Factor (%): 4.35 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.016



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 187

BILCEF

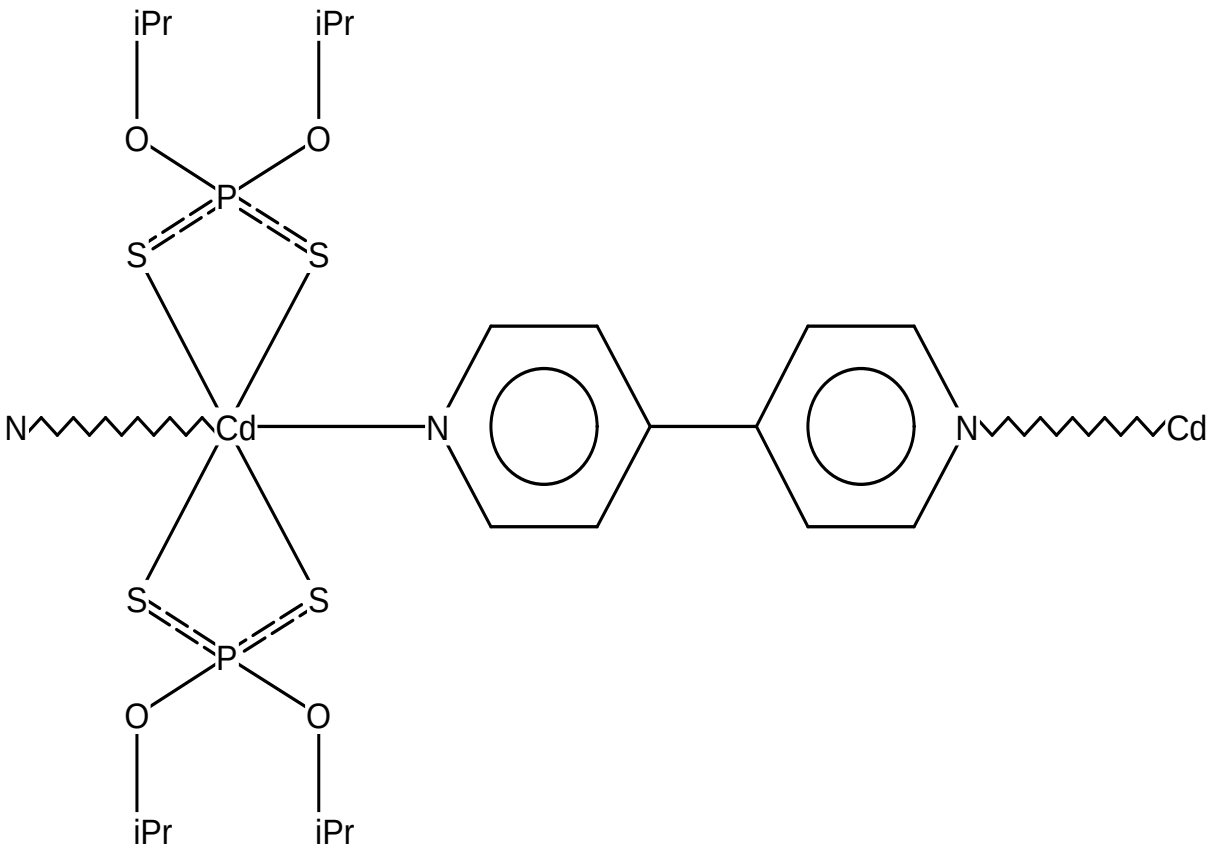
Reference: Chian Sing Lai, E.R.T.Tiekink (2004) *CrystEngComm* ,**6,** 593

Formula: $(C_{22}\ H_{36}\ Cd_1\ N_2\ O_4\ P_2\ S_4)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-bis(di-isopropyldithiophosphato-S,S')-cadmium)

Space Group:	C2/c	***Cell:***	***a***	19.865(1)	***b*** 12.500(0)	***c***	15.706(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 123.01(0)	γ	90.00

R-Factor (%): 4.20 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.412



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 188

BILCIJ

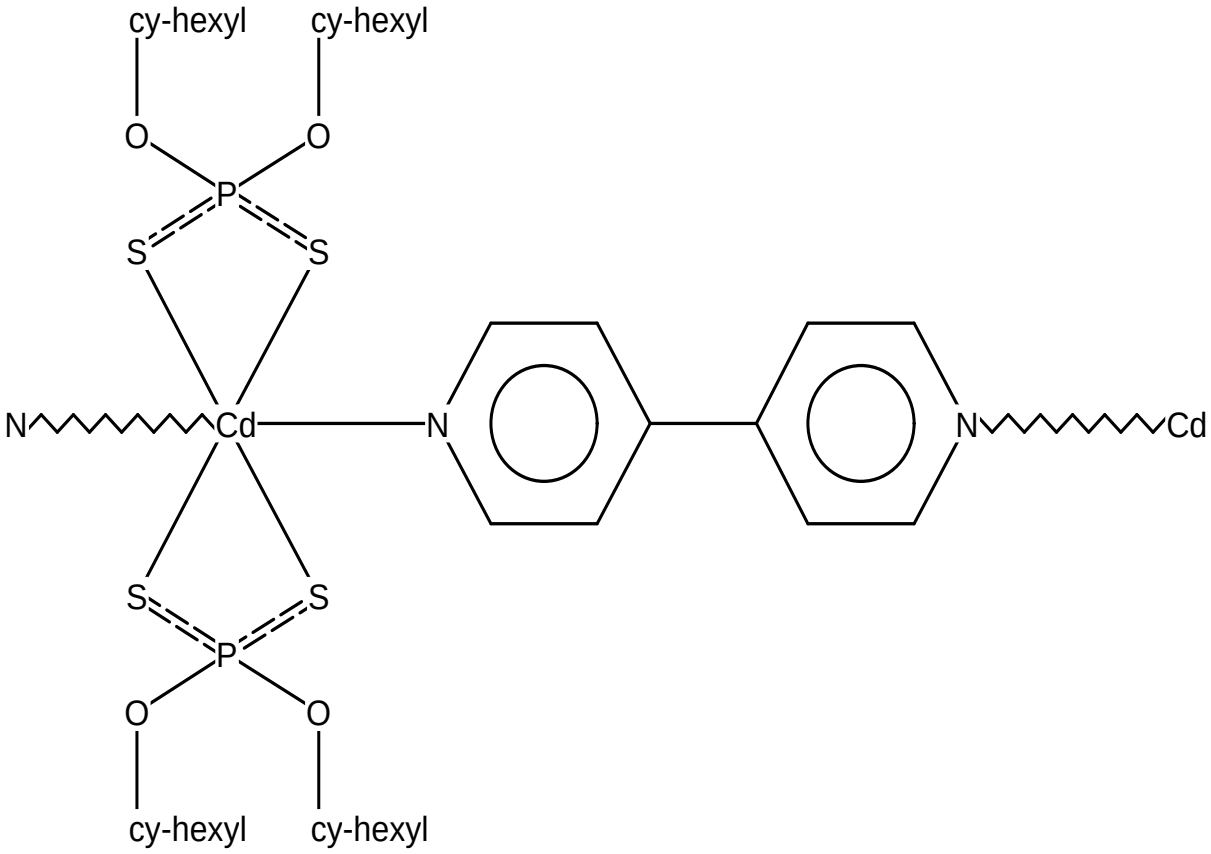
Reference: Chian Sing Lai, E.R.T.Tiekink (2004) *CrystEngComm* ,**6,** 593

Formula: $(C_{34}\ H_{52}\ Cd_1\ N_2\ O_4\ P_2\ S_4)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(bis(cyclohexyl)dithiophosphato-S,S')-cadmium)

Space Group:	C2/c	***Cell:***	***a***	30.631(2)	***b*** 11.955(0)	***c***	11.157(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.98(0)	γ	90.00

R-Factor (%): 4.10 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.440



Search: search1 (Thu May 26 10:05:42 2011): Hit 189

BINXOM

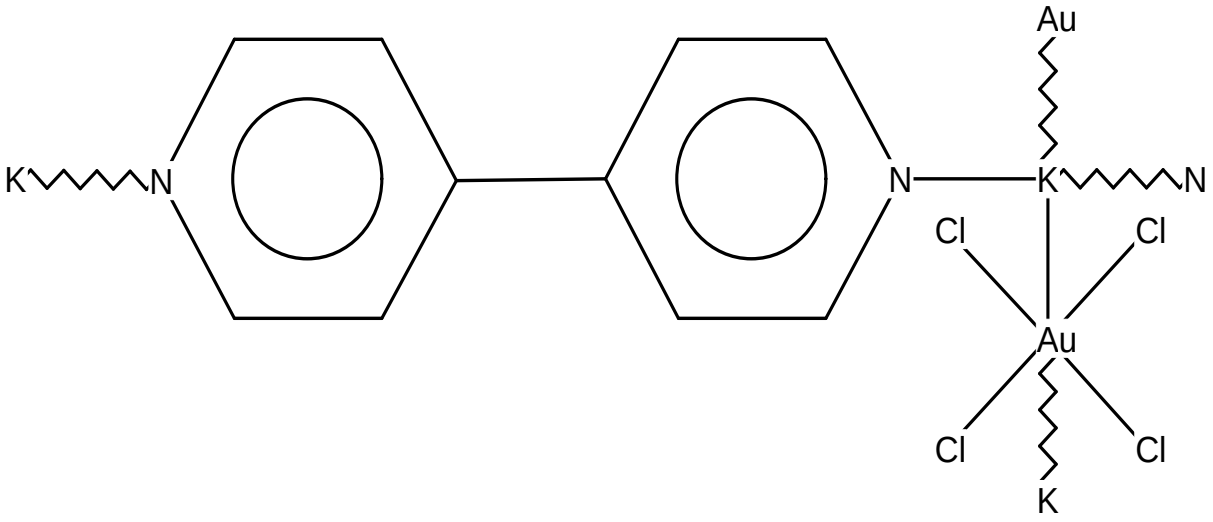
Reference: Cheng Song, Yi-Zhi Li, Ya-Qing Chen, Shou-Jun Xiao, Xiao-Zeng You (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,** m1741

Formula: $(C_{10}\ H_8\ Au_1\ Cl_4\ K_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetrachloro-gold(iii)-potassium(i))

Space Group:	Ibam	***Cell:***	***a***	12.900(3)	***b***	7.831(1)	***c***	14.722(4)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.385



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 190

BIPBUY

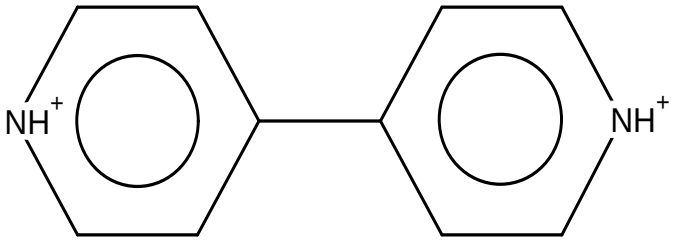
Reference: Xin-Hua Li, Qian Miao, Hong-Ping Xiao, Mao-Lin Hu
(2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***60,**m1784

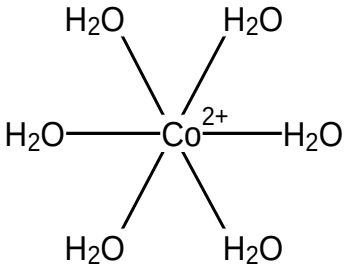
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},H_{12}\,Co_1\,O_6\,^{2+},2(O_4\,S_1\,^{2-})$

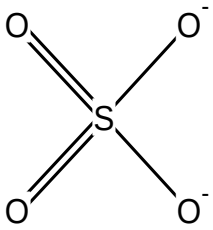
Compound Name: 4,4'-Bipyridinium hexa-aqua-cobalt(ii) disulfate

Space Group:	C2/m	***Cell:***	***a***	11.921(1)	***b***	6.604(0)	***c*** 12.912(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β	108.95(0)	γ 90.00

R-Factor (%): 3.36 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.787







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 191

BITDUD

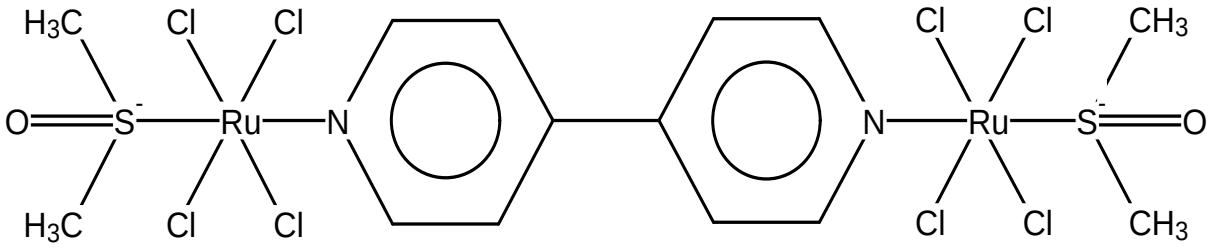
Reference: E.Iengo, G.Mestroni, S.Geremia, M.Calligaris, E.Alessio (1999) *J.Chem.Soc.,Dalton Trans.* ,3361

Formula: $2(Na_1\ ^{1+}),C_{14}\ H_{20}\ Cl_8\ N_2\ O_2\ Ru_2\ S_2\ ^{2-},5.6(H_2\ O_1)$

Compound Name: Di-sodium (μ_2-4,4'-bipyridyl-N,N')-bis[trans-tetrachloro-(dimethylsulfoxide-S)-ruthenium(iii)] hydrate

Space Group:	C2/c	***Cell:***	***a***	30.363(3)	***b*** 7.561(1)	***c***	16.162(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.00(2)	γ	90.00

R-Factor (%): 4.35 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.934



Na^+

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 192

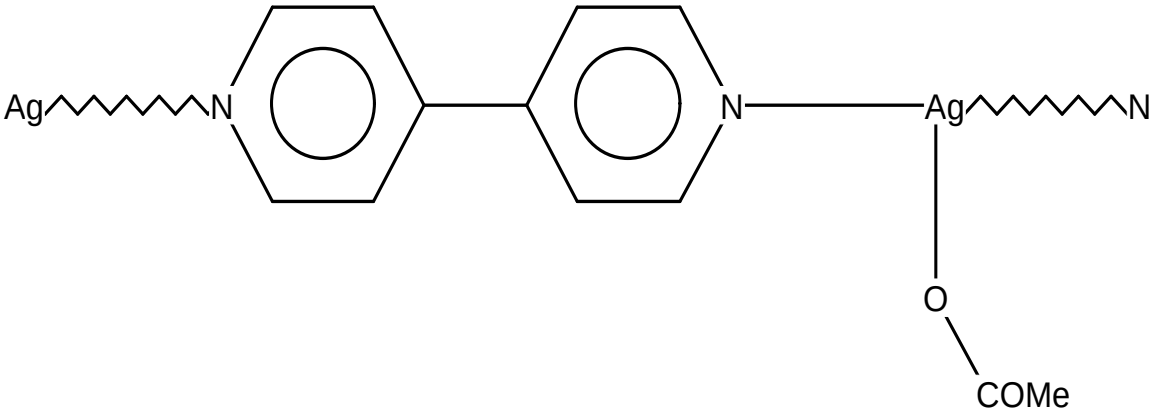
BIVNUQ

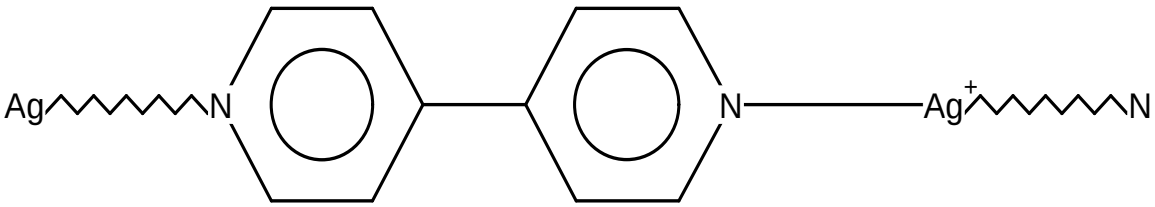
Reference: Xiu-Ying Liu, Hai-Liang Zhu, Hoong-Kun Fun (2005) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,**35,**149

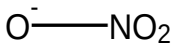
Formula: $(C_{12}\ H_{11}\ Ag_1\ N_2\ O_2)n,n(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+}),n(N_1\ O_3\ ^{1-}),5n(H_2\ O_1)$

Compound Name: catena-((μ$_2$-4,4'-Bipyridyl)-(acetato)-silver(i) (μ$_2$-4,4'-bipyridyl)-silver(i) nitrate pentahydrate)

Space Group:	P-1	***Cell:***	***a*** 11.359(0)	***b*** 13.990(0)	***c*** 18.542(1)
Space Group No.:	2	***(Å,°)***	α 110.48(0)	β 103.24(0)	γ 92.85(0)
R-Factor (%):	4.93	***Temperature(K):***	293	***Density(g/cm^3):***	1.846







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 193

BIVSEE

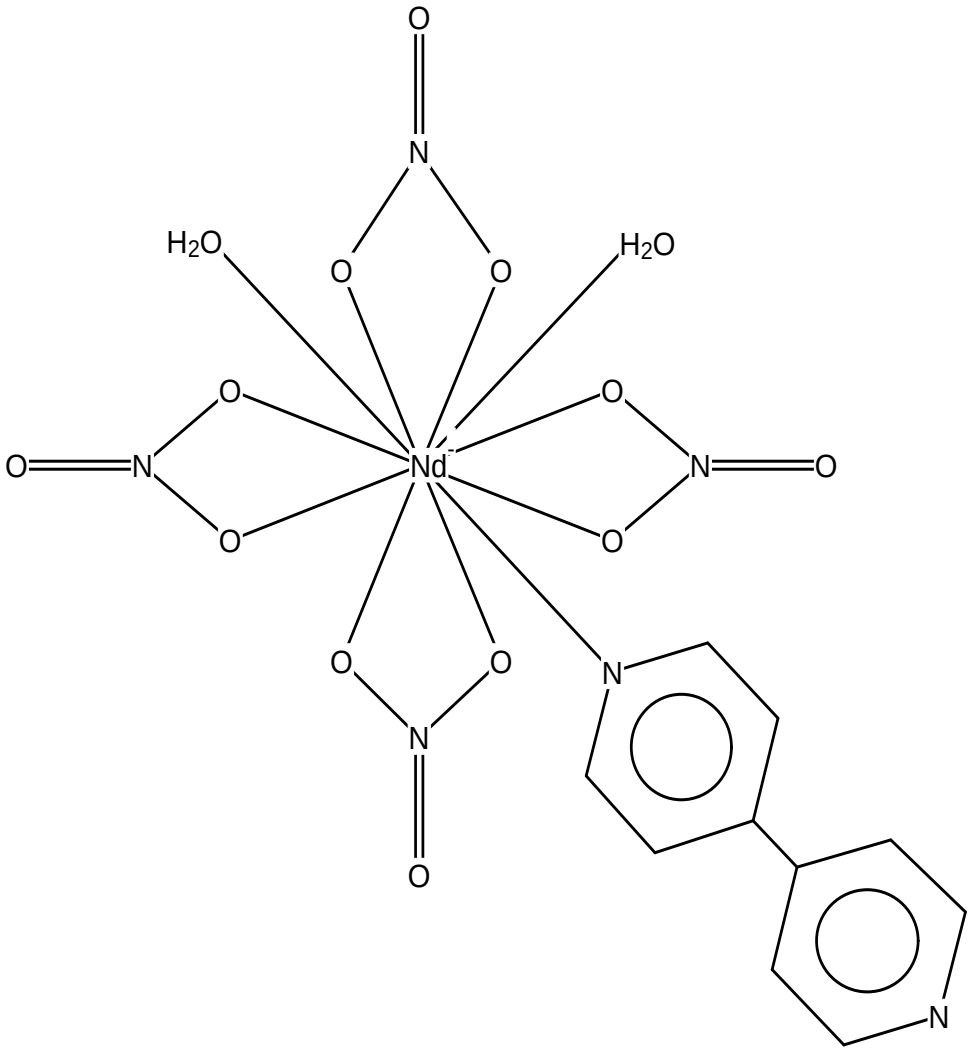
Reference: K.Al-Rasoul, T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**60,** 191

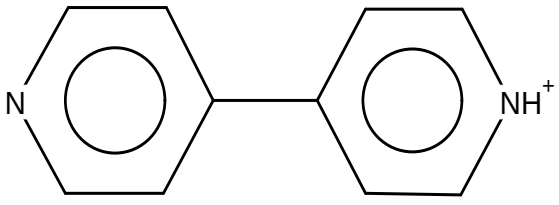
Formula: $C_{10}\,H_{12}\,N_6\,Nd_1\,O_{14}\,^{1-}$,$C_{10}\,H_9\,N_2\,^{1+}$

Compound Name: 4,4'-Bipyridinium tetranitrato-diaqua-(4,4'-bipyridyl)-neodymium(iii)

Space Group:	P212121	***Cell:***	***a***	7.214(4)	***b***	19.928(9)	***c***	18.515(9)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.851





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 194

BIVSII

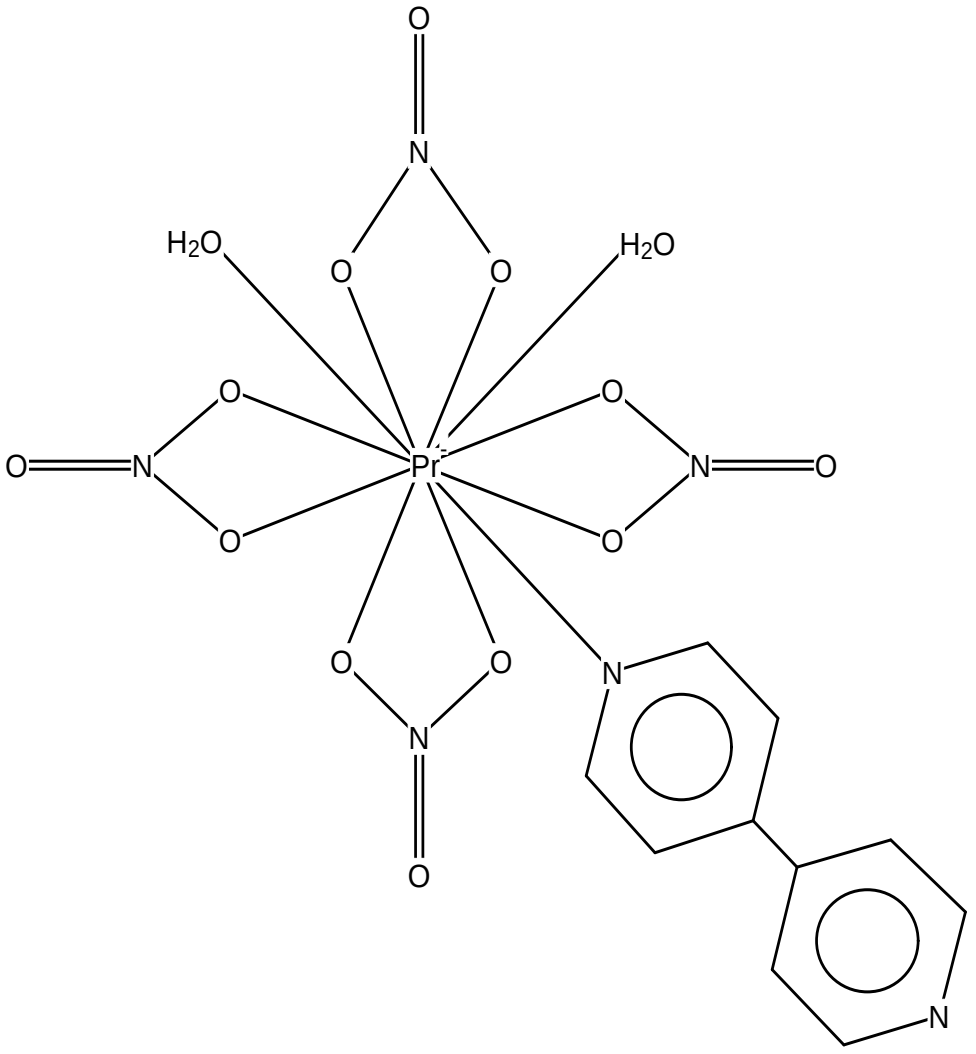
Reference: K.Al-Rasoul, T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**60,** 191

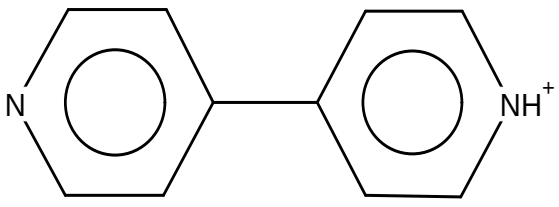
Formula: $C_{10}\,H_{12}\,N_6\,O_{14}\,Pr_1\,^{1-}$,$C_{10}\,H_9\,N_2\,^{1+}$

Compound Name: 4,4'-Bipyridinium tetranitrato-diaqua-(4,4'-bipyridyl)-praseodymium(iii)

Space Group:	P212121	***Cell:***	***a***	7.264(8)	***b***	19.920(20)	***c***	18.520(20)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.830





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 195

BIVSOO

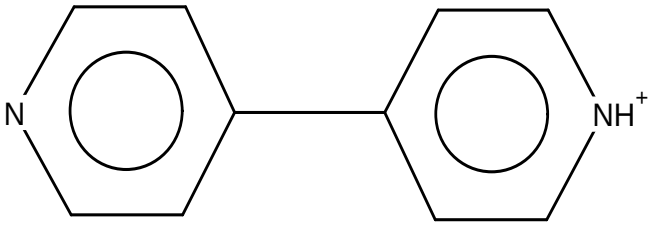
Reference: K.Al-Rasoul, T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**60,** 191

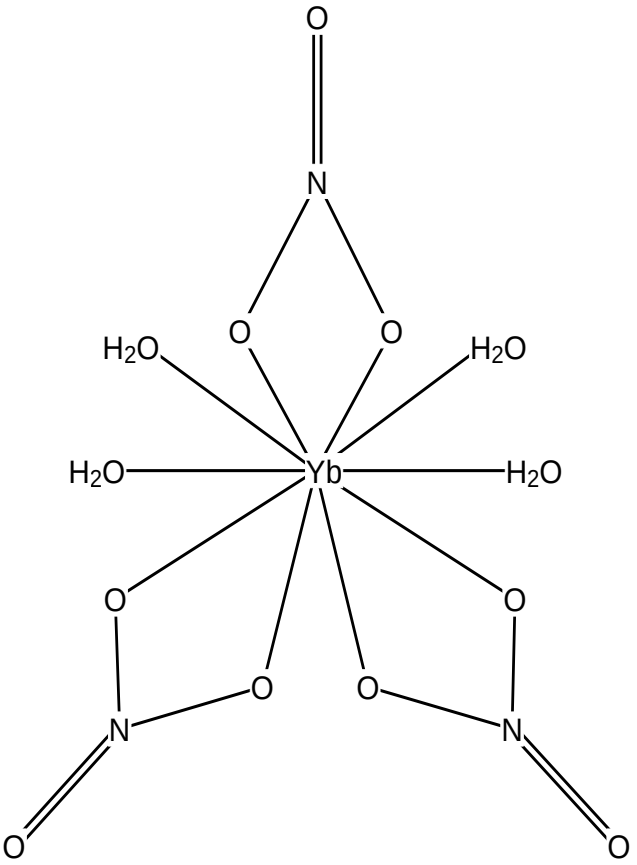
Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),H_8\ N_3\ O_{13}\ Yb_1,2(N_1\ O_3\ ^{1-})$

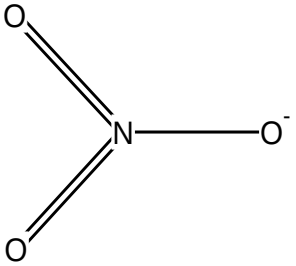
Compound Name: bis(4,4'-Bipyridinium) trinitrato-tetra-aqua-ytterbium(iii) dinitrate

Space Group:	P-1	***Cell:***	***a***	15.184(10)	***b***	12.755(12)	***c***	8.156(10)
Space Group No.:	2	***(Å,°)***	α	79.75(13)	β	78.49(5)	γ	95.09(5)

R-Factor (%): 7.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.912







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 196

BIVSUU

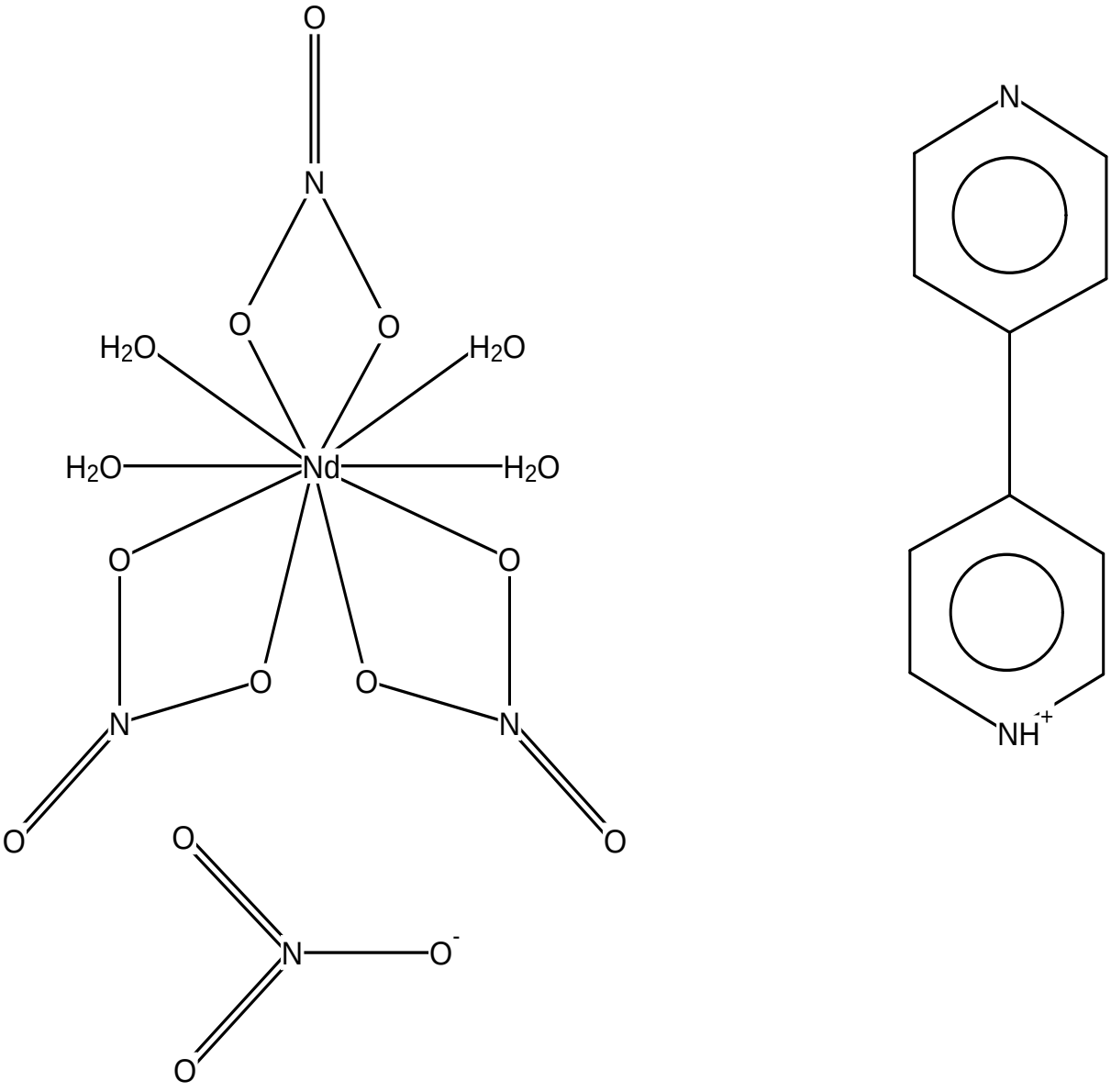
Reference: K.Al-Rasoul, T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**60,** 191

Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),H_8\ N_3\ Nd_1\ O_{13},2(N_1\ O_3\ ^{1-})$

Compound Name: bis(4,4'-Bipyridinium) trinitrato-tetra-aqua-neodymium(iii) nitrate

Space Group:	P-1	***Cell:***	***a***	15.170(20)	***b***	12.790(20)	***c***	8.126(13)
Space Group No.:	2	***(Å,°)***	α	80.10(10)	β	78.60(10)	γ	95.10(10)

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.849



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 197

BIVTAC

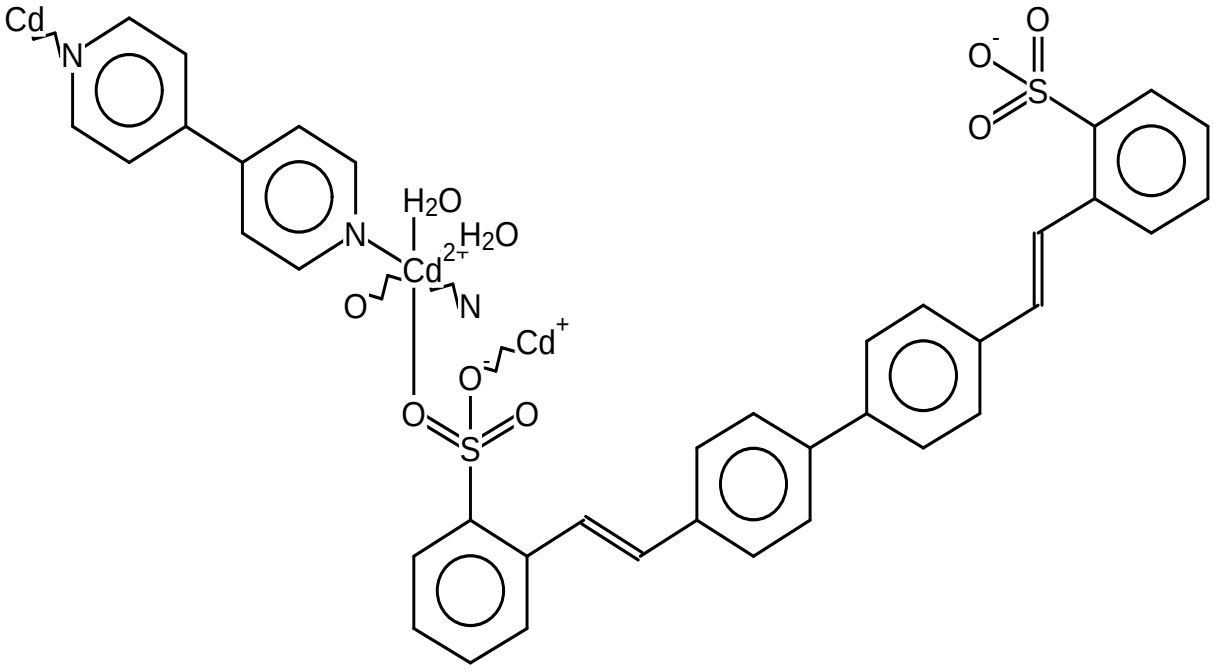
Reference: Ruibiao Fu, Shengmin Hu, Xintao Wu (2007) *Inorg.Chem.* , **46,**9630

Formula: $(C_{38}\ H_{32}\ Cd_1\ N_2\ O_8\ S_2)n$

Compound Name: catena-(μ_2-4,4'-bis(2-Sulfonatostyryl)biphenyl)-(μ_2-4,4'-bipyridine)-diaqua-cadmium(ii))

Space Group:	P21/n	***Cell:***	***a***	11.253(3)	***b*** 19.832(4)	***c***	15.927(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.81(0)	γ	90.00

R-Factor (%): 4.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.574



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 198

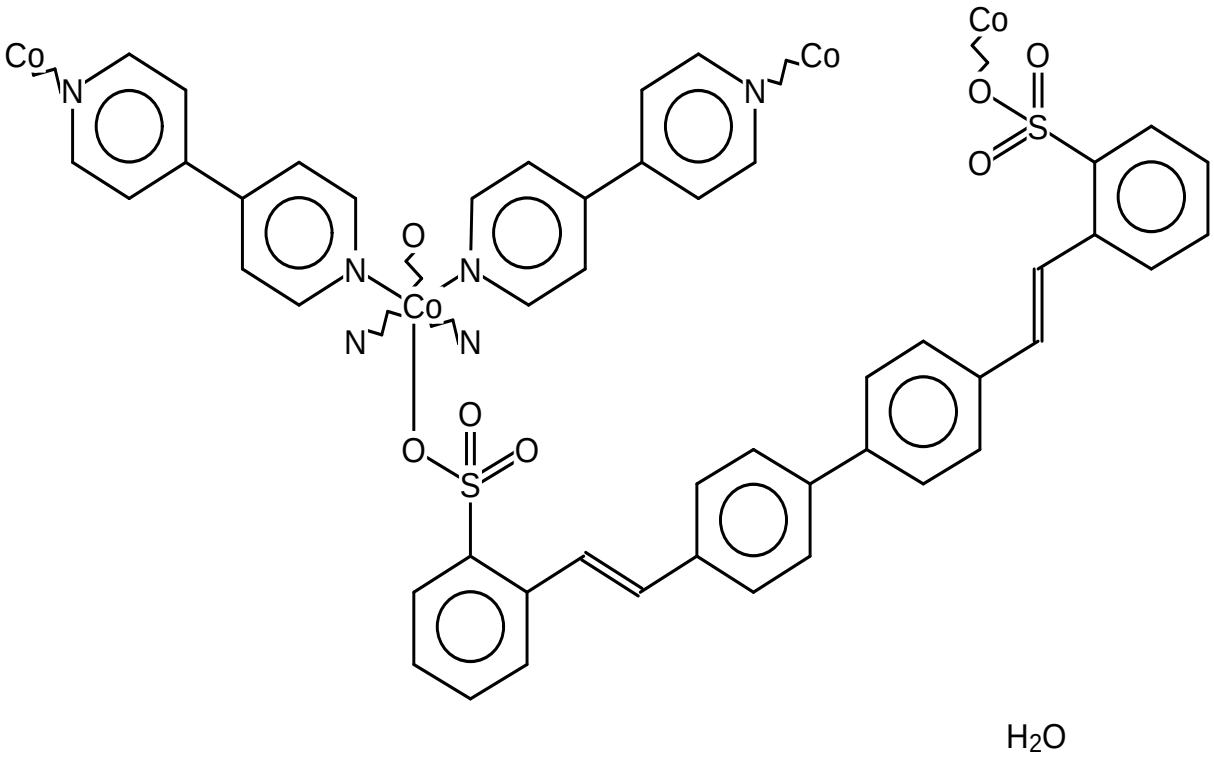
BIVTEG

Reference: Ruibiao Fu, Shengmin Hu, Xintao Wu (2007) *Inorg.Chem.* , **46,**9630

Formula: $(C_{48}\ H_{36}\ Co_1\ N_4\ O_6\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bis(2-Sulfonatostyryl)biphenyl-O,O')-bis(μ_2-4,4'-bipyridine)-cobalt(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.144	***b*** 10.609(0)	***c***	11.335(0)
Space Group No.:	2	***(Å,°)***	α	84.82(1)	β 75.75(1)	γ	67.25(0)
R-Factor (%):	4.81	***Temperature(K):***	130		***Density(g/cm^3):***		1.407



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 199

BIVTIK

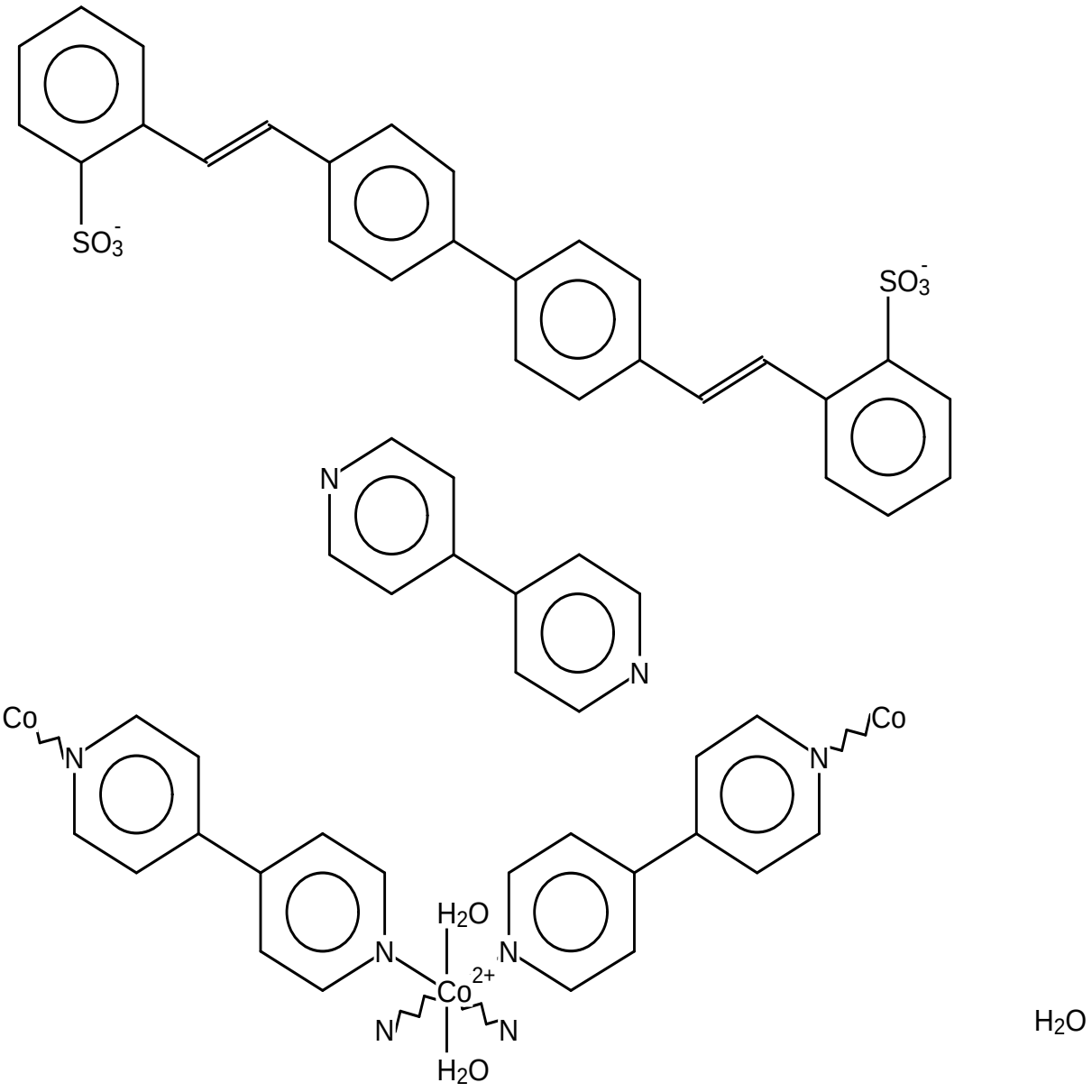
Reference: Ruibiao Fu, Shengmin Hu, Xintao Wu (2007) *Inorg.Chem.* , **46,**9630

Formula: $(C_{20}\ H_{20}\ Co_1\ N_4\ O_2\ ^{2+})n,n(C_{28}\ H_{20}\ O_6\ S_2\ ^{2-}),2n(H_2\ O_1),n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-diaqua-cobalt 4,4'-bis(2-sulfonatostyryl) biphenyl 4,4'-bipyridine dihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.831(0)	***b*** 15.796(0)	***c***	15.035(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.77(0)	γ	90.00

R-Factor (%): 4.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.364



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 200

BIVTOQ

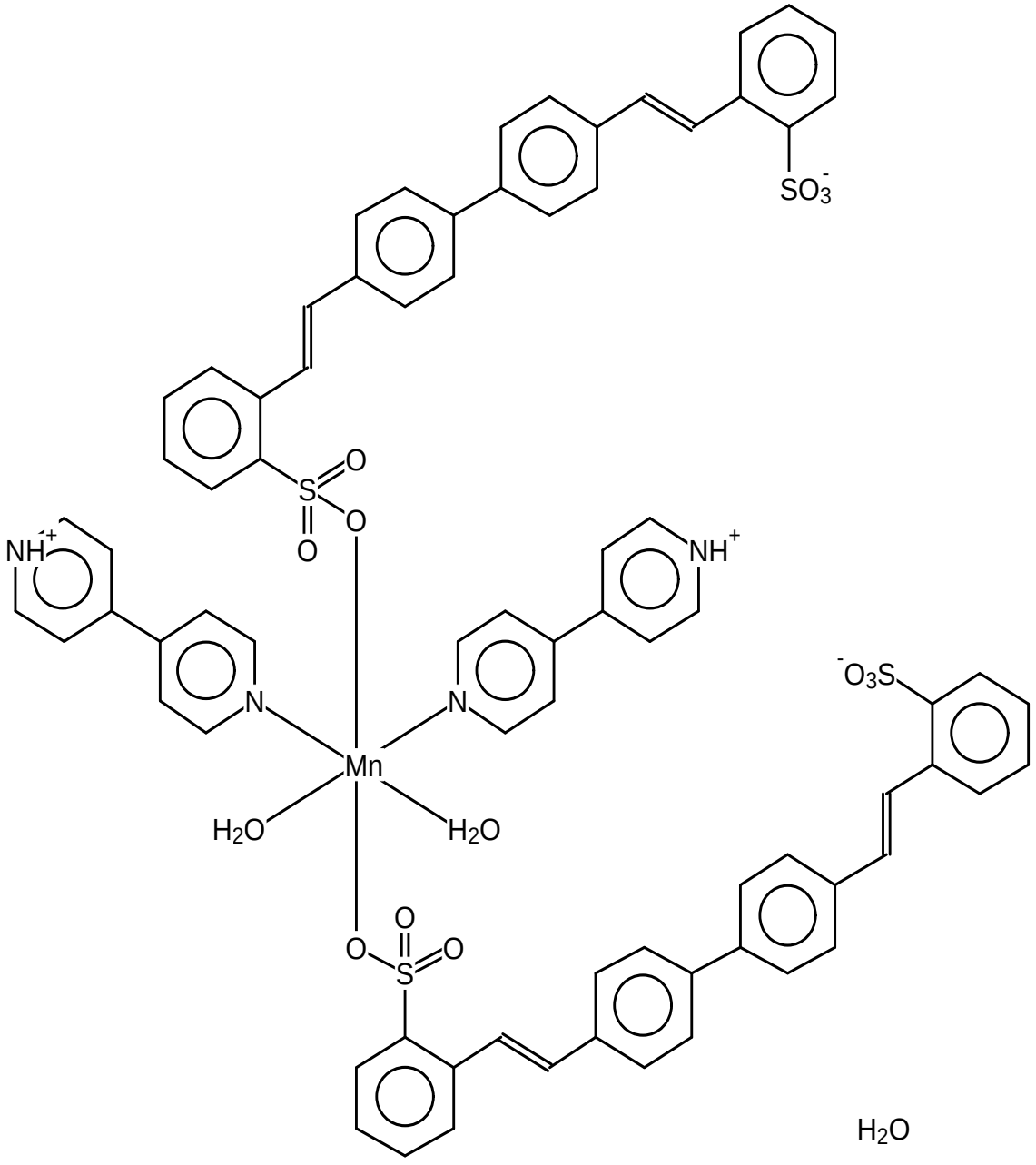
Reference: Ruibiao Fu, Shengmin Hu, Xintao Wu (2007) *Inorg.Chem.* , **46,**9630

Formula: $C_{76}\ H_{62}\ Mn_1\ N_4\ O_{14}\ S_4,4(H_2\ O_1)$

Compound Name: bis((4,4'-Bipyridinium)-aqua-(4,4'-bis(2-sulfonatostyryl)biphenyl))-manganese(ii) tetrahydrate

Space Group:	Pbcn	***Cell:***	***a***	31.913(1)	***b***	10.587(0)	***c***	20.007(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 201

BIVTUW

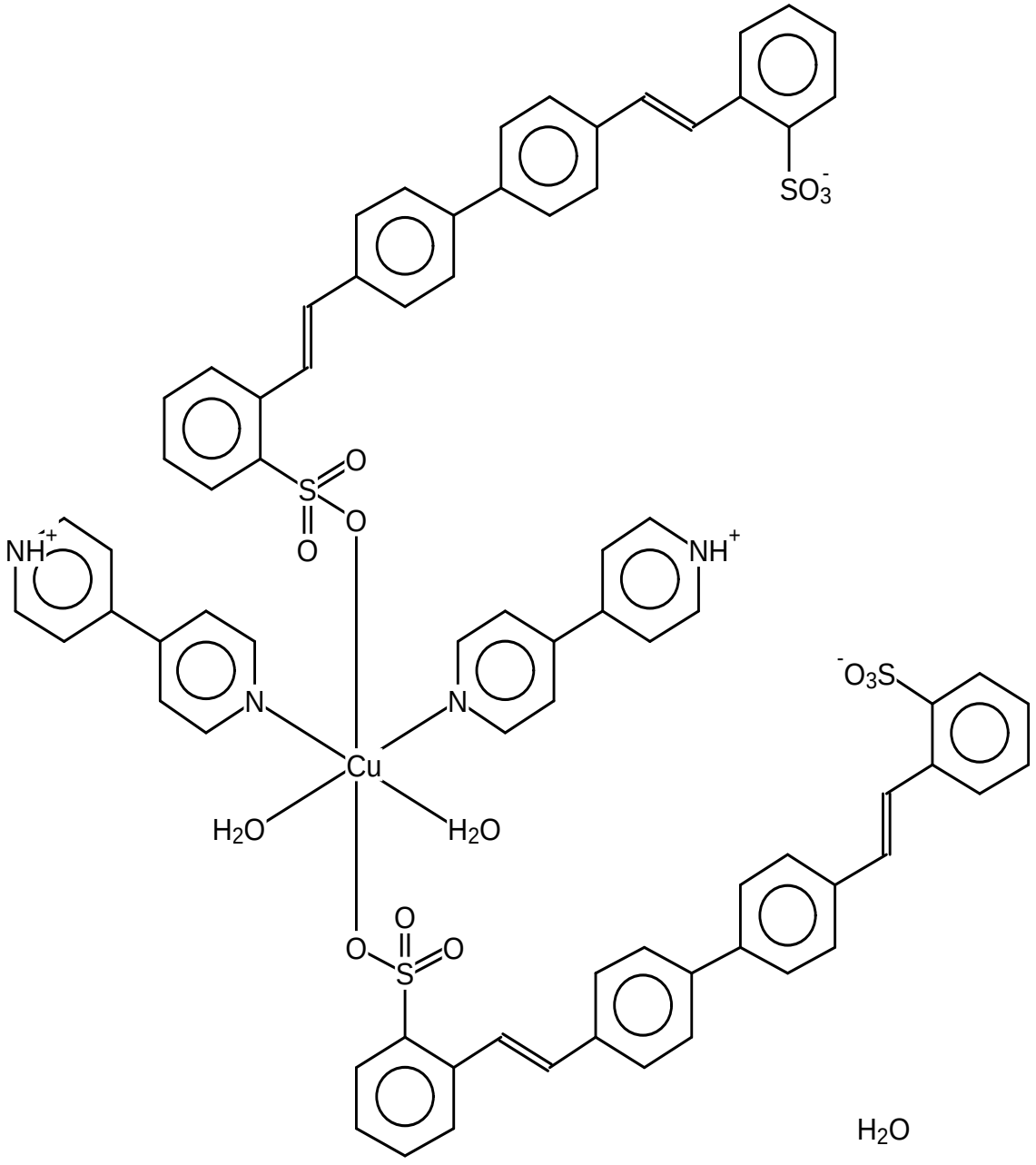
Reference: Ruibiao Fu, Shengmin Hu, Xintao Wu (2007) *Inorg.Chem.* , **46,**9630

Formula: $C_{76}\ H_{62}\ Cu_1\ N_4\ O_{14}\ S_4,6(H_2\ O_1)$

Compound Name: bis((4,4'-Bipyridinium)-aqua-(4,4'-bis(2-sulfonatostyryl)biphenyl))-copper(ii) hexahydrate

Space Group:	Pbcn	***Cell:***	***a***	31.903(8)	***b***	10.583(3)	***c***	20.045(5)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	8.35	***Temperature(K):***	130	***Density(g/cm3):***	1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 202

BIVVAE

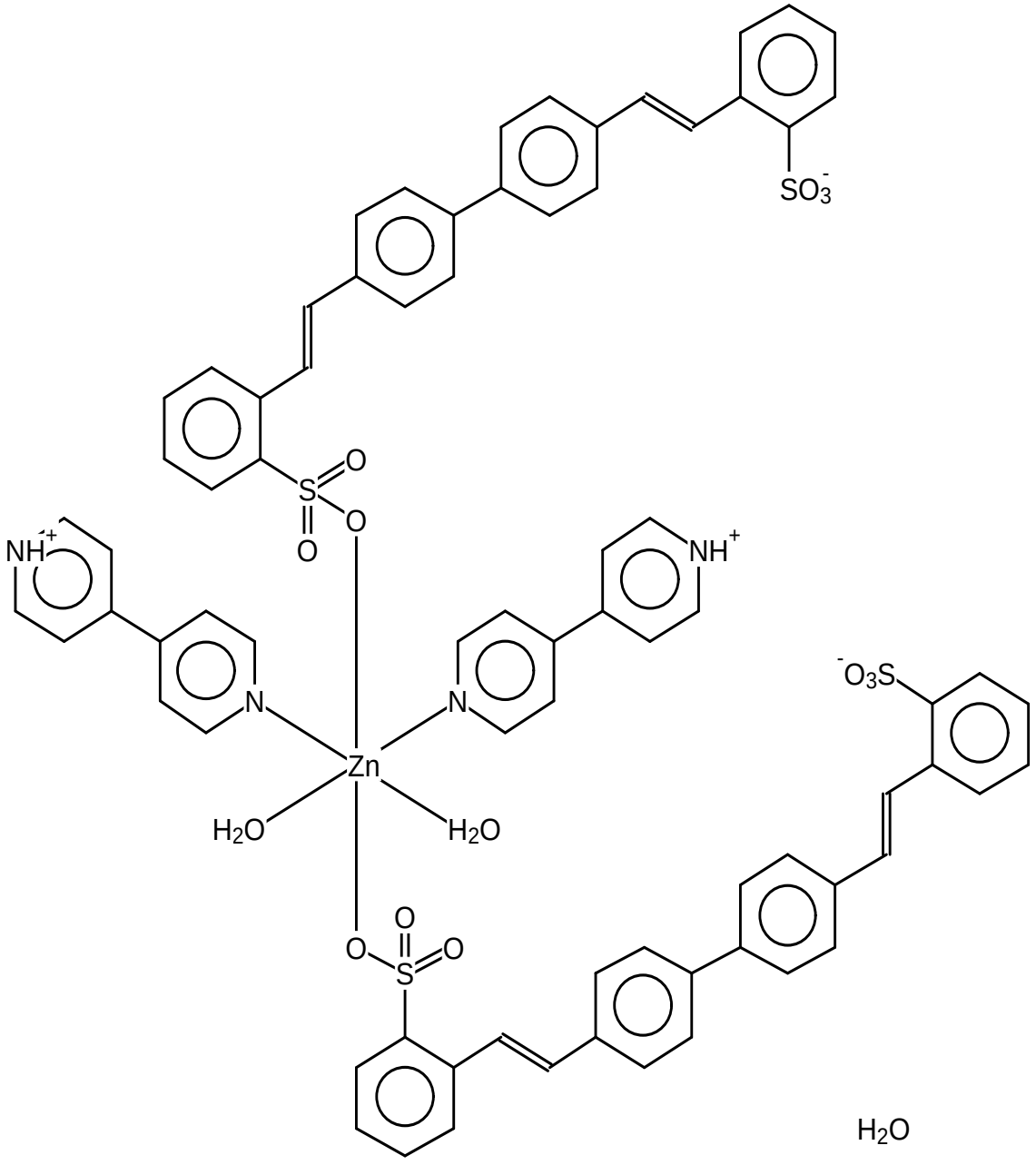
Reference: Ruibiao Fu, Shengmin Hu, Xintao Wu (2007) *Inorg.Chem.* , **46,**9630

Formula: $C_{76}\ H_{62}\ N_4\ O_{14}\ S_4\ Zn_1,4(H_2\ O_1)$

Compound Name: bis((4,4'-Bipyridinium)-aqua-(4,4'-bis(2-sulfonatostyryl)biphenyl))-zinc(ii) tetrahydrate

Space Group:	Pbcn	***Cell:***	***a***	32.186(15)	***b***	10.550(5)	***c***	20.107(10)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.49 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.480



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 203

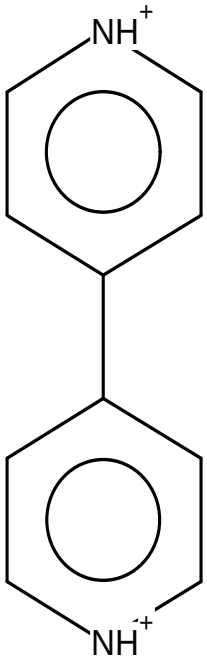
BIWWEK

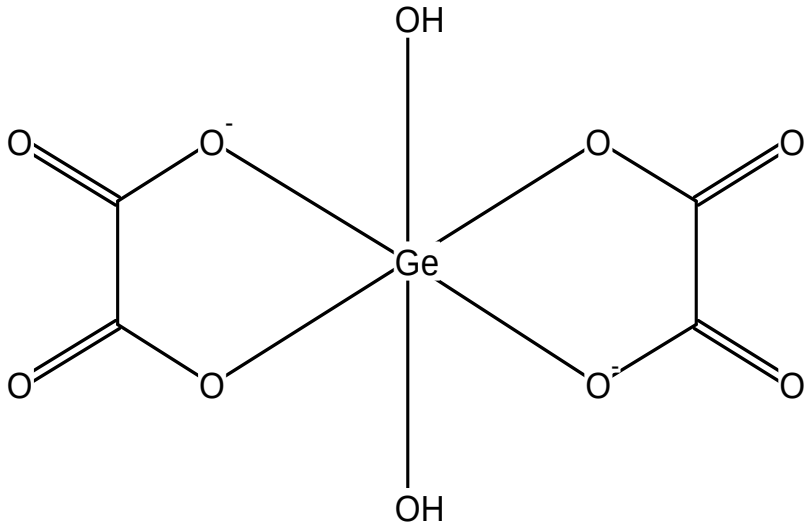
Reference: Fa-Nian Shi, L.Cunha-Silva, F.A.A.Paz, M.J.Hardie, J.Klinowski, J.Rocha, T.Trindade (2008) *Inorg.Chem.Commun.* ,**11,**283

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_4\,H_2\,Ge_1\,O_{10}\,^{2-},2(H_2\,O_1)$

Compound Name: 4,4'-Bipyridinedi-ium dihydroxy-bis(oxalato-O,O')-germanium(iv) dihydrate

Space Group:	P-1	***Cell:***	***a***	7.445(0)	***b***	8.879(0)	***c*** 13.066(0)
Space Group No.:	2	***(Å,°)***	α	93.85(0)	β	94.79(0)	γ 91.97(0)
R-Factor (%):	3.71	***Temperature(K):***	173		***Density(g/cm^3):***	1.846	





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 204

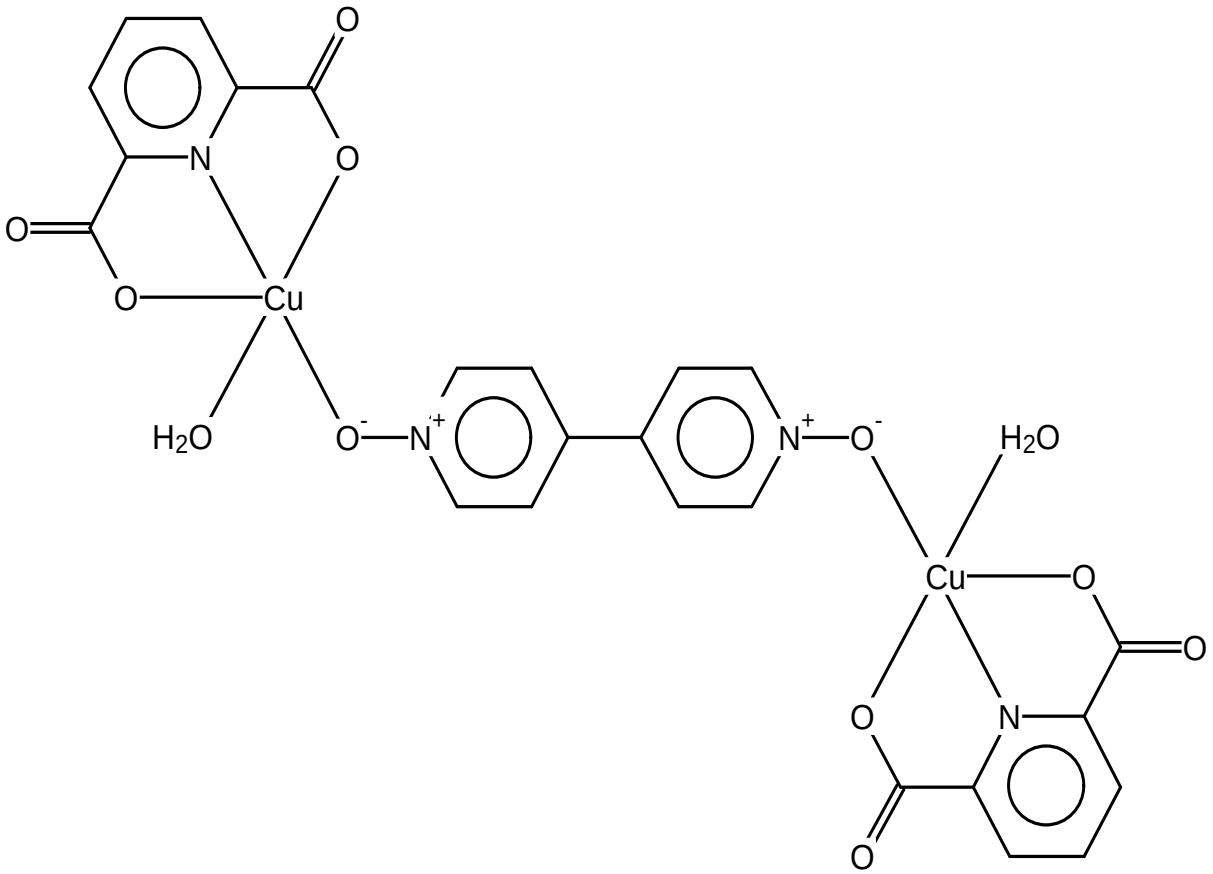
BIYGAS

Reference: S.C.Manna, E.Zangrando, N.R.Chaudhuri (2008) *J.Mol.Struct.* ,**877,**145

Formula: $C_{24}\ H_{18}\ Cu_2\ N_4\ O_{12}$

Compound Name: (μ_2-4,4'-Bipyridinium-N,N'-dioxide)-diaqua-bis(pyridine-2,6-dicarboxylate-N,O,O')-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	6.154(2)	***b***	7.292(2)	***c*** 13.892(3)
Space Group No.:	2	***(Å,°)***	α	94.17(3)	β	92.79(2)	γ 104.60(2)
R-Factor (%):	3.89	***Temperature(K):***	293		***Density(g/cm^3):***		1.885



Search: search1 (Thu May 26 10:05:42 2011): Hit 205

BIYHUN

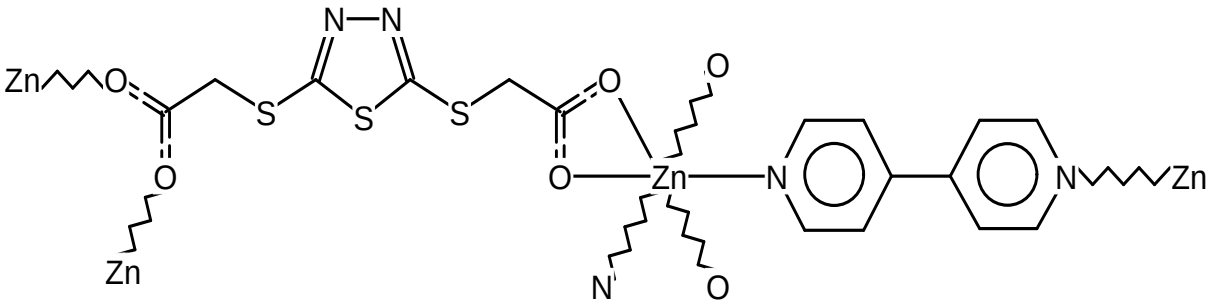
Reference: Dong-Xu Xue, Wei-Xiong Zhang, Xiao-Ming Chen (2008) *J.Mol.Struct. ,***877,**36

Formula: $(C_{16}\ H_{12}\ N_4\ O_4\ S_3\ Zn_1)n$

Compound Name: catena-((μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole)-(μ_2-4,4'-bipyridine-N,N')-zinc)

Space Group:	P-1	***Cell:***	***a*** 8.988(1)	***b*** 10.220(1)	***c*** 11.378(1)
Space Group No.:	2	***(Å,°)***	α 64.30(0)	β 77.90(0)	γ 74.41(0)

R-Factor (%): 4.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.789



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 206

BIYHUN01

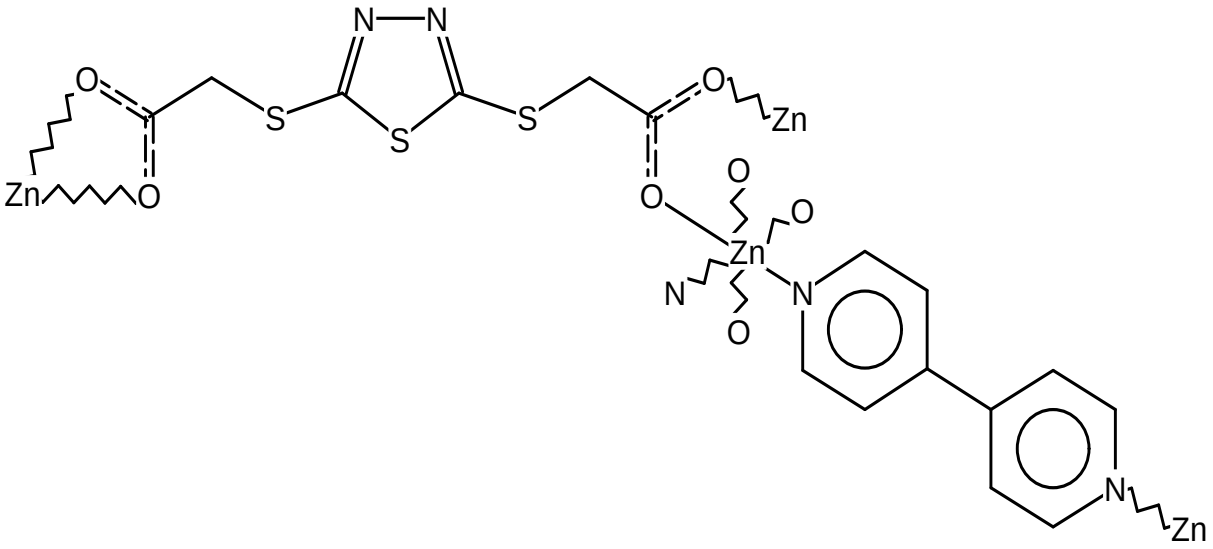
Reference: Yu-Ting Wang, Xiao-Qing Shen, Yao-Ting Fan, Hong-Chang Yao, Hong-Wei Hou (2008) *Supramol.Chem. ,***20,**501

Formula: $(C_{16}\ H_{12}\ N_4\ O_4\ S_3\ Zn_1)n$

Compound Name: catena-((μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole)-(μ_2-4,4'-bipyridine-N,N')-zinc)

Space Group:	P-1	***Cell:***	***a***	8.998(2)	***b*** 10.226(2)	***c***	11.376(3)
Space Group No.:	2	***(Å,°)***	α	64.31(0)	β 77.87(0)	γ	74.48(0)

R-Factor (%): 3.28 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.786



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 207

BIYJAV

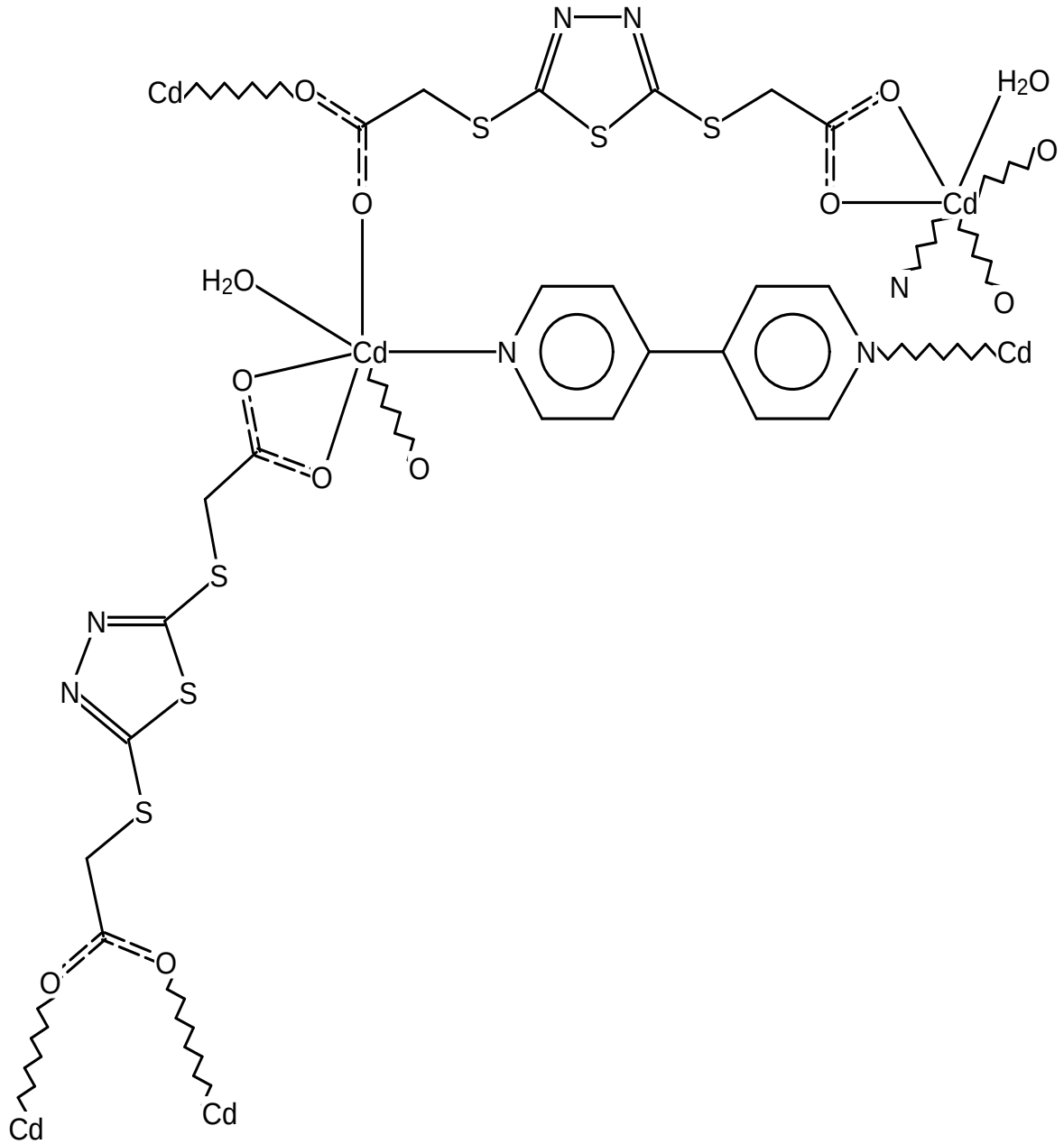
Reference: Dong-Xu Xue, Wei-Xiong Zhang, Xiao-Ming Chen (2008) *J.Mol.Struct.* ,**877,**36

Formula: $(C_{22}\ H_{20}\ Cd_2\ N_6\ O_{10}\ S_6)n$

Compound Name: catena-(bis(μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole)-(μ_2-4,4'-bipyridine-N,N')-diaqua-di-cadmium)

Space Group:	P21/c	***Cell:***	***a*** 12.506(1)	***b*** 8.480(1)	***c*** 15.665(2)
Space Group No.:	14	***(Å,°)***	α 90.00	β 113.53	γ 90.00

R-Factor (%): 3.75 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.062



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 208

BIYJAV01

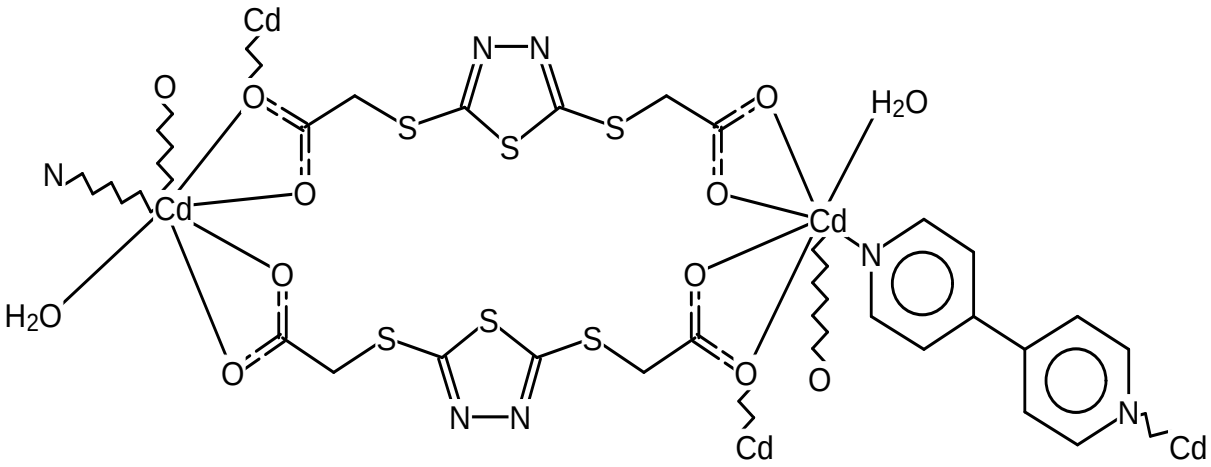
Reference: Yu-Ting Wang, Xiao-Qing Shen, Yao-Ting Fan, Hong-Chang Yao, Hong-Wei Hou (2008) *Supramol.Chem. ,***20,**501

Formula: $(C_{22}\ H_{20}\ Cd_2\ N_6\ O_{10}\ S_6)n$

Compound Name: catena-(bis(μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole)-(μ_2-4,4'-bipyridine-N,N')-diaqua-di-cadmium)

Space Group:	P21/n	***Cell:***	***a***	12.542(1)	***b*** 8.493(1)	***c***	15.700(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.37(0)	γ	90.00

R-Factor (%): 1.81 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 2.046



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 209

BIYJEZ

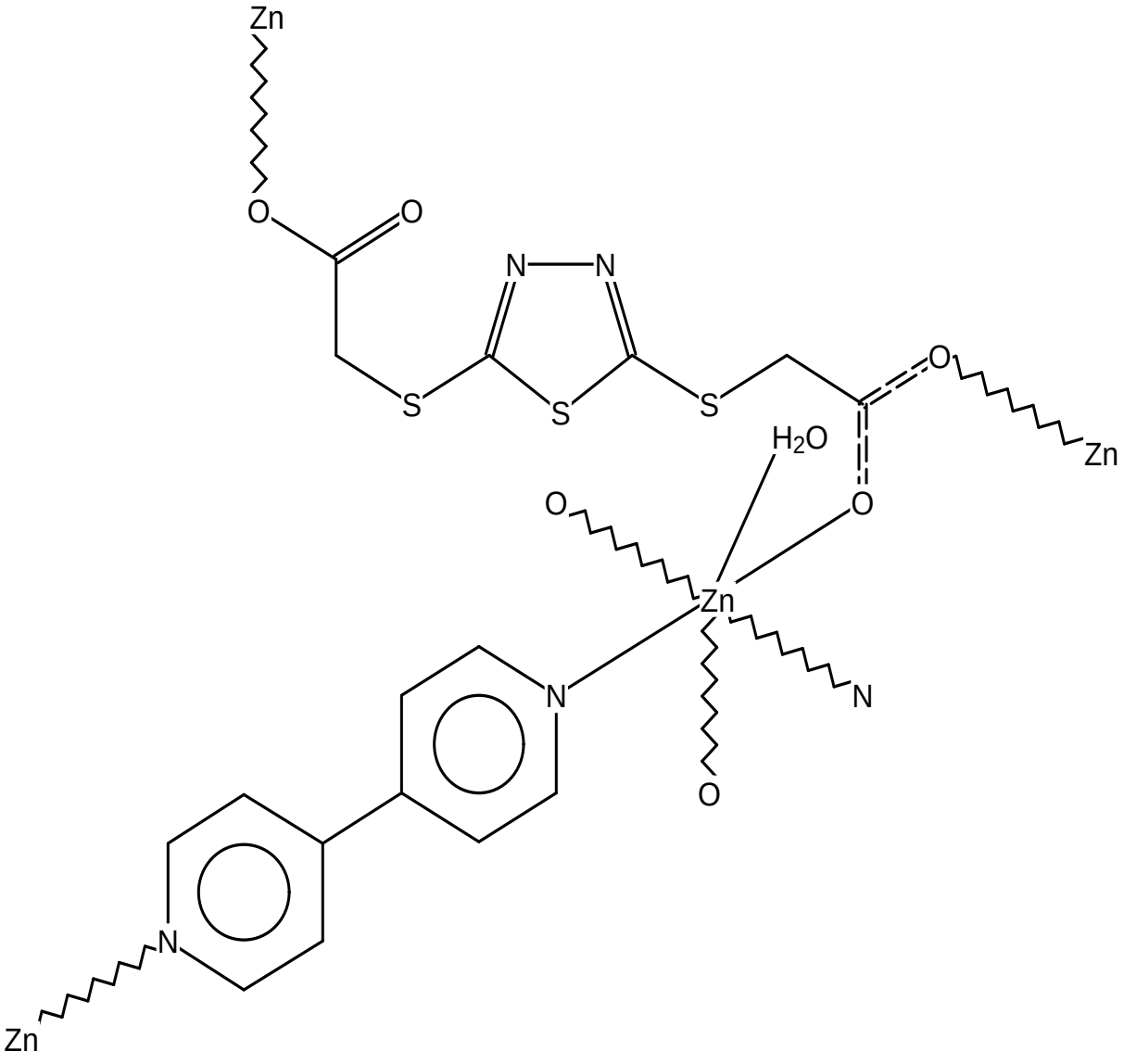
Reference: Dong-Xu Xue, Wei-Xiong Zhang, Xiao-Ming Chen (2008) *J.Mol.Struct.* ,**877,**36

Formula: $(C_{16}\ H_{14}\ N_4\ O_5\ S_3\ Zn_1)n$

Compound Name: catena-((μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-aqua-zinc)

Space Group:	Pbca	***Cell:***	***a***	18.052(2)	***b***	9.069(1)	***c***	22.509(3)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.816



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 210

BIYJID

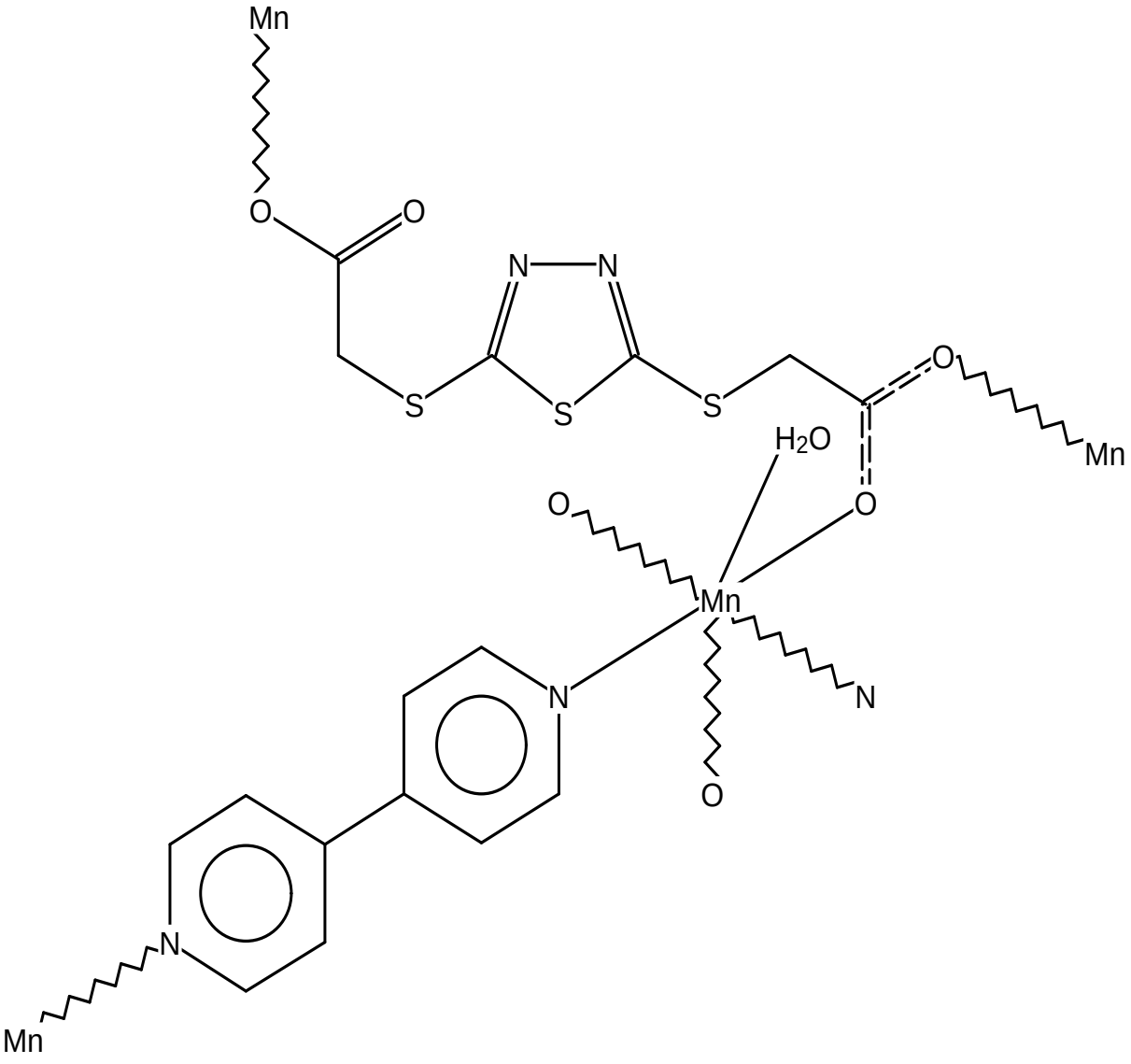
Reference: Dong-Xu Xue, Wei-Xiong Zhang, Xiao-Ming Chen (2008) *J.Mol.Struct. ,***877,**36

Formula: $(C_{16}\ H_{14}\ Mn_1\ N_4\ O_5\ S_3)n$

Compound Name: catena-((μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-aqua-manganese)

Space Group:	Pbca	***Cell:***	***a***	18.139(1)	***b***	9.071(0)	***c***	22.888(1)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	3.42	***Temperature(K):***	293	***Density(g/cm^3):***	1.741



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 211

BIYJID01

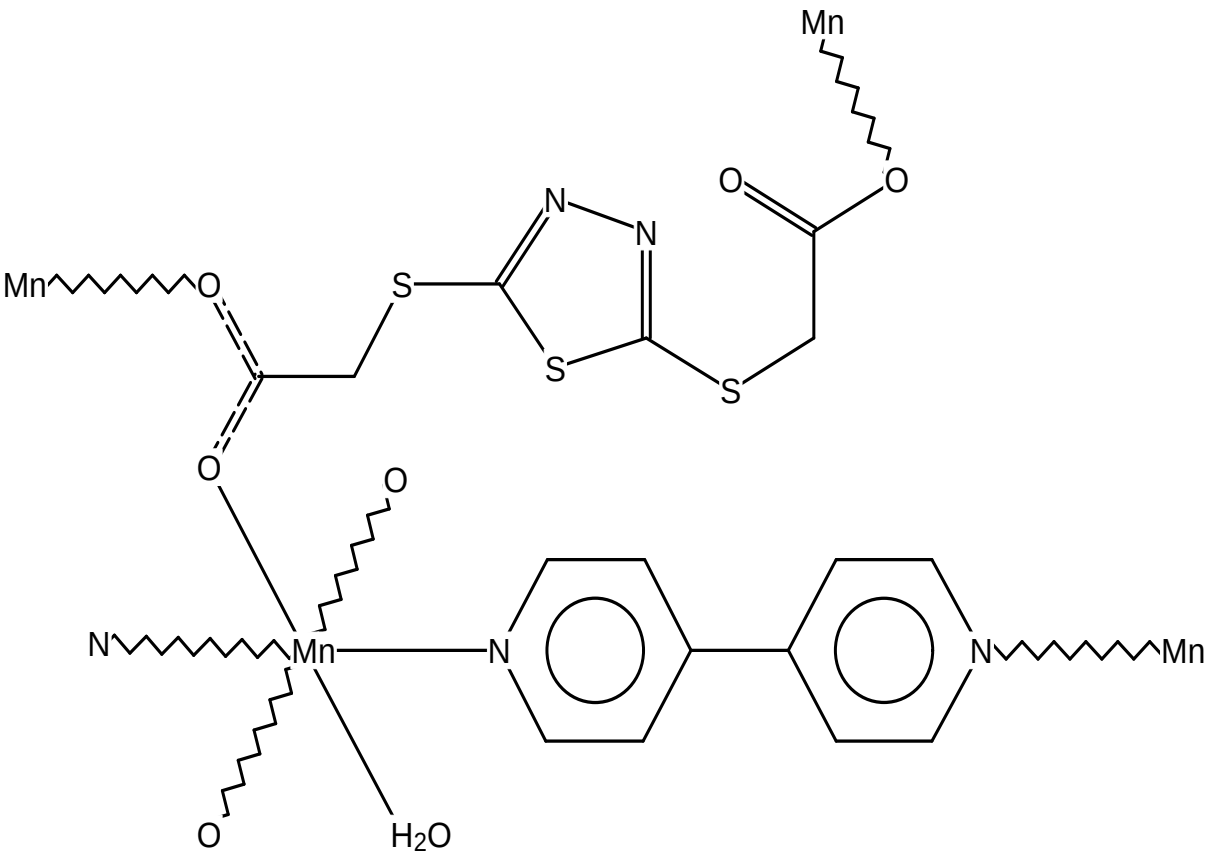
Reference: Yu-Ting Wang, Yu-Ling Wang, Yao-Ting Fan, Hong-Wei Hou, Hong-Yun Zhang (2007) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,**37,**241

Formula: $(C_{16}\ H_{14}\ Mn_1\ N_4\ O_5\ S_3)n$

Compound Name: catena-((μ_3-trans-(1,3,4-thiadiazole-2,5-diyldithio)diacetato)-(μ_2-4,4'-bipyridine)-manganese(ii))

Space Group:	Pbca	***Cell:***	***a***	18.166(0)	***b***	9.088(0)	***c*** 22.933(1)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.41 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.731



Search: search1 (Thu May 26 10:05:42 2011): Hit 212

BIYJOJ

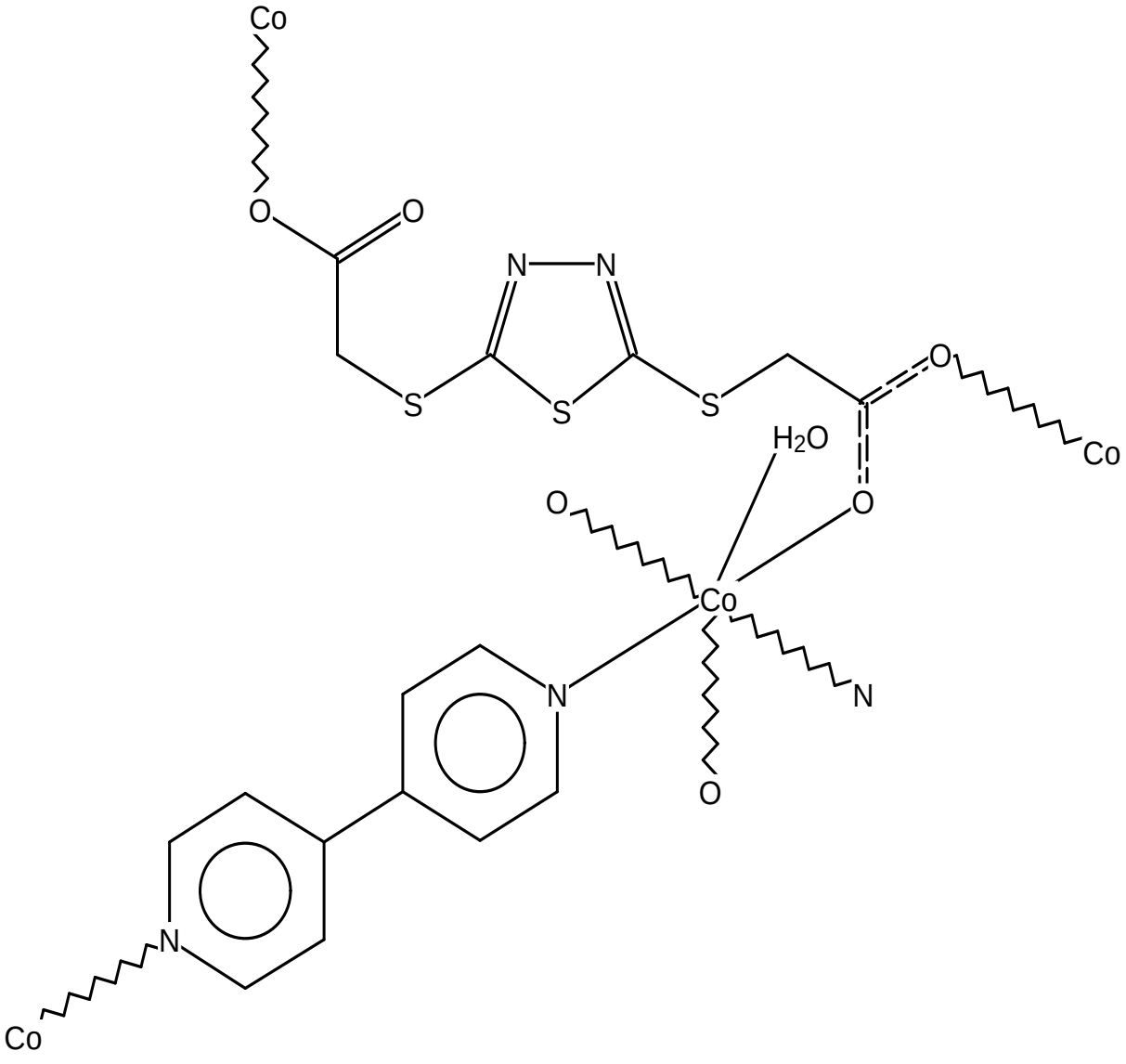
Reference: Dong-Xu Xue, Wei-Xiong Zhang, Xiao-Ming Chen (2008) *J.Mol.Struct. ,***877,**36

Formula: $(C_{16}\ H_{14}\ Co_1\ N_4\ O_5\ S_3)n$

Compound Name: catena-((μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-aqua-cobalt)

Space Group:	Pbca	***Cell:***	***a***	18.067(2)	***b***	9.029(1)	***c***	22.546(3)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	6.90	***Temperature(K):***	293	***Density(g/cm^3):***	1.797



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 213

BIYJOJ01

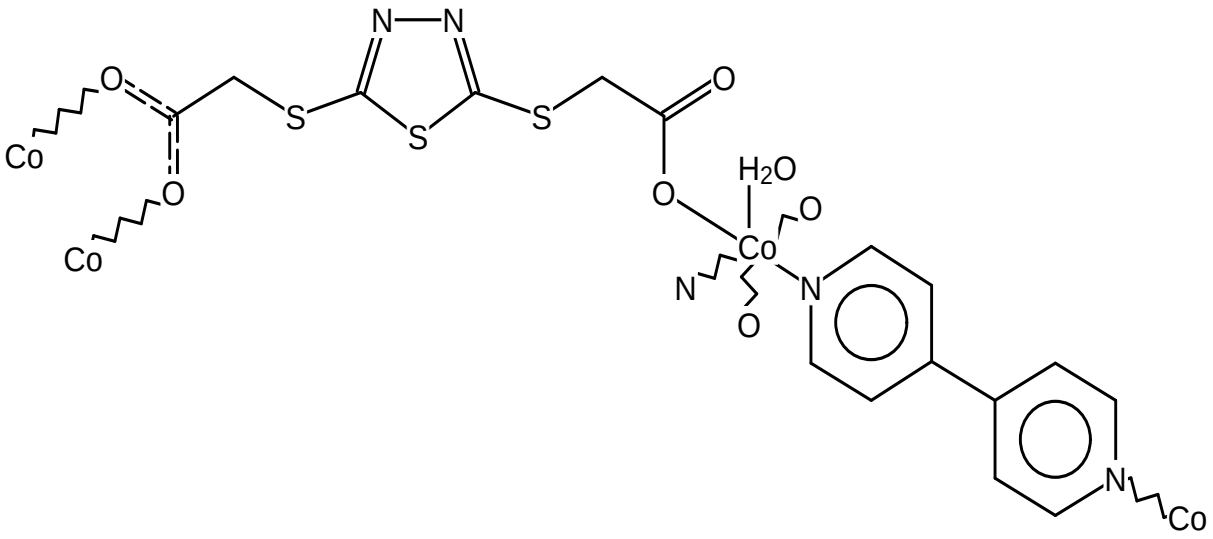
Reference: Yu-Ting Wang, Xiao-Qing Shen, Yao-Ting Fan, Hong-Chang Yao, Hong-Wei Hou (2008) *Supramol.Chem. ,***20,**501

Formula: $(C_{16}\ H_{14}\ Co_1\ N_4\ O_5\ S_3)n$

Compound Name: catena-((μ_3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-aqua-cobalt)

Space Group:	Pbca	***Cell:***	***a***	18.096(1)	***b***	9.050(0)	***c***	22.588(1)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.47 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.786



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 214

BIYYOY

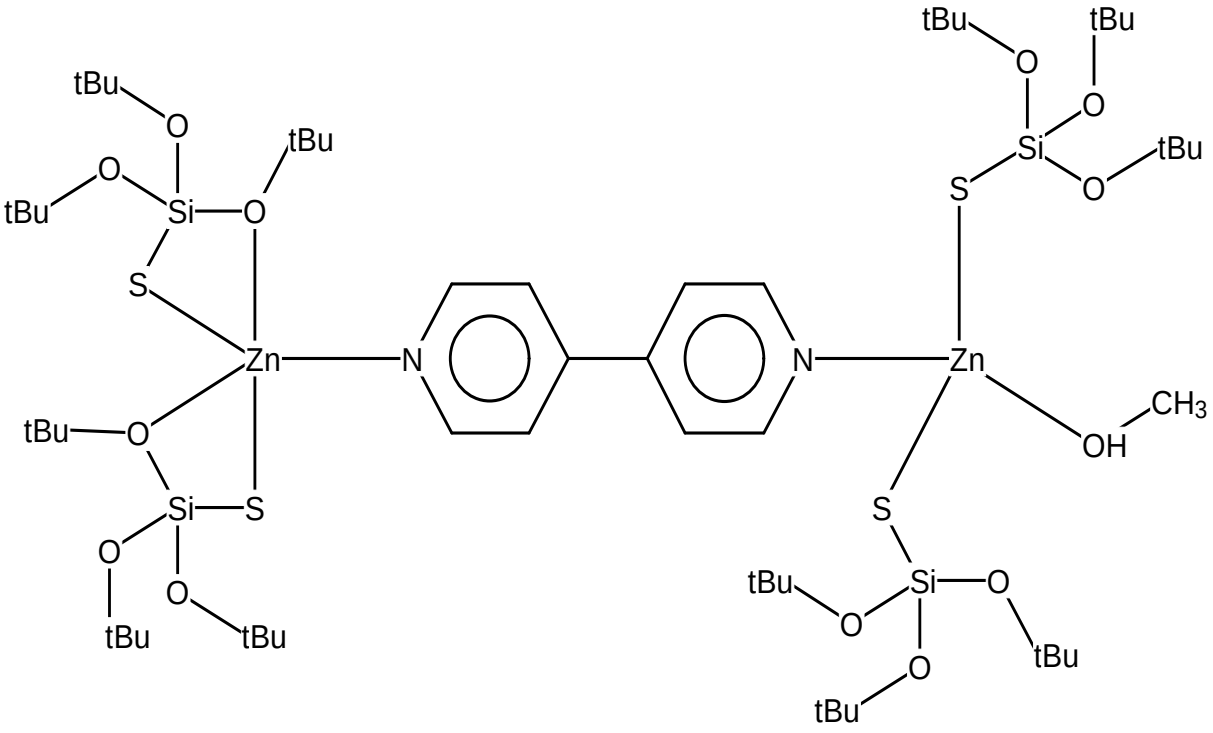
Reference: A.Dolega, K.Baranowska (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m616

Formula: $C_{59}\ H_{120}\ N_2\ O_{13}\ S_4\ Si_4\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-(methanol-O)-bis(tri-t-butoxysilanethiolato-O,S)-bis(tri-t-butoxysilanethiolato-S)-di-zinc(ii)

Space Group:	Cc	***Cell:***	***a***	9.590(0)	***b***	36.838(1)	***c***	22.761(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β	99.13(0)	γ	90.00

R-Factor (%):	4.40	***Temperature(K):***	120	***Density(g/cm^3):***	1.202



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 215

BOCTET

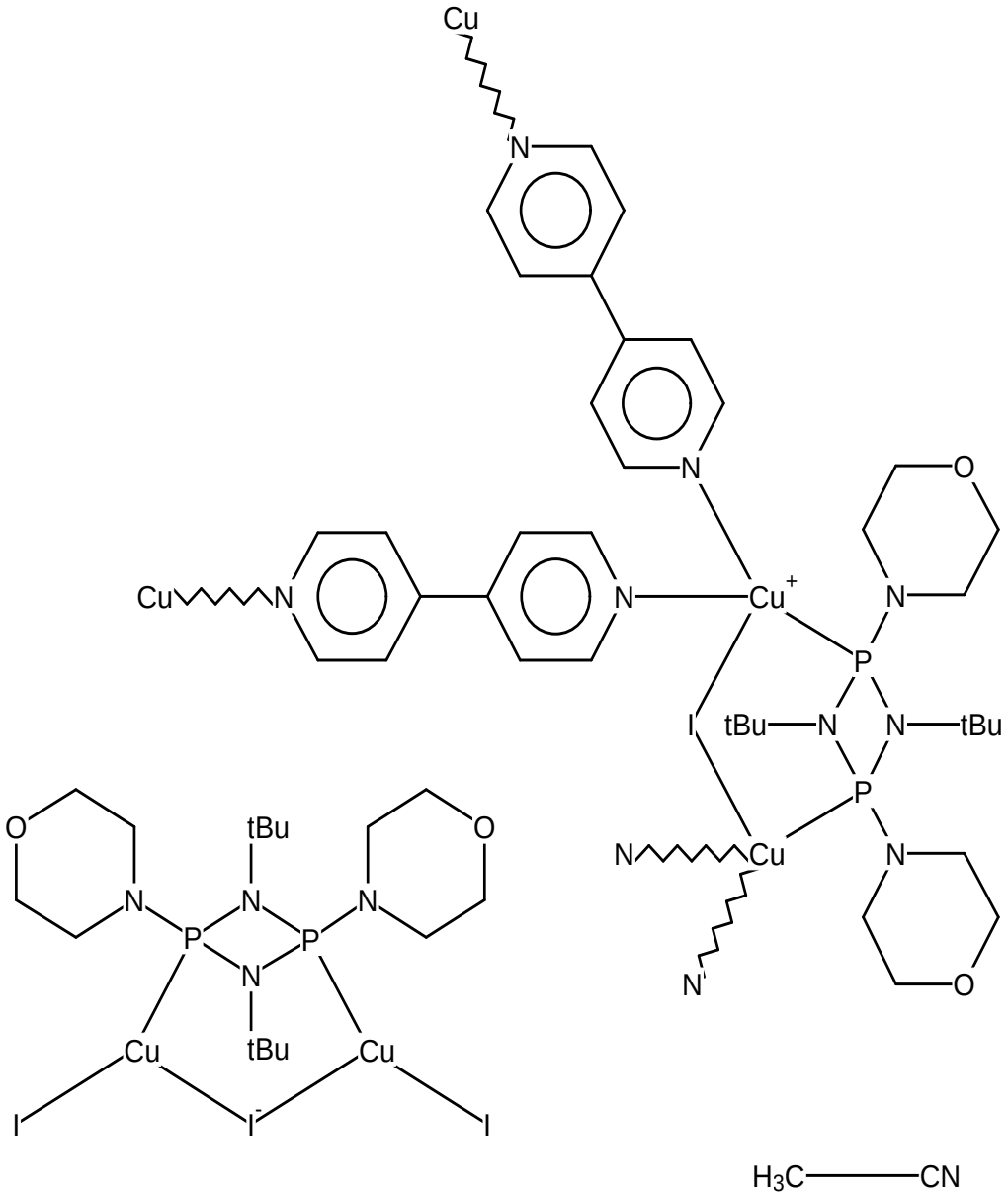
Reference: D.Suresh, M.S.Balakrishna, J.T.Mague (2008)
Dalton Trans. ,3272

Formula: $(C_{36}\ H_{50}\ Cu_2\ I_1\ N_8\ O_2\ P_2\ ^{1+})n,n(C_{16}\ H_{34}\ Cu_2\ I_3\ N_4\ O_2\ P_2\ ^{1-}),2n(C_2\ H_3\ N_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-(μ_2-4,4'-(1,3-di-t-butyl-1,3,2,4-diazadiphosphetidine-2,4-diyl)dimorpholine-P,P')-(μ_2-iodo)-di-copper(i) (μ_2-4,4'-(1,3-di-t-butyl-1,3,2,4-diazadiphosphetidine-2,4-diyl) dimorpholine-P,P')-(μ_2-iodo)-diiodo-di-copper(i) acetonitrile solvate)

Space Group:	Pccn	***Cell:***	***a***	22.928(1)	***b***	14.818(0)	***c***	21.085(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.81 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.770



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 216

BODJEK

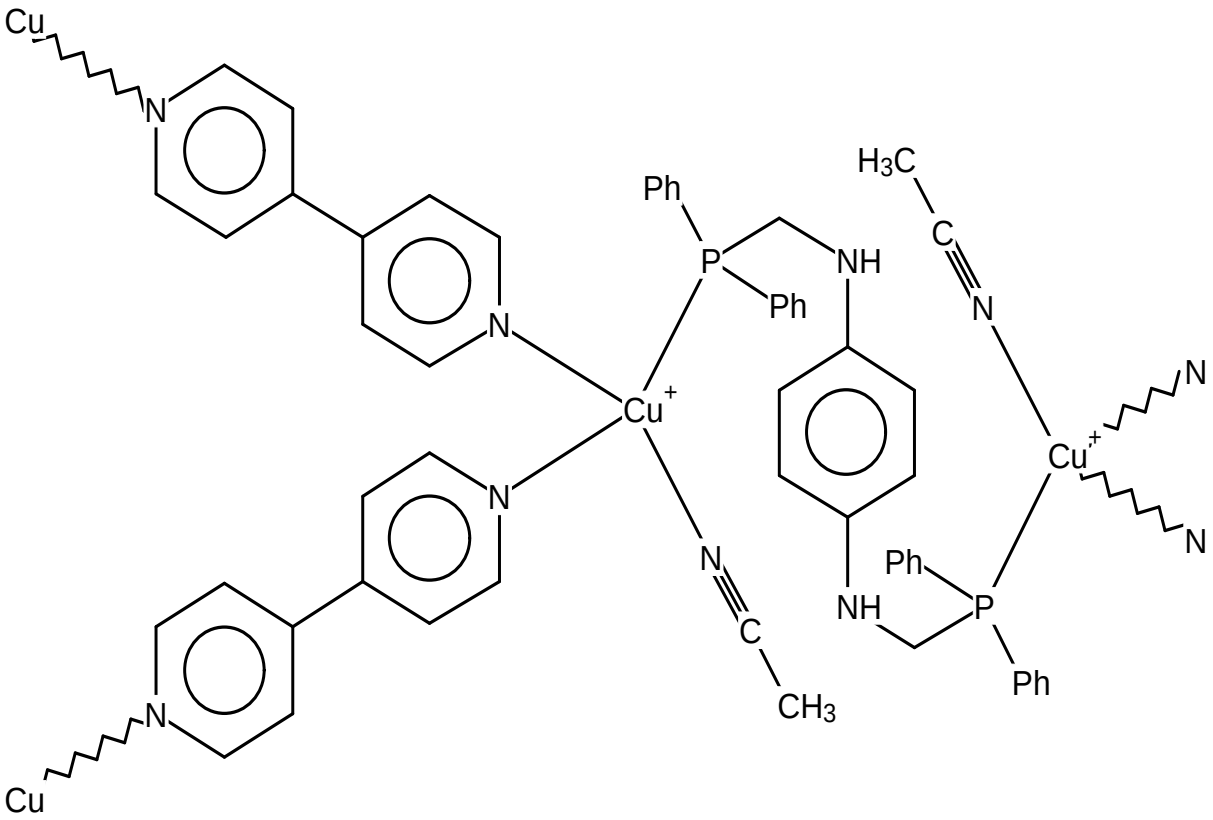
Reference: Xiu-Jian Wang, Liu-Cheng Gui, Qing-Ling Ni, Yan-Fang Liao, Xuan-Feng Jiang, Ling-Hua Tang, Zhong Zhang, Qiang Wu (2008) *CrystEngComm* ,**10,**1003

Formula: $(C_{56}\ H_{52}\ Cu_2\ N_8\ P_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_3\ H_6\ O_1)$

Compound Name: catena-[bis(μ$_2$-4,4'-Bipyridine)-(μ$_2$-trans-N,N'-bis((diphenylphosphino) methyl)benzene-1,4-diamine-P,P')-bis(acetonitrile)-di-copper(i) diperchlorate acetone solvate]

Space Group:	P21/n	***Cell:***	***a***	11.003(0)	***b***	18.866(0)	***c*** 15.761(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	102.73(0)	γ 90.00

R-Factor (%): 4.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.396



ClO_4^- $H_3C{-}{-}COMe$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 217

BODJUA

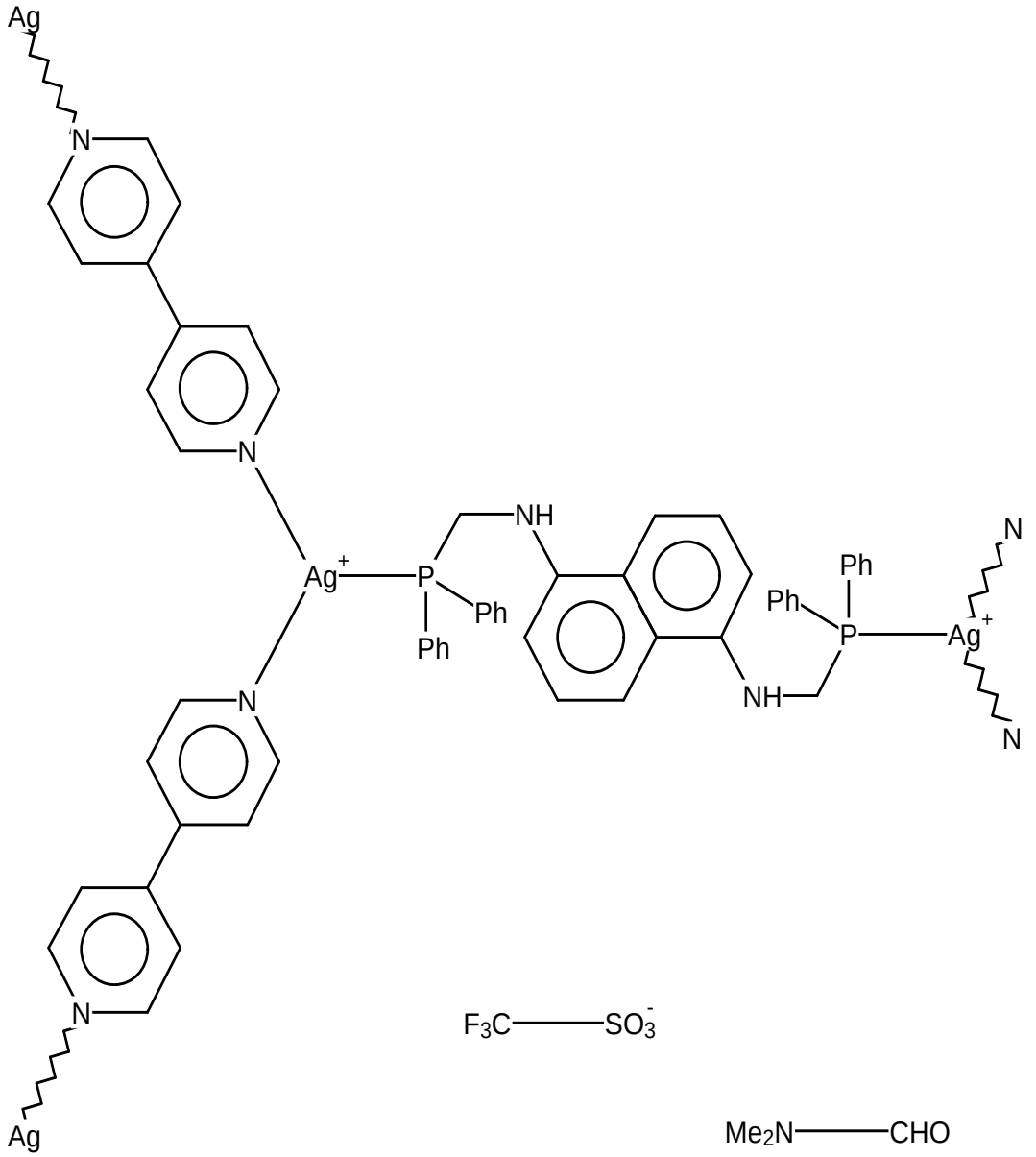
Reference: Xiu-Jian Wang, Liu-Cheng Gui, Qing-Ling Ni, Yan-Fang Liao, Xuan-Feng Jiang, Ling-Hua Tang, Zhong Zhang, Qiang Wu (2008) *CrystEngComm* ,**10,**1003

Formula: $(C_{56}\ H_{48}\ Ag_2\ N_6\ P_2\ ^{2+})n,2n(C_1\ F_3\ O_3\ S_1\ ^{1-}),2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[bis(μ$_2$-4,4'-Bipyridine-N,N')-(μ$_2$-trans-N,N'-bis((diphenylphosphino)methyl)naphthalene-1,5-diamine-P,P')-di-silver(i) bis(trifluoromethanesulfonate) dimethylformamide solvate]

Space Group:	P-1	***Cell:***	***a***	9.645(1)	***b*** 12.409(1)	***c***	14.002(1)
Space Group No.:	2	***(Å,°)***	α	103.03(0)	β 98.03(0)	γ	91.02(0)

R-Factor (%): 4.10 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.571



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 218

BODLUC

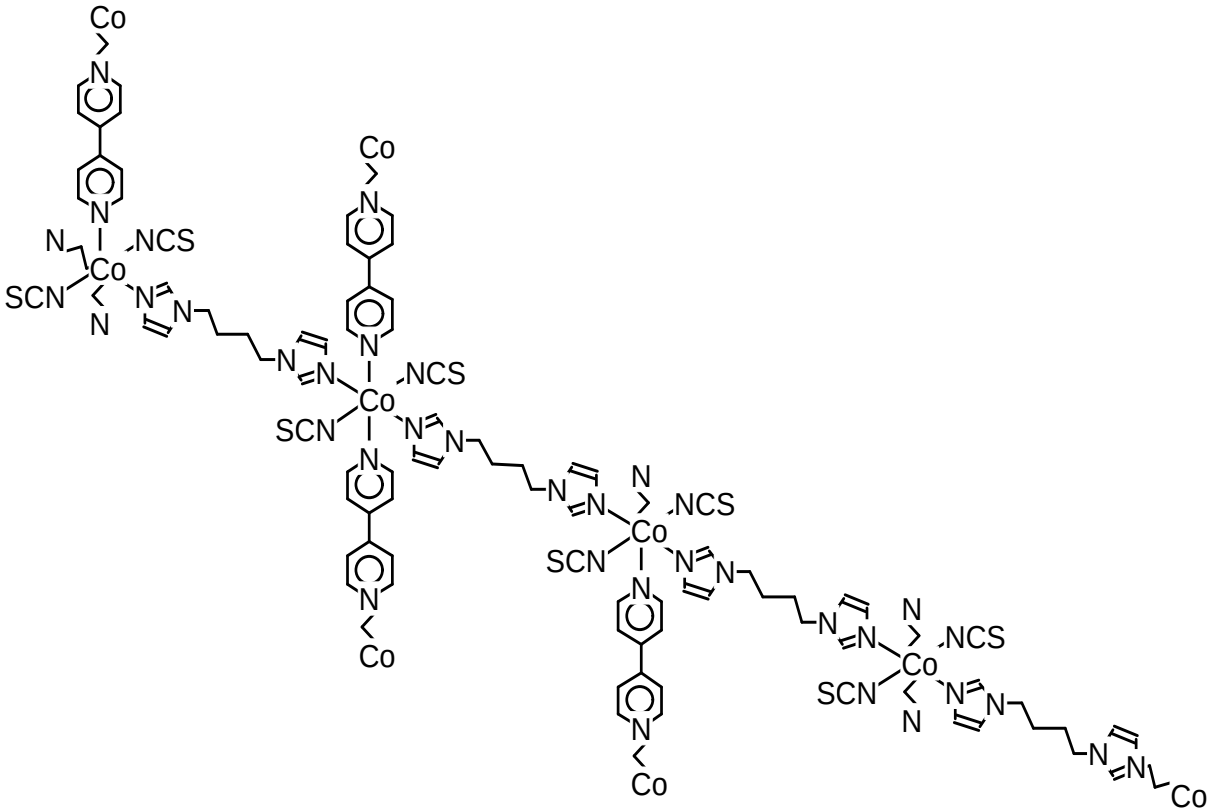
Reference: Yan Qi, Yun-Xia Che, S.R.Batten, Ji-Min Zheng (2008) *CrystEngComm* ,**10,**1027

Formula: $(C_{88}\ H_{88}\ Co_4\ N_{32}\ S_8)n$

Compound Name: catena-[tetrakis(4,4'-Bipyridine-N,N')-tetrakis(μ_2-1,4-bis(imidazol-1-yl) butane-N^3,$N^{3'}$)-octakis(isothiocyanato)-tetra-cobalt(ii)]

Space Group:	C2/c	***Cell:***	***a***	37.034(7)	***b*** 11.725(2)	***c***	23.127(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.75(3)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.457


Co
N
NCS
SCN
Co
N
N
N

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 219

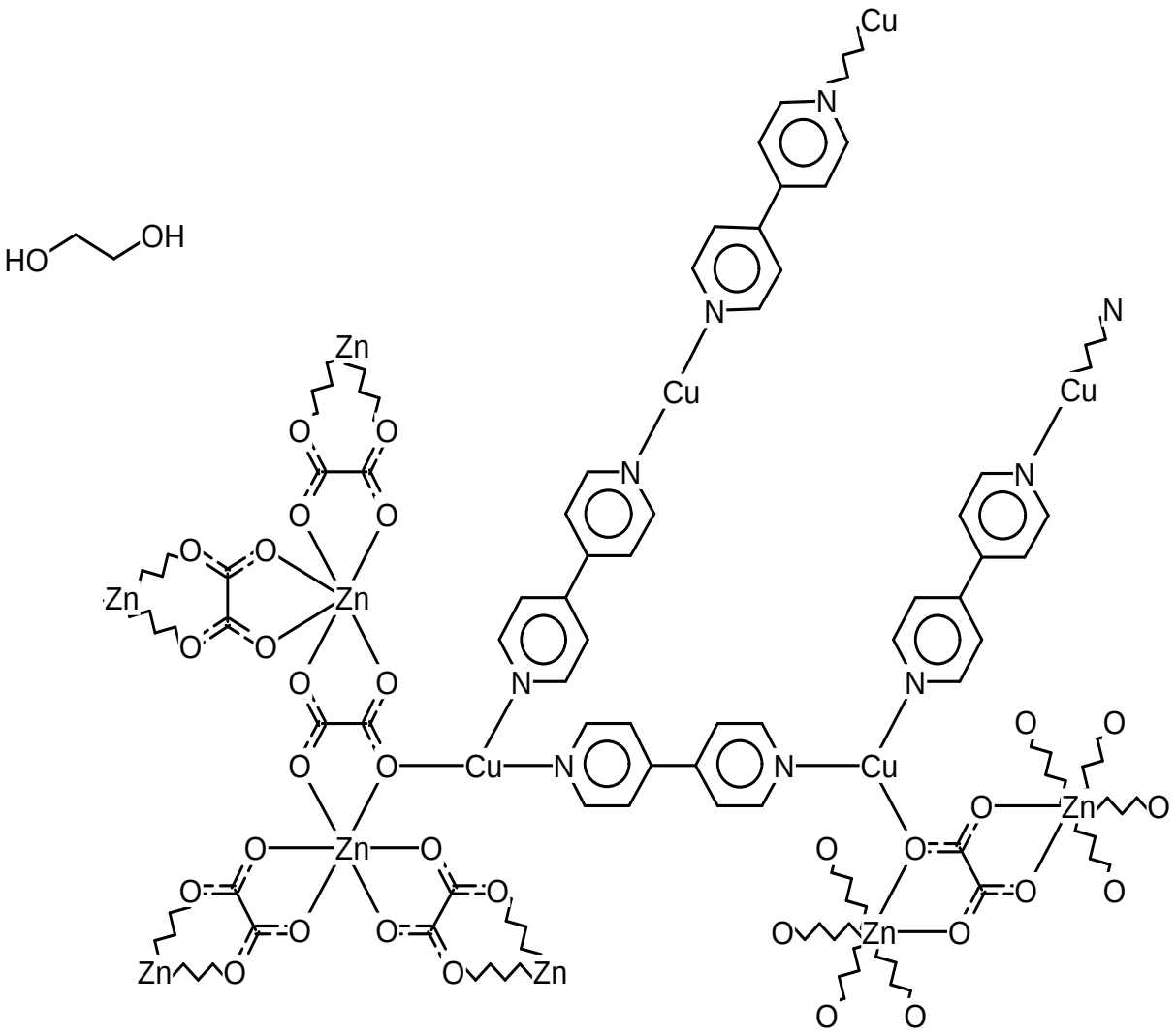
BOFGUZ

Reference: Gui-Li Wang, Xiao-Li Yang, Yan Liu, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2008) *Inorg.Chem.Commun. ,***11,**814

Formula: $(C_{52}\ H_{32}\ Cu_4\ N_8\ O_{24}\ Zn_4)n,2n(C_2\ H_6\ O_2)$

Compound Name: catena-(bis(μ_3-oxalato)-tris(μ_2-oxalato)-tetrakis(μ_2-4,4'-bipyridine)-tetra-copper(i)-tetra-zinc(ii) ethylene glycol solvate)

Space Group:	P21/n	***Cell:***	***a***	9.990(1)	***b***	15.153(3)	***c*** 20.307(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.15(0)	γ 90.00
R-Factor (%):	5.66	***Temperature(K):***	291	***Density(g/cm^3):***	1.942		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 220

BOFHIO

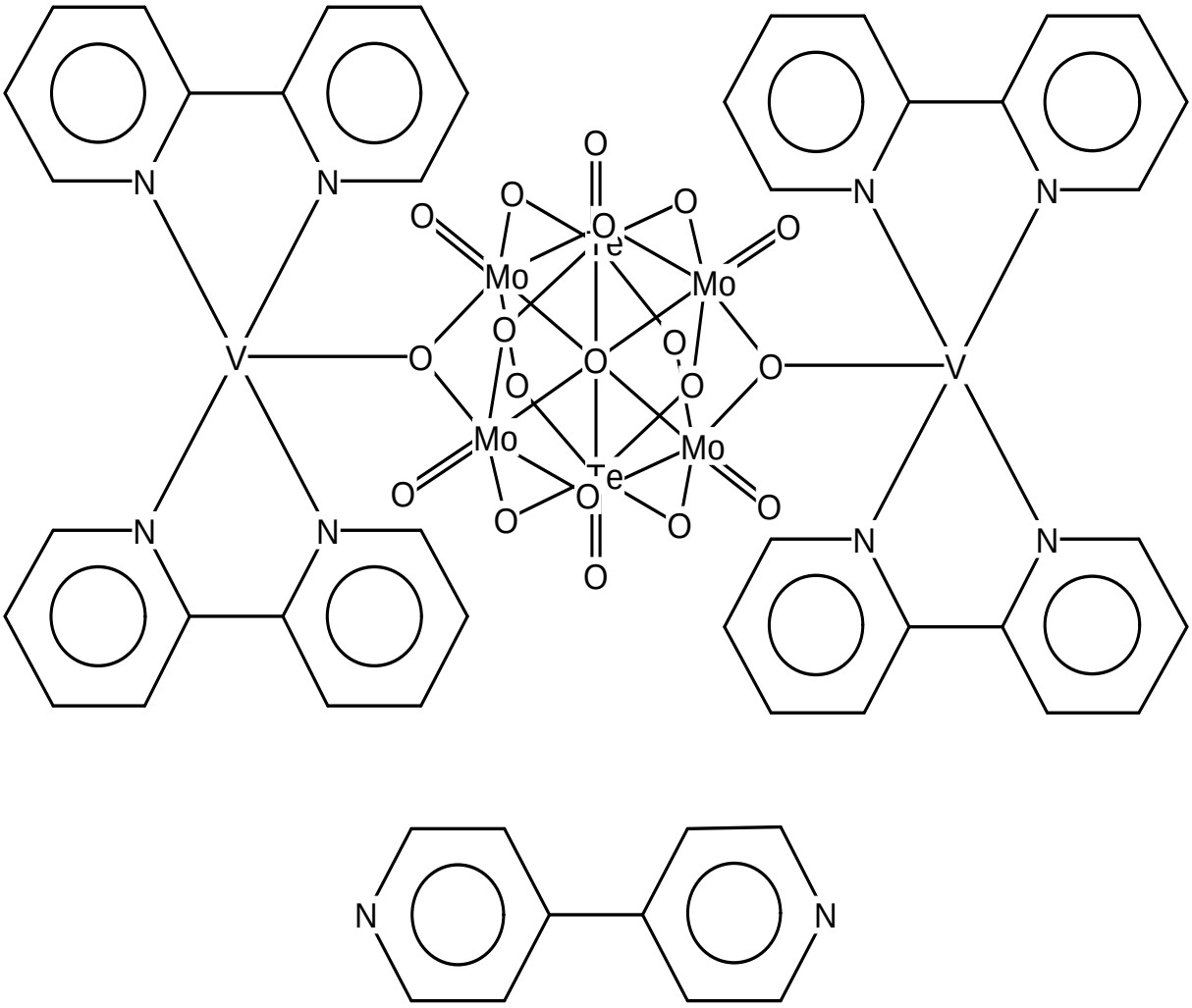
Reference: Jingping Wang, Guoqian Zhang, Pengtao Ma, Jingyang Niu (2008) *Inorg.Chem.Commun.* ,**11,**825

Formula: $C_{40}\ H_{32}\ Mo_4\ N_8\ O_{19}\ Te_2\ V_2$,$C_{10}\ H_8\ N_2$

Compound Name: (μ_6-oxo)-bis(μ_3-oxo)-decakis(μ_2-oxo)-hexaoxo-tetrakis(2,2'-bipyridine)-tetra-molybdenum-di-tellurium-di-vanadium 4,4'-bipyridine

Space Group:	P-1	***Cell:***	***a***	10.412(2)	***b***	11.158(2)	***c*** 12.670(3)
Space Group No.:	2	***(Å,°)***	α	75.08(3)	β	78.88(3)	γ 71.69(3)

R-Factor (%): 4.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.262


N
N
N
N
V
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 221

BOKLUJ

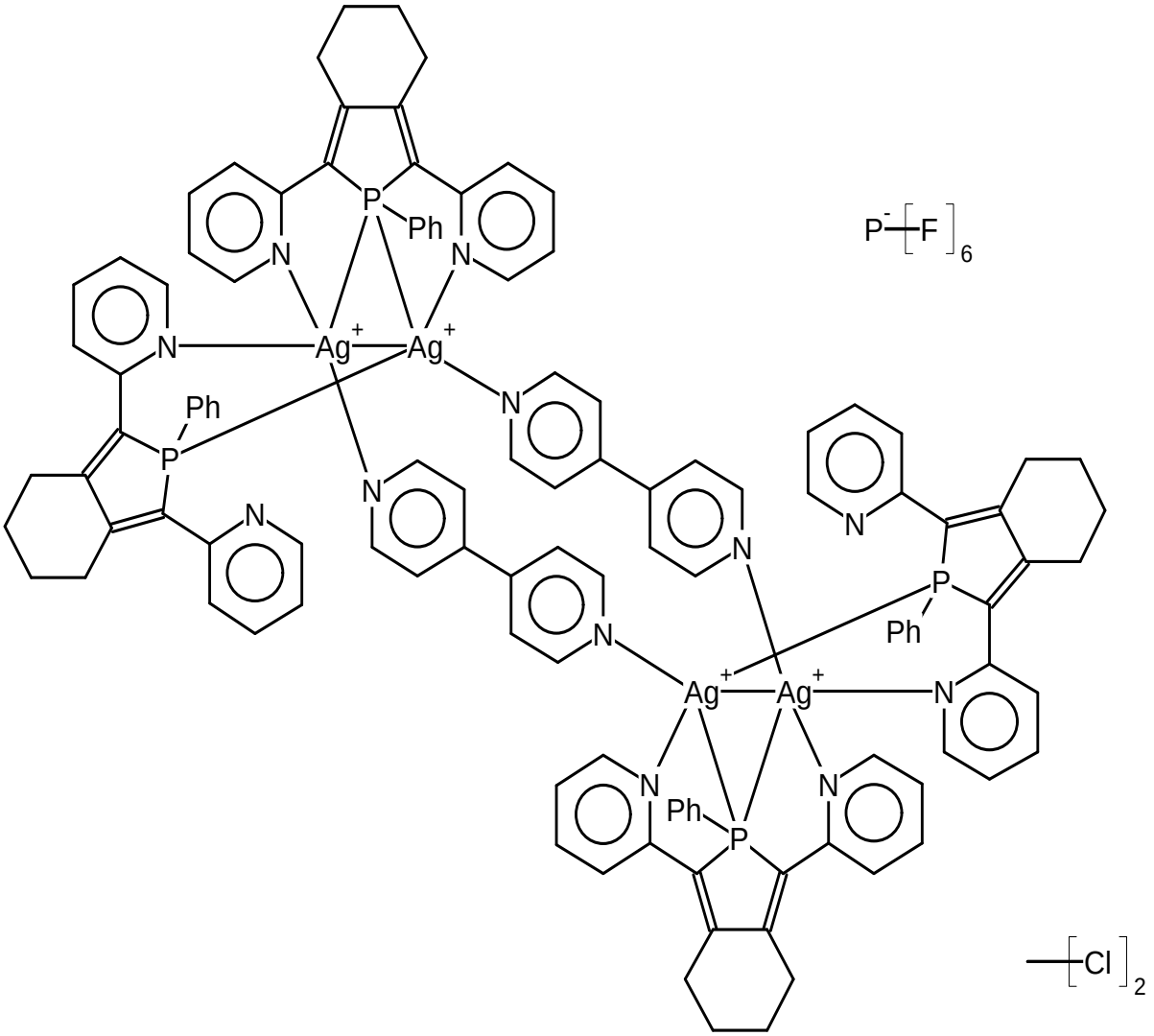
Reference: S.Welsch, C.Lescop, M.Scheer, R.Reau (2008) *Inorg.Chem. ,***47,**8592

Formula: $C_{116}\,H_{100}\,Ag_4\,N_{12}\,P_4\,^{4+}$,4($F_6\,P_1\,^{1-}$),12($C_1\,H_2\,Cl_2$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,3-bis(2-pyridyl)-2-phenyl-4,5,6,7-tetrahydro-2H-isophosphindole-N,N',P,P)-bis(μ_2-1,3-bis(2-pyridyl)-2-phenyl-4,5,6,7-tetrahydro-2H-isophosphindole-N,P)-tetra-silver(i) tetrakis(hexafluorophosphate) dichloromethane solvate

Space Group:	P-421c	***Cell:***	***a***	20.627(0)	***b***	20.627(0)	***c***	34.638(0)
Space Group No.:	114	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.60 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.720



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 222

BOKLUJ01

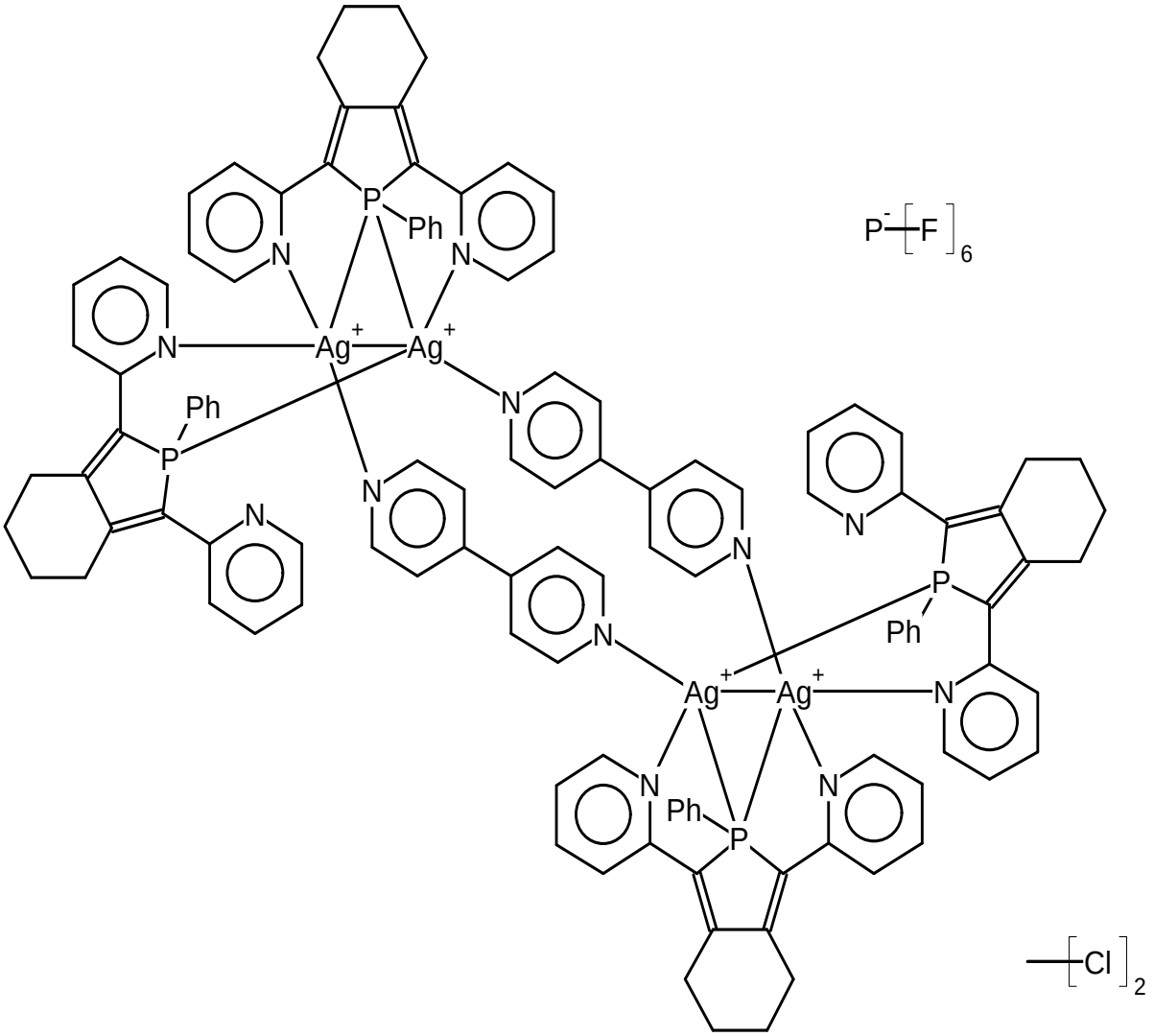
Reference: S.Welsch, B.Nohra, E.V.Peresypkina, C.Lescop, M.Scheer, R.Reau (2009) *Chem.-Eur.J.* ,**15,**4685

Formula: $C_{116}\ H_{100}\ Ag_4\ N_{12}\ P_4\ ^{4+}$,4($F_6\ P_1\ ^{1-}$),12($C_1\ H_2\ Cl_2$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,3-bis(2-pyridyl)-2-phenyl-4,5,6,7-tetrahydro-2H-isophosphindole-N,N',P,P)-bis(μ_2-1,3-bis(2-pyridyl)-2-phenyl-4,5,6,7-tetrahydro-2H-isophosphindole-N,P)-tetra-silver(i) tetrakis(hexafluorophosphate) dichloromethane solvate

Space Group:	P-421c	***Cell:***	***a***	20.627(0)	***b***	20.627(0)	***c***	34.638(0)
Space Group No.:	114	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.60 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.720



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 223

BOKTUQ

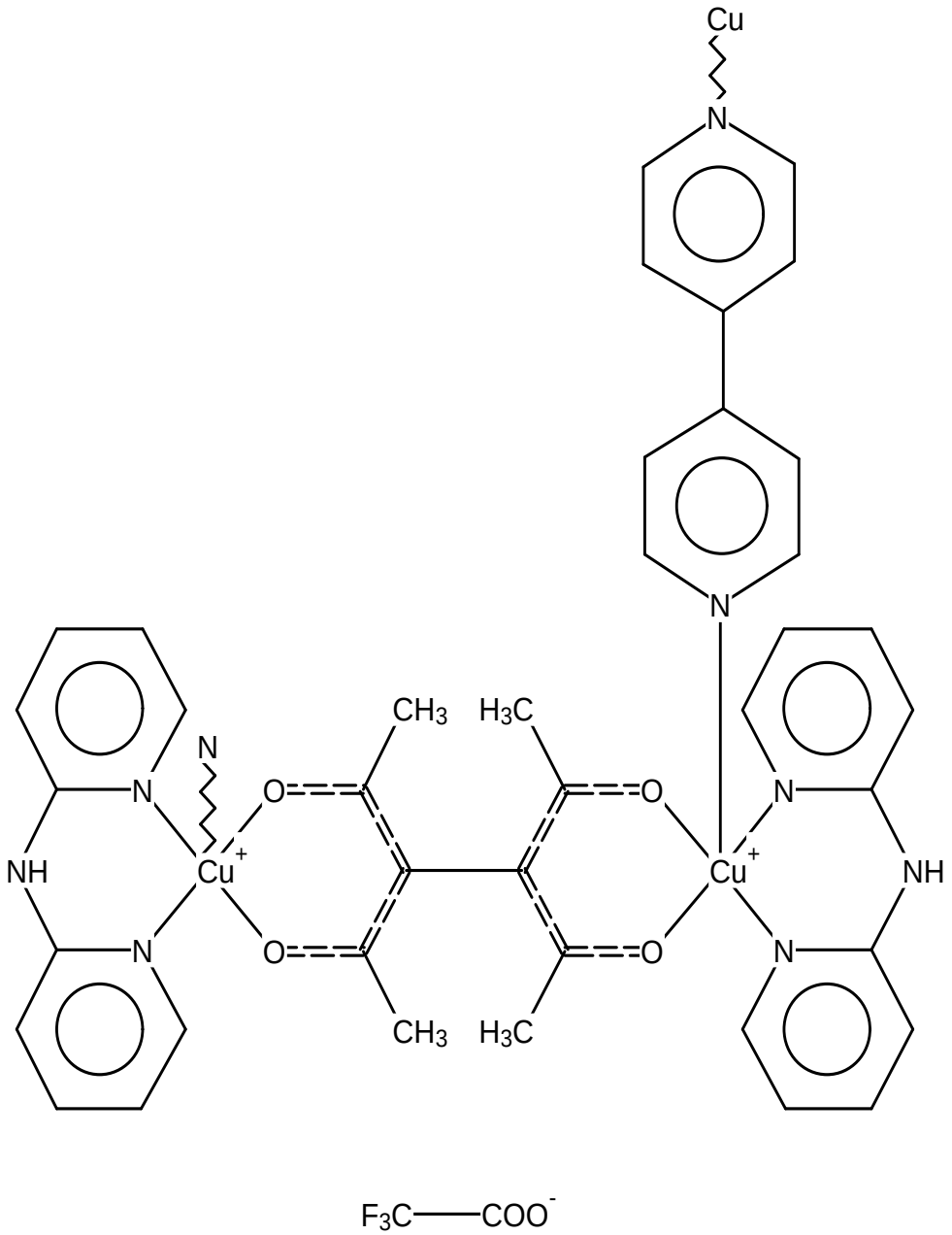
Reference: Yousheng Zhang, S.R.Breeze, Suning Wang, J.E.Greedan, N.P.Raju, Lijuan Li (1999) *Can.J.Chem. ,***77,**1424

Formula: $(C_{40}\ H_{38}\ Cu_2\ N_8\ O_4\ ^{2+})n,2n(C_2\ F_3\ O_2\ ^{1-})$

Compound Name: catena[(μ_2-Tetra-acetylethylene-O,O',O'',O''')-(μ_2-4,4'-bipyridyl-N,N')-bis(2,2'-dipyridylamine)-dicopper(ii) bis(trifluoroacetate)]

Space Group:	P21/c	***Cell:***	***a***	11.454(4)	***b***	22.598(5)	***c*** 17.805(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.28(3)	γ 90.00

R-Factor (%): 7.45 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.535



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 224

BOKWII

Reference: F.Marandi, M.Khosravi, Hoong-Kun Fun (2008)
Z.Anorg.Allg.Chem. ,**634,**2617

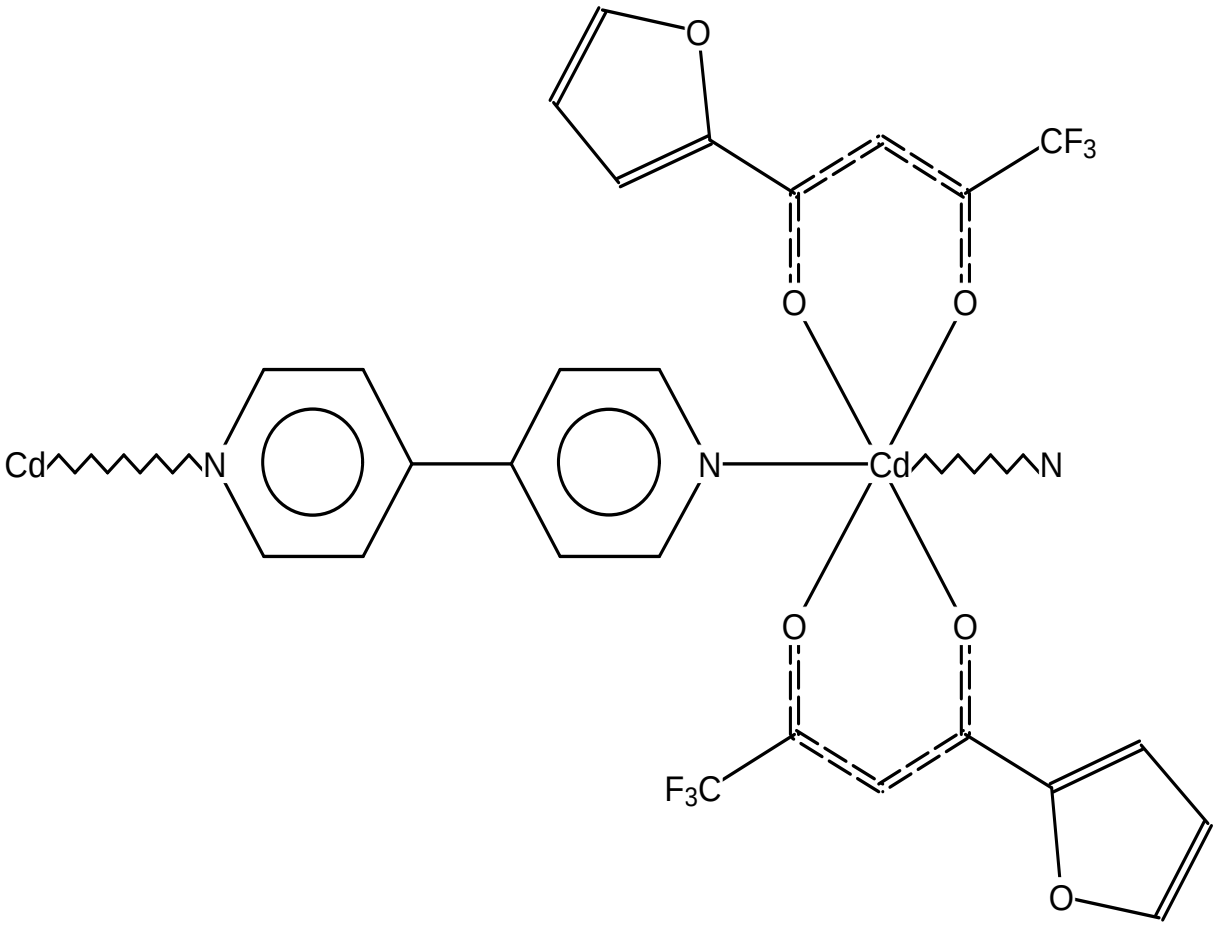
Formula: $(C_{26}\ H_{16}\ Cd_1\ F_6\ N_2\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(furoyltrifluoroacetonato-O,O')-cadmium(ii)]

Synonym: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(4,4,4-trifluoro-1-(2-furyl)-1,3-butanedionato-O,O')-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	10.188(0)	***b***	11.785(0)	***c***	21.583(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.84(0)	γ	90.00

R-Factor (%): 3.31 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.746



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 225

BOKXUV

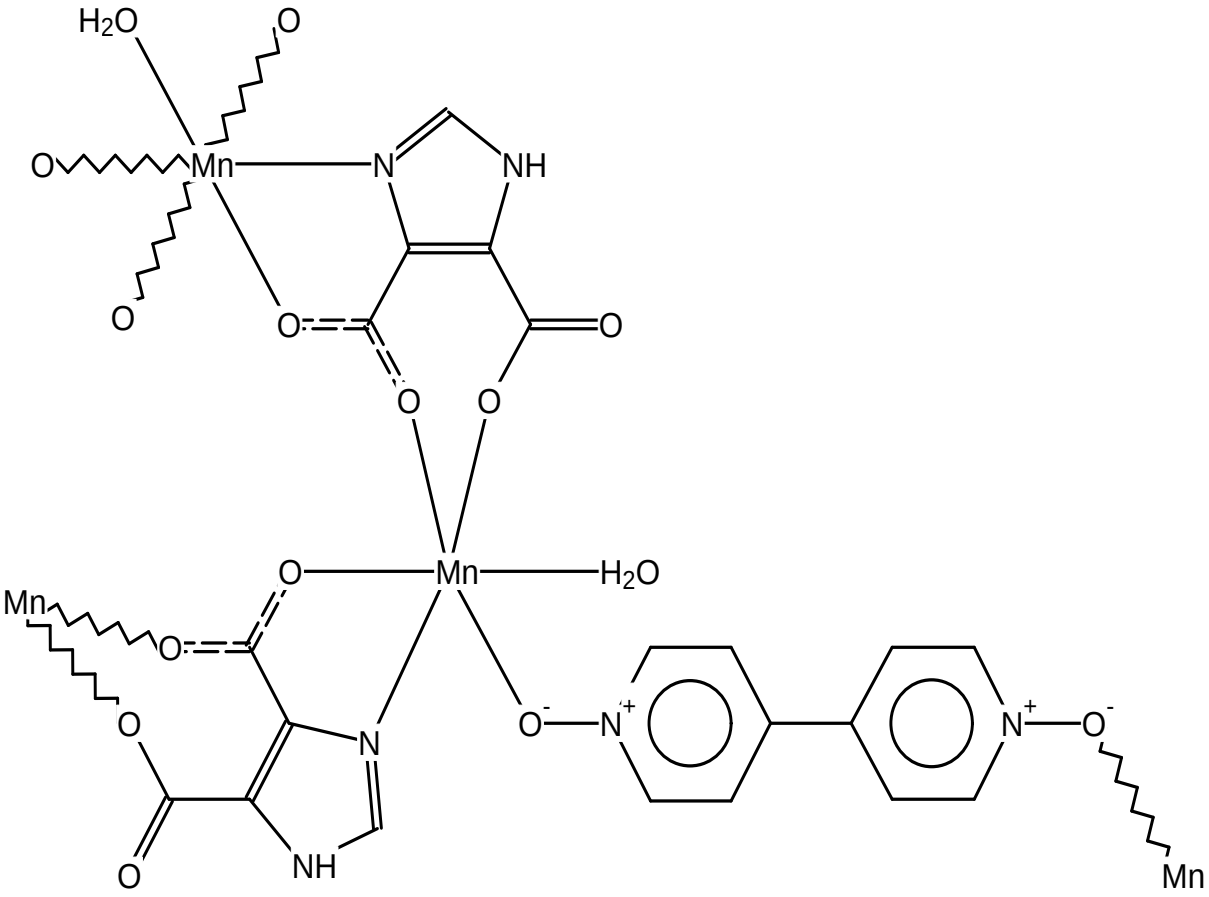
Reference: Dong-E Wang, Feng Wang, Xiang-Gao Meng, Yu Ding, Li-Li Wen, Dong-Feng Li, She-Ming Lan (2008) *Z.Anorg.Allg.Chem.* , **634,**2643

Formula: $(C_{20}\ H_{16}\ Mn_2\ N_6\ O_{12})n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(μ_2-1H-imidazole-4,5-dicarboxylato-N^3,O,O',O'')-diaqua-di-manganese(ii)]

Space Group:	P21/c	***Cell:***	***a***	7.089(1)	***b***	8.542(1)	***c*** 19.542(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.29(0)	γ 90.00

R-Factor (%): 3.62 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.826



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 226

BONTIH

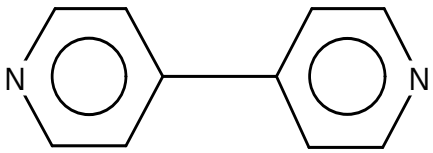
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

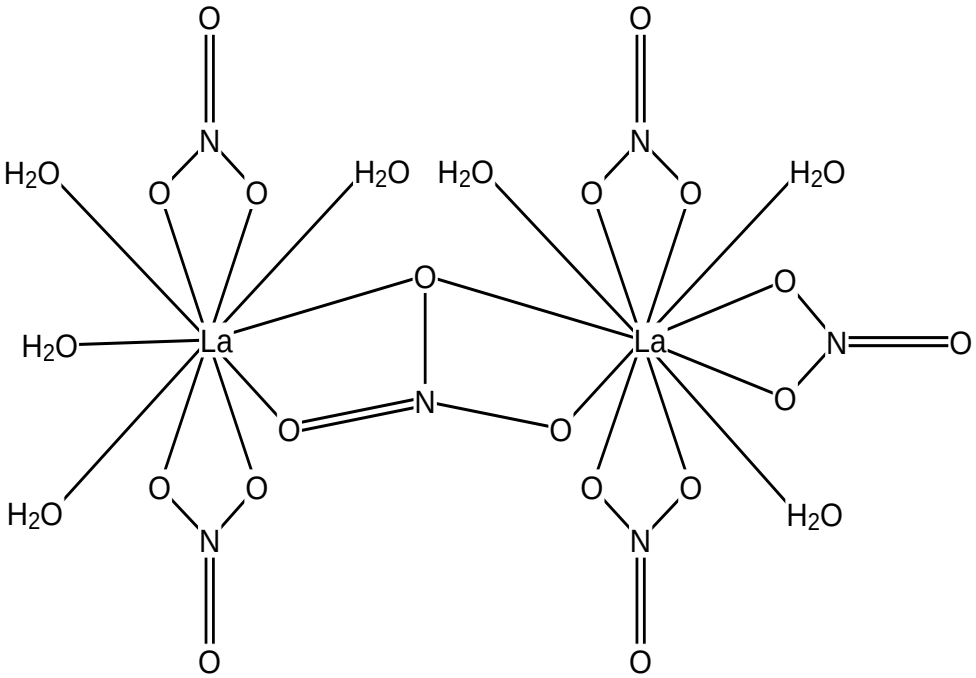
Formula: $4(C_{10}\ H_8\ N_2),H_{14}\ La_2\ N_6\ O_{25}$

Compound Name: (μ_2-Nitrato-O,O',O'')-hepta-aqua-(pentanitrato-O,O')-di-lanthanum tetrakis(4,4'-bipyridyl)

Space Group:	Cmc21	***Cell:***	***a***	24.520(20)	***b***	16.673(12)	***c***	13.245(8)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.718





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 227

BONTON

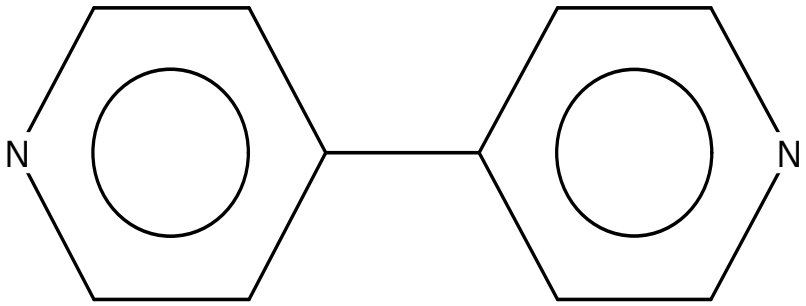
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

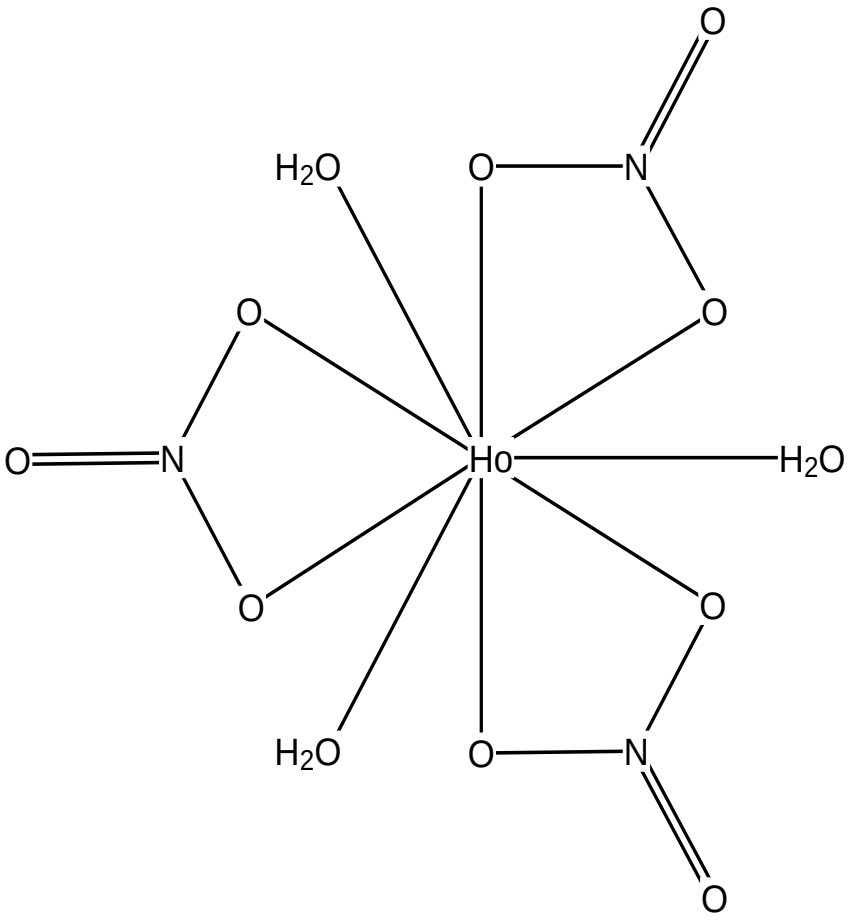
Formula: $2(C_{10}\,H_8\,N_2),H_6\,Ho_1\,N_3\,O_{12}$

Compound Name: Triaqua-tris(nitrato-O,O')-holmium bis(4,4'-bipyridyl)

Space Group:	Pbca	***Cell:***	***a***	7.731(7)	***b***	43.770(80)	***c***	15.670(30)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.797





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 228

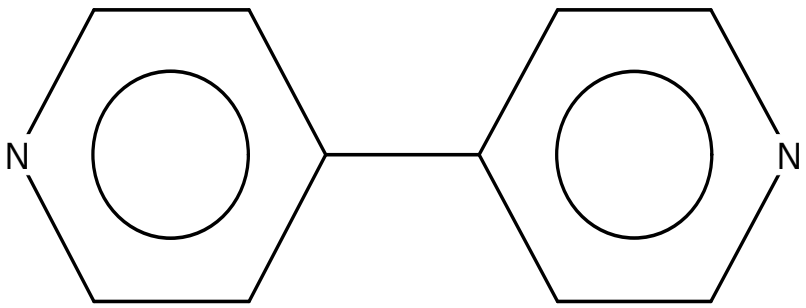
BONTON01

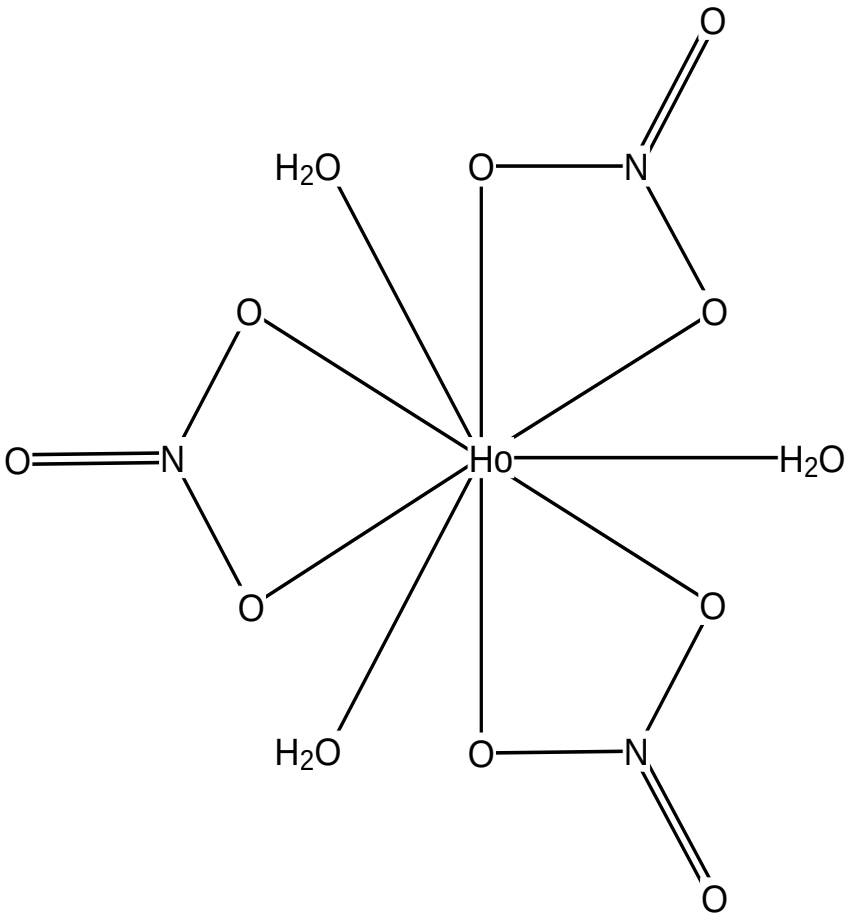
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

Formula: $2(C_{10}H_8N_2),H_6Ho_1N_3O_{12}$

Compound Name: Triaqua-tris(nitrato-O,O')-holmium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.917(7)	***b***	20.790(30)	***c*** 16.540(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β	104.80(10)	γ 90.00
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		1.810





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 229

BONTON02

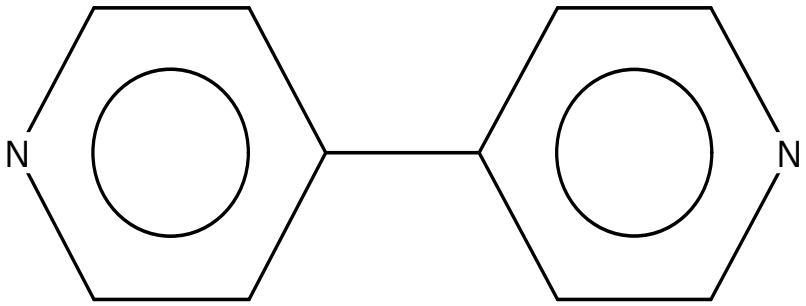
Reference: T.J.R.Weakley (1984) *Inorg.Chim.Acta* ,**95,**317

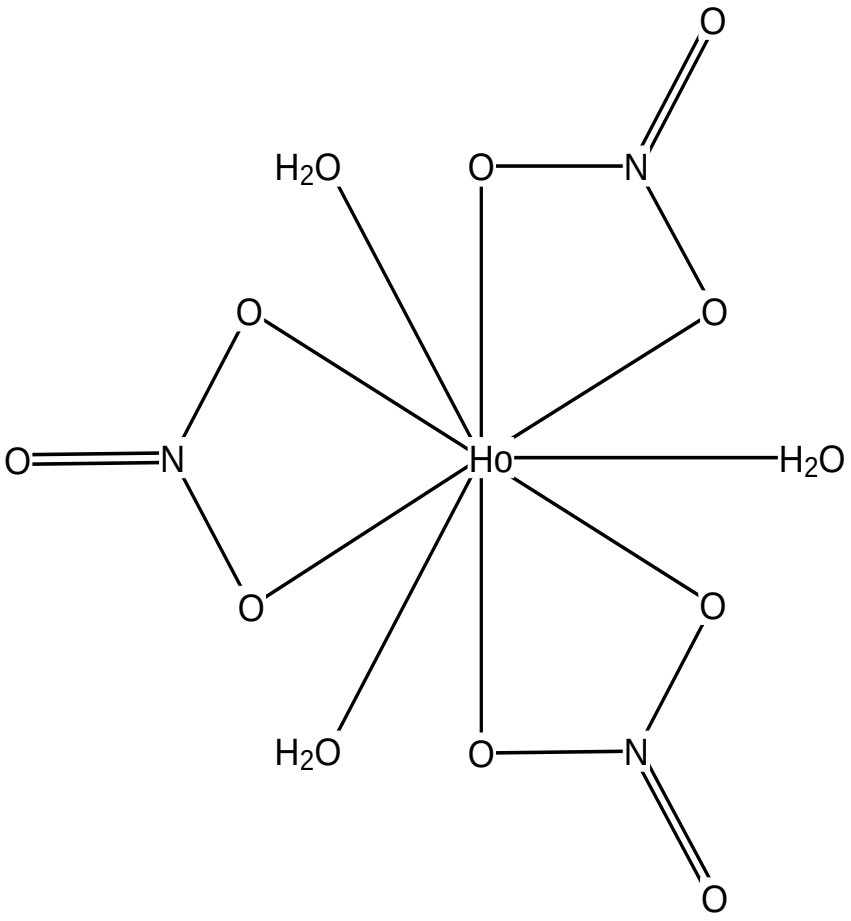
Formula: $2(C_{10}H_8N_2),H_6Ho_1N_3O_{12}$

Compound Name: bis(4,4'-Bipyridine) triaqua-tris(nitrato-O,O')-holmium(iii)

Space Group:	P21/c	***Cell:***	***a***	15.830(10)	***b*** 21.440(30)	***c***	15.700(30)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.40(20)	γ	90.00

R-Factor (%): 9.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.818





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 230

BONTUT

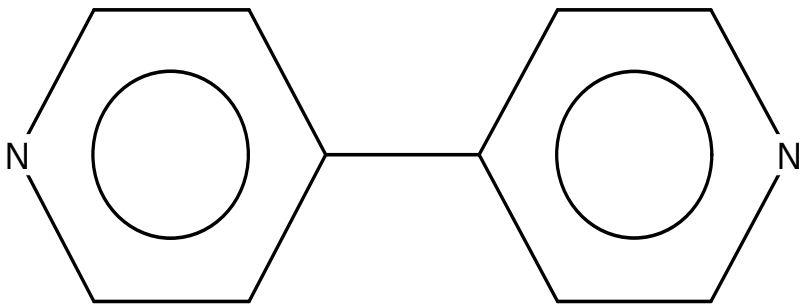
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

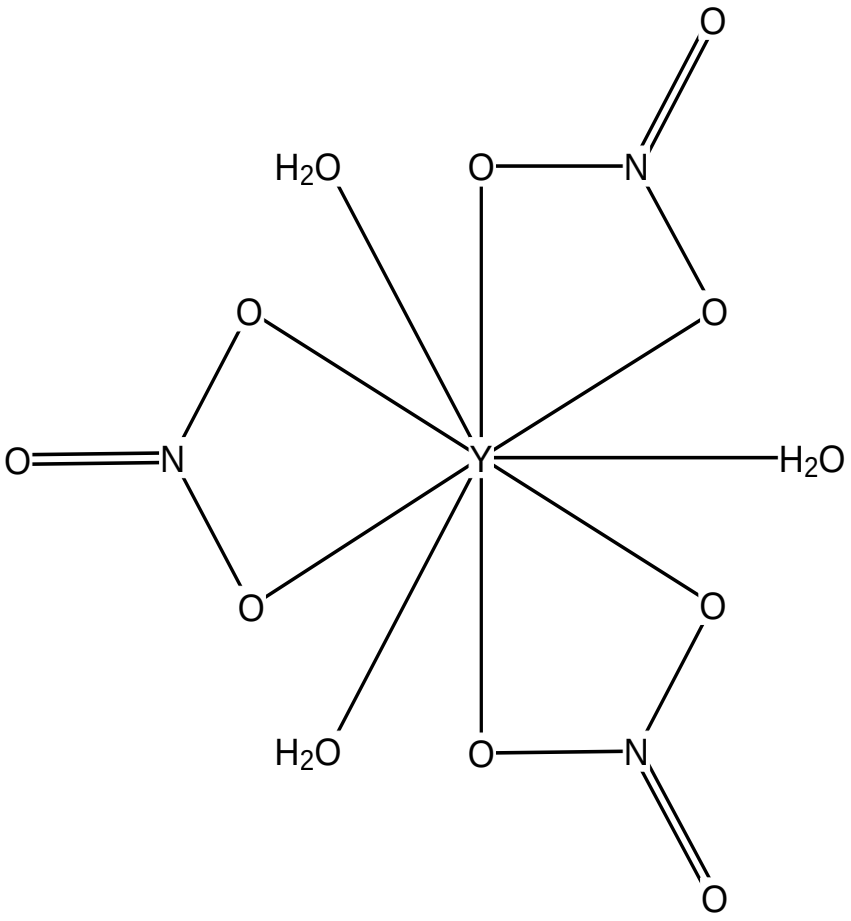
Formula: $2(C_{10}\ H_8\ N_2),H_6\ N_3\ O_{12}\ Y_1$

Compound Name: Triaqua-tris(nitrato-O,O')-yttrium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.910(6)	***b*** 20.810(20)	***c***	16.560(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.60(5)	γ	90.00

R-Factor (%): 5.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.615





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 231

BONTUT01

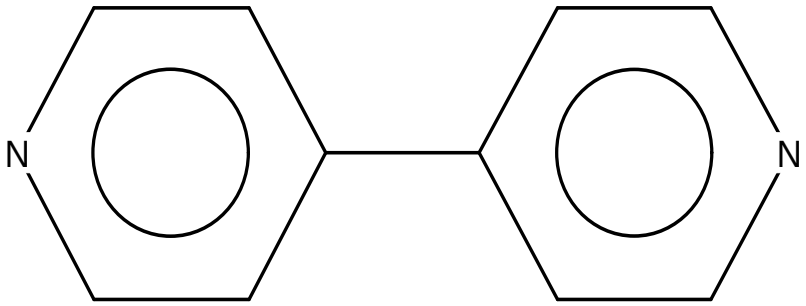
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

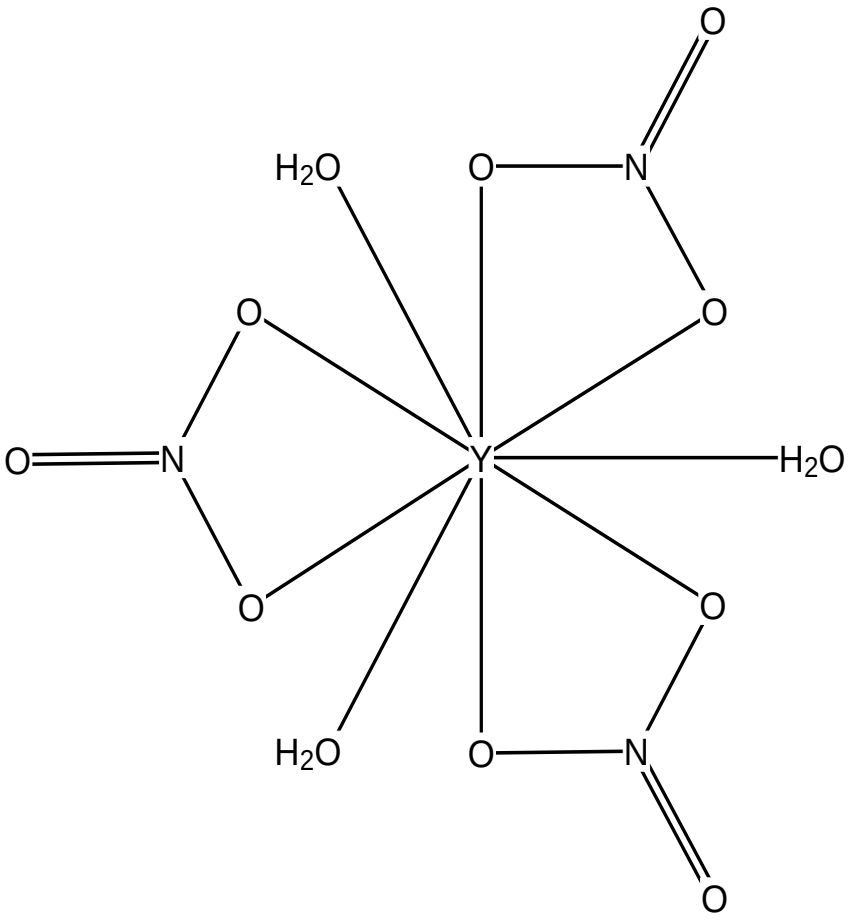
Formula: $2(C_{10}\ H_8\ N_2),H_6\ N_3\ O_{12}\ Y_1$

Compound Name: Triaqua-tris(nitrato-O,O')-yttrium bis(4,4'-bipyridyl)

Space Group:	Pbca	***Cell:***	***a***	7.758(8)	***b***	43.650(100)	***c***	15.670(30)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.606





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 232

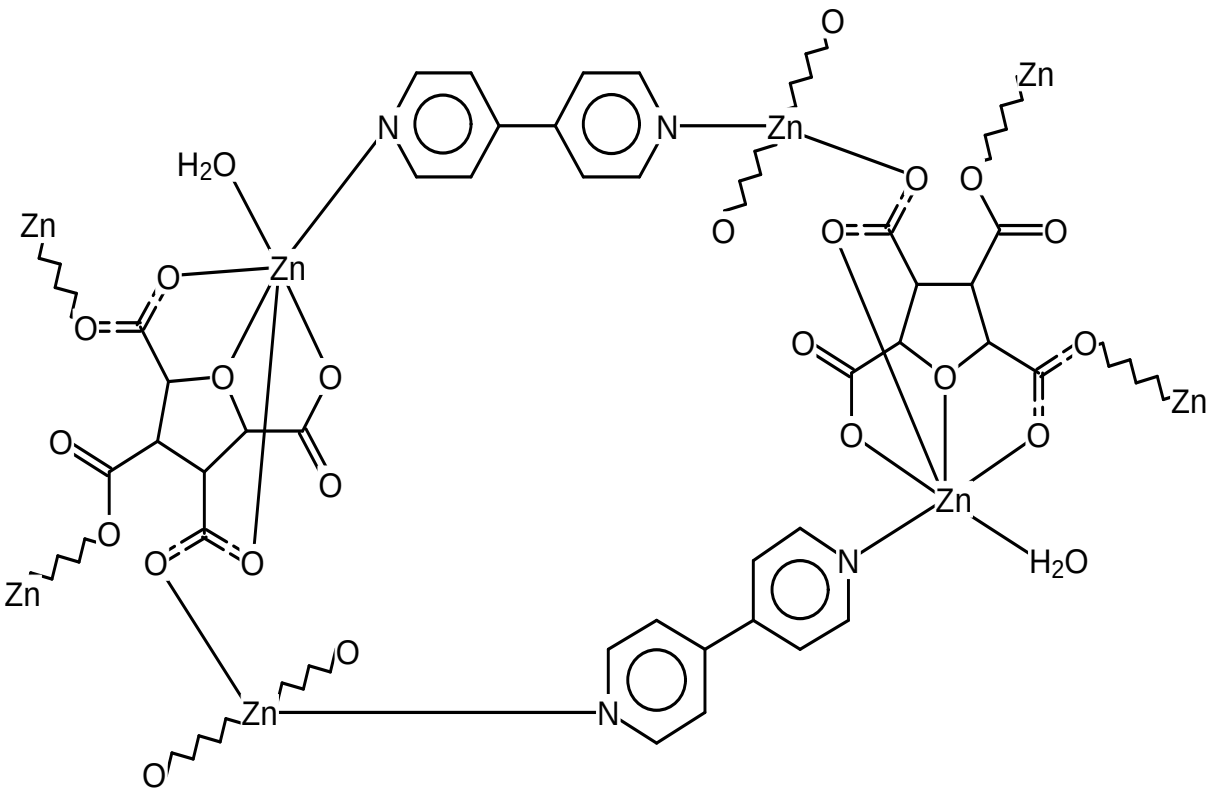
BONWEH

Reference: Lei Zhang, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Qi-Pu Lin, Yuan-Gen Yao (2009) *Chem.-Eur.J. ,***15,**989

Formula: $(C_{36}\ H_{28}\ N_4\ O_{20}\ Zn_4)n$

Compound Name: catena-((μ_4-(2S,3R,4R,5R)-Tetrahydrofurantetracarboxylato)-(μ_4-(2S,3S,4S,5R)-tetrahydrofurantetracarboxylato)-bis(μ_2-4,4'-bipyridine-N,N')-diaqua-tetra-zinc)

Space Group:	P-1	***Cell:***	***a***	7.347(0)	***b***	14.314(0)	***c***	20.579(1)
Space Group No.:	2	***(Å,°)***	α	81.58(0)	β	83.31(1)	γ	85.73(0)
R-Factor (%):	8.08	***Temperature(K):***	293	***Density(g/cm^3):***	1.718			



Search: search1 (Thu May 26 10:05:42 2011): Hit 233

BONWIL

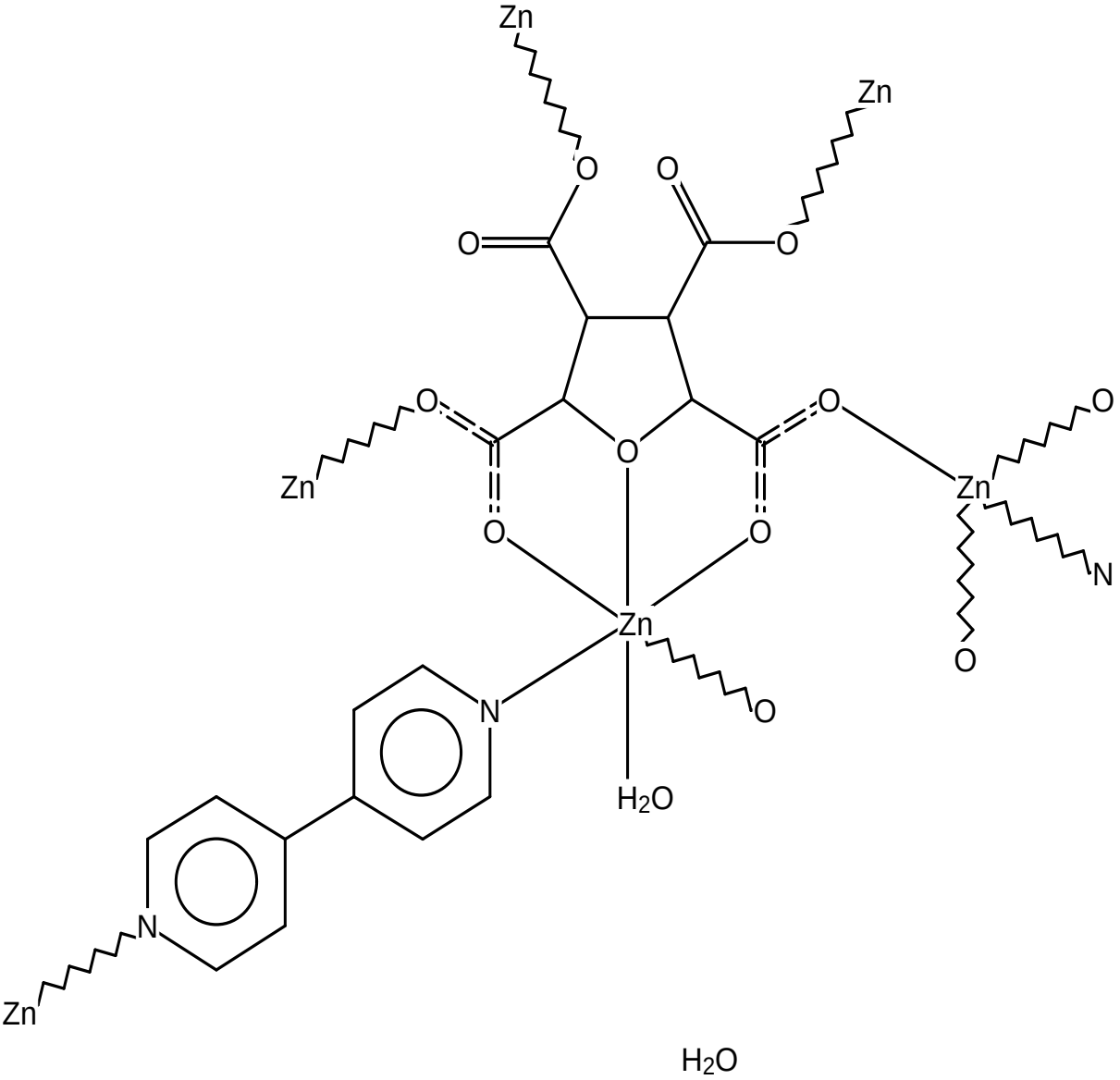
Reference: Lei Zhang, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Qi-Pu Lin, Yuan-Gen Yao (2009) *Chem.-Eur.J. ,***15,**989

Formula: $(C_{18}\ H_{14}\ N_2\ O_{10}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_5-(2S,3S,4R,5R)-Tetrahydrofurantetracarboxylato)-(μ_2-4,4'-bipyridine-N,N')-aqua-di-zinc dihydrate)

Space Group:	C2/c	***Cell:***	***a*** 27.101(3)	***b*** 9.273(1)	***c*** 16.979(1)
Space Group No.:	15	***(Å,°)***	α 90.00	β 99.16(0)	γ 90.00

R-Factor (%): 3.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.845



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 234

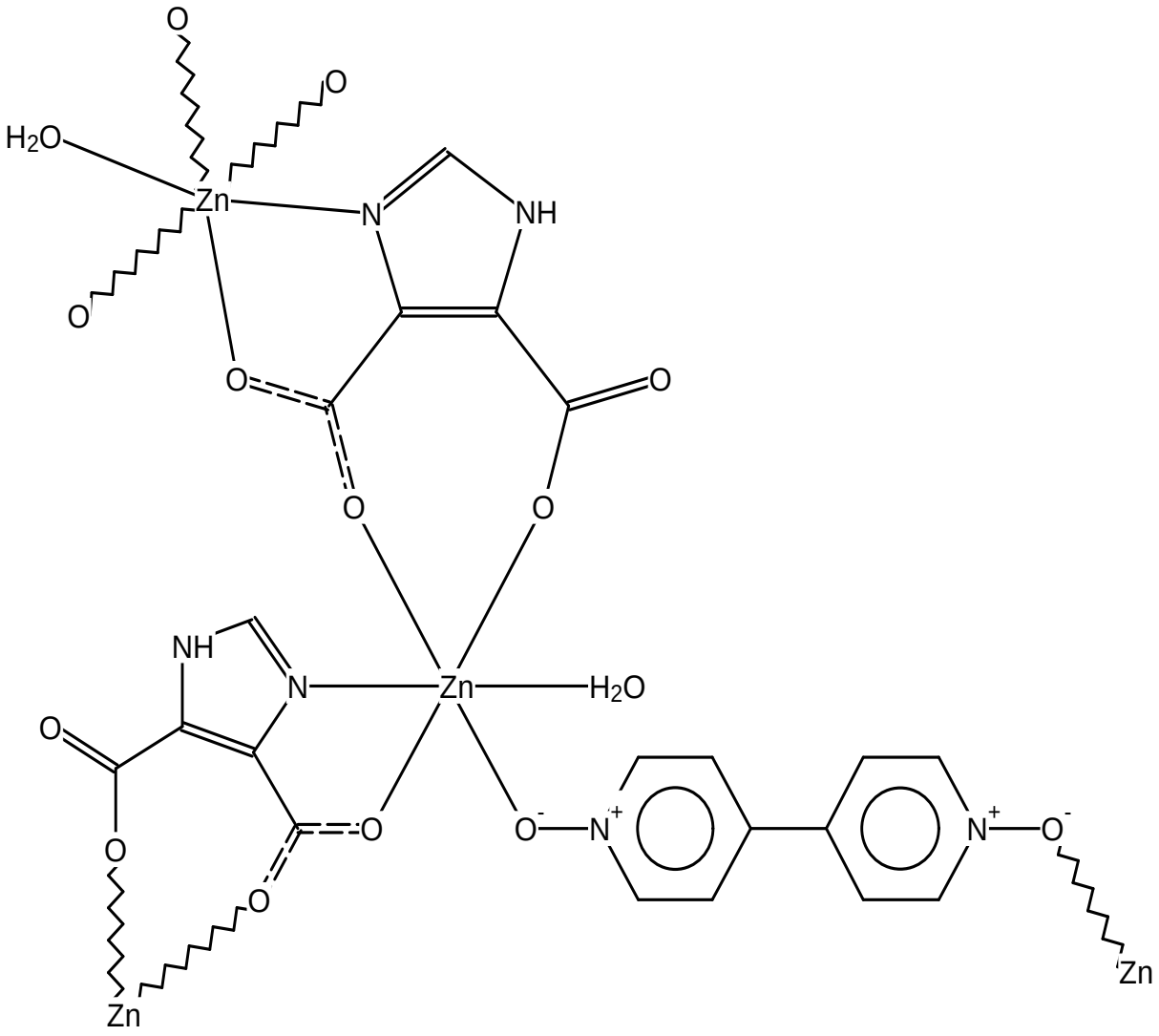
BONXIM

Reference: Li-Li Wen, Dong-E Wang, Yu-Jin Chen, Xiang-Gao Meng, Dong-Feng Li, She-Ming Lan (2009) *J.Coord.Chem.* ,**62,**789

Formula: $(C_{20}\ H_{16}\ N_6\ O_{12}\ Zn_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(μ_2-4,5-imidazoledicarboxylato-N,O,O',O'')-diaqua-di-zinc(ii)]

Space Group:	P21/c	***Cell:***	***a***	7.081(0)	***b***	8.433(1)	***c*** 19.147(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.50(0)	γ 90.00
R-Factor (%):	3.48	***Temperature(K):***	294		***Density(g/cm^3):***		1.953



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 235

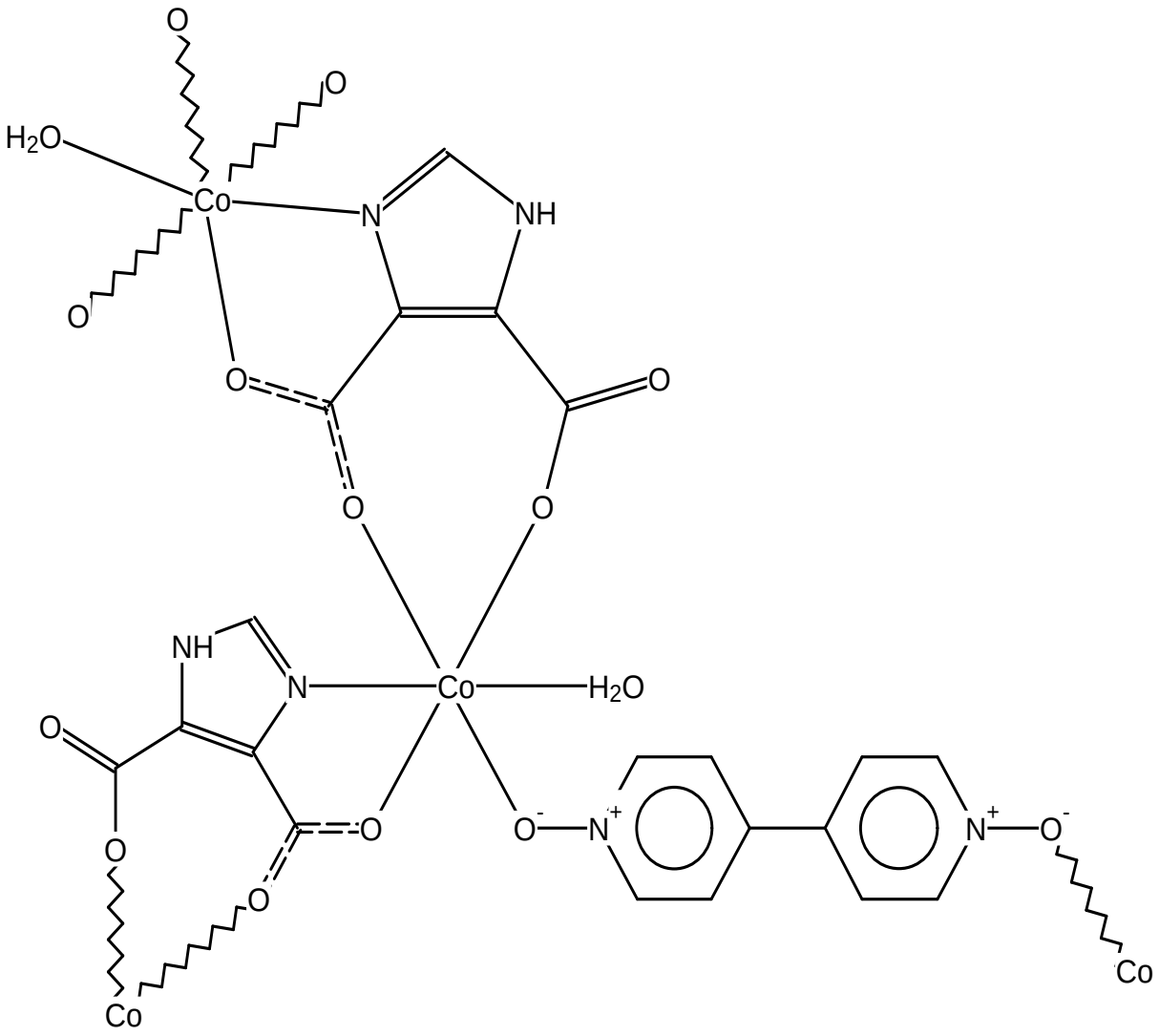
BONXOS

Reference: Li-Li Wen, Dong-E Wang, Yu-Jin Chen, Xiang-Gao Meng, Dong-Feng Li, She-Ming Lan (2009) *J.Coord.Chem.* ,**62,**789

Formula: $(C_{20}\ H_{16}\ Co_2\ N_6\ O_{12})n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(μ_2-4,5-imidazoledicarboxylato-N,O,O',O'')-diaqua-di-cobalt(ii)]

Space Group:	P21/c	***Cell:***	***a***	7.087(1)	***b***	8.398(2)	***c*** 19.073(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.87(0)	γ 90.00
R-Factor (%):	3.83	***Temperature(K):***	293		***Density(g/cm^3):***		1.931



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 236

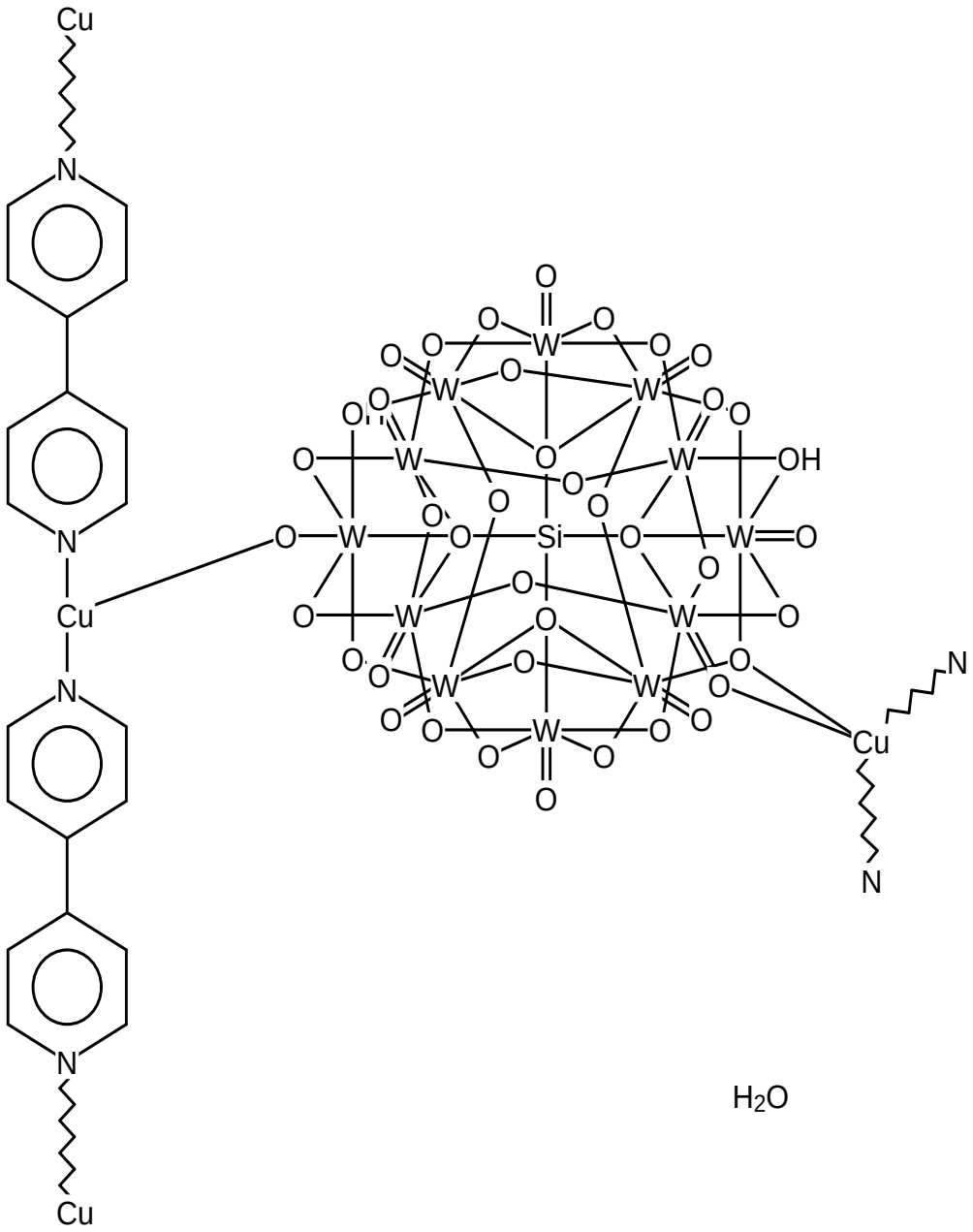
BOPTOQ

Reference: Haijun Pang, Jun Peng, Jingquan Sha, Aixiang Tian, Pengpeng Zhang, Yuan Chen, Min Zhu (2009) *J.Mol.Struct.* ,**922,**88

Formula: $(C_{20}\ H_{18}\ Cu_2\ N_4\ O_{40}\ Si_1\ W_{12})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_{12}-Silicato)-bis((μ_3-oxo)-(μ_2-4,4'-bipyridine)-(μ_2-hydroxo))-docosakis(μ_2-oxo)-dodecaoxo-di-copper-dodeca-tungsten(vi) dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.840(2)	***b*** 11.755(2)	***c*** 13.315(3)
Space Group No.:	2	***(Å,°)***	α 104.01(3)	β 103.38(3)	γ 114.99(3)
R-Factor (%):	5.08	***Temperature(K):***	293	***Density(g/cm^3):***	4.032



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 237

BOQSUW

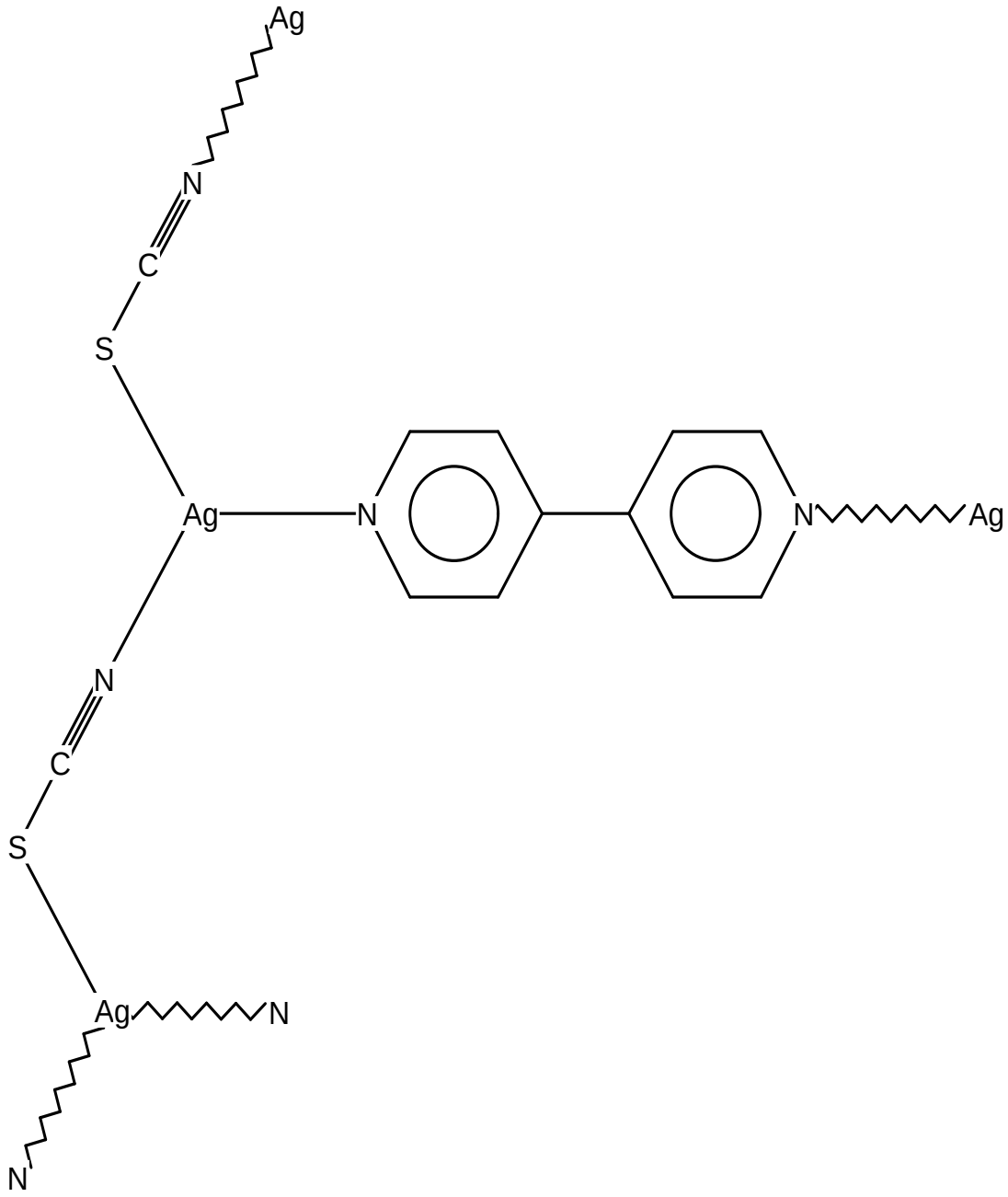
Reference: S.E.H.Etaiw, D.M.A.El-Aziz, M.Sh.Ibrahim, A.S.B.El-din (2009) *Polyhedron* ,**28,**1001

Formula: $(C_{12}\ H_8\ Ag_2\ N_4\ S_2)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-bis(μ_2-thiocyanato-N,S)-di-silver(i))

Space Group:	C2/c	***Cell:***	***a***	18.352(0)	***b***	6.231(0)	***c***	12.158(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.84(0)	γ	90.00

R-Factor (%): 4.40 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.367



Search: search1 (Thu May 26 10:05:42 2011): Hit 238

BOQSUW01

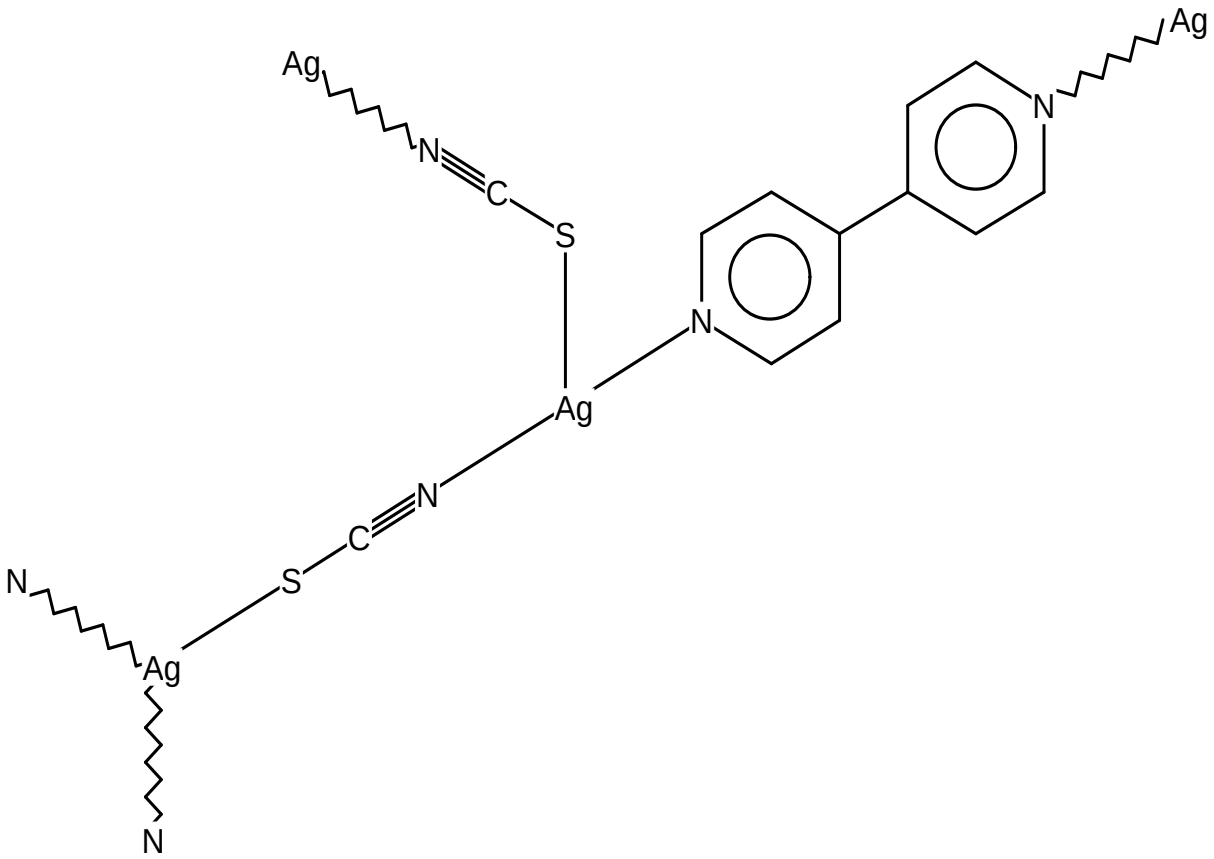
Reference: Xiao-Ling Guo, Yun Yin Niu, Qing-Li Wang, Ben-Lai Wu, Hong Yun Zhang, Hong Wei Hou, Yi Han, Ling Fang Wang (2008) *Chin.Chem.Lett. ,***19,**604

Formula: $(C_{12}\ H_8\ Ag_2\ N_4\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-thiocyanato)-di-silver)

Space Group:	C2/c	***Cell:***	***a***	18.334(1)	***b***	6.225(0)	***c***	12.145(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.86(0)	γ	90.00

R-Factor (%): 2.82 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 2.374



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 239

BOQVOT

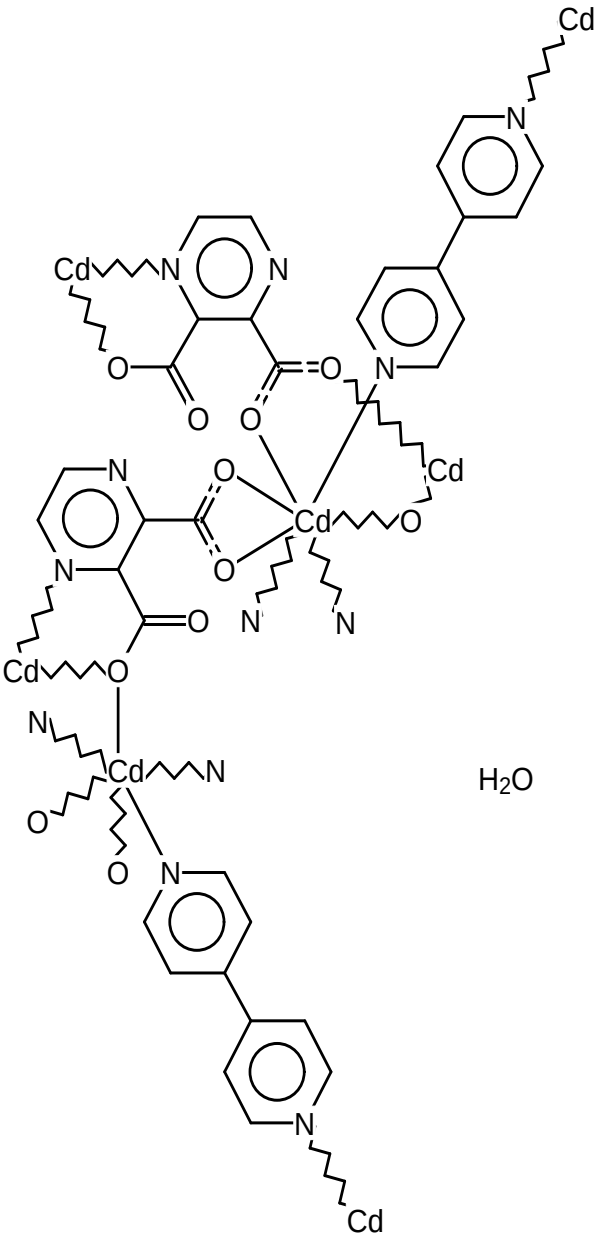
Reference: Dong Xie, Junwei Ye, Zhao Liu, Xiangdong Zhang, Hao Meng, Yuan Lin, Guiling Ning (2009) *Inorg.Chem.Commun.* ,**12,**72

Formula: $(C_{32}\ H_{20}\ Cd_2\ N_8\ O_8)n,4n(H_2\ O_1)$

Compound Name: catena-((μ_3-Pyrazine-2,3-dicarboxylato-N,O,O,O',O'')-(μ_3-pyrazine-2,3-dicarboxylato-N,O,O',O'')-bis(μ_2-4,4'-bipyridine-N,N')-di-cadmium(ii) tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	20.351(4)	***b*** 11.855(2)	***c***	14.893(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β 102.53(3)	γ	90.00

R-Factor (%): 3.49 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.783



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 240

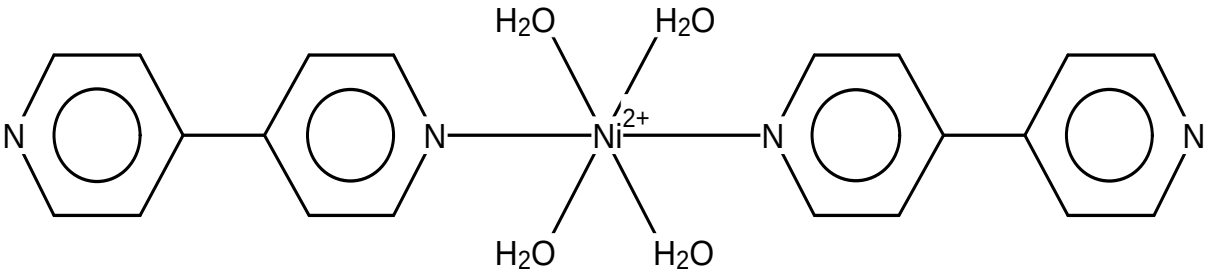
BORMIF

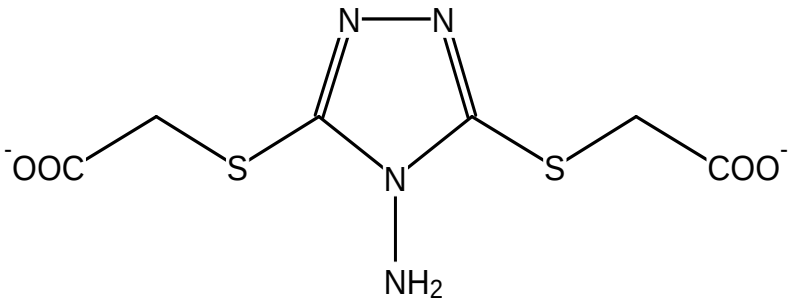
Reference: Xiu-Min Yang, Ming-Cai Yin, De-Gang Ding, Yao-Ting Fan (2009) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem. ,***39,**36

Formula: $C_{20}\ H_{24}\ N_4\ Ni_1\ O_4\ ^{2+}, C_6\ H_6\ N_4\ O_4\ S_2\ ^{2-}$

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N^1)-nickel(ii) 2,2'-((4-amino-4H-1,2,4-triazole-3,5-diyl)disulfanediyl)diacetate

Space Group:	P-1	***Cell:***	***a*** 11.121(1)	***b*** 12.076(1)	***c*** 12.860(2)
Space Group No.:	2	***(Å,°)***	α 110.08(0)	β 115.17(0)	γ 90.37(0)
R-Factor (%):	4.14	***Temperature(K):***	293	***Density(g/cm^3):***	1.622





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 241

BOSHUN

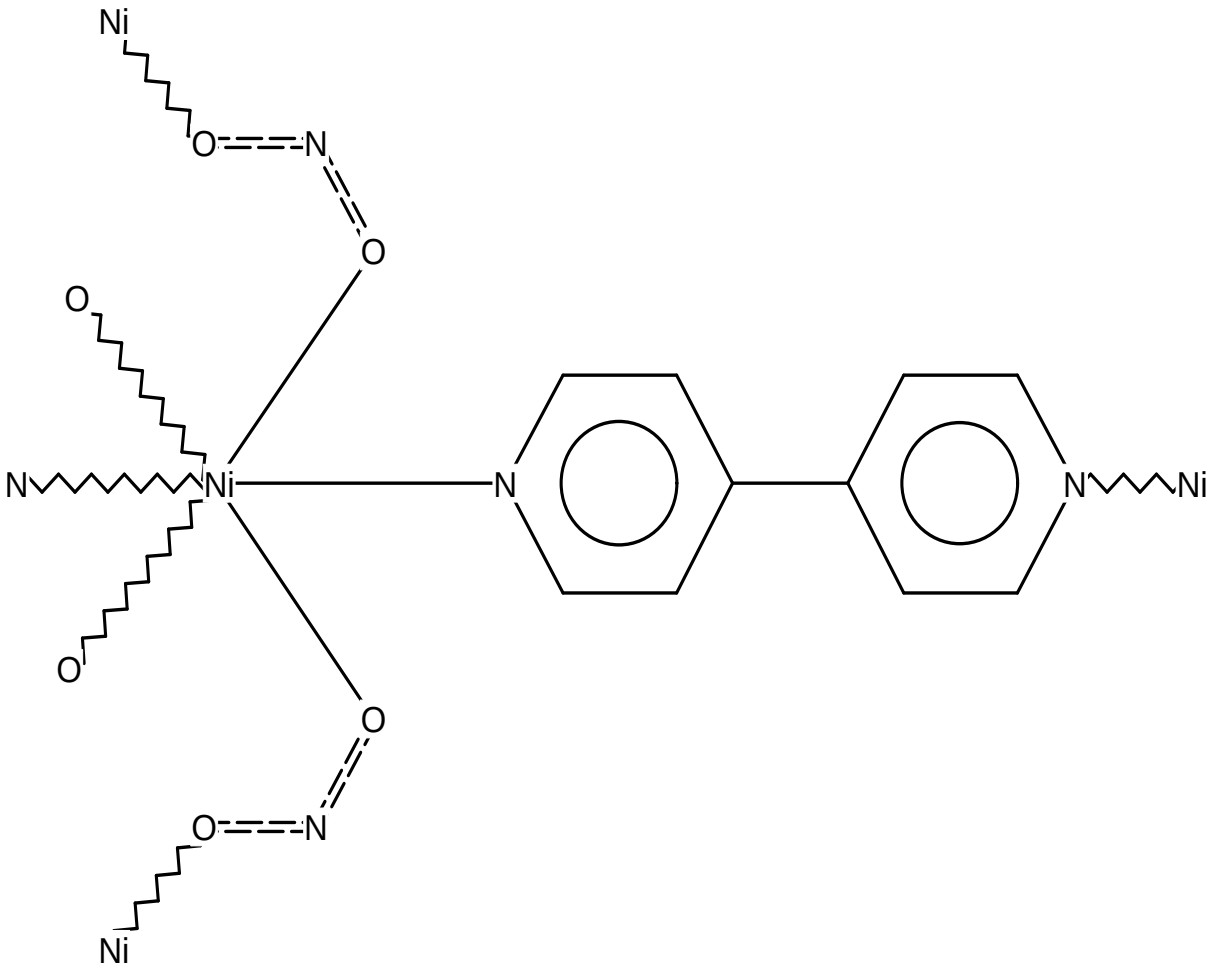
Reference: Vien Vo, Youngmee Kim, Nguyen Van Minh, Chang Seop Hong, Sung-Jin Kim (2009) *Polyhedron ,***28,**1150

Formula: $(C_{10}\ H_8\ N_4\ Ni_1\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-nitrito-O,O')-nickel(ii))

Space Group:	P43212	***Cell:***	***a***	7.910(0)	***b***	7.910(0)	***c***	17.457(2)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.43 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.866



Search: search1 (Thu May 26 10:05:42 2011): Hit 242

BOSNAZ

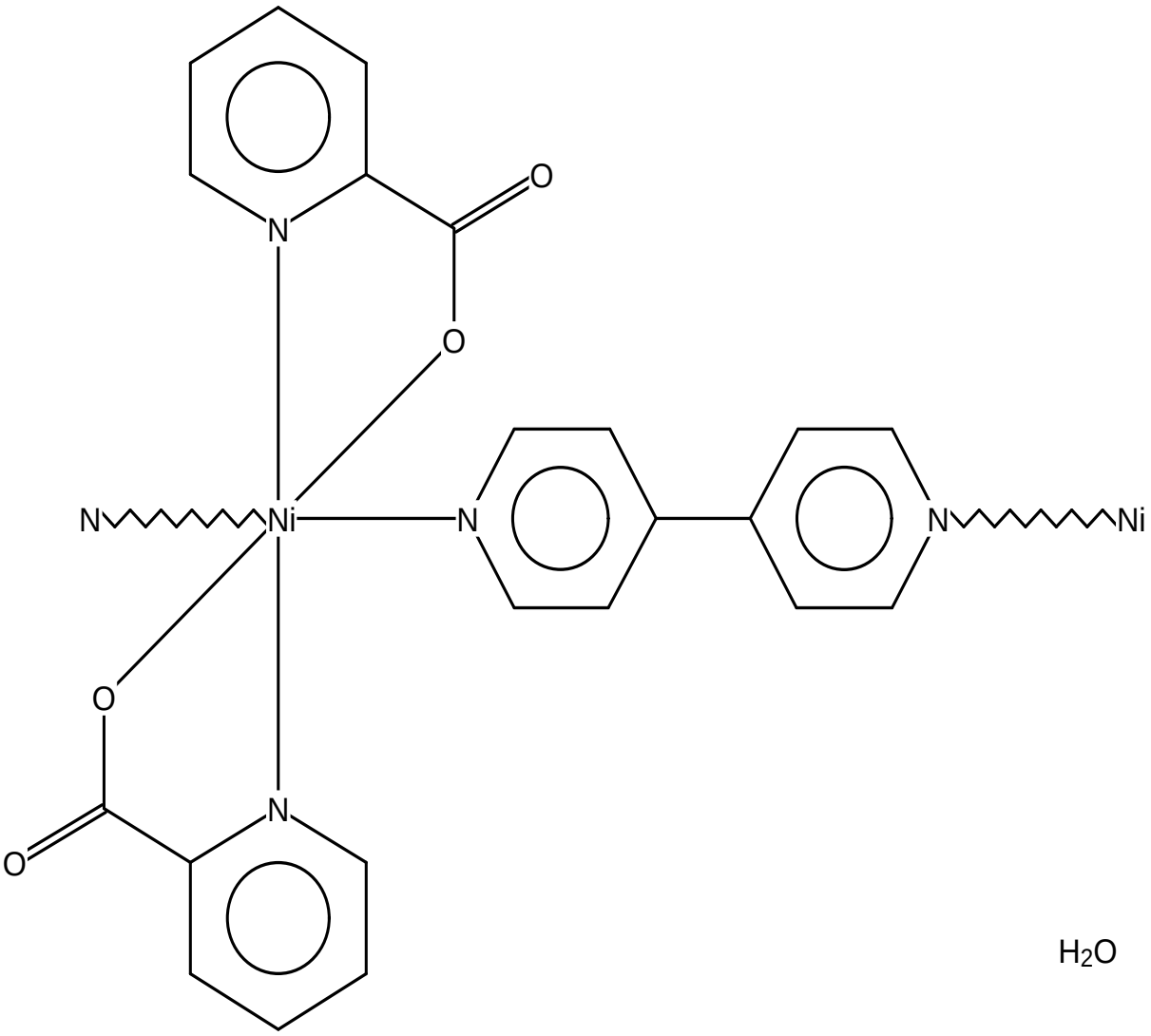
Reference: Xiu-Mei Li, Yan-Ling Niu, Qing-Wei Wang, Bo Liu, Xia Zhao, Dan Li (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,**321

Formula: $(C_{22}\ H_{16}\ N_4\ Ni_1\ O_4)n,6n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N^1,$N^{1'}$)-bis(2-pyridinecarboxylato-N,O)-nickel hexahydrate)

Space Group:	I41/a	***Cell:***	***a***	22.564(1)	***b***	22.564(1)	***c***	10.712(1)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.72 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.382



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 243

BOTLUS

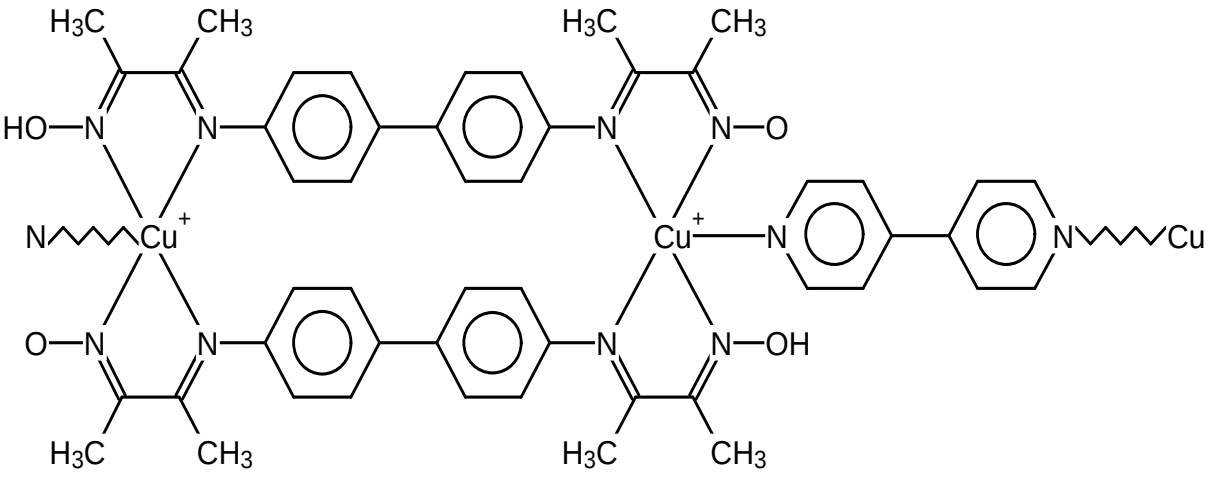
Reference: E.A.Mikhaleva, S.V.Kolotilov, K.S.Gavrilenko, P.G.Nagornyi, S.Golhen, L.Ouahab, V.V.Pavlishchuk (2008) *Teor.Eksp.Khim.(Russ.)(Theoret.Exp.Chem.)* ,**44,**233

Formula: $(C_{50}\ H_{50}\ Cu_2\ N_{10}\ O_4\ ^{2+})n,2n(B_1\ F_4\ ^{1-}),12n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-((3-(4'-((2-Oximino)-1-methylpropylidene)amino)-1,1'-biphenyl-4-yl)imino)butan-2-one oxime)-(μ_2-4,4'-bipyridine)-di-copper(ii) bis(tetrafluoroborate) dodecahydrate)

Space Group:	C2/c	***Cell:***	***a***	19.580(3)	***b*** 11.530(1)	***c***	30.384(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.74(0)	γ	90.00

R-Factor (%): 12.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.028



BF_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 244

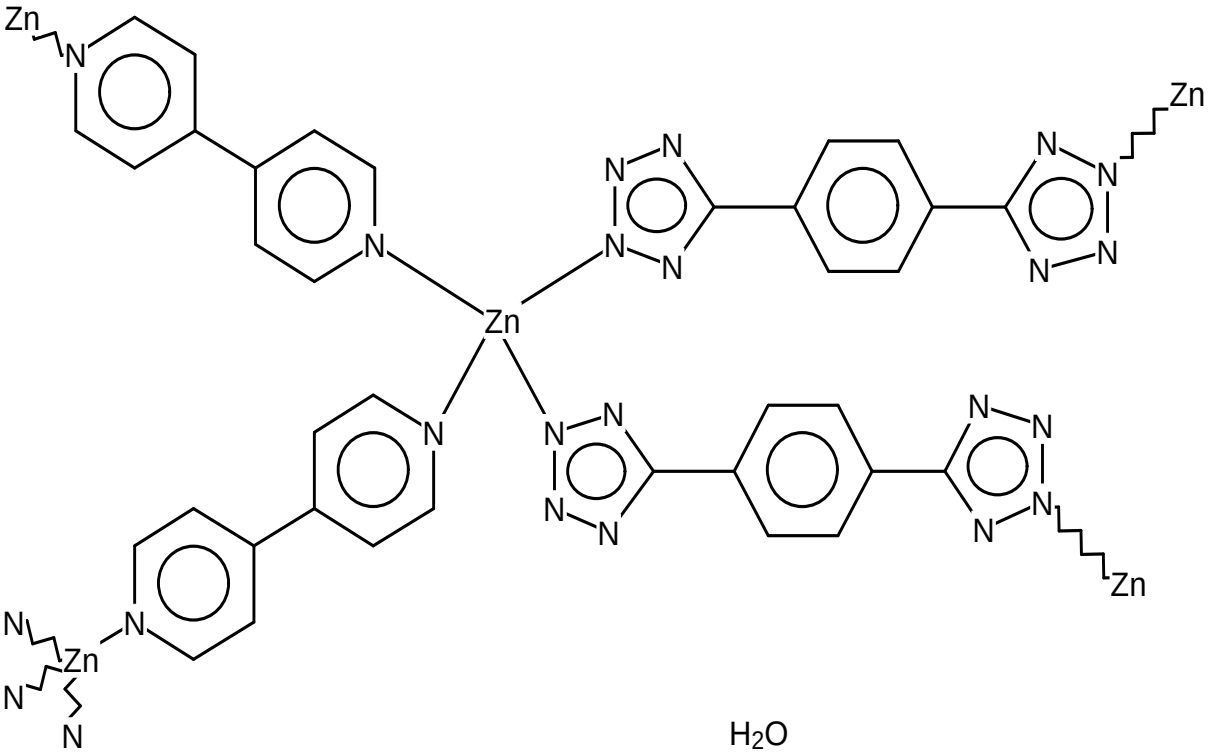
BOWQAG

Reference: Yun-Wu Li, Wei-Lin Chen, Yong-Hui Wang, Yang-Guang Li, En-Bo Wang (2009) *J.Solid State Chem. ,***182,**736

Formula: $(C_{36}\ H_{24}\ N_{20}\ Zn_2)n,6n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-5,5'-(1,4-phenylene)ditetrazolato)-di-zinc(ii) hexahydrate]

Space Group:	P21/c	***Cell:***	***a***	6.719(1)	***b*** 17.082(3)	***c***	17.352(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 98.77(3)	γ	90.00
R-Factor (%):	3.08	***Temperature(K):***	150		***Density(g/cm^3):***		1.646



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 245

BOWSOW

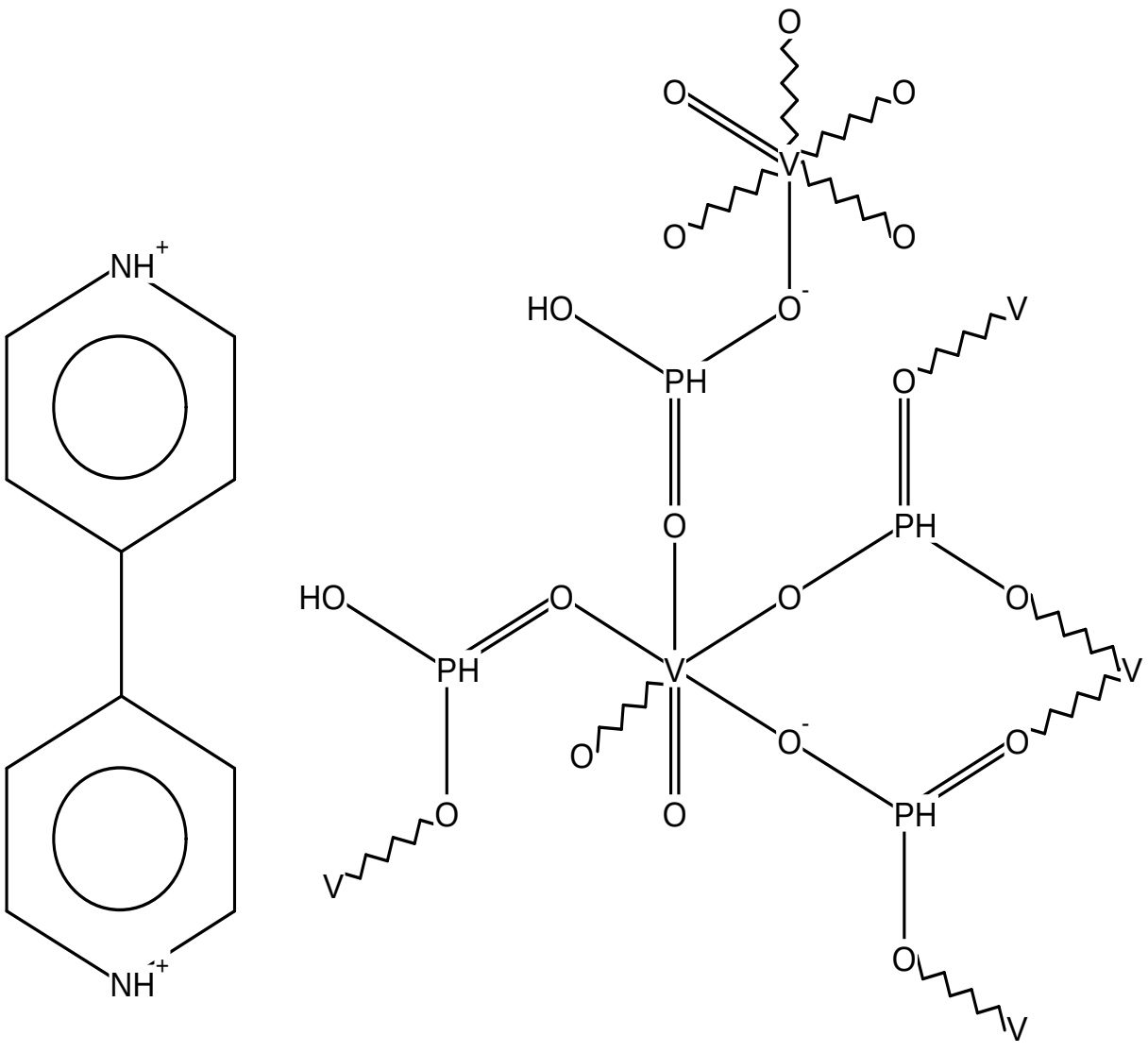
Reference: Xuemin Jing, Lirong Zhang, Shuzhe Gong, GuanghuaLi, Minghui Bi, Qisheng Huo, Yunling Liu (2008) *Microporous and Mesoporous Materials* ,**116,**101

Formula: $(H_6\ O_{14}\ P_4\ V_2\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-[4,4'-Bipyridinium bis(μ_3-phosphito)-(μ_2-hydrogen phosphito)-dioxo-di-vanadium(iv)]

Space Group:	P21/n	***Cell:***	***a***	6.354(1)	***b***	10.460(2)	***c*** 14.769(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.41(0)	γ 90.00

R-Factor (%): 5.23 ***Temperature(K):*** 293 ***Density(g/cm3):*** 2.077



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 246

BPNACE

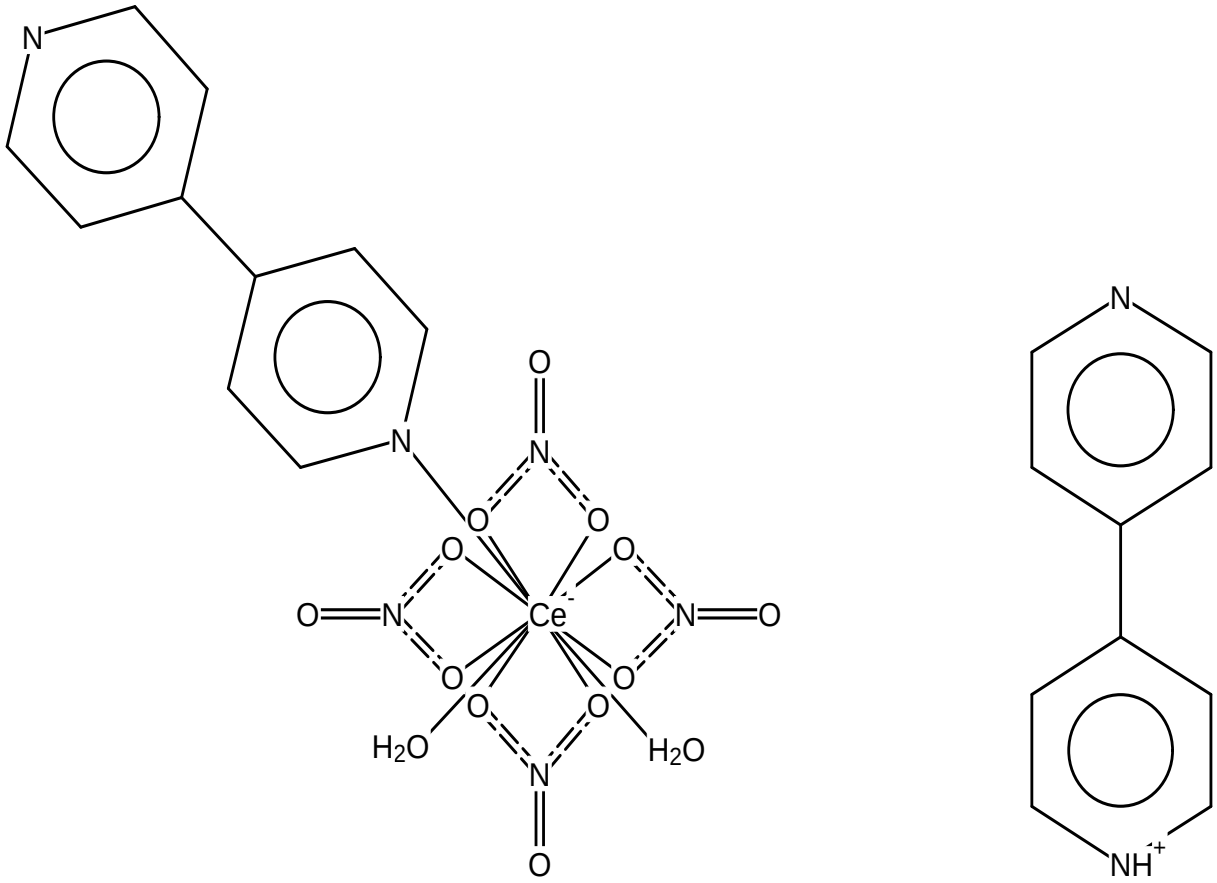
Reference: M.Bukowska-Strzyzewska, A.Tosik (1978)
Inorg.Chim.Acta ,**30,**189

Formula: $C_{10}\ H_{12}\ Ce_1\ N_6\ O_{14}\ ^{1-}$,$C_{10}\ H_9\ N_2\ ^{1+}$

Compound Name: 4,4'-Bipyridylium tetrakis(nitrato-O,O')-diaqua-(4,4'-bipyridyl-N)-cerium(iii)

Space Group:	P212121	***Cell:***	***a***	18.586(2)	***b*** 19.995(2)	***c***	7.306(4)
Space Group No.:	19	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.804



Search: search1 (Thu May 26 10:05:42 2011): Hit 247

BPYCCU

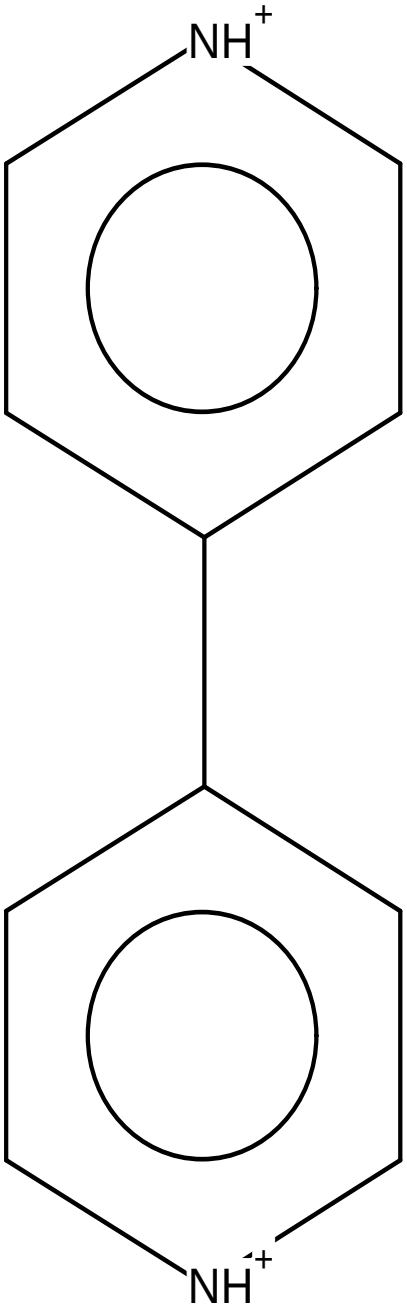
Reference: M.Bukowska-Strzyzewska, A.Tosik (1979) *Pol.J.Chem.* , **53,**2423

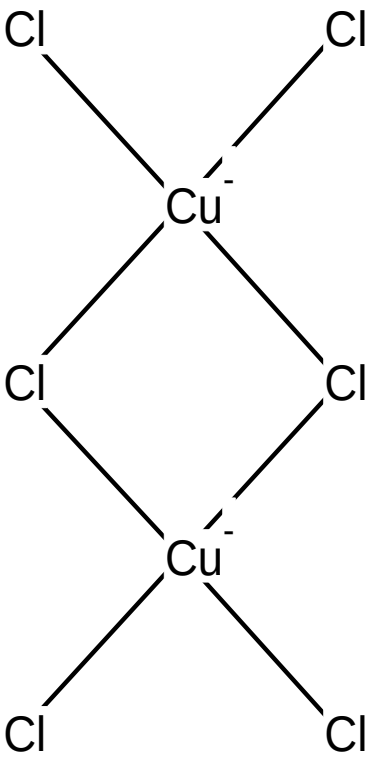
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Cu_2\,^{2-}$

Compound Name: 4,4'-Bipyridylium bis(μ_2-chloro)-tetrachloro-di-copper

Space Group:	P-1	***Cell:***	***a***	10.370(20)	***b***	10.960(20)	***c***	3.990(10)
Space Group No.:	2	***(Å,°)***	α	96.90(50)	β	96.70(50)	γ	115.90(50)

R-Factor (%): 15.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.080





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 248

BPYCCU01

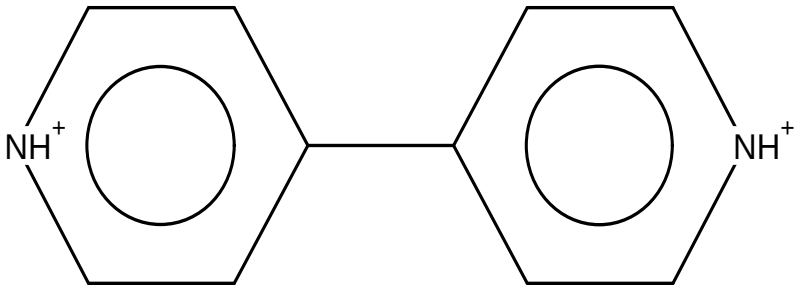
Reference: C.Nather, I.Jess, M.Bolte (2001)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**57,**m78

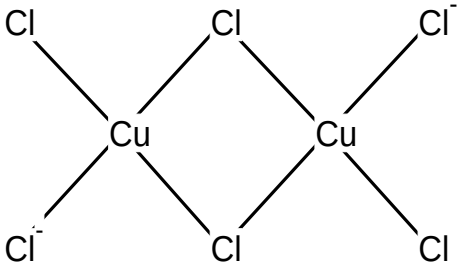
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Cu_2\,^{2-}$

Compound Name: 4,4'-Bipyridylium di-(μ_2-chloro)-tetrachlorodicuprate(ii)

Space Group:	P-1	***Cell:***	***a***	3.916(0)	***b*** 10.021(2)	***c***	10.698(2)
Space Group No.:	2	***(Å,°)***	α	113.92(3)	β 95.16(3)	γ	96.06(3)

R-Factor (%): 2.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.191





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 249

BPYCCU02

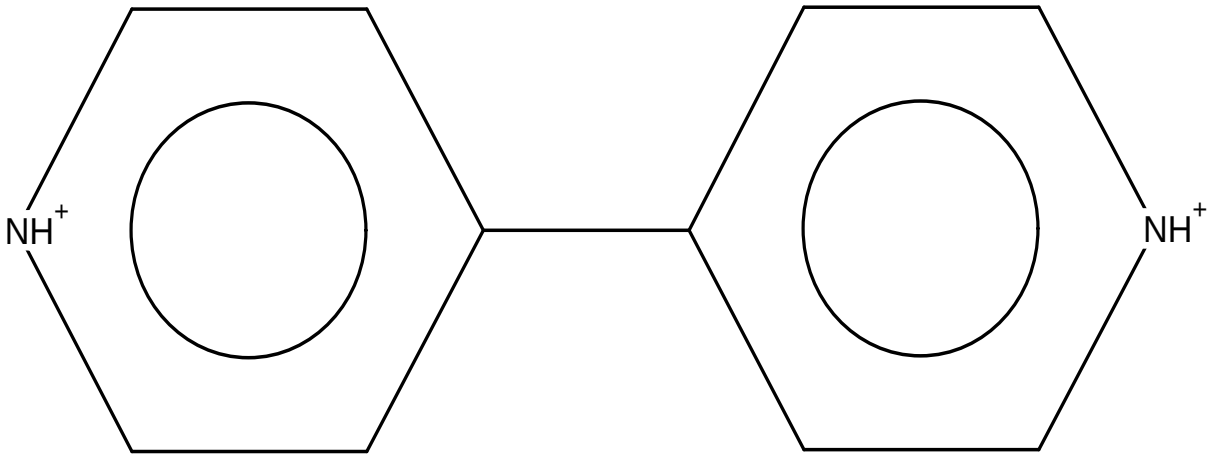
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

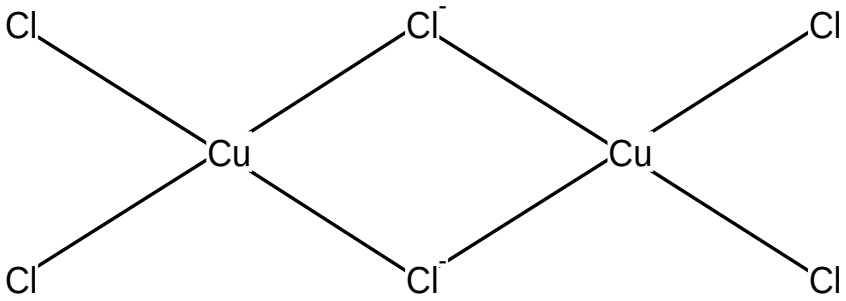
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-chloro)-tetrachloro-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	3.912(0)	***b*** 10.004(1)	***c***	10.680(1)
Space Group No.:	2	***(Å,°)***	α	113.90(0)	β 95.21(1)	γ	96.09(1)

R-Factor (%): 2.52 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.200





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 250

BPYRNI

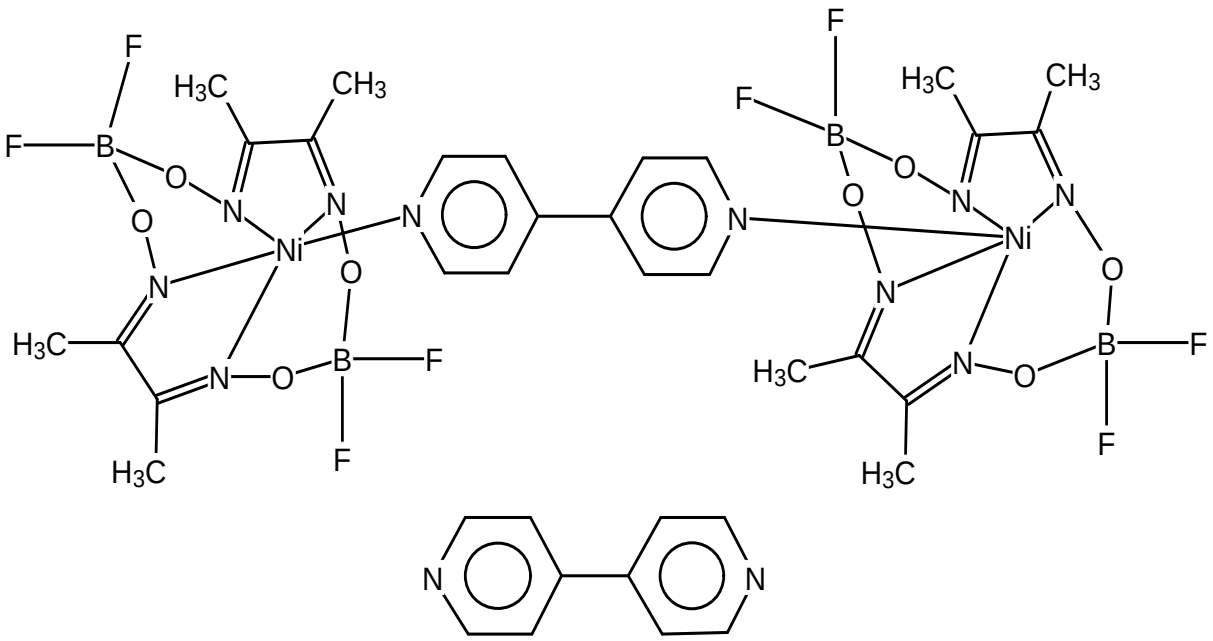
Reference: F.S.Stephens, R.S.Vagg (1980) *Inorg.Chim.Acta* ,**42,**139

Formula: $C_{26}\ H_{32}\ B_4\ F_8\ N_{10}\ Ni_2\ O_8, C_{10}\ H_8\ N_2$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(bis(difluoroboron-dimethylglyoximato)-nickel(ii)) 4, 4'-bipyridine solvate

Space Group:	I222	***Cell:***	***a***	10.108(5)	***b***	13.929(5)	***c*** 15.687(5)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.626



Search: search1 (Thu May 26 10:05:42 2011): Hit 251

BUCRAT

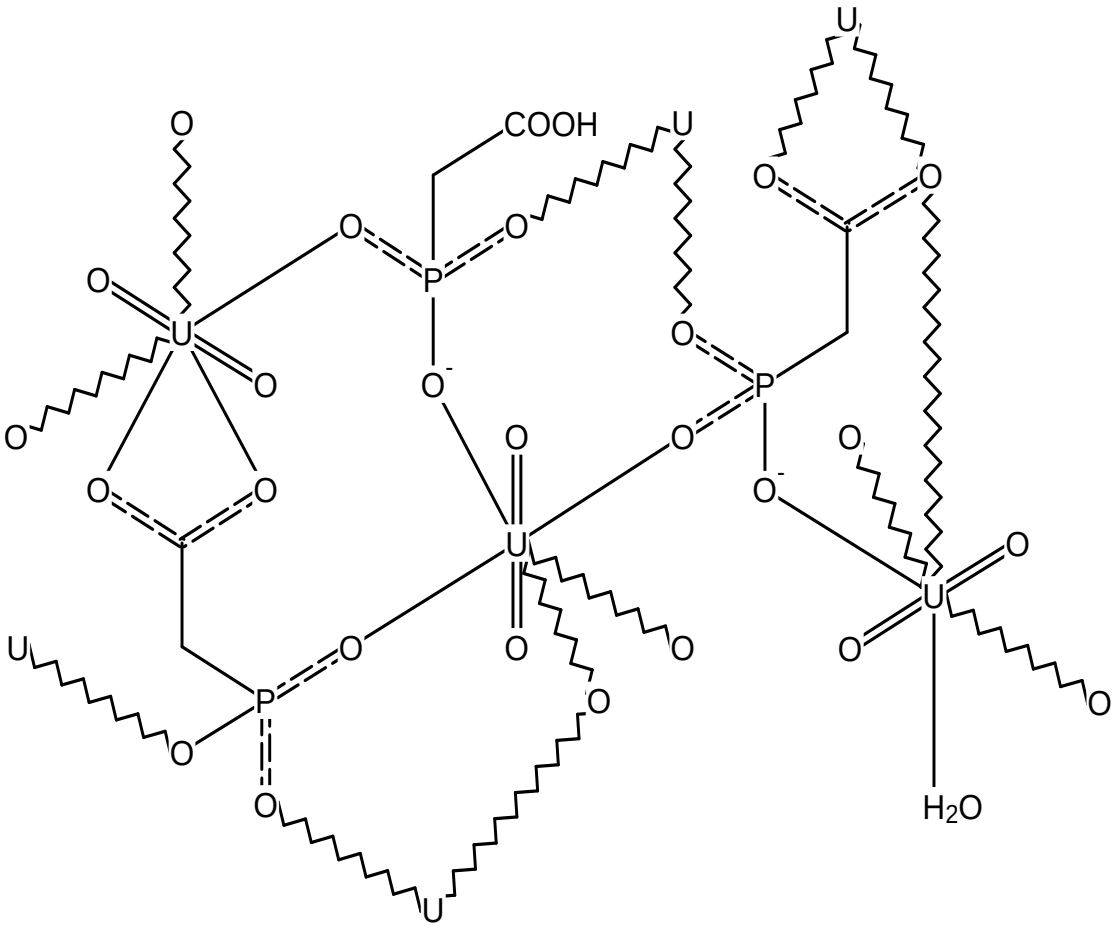
Reference: K.E.Knope, C.L.Cahill (2009) *Inorg.Chem.* ,**48,**6845

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_6\ H_9\ O_{22}\ P_3\ U_3\ ^{2-}),3n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium (μ_4-phosphonacetato-O,O,O',O'',O''',O'''')-(μ_4-phosphonacetato-O,O',O'',O''',O'''')-(μ_3-phosphonoacetic acid-O,O',O'')-aqua-hexaoxo-tri-uranium(vi) trihydrate)

Space Group:	P21/c	***Cell:***	***a***	8.980(0)	***b*** 25.558(1)	***c***	13.844(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.31(0)	γ	90.00

R-Factor (%): 2.77 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 3.086


O
COOH
U
O
O
P
O
O
U
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 252

BUPFEX

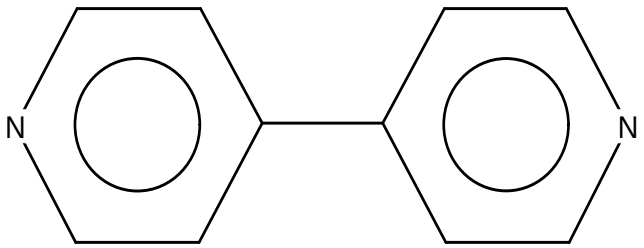
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

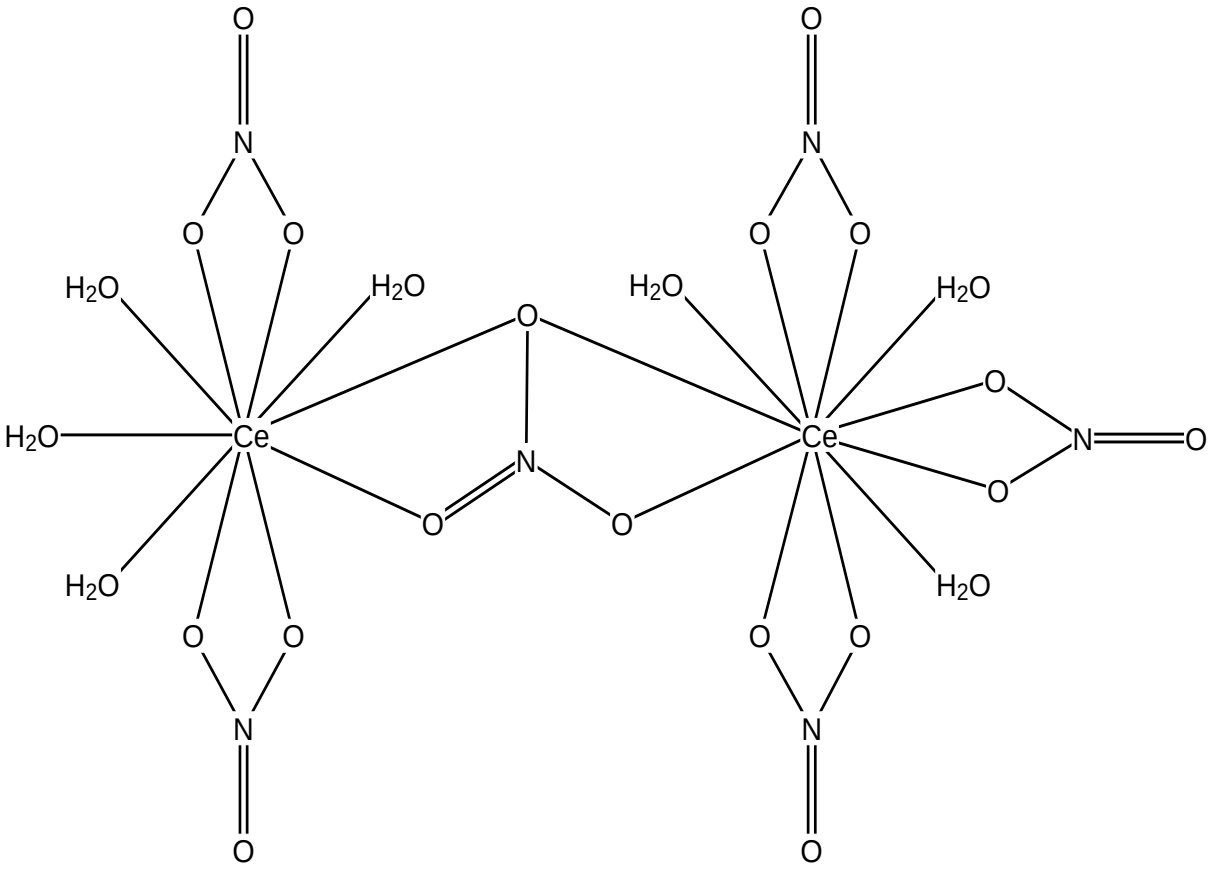
Formula: $4(C_{10}\ H_8\ N_2),H_{14}\ Ce_2\ N_6\ O_{25}$

Compound Name: (μ_2-Nitrato-O,O',O'')-hepta-aqua-pentakis(nitrato-O,O')-di-cerium tetrakis(4,4'-bipyridyl)

Space Group:	Cmc21	***Cell:***	***a***	24.480(20)	***b***	16.620(20)	***c***	13.210(10)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.734





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 253

BUPFIB

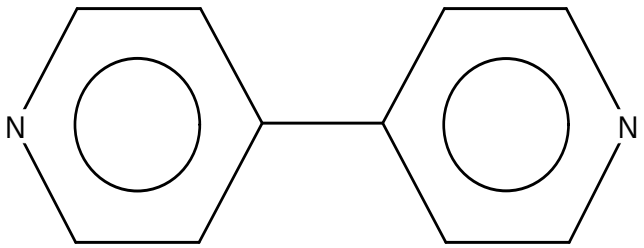
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

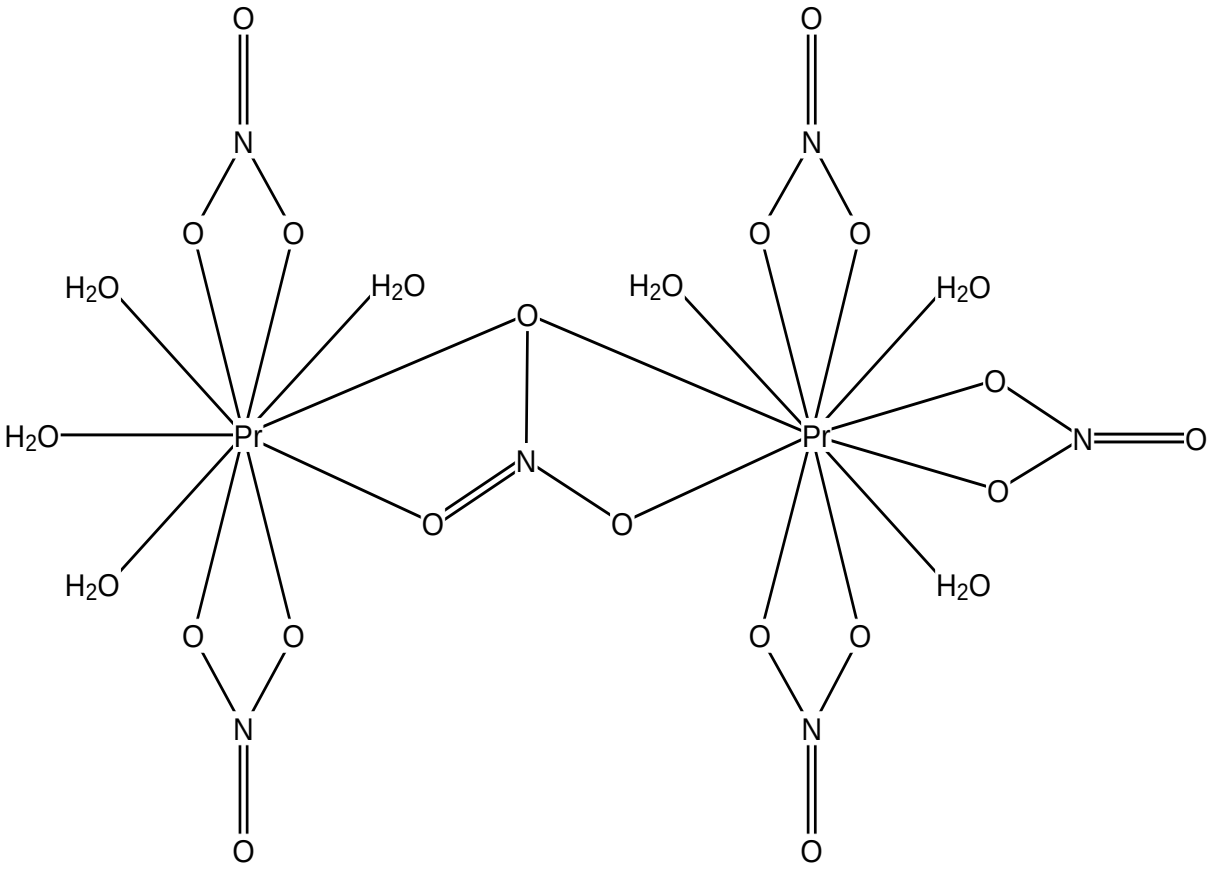
Formula: $4(C_{10}\ H_8\ N_2),H_{14}\ N_6\ O_{25}\ Pr_2$

Compound Name: (μ_2-Nitrato-O,O',O'')-hepta-aqua-pentakis(nitrato-O,O')-di-praseodymium tetrakis(4,4'-bipyridyl)

Space Group:	Cmc21	***Cell:***	***a***	24.450(20)	***b***	16.530(20)	***c***	13.200(10)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.749





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 254

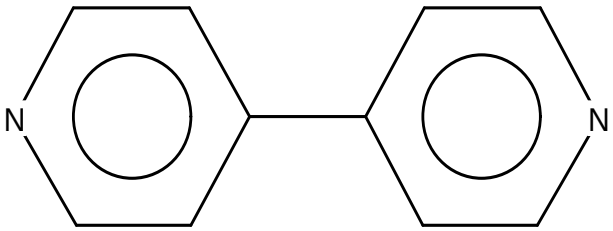
BUPGAU

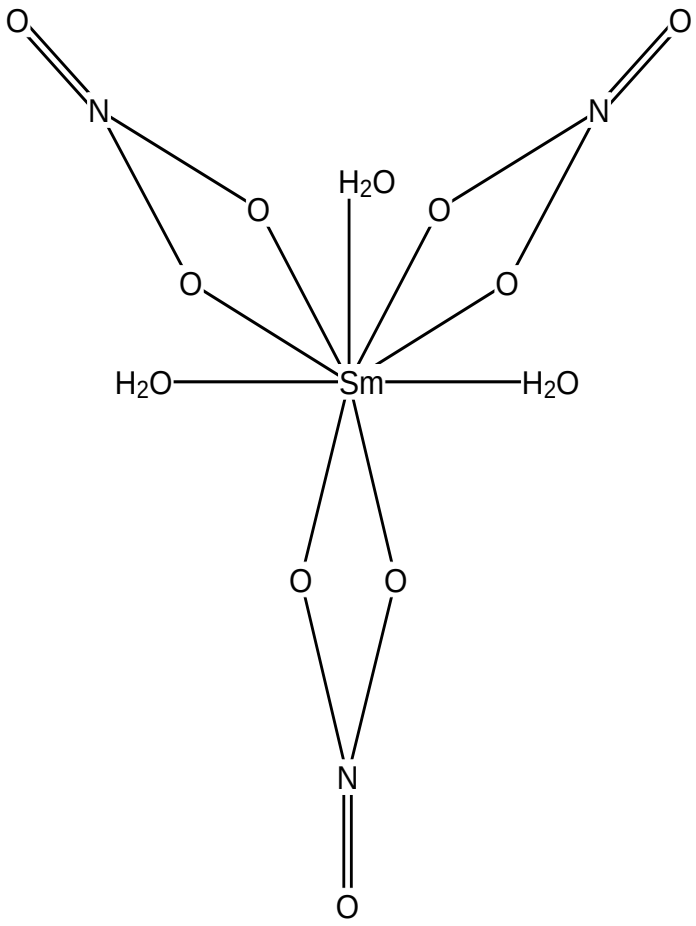
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

Formula: $2(C_{10}\ H_8\ N_2),H_6\ N_3\ O_{12}\ Sm_1$

Compound Name: Triaqua-tris(nitrato-O,O')-samarium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.979(7)	***b*** 20.730(20)	***c***	16.643(15)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.70(10)	γ	90.00
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		1.762





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 255

BUPGEY

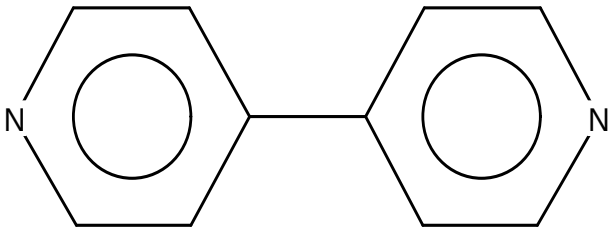
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

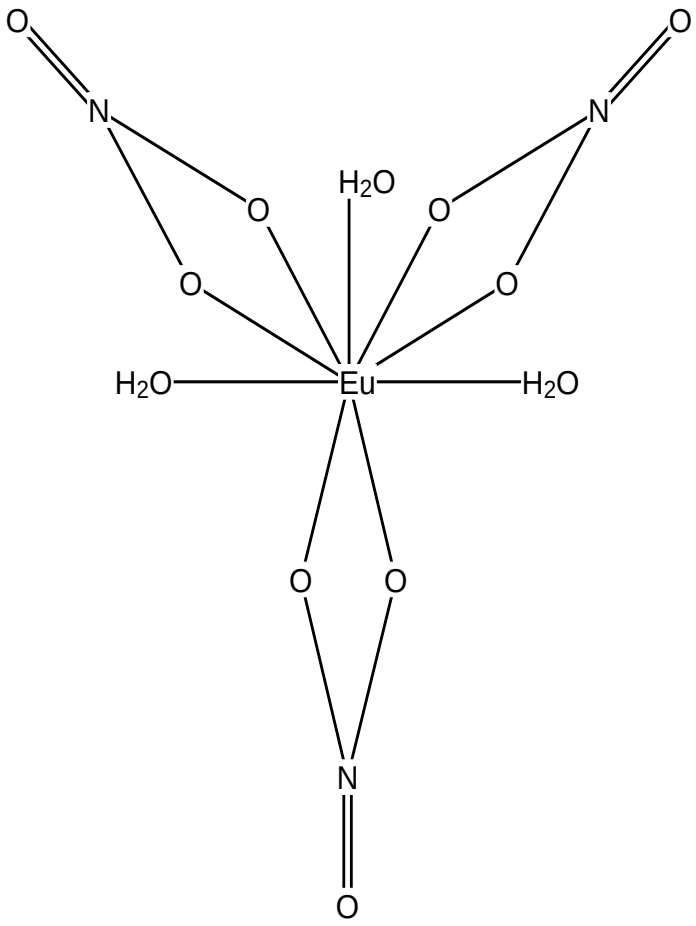
Formula: $2(C_{10}\ H_8\ N_2),H_6\ Eu_1\ N_3\ O_{12}$

Compound Name: Triaqua-tris(nitrato-O,O')-europium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.968(7)	***b*** 20.810(20)	***c***	16.630(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.70(10)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.762





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 256

BUPGIC

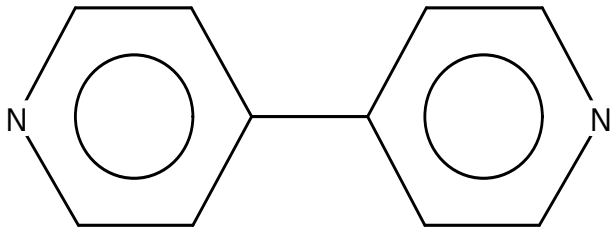
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

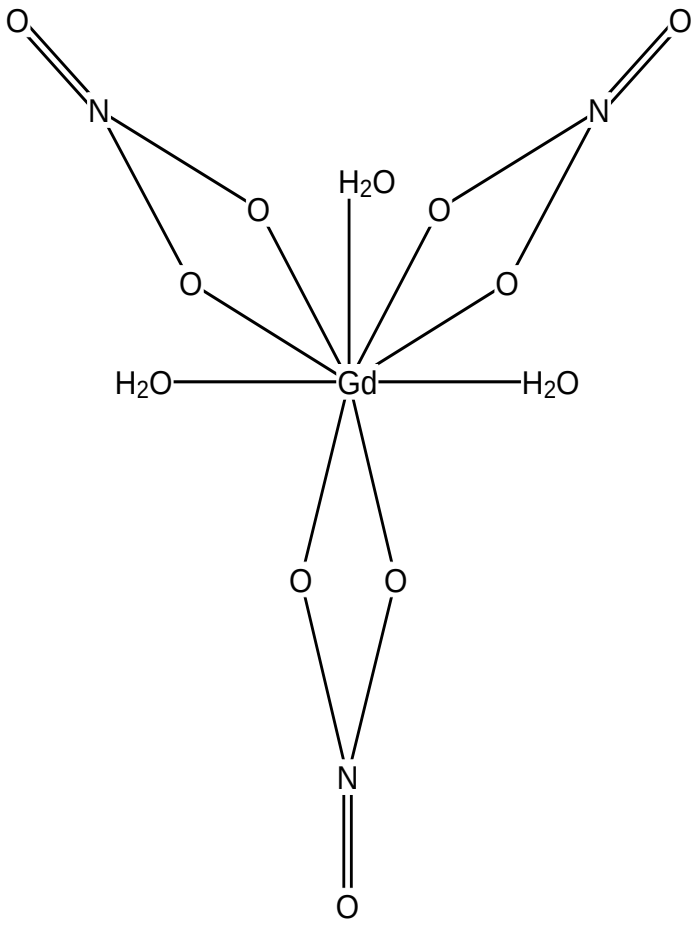
Formula: $2(C_{10}\ H_8\ N_2),H_6\ Gd_1\ N_3\ O_{12}$

Compound Name: Triaqua-tris(nitrato-O,O')-gadolinium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.951(7)	***b*** 20.760(20)	***c***	16.573(15)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.20(10)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.786





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 257

BUPGOI

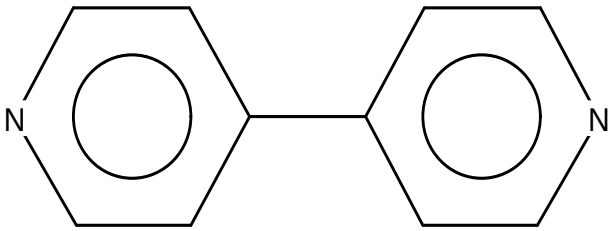
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

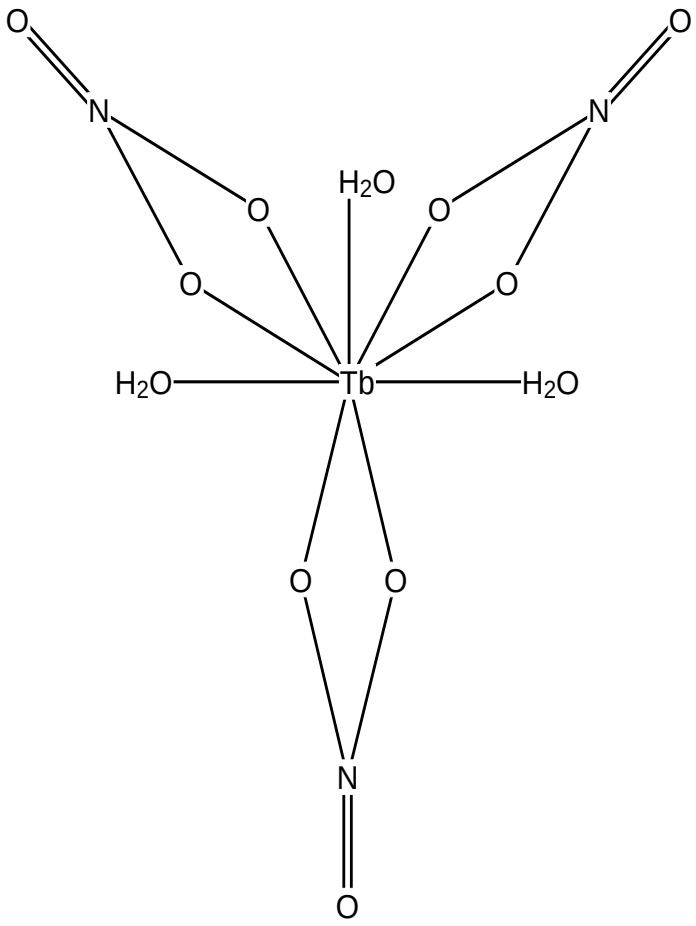
Formula: $2(C_{10}\ H_8\ N_2),H_6\ N_3\ O_{12}\ Tb_1$

Compound Name: Triaqua-tris(nitrato-O,O')-terbium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.953(7)	***b*** 20.810(20)	***c***	16.580(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.05(10)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.783





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 258

BUPGUO

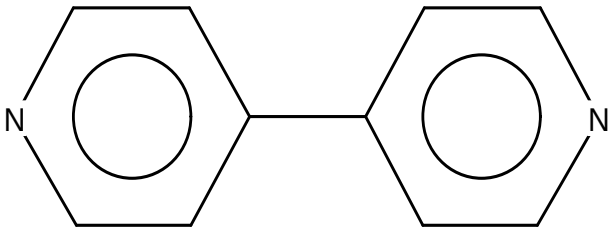
Reference: T.J.R.Weakley (1982) *Inorg.Chim.Acta* ,**63,**161

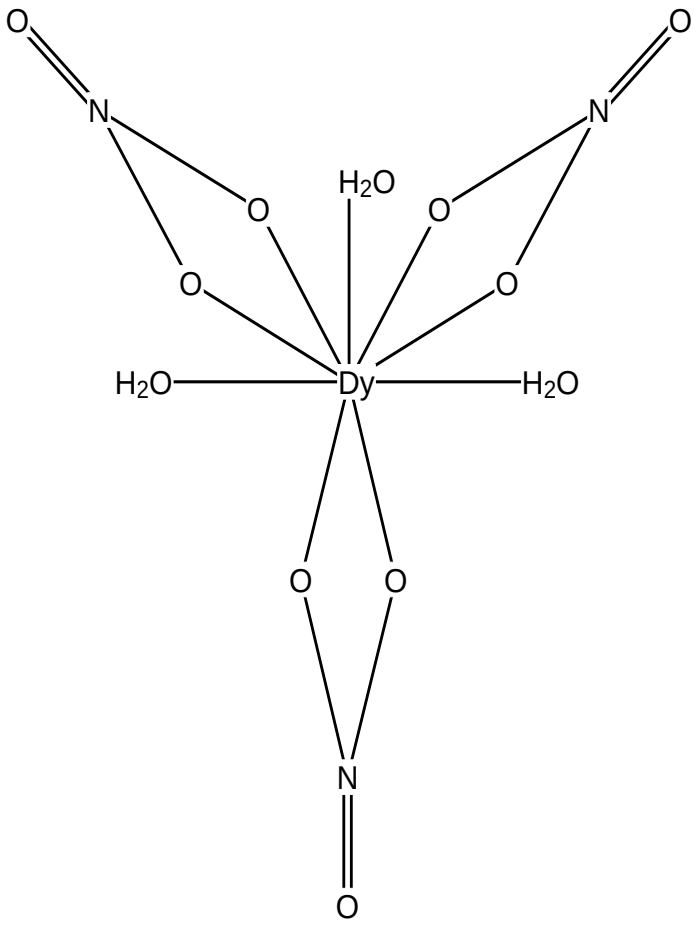
Formula: $2(C_{10}\ H_8\ N_2),H_6\ Dy_1\ N_3\ O_{12}$

Compound Name: Triaqua-tris(nitrato-O,O')-dysprosium bis(4,4'-bipyridyl)

Space Group:	P21/c	***Cell:***	***a***	7.921(7)	***b*** 20.750(20)	***c***	16.570(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.90(10)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.804





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 259

CADJIB

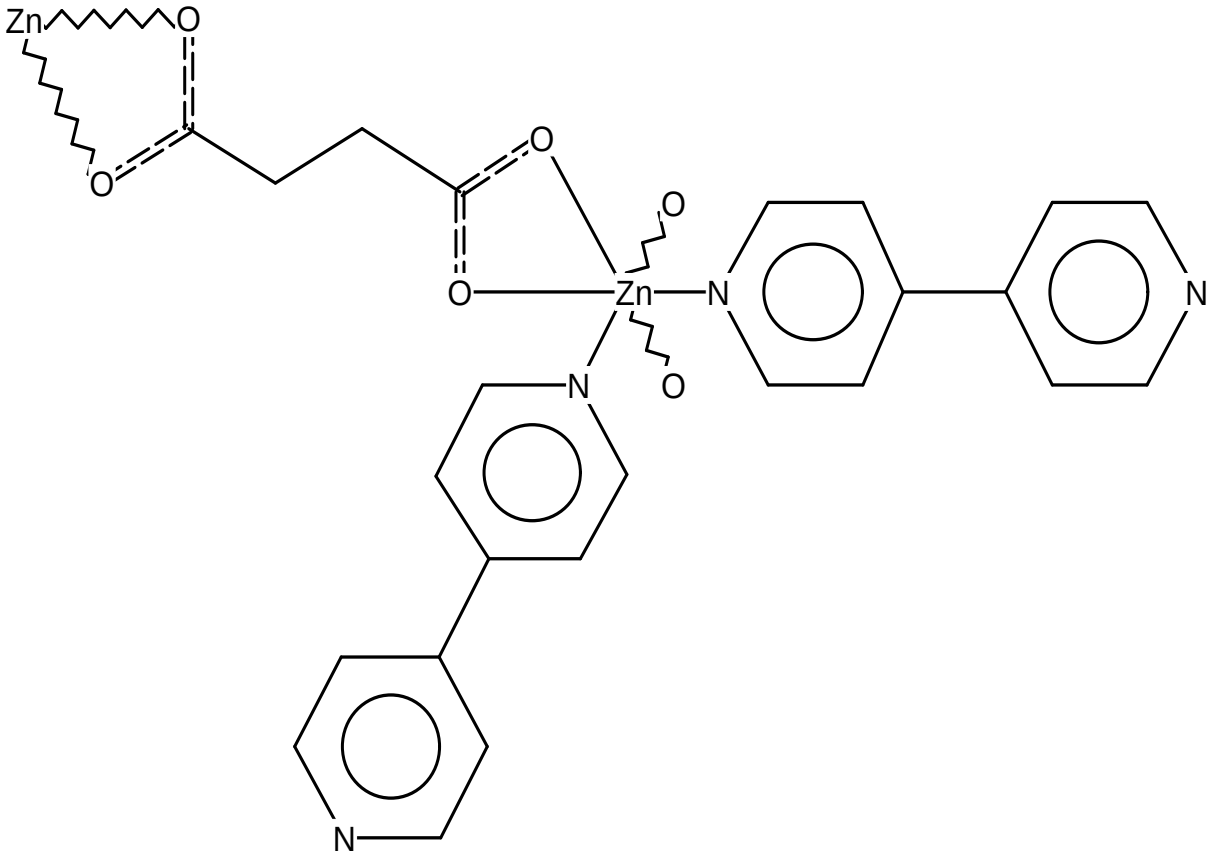
Reference: Jun Tao, Yue-Li Fu, Shao-Liang Zheng, Xiao-Ming Chen, S.W.Ng (2001) *Main Group Met.Chem. ,***24,**289

Formula: $(C_{24}\ H_{20}\ N_4\ O_4\ Zn_1)n$

Compound Name: catena-((μ_2-Succinato)-bis(4,4'-bipyridine)-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	18.877(10)	***b*** 9.915(9)	***c***	14.776(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.99(1)	γ	90.00

R-Factor (%): 3.88 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.466



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 260

CADJIB01

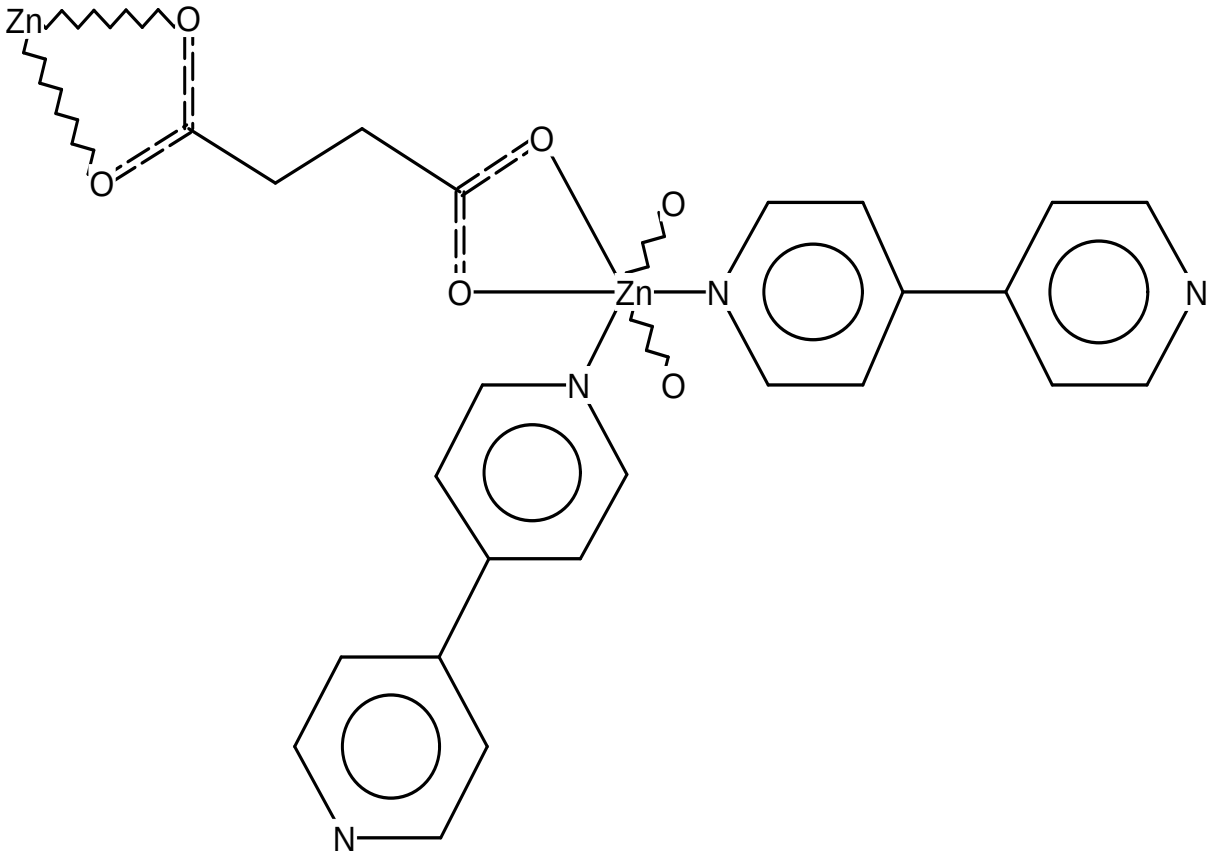
Reference: Shao-Ming Ying, Jiang-Gao Mao, Yan-Qiong Sun, Hui-Yi Zeng, Zhen-Chao Dong (2003) *Polyhedron* ,**22,**3097

Formula: $(C_{24}\ H_{20}\ N_4\ O_4\ Zn_1)n$

Compound Name: catena-((μ_2-Succinato)-bis(4,4'-bipyridine)-zinc(ii))

Space Group:	I2/a	***Cell:***	***a***	14.674(1)	***b*** 9.809(1)	***c***	15.593(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.58(0)	γ	90.00

R-Factor (%): 8.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.503



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 261

CAFXAJ

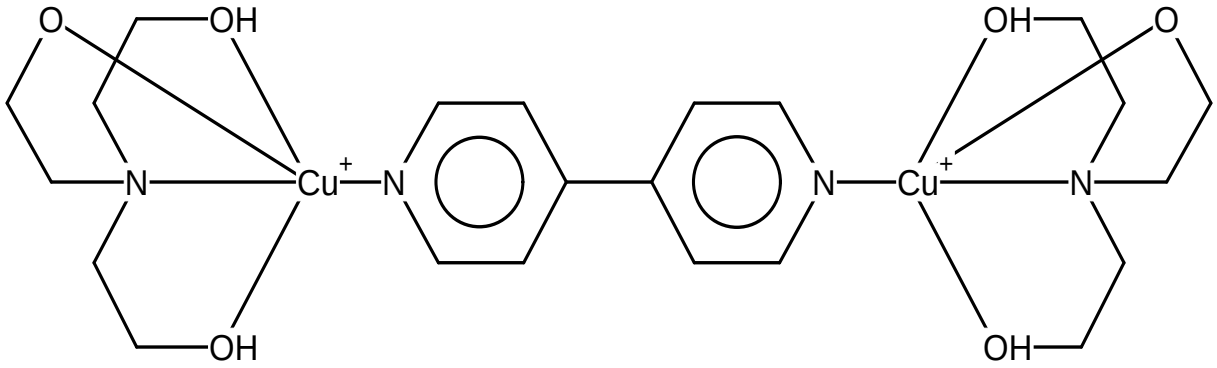
Reference: V.Tudor, V.Kravtsov, M.Julve, F.Lloret, Y.A.Simonov, J.Lipkowski, V.Buculei, M.Andruh (2001) *Polyhedron ,***20,**3033

Formula: $C_{22}\ H_{36}\ Cu_2\ N_4\ O_6\ ^{2+},2(Cl_1\ O_4\ ^{1-}),3(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(triethanolamine-N,O,O',O'')-di-copper(ii) diperchlorate trihydrate

Space Group:	C2/c	***Cell:***	***a***	20.244(4)	***b***	10.669(2)	***c*** 15.047(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.94(3)	γ 90.00

R-Factor (%): 6.11 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.704



ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 262

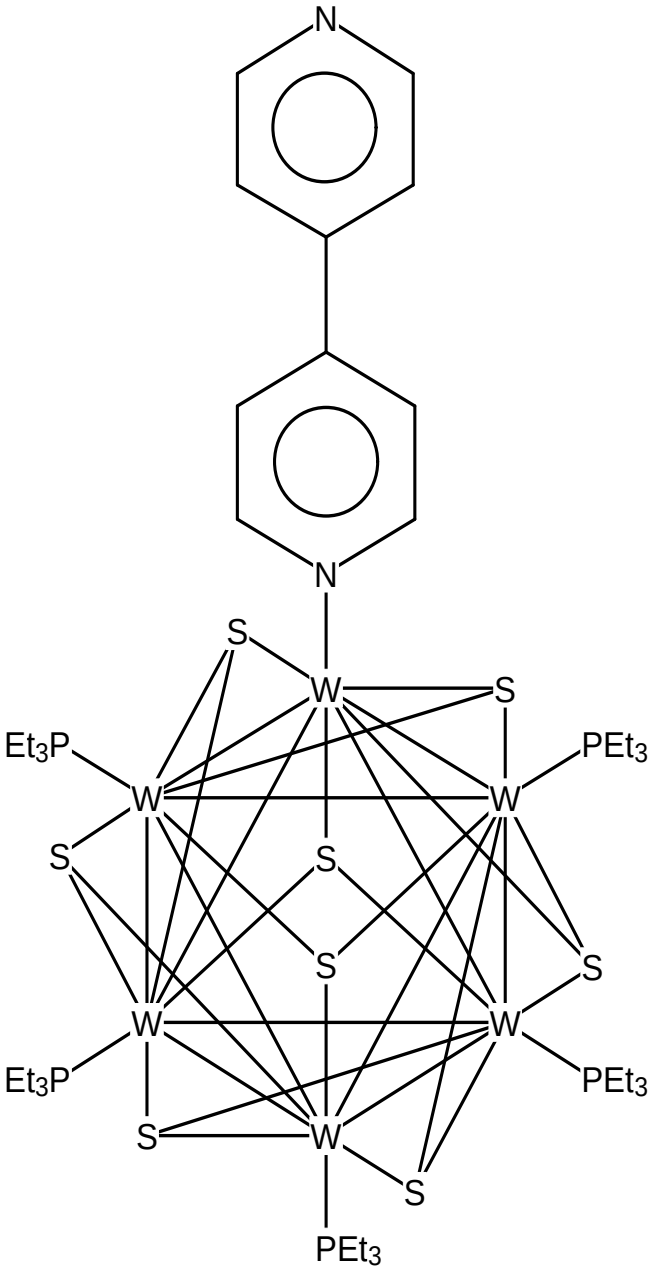
CALWES

Reference: Song Jin, J.Adamchuk, Bosong Xiang, F.J.DiSalvo (2002) *J.Am.Chem.Soc. ,***124,**9229

Formula: $C_{40}\ H_{83}\ N_2\ P_5\ S_8\ W_6$

Compound Name: octakis(μ_3-sulfido)-pentakis(triethylphosphine)-(4,4'-bipyridyl)-hexa-tungsten

Space Group:	P-1	***Cell:***	***a*** 12.024(3)	***b*** 21.356(5)	***c*** 25.107(5)
Space Group No.:	2	***(Å,°)***	α 112.39(2)	β 92.58(2)	γ 90.68(3)
R-Factor (%):	7.12	***Temperature(K):***	173	***Density(g/cm^3):***	2.351



Search: search1 (Thu May 26 10:05:42 2011): Hit 263

CAQZIE

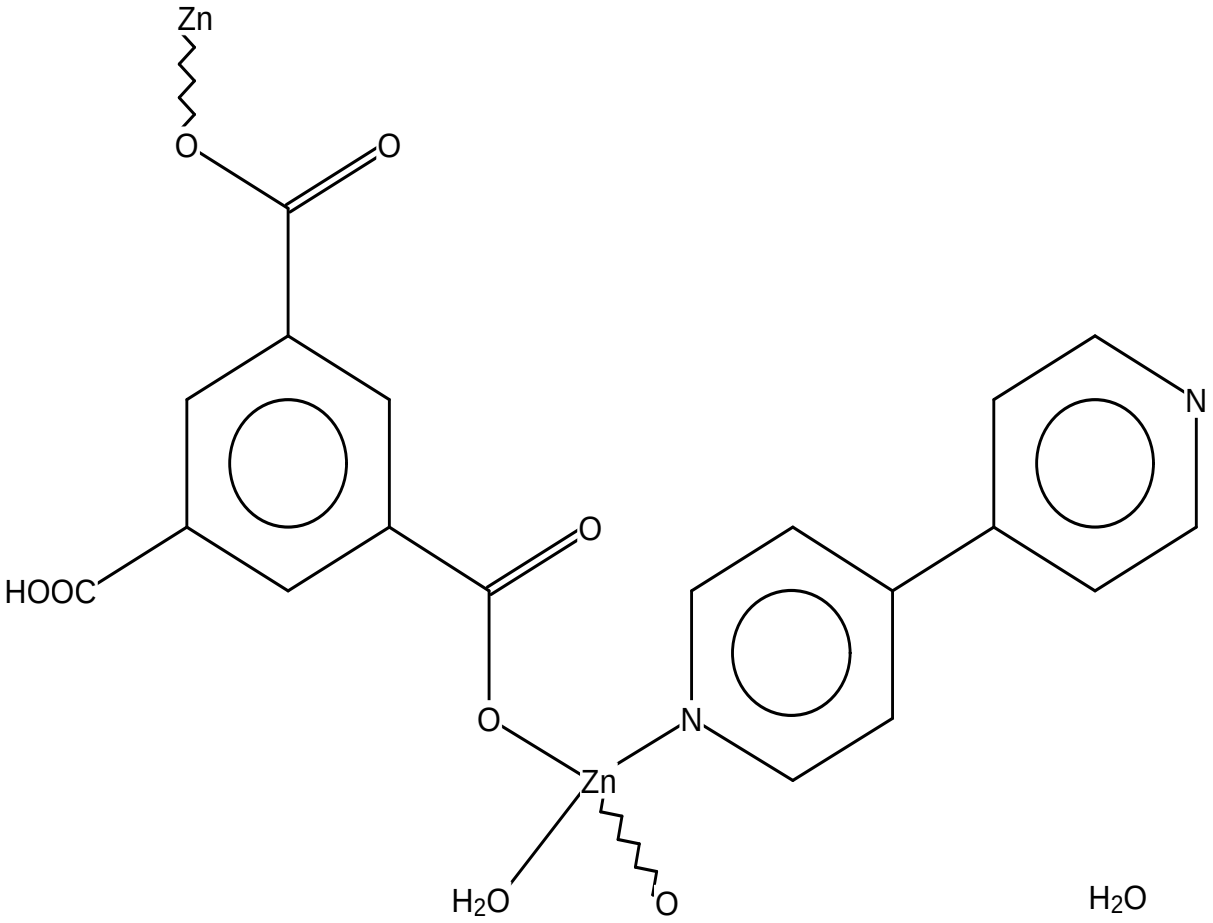
Reference: You-Fu Zhou, Ben-Yong Lou, Da-Qiang Yuan, Yan-Qing Xu, Fei-LongJiang, Mao-Chun Hong (2005) *Inorg.Chim.Acta* , **358,**3057

Formula: $(C_{19}\ H_{14}\ N_2\ O_7\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-[(μ_2-1-Carboxybenzene-3,5-dicarboxylato)-aqua-(4,4'-bipyridine)-zinc(ii) trihydrate]

Space Group:	C2/c	***Cell:***	***a***	7.855(0)	***b***	17.325(0)	***c*** 32.412(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.44(0)	γ 90.00

R-Factor (%): 8.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.512



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 264

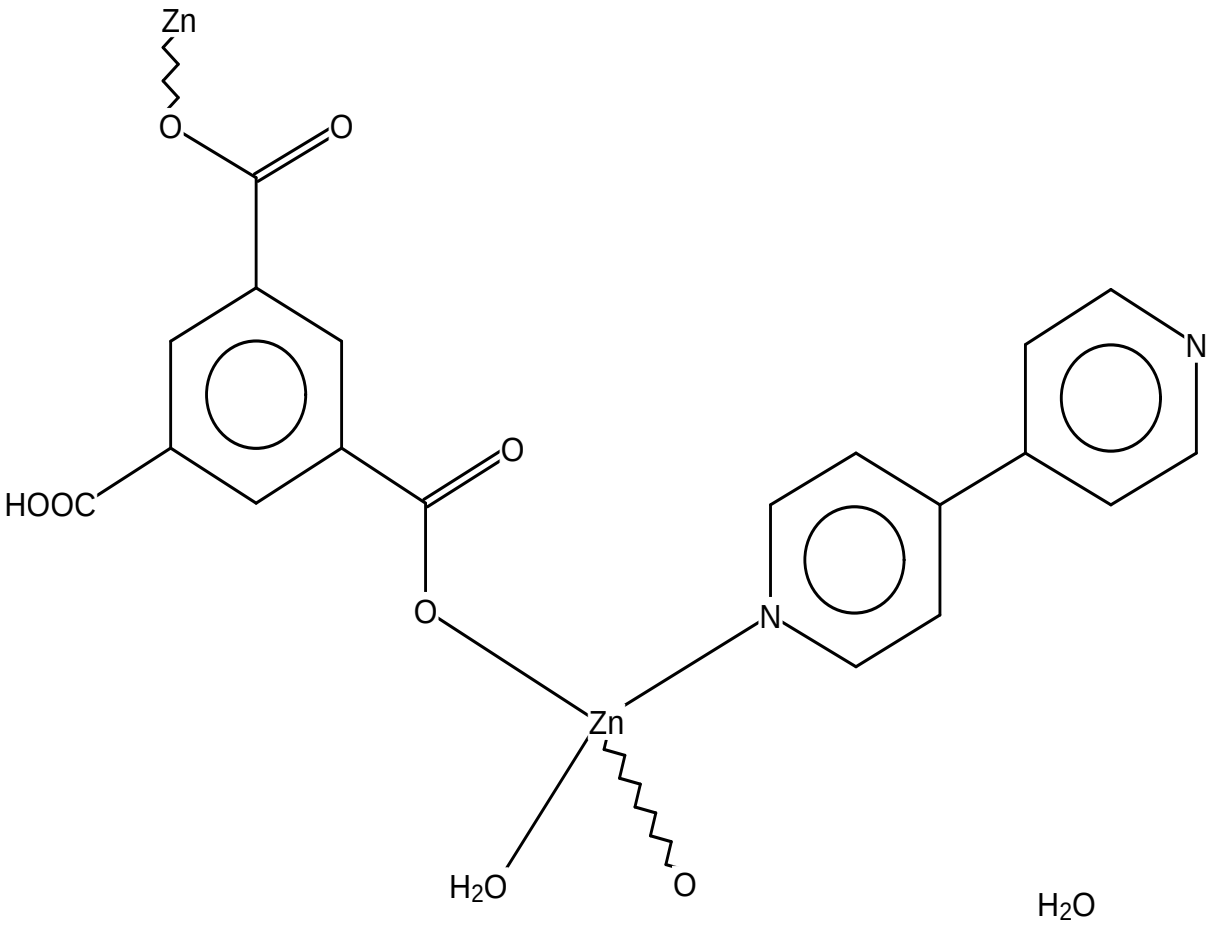
CAQZIE01

Reference: Jikun Li, Chunlin Ma, Guofang He, Linlin Qiu (2008)
J.Coord.Chem. ,**61,**251

Formula: $(C_{19}\ H_{14}\ N_2\ O_7\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-5-Carboxybenzene-1,3-dicarboxylato)-aqua-(4,4'-bipyridine)-zinc(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	7.874(3)	***b***	17.312(6)	***c*** 32.429(11)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.31(0)	γ 90.00
R-Factor (%):	7.42	***Temperature(K):***	293		***Density(g/cm^3):***		1.509



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 265

CAQZOK

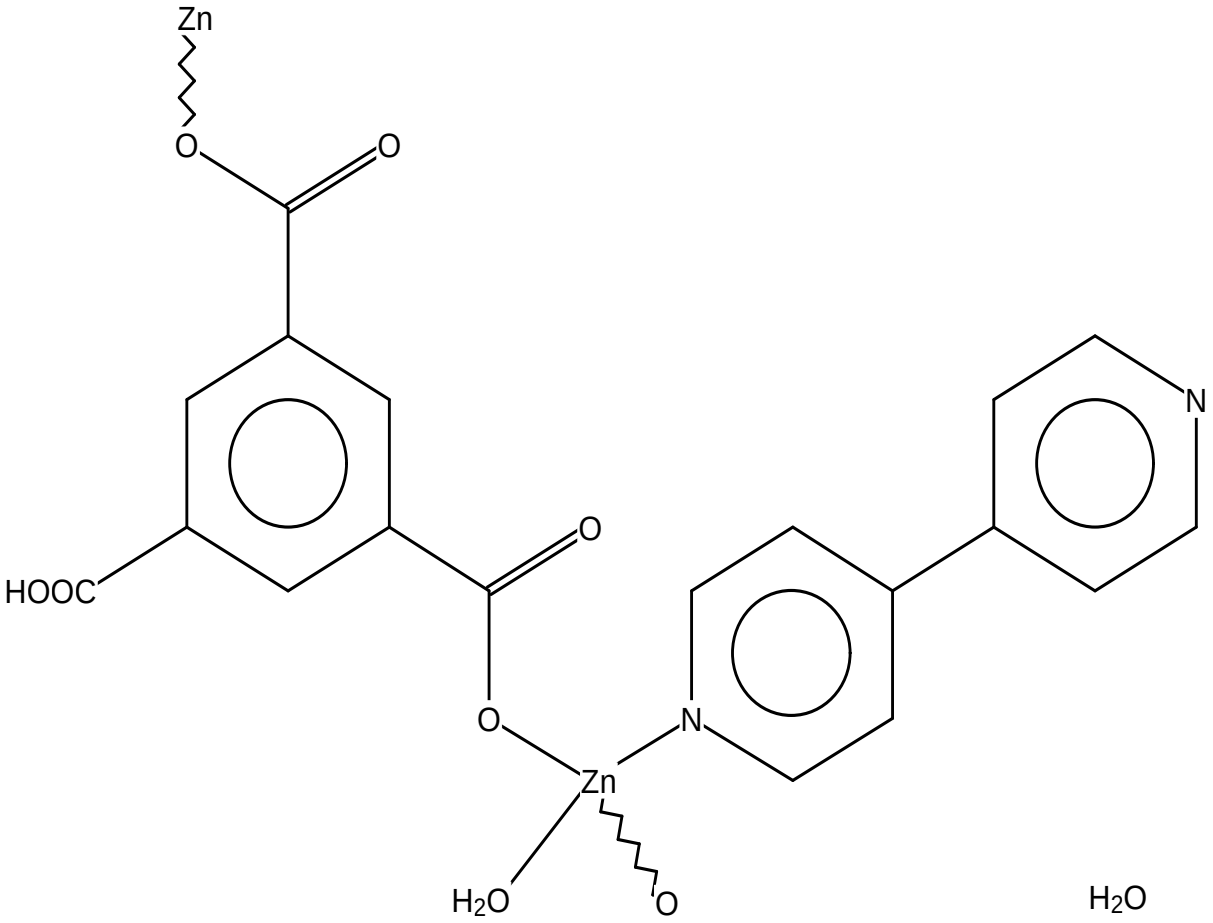
Reference: You-Fu Zhou, Ben-Yong Lou, Da-Qiang Yuan, Yan-Qing Xu, Fei-LongJiang, Mao-Chun Hong (2005) *Inorg.Chim.Acta* , **358,**3057

Formula: $(C_{19}\ H_{14}\ N_2\ O_7\ Zn_1)n,4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-1-Carboxybenzene-3,5-dicarboxylato)-aqua-(4,4'-bipyridine)-zinc(ii) tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	32.039(1)	***b*** 9.538(0)	***c***	14.244(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 91.95(0)	γ	90.00

R-Factor (%): 7.17 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.587



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 266

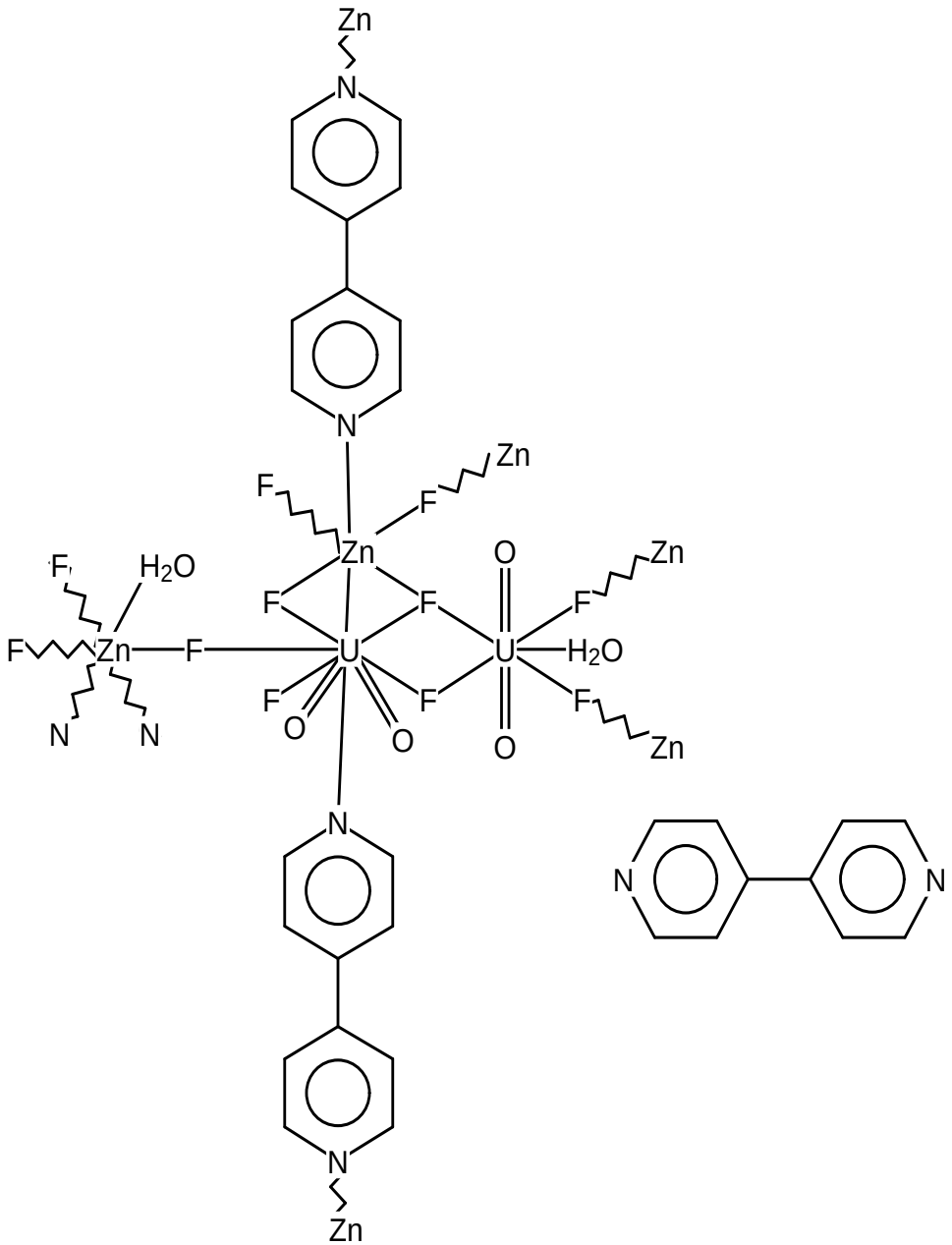
CAWGAJ

Reference: Chih-Min Wang, Chia-Hsien Liao, Hsien-Ming Kao, Kwang-Hwa Lii (2005) *Inorg.Chem.* ,**44,**6294

Formula: $(C_{20}\ H_{20}\ F_8\ N_4\ O_6\ U_2\ Zn_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_3-fluoro)-hexakis(μ_2-fluoro)-bis(μ_2-4,4'-bipyridine)-diaqua-fluoro-tetraoxo-di-uranium(vi)-di-zinc 4,4'-bipyridine solvate)

Space Group:	P21/c	***Cell:***	***a***	9.463(0)	***b***	22.384(1)	***c*** 16.753(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.90(0)	γ 90.00
R-Factor (%):	1.92	***Temperature(K):***	293		***Density(g/cm^3):***		2.486



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 267

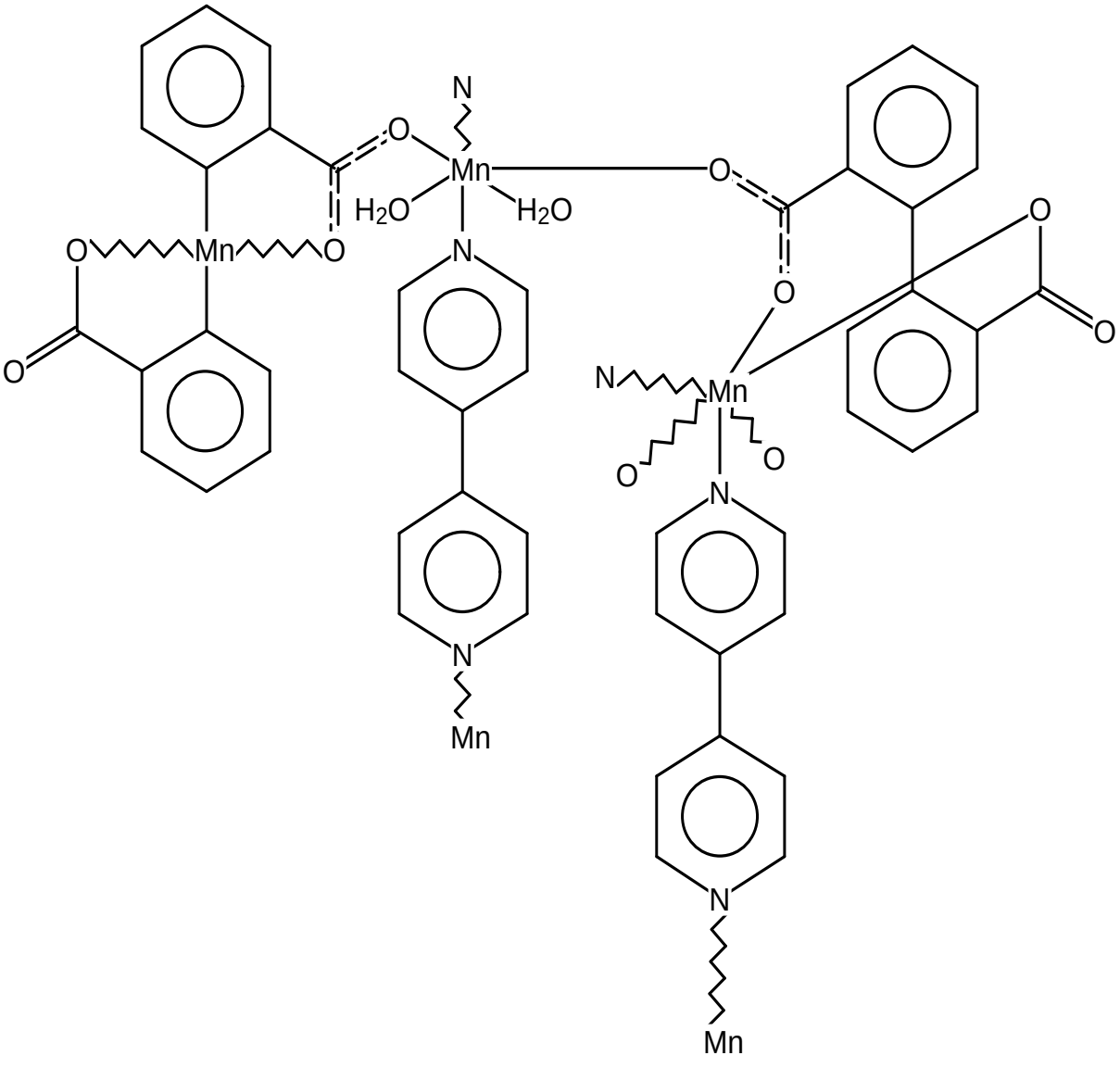
CAXLAP

Reference: Fenyan Lian, Ruihu Wang, Lei Han, Feilong Jiang, Maochun Hong (2005) *Z.Anorg.Allg.Chem.* ,**631,**2485

Formula: $(C_{48}\ H_{36}\ Mn_2\ N_4\ O_{10})n$

Compound Name: catena-(bis(μ_2-diphenato)-bis(μ_2-4,4'-dipyridine)-diaqua-di-manganese(ii))

Space Group:	C2	***Cell:***	***a***	16.727(6)	***b*** 11.640(4)	***c***	11.270(4)
Space Group No.:	5	***(Å,°)***	α	90.00	β 114.47(0)	γ	90.00
R-Factor (%):	3.50	***Temperature(K):***	130		***Density(g/cm^3):***		1.561



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 268

CAYCOV

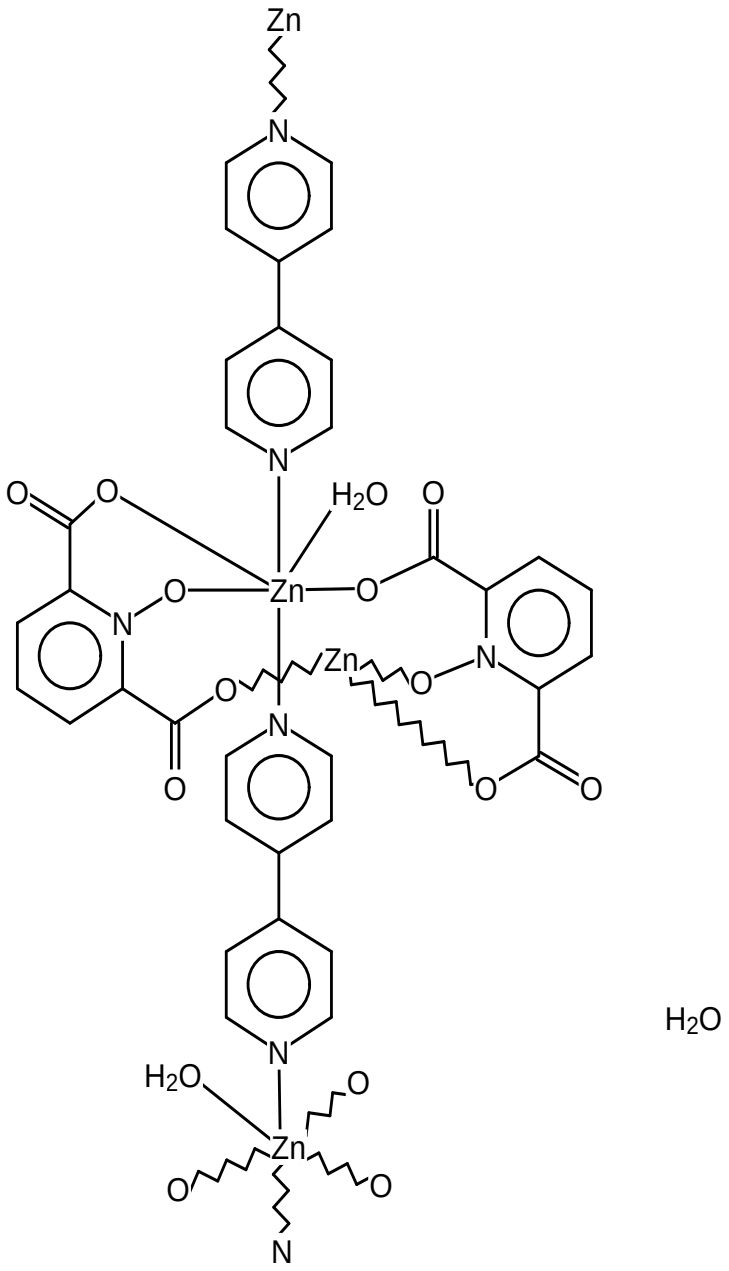
Reference: Li-Li Wen, Dong-Bin Dang, Chun-Ying Duan, Yi-Zhi Li, Zheng-Fang Tian, Qing-Jin Meng (2005) *Inorg.Chem. ,***44,**7161

Formula: $(C_{34}\ H_{26}\ N_6\ O_{12}\ Zn_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-bipyridyl)-(μ$_2$-pyridine-2,6-dicarboxylato-N-oxide)-aqua-zinc(ii)) trihydrate)

Space Group:	P21	***Cell:***	***a***	10.825(2)	***b***	16.860(3)	***c***	11.004(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β	99.03(3)	γ	90.00

R-Factor (%): 4.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.499



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 269

CAYVAA

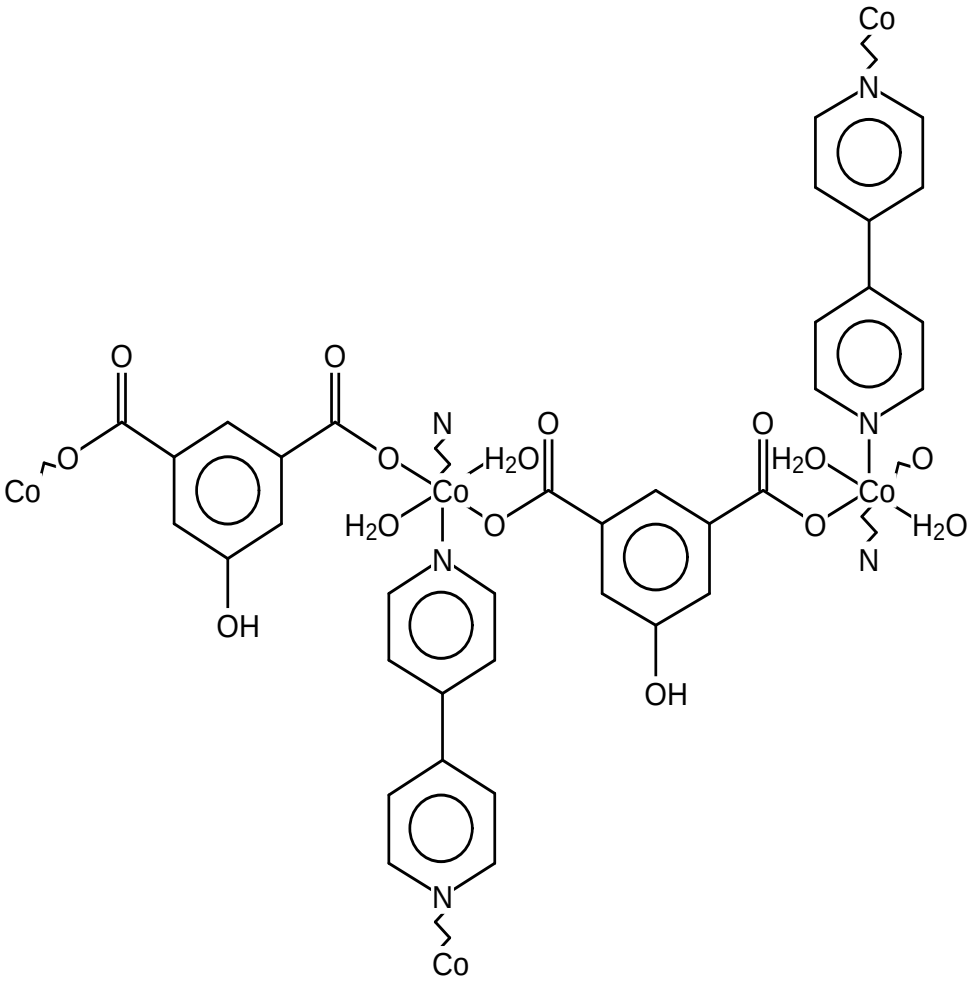
Reference: Hong-Yin He, Yi-Li Zhou, Long-Guan Zhu (2005)
*Z.Kristallogr.-New Cryst.Struct. ,***220,**445

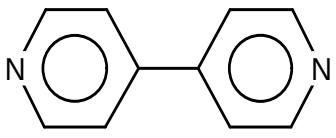
Formula: $(C_{36}\ H_{32}\ Co_2\ N_4\ O_{14})n,2n(C_{10}\ H_8\ N_2),2n(C_2\ H_6\ O_1\ S_1)$

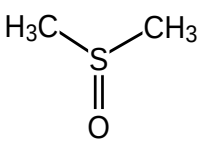
Compound Name: catena-(Tetra-aqua-bis(μ_2-4,4'-bipyridine)-bis(μ_2-5-hydroxy-1,3-benzenedicarboxylato)-di-cobalt(ii) bis(4,4'-bipyridine) bis(dimethylsulfoxide) clathrate)

Space Group:	Pccn	***Cell:***	***a***	13.897(1)	***b***	19.237(2)	***c***	22.753(3)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.82 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.454







Search: search1 (Thu May 26 10:05:42 2011): Hit 270

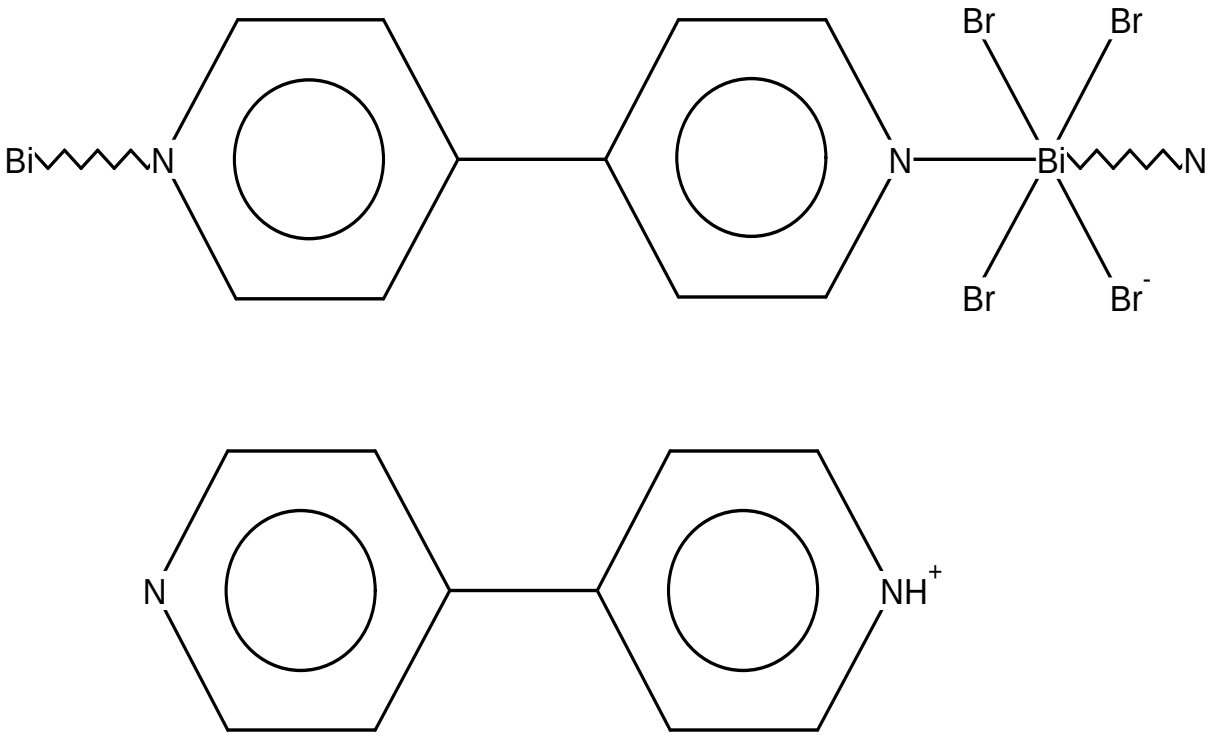
CEDDIZ

Reference: A.Morsali (2006) *Solid State Sciences* ,**8,**82

Formula: $(C_{10}\ H_8\ Bi_1\ Br_4\ N_2\ ^{1-})n,n(C_{10}\ H_9\ N_2\ ^{1+})$

Compound Name: catena-(4,4'-bipyridylium (μ_2-4,4'-bipyridyl)-tetrabromo-bismuth(iii))

Space Group:	Cc	***Cell:***	***a***	12.167(0)	***b***	14.928(1)	***c*** 13.850(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	115.93(0)	γ 90.00
R-Factor (%):	3.95	***Temperature(K):***	120	***Density(g/cm^3):***	2.472		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 271

CEDDIZ02

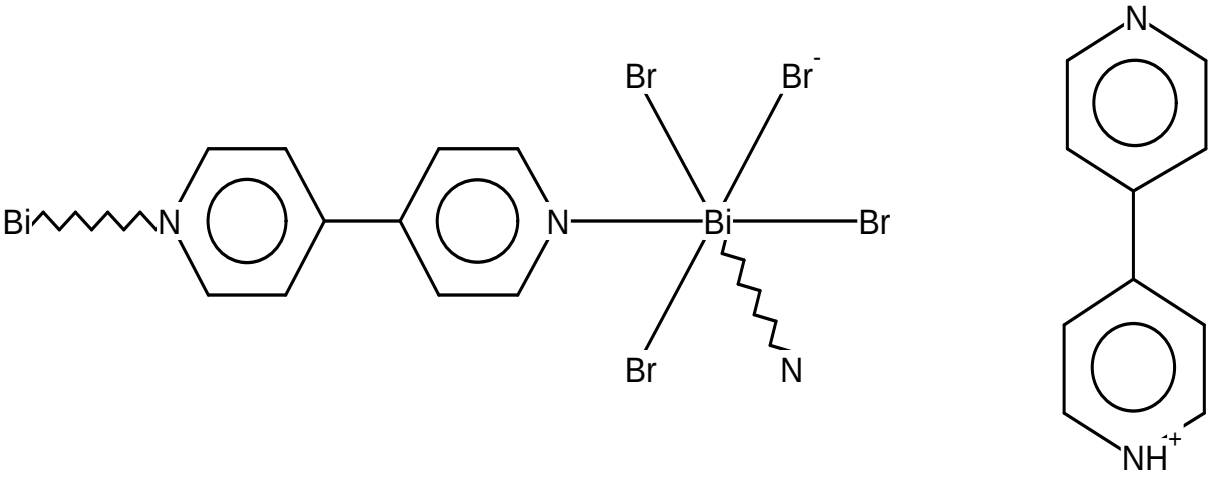
Reference: N.Soltanzadeh, A.Morsali (2009) *J.Coord.Chem.* ,**62,**2869

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,n(C_{10}\ H_8\ Bi_1\ Br_4\ N_2\ ^{1-})$

Compound Name: catena-(4-(4-Pyridyl)pyridinium (4,4'-bipyridine-N,N')-tetrabromo-bismuth(iii))

Space Group:	Fdd2	***Cell:***	***a***	14.936(1)	***b***	25.351(3)	***c*** 12.184(1)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.02 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.424



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 272

CEGKIJ

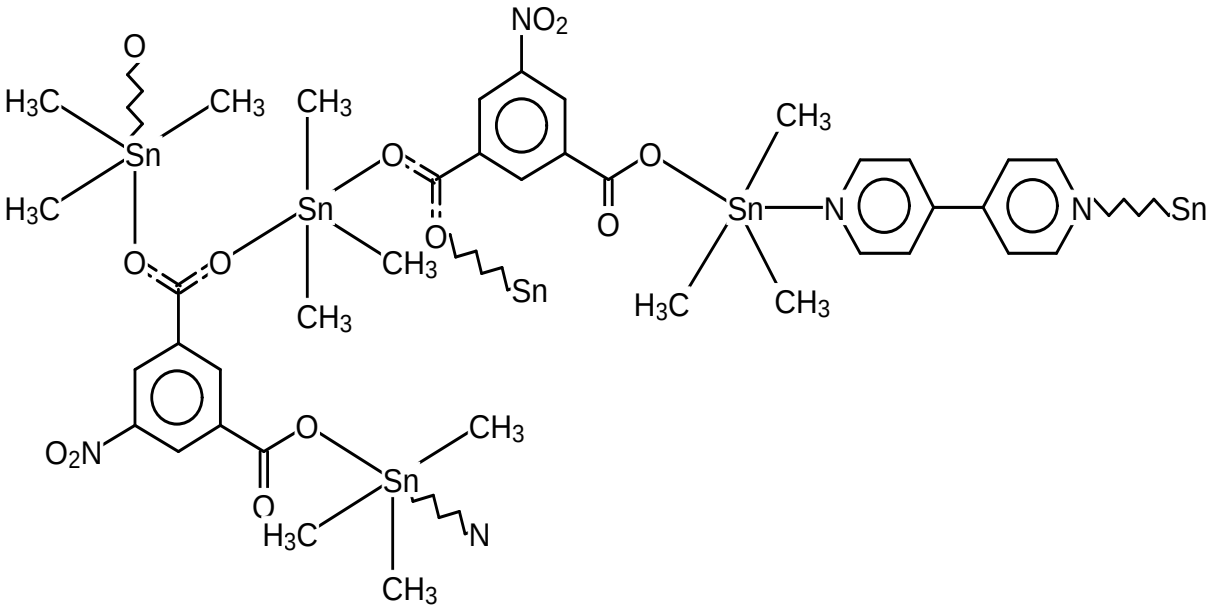
Reference: Chunlin Ma, Jikun Li, Rufen Zhang, Daqi Wang (2006) *Inorg.Chim.Acta* ,**359,**2407

Formula: $(C_{38}\ H_{50}\ N_4\ O_{12}\ Sn_4)n$

Compound Name: catena-(bis(μ_3-5-Nitroisophthalato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-dodecamethyl-tetra-tin(iv))

Space Group:	P21/c	***Cell:***	***a***	6.844(1)	***b***	10.087(1)	***c***	33.583(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.42(0)	γ	90.00

R-Factor (%): 4.43 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.762



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 273

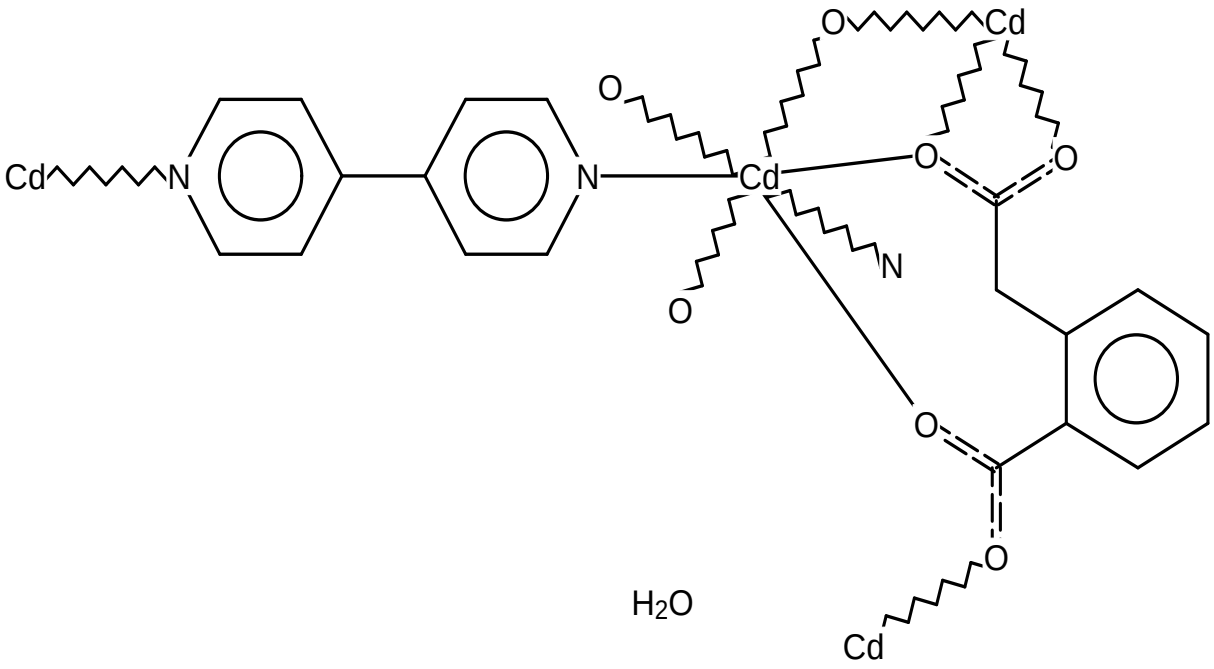
CEHDAV

Reference: Jin-Run He, Yu-Ling Wang, Wen-Hua Bi, Yan-Qin Wang, Rong Cao (2006) *Polyhedron ,***25,**1239

Formula: $(C_{19}\ H_{14}\ Cd_1\ N_2\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-((μ_3-Homophthalato)-(μ_2-4,4'-bipyridine-N,N')-cadmium(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a*** 8.714(0)	***b*** 9.274(0)	***c*** 22.003(2)
Space Group No.:	14	***(Å,°)***	α 90.00	β 92.44(0)	γ 90.00
R-Factor (%):	3.39	***Temperature(K):***	173	***Density(g/cm^3):***	1.738



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 274

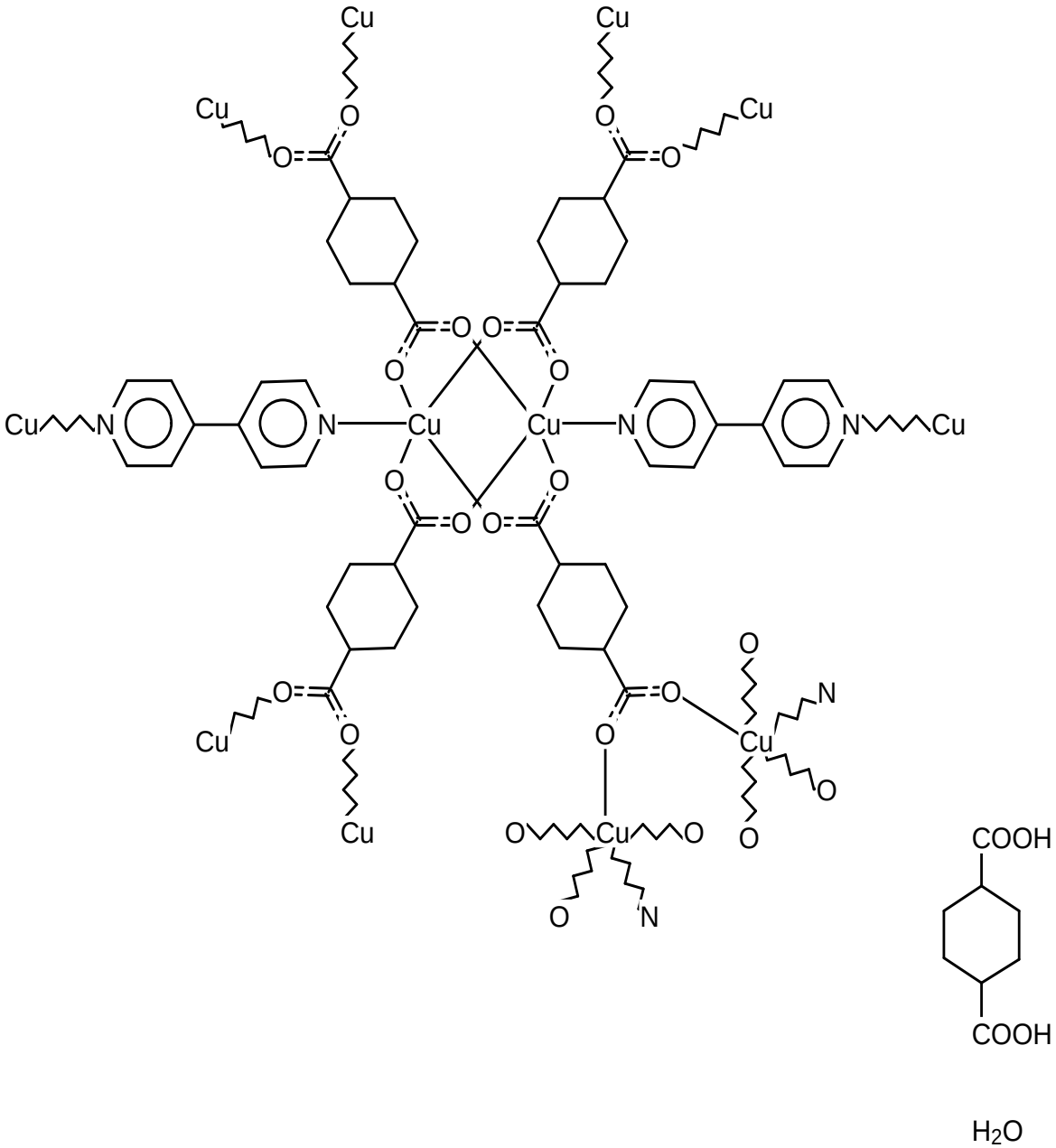
CEHPIP

Reference: Banglin Chen, F.R.Fronczek, B.H.Courtney, F.Zapata (2006) *Cryst.Growth Des.* ,**6,**825

Formula: $(C_{52}\ H_{56}\ Cu_4\ N_4\ O_{16})n,n(C_8\ H_{12}\ O_4),2.5n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_4-trans-Cyclohexane-1,4-dicarboxylato)-bis(μ_2-4,4'-bipyridyl)-di-copper(ii) trans-cyclohexane-1,4-dicarboxyic acid hydrate)

Space Group:	P-1	***Cell:***	***a***	10.804(2)	***b***	10.741(3)	***c*** 14.050(4)
Space Group No.:	2	***(Å,°)***	α	87.36(1)	β	88.03(1)	γ 68.72(1)
R-Factor (%):	8.25	***Temperature(K):***	110	***Density(g/cm^3):***	1.603		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 275

CEJCAW

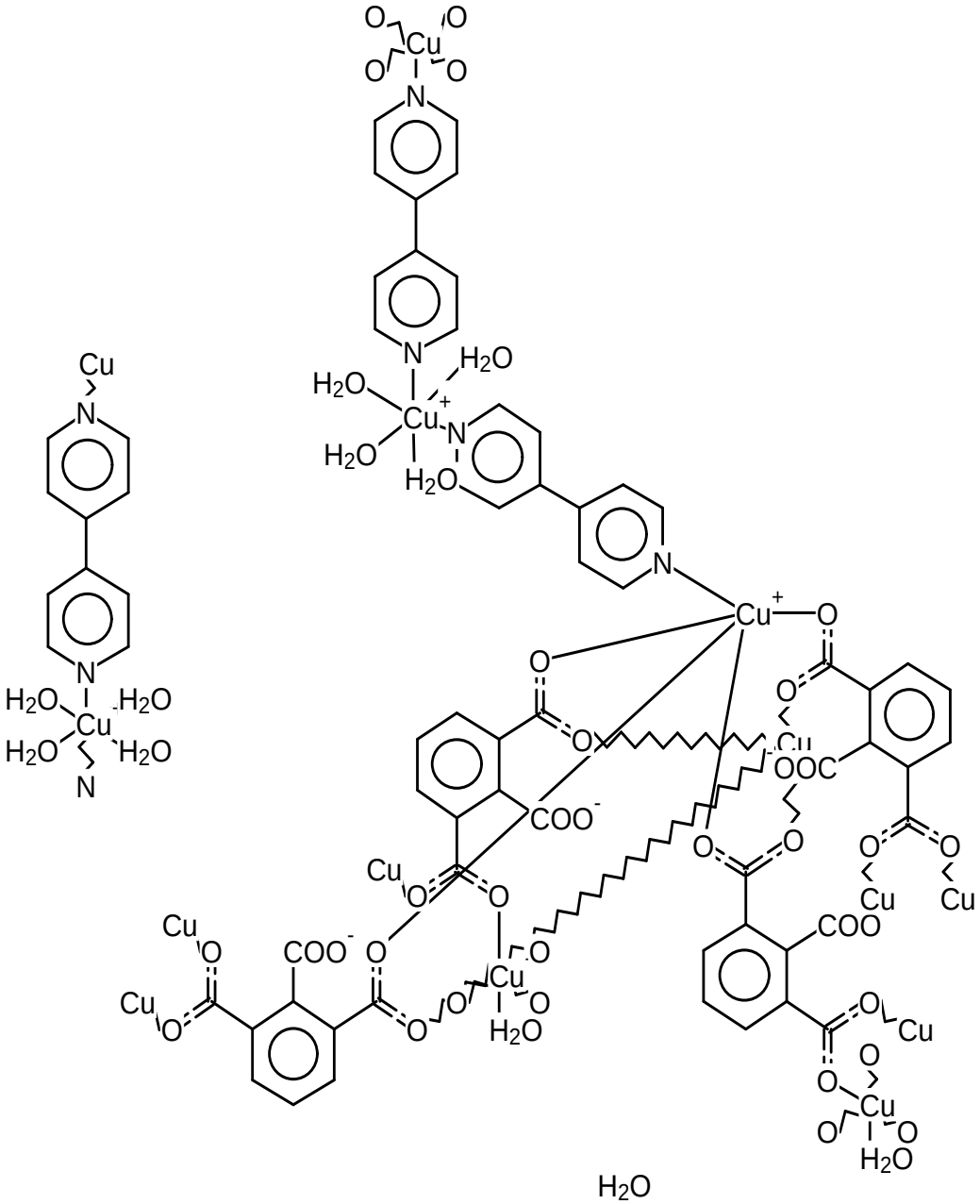
Reference: Bing Liu, Ling Xu (2006) *Inorg.Chem.Commun.* ,**9,**364

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{1+})n,n(C_{56}\ H_{40}\ Cu_5\ N_4\ O_{30}\ ^{1-}),8n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetra-aqua-copper(ii) tetrakis(μ_4-benzene-1,2,3-tricarboxylato)-bis(μ_2-4,4'-bipyridine)-hexa-aqua-penta-copper(ii) octahydrate)

Space Group:	P-1	***Cell:***	***a***	11.156(1)	***b***	13.043(2)	***c***	14.135(2)
Space Group No.:	2	***(Å,°)***	α	89.76(1)	β	87.18(1)	γ	85.01(1)

R-Factor (%): 9.27 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.625



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 276

CEJQOX

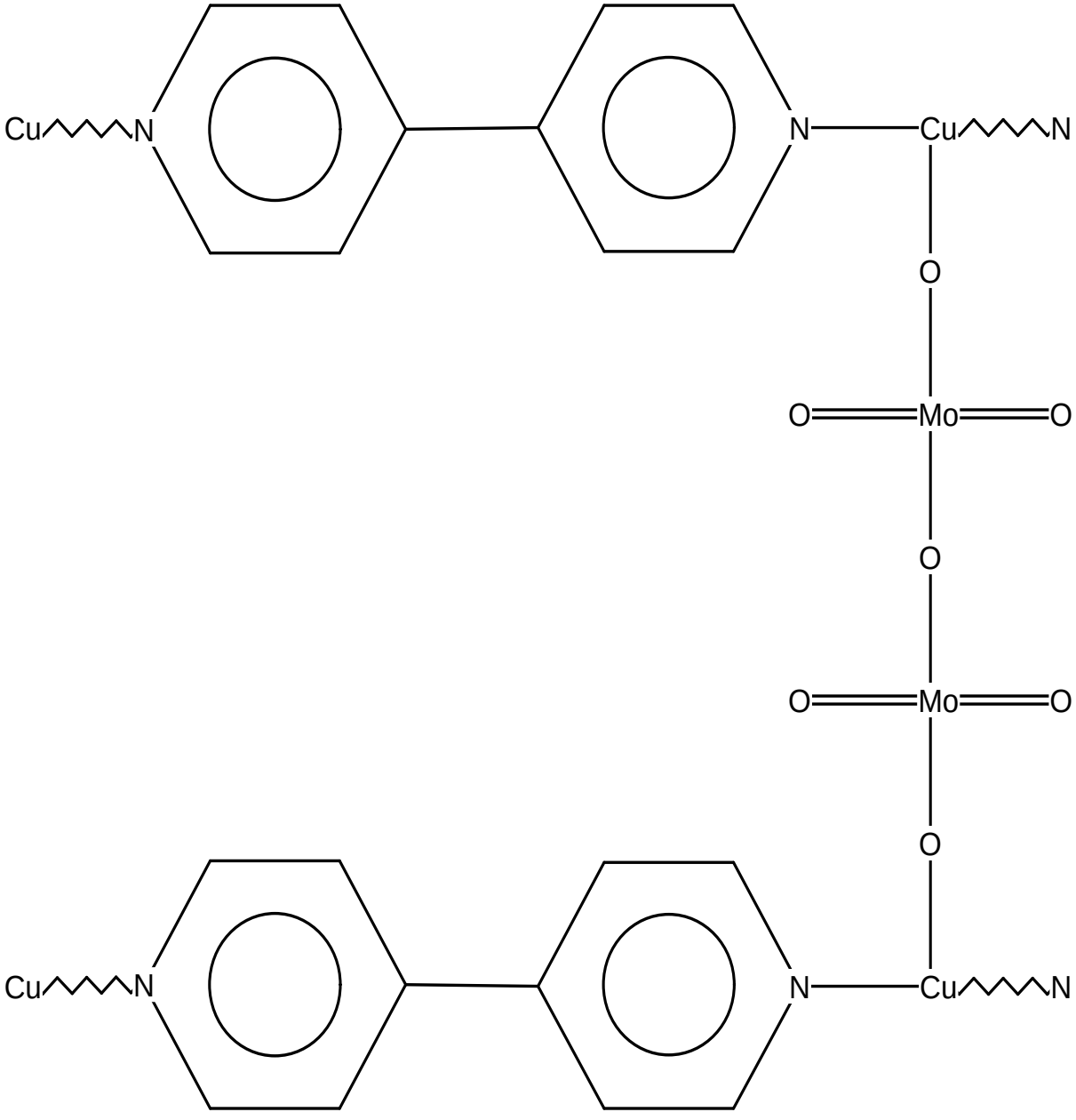
Reference: Wan-Sheng You, En-Bo Wang, Lin Xu, Chang-Wen Hu, Guo-You Luan (2000) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **56,**289

Formula: $(C_{20}\ H_{16}\ Cu_2\ Mo_2\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl-N,N')-(μ_2-dimolybdato-O,O')-di-copper(i))

Space Group:	Pbcn	***Cell:***	***a***	11.839(2)	***b***	9.108(2)	***c***	21.319(4)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.148



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 277

CEJQOX01

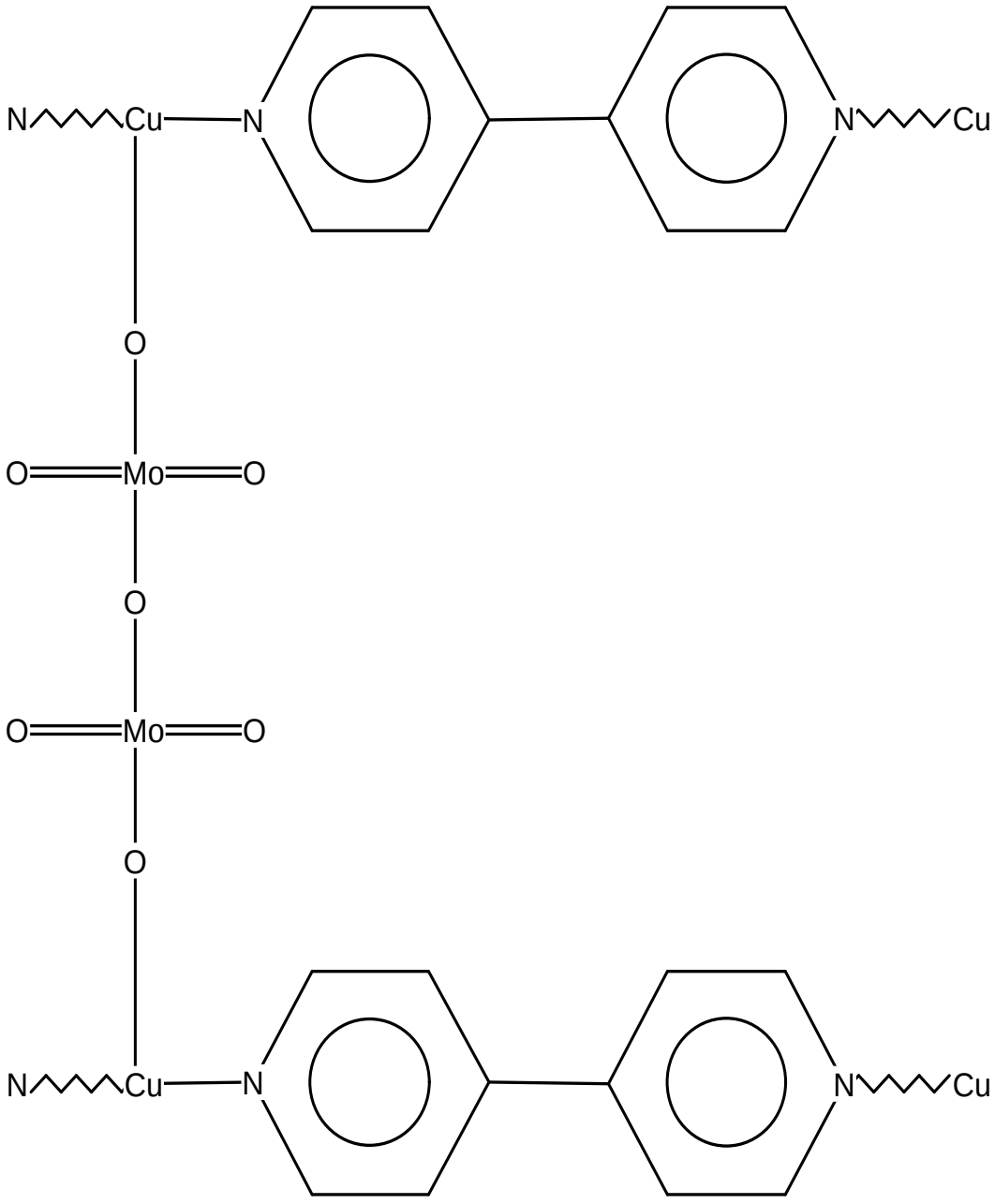
Reference: D.Hagrman, P.Hagrman, J.Zubieta (2000) *Inorg.Chim.Acta* ,**300,**212

Formula: $(C_{20}\ H_{16}\ Cu_2\ Mo_2\ N_4\ O_7)n$

Compound Name: catena-(tris(μ_2-Oxo)-bis(μ_2-4,4'-bipyridyl)-di-copper(i)-bis(dioxo-molybdenum))

Space Group:	P21/n	***Cell:***	***a***	9.111(0)	***b***	21.316(1)	***c***	11.859(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.02(0)	γ	90.00

R-Factor (%): 11.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.144



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 278

CEJQOX02

Reference: Can-Zhong Lu, Chuan-De Wu, Hong-Hui Zhuang, Jin-Shun Huang (2002) *Chem.Mater. ,***14,**2649

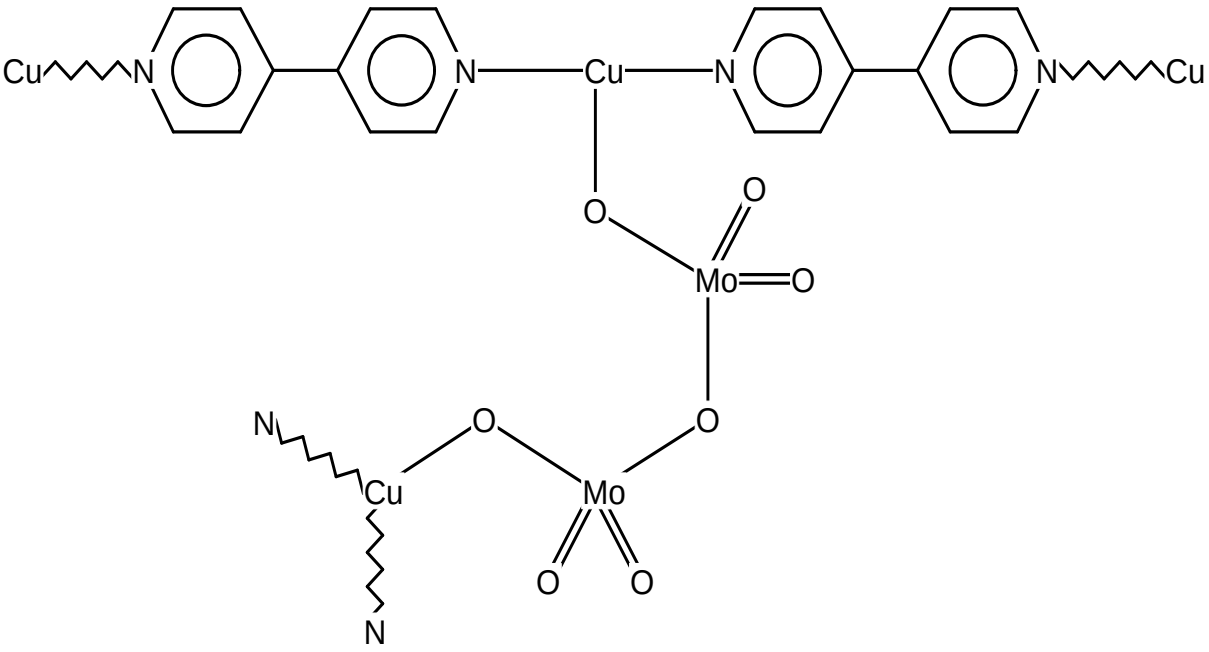
Formula: $(C_{20}\ H_{16}\ Cu_2\ Mo_2\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-tris(μ_2-oxo)-tetraoxo-di-copper(i)-di-molybdenum)

Synonym: catena-(bis(μ_2-4,4'-Bipyridyl)-(μ_2-heptaoxo-dimolybdato-O,O')-di-copper(i))

Space Group:	Pbcn	***Cell:***	***a***	11.841(0)	***b***	9.105(1)	***c*** 21.311(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.149



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 279

CERFIP

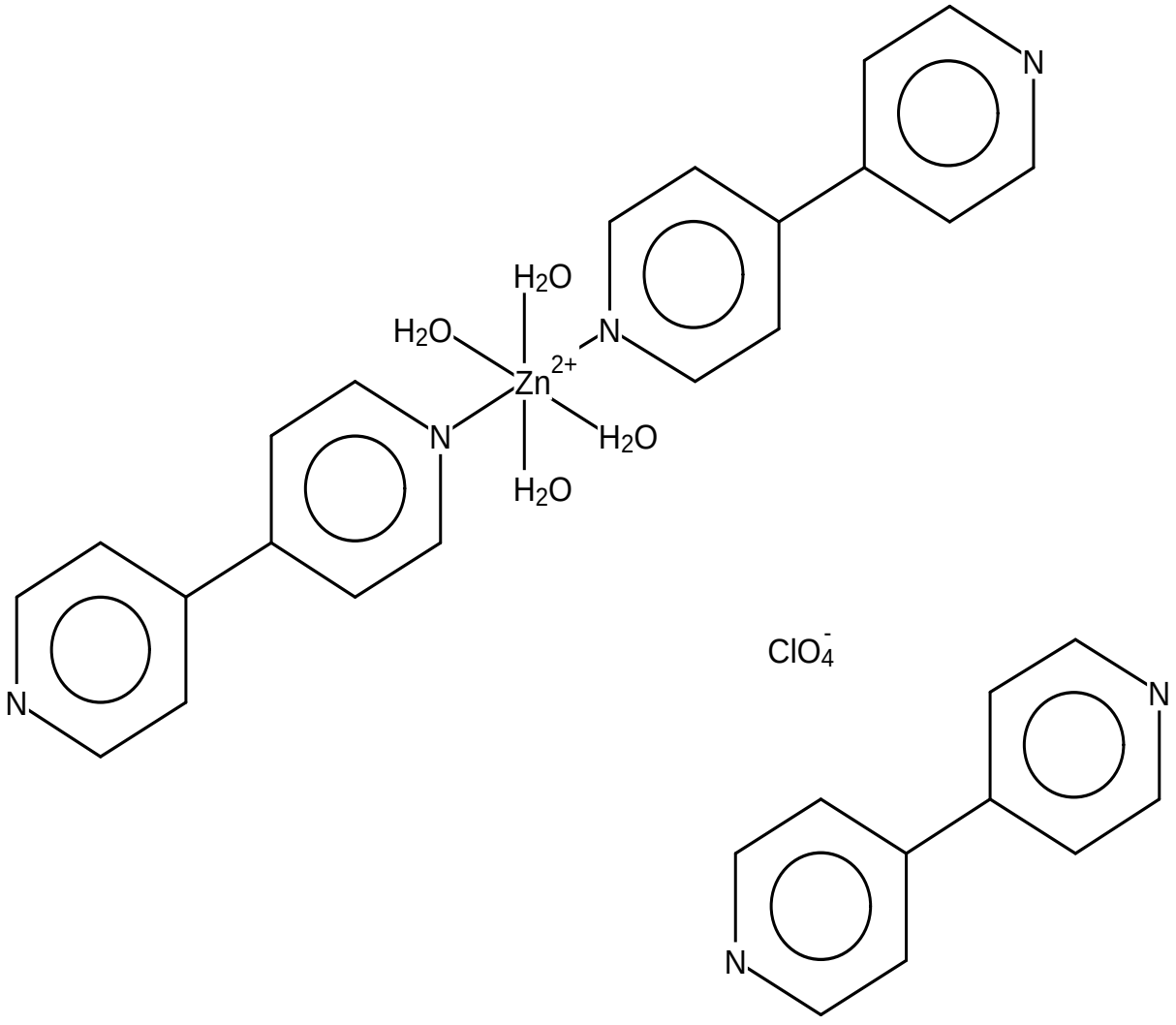
Reference: J.D.Woodward, R.V.Backov, K.A.Abboud, D.R.Talham (2006) *Polyhedron* ,**25,**2605

Formula: $C_{20}\,H_{24}\,N_4\,O_4\,Zn_1\,^{2+}$,2($Cl_1\,O_4\,^{1-}$),4($C_{10}\,H_8\,N_2$)

Compound Name: Tetraaqua-bis(4,4'-bipyridyl)-zinc(ii) diperchlorate tetrakis(4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	7.720(0)	***b*** 14.199(0)	***c***	14.839(0)
Space Group No.:	2	***(Å,°)***	α	63.54(0)	β 88.30(0)	γ	81.94(0)

R-Factor (%): 3.85 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.468



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 280

CERFOV

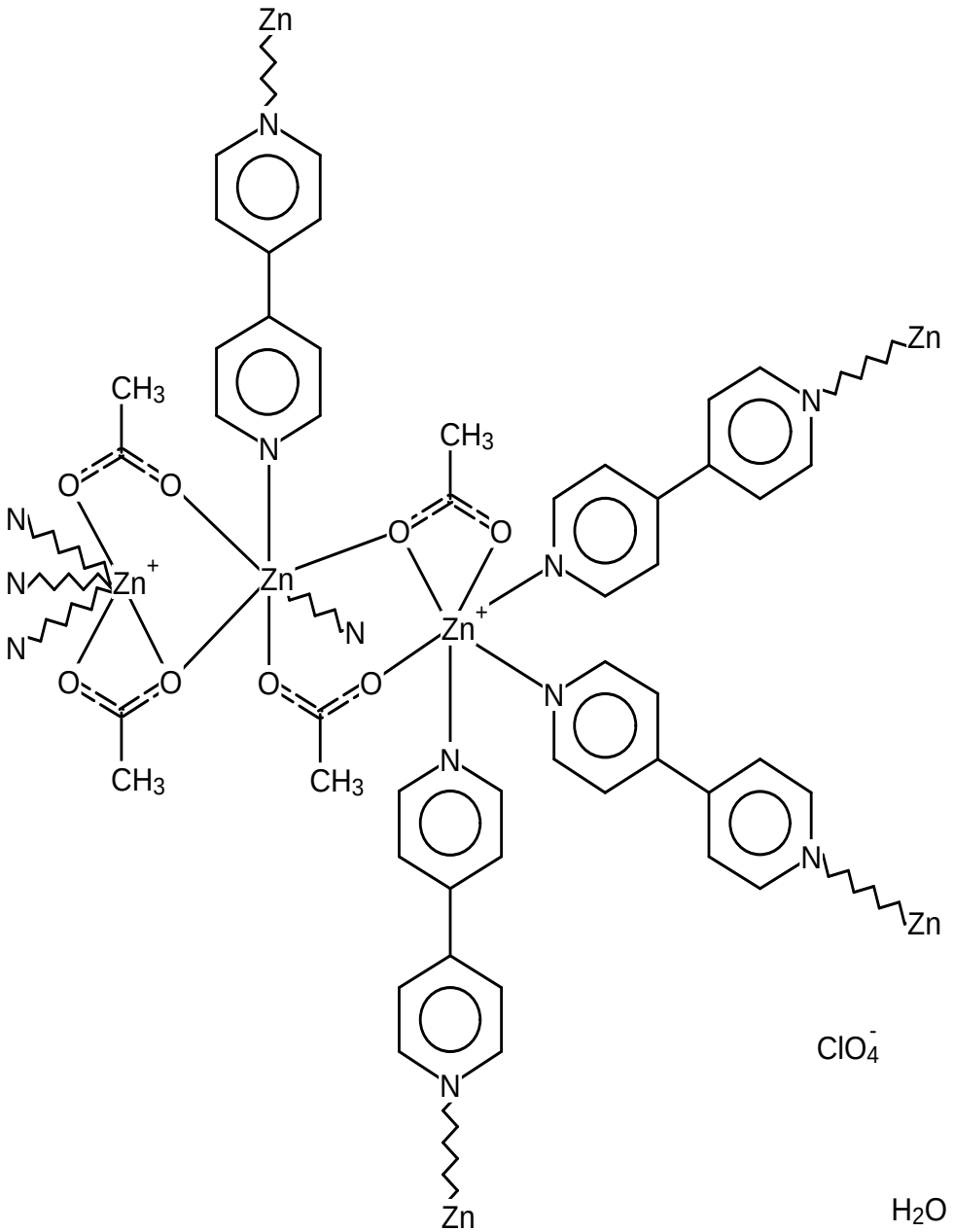
Reference: J.D.Woodward, R.V.Backov, K.A.Abboud, D.R.Talham (2006) *Polyhedron* ,**25,**2605

Formula: $(C_{48}\ H_{44}\ N_8\ O_8\ Zn_3\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-Acetato-O,O,O')-bis(μ_2-acetato-O,O')-tetrakis(μ_2-4,4'-bipyridyl)-tri-zinc(ii) diperchlorate dihydrate]

Space Group:	P-1	***Cell:***	***a*** 11.227(0)	***b*** 11.464(0)	***c*** 11.961(0)
Space Group No.:	2	***(Å,°)***	α 106.45(0)	β 109.42(0)	γ 100.53(0)

R-Factor (%): 4.59 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.618



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 281

CERFUB

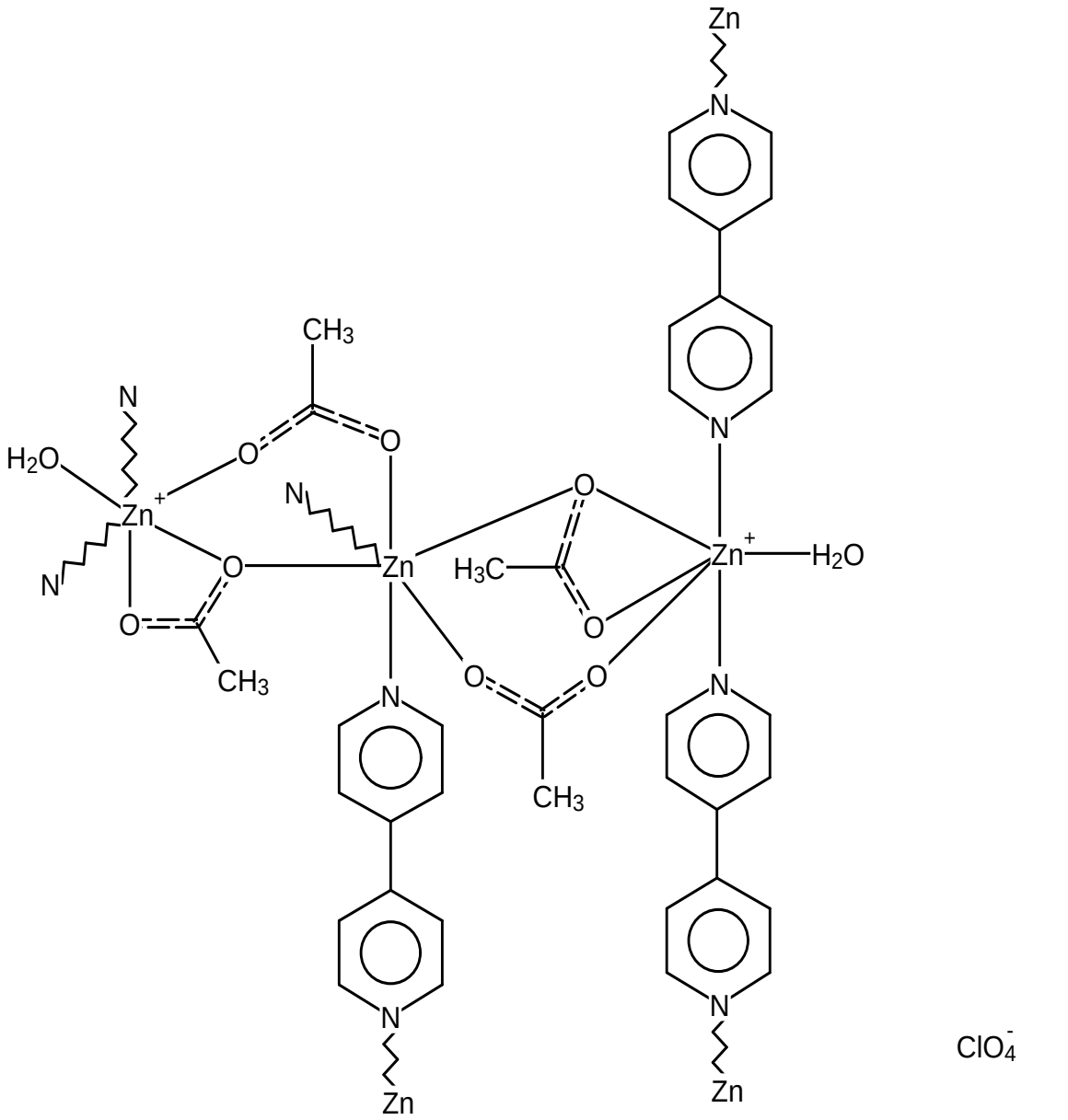
Reference: J.D.Woodward, R.V.Backov, K.A.Abboud, D.R.Talham (2006) *Polyhedron* ,**25,**2605

Formula: $(C_{38}\ H_{40}\ N_6\ O_{10}\ Zn_3\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-Acetato-O,O,O')-bis(μ_2-acetato-O,O')-tris(μ_2-4,4'-bipyridyl)-tri-zinc(ii) diperchlorate dihydrate]

Space Group:	P-1	***Cell:***	***a***	9.117(0)	***b***	11.325(0)	***c***	11.635(0)
Space Group No.:	2	***(Å,°)***	α	80.80(0)	β	80.66(0)	γ	74.16(0)

R-Factor (%): 3.63 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.719



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 282

CERGAI

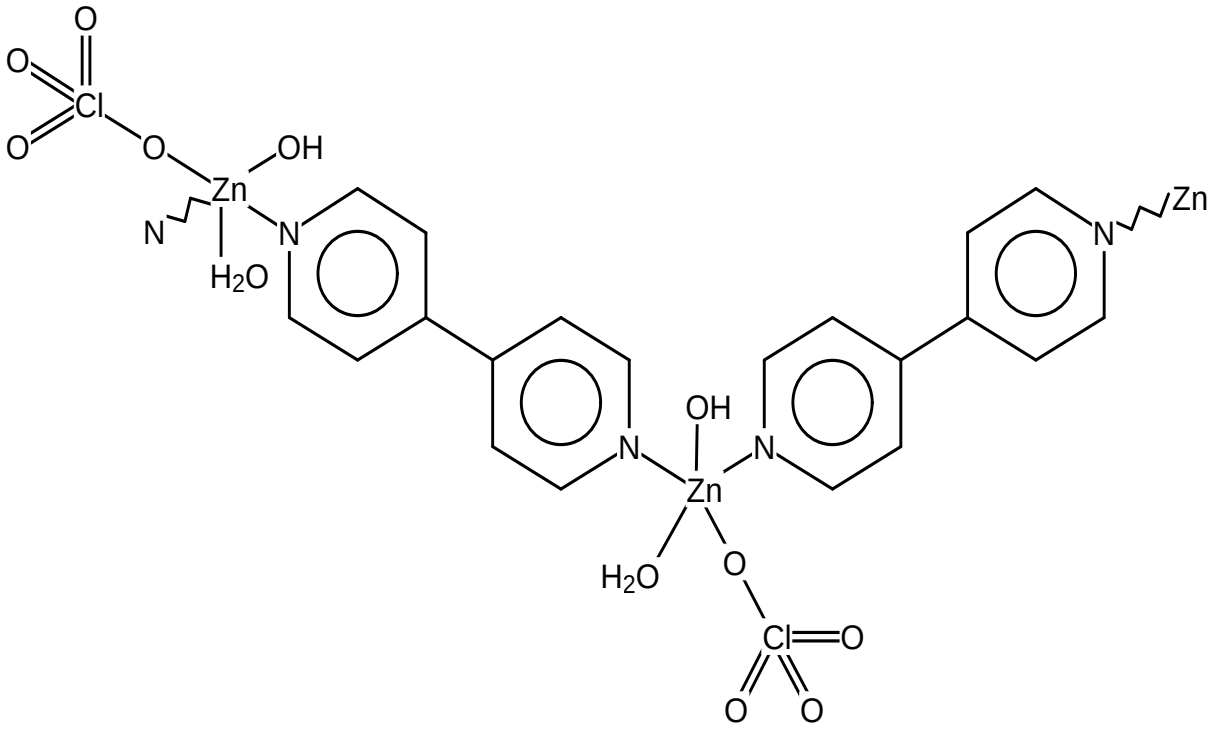
Reference: J.D.Woodward, R.V.Backov, K.A.Abboud, D.R.Talham (2006) *Polyhedron* ,**25,**2605

Formula: $(C_{20}\ H_{22}\ Cl_2\ N_4\ O_{12}\ Zn_2)n$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-diaqua-dihydroxy-bis(perchlorato)-di-zinc(ii)]

Space Group:	P21/n	***Cell:***	***a***	7.585(1)	***b***	15.485(2)	***c*** 10.690(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.76(0)	γ 90.00

R-Factor (%): 3.17 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.906



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 283

CERGEM

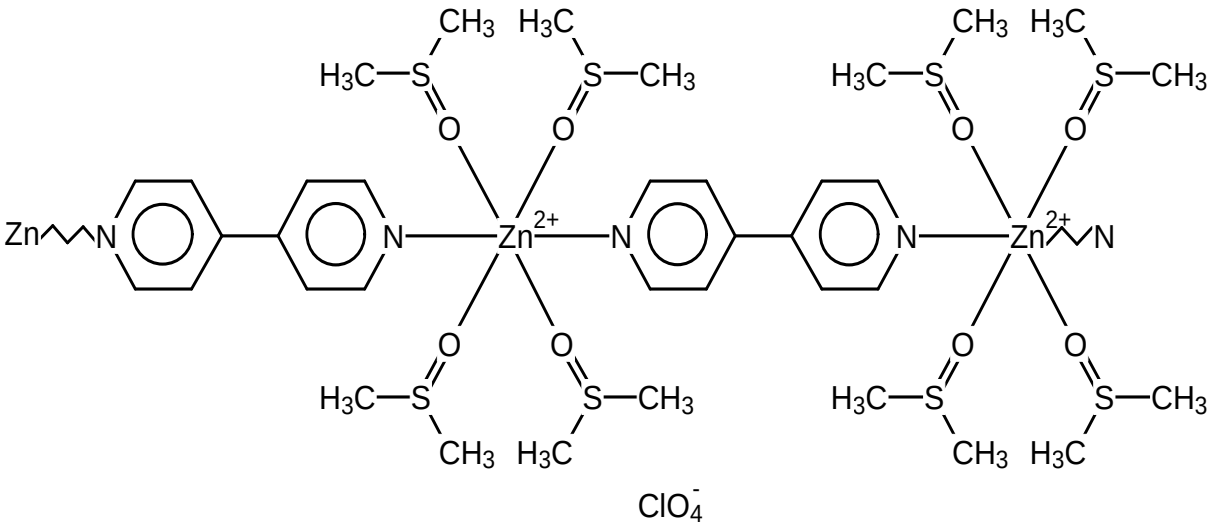
Reference: J.D.Woodward, R.V.Backov, K.A.Abboud, D.R.Talham (2006) *Polyhedron* ,**25,**2605

Formula: $(C_{36}\ H_{64}\ N_4\ O_8\ S_8\ Zn_2\ ^{4+})n,4n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-octakis(dimethylsulfoxide)-di-zinc(ii) tetraperchlorate]

Space Group:	P-1	***Cell:***	***a***	8.349(0)	***b***	9.315(0)	***c***	19.478(0)
Space Group No.:	2	***(Å,°)***	α	86.68(0)	β	89.34(0)	γ	89.42(0)

R-Factor (%): 2.74 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.610



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 284

CERGIP

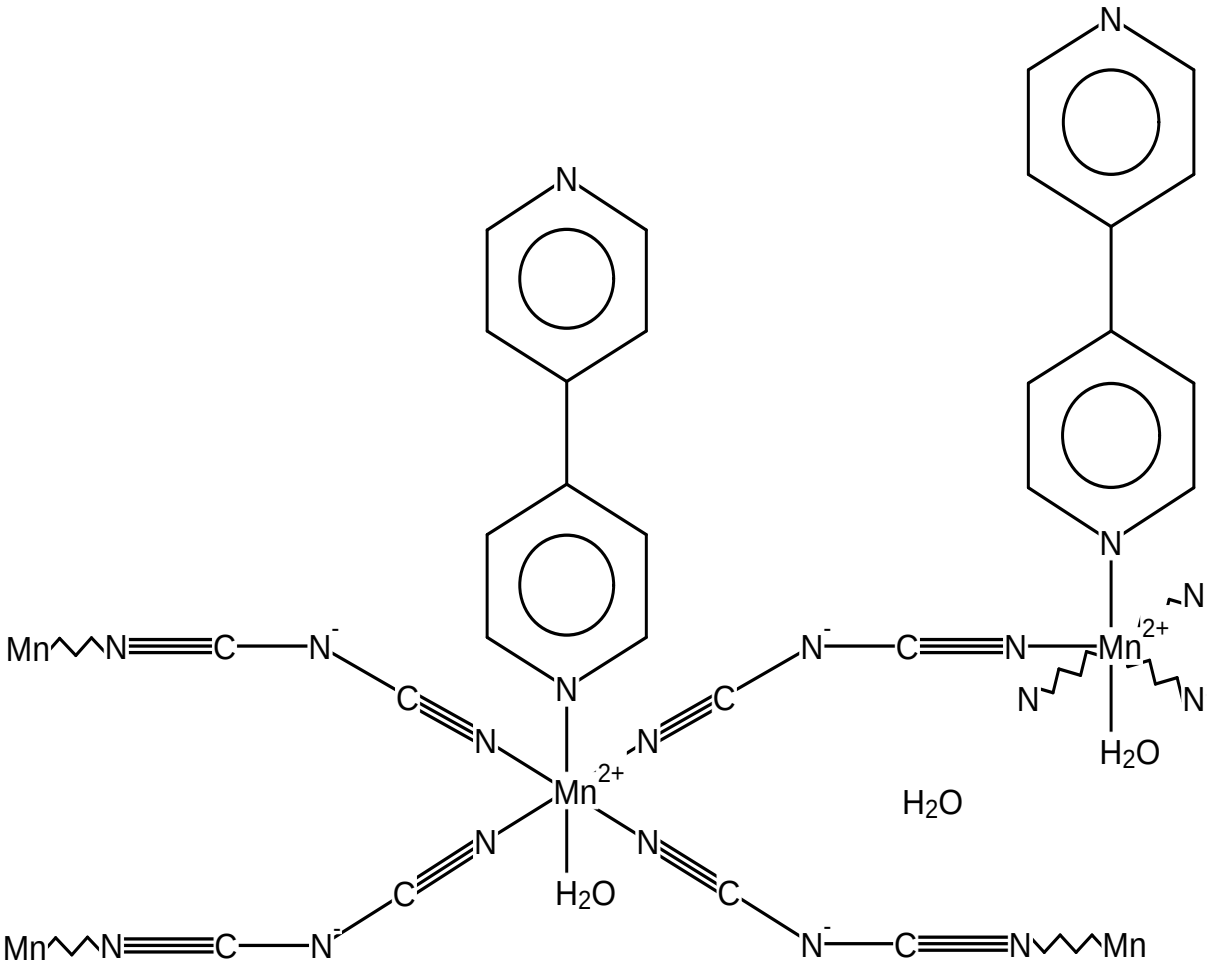
Reference: J.L.Manson, A.M.Arif, C.D.Incarvito, L.M.Liable-Sands, A.L.Rheingold, J.S.Miller (1999) *J.Solid State Chem. ,***145,**369

Formula: $(C_{28}\ H_{20}\ Mn_2\ N_{16}\ O_2)n,n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Dicyanamide-N,N')-diaqua-bis(4,4'-bipyridine-N)-di-manganese(ii) monohydrate)

Space Group:	Iba2	***Cell:***	***a***	22.378(6)	***b***	22.517(5)	***c***	13.519(5)
Space Group No.:	45	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.84 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.444



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 285

CERGIP01

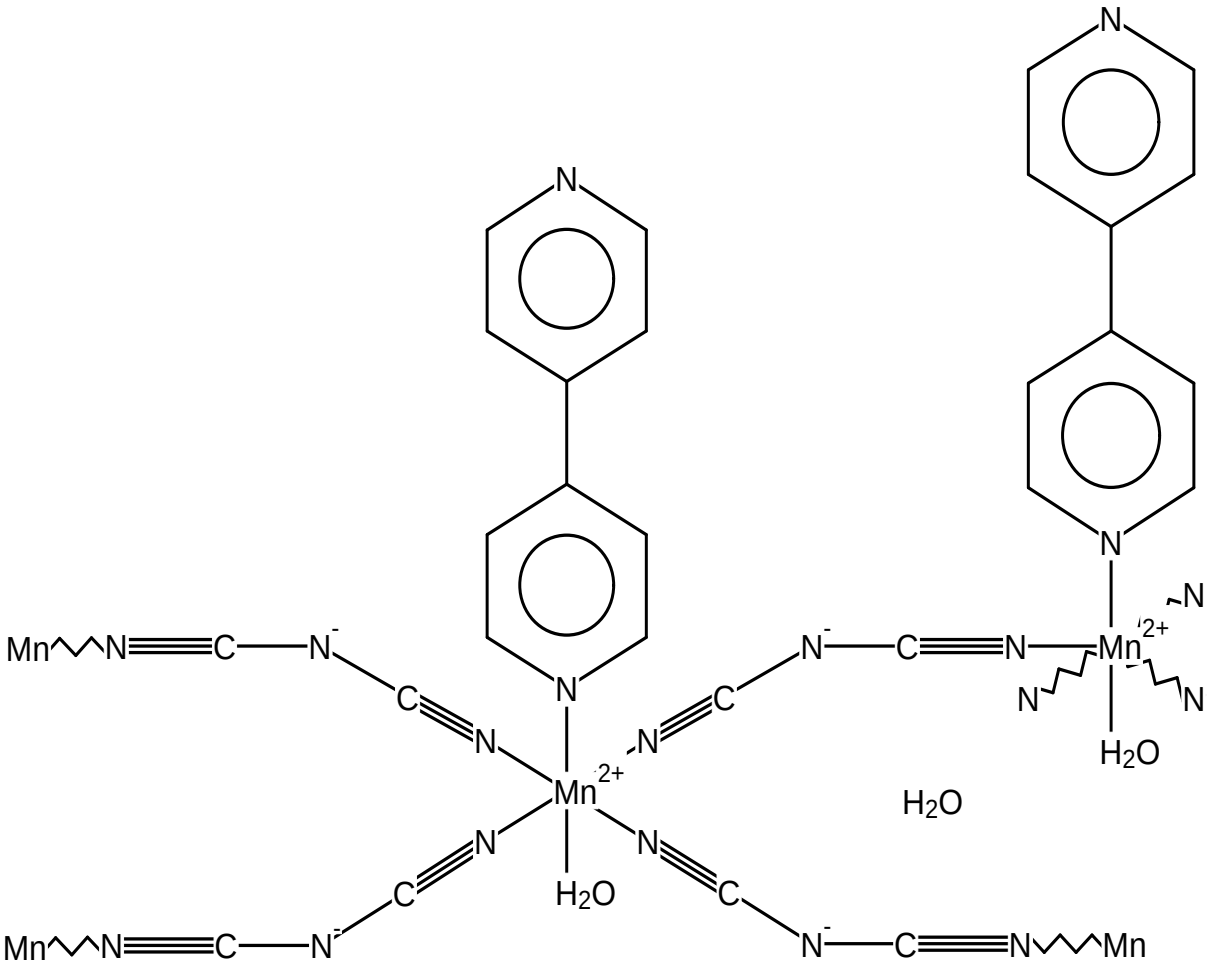
Reference: J.L.Manson, C.D.Incarvito, A.M.Arif, A.L.Rheingold, J.S.Miller (1999) *Mol.Cryst.Liq.Cryst.Sci.Technol.,Sect.A* ,**334,**605

Formula: $(C_{28}\ H_{20}\ Mn_2\ N_{16}\ O_2)n,n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Dicyanamide-N,N')-diaqua-bis(4,4'-bipyridine-N)-di-manganese(ii) monohydrate)

Space Group:	Iba2	***Cell:***	***a*** 22.378(6)	***b*** 22.517(5)	***c*** 13.519(5)
Space Group No.:	45	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 3.84 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.444



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 286

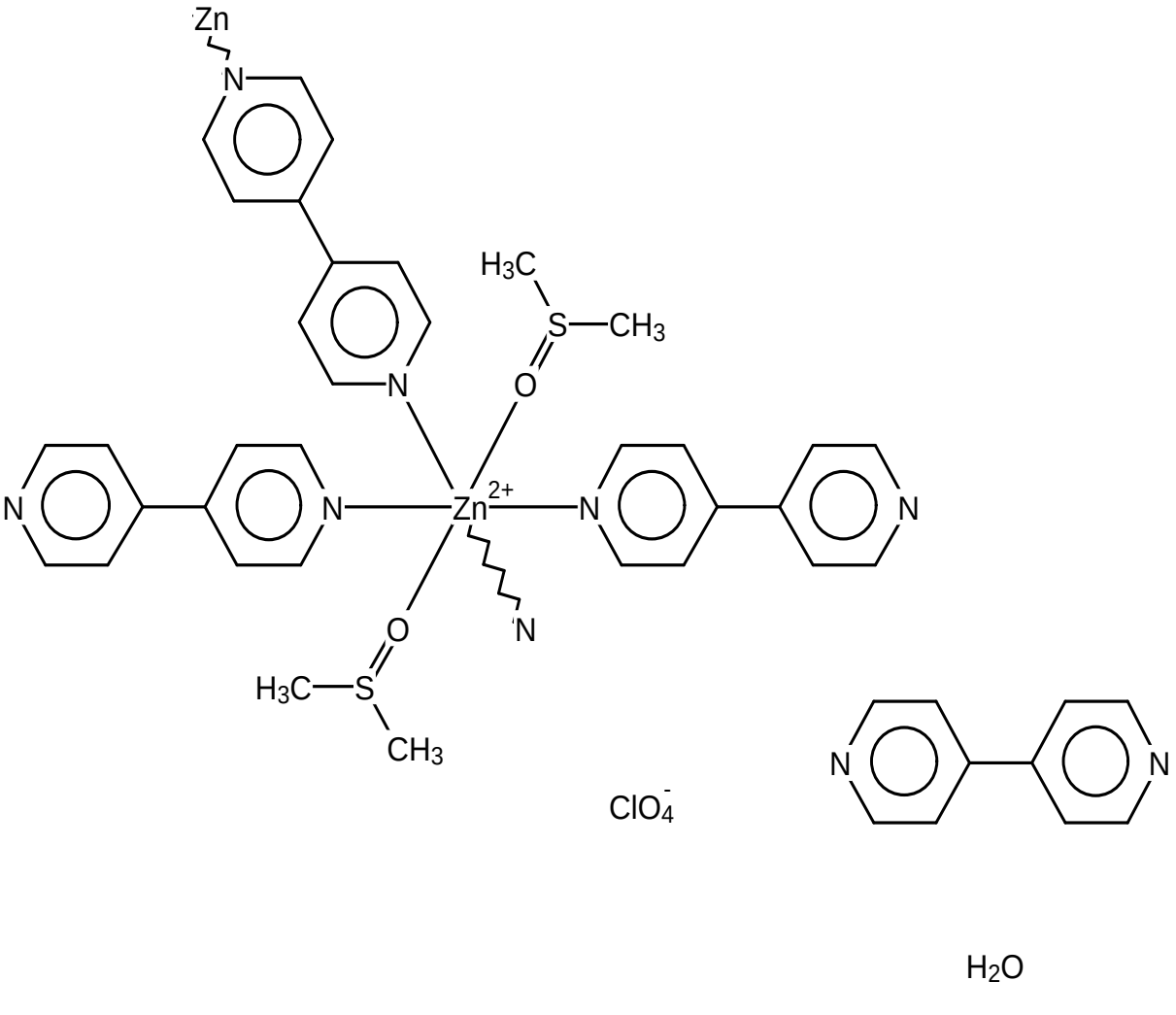
CERGIQ

Reference: J.D.Woodward, R.V.Backov, K.A.Abboud, D.R.Talham (2006) *Polyhedron* ,**25,**2605

Formula: $(C_{34}\ H_{36}\ N_6\ O_2\ S_2\ Zn_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2),0.4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(4,4'-bipyridyl)-bis(dimethylsulfoxide)-zinc(ii) diperchlorate bis(4,4'-bipyridine) hydrate clathrate]

Space Group:	Cc	***Cell:***	***a***	18.666(0)	***b***	11.452(0)	***c*** 25.783(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	94.53(0)	γ 90.00
R-Factor (%):	4.72	***Temperature(K):***	193		***Density(g/cm^3):***		1.461



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 287

CERMIW

Reference: Jin-Sheng Gao, Guang-Feng Hou, Ying-Hui Yu, Yan-Jun Hou, Guang-Ming Li (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**62,**m2685

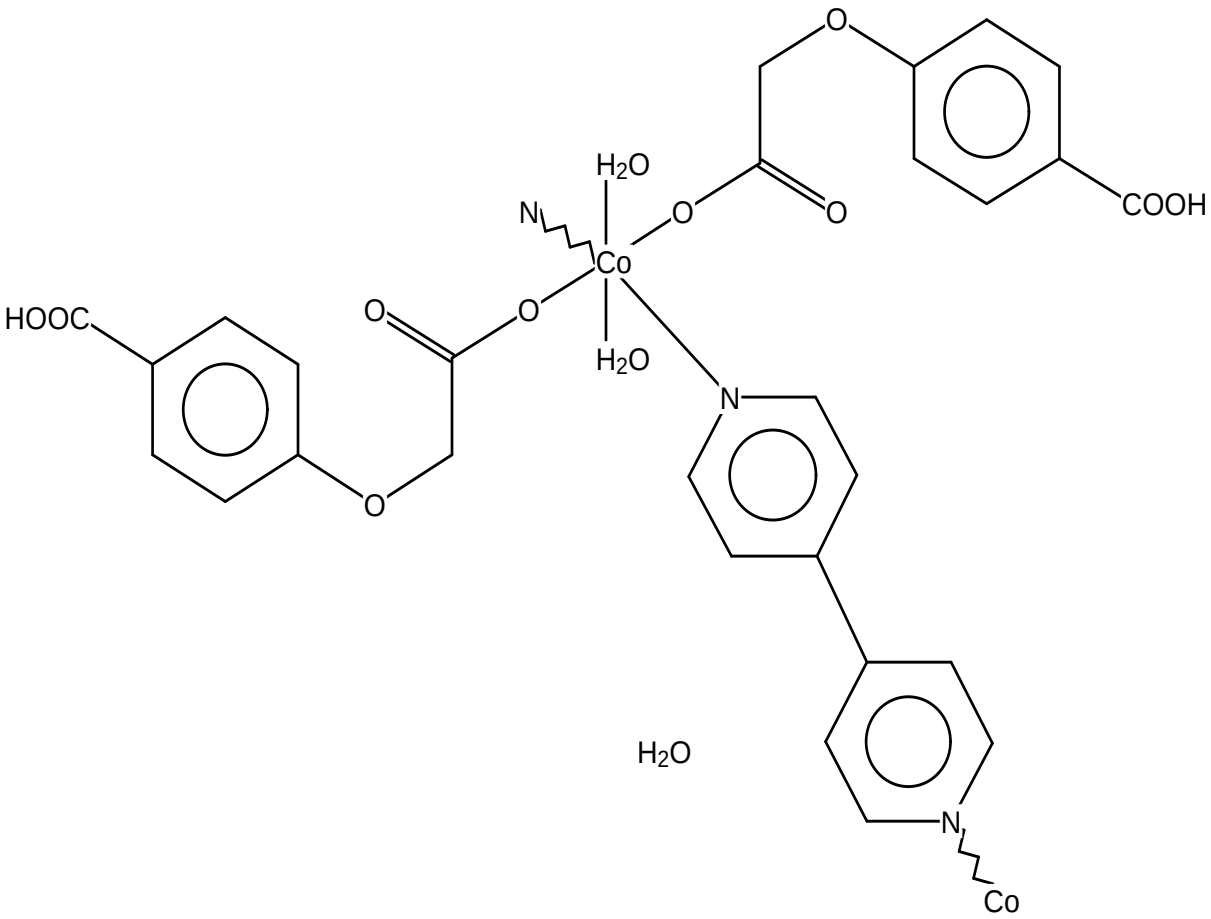
Formula: $(C_{28}\ H_{26}\ Co_1\ N_2\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-diaqua-bis(4-carboxyphenoxyacetato-O)-cobalt(ii) dihydrate)

Synonym: catena-Poly(((diaquabis(4-carboxyphenoxyacetato-κO)cobalt(ii))-μ-4,4'-bipyridine-κ^2N,N') dihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.726(2)	***b*** 11.135(2)	***c***	12.485(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 116.37(3)	γ	90.00

R-Factor (%): 5.16 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.541



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 288

CERPIZ

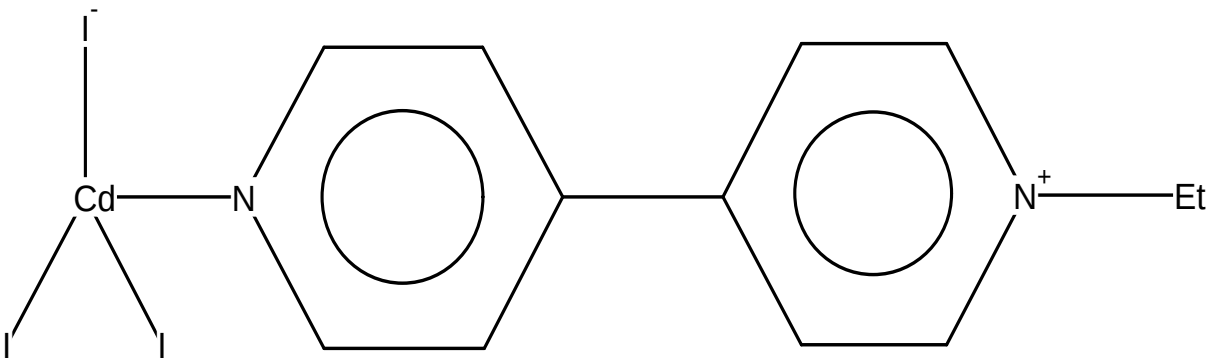
Reference: Hong-Xu Guo, Jian-Xin Chen, Liu-Ming Yang, Zhi-Xing Lin (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,**m2459

Formula: $C_{12}\ H_{13}\ Cd_1\ I_3\ N_2$

Compound Name: (4-Ethyl-4,4'-bipyridinium-κ$N^{4'}$)triiodocadmium(ii)

Space Group:	P21/n	***Cell:***	***a***	7.577(0)	***b***	12.959(0)	***c***	18.901(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.96(0)	γ	90.00

R-Factor (%):	6.88	***Temperature(K):***	293	***Density(g/cm^3):***	2.451



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 289

CERPOE

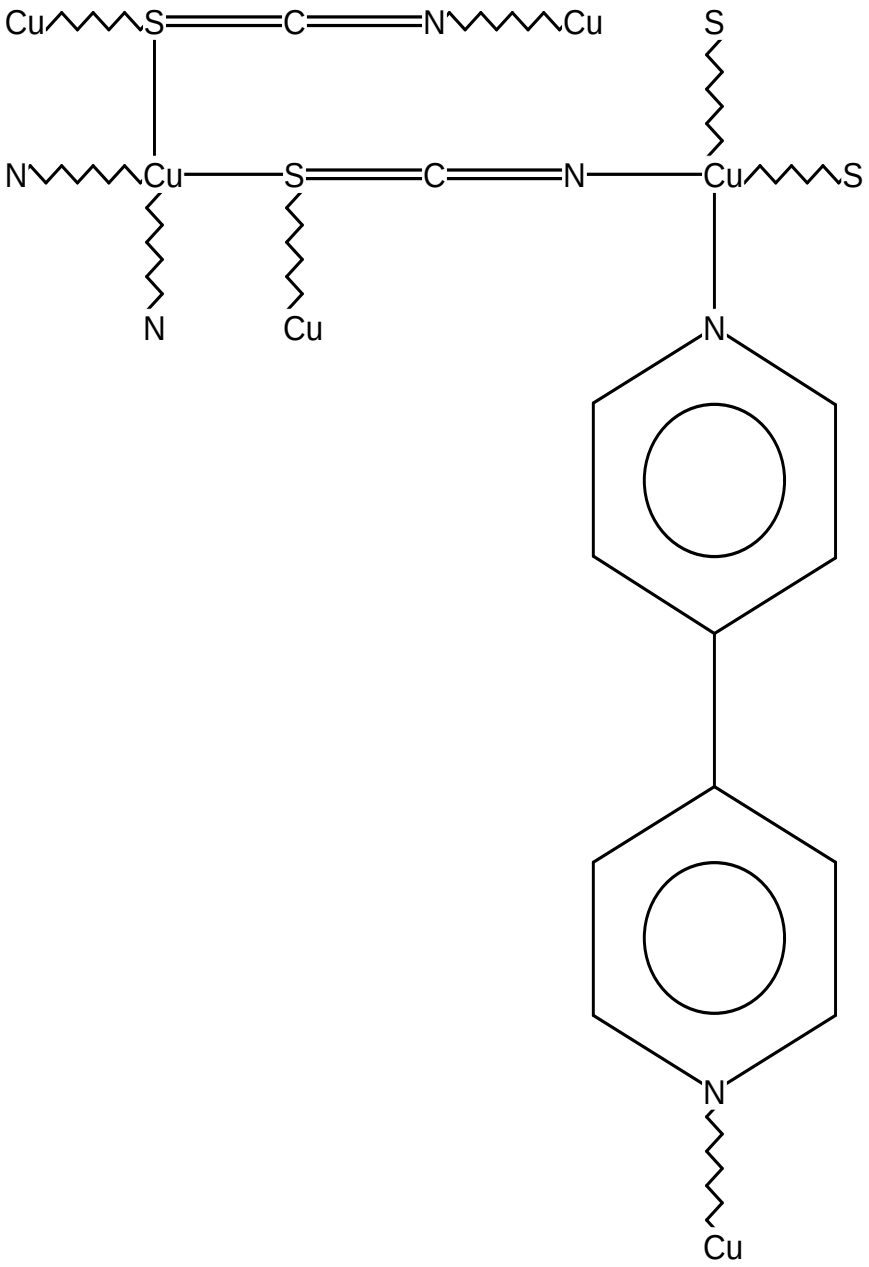
Reference: A.J.Blake, N.R.Brooks, N.R.Champness, M.Crew, L.R.Hanton, P.Hubberstey, S.Parsons, M.Schroder (1999) *J.Chem.Soc.,Dalton Trans.* ,2813

Formula: $(C_{12}\ H_8\ Cu_2\ N_4\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_3-thiocyanato)-di-copper(i))

Space Group:	Pnnm	***Cell:***	***a***	8.257(3)	***b***	21.694(8)	***c***	3.754(1)
Space Group No.:	58	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.91 ***Temperature(K):*** 220 ***Density(g/cm^3):*** 1.973



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 290

CETFUD

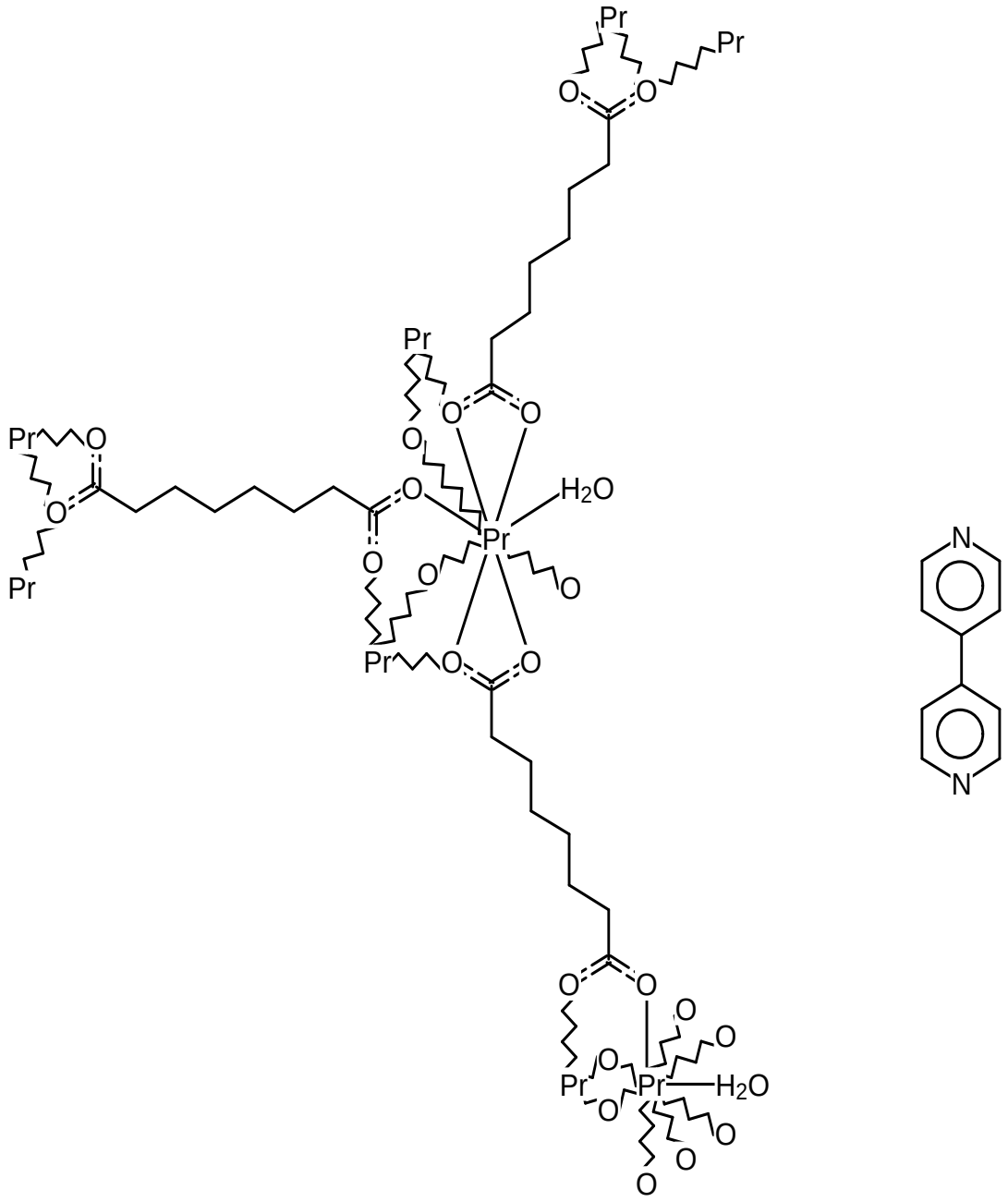
Reference: C.L.Cahill, D.T.de Lill, M.Frisch (2007) *CrystEngComm* ,**9,** 15

Formula: $(C_{24}\ H_{40}\ O_{14}\ Pr_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_4-Suberato)-diaqua-di-praseodymium 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	7.745(1)	***b***	10.194(1)	***c***	12.146(1)
Space Group No.:	2	***(Å,°)***	α	80.75(0)	β	80.29(0)	γ	82.82(0)

R-Factor (%): 4.98 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.772



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 291

CETGOY

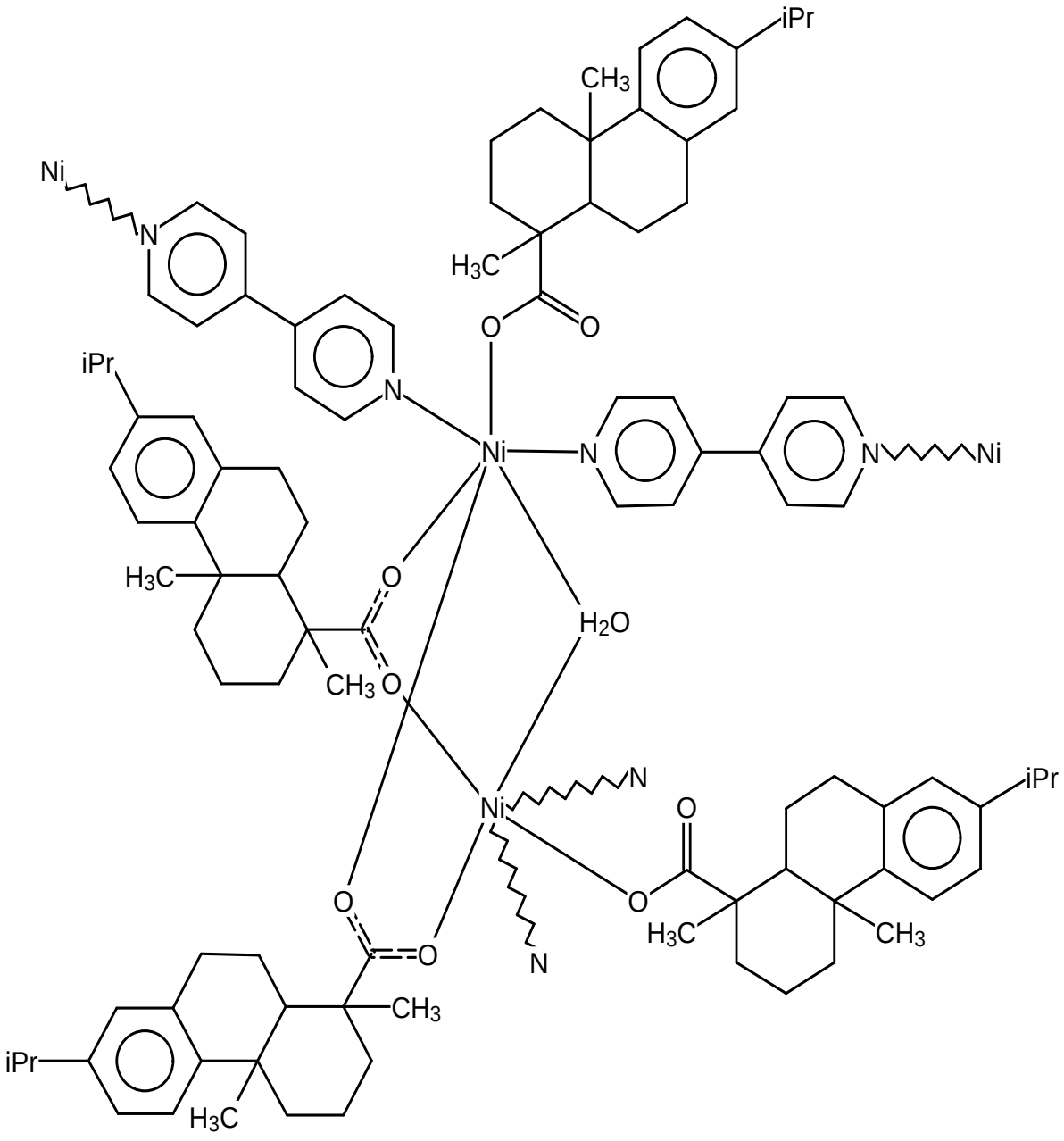
Reference: Zhen-Feng Chen, Shu-Feng Zhang, Hai-Sheng Luo, B.F.Abrahams, Hong Liang (2007) *CrystEngComm* ,**9,**27

Formula: $(C_{100}\ H_{126}\ N_4\ Ni_2\ O_9)n$

Compound Name: catena-(bis(μ_2-Dehydroabietato-O,O')-(μ_2-aqua)-bis(μ_2-4,4'-bipyridyl)-bis(dehydroabietato-O)-di-nickel(ii))

Space Group:	P3121	***Cell:***	***a***	25.531(5)	***b***	25.531(5)	***c*** 14.907(5)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 7.69 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 0.974



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 292

CEYQIG

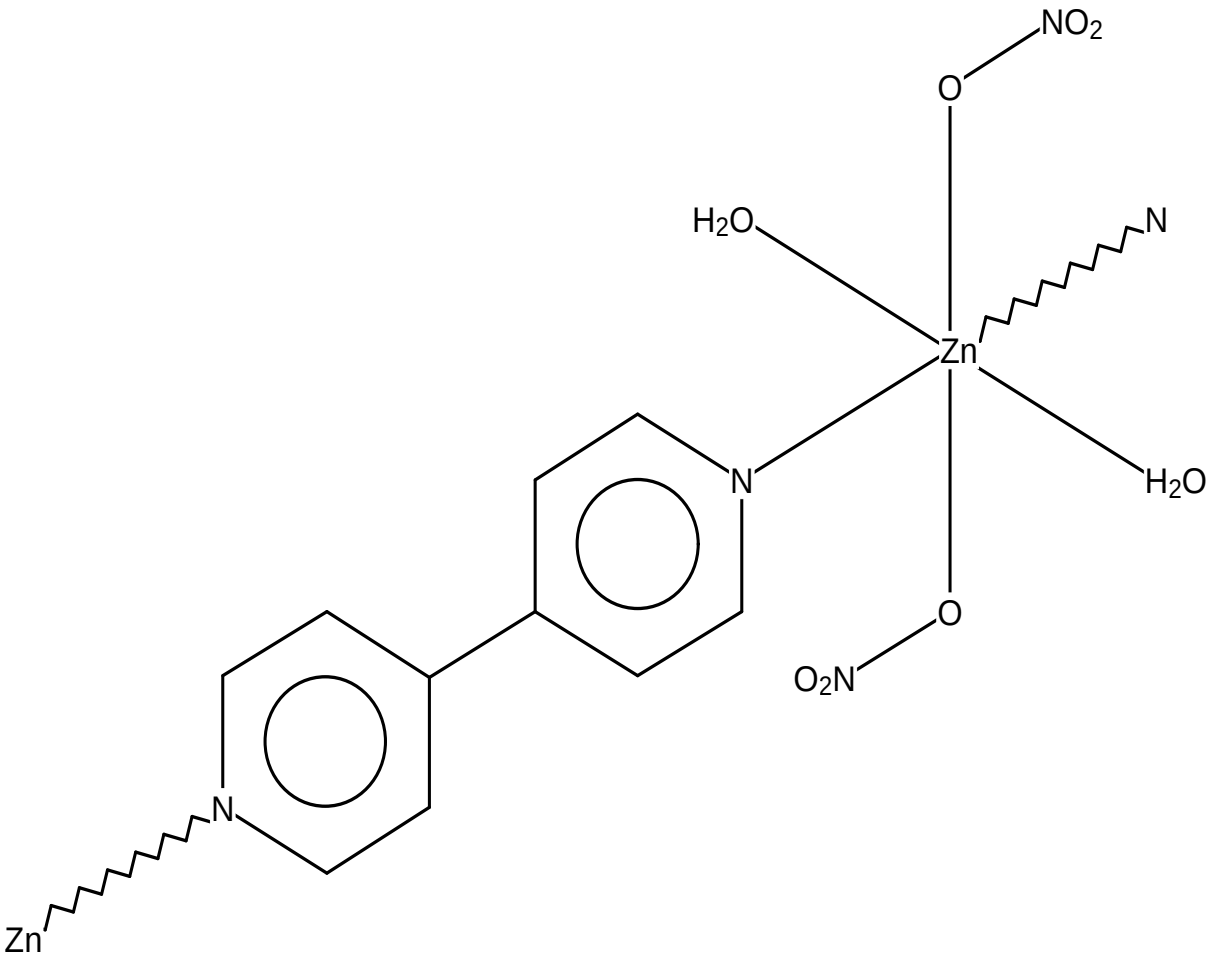
Reference: R.-G.Xiong, B.J.Lewandowski, S.D.Huang (1999)
*Z.Kristallogr.-New Cryst.Struct. ,***214,**461

Formula: $(C_{10}\ H_{12}\ N_4\ O_8\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-dinitrato-zinc)

Space Group:	Pccn	***Cell:***	***a***	11.905(0)	***b***	19.348(1)	***c*** 7.458(0)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.475



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 293

CEYYEL

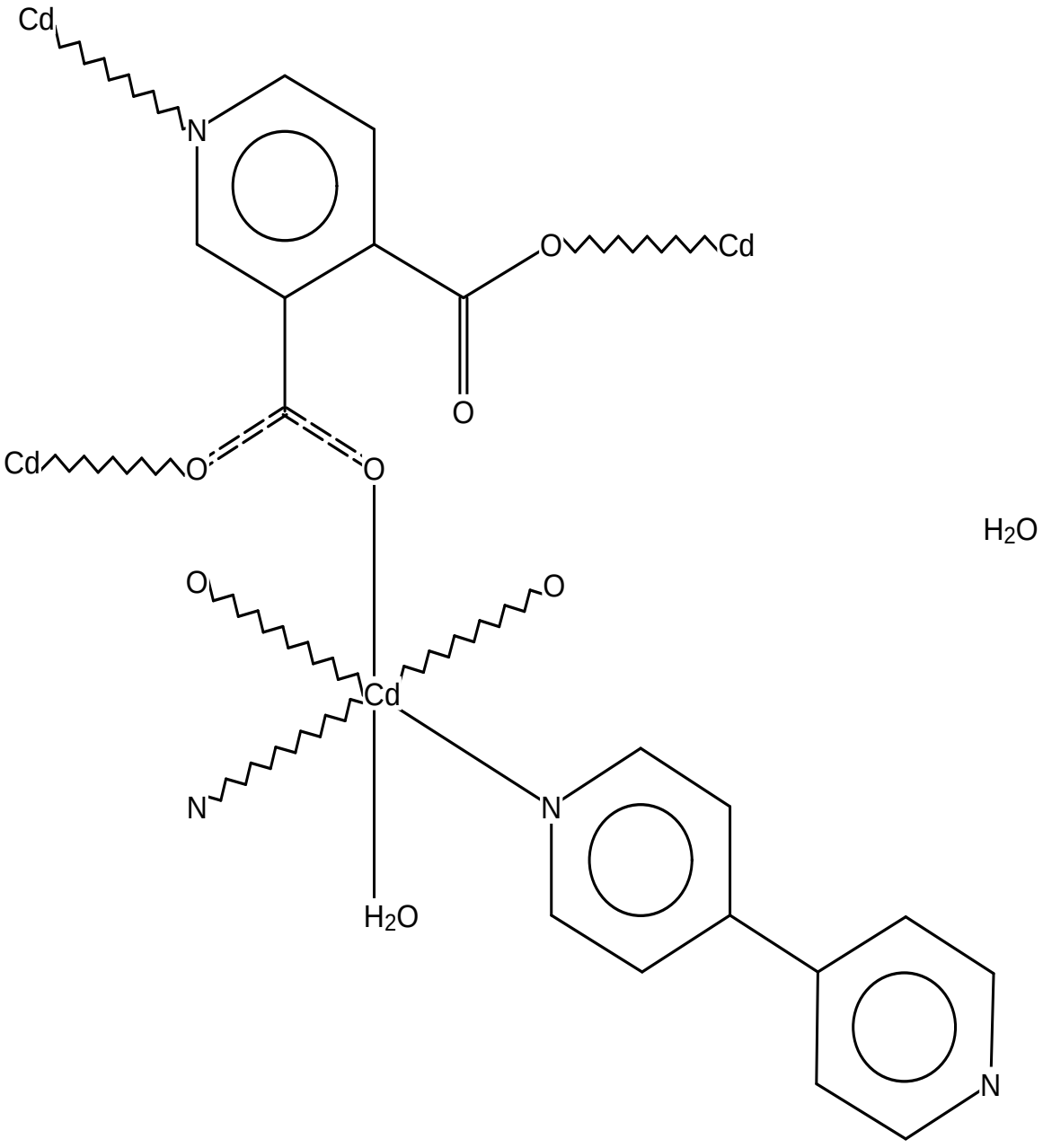
Reference: Hong-Sheng Wang, Wei Shi, Bin Zhai, Jian-Gong Ma, Jun Xia, Peng Cheng (2007) *J.Mol.Struct.* ,**833,**102

Formula: $(C_{17}\ H_{13}\ Cd_1\ N_3\ O_5)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_4-Pyridine-3,4-dicarboxylato)-aqua-(4,4'-bipyridyl)-cadmium(ii) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	27.345(4)	***b*** 11.253(1)	***c***	12.107(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.20(0)	γ	90.00

R-Factor (%): 2.69 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.794



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 294

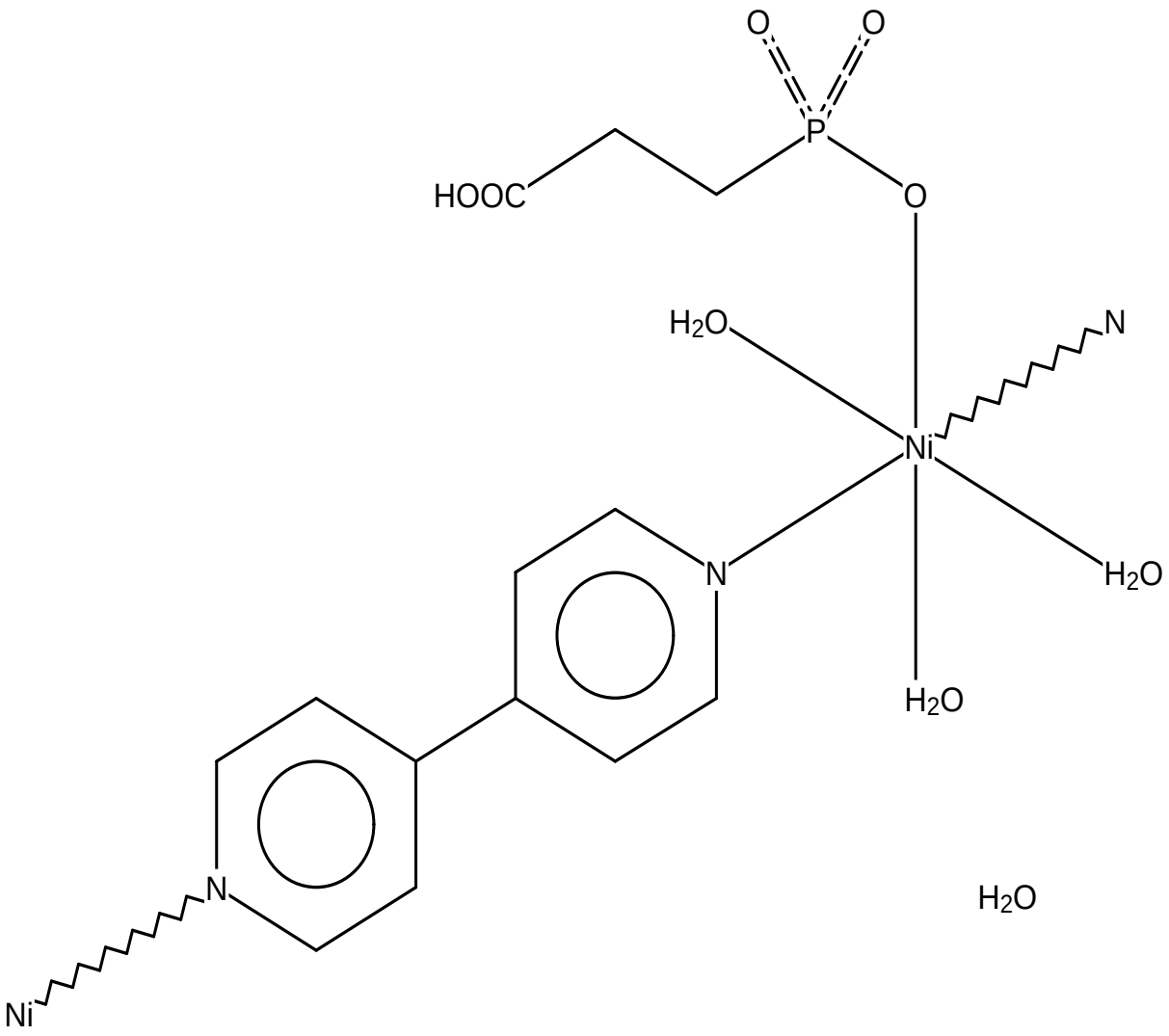
CIBXOB

Reference: Zhenxia Chen, Linhong Weng, Dongyuan Zhao (2007) *Inorg.Chem.Commun. ,***10,**447

Formula: $(C_{13}\ H_{19}\ N_2\ Ni_1\ O_8\ P_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-((2-carboxyethyl)phosphonato-O)-triaqua-nickel(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	7.709(4)	***b***	10.592(5)	***c***	22.035(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.43(0)	γ	90.00
R-Factor (%):	7.41	***Temperature(K):***	293		***Density(g/cm^3):***	1.631		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 295

CIBXUH

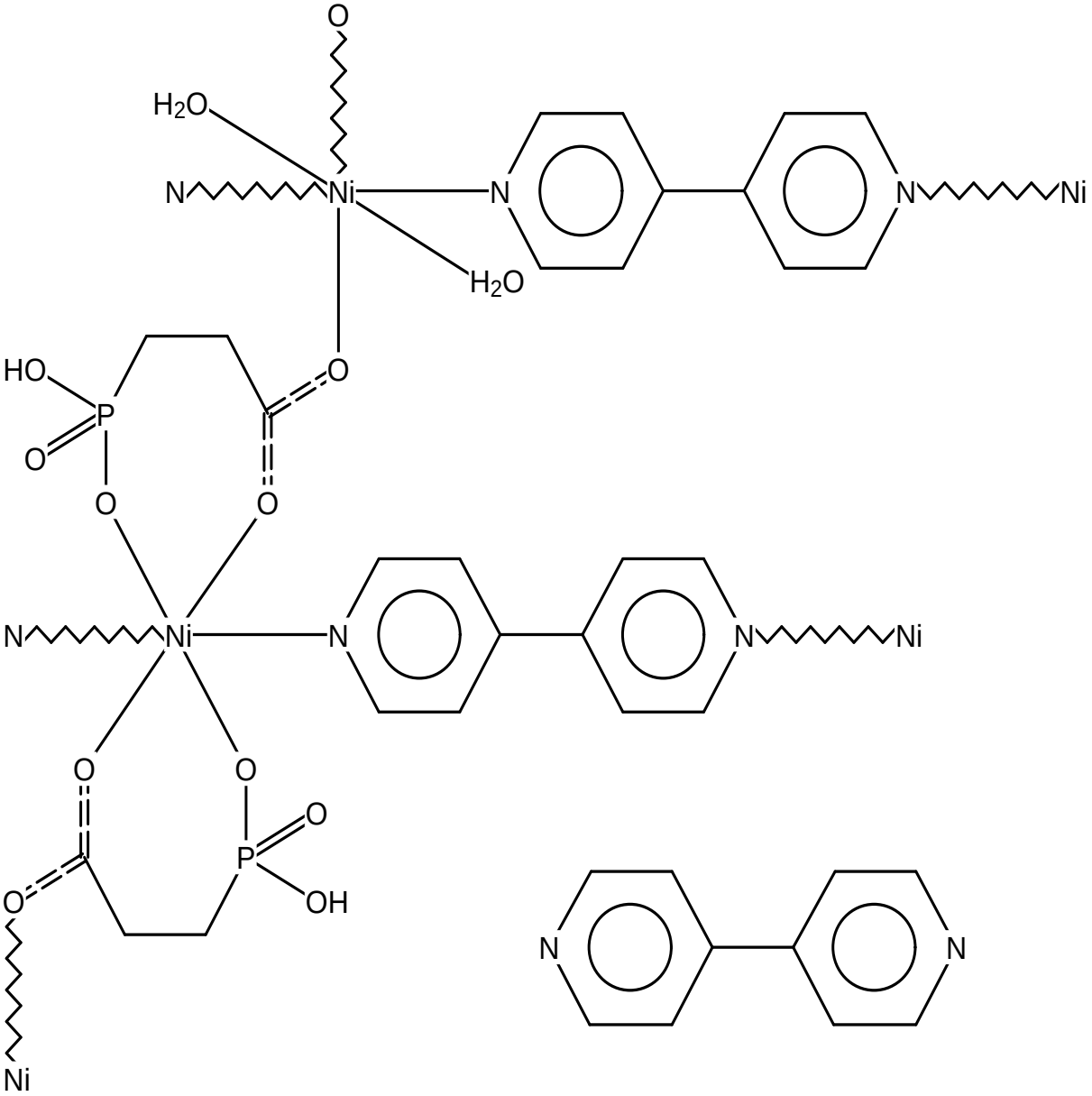
Reference: Zhenxia Chen, Linhong Weng, Dongyuan Zhao (2007)
*Inorg.Chem.Commun. ,***10,**447

Formula: $(C_{26}\ H_{30}\ N_4\ Ni_2\ O_{12}\ P_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-3-(phosphonato)propionato-O,O',O'')-diaqua-di-nickel(ii) 4,4'-bipyridine)

Space Group:	P2/n	***Cell:***	***a***	10.258(3)	***b***	11.340(3)	***c***	16.680(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.22(0)	γ	90.00

R-Factor (%): 5.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.586



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 296

CICJEE

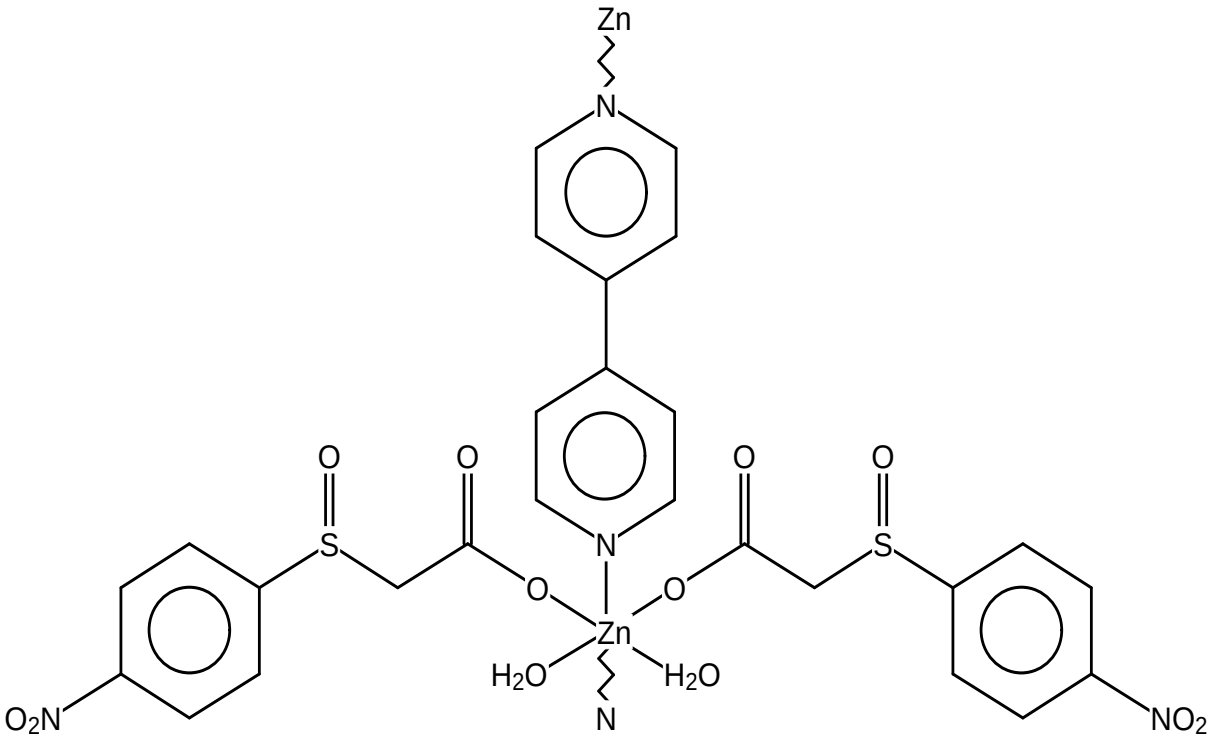
Reference: Yan-Jun Hou, Ying-Hui Yu, Zhi-Zhong Sun, Bai-Yan Li, Guang-Feng Hou (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **63,**m1530

Formula: $(C_{26}\ H_{24}\ N_4\ O_{12}\ S_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-bipyridine-κ^2N:N')-diaqua-bis((4-nitrophenylsulfinyl) acetato-κO)-zinc(ii))

Space Group:	Fdd2	***Cell:***	***a***	20.079(4)	***b***	25.646(5)	***c***	11.485(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 297

CICZAQ

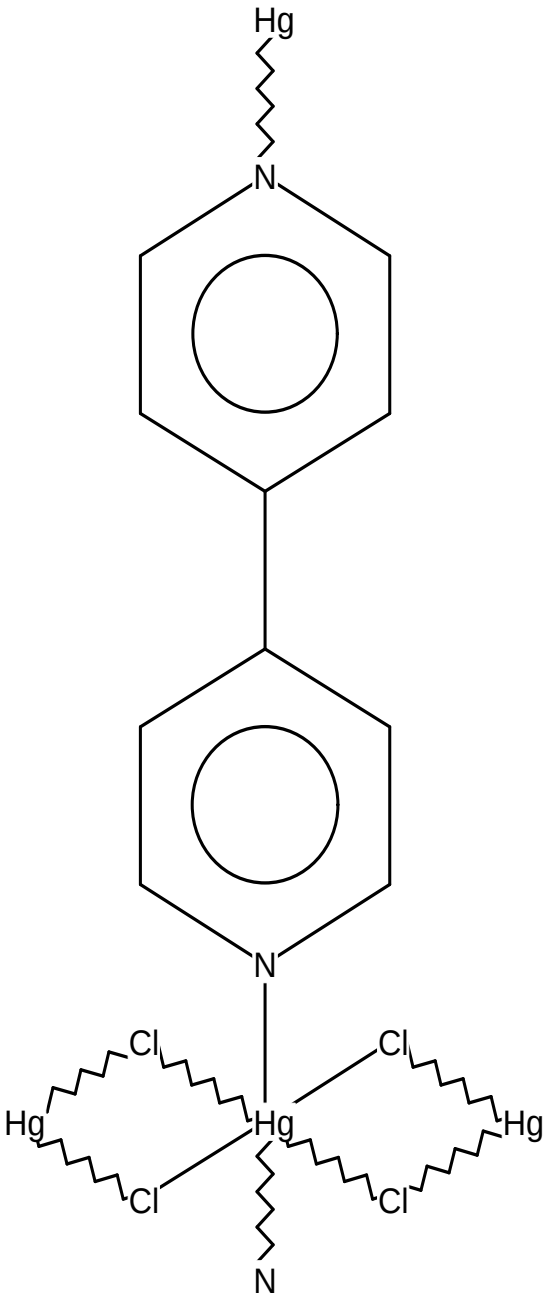
Reference: Yi-Ming Xie, Ji-Huai Wu (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**63,**m220

Formula: $(C_{10}\ H_8\ Cl_2\ Hg_1\ N_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(μ_2-chloro)-mercury(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.629(1)	***b***	12.179(2)	***c***	3.854(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.602



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 298

CIDHED

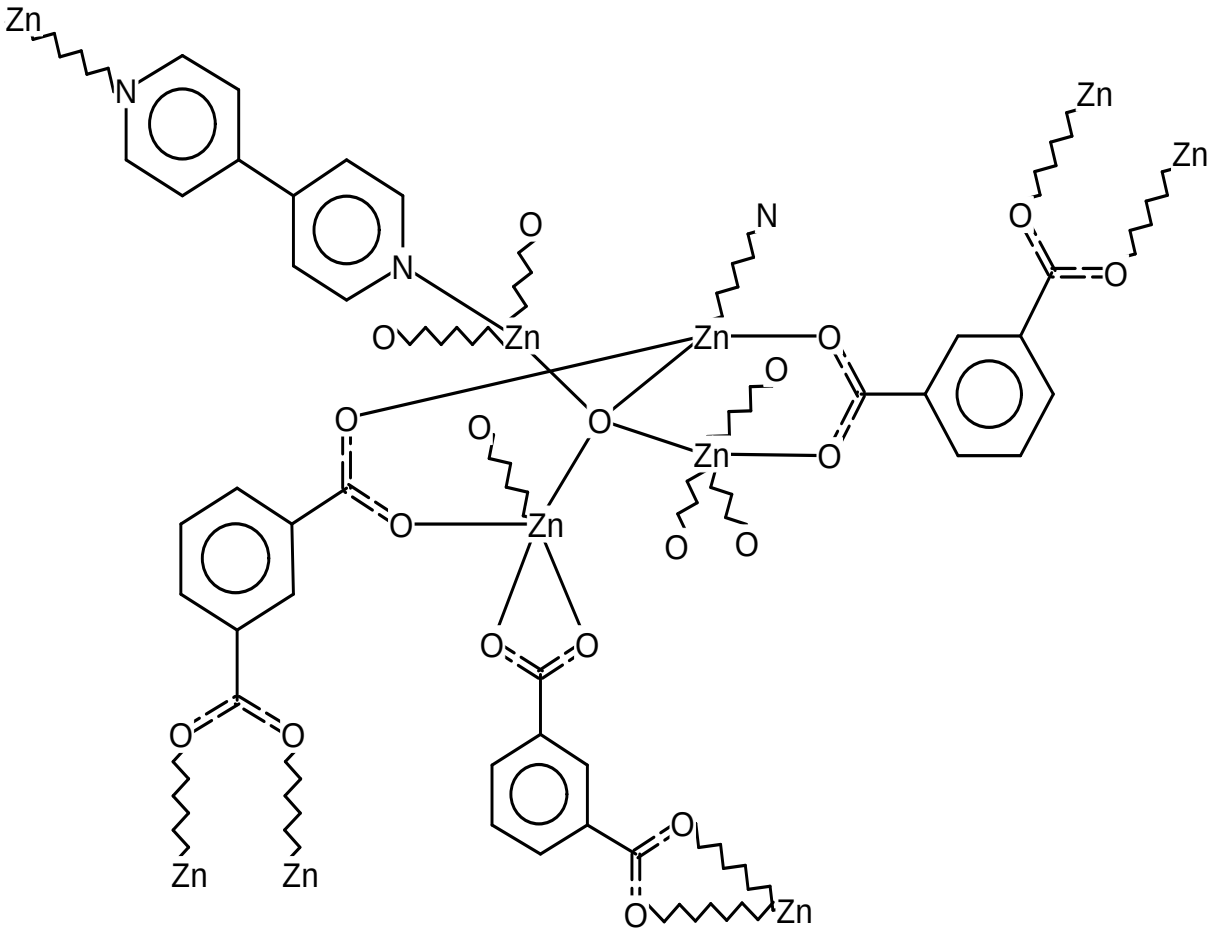
Reference: Pang-Kuan Chen, Yun-Xia Che, S.R.Batten, Ji-Min Zheng (2007) *Inorg.Chem.Commun. ,***10,**415

Formula: $(C_{34}\ H_{20}\ N_2\ O_{13}\ Zn_4)n$

Compound Name: catena-((μ_4-Oxo)-bis(μ_4-1,3-benzenedicarboxylato-O,O',O'',O''')-(μ_2-1,3-benzenedicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-tetra-zinc(ii))

Space Group:	P42/mnm	***Cell:***	***a***	17.213(3)	***b***	17.213(3)	***c***	10.350(2)
Space Group No.:	136	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.05 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.006



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 299

CIHRAN

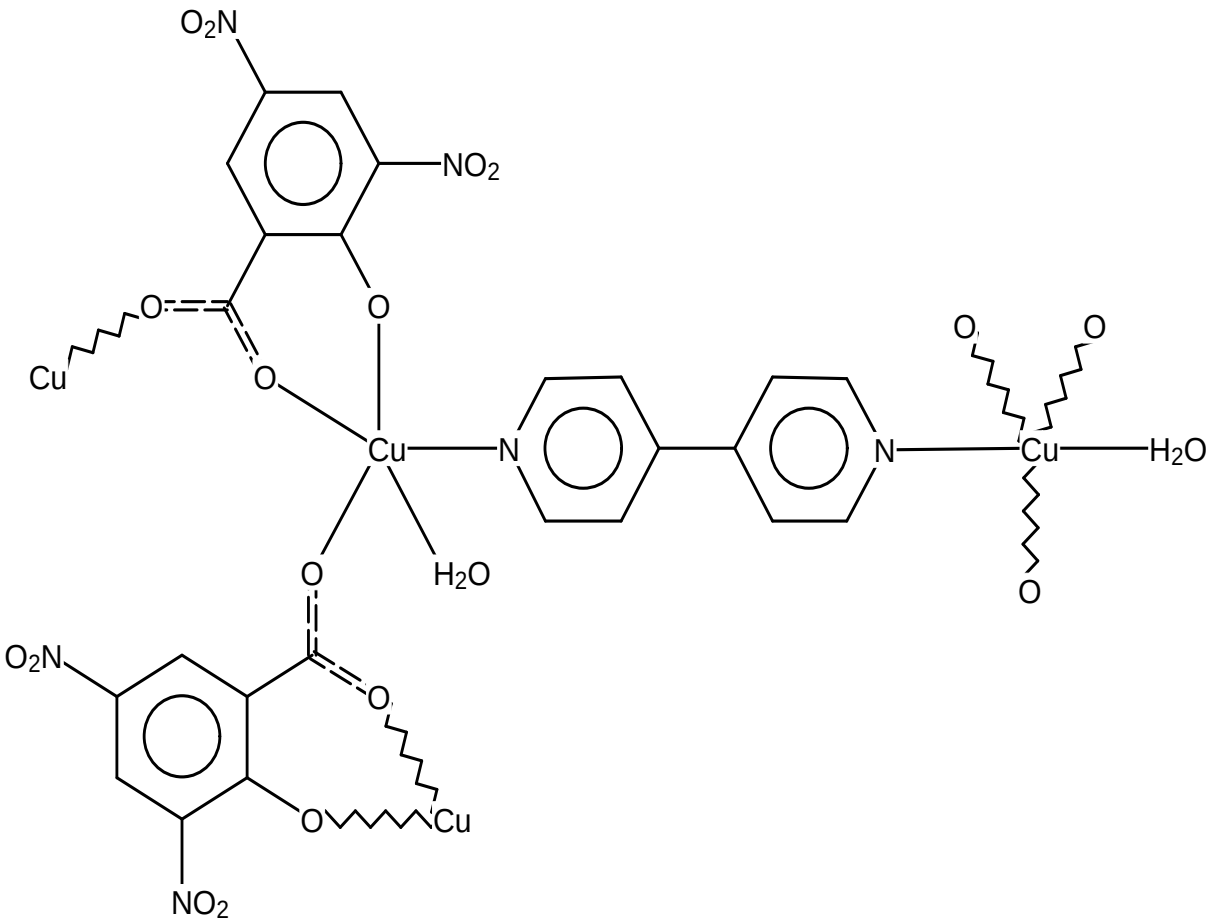
Reference: De-Cai Wen, Shi-Xiong Liu, J.Ribas (2007)
*Inorg.Chem.Commun. ,***10,**661

Formula: $(C_{24}\ H_{16}\ Cu_2\ N_6\ O_{16})n$

Compound Name: catena-[bis(μ_2-3,5-Dinitrosalicylato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-diaqua-di-copper(ii)]

Space Group:	P21/n	***Cell:***	***a***	11.387(0)	***b***	8.057(0)	***c***	14.274(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.71(0)	γ	90.00

R-Factor (%): 4.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.963



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 300

CILQAP

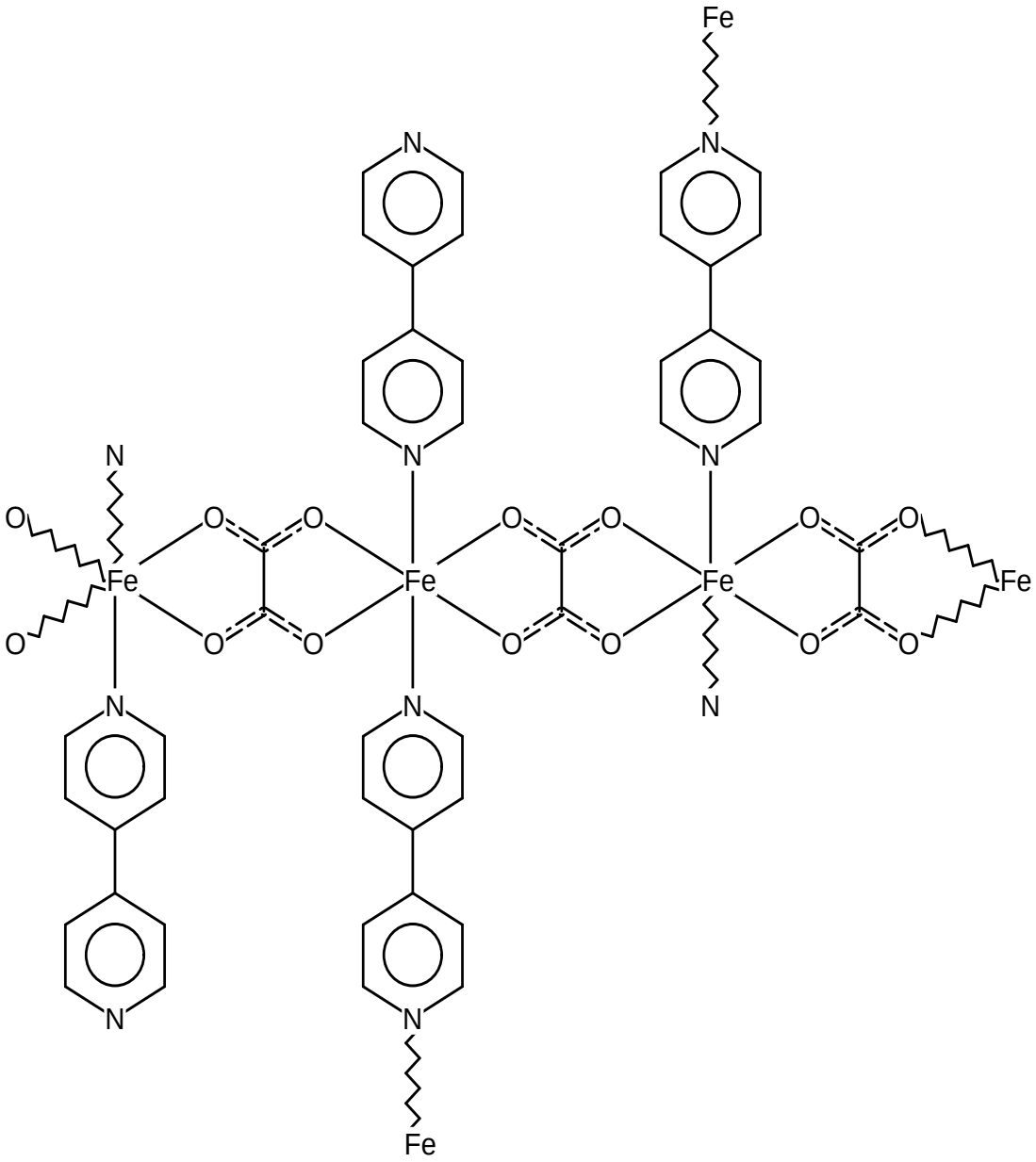
Reference: Li-Min Zheng, Xia Fang, Kwang-Hwa Lii, Hui-Hua Song, Xin-Quan Xin, Hoong-Kun Fun, K.Chinnakali, I.A.Razak (1999) *J.Chem.Soc.,Dalton Trans.* ,2311

Formula: $(C_{46}\ H_{32}\ Fe_3\ N_8\ O_{12})n$

Compound Name: catena-(tris(μ_2-Oxalato)-bis(μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-tri-iron(ii))

Space Group:	P21/c	***Cell:***	***a***	16.248(0)	***b***	15.984(0)	***c***	16.386(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.28(0)	γ	90.00

R-Factor (%): 4.93 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.653



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 301

CILQET

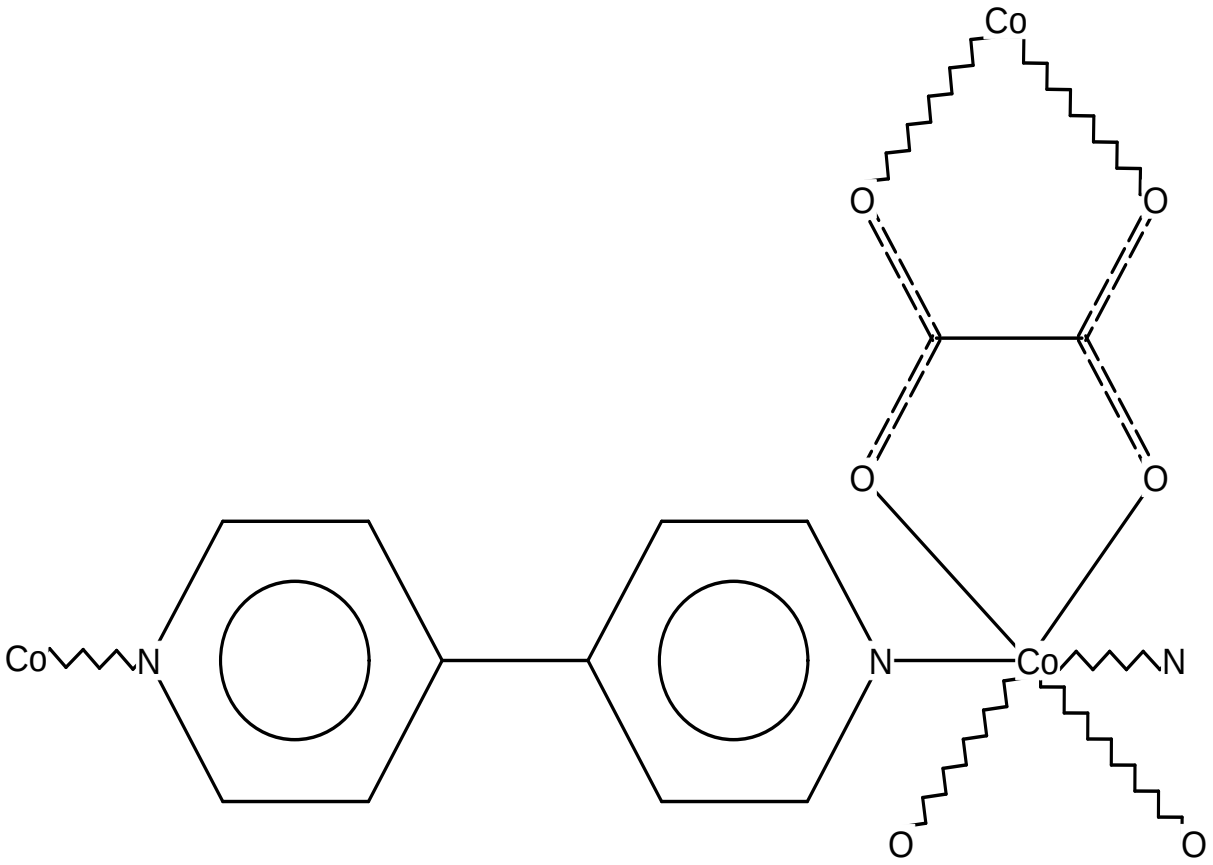
Reference: Li-Min Zheng, Xia Fang, Kwang-Hwa Lii, Hui-Hua Song, Xin-Quan Xin, Hoong-Kun Fun, K.Chinnakali, I.A.Razak (1999) *J.Chem.Soc.,Dalton Trans.* ,2311

Formula: $(C_{12}\ H_8\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-oxalato)-cobalt(ii))

Space Group:	Imm2	***Cell:***	***a***	10.977(0)	***b***	11.402(0)	***c***	5.403(0)
Space Group No.:	44	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.57 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.489



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 302

CILQET01

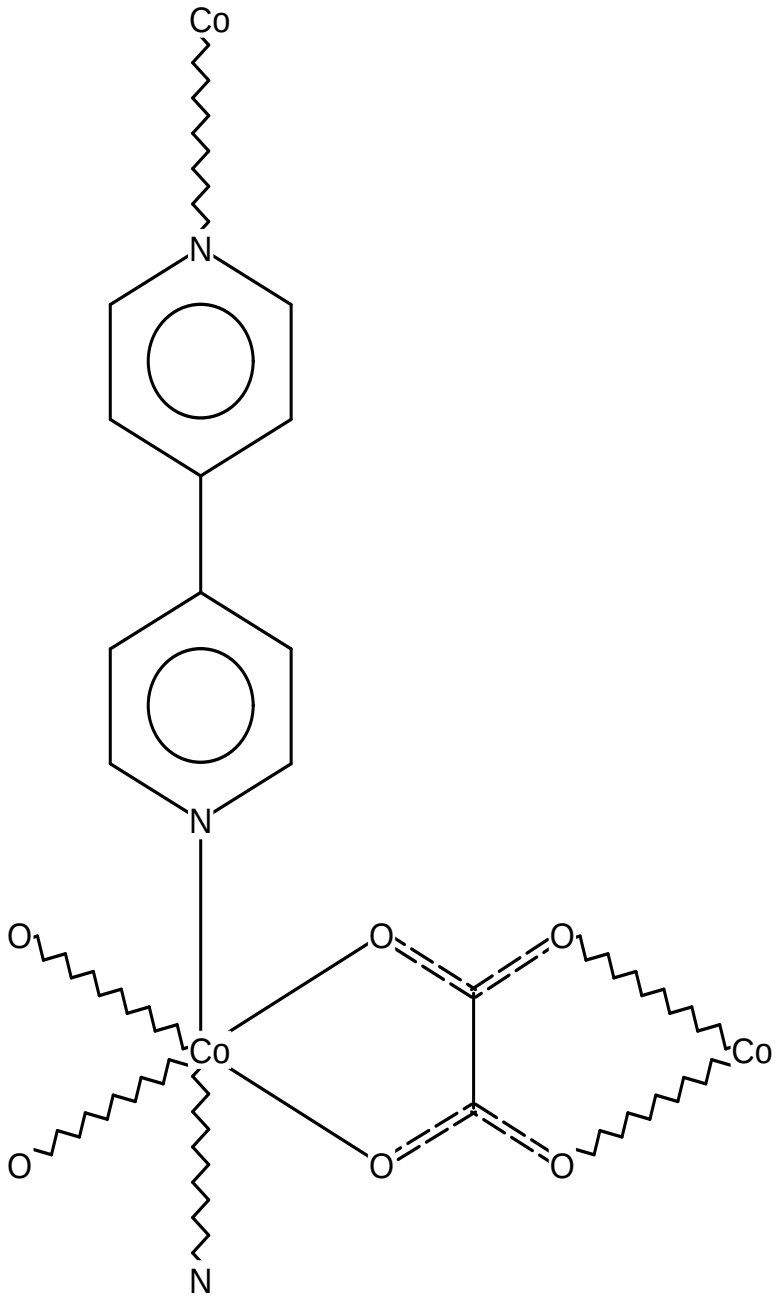
Reference: J.Y.Lu, M.A.Lawandy, Jing Li, Tan Yuen, C.L.Lin (1999) *Inorg.Chem. ,***38,**2695

Formula: $(C_{12}\ H_8\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-oxalato)-cobalt(ii))

Space Group:	Immm	***Cell:***	***a***	5.385(1)	***b***	10.945(2)	***c***	11.374(2)
Space Group No.:	71	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.55 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.502



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 303

CIQXAB

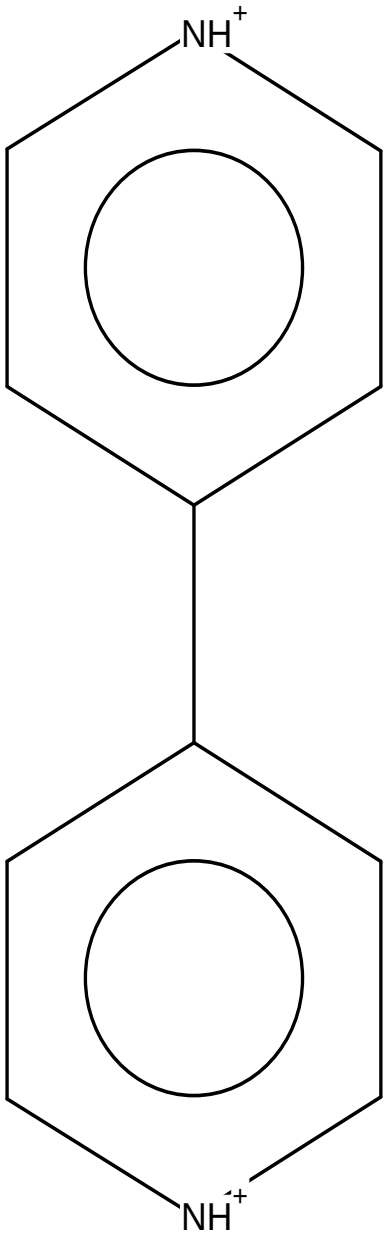
Reference: A.L.Gillon, A.G.Orpen, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (1999) *Chem.Commun.* ,2287

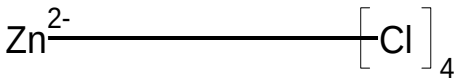
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Zn_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-zinc

Space Group:	P21/c	***Cell:***	***a***	7.651(1)	***b*** 19.765(4)	***c***	9.501(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.83(1)	γ	90.00

R-Factor (%): 2.63 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.785





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 304

CIQXAB01

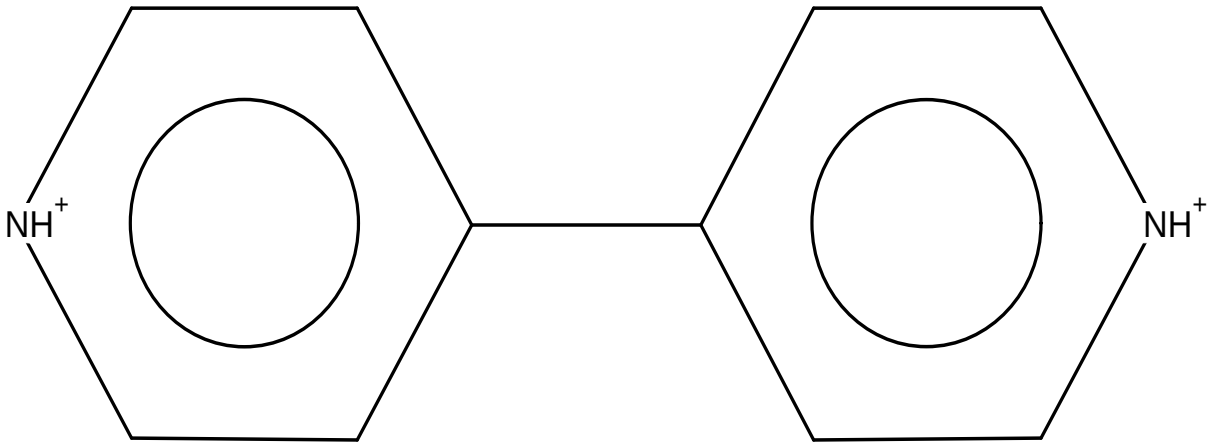
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

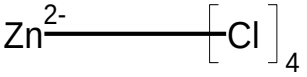
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Zn_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-zinc

Space Group:	P21/c	***Cell:***	***a***	7.651(1)	***b*** 19.765(4)	***c***	9.501(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.83(1)	γ	90.00

R-Factor (%): 2.63 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.785





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 305

CIQXEF

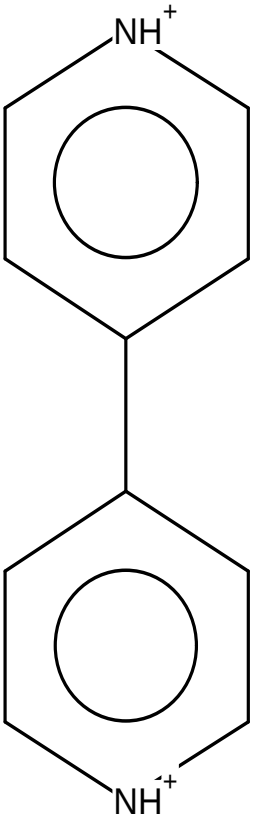
Reference: A.L.Gillon, A.G.Orpen, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (1999) *Chem.Commun.* ,2287

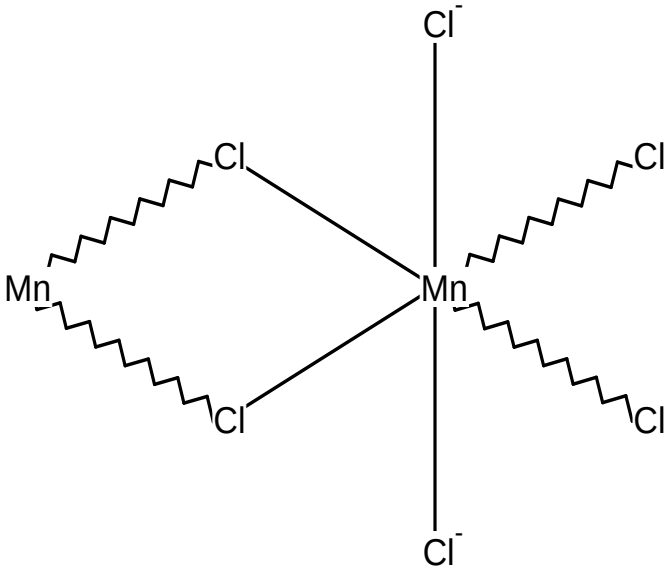
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Cl_4\ Mn_1\ ^{2-})$

Compound Name: catena-((4,4'-Bipyridinium) bis(μ_2-chloro)-dichloro-manganese)

Space Group:	C2/c	***Cell:***	***a***	15.526(2)	***b***	12.660(3)	***c*** 6.914(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	114.90(1)	γ 90.00

R-Factor (%): 1.99 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.913





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 306

CIQXEF01

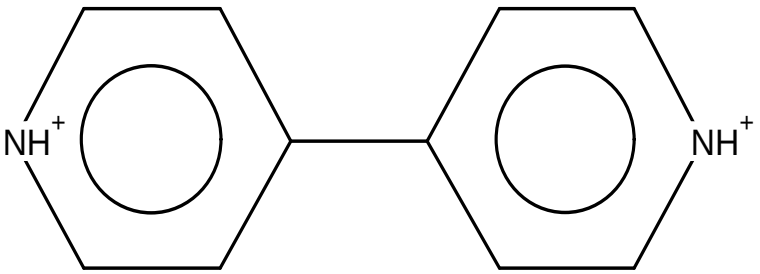
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

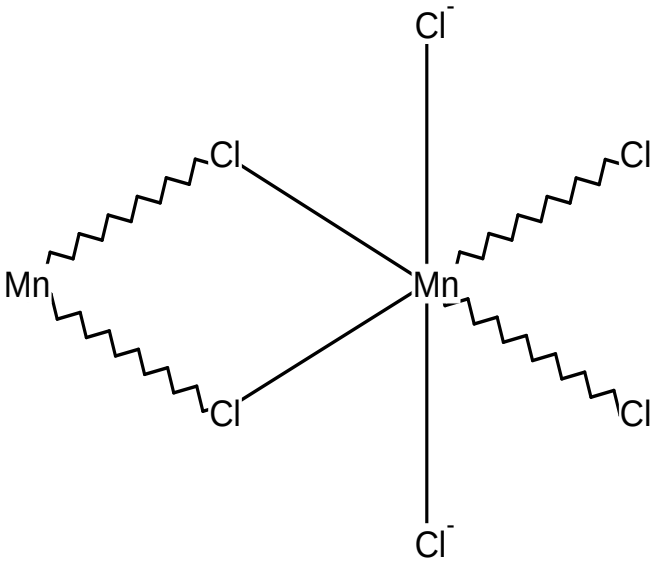
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Cl_4\ Mn_1\ ^{2-})$

Compound Name: catena-((4,4'-Bipyridinium) bis(μ_2-chloro)-dichloro-manganese)

Space Group:	C2/c	***Cell:***	***a***	15.526(2)	***b*** 12.660(3)	***c***	6.914(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.90(1)	γ	90.00

R-Factor (%): 1.99 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.913





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 307

CIQXEF02

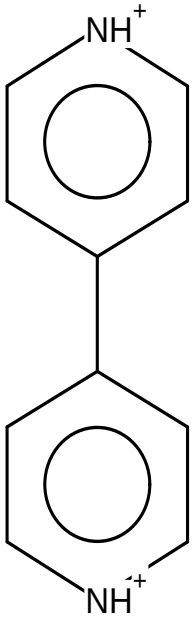
Reference: Ming-Xue Li, Su-Zhi Li (2006)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**62,**m525

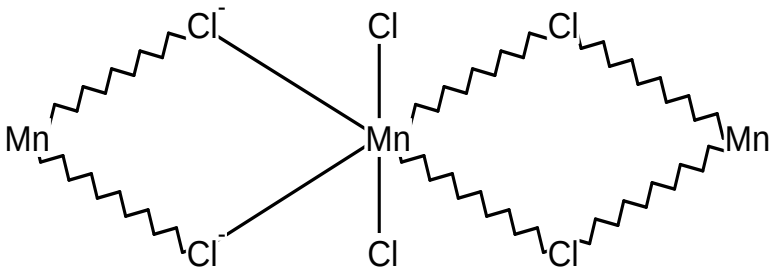
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Cl_4\ Mn_1\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_2-chloro)-dichloro-manganese(ii))

Space Group:	I2/a	***Cell:***	***a***	6.978(0)	***b*** 12.712(1)	***c***	14.157(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 91.21(0)	γ	90.00

R-Factor (%): 1.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.878





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 308

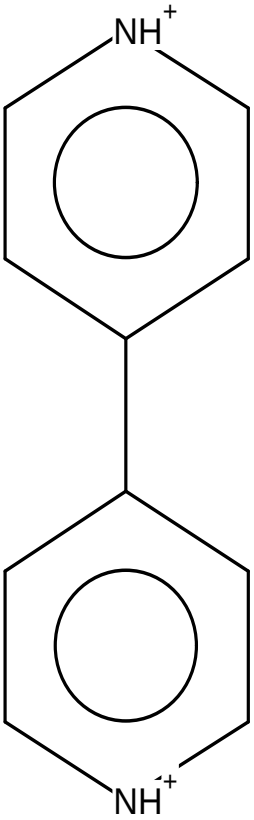
CIQXIJ

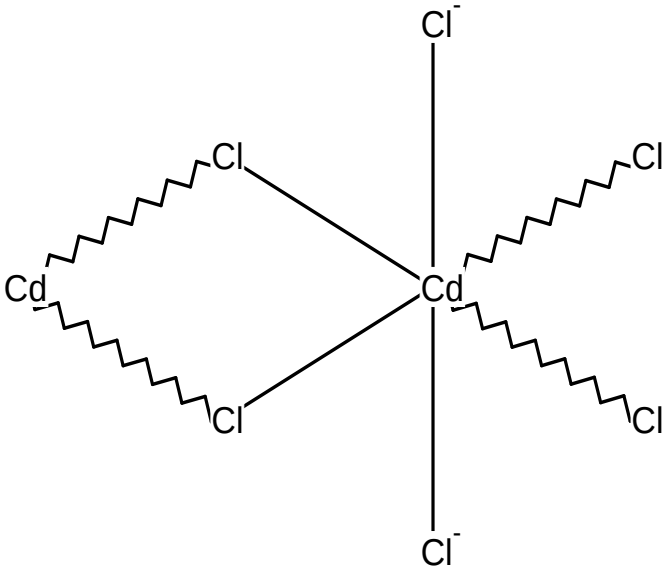
Reference: A.L.Gillon, A.G.Orpen, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (1999) *Chem.Commun.* ,2287

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Cd_1\ Cl_4\ ^{2-})$

Compound Name: catena-((4,4'-Bipyridinium) bis(μ_2-chloro)-dichloro-cadmium)

Space Group:	C2/c	***Cell:***	***a***	15.612(3)	***b***	12.746(2)	***c*** 7.026(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	114.98(0)	γ 90.00
R-Factor (%):	2.45	***Temperature(K):***	173		***Density(g/cm^3):***		2.162





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 309

CIQXIJ01

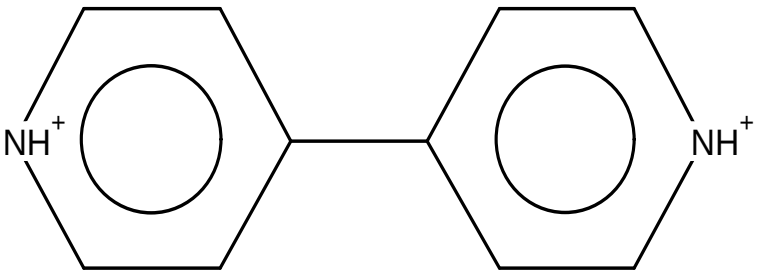
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

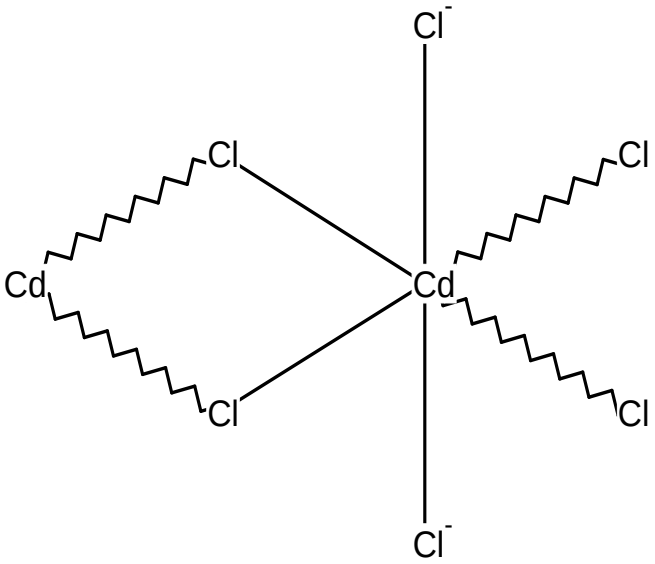
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Cd_1\ Cl_4\ ^{2-})$

Compound Name: catena-((4,4'-Bipyridinium) bis(μ_2-chloro)-dichloro-cadmium)

Space Group:	C2/c	***Cell:***	***a***	15.612(3)	***b*** 12.746(2)	***c***	7.026(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.98(0)	γ	90.00

R-Factor (%): 2.45 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.162





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 310

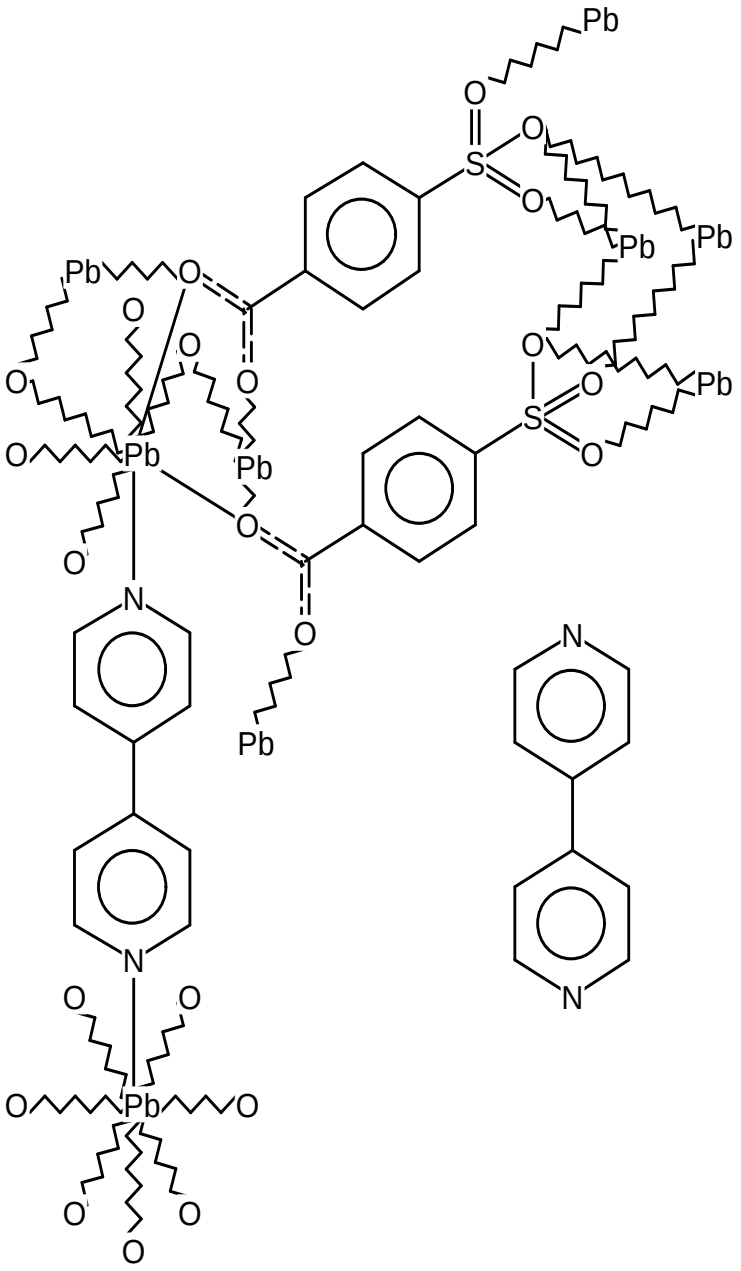
CIRTUT

Reference: Li-Ping Zhang, Long-Guan Zhu (2008) *J.Mol.Struct.* ,**873,** 61

Formula: $(C_{24}\ H_{16}\ N_2\ O_{10}\ Pb_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_6-4-Sulfobenzoato-O,O,O',O'',O''',O'''')-(μ_2-4,4'-bipyridine-N,N')-di-lead(ii) 4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	10.171(1)	***b***	28.951(3)	***c***	5.615(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.62(0)	γ	90.00
R-Factor (%):	3.94	***Temperature(K):***	295		***Density(g/cm^3):***		2.284	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 311

CISFEQ

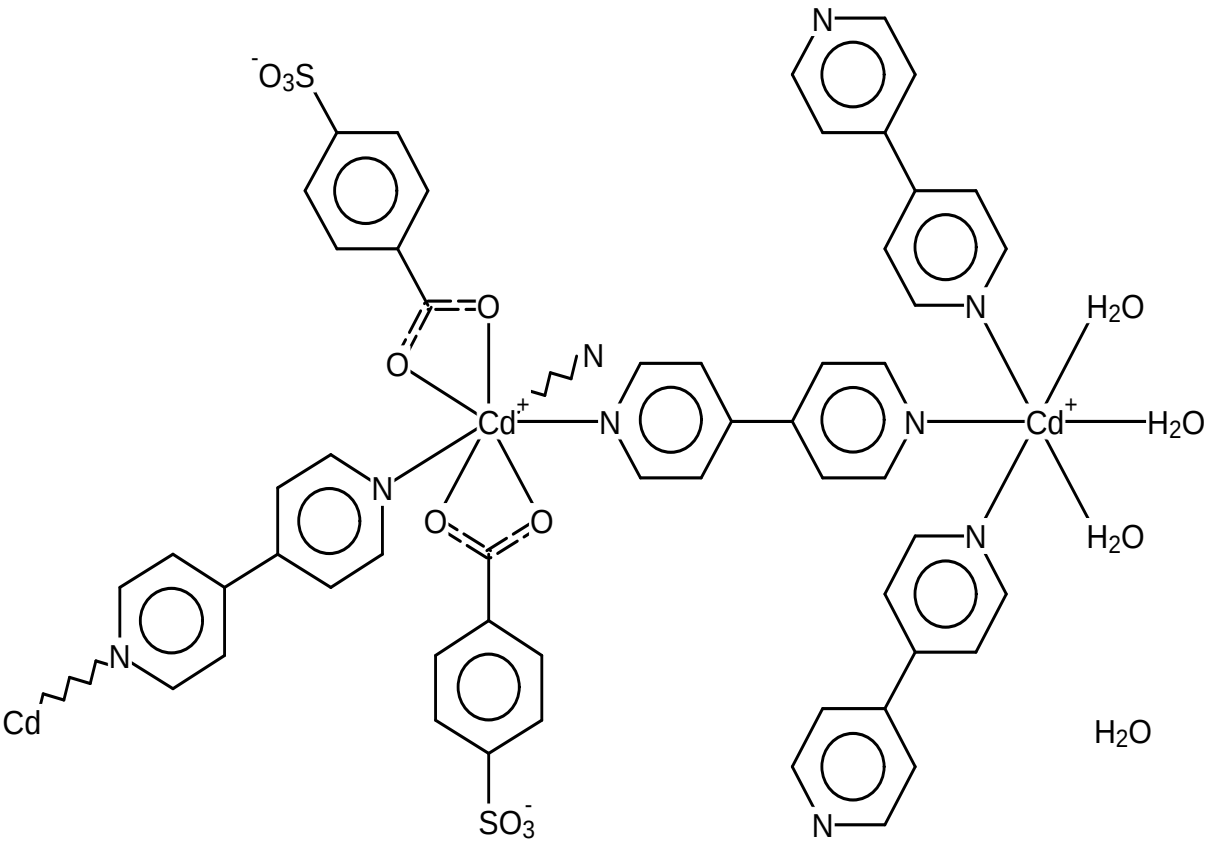
Reference: Li-Ping Zhang, Long-Guan Zhi (2008) *Z.Anorg.Allg.Chem.* , **634,**39

Formula: $(C_{54}\ H_{46}\ Cd_2\ N_8\ O_{13}\ S_2)n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-triaqua-bis(4,4'-bipyridine-N)-bis(4-sulfobenzoato-O,O')-di-cadmium(ii) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	12.456(0)	***b*** 19.081(0)	***c***	23.423(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.05(0)	γ	90.00

R-Factor (%): 5.63 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.673



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 312

CITKUM

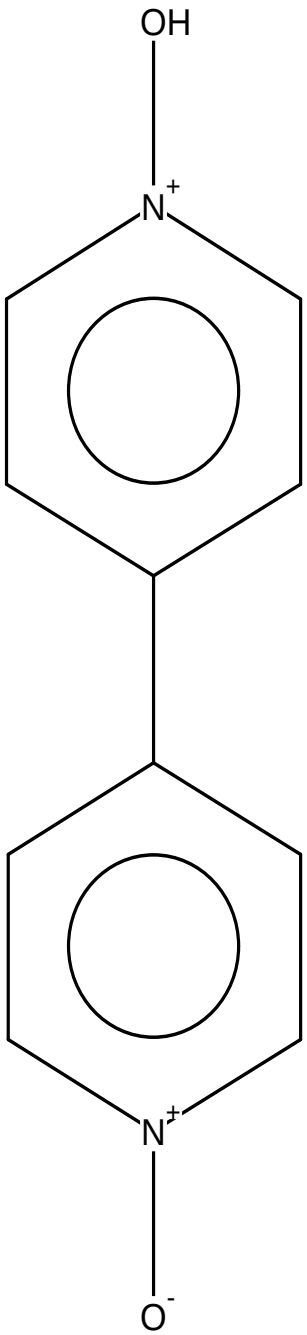
Reference: S.A.Bourne, L.J.Moitsheki (2008) *Polyhedron* ,**27,**263

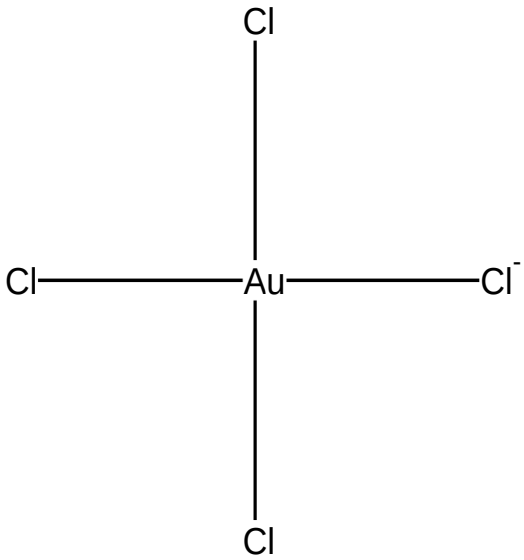
Formula: $C_{10}\ H_9\ N_2\ O_2\ ^{1+}$,$Au_1\ Cl_4\ ^{1-}$

Compound Name: (1-Hydroxy-4,4'-bipyridin-1-ium 1'-oxide) tetrachloro-gold(iii)

Space Group:	Cmc21	***Cell:***	***a***	17.756(4)	***b***	21.268(4)	***c***	7.556(1)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	2.16	***Temperature(K):***	113	***Density(g/cm^3):***	2.458





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 313

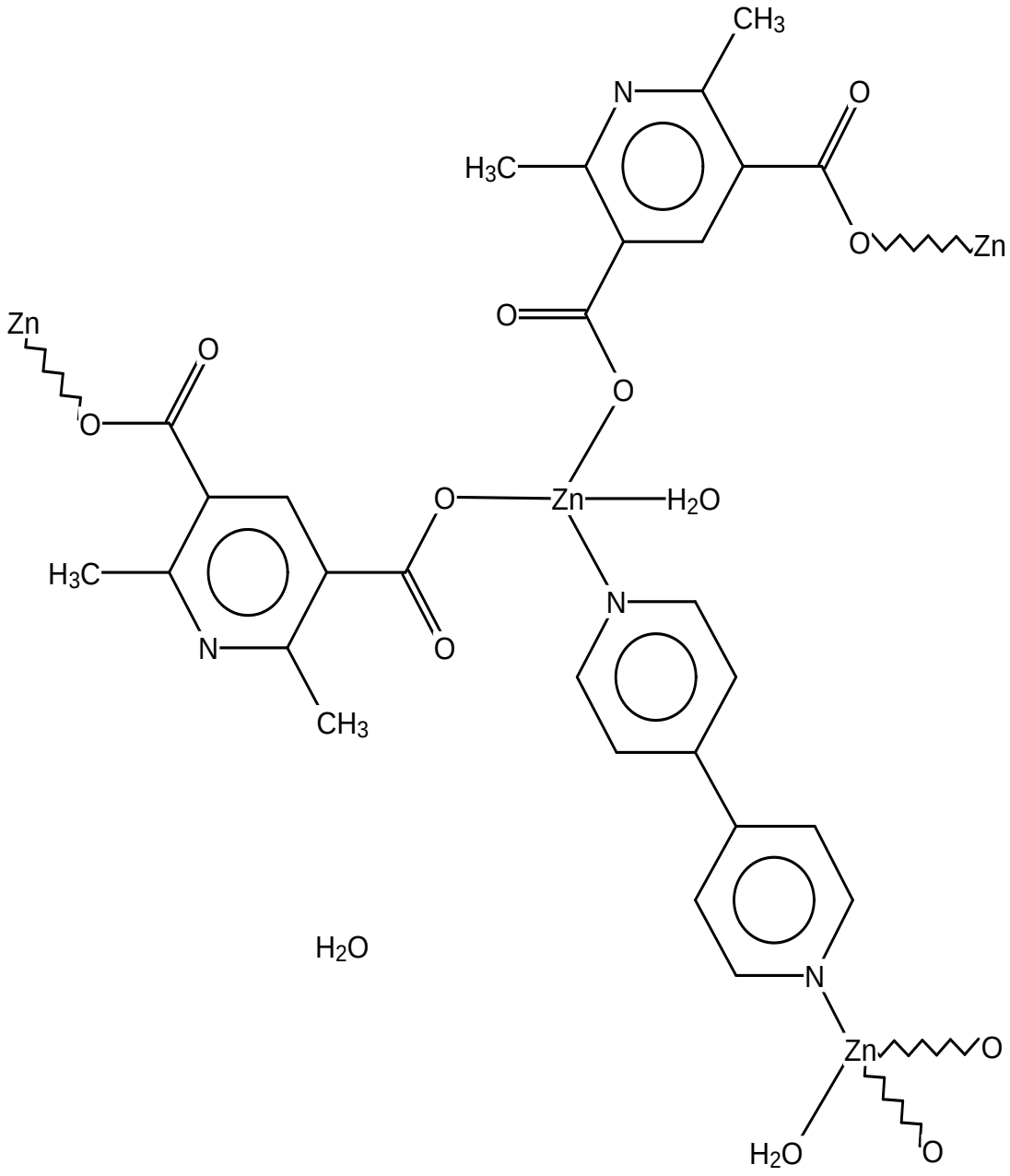
CIXNAZ

Reference: Kunlin Huang, Changwen Hu (2008) *J.Coord.Chem.* ,**61,** 472

Formula: $(C_{28}\ H_{26}\ N_4\ O_{10}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-2,6-Dimethylpyridine-3,5-dicarboxylato-O,O')-(μ_2-4,4'-bipyridine)-diaqua-di-zinc dihydrate)

Space Group:	P21/c	***Cell:***	***a***	7.811(2)	***b***	12.324(3)	***c***	15.794(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.21(0)	γ	90.00
R-Factor (%):	3.81	***Temperature(K):***	298		***Density(g/cm^3):***		1.645	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 314

CIXPAB

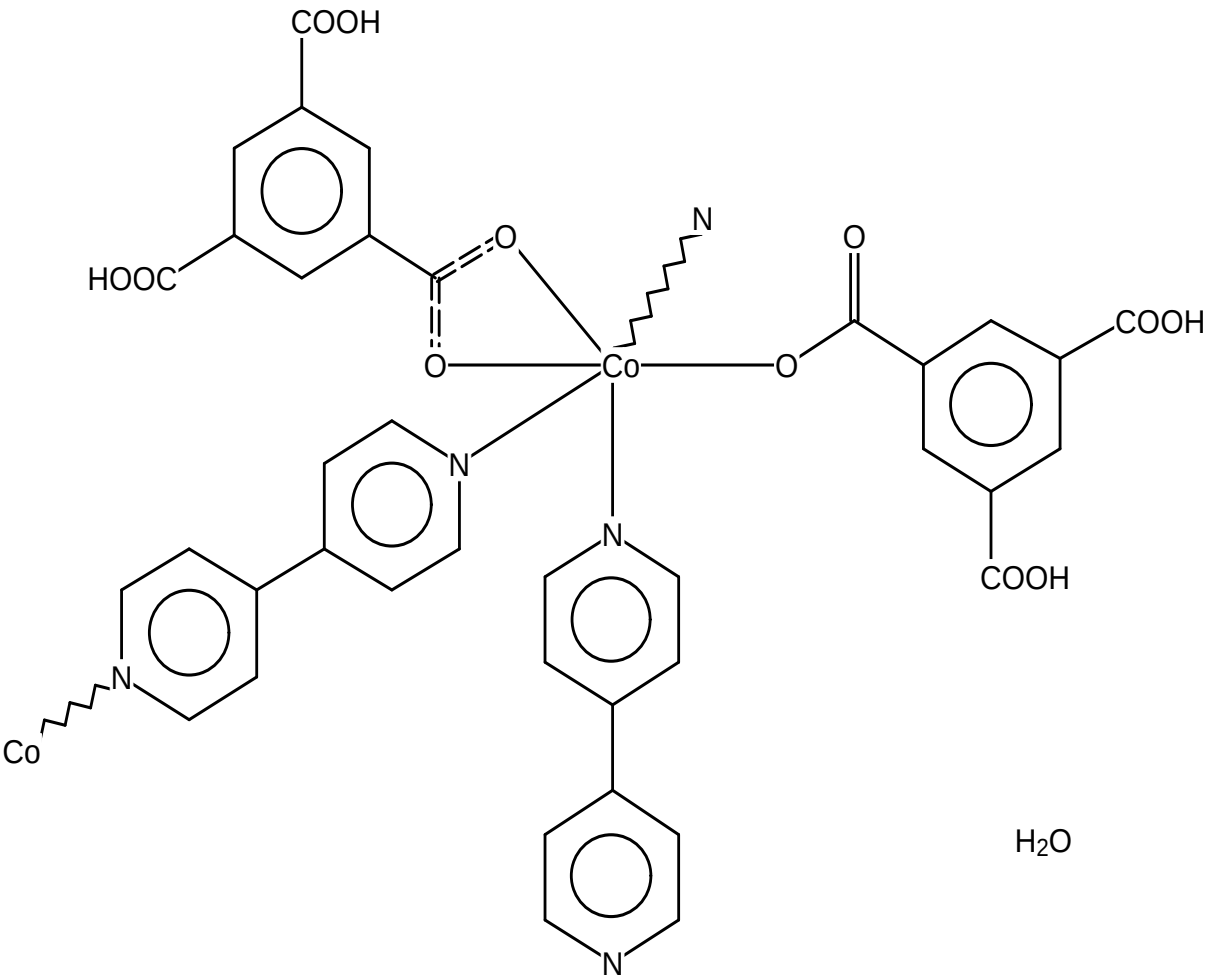
Reference: Huan-Ran Xing, Xin-Hua Li, Qian Shi (2008)
J.Coord.Chem. ,**61,**499

Formula: $(C_{38}\ H_{26}\ Co_1\ N_4\ O_{12})n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(3,5-dicarboxybenzoato-O,O')-(3,5-dicarboxybenzoato-O)-(4,4'-bipyridine)-cobalt(ii) monohydrate)

Space Group:	P21/c	***Cell:***	***a***	11.344(3)	***b*** 15.880(4)	***c***	23.436(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 117.83(1)	γ	90.00

R-Factor (%): 8.52 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.437



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 315

CIXPII

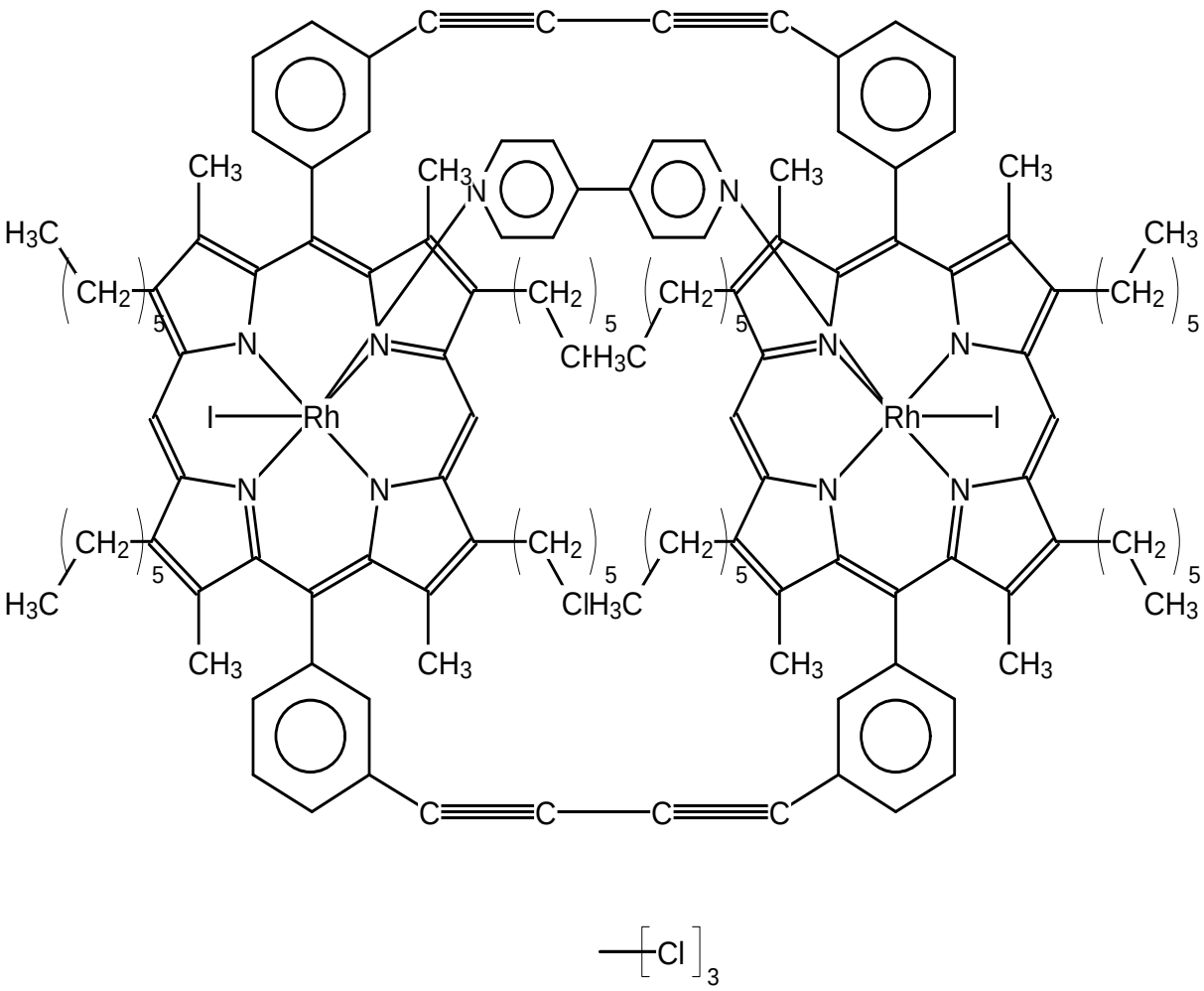
Reference: H.-J.Kim, J.E.Redman, M.Nakash, N.Feeder, S.J.Teat, J.K.M.Sanders (1999) *Inorg.Chem.* ,**38,**5178

Formula: $C_{138}\ H_{156}\ I_2\ N_{10}\ Rh_2,2(C_1\ H_1\ Cl_3)$

Compound Name: (μ_2-5,5':15,15'-bis(1,4-Diphenylbutadiyne-3,3'-diyl)-bis(2,8,12,18-tetrahexyl-3,7,13,17-tetramethylporphyrinato))-(μ_2-4,4'-bipyridine)-bis(iodo-rhodium(iii)) chloroform solvate

Space Group:	P-1	***Cell:***	***a***	15.043(2)	***b***	16.146(2)	***c***	16.596(2)
Space Group No.:	2	***(Å,°)***	α	63.73(1)	β	69.64(1)	γ	63.23(1)

R-Factor (%): 9.34 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.389



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 316

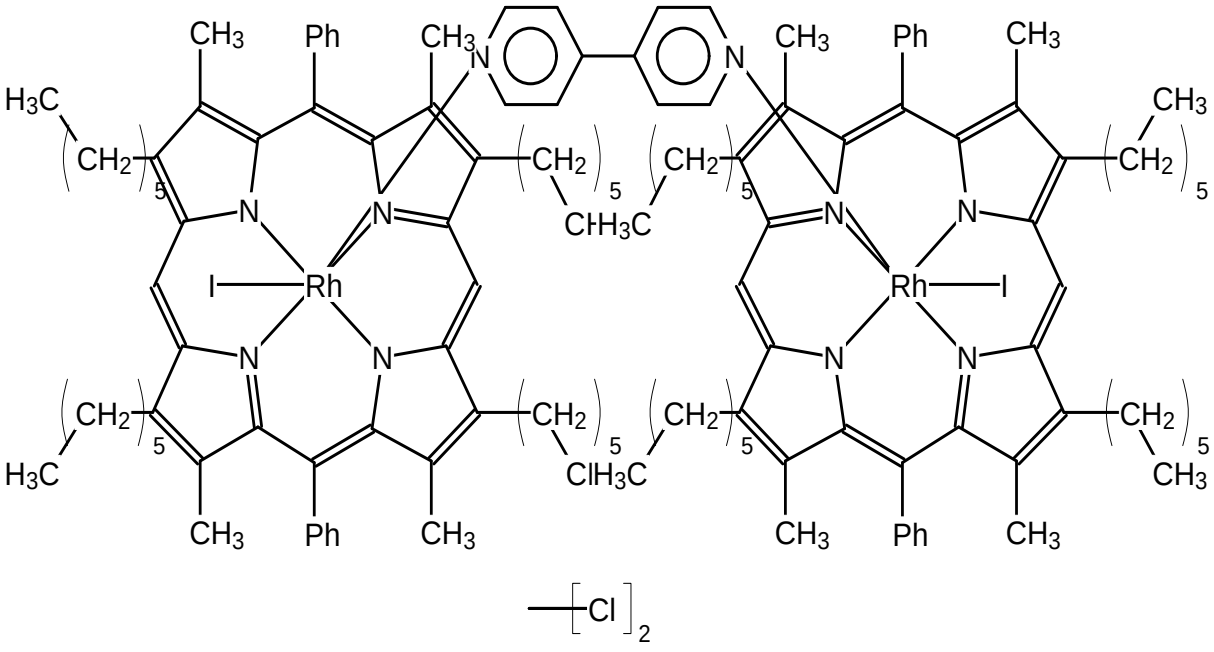
CIXPOO

Reference: H.-J.Kim, J.E.Redman, M.Nakash, N.Feeder, S.J.Teat, J.K.M.Sanders (1999) *Inorg.Chem.* ,**38,**5178

Formula: $C_{130}\ H_{160}\ I_2\ N_{10}\ Rh_2,2(C_1\ H_2\ Cl_2)$

Compound Name: bis(μ_2-5,15-Diphenyl-2,8,12,18-tetrahexyl-3,7,13,17-tetramethylporphyrinato)-(μ_2-4,4'-bipyridine)-bis(iodo-rhodium(iii)) dichloromethane solvate

Space Group:	P-1	***Cell:***	***a*** 15.207(2)	***b*** 17.479(2)	***c*** 12.347(2)
Space Group No.:	2	***(Å,°)***	α 110.27(2)	β 90.74(2)	γ 95.93(2)
R-Factor (%):	4.76	***Temperature(K):***	180	***Density(g/cm^3):***	1.353



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 317

CIXSEI

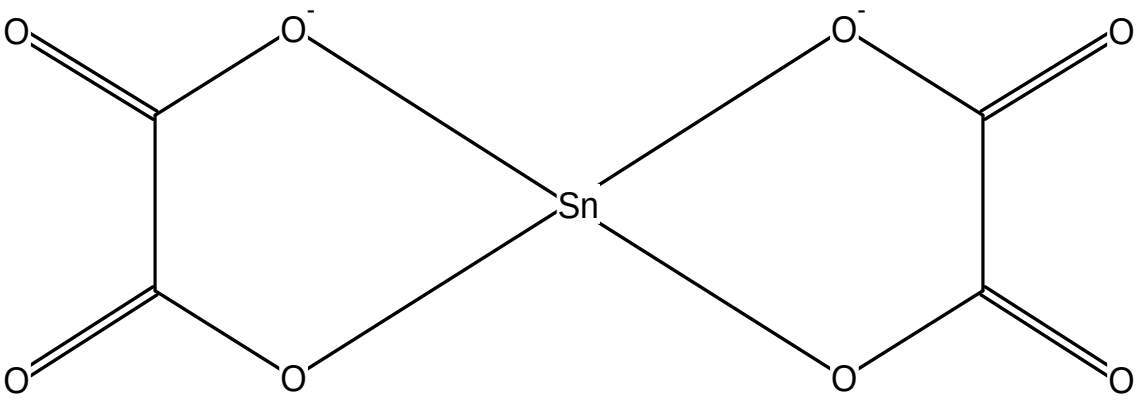
Reference: P.Ramaswamy, A.Datta, S.Natarajan (2008)
Eur.J.Inorg.Chem. ,1376

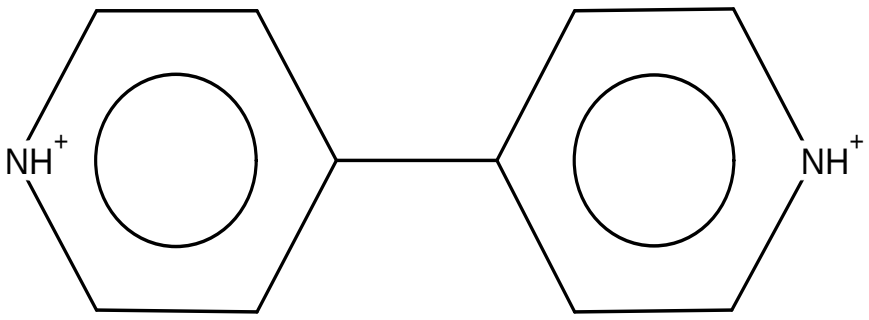
Formula: $C_4\ O_8\ Sn_1\ ^{2-}, C_{10}\ H_{10}\ N_2\ ^{2+}$

Compound Name: 4,4'-Bipyridinedi-ium bis(oxalato-O,O')-tin(ii)

Space Group:	C2/c	***Cell:***	***a***	13.839(9)	***b*** 5.179(3)	***c***	21.720(14)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.45(0)	γ	90.00

R-Factor (%): 3.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.987





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 318

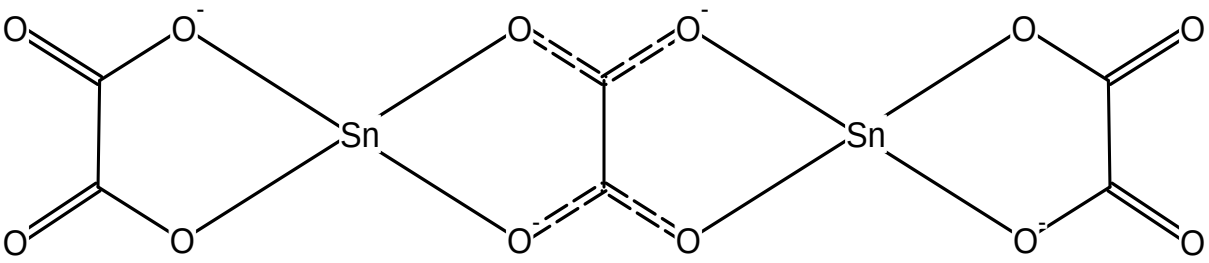
CIXSIM

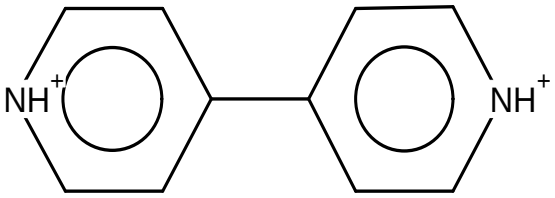
Reference: P.Ramaswamy, A.Datta, S.Natarajan (2008) *Eur.J.Inorg.Chem.* ,1376

Formula: $C_6\ O_{12}\ Sn_2\ ^{4-}$,2($C_{10}\ H_{10}\ N_2\ ^{2+}$)

Compound Name: bis(4,4'-Bipyridinedi-ium) (μ_2-oxalato-O,O',O'',O''')-bis(oxalato-O,O')-di-tin(ii)

Space Group:	P-1	***Cell:***	***a***	7.450(1)	***b***	9.138(1)	***c*** 11.140(2)
Space Group No.:	2	***(Å,°)***	α	102.20(0)	β	106.85(0)	γ 92.18(0)
R-Factor (%):	2.22	***Temperature(K):***	293		***Density(g/cm^3):***	1.925	





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 319

CIZFOG

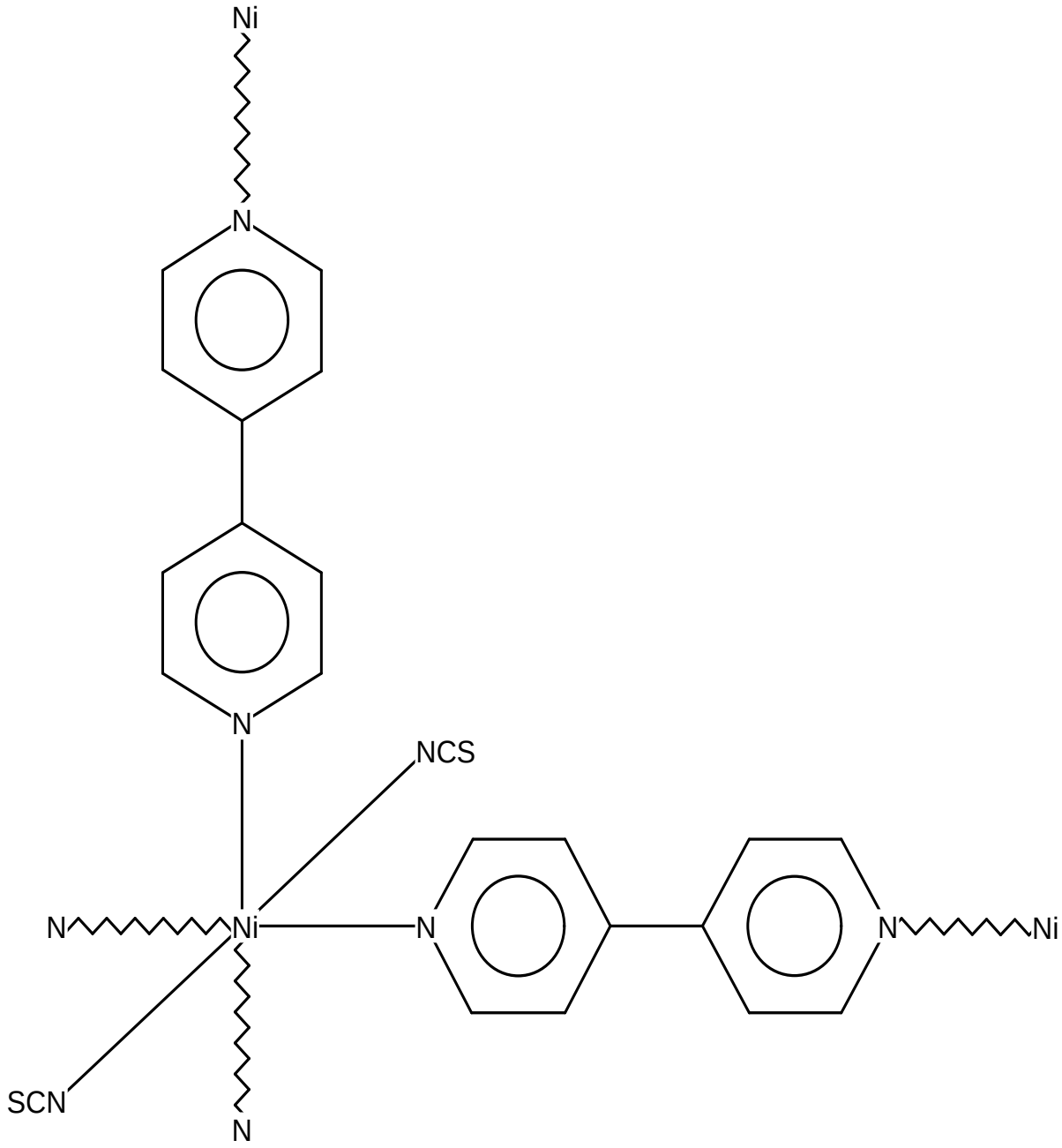
Reference: Yugen Zhang, Li Jianmin, Deng Wei, M.Nishiura, T.Imamoto (1999) *Chem.Lett.* ,195

Formula: $(C_{22}\ H_{16}\ N_6\ Ni_1\ S_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-di-isothiocyanato-nickel)

Space Group:	C2/c	***Cell:***	***a***	12.156(3)	***b*** 11.381(2)	***c***	16.646(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.43(3)	γ	90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.429



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 320

CIZFOG01

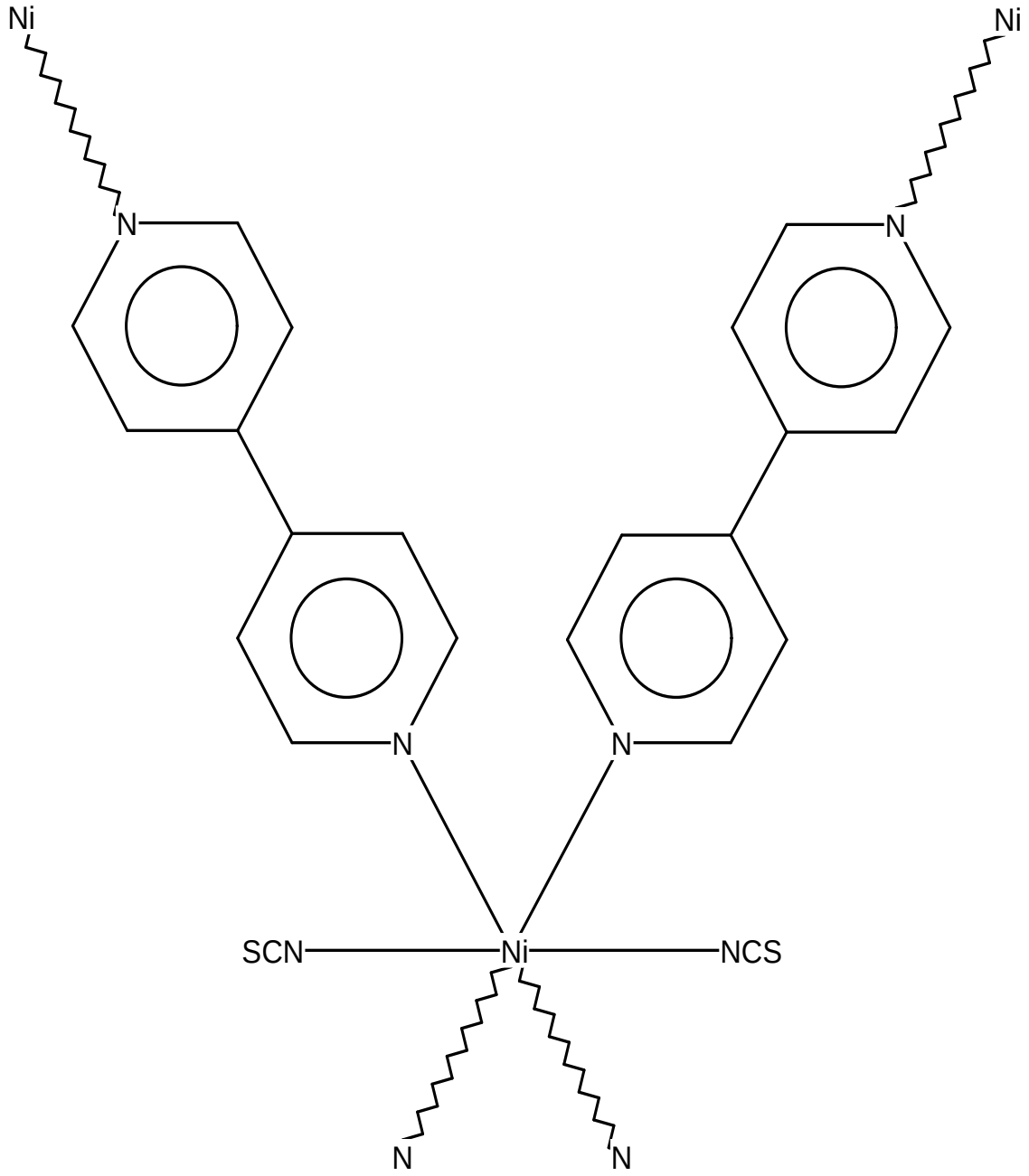
Reference: Y.Zhang, L.Jianmin, M.Nishiura, T.Imamoto (2000)
*J.Mol.Struct. ,***519,**219

Formula: $(C_{22}\ H_{16}\ N_6\ Ni_1\ S_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-di-isothiocyanato-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	12.156(3)	***b*** 11.380(20)	***c***	16.646(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.43(3)	γ	90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.429



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 321

COCZIE

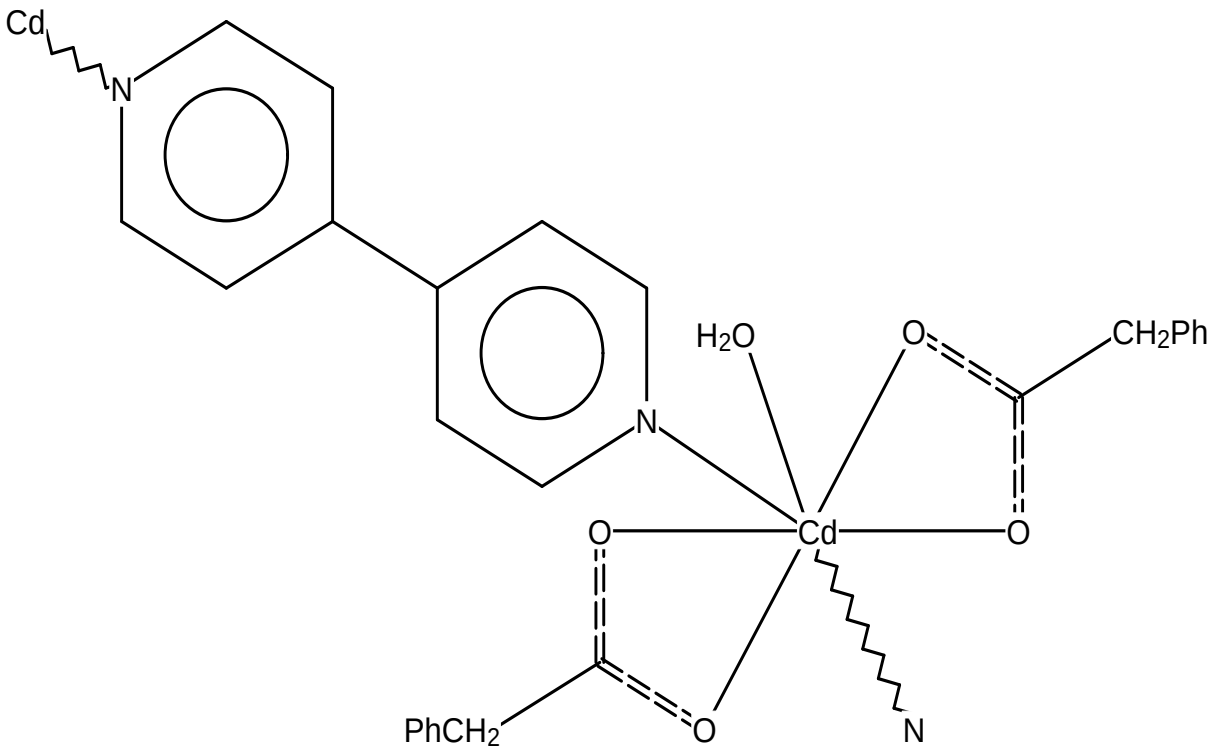
Reference: Li-Li Kong, Shan Gao, Li-Hua Huo, Hui Zhao (2008)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**24,**661

Formula: $(C_{26}\ H_{24}\ Cd_1\ N_2\ O_5)n,4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(phenylacetato)-aqua-cadmium(ii) tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	20.885(4)	***b*** 8.391(1)	***c***	16.835(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.45(3)	γ	90.00

R-Factor (%): 1.99 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.469



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 322

COKMEV

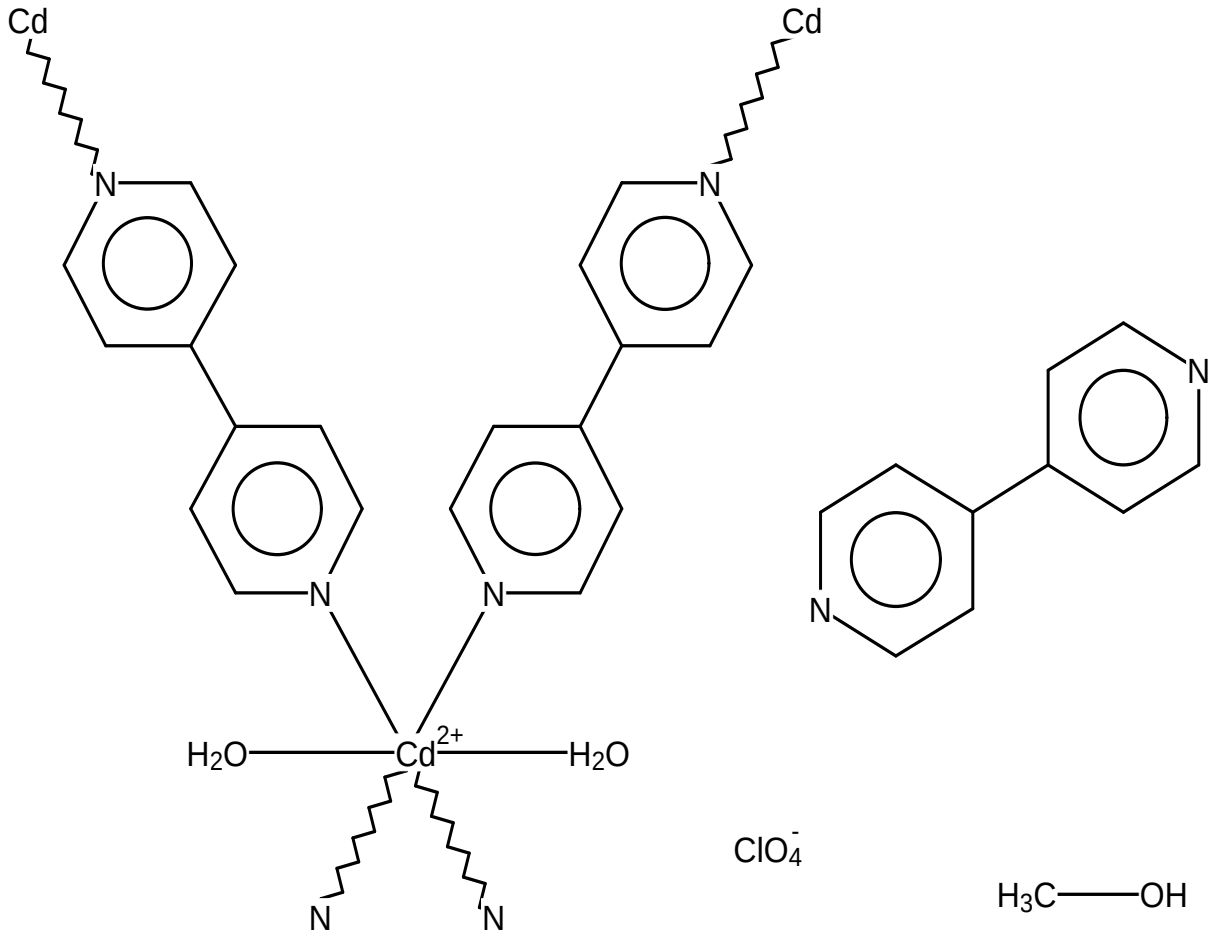
Reference: Ji-Jun Jiang, Yong-Ru Liu, Rui Yang, Mei Pan, Rong Cao, Cheng-Yong Su (2008) *CrystEngComm* ,**10,**1147

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(C_{10}\ H_8\ N_2),2n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-diaqua-cadmium(ii) diperchlorate 4,4'-bipyridine methanol solvate)

Space Group:	P2/n	***Cell:***	***a***	16.514(0)	***b*** 11.793(0)	***c***	20.806(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.89(0)	γ	90.00

R-Factor (%): 6.08 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.480



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 323

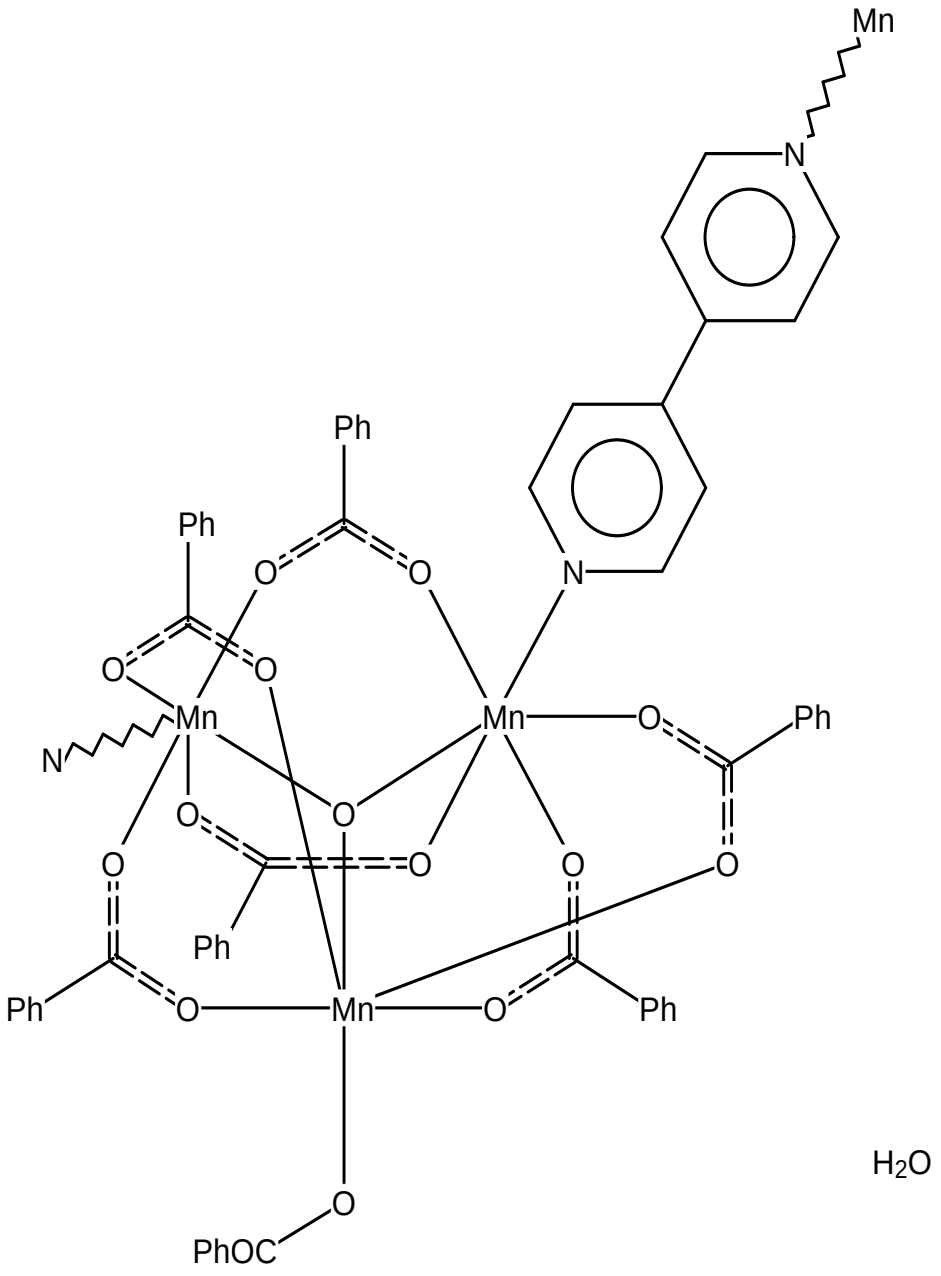
COMPIE

Reference: S.Zartilas, E.E.Moushi, V.Nastopoulos, A.K.Boudalis, A.J.Tasiopoulos (2008) *Inorg.Chim.Acta* ,**361,**4100

Formula: $(C_{59}\ H_{43}\ Mn_3\ N_2\ O_{15})n,3n(H_2\ O_1)$

Compound Name: catena-((μ_3-Oxo)-hexakis(μ_2-benzoato-O,O')-(μ_2-4,4'-bipyridine)-(benzoato-O)-tri-manganese(iii) trihydrate)

Space Group:	I2/a	***Cell:***	***a*** 27.402(1)	***b*** 16.129(0)	***c*** 29.864(1)
Space Group No.:	15	***(Å,°)***	α 90.00	β 106.92(0)	γ 90.00
R-Factor (%):	6.84	***Temperature(K):***	100	***Density(g/cm^3):***	1.303



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 324

CONQEC

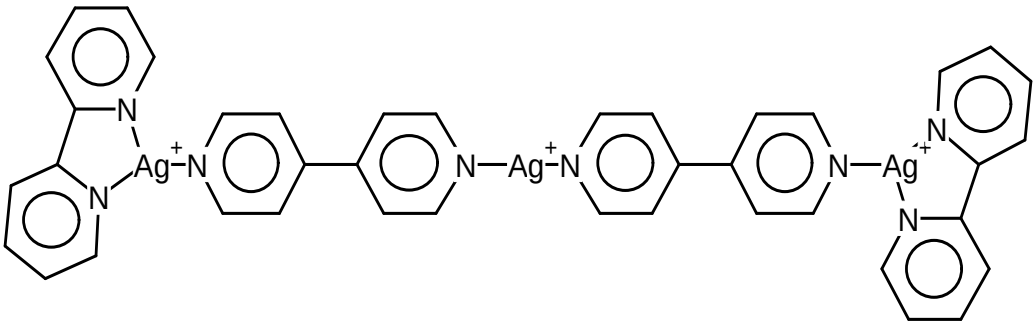
Reference: Jing Chen, Jing-quan Sha, Jung Peng, Zhen-Yu Shi, Ai-xiang Tian, Peng-peng Zhang (2009) *J.Mol.Struct. ,***917,**10

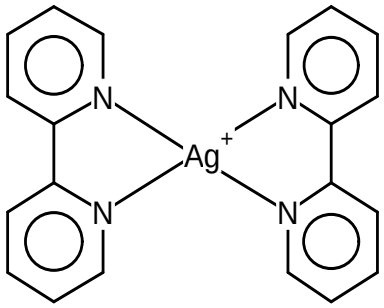
Formula: $C_{40}\ H_{32}\ Ag_3\ N_8\ ^{3+}$,$C_{20}\ H_{16}\ Ag_1\ N_4\ ^{1+}$,$C_{10}\ H_8\ Ag_1\ N_2\ O_{40}\ P_1\ W_{12}\ ^{4-}$

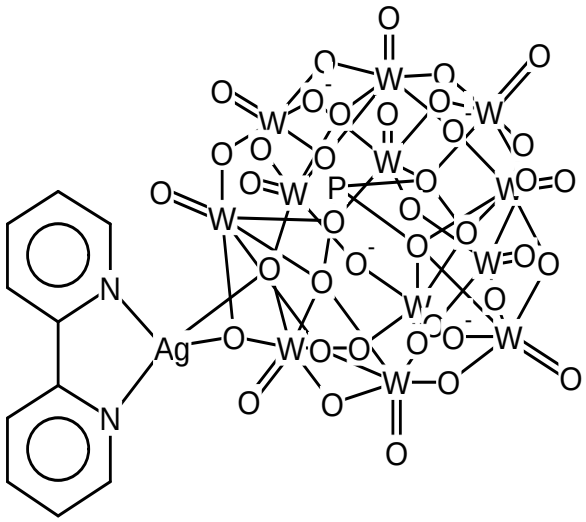
Compound Name: bis(μ_2-4,4'-Biphenyl)-bis(2,2'-biphenyl)-tri-silver bis(2,2'-biphenyl)-silver (μ_{12}-phosphato)-bis(μ_3-oxo)-docosakis(μ_2-oxo)-(2,2'-biphenyl)-dodecaoxo-silver-undeca-tungsten-vanadium

Space Group:	P1	***Cell:***	***a***	13.357(3)	***b***	13.771(3)	***c***	15.226(3)
Space Group No.:	1	***(Å,°)***	α	63.50(3)	β	66.28(3)	γ	70.00(3)

R-Factor (%): 7.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.330







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 325

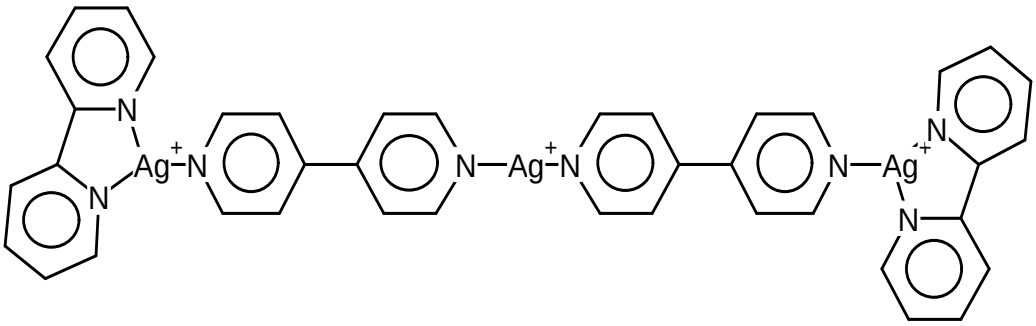
CONQIG

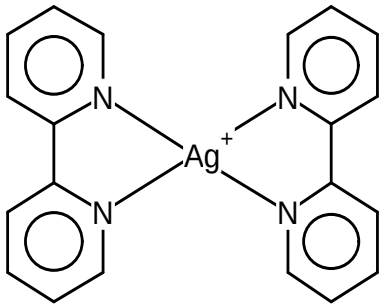
Reference: Jing Chen, Jing-quan Sha, Jung Peng, Zhen-Yu Shi, Ai-xiang Tian, Peng-peng Zhang (2009) *J.Mol.Struct. ,***917,**10

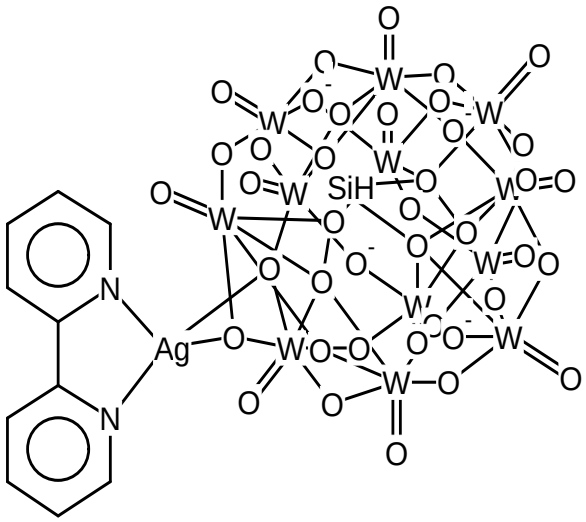
Formula: $C_{40}\ H_{32}\ Ag_3\ N_8\ ^{3+}$,$C_{20}\ H_{16}\ Ag_1\ N_4\ ^{1+}$,$C_{10}\ H_9\ Ag_1\ N_2\ O_{40}\ Si_1\ W_{12}\ ^{4-}$

Compound Name: bis(μ_2-4,4'-Biphenyl)-bis(2,2'-biphenyl)-tri-silver bis(2,2'-biphenyl)-silver (μ_{12}-silicato)-bis(μ_3-oxo)-docosakis(μ_2-oxo)-(2,2'-biphenyl)-dodecaoxo-silver-undeca-tungsten-vanadium

Space Group:	P1	***Cell:***	***a***	13.362(3)	***b***	13.745(3)	***c*** 15.242(3)
Space Group No.:	1	***(Å,°)***	α	63.92(3)	β	65.96(3)	γ 70.30(3)
R-Factor (%):	4.70	***Temperature(K):***	293	***Density(g/cm^3):***	3.322		







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 326

COPXEL

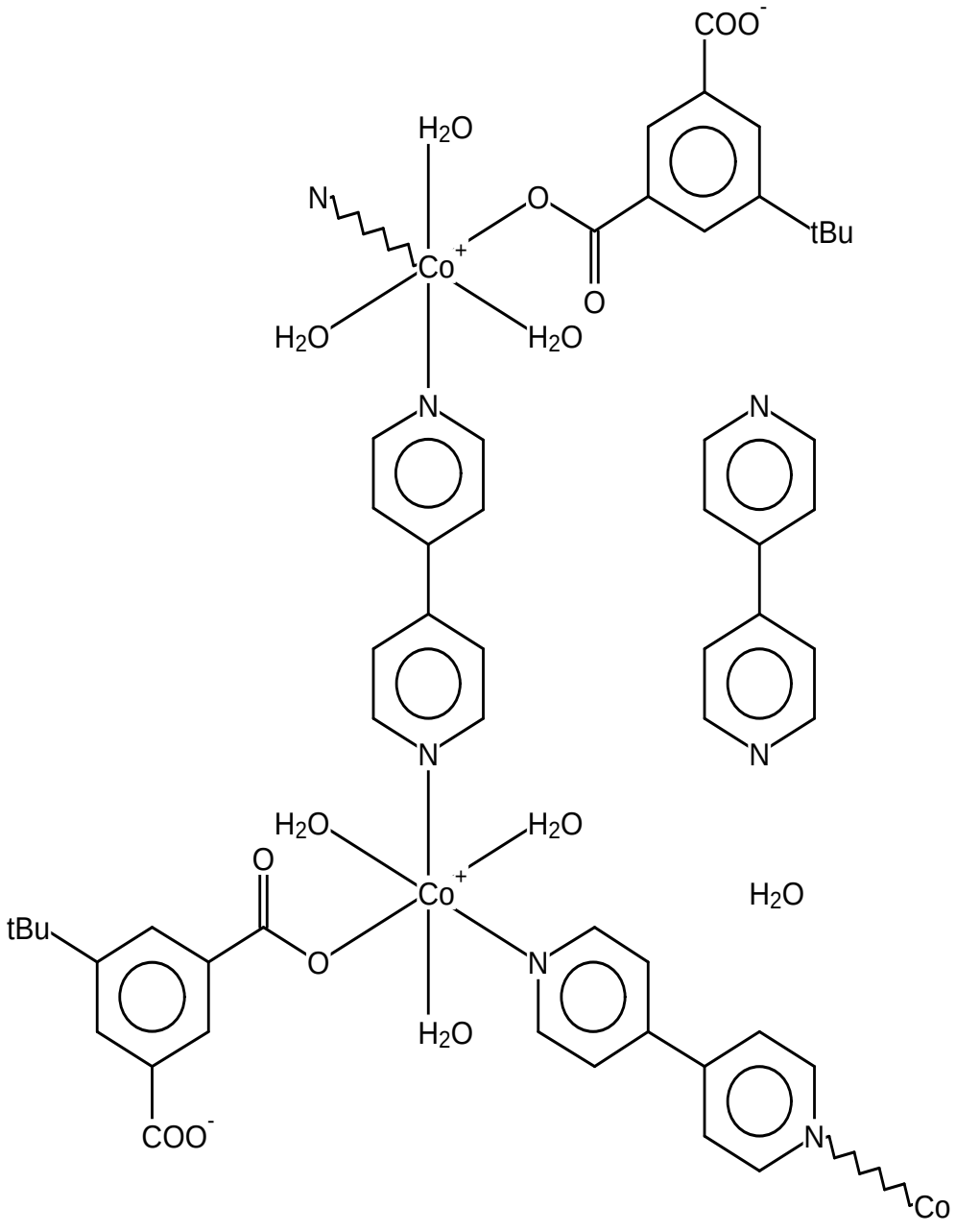
Reference: Lu-Fang Ma, Li-Ya Wang, Yao-Yu Wang, S.R.Batten, Jian-Ge Wang (2009) *Inorg.Chem.* ,**48,**915

Formula: $(C_{44}\ H_{52}\ Co_2\ N_4\ O_{14})n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(5-t-butylisophthalato)-hexaaqua-di-cobalt(ii) 4,4'-bipyridine solvate dihydrate)

Space Group:	P-1	***Cell:***	***a*** 8.103(1)	***b*** 11.037(2)	***c*** 16.541(4)
Space Group No.:	2	***(Å,°)***	α 107.13(0)	β 103.02(0)	γ 91.11(0)

R-Factor (%): 4.52 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.418



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 327

COPXIP

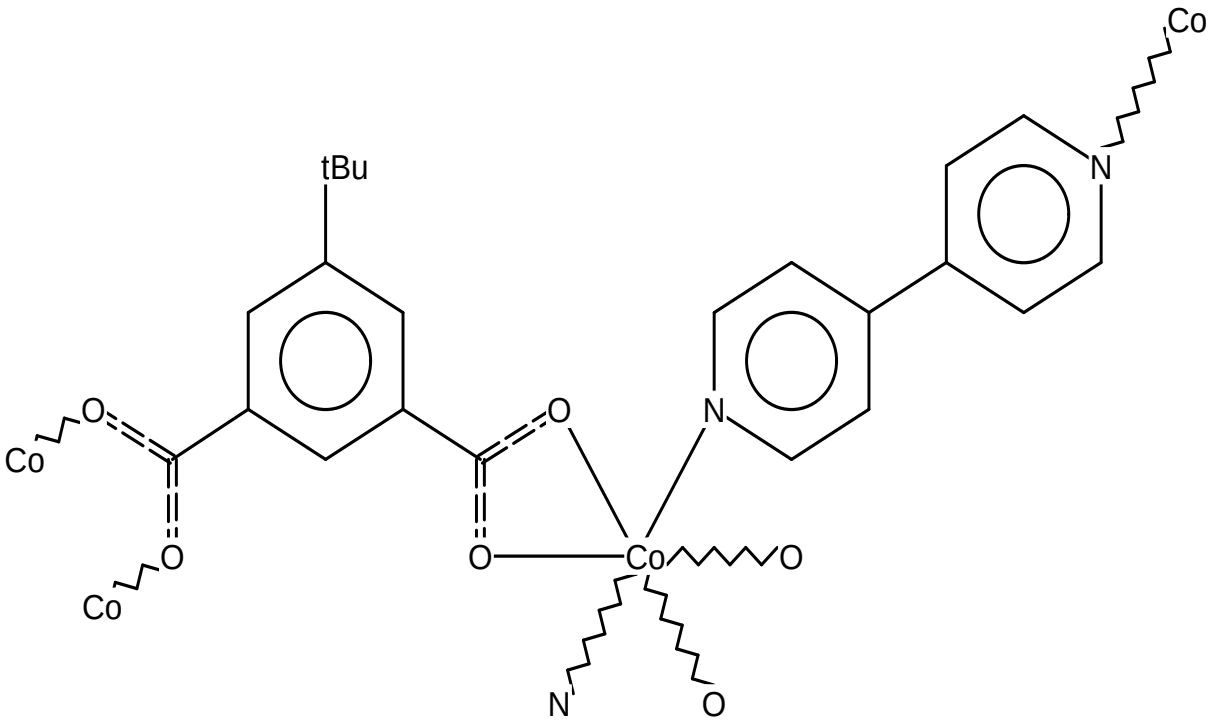
Reference: Lu-Fang Ma, Li-Ya Wang, Yao-Yu Wang, S.R.Batten, Jian-Ge Wang (2009) *Inorg.Chem.* ,**48,**915

Formula: $(C_{22}\ H_{20}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_3-5-t-Butylisophthalato)-(μ_2-4,4'-bipyridine)-cobalt(ii))

Space Group:	C2/m	***Cell:***	***a***	21.690(3)	***b*** 11.399(1)	***c***	9.998(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 102.58(0)	γ	90.00

R-Factor (%): 8.13 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.199



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 328

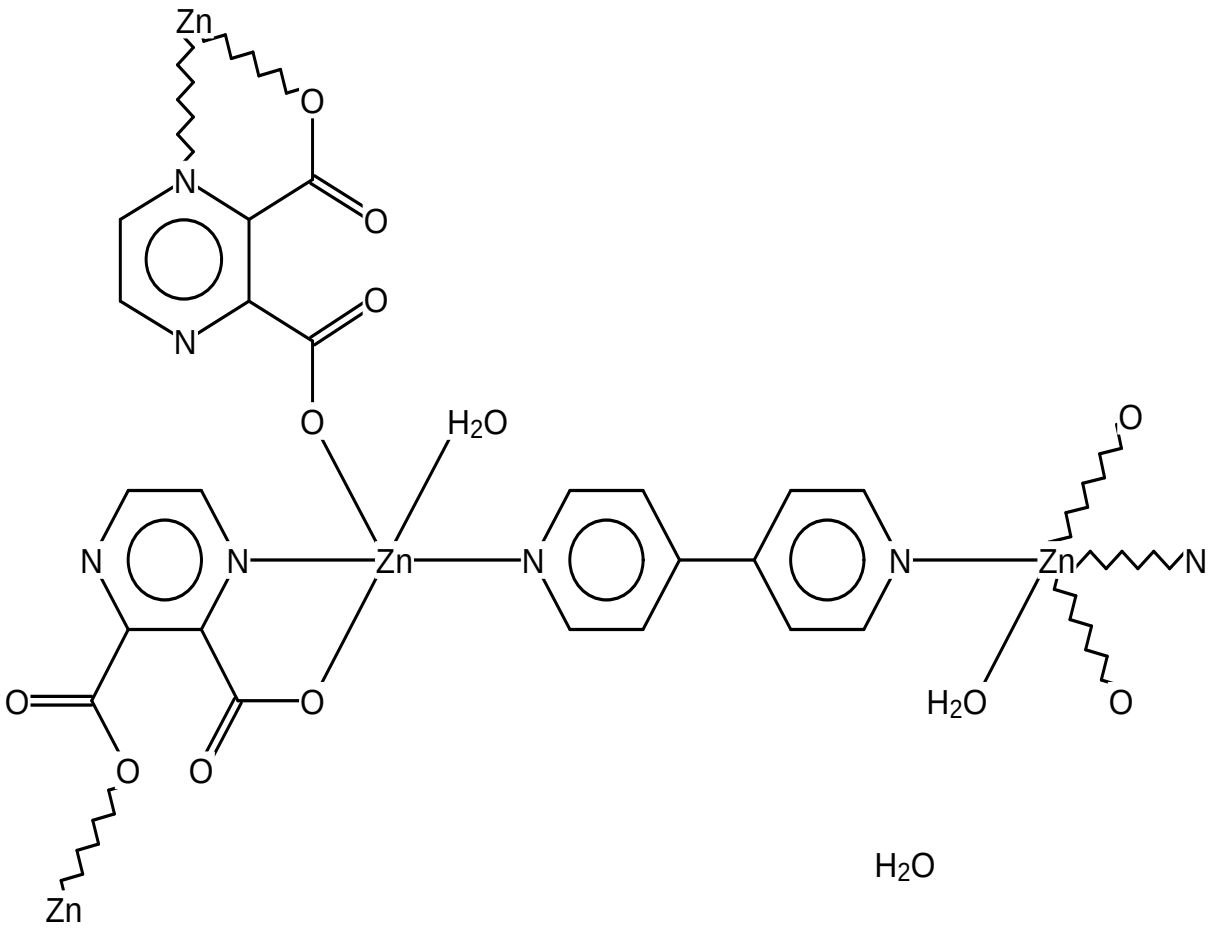
COSBIW

Reference: Ming-Jin Fang, Ming-Xing Li, Xiang He, Min Shao, Wei Pang, Shou-Rong Zhu (2009) *J.Mol.Struct. ,***921,**137

Formula: $(C_{22}\ H_{16}\ N_6\ O_{10}\ Zn_2)n,3n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-pyrazine-2,3-dicarboxylato-N,O,O')-diaqua-di-zinc(ii) trihydrate]

Space Group:	Pccn	***Cell:***	***a***	9.932(1)	***b***	35.363(5)	***c*** 7.142(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	5.92	***Temperature(K):***	273		***Density(g/cm^3):***		1.878



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 329

COSBOC

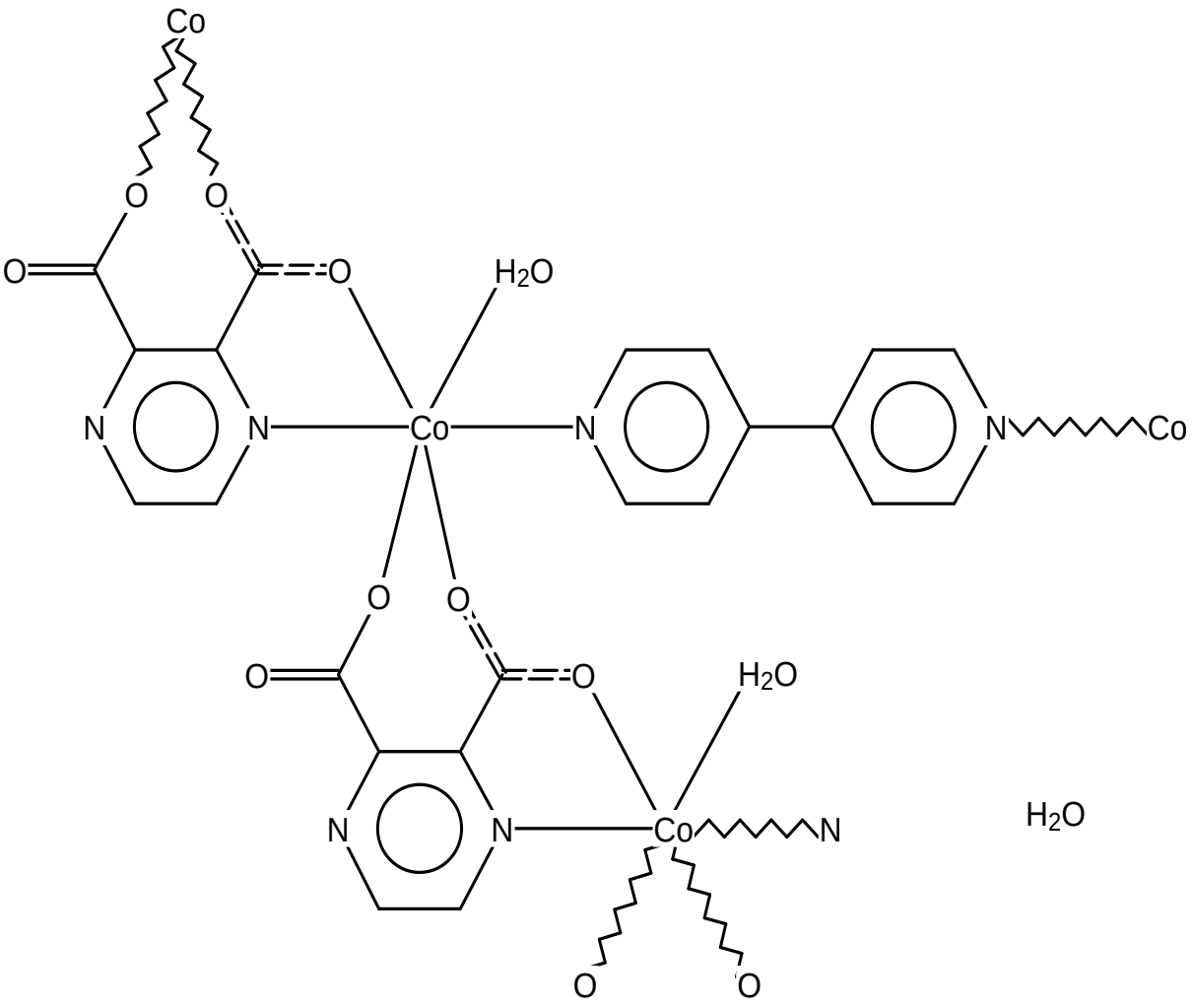
Reference: Ming-Jin Fang, Ming-Xing Li, Xiang He, Min Shao, Wei Pang, Shou-Rong Zhu (2009) *J.Mol.Struct. ,***921,**137

Formula: $(C_{22}\ H_{16}\ Co_2\ N_6\ O_{10})n,3n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-pyrazine-2,3-dicarboxylato-N,O,O',O'')-diaqua-di-cobalt(ii) trihydrate]

Space Group:	C2/c	***Cell:***	***a***	35.093(7)	***b*** 10.042(2)	***c***	7.578(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.26(0)	γ	90.00

R-Factor (%): 4.65 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.766



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 330

COSBUI

Reference: Ming-Jin Fang, Ming-Xing Li, Xiang He, Min Shao, Wei Pang, Shou-Rong Zhu (2009) *J.Mol.Struct. ,***921,**137

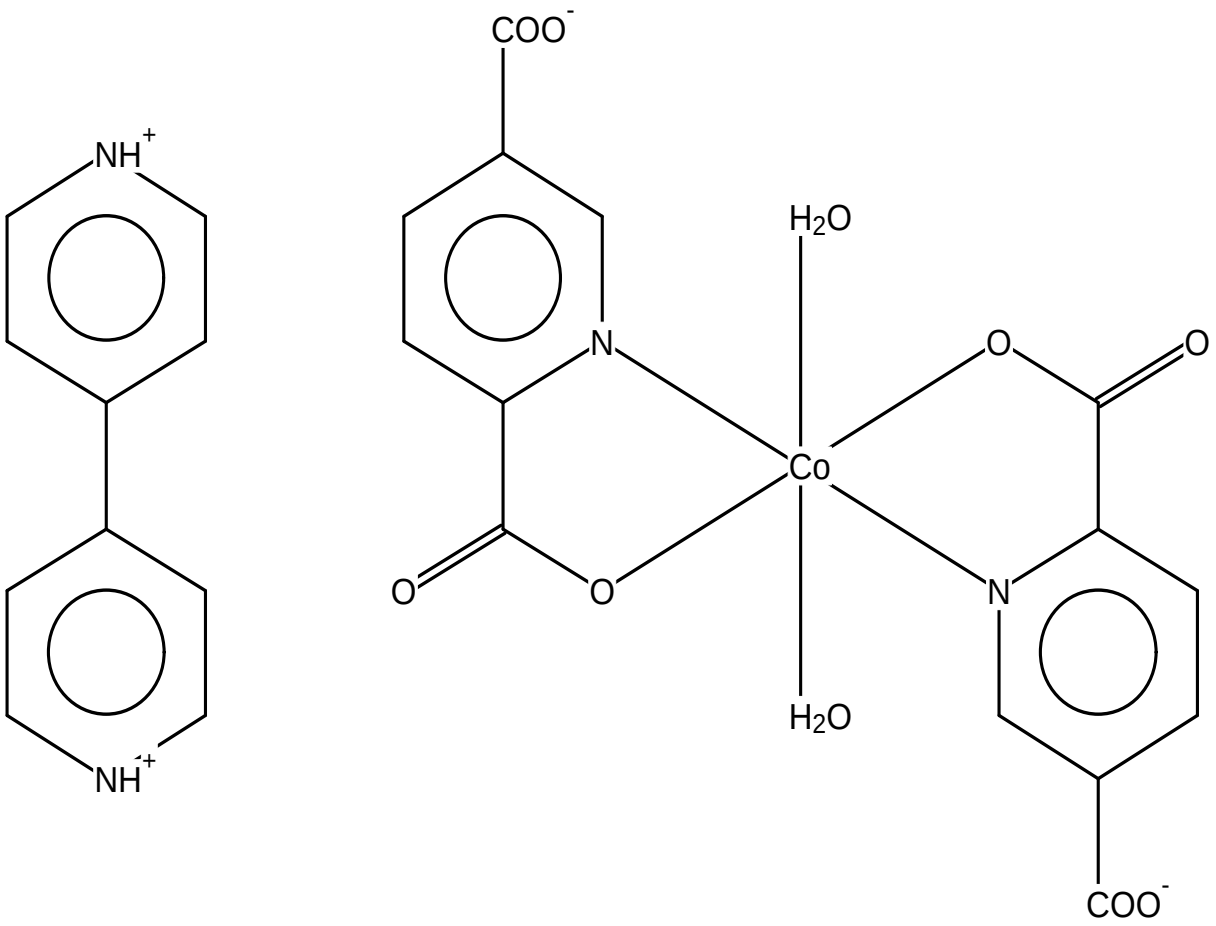
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_{14}\,H_{10}\,Co_1\,N_2\,O_{10}\,^{2-}$

Compound Name: 4,4'-Bipyridinium diaqua-bis(pyridine-2,5-dicarboxylato-N,O)-cobalt(ii)

Synonym: 4,4'-Bipyridinium diaqua-bis(6-carboxylatonicotinato-N,O)-cobalt(ii)

Space Group:	P-1	***Cell:***	***a***	6.993(4)	***b***	8.694(6)	***c*** 10.351(7)
Space Group No.:	2	***(Å,°)***	α	111.96(0)	β	90.36(0)	γ 106.32(0)

R-Factor (%): 4.54 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.743



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 331

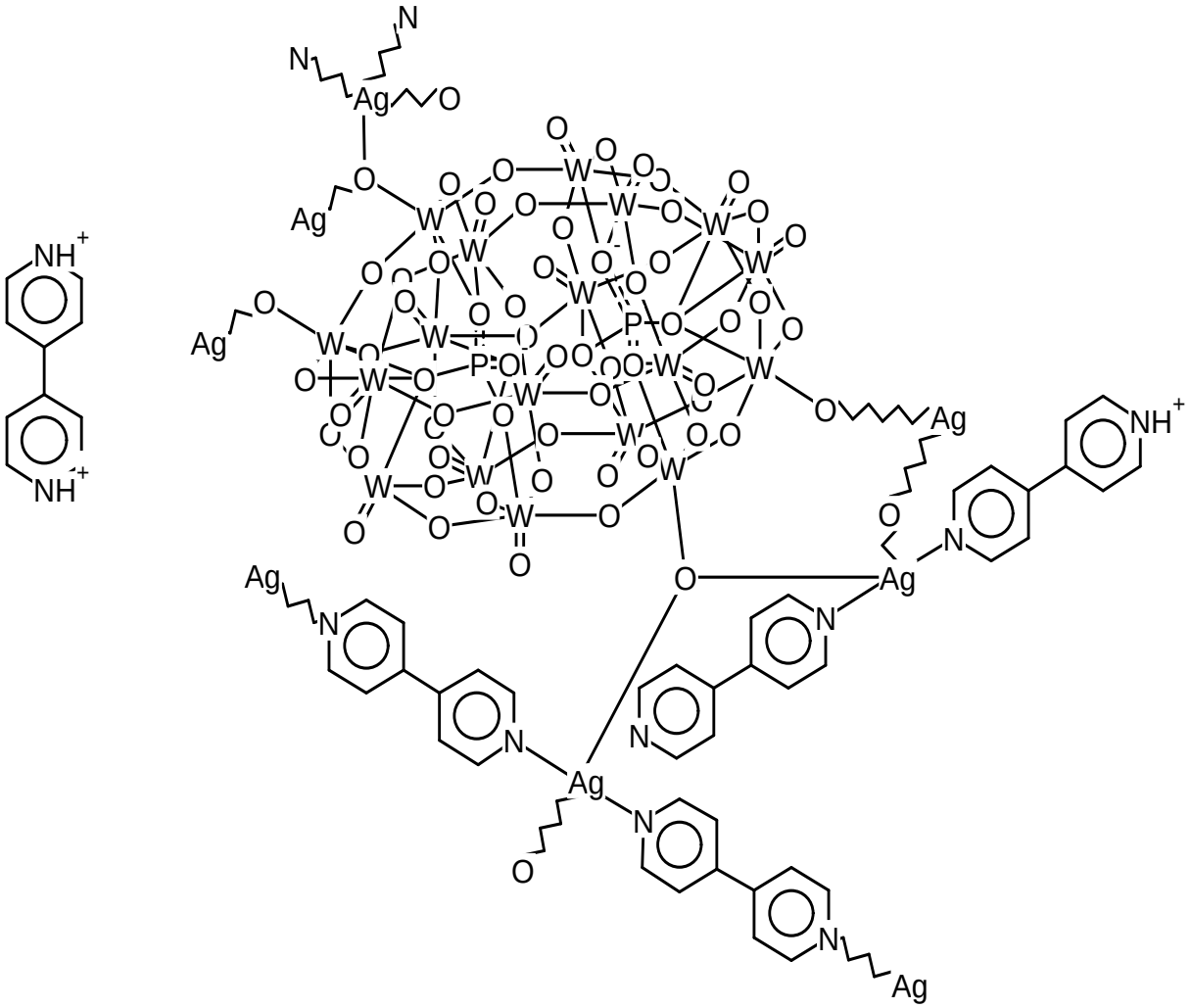
COSFOG

Reference: Haijun Pang, Jun Peng, Jingquan Sha, Aixiang Tian, Pengpeng Zhang, Yuan Chen, Min Zhu (2009) *J.Mol.Struct.* ,**921,**289

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{40}\ H_{33}\ Ag_3\ N_8\ O_{62}\ P_2\ W_{18}\ ^{2-})$

Compound Name: catena-[(4,4'-Bipyridinium) bis(μ_9-phosphato)-bis(μ_3-oxo)-bis(μ_2-4,4'-bipyridine-N,N')-octatriacontakis(μ_2-oxo)-(4,4-bipyridin-1'-ium-N)-(4,4'-bipyridine-N)-tetradeca-oxo-tri-silver(i)-octadeca-tungsten(vi)]

Space Group:	C2/c	***Cell:***	***a***	23.418(2)	***b***	21.834(2)	***c***	17.650(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.38(0)	γ	90.00
R-Factor (%):	5.07	***Temperature(K):***	296		***Density(g/cm^3):***	4.044		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 332

COVVEP

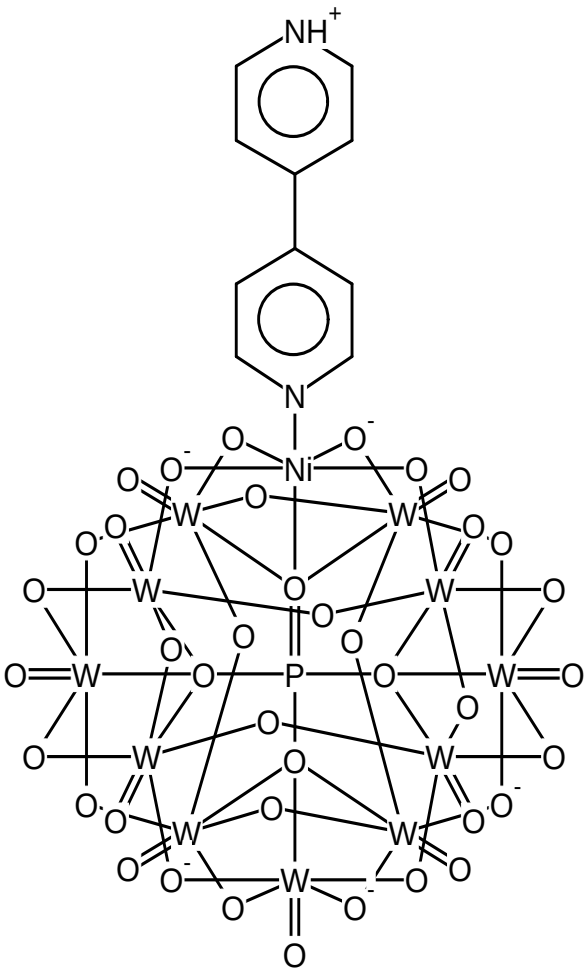
Reference: Lian Chen, Fei-Long Jiang, Ning Li, Wen-Tao Xu, Mao-Chun Hong (2008) *J.Cluster Sci.* ,**19,**591

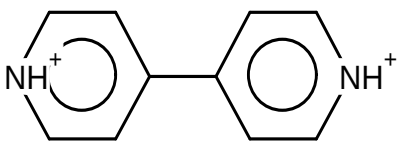
Formula: $2(C_{10}\,H_{10}\,N_2\,^{2+}),C_{10}\,H_9\,N_2\,Ni_1\,O_{39}\,P_1\,W_{11}\,^{4-},4.25(H_2\,O_1)$

Compound Name: bis(4,4'-Bipyridinium) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-undecaoxo-(4-(4-pyridinio)pyridine-N)-nickel-undeca-tungsten hydrate

Space Group:	P-1	***Cell:***	***a***	11.569(0)	***b***	12.105(0)	***c*** 20.582(1)
Space Group No.:	2	***(Å,°)***	α	90.04(0)	β	95.83(0)	γ 99.98(0)

R-Factor (%): 5.91 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 3.865





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 333

COVVIT

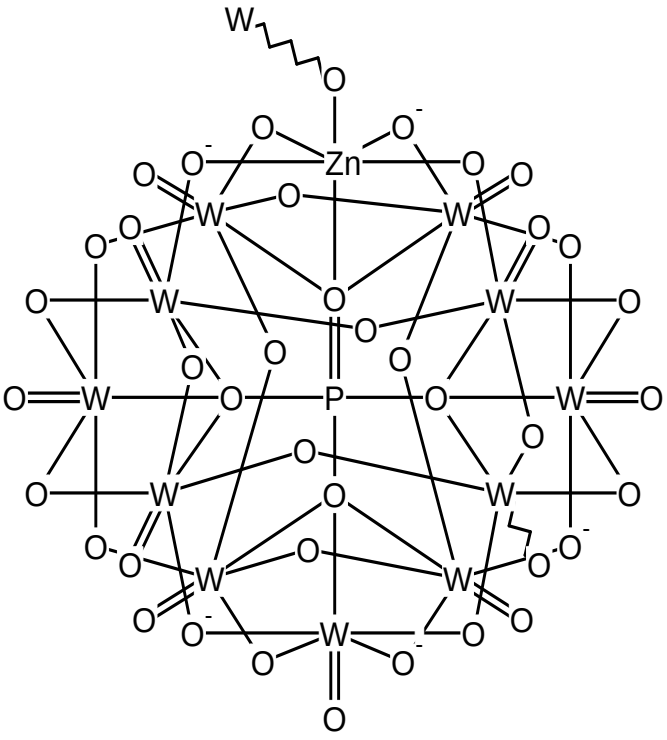
Reference: Lian Chen, Fei-Long Jiang, Ning Li, Wen-Tao Xu, Mao-Chun Hong (2008) *J.Cluster Sci.* ,**19,**591

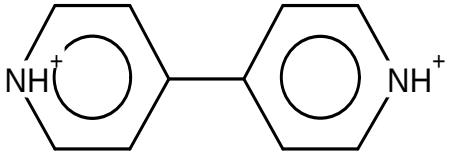
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(C_{10}\ H_9\ N_2\ ^{1+}),n(O_{39}\ P_1\ W_{11}\ Zn_1\ ^{5-}),1.5n(H_2\ O_1)$

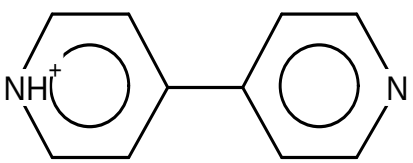
Compound Name: catena-(bis(4,4'-Bipyridinium) 4-(4-pyridyl)pyridinium (μ_{12}-phosphato)-pentacosakis(μ_2-oxo)-decaoxo-undeca-tungsten-zinc sesquihydrate)

Space Group:	P21/c	***Cell:***	***a***	13.536(0)	***b*** 26.719(1)	***c***	18.509(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 126.30(0)	γ	90.00

R-Factor (%): 7.79 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 3.993







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 334

COVZIX

Reference: B.Weber, E.S.Kaps, C.Desplanches, J.-F.Letard (2008) *Eur.J.Inorg.Chem.* ,2963

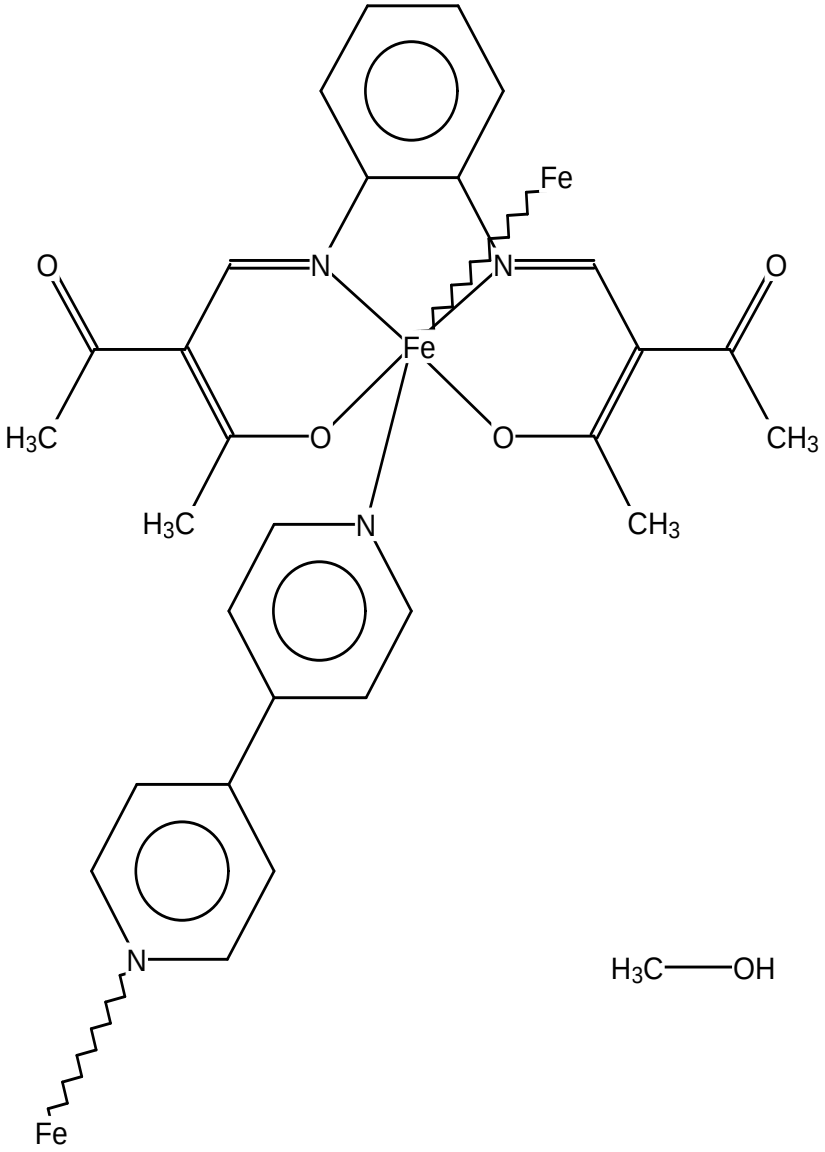
Formula: $(C_{28}\ H_{26}\ Fe_1\ N_4\ O_4)n,0.25n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-(3,3'-(benzene-1,2-diylbis(nitrilomethylylidene))bis(4-oxopent-2-en-2-olate))-iron(ii) methanol solvate)

Synonym: catena-((μ_2-4,4'-bipyridine)-(3,3'-(1,2-phenylenebis(iminomethylidyne)) bis(2,4-pentanedioato))-iron(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	11.564(0)	***b***	19.680(0)	***c***	23.396(0)
Space Group No.:	2	***(Å,°)***	α	79.76(0)	β	87.86(0)	γ	79.83(0)

R-Factor (%): 29.95 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.407



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 335

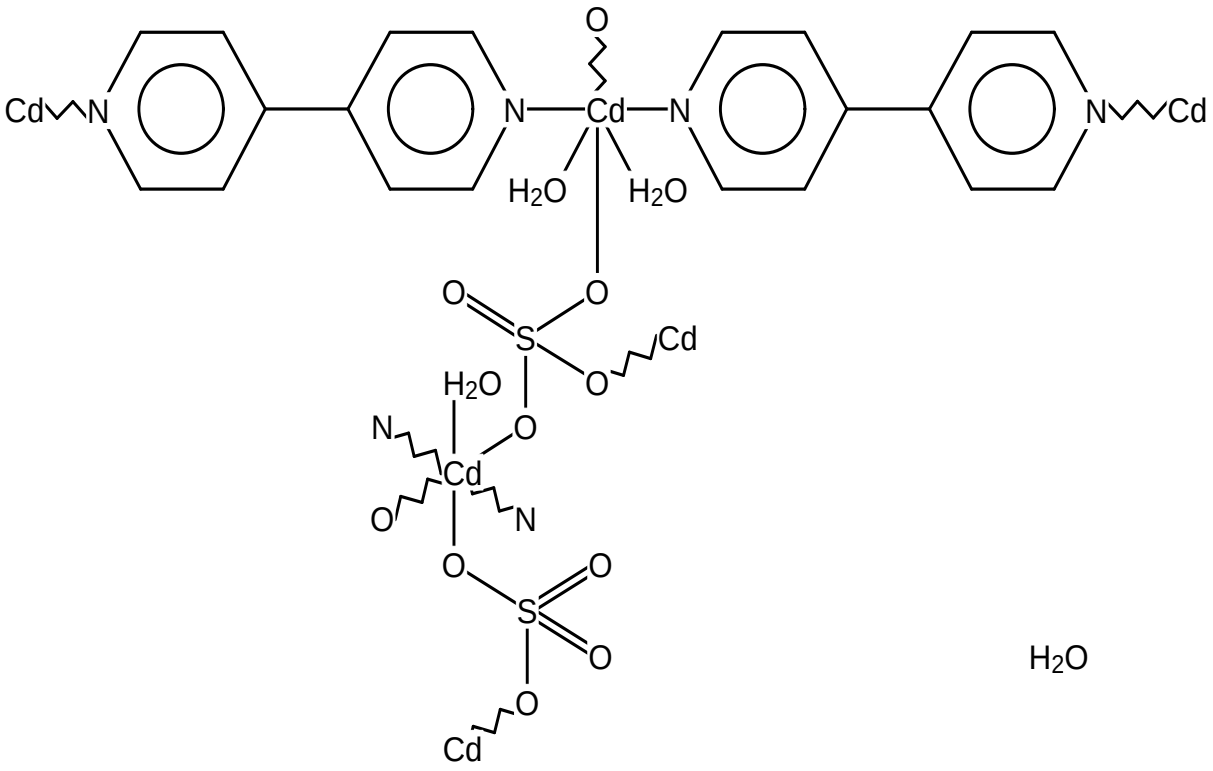
COXQUB

Reference: S.D.Huang, Ren-Gen Xiong, Jiande Han, B.R.Weiner (1999) *Inorg.Chim.Acta* ,**294,**95

Formula: $(C_{20}\ H_{22}\ Cd_2\ N_4\ O_{11}\ S_2)n,3n(H_2\ O_1)$

Compound Name: catena((μ3-Sulfato)-bis(μ2-4,4'-bipyridine)-(μ2-sulfato)-triaqua-di-cadmium trihydrate)

Space Group:	C2	***Cell:***	***a***	24.624(1)	***b*** 9.755(0)	***c***	13.596(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β 120.66(0)	γ	90.00
R-Factor (%):	3.45	***Temperature(K):***	295		***Density(g/cm3):***		1.980



Search: search1 (Thu May 26 10:05:42 2011): Hit 336

COXSIS

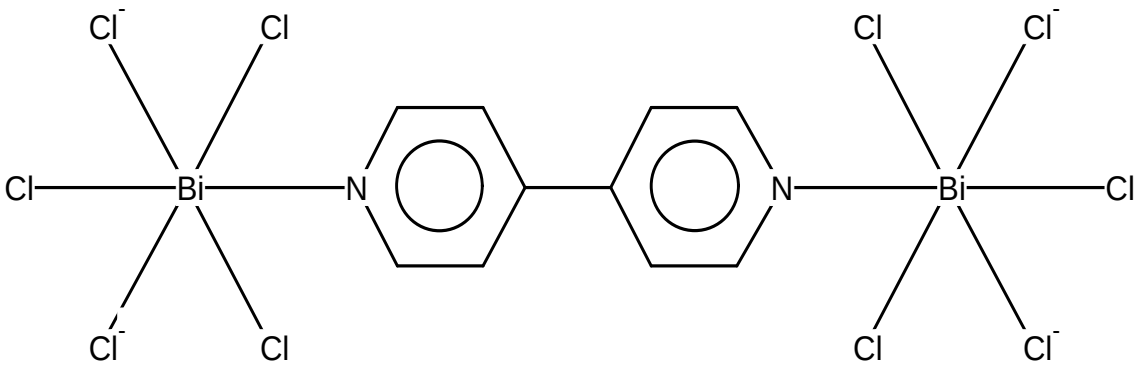
Reference: N.Soltanzadeh, A.Morsali (2009) *Polyhedron* ,**28,**1343

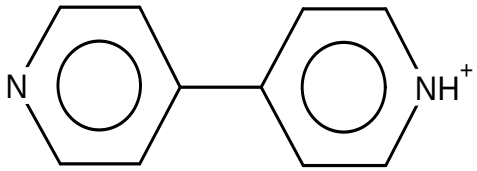
Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),C_{10}\ H_{10}\ N_2\ ^{2+},C_{10}\ H_8\ Bi_2\ Cl_{10}\ N_2\ ^{4-},2(H_2\ O_1)$

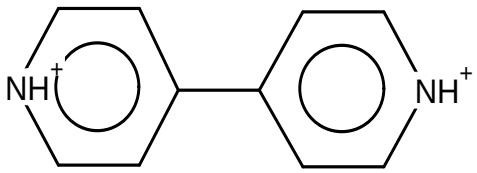
Compound Name: bis(4-(4-Pyridyl)pyridinium) 4,4'-bipyridinium (μ_2-4,4-bipyridine)-decachloro-di-bismuth(iii) dihydrate

Space Group:	P21/n	***Cell:***	***a***	17.920(4)	***b***	7.477(1)	***c*** 36.060(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.86(0)	γ 90.00

R-Factor (%): 6.10 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.978







H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 337

COYBUO

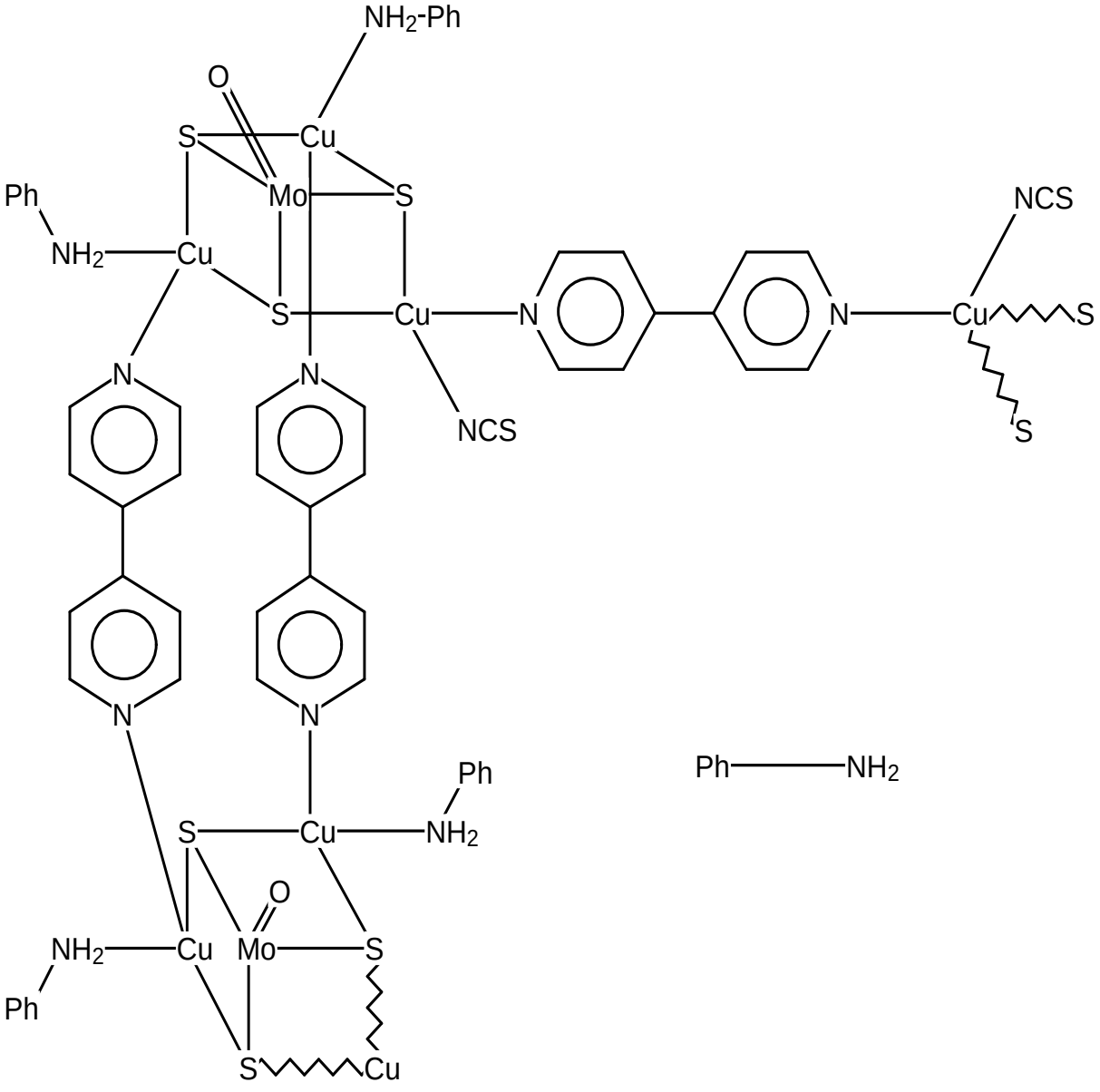
Reference: Jin-Xiang Chen, Xiao-Yan Tang, Yang Chen, Wen-Hua Zhang, Ling-Ling Li, Rong-Xin Yuan, Yong Zhang, Jian-Ping Lang (2009) *Cryst.Growth Des.* ,**9,**1461

Formula: $(C_{56}\ H_{52}\ Cu_6\ Mo_2\ N_{12}\ O_2\ S_8)n,6n(C_6\ H_7\ N_1)$

Compound Name: catena-(hexakis(μ_3-sulfido)-tris(μ_2-4,4'-bipyridine)-tetakis(aniline)-bis(isothiocyanato)-dioxo-hexa-copper-di-molybdenum aniline solvate)

Space Group:	P-1	***Cell:***	***a***	15.787(0)	***b***	17.182(0)	***c***	19.973(0)
Space Group No.:	2	***(Å,°)***	α	64.67(0)	β	85.66(0)	γ	89.50(0)

R-Factor (%): 7.95 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.574



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 338

COYCAV

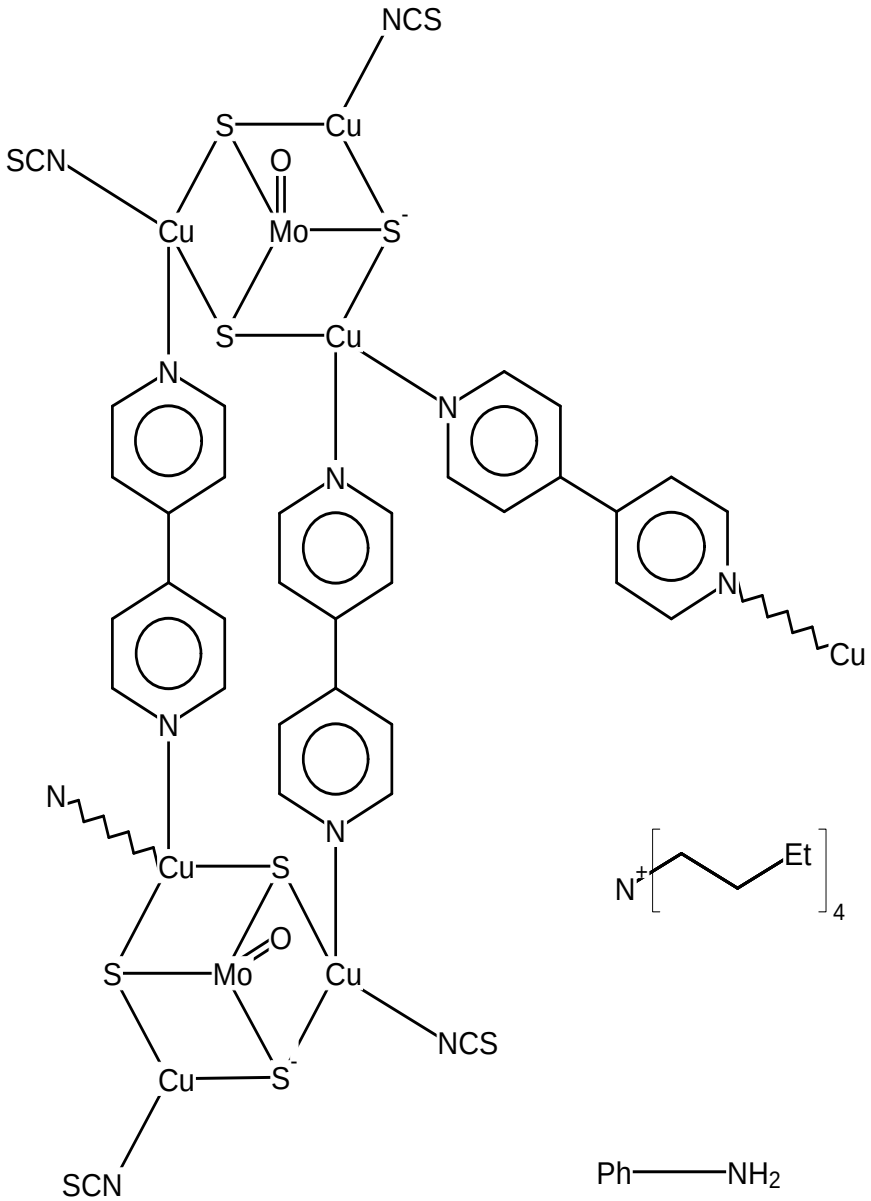
Reference: Jin-Xiang Chen, Xiao-Yan Tang, Yang Chen, Wen-Hua Zhang, Ling-Ling Li, Rong-Xin Yuan, Yong Zhang, Jian-Ping Lang (2009) *Cryst.Growth Des.* ,**9,**1461

Formula: $(C_{16}\ H_{36}\ N_1\ ^{1+})2n,n(C_{34}\ H_{24}\ Cu_6\ Mo_2\ N_{10}\ O_2\ S_{10}\ ^{2-}),2n(C_6\ H_7\ N_1)$

Compound Name: catena-(bis(tetra-n-butylammonium) hexakis(μ_3-sulfido)-tris(μ_2-4,4'-bipyridine)-tetrakis(isothiocyanato)-dioxo-hexa-copper-di-molybdenum aniline solvate)

Space Group:	P21	***Cell:***	***a***	9.901(2)	***b***	25.752(5)	***c***	18.883(4)
Space Group No.:	4	***(Å,°)***	α	90.00	β	97.90(3)	γ	90.00

R-Factor (%): 9.27 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.511



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 339

COYCEZ

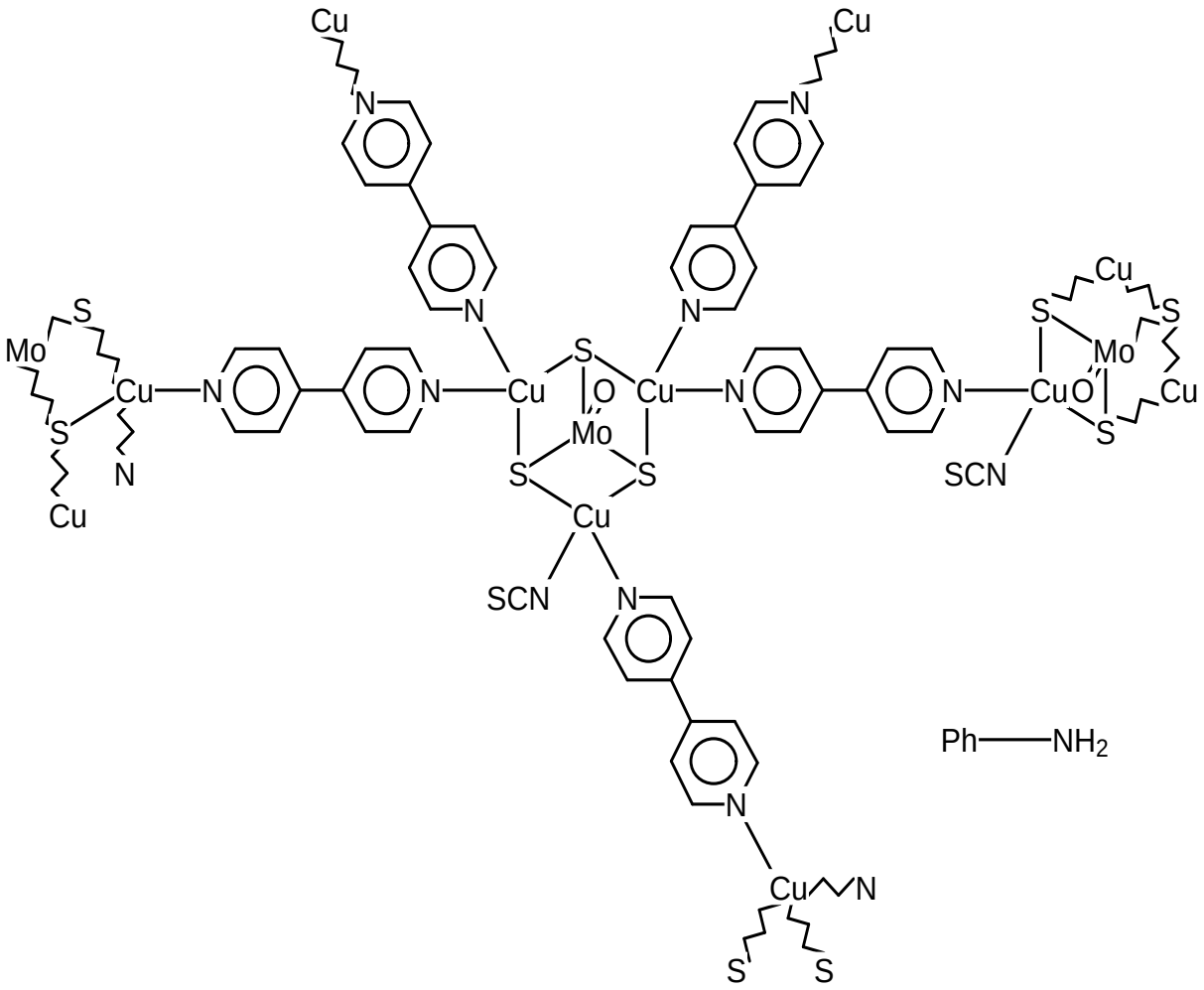
Reference: Jin-Xiang Chen, Xiao-Yan Tang, Yang Chen, Wen-Hua Zhang, Ling-Ling Li, Rong-Xin Yuan, Yong Zhang, Jian-Ping Lang (2009) *Cryst.Growth Des.* ,**9,**1461

Formula: $(C_{52}\ H_{40}\ Cu_6\ Mo_2\ N_{12}\ O_2\ S_8)n,6n(C_6\ H_7\ N_1)$

Compound Name: catena-(hexakis(μ_3-sulfido)-pentakis(μ_2-4,4'-bipyridine)-bis(isothiocyanato)-dioxo-hexa-copper-di-molybdenum aniline solvate)

Space Group:	P21/c	***Cell:***	***a***	10.000(1)	***b*** 27.294(3)	***c***	17.664(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.51(0)	γ	90.00

R-Factor (%): 9.47 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.579



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 340

COYCID

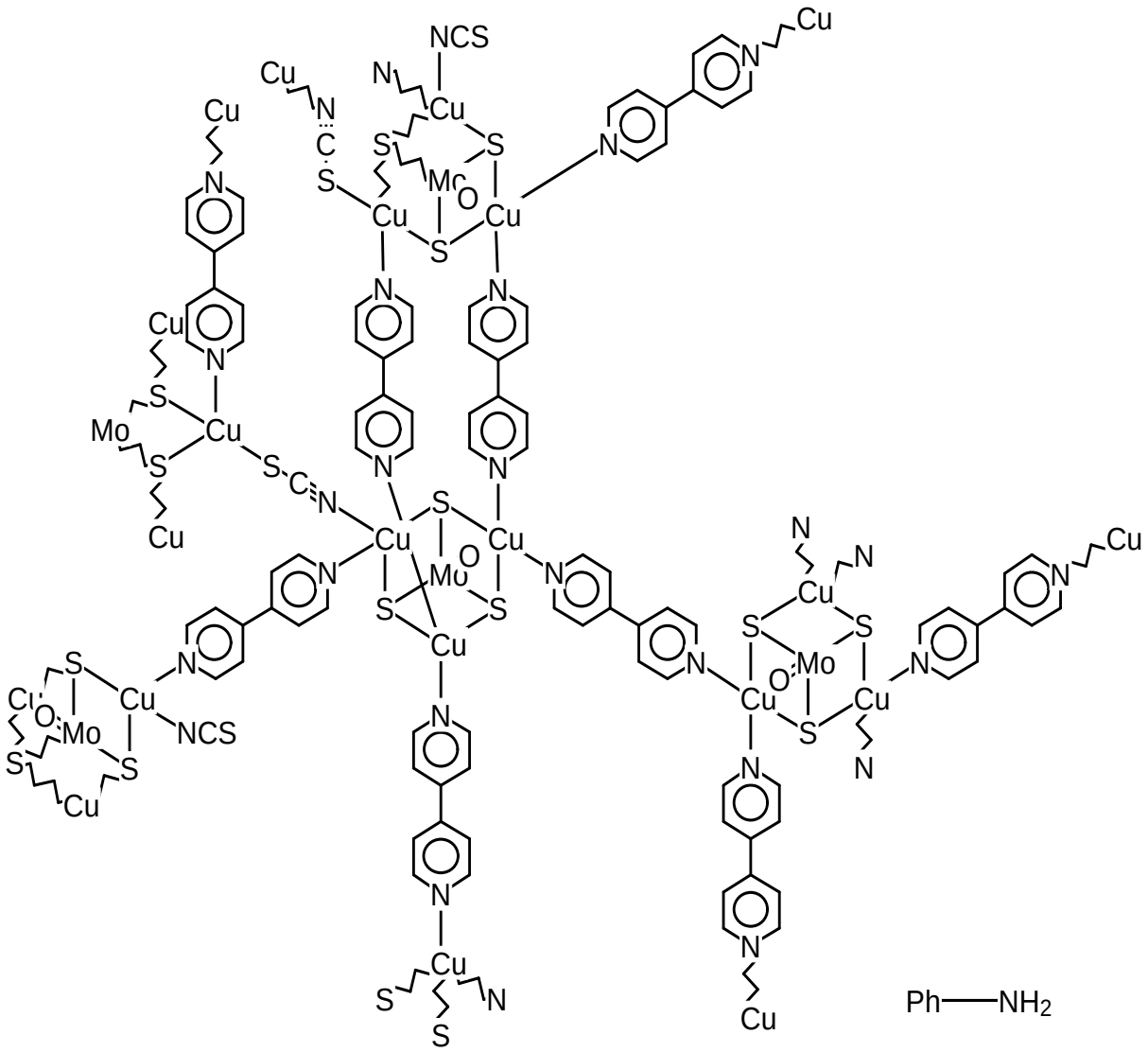
Reference: Jin-Xiang Chen, Xiao-Yan Tang, Yang Chen, Wen-Hua Zhang, Ling-Ling Li, Rong-Xin Yuan, Yong Zhang, Jian-Ping Lang (2009) *Cryst.Growth Des.* ,**9,**1461

Formula: $(C_{94}\ H_{72}\ Cu_{12}\ Mo_4\ N_{22}\ O_4\ S_{16})n,14n(C_6\ H_7\ N_1)$

Compound Name: catena-(dodecakis(μ_3-sulfido)-nonakis(μ_2-4,4'-bipyridine)-bis(μ_2-thiocyanato)-bis(isothiocyanato)-tetraoxo-dodeca-copper-tetra-molybdenum aniline solvate)

Space Group:	P-1	***Cell:***	***a***	17.104(1)	***b***	18.305(1)	***c***	20.236(2)
Space Group No.:	2	***(Å,°)***	α	75.31(1)	β	86.88(1)	γ	67.41(0)

R-Factor (%): 9.97 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.333



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 341

COYFIF

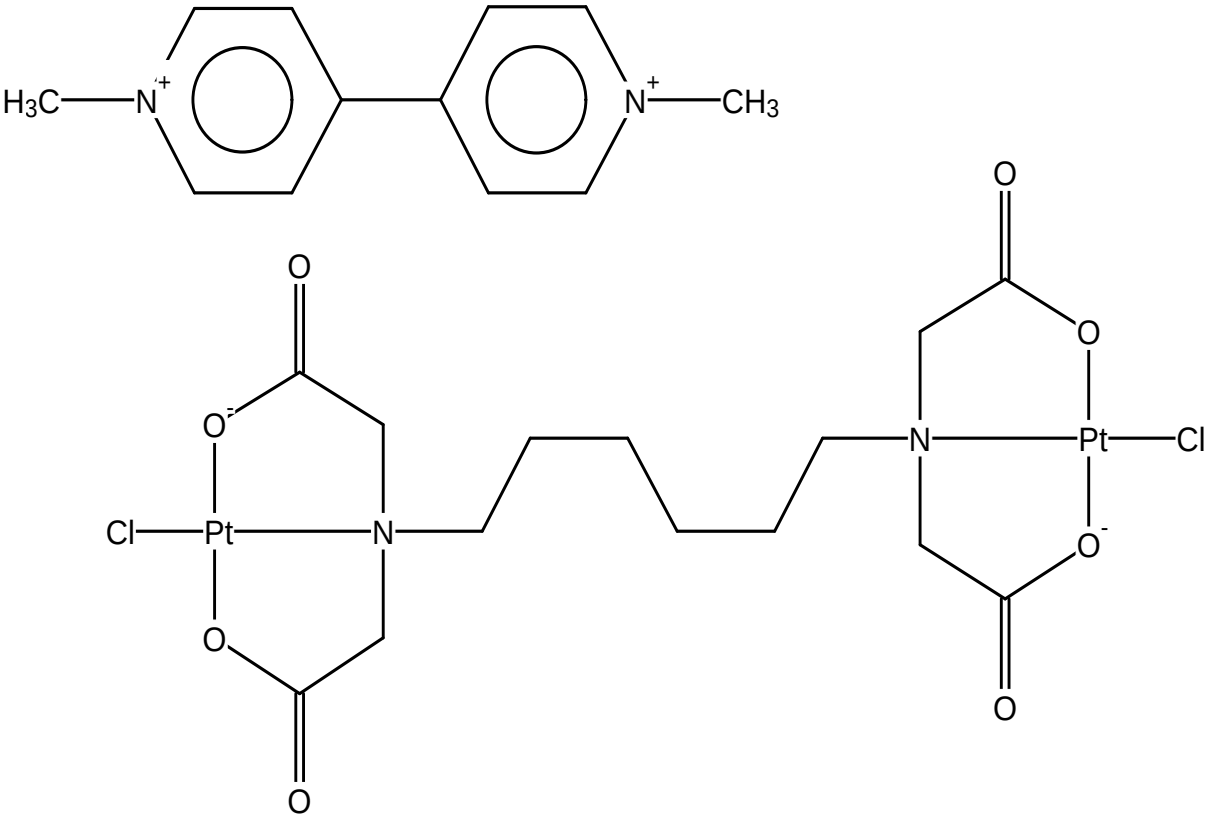
Reference: R.A.Kortes, S.J.Geib, Fu-Tyan Lin, R.E.Shepherd (1999) *Inorg.Chem. ,***38,**5045

Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},C_{14}\ H_{20}\ Cl_2\ N_2\ O_8\ Pt_2\ ^{2-},4(H_2\ O_1)$

Compound Name: (1,1'-Dimethyl-4,4'-bipyridinium)(μ_2-1,6-hexanediamine-N,N,N',N'-tetracetato)-dichloro-di-platinum tetrahydrate

Space Group:	C2/c	***Cell:***	***a***	22.757(5)	***b*** 13.566(3)	***c***	12.120(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.07(3)	γ	90.00

R-Factor (%): 4.40 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.998



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 342

COYKAD

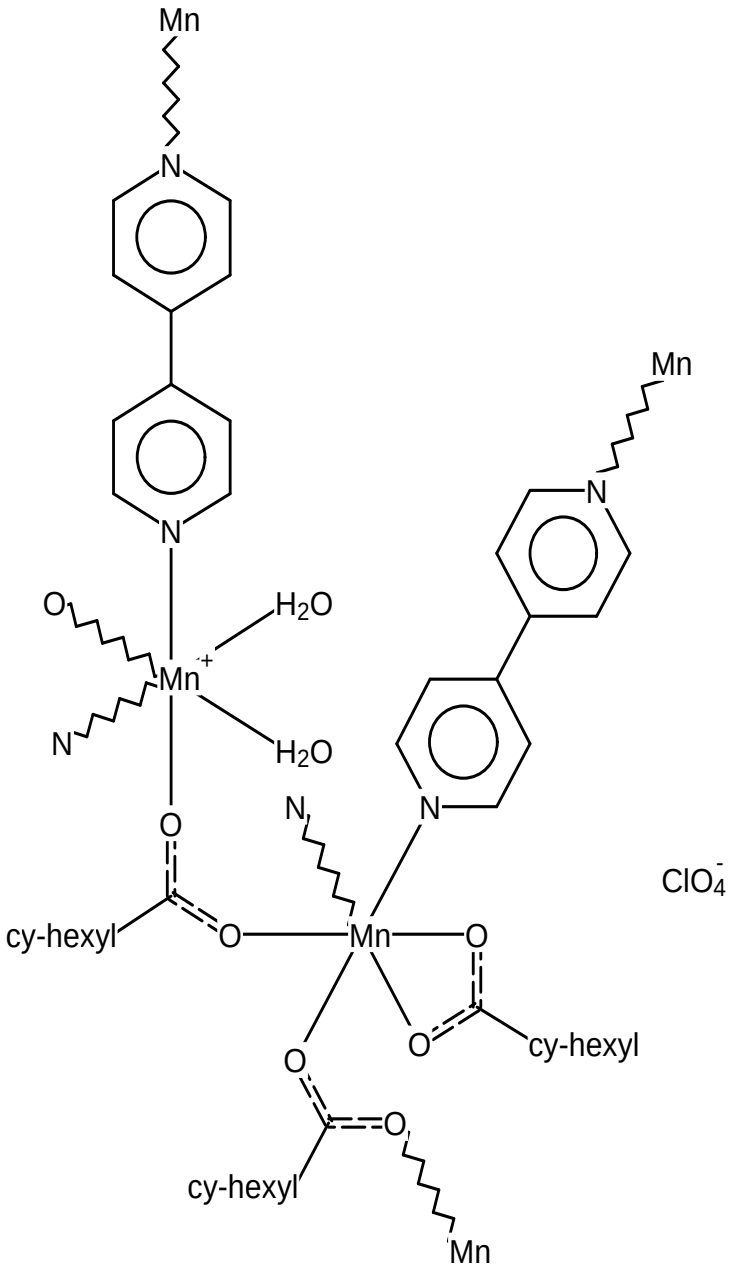
Reference: Jun Wang, Yun-Sheng Ma, Rong-Xin Yuan, Ji-Min Xie
(2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**742

Formula: $(C_{41}\ H_{53}\ Mn_2\ N_4\ O_8\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-cyclohexanecarboxylato-O,O')-diaqua-(cyclohexanecarboxylato-O,O')-di-manganese perchlorate)

Space Group:	P1	***Cell:***	***a***	10.088(2)	***b***	10.863(1)	***c***	11.649(3)
Space Group No.:	1	***(Å,°)***	α	63.02(0)	β	82.00(0)	γ	88.60(0)

R-Factor (%):	6.71	***Temperature(K):***	291	***Density(g/cm^3):***	1.386



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 343

CUDQAU

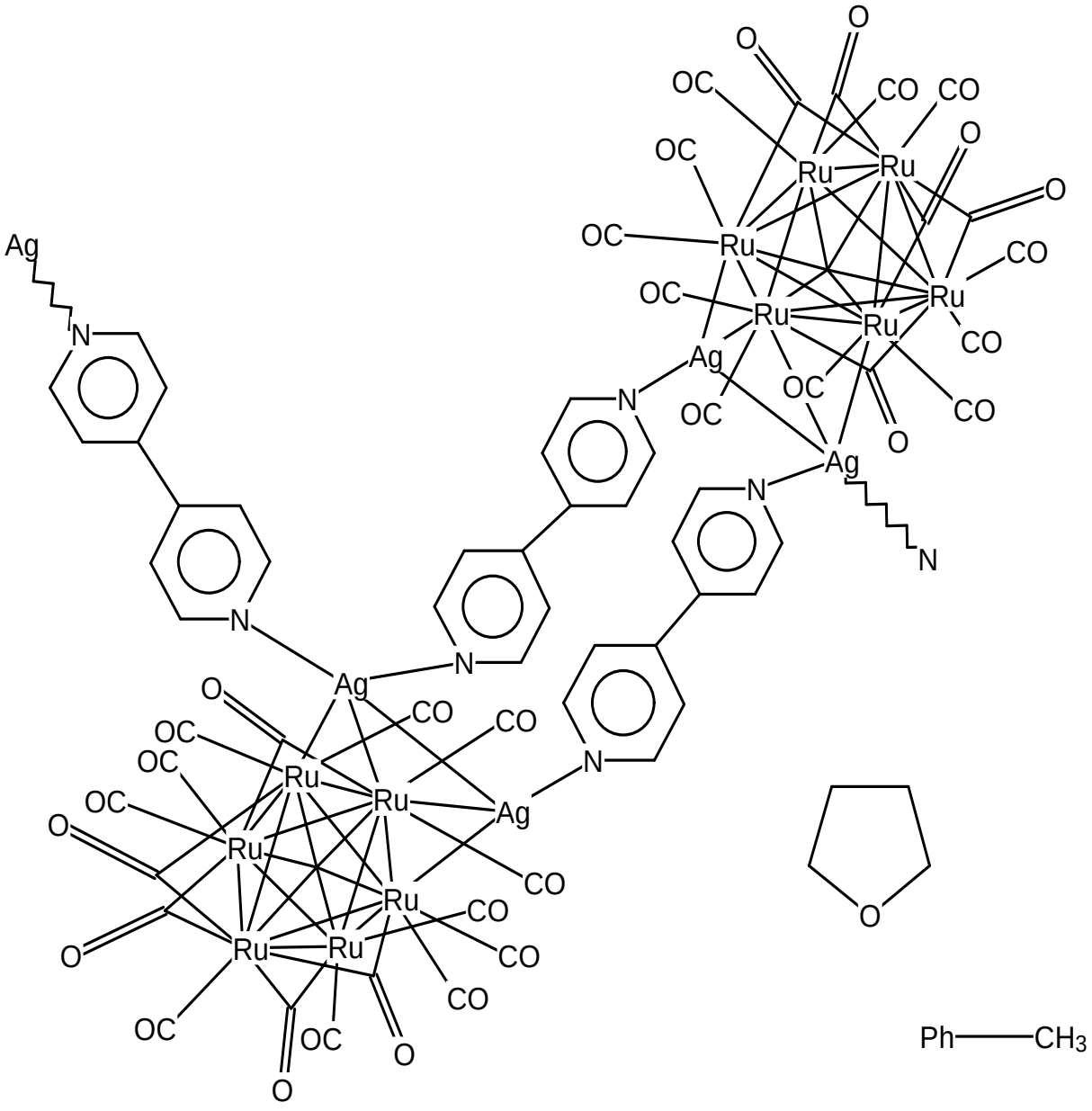
Reference: R.D.Pergola, A.Sironi, C.Manassero, M.Manassero (2009) *Eur.J.Inorg.Chem.* ,4618

Formula: $(C_{64}\ H_{24}\ Ag_4\ N_6\ O_{32}\ Ru_{12})n,2n(C_4\ H_8\ O_1),2n(C_7\ H_8)$

Compound Name: catena-[bis(μ_6-Carbido)-tris(μ_2-4,4'-bipyridine)-decakis(μ_2-carbonyl)-docosacarbonyl-dodeca-ruthenium-tetra-silver bis(toluene) clathrate tetrahydrofuran solvate]

Space Group:	P21/n	***Cell:***	***a***	11.503(0)	***b*** 17.043(1)	***c***	24.774(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.24(0)	γ	90.00

R-Factor (%): 4.40 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.336



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 344

CUHPUR

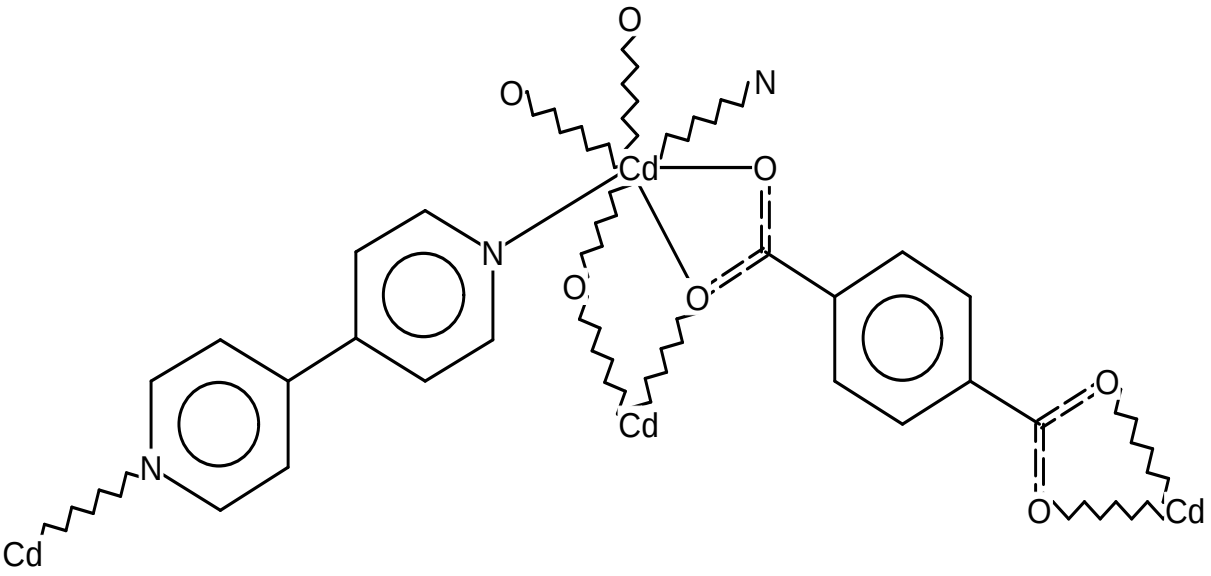
Reference: JianJun Zhang, L.Wojtas, R.W.Larsen, M.Eddaoudi, M.J.Zaworotko (2009) *J.Am.Chem.Soc. ,***131,**17040

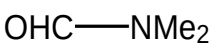
Formula: $(C_{18}\ H_{12}\ Cd_1\ N_2\ O_4)n,3n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-[(μ_3-Benzene-1,4-dicarboxylato-O,O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-cadmium(ii) dimethylformamide solvate monohydrate]

Space Group:	Pbam	***Cell:***	***a***	12.949(0)	***b***	21.290(0)	***c***	11.683(0)
Space Group No.:	55	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.28 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.382





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 345

CUKMOK

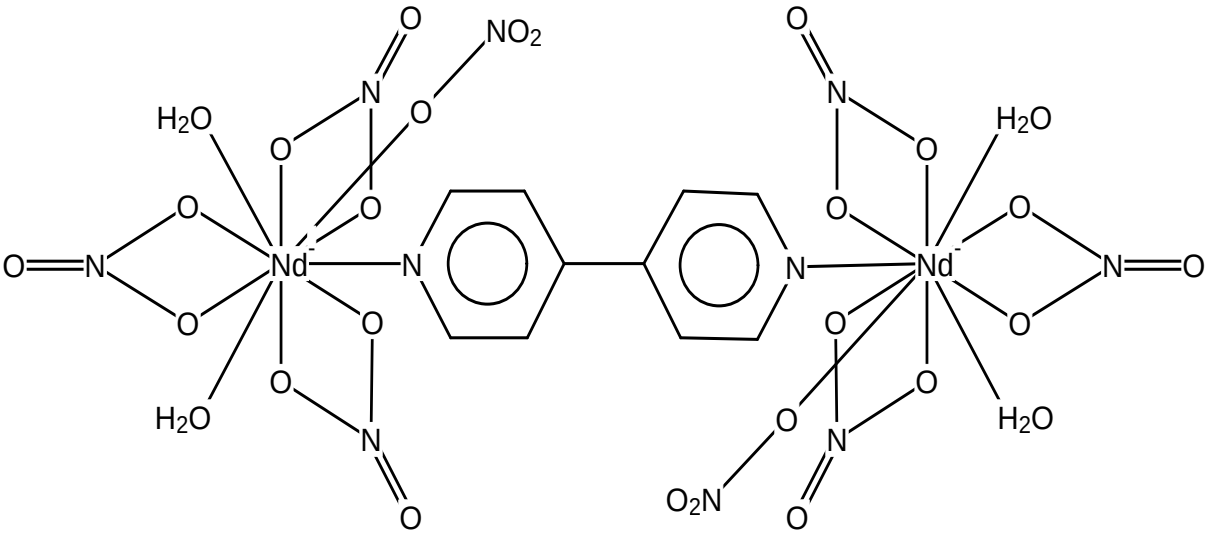
Reference: T.J.R.Weakley (1984) *Inorg.Chim.Acta* ,**95,**317

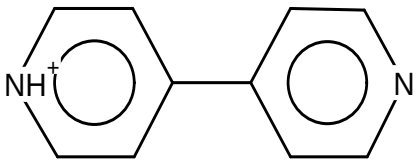
Formula: $C_{10}\,H_{16}\,N_{10}\,Nd_2\,O_{28}\,^{2-}$,2($C_{10}\,H_9\,N_2\,^{1+}$),3($C_{10}\,H_8\,N_2$)

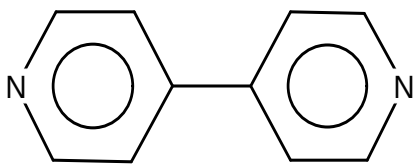
Compound Name: bis(4,4'-Bipyridinium) (μ_2-4,4'-bipyridine)-bis(diaqua-tris(nitrato-O,O')-(nitrato-O)-neodymium(iii)) tris(4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	18.723(10)	***b***	10.720(6)	***c***	18.027(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.43(5)	γ	90.00

R-Factor (%): 6.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.653







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 346

CUKMUQ

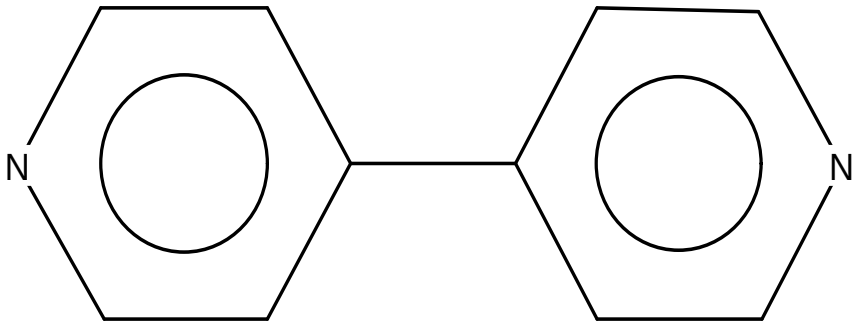
Reference: T.J.R.Weakley (1984) *Inorg.Chim.Acta* ,**95,**317

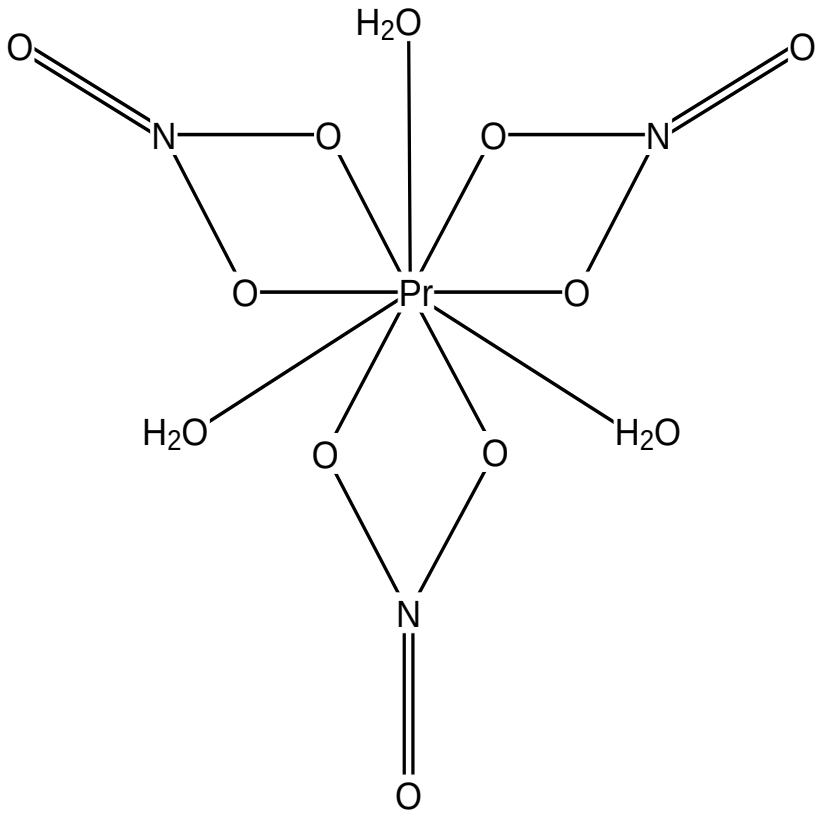
Formula: $2(C_{10}\ H_8\ N_2),H_6\ N_3\ O_{12}\ Pr_1$

Compound Name: Triaqua-tris(nitrato-O,O')-praseodymium(iii) bis(4,4'-bipyridine)

Space Group:	P21ma	***Cell:***	***a***	16.119(12)	***b***	24.820(20)	***c***	7.142(3)
Space Group No.:	26	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.612





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 347

CUKVUA

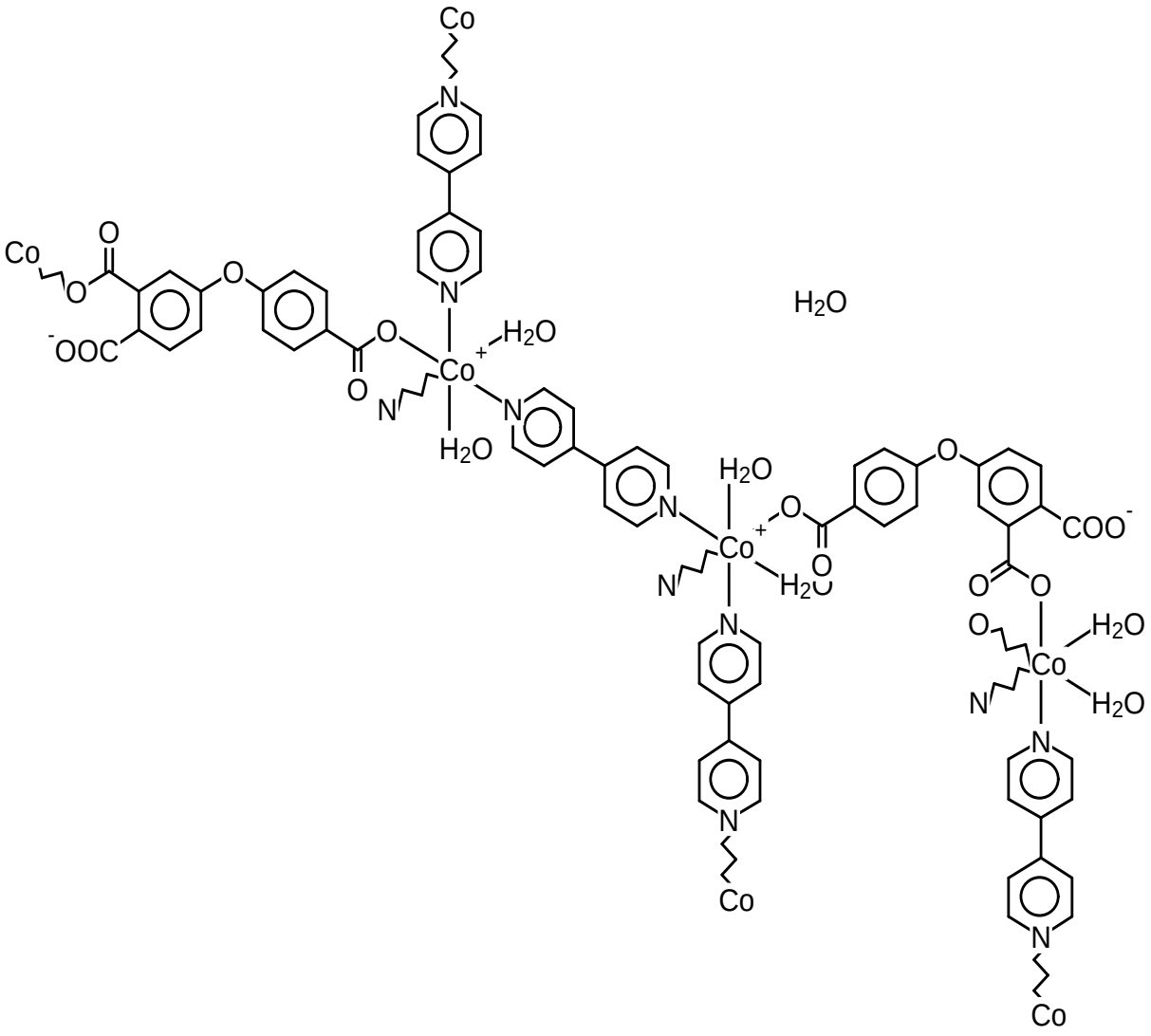
Reference: Hailong Wang, Daopeng Zhang, Daofeng Sun, Yuting Chen, Li-Fang Zhang, Laijin Tian, Jianzhuang Jiang, Zhong-Hai Ni (2009) *Cryst.Growth Des. ,***9,**5273

Formula: $(C_{70}\ H_{58}\ Co_3\ N_8\ O_{20})n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4-(4-carboxyphenoxy)phthalato)-tetrakis(μ_2-4,4'-bipyridine)-hexa-aqua-tri-cobalt(ii) hexahydrate)

Space Group:	P-1	***Cell:***	***a***	9.352(0)	***b*** 11.347(1)	***c***	18.808(1)
Space Group No.:	2	***(Å,°)***	α	79.46(0)	β 79.46(0)	γ	66.51(0)

R-Factor (%): 4.87 ***Temperature(K):*** 298 ***Density(g/cm3):*** 1.502



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 348

CUKWAH

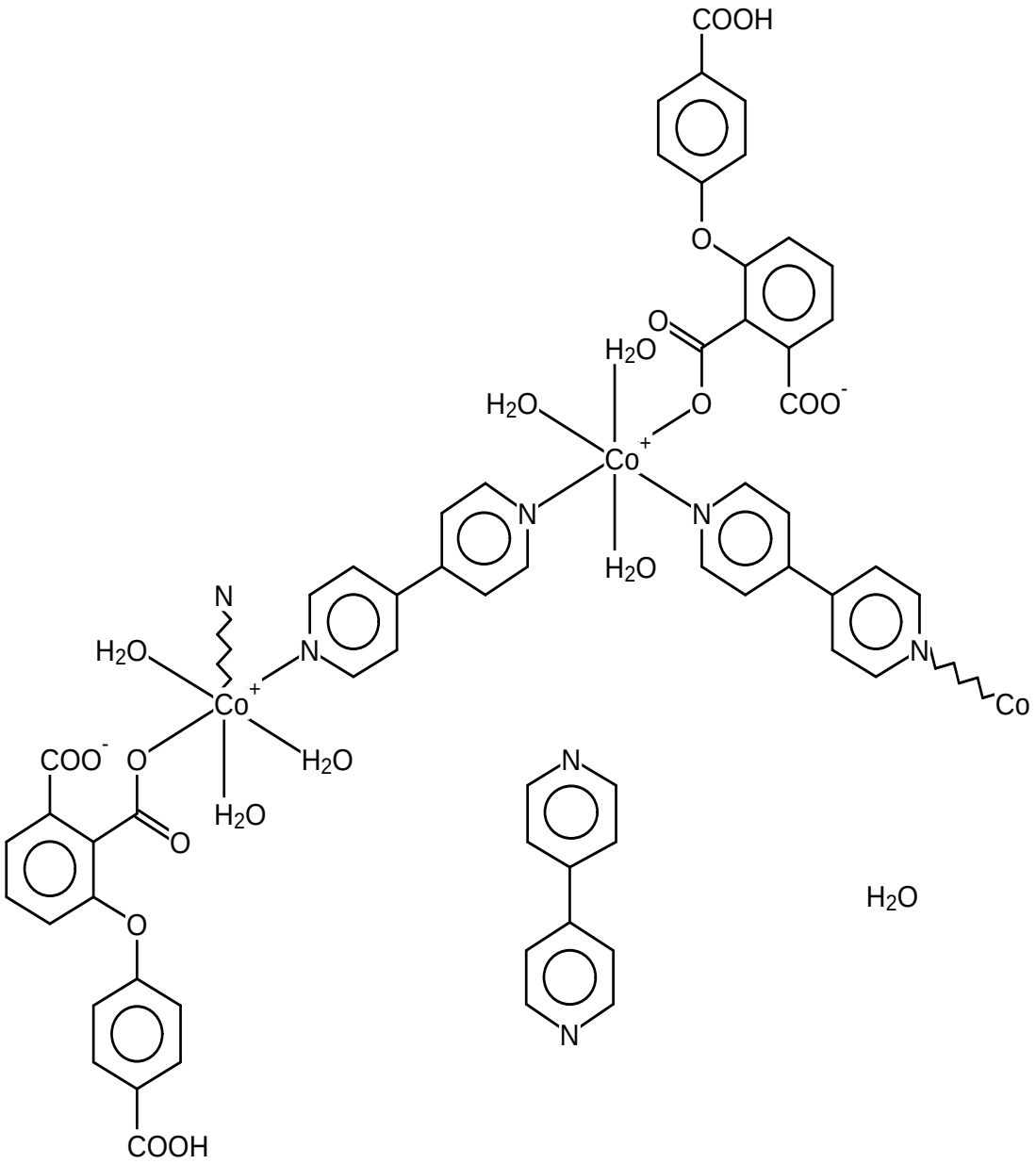
Reference: Hailong Wang, Daopeng Zhang, Daofeng Sun, Yuting Chen, Li-Fang Zhang, Laijin Tian, Jianzhuang Jiang, Zhong-Hai Ni (2009) *Cryst.Growth Des. ,***9,**5273

Formula: $(C_{50}\ H_{44}\ Co_2\ N_4\ O_{20})n,2n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_2$-4,4'-bipyridine)-hexa-aqua-bis(3-(4-carboxyphenoxy) phthalato)-di-cobalt(ii) bis(4,4'-bipyridine) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	10.767(1)	***b***	11.715(1)	***c*** 14.453(1)
Space Group No.:	2	***(Å,°)***	α	110.27(0)	β	94.10(0)	γ 95.00(0)

R-Factor (%): 3.27 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.494



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 349

CUKWEL

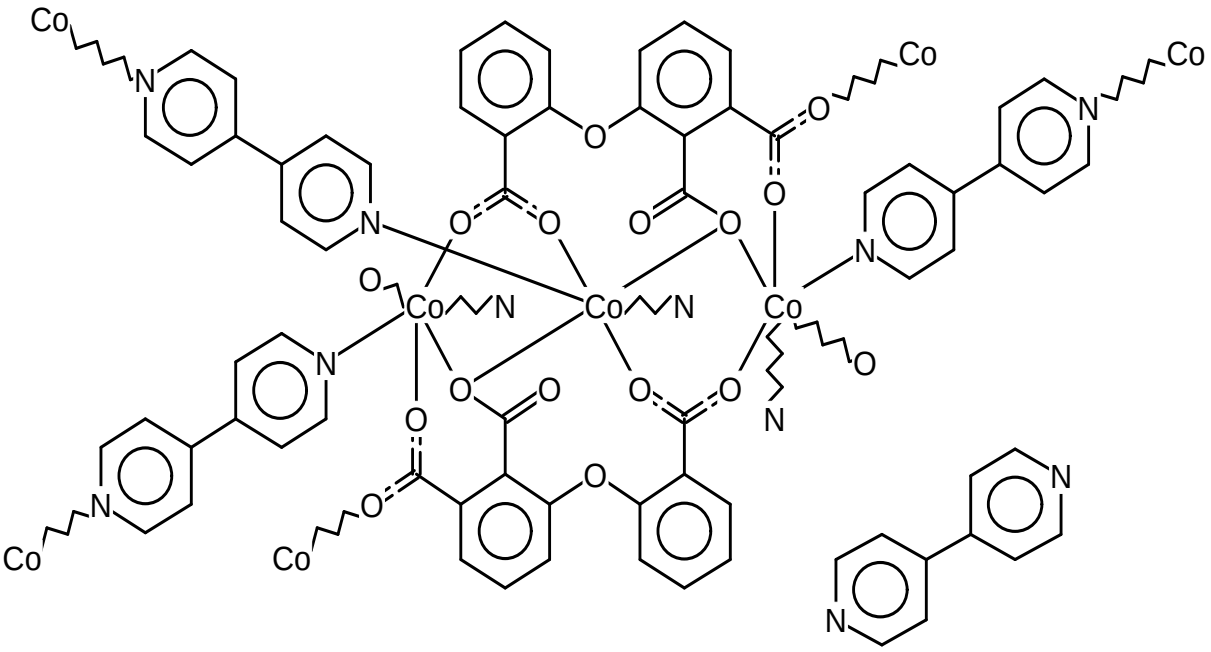
Reference: Hailong Wang, Daopeng Zhang, Daofeng Sun, Yuting Chen, Li-Fang Zhang, Laijin Tian, Jianzhuang Jiang, Zhong-Hai Ni (2009) *Cryst.Growth Des. ,***9,**5273

Formula: $(C_{60}\ H_{38}\ Co_3\ N_6\ O_{14})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-3-(2-carboxyphenoxy)phthalato)-tris(μ_2-4,4'-bipyridine)-tri-cobalt(ii) 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	11.476(1)	***b***	11.587(1)	***c*** 11.942(1)
Space Group No.:	2	***(Å,°)***	α	86.53(0)	β	76.53(0)	γ 69.58(0)

R-Factor (%): 3.65 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.607


Co
N
O
Co
N
O
Co
N
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 350

CUKWIP

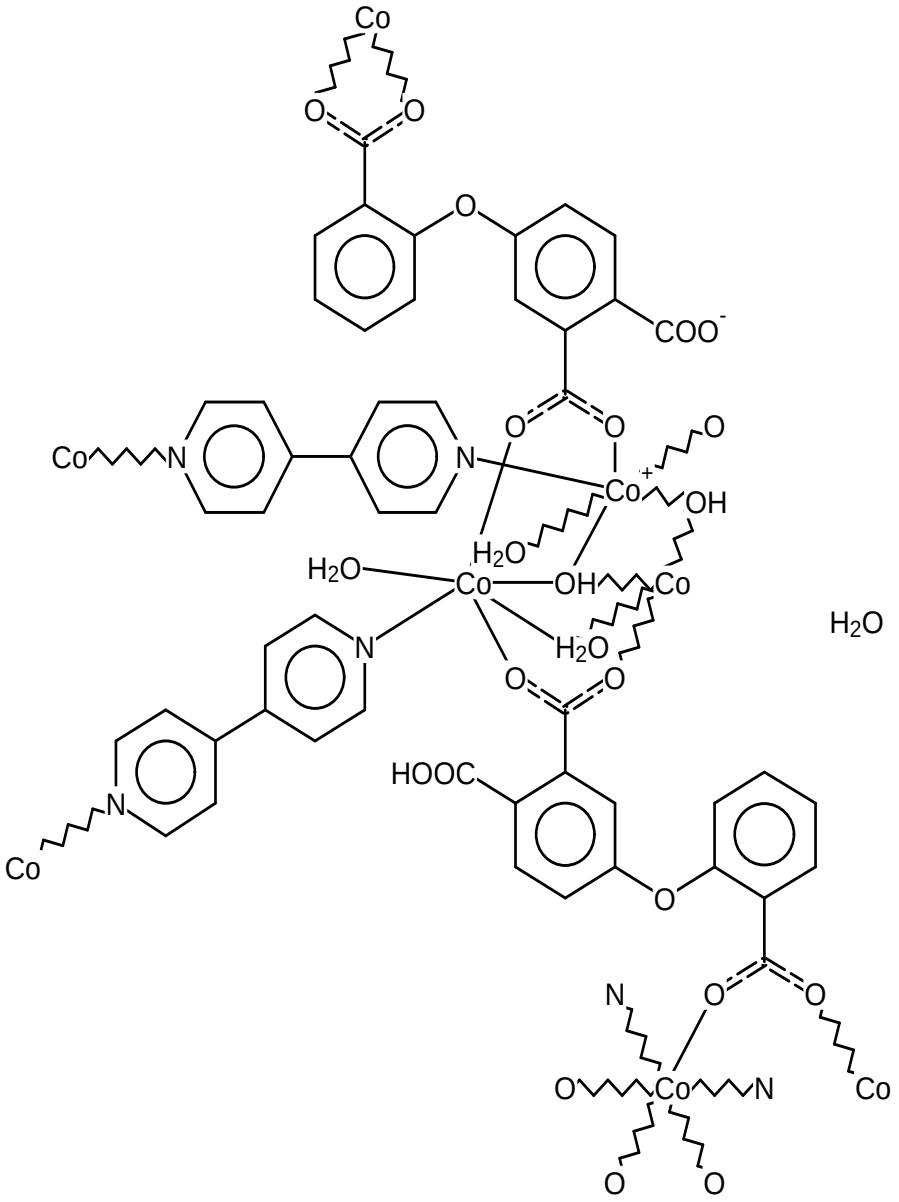
Reference: Hailong Wang, Daopeng Zhang, Daofeng Sun, Yuting Chen, Li-Fang Zhang, Laijin Tian, Jianzhuang Jiang, Zhong-Hai Ni (2009) *Cryst.Growth Des. ,***9,**5273

Formula: $(C_{50}\ H_{36}\ Co_3\ N_4\ O_{17})n,2.5n(H_2\ O_1)$

Compound Name: catena-((μ_4-2-carboxy-5-(2-carboxyphenoxy)benzoato)-(μ_3-4-(2-carboxyphenoxy)phthalato)-(μ_3-hydroxo)-bis(μ_4-4,4'-bipyridine)-(μ_2-aqua)-aqua-tri-cobalt(ii) hydrate)

Space Group:	P-1	***Cell:***	***a***	10.751(0)	***b***	12.828(0)	***c*** 19.623(1)
Space Group No.:	2	***(Å,°)***	α	106.00(0)	β	94.87(0)	γ 107.69(0)

R-Factor (%): 4.65 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.618



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 351

CUKYIR

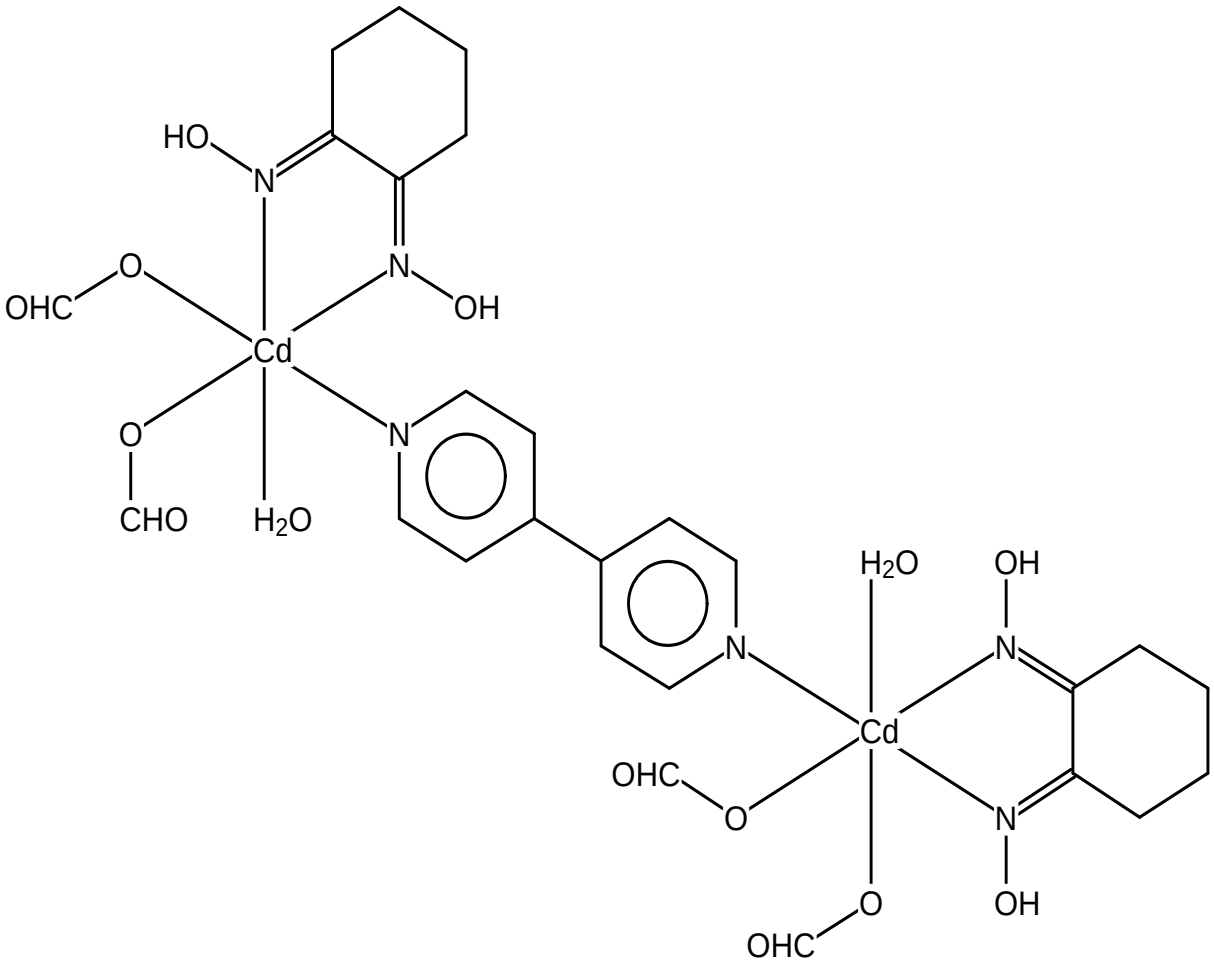
Reference: L.Croitor, E.B.Coropceanu, E.Jeanneau, I.V.Dementiev, T.I.Goglidze, Y.M.Chumakov, M.S.Fonari (2009) *Cryst.Growth Des.* ,**9,** 5233

Formula: $C_{26}\ H_{36}\ Cd_2\ N_6\ O_{14}$

Compound Name: (μ_2-4,4'-bipyridine)-diaqua-tetrakis(formato)-bis(cyclohexane-1,2-dione dioxime)-di-cadmium(ii)

Space Group:	P21/c	***Cell:***	***a***	8.591(1)	***b*** 19.151(4)	***c***	11.197(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.09(3)	γ	90.00

R-Factor (%): 4.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.662



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 352

CUKYOX

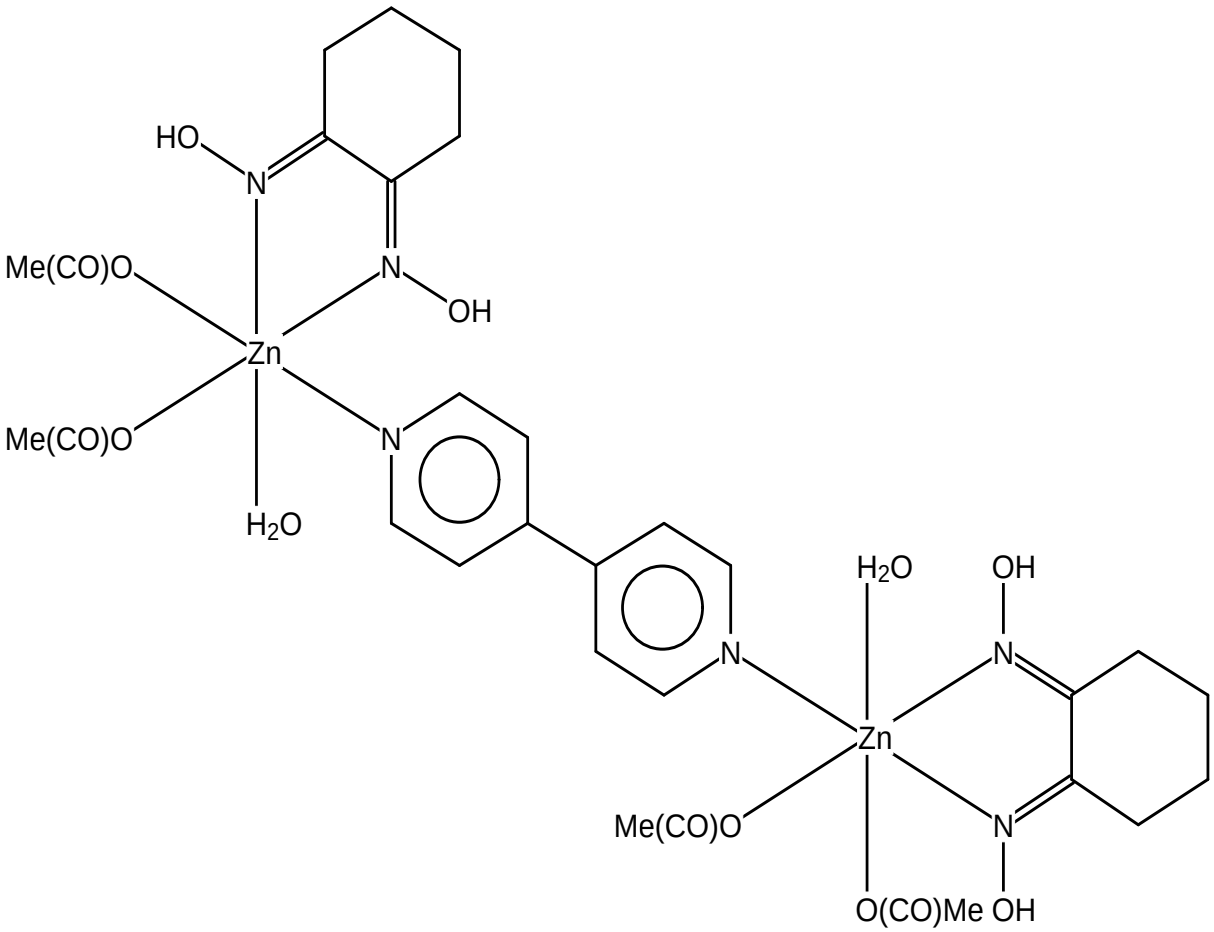
Reference: L.Croitor, E.B.Coropceanu, E.Jeanneau, I.V.Dementiev, T.I.Goglidze, Y.M.Chumakov, M.S.Fonari (2009) *Cryst.Growth Des.* ,**9,** 5233

Formula: $C_{30}\,H_{44}\,N_6\,O_{14}\,Zn_2$

Compound Name: (μ_2-4,4'-bipyridine)-diaqua-tetrakis(acetato)-bis(cyclohexane-1,2-dione dioxime)-di-zinc(ii)

Space Group:	C2/m	***Cell:***	***a***	20.739(1)	***b*** 11.171(0)	***c***	8.496(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 110.83(0)	γ	90.00

R-Factor (%): 4.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 353

CUKYUD

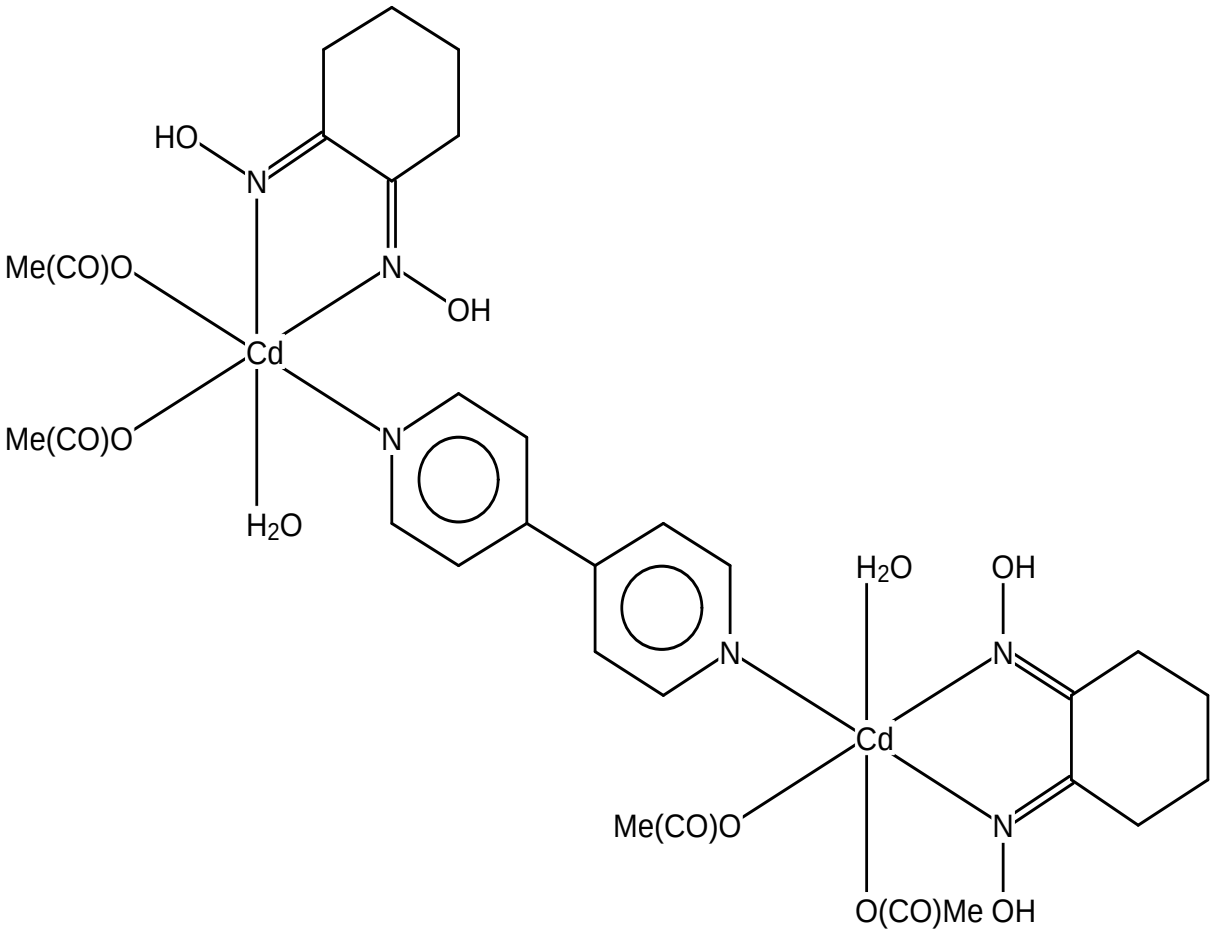
Reference: L.Croitor, E.B.Coropceanu, E.Jeanneau, I.V.Dementiev, T.I.Goglidze, Y.M.Chumakov, M.S.Fonari (2009) *Cryst.Growth Des.* ,**9,** 5233

Formula: $C_{30}\ H_{44}\ Cd_2\ N_6\ O_{14}$

Compound Name: (μ_2-4,4'-bipyridine)-diaqua-tetrakis(acetato)-bis(cyclohexane-1,2-dione dioxime)-di-cadmium(ii)

Space Group:	C2/m	***Cell:***	***a***	21.723(4)	***b*** 11.121(2)	***c***	8.545(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 112.03(3)	γ	90.00

R-Factor (%): 4.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.627



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 354

CUKZAK

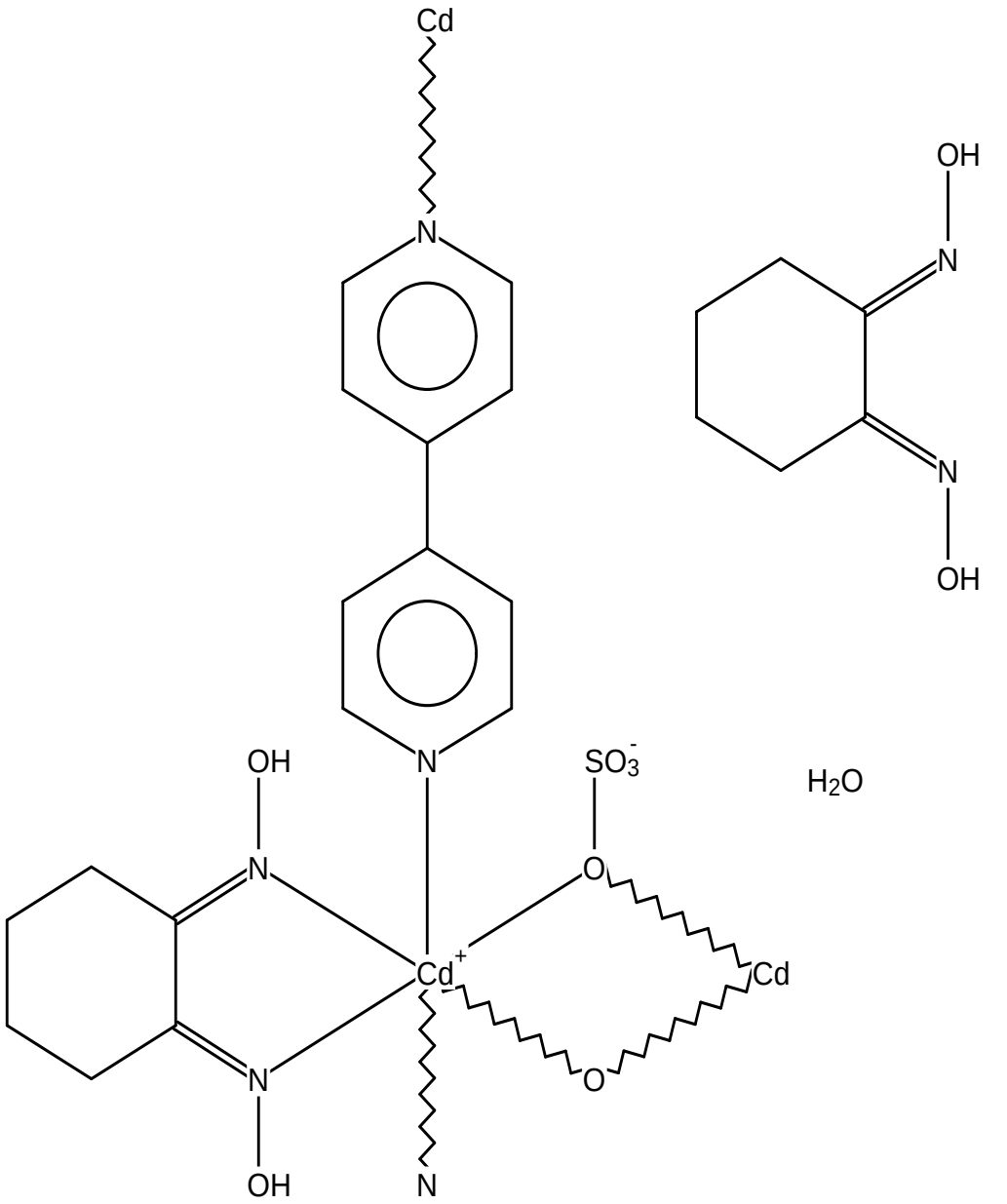
Reference: L.Croitor, E.B.Coropceanu, E.Jeanneau, I.V.Dementiev, T.I.Goglidze, Y.M.Chumakov, M.S.Fonari (2009) *Cryst.Growth Des.* ,**9,** 5233

Formula: $(C_{16}\ H_{18}\ Cd_1\ N_4\ O_6\ S_1)n,n(C_6\ H_{10}\ N_2\ O_2),3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-(μ_2-sulfato)-(cyclohexane-1,2-dione dioxime)-cadmium(ii) cyclohexane-1,2-dione dioxime trihydrate)

Space Group:	P-1	***Cell:***	***a***	10.144(2)	***b***	11.814(2)	***c*** 12.423(3)
Space Group No.:	2	***(Å,°)***	α	108.23(3)	β	93.23(3)	γ 90.65(3)

R-Factor (%): 7.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.654



Search: search1 (Thu May 26 10:05:42 2011): Hit 355

CUKZEO

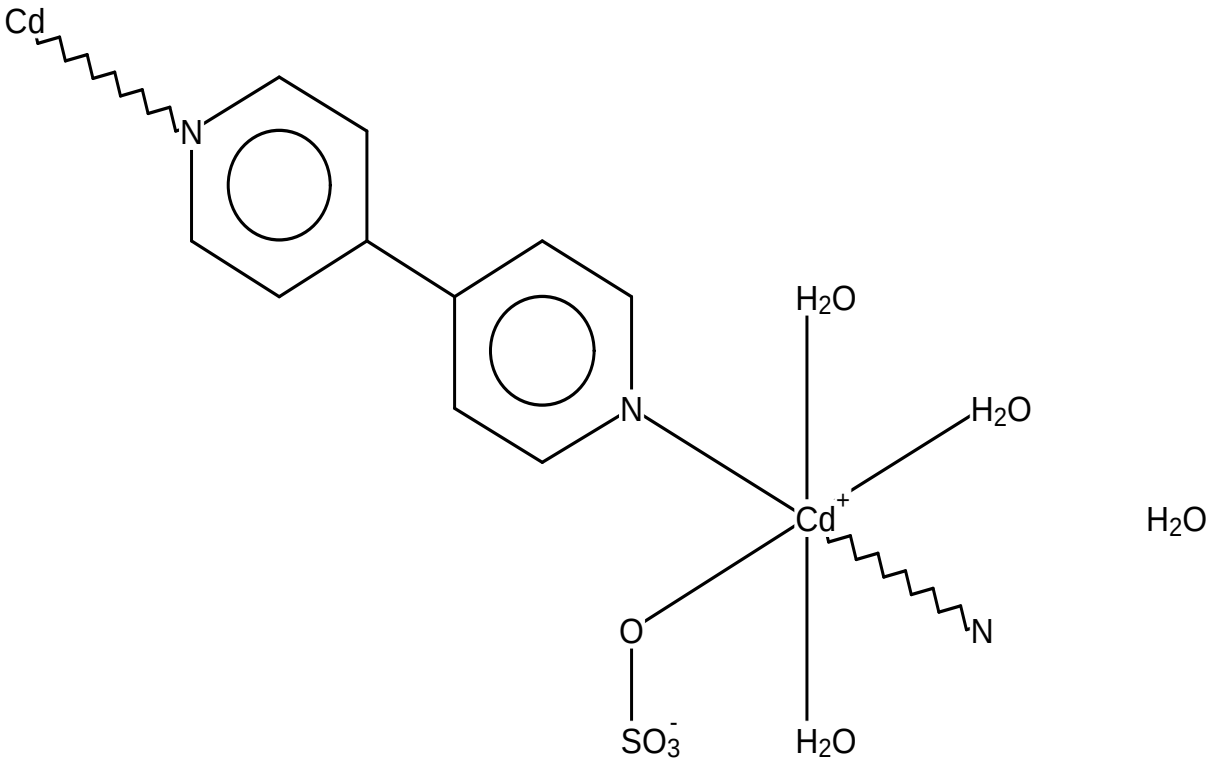
Reference: L.Croitor, E.B.Coropceanu, E.Jeanneau, I.V.Dementiev, T.I.Goglidze, Y.M.Chumakov, M.S.Fonari (2009) *Cryst.Growth Des.* ,**9,** 5233

Formula: $(C_{10}\ H_{14}\ Cd_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-triaqua-(sulfato)-cadmium dihydrate)

Space Group:	P61	***Cell:***	***a***	11.660(0)	***b***	11.660(0)	***c*** 20.813(2)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.849



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 356

CUMQOQ

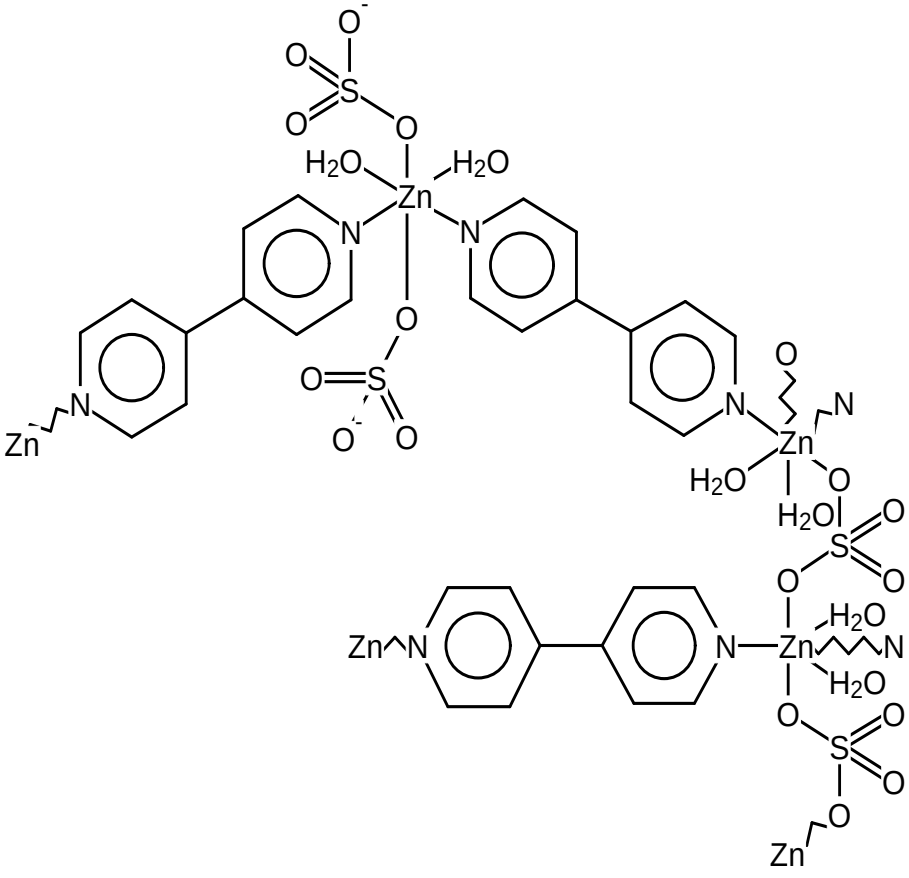
Reference: Ming-Liang Tong, Xiao-Ming Chen (2000)
CrystEngComm ,**2,**1

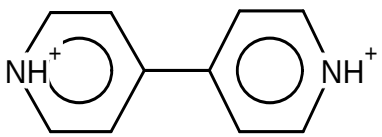
Formula: $(C_{30}\ H_{36}\ N_6\ O_{22}\ S_4\ Zn_3\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),10n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium tris(μ_2-4,4'-bipyridine)-bis(μ_2-sulfato)-hexa-aqua-disulfato-tri-zinc decahydrate)

Space Group:	P-1	***Cell:***	***a***	11.491(2)	***b***	12.094(2)	***c***	12.620(3)
Space Group No.:	2	***(Å,°)***	α	69.61(3)	β	64.15(3)	γ	72.46(3)

R-Factor (%): 6.41 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.705





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 357

CUMQUW

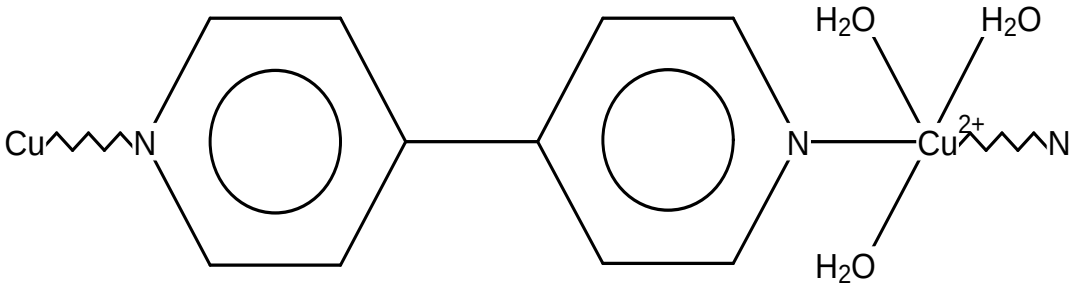
Reference: Ming-Liang Tong, Xiao-Ming Chen (2000)
CrystEngComm ,**2,**1

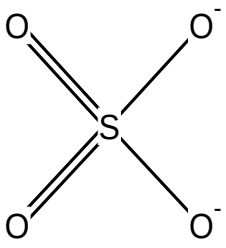
Formula: $(C_{10}\ H_{14}\ Cu_1\ N_2\ O_3\ ^{2+})n,n(O_4\ S_1\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-triaqua-copper sulfate dihydrate)

Space Group:	Cc	***Cell:***	***a***	10.189(10)	***b***	19.760(18)	***c*** 7.455(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	100.36	γ 90.00

R-Factor (%): 4.19 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.826





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 358

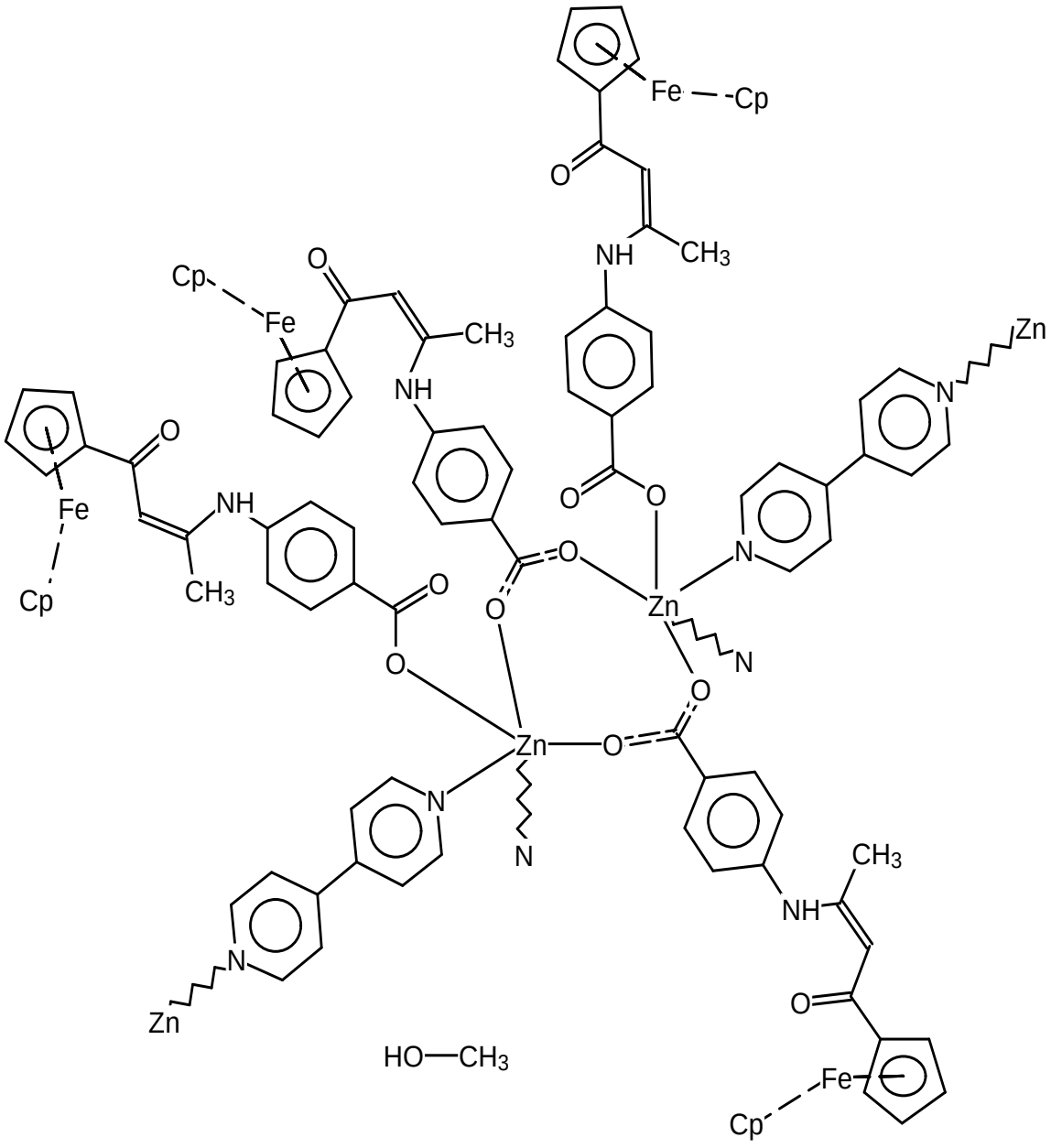
CUMREI

Reference: Lin Liu, Zifeng Li, Baolan Wang, Gang Li, Lipeng Wang, Xiangru Meng, Zhanhang He (2009) *Cryst.Growth Des.* ,**9,**5244

Formula: $(C_{104}\ H_{88}\ Fe_4\ N_8\ O_{12}\ Zn_2)n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-bis(μ_2-3-(4-carboxylphenylamino)-1-ferrocenyl-2-butylen-1-one)-bis(3-(4-carboxylphenylamino)-1-ferrocenyl-2-butylen-1-one)-di-zinc methanol solvate)

Space Group:	P-1	***Cell:***	***a*** 11.438(1)	***b*** 13.360(1)	***c*** 17.590(3)
Space Group No.:	2	***(Å,°)***	α 106.34(0)	β 106.09(0)	γ 102.07(0)
R-Factor (%):	4.79	***Temperature(K):***	291	***Density(g/cm^3):***	1.453



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 359

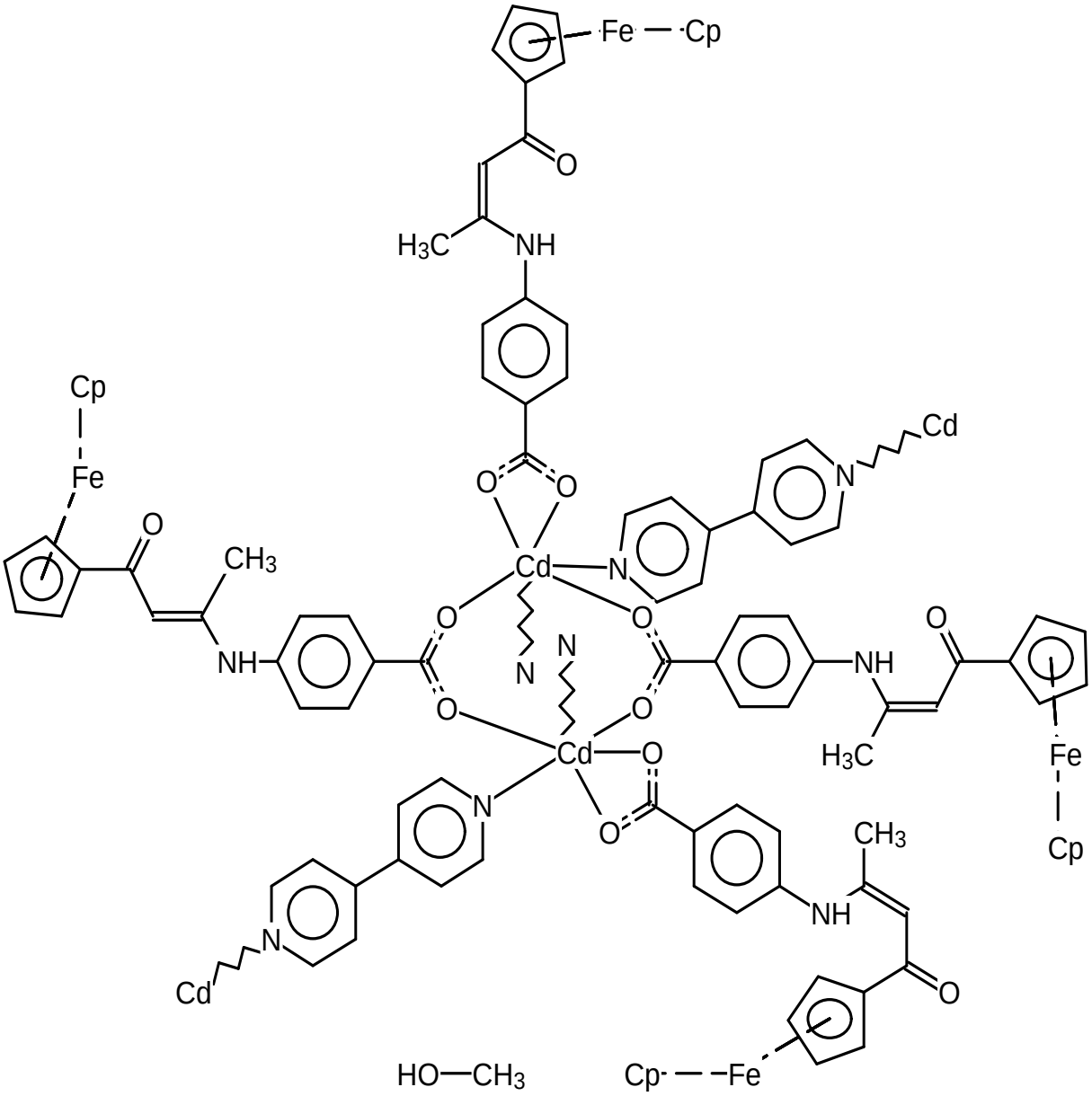
CUMRIM

Reference: Lin Liu, Zifeng Li, Baolan Wang, Gang Li, Lipeng Wang, Xiangru Meng, Zhanhang He (2009) *Cryst.Growth Des.* ,**9,**5244

Formula: $(C_{104}\ H_{88}\ Cd_2\ Fe_4\ N_8\ O_{12})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-bis(μ_2-3-(4-carboxylphenylamino)-1-ferrocenyl-2-butylen-1-one)-bis(3-(4-carboxylphenylamino)-1-ferrocenyl-2-butylen-1-one)-di-cadmium methanol solvate)

Space Group:	P-1	***Cell:***	***a*** 11.752(6)	***b*** 13.457(7)	***c*** 17.688(13)
Space Group No.:	2	***(Å,°)***	α 108.22(0)	β 103.07(0)	γ 102.82(0)
R-Factor (%):	10.98	***Temperature(K):***	291	***Density(g/cm^3):***	1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 360

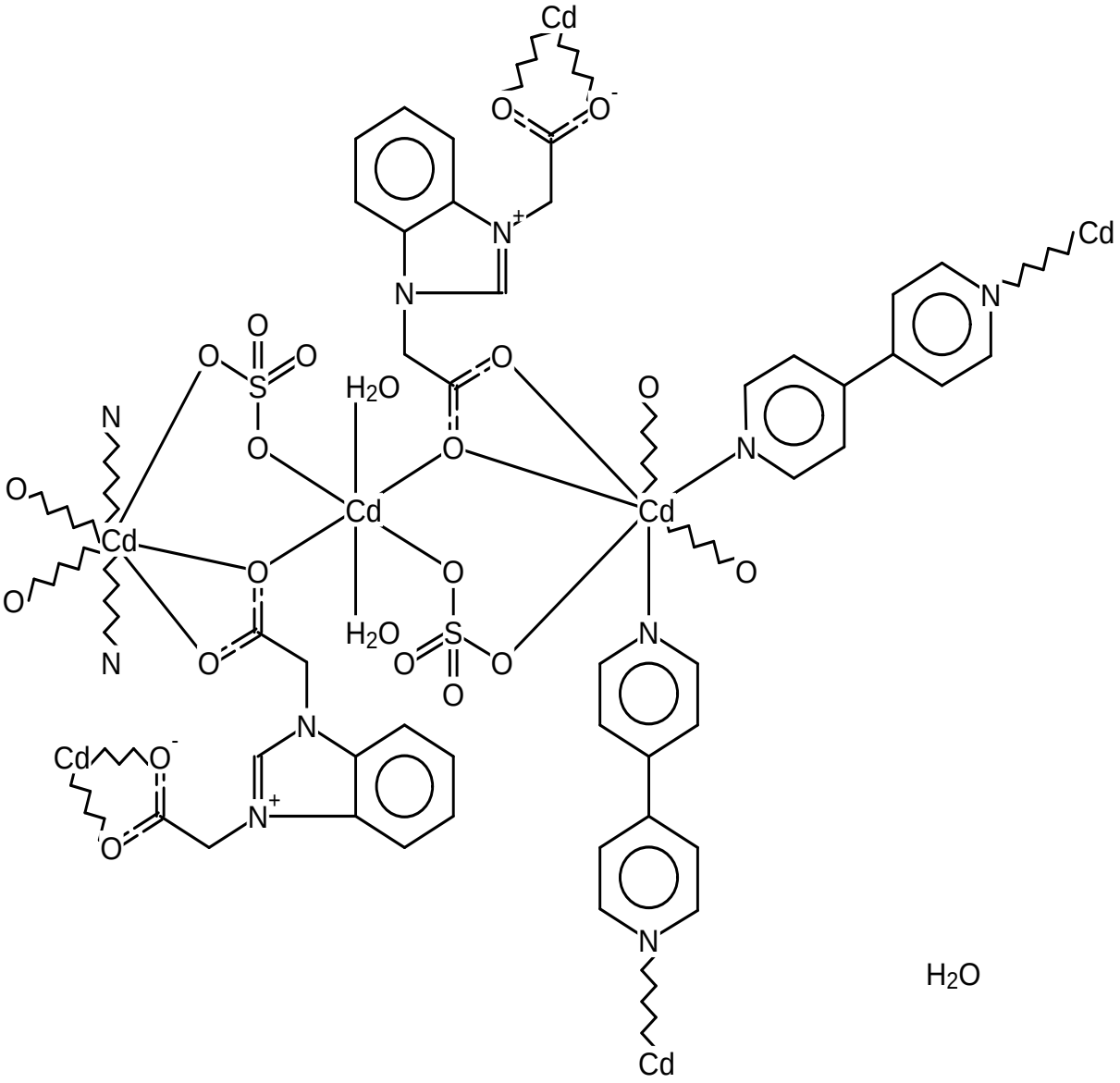
CUMROS

Reference: Lin Liu, Zifeng Li, Baolan Wang, Gang Li, Lipeng Wang, Xiangru Meng, Zhanhang He (2009) *Cryst.Growth Des.* ,**9,**5244

Formula: $(C_{42}\ H_{38}\ Cd_3\ N_8\ O_{18}\ S_2)n,10n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-1,3-bis(carboxymethyl)-1H-3,1-benzimidazol-3-ium)-bis(μ_2-4,4'-bipyridine)-bis(μ_2-sulfato)-diaqua-tri-cadmium decahydrate)

Space Group:	P21/n	***Cell:***	***a***	12.317(3)	***b***	14.720(3)	***c*** 16.784(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	105.89(3)	γ 90.00
R-Factor (%):	3.25	***Temperature(K):***	293	***Density(g/cm^3):***	1.730		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 361

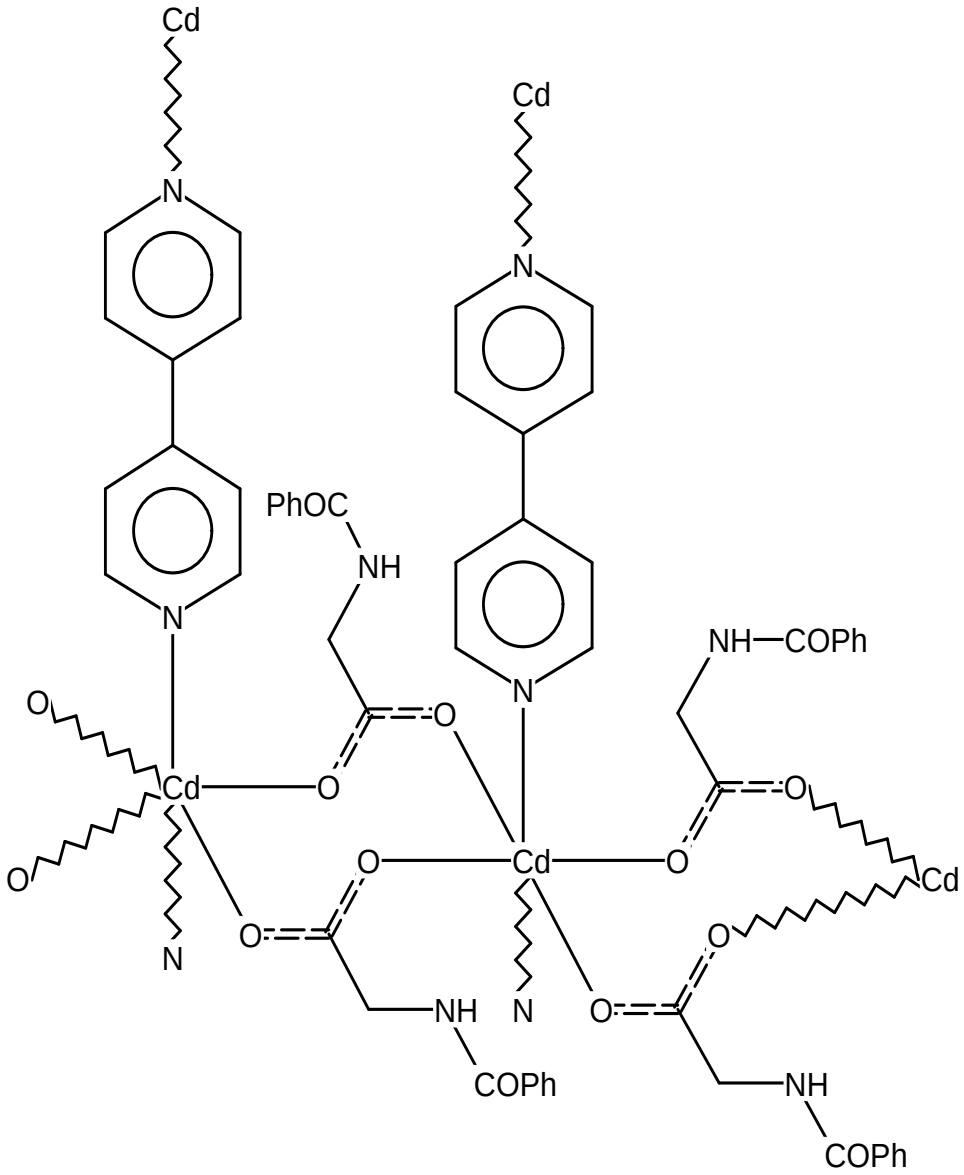
CUMRUY

Reference: L.Liu, Z.Li, B.Wang, Gang Li, Lipeng Wang, X.Meng, Z.He (2009) *Cryst.Growth Des.* ,**9,**5244

Formula: $(C_{56}\ H_{48}\ Cd_2\ N_8\ O_{12})n,4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-N-Benzoylglycinato)-bis(μ_2-4,4'-bipyridine)-di-cadmium tetrahydrate)

Space Group:	P1	***Cell:***	***a***	9.417(1)	***b***	11.557(2)	***c*** 12.647(3)
Space Group No.:	1	***(Å,°)***	α	112.89(3)	β	106.86(3)	γ 90.30(3)
R-Factor (%):	3.14	***Temperature(K):***	293	***Density(g/cm^3):***	1.825		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 362

CUMSAF

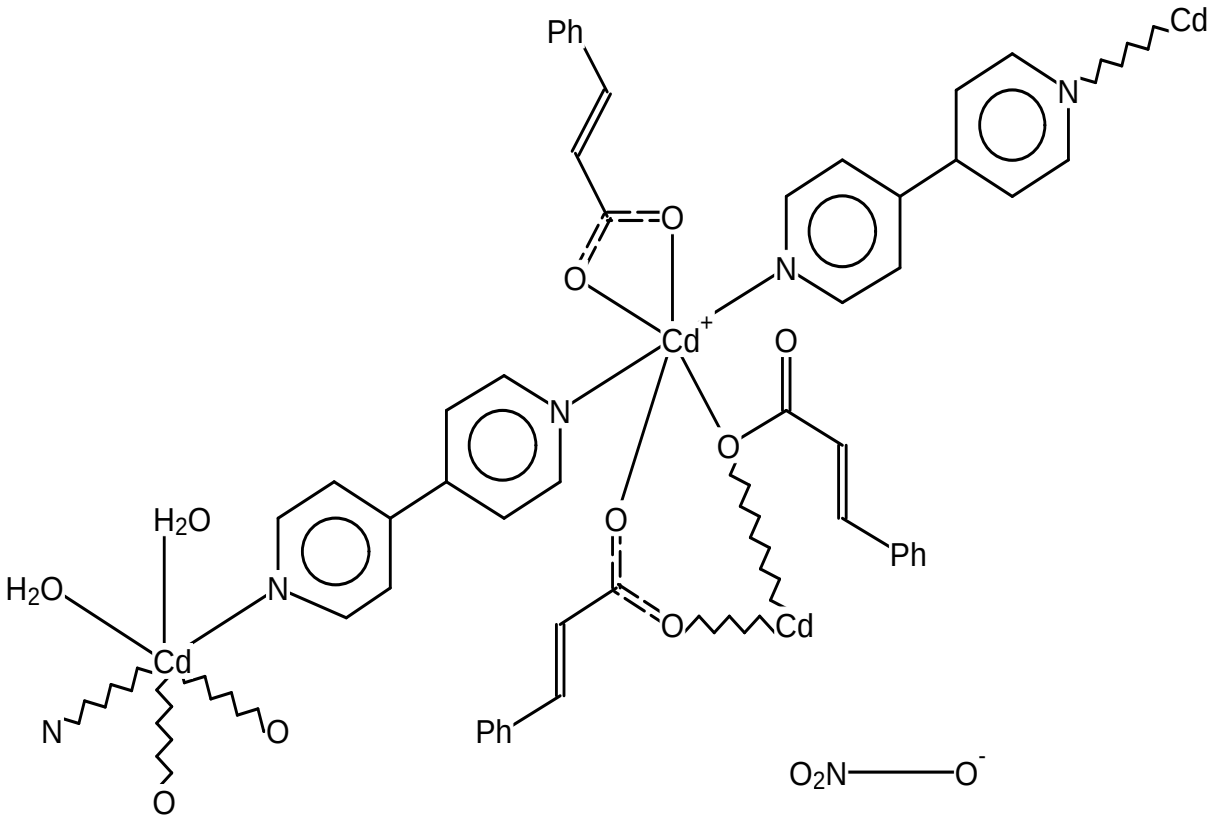
Reference: Lin Liu, Zifeng Li, Baolan Wang, Gang Li, Lipeng Wang, Xiangru Meng, Zhanhang He (2009) *Cryst.Growth Des.* ,**9,**5244

Formula: $(C_{47}\ H_{41}\ Cd_2\ N_4\ O_8\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-bis(μ_2-3-phenylacrylato)-(phenylacrylato)-diaqua-cadmium nitrate)

Space Group:	P21/n	***Cell:***	***a***	14.510(3)	***b*** 18.438(4)	***c***	18.273(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.02(3)	γ	90.00

R-Factor (%): 4.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.589



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 363

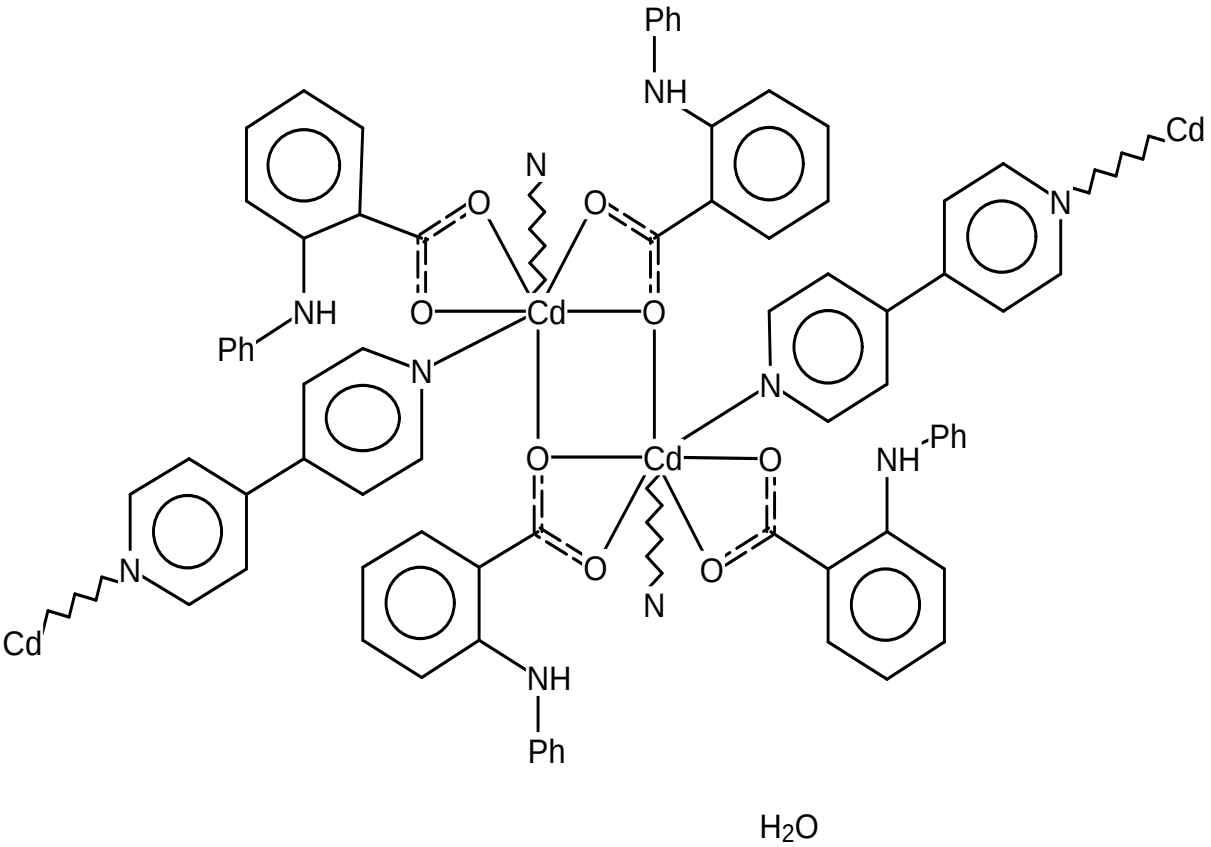
CUMSEJ

Reference: Lin Liu, Zifeng Li, Baolan Wang, Gang Li, Lipeng Wang, Xiangru Meng, Zhanhang He (2009) *Cryst.Growth Des.* ,**9,**5244

Formula: $(C_{72}\ H_{56}\ Cd_2\ N_8\ O_8)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(μ_2-2-anilinobenzoato)-bis(anilinobenzoato)-di-cadmium dihydrate)

Space Group:	P1	***Cell:***	***a***	9.727(1)	***b*** 11.548(2)	***c***	16.675(3)
Space Group No.:	1	***(Å,°)***	α	73.87(3)	β 76.66(3)	γ	66.00(3)
R-Factor (%):	4.06	***Temperature(K):***	293		***Density(g/cm^3):***		1.450



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 364

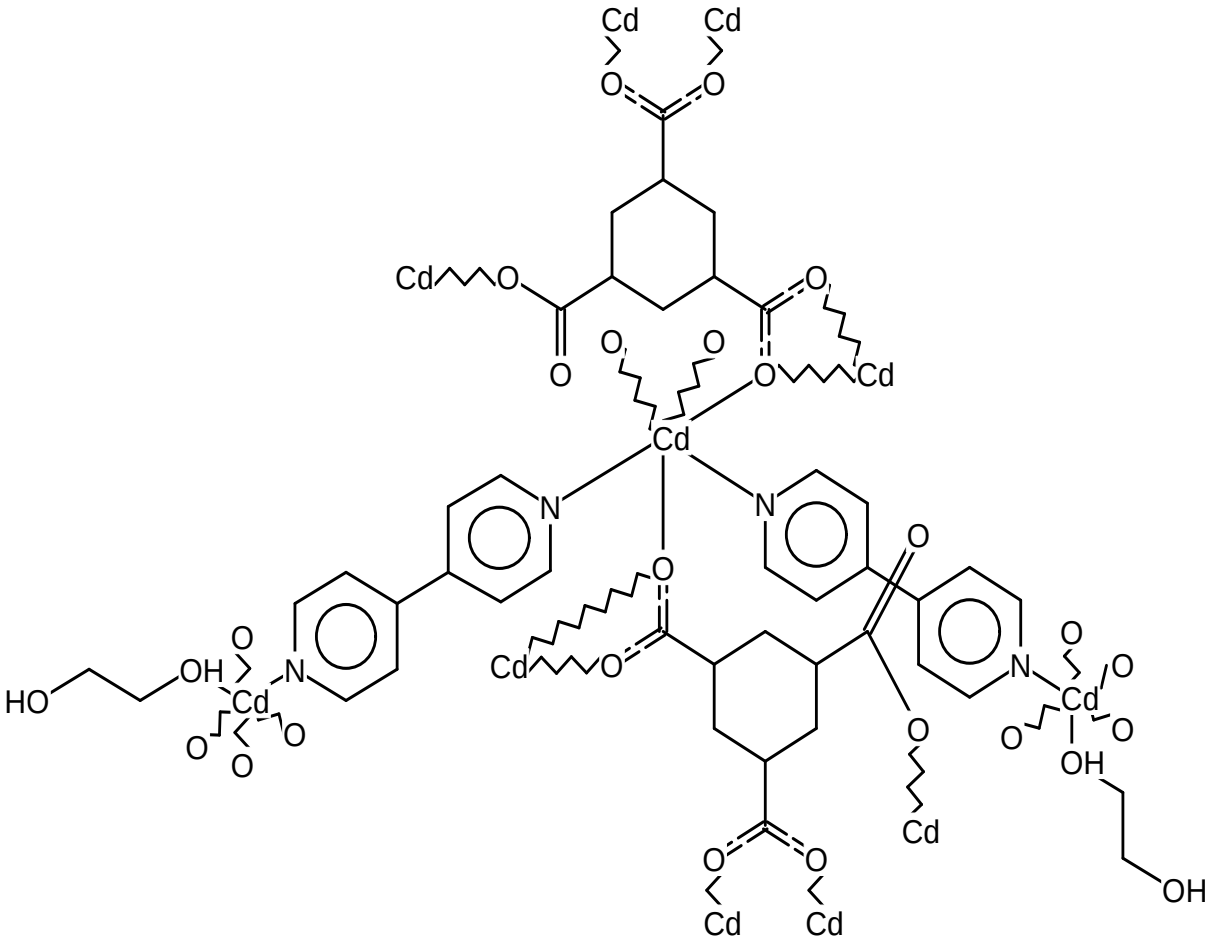
DAGDOF

Reference: Qianrong Fang, Guangshan Zhu, Ming Xue, Jinyu Sun, Ge Tian, Gang Wu, Shilun Qiu (2004) *Dalton Trans. ,*2202

Formula: $(C_{42}\ H_{46}\ Cd_3\ N_4\ O_{16})n$

Compound Name: catena-[bis(μ_5-1,3,5-Cyclohexanetricarboxylato)-bis(μ_2-4,4'-bipyridyl)-bis(ethylene glycol)-tri-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	23.879(4)	***b*** 10.014(1)	***c***	18.989(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.23(1)	γ	90.00
R-Factor (%):	3.72	***Temperature(K):***	293		***Density(g/cm^3):***	1.848	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 365

DAGDOF01

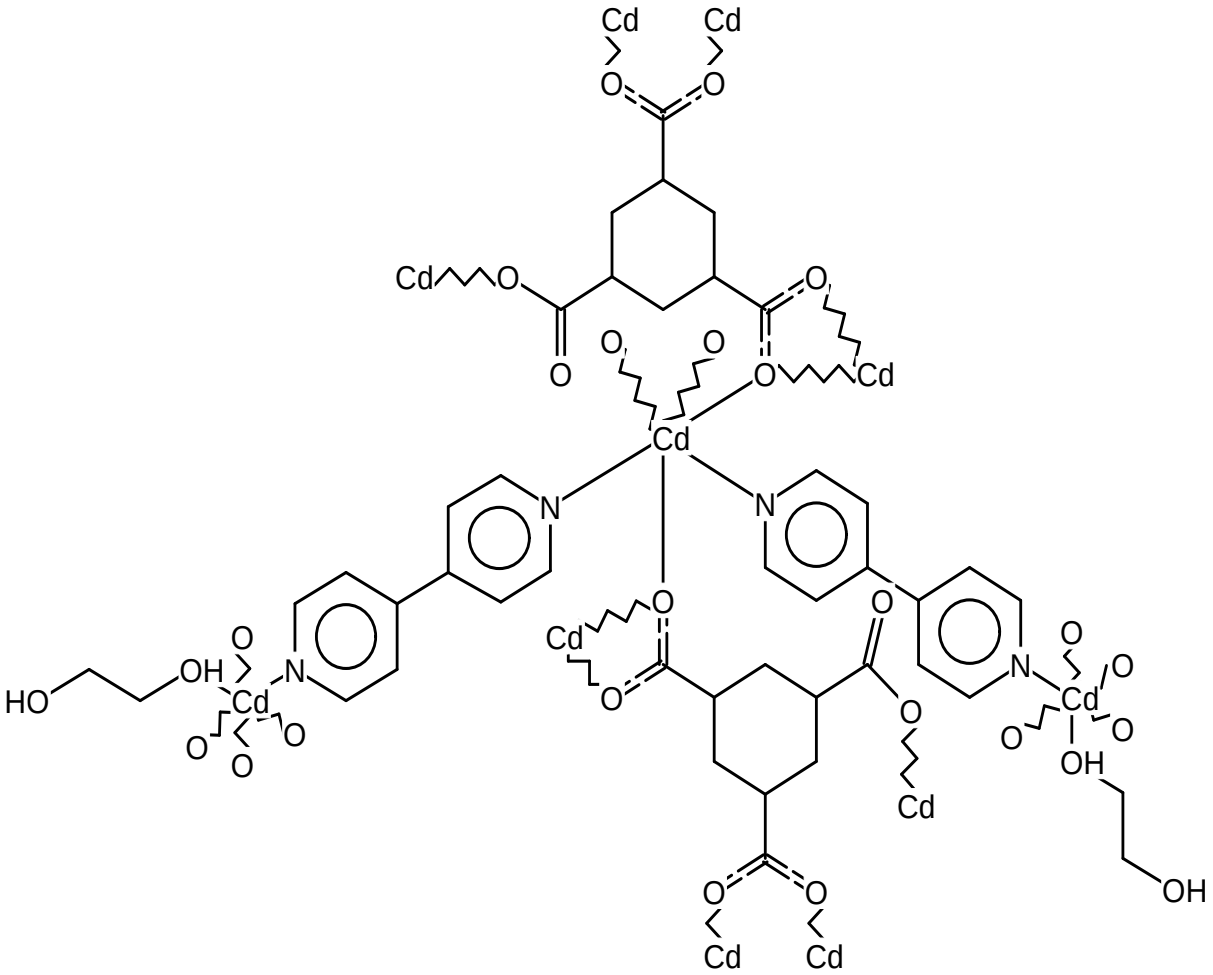
Reference: Xiu-Jie Liu, Qian-Rong Fang, Guang-Shan Zhu, Mine Xue, Xin Shi, Gang Wu, Ge Tian, Shi-Lun Qiu, Lin Fang (2004) *Inorg.Chem.Commun. ,***7,**31

Formula: $(C_{42}\ H_{46}\ Cd_3\ N_4\ O_{16})n$

Compound Name: catena-[bis(μ_5-1,3,5-Cyclohexanetricarboxylato)-bis(μ_2-4,4'-bipyridyl)-bis(ethylene glycol)-tri-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	23.879(4)	***b*** 10.014(1)	***c***	18.989(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.23(1)	γ	90.00

R-Factor (%): 3.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.848



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 366

DAHJOM

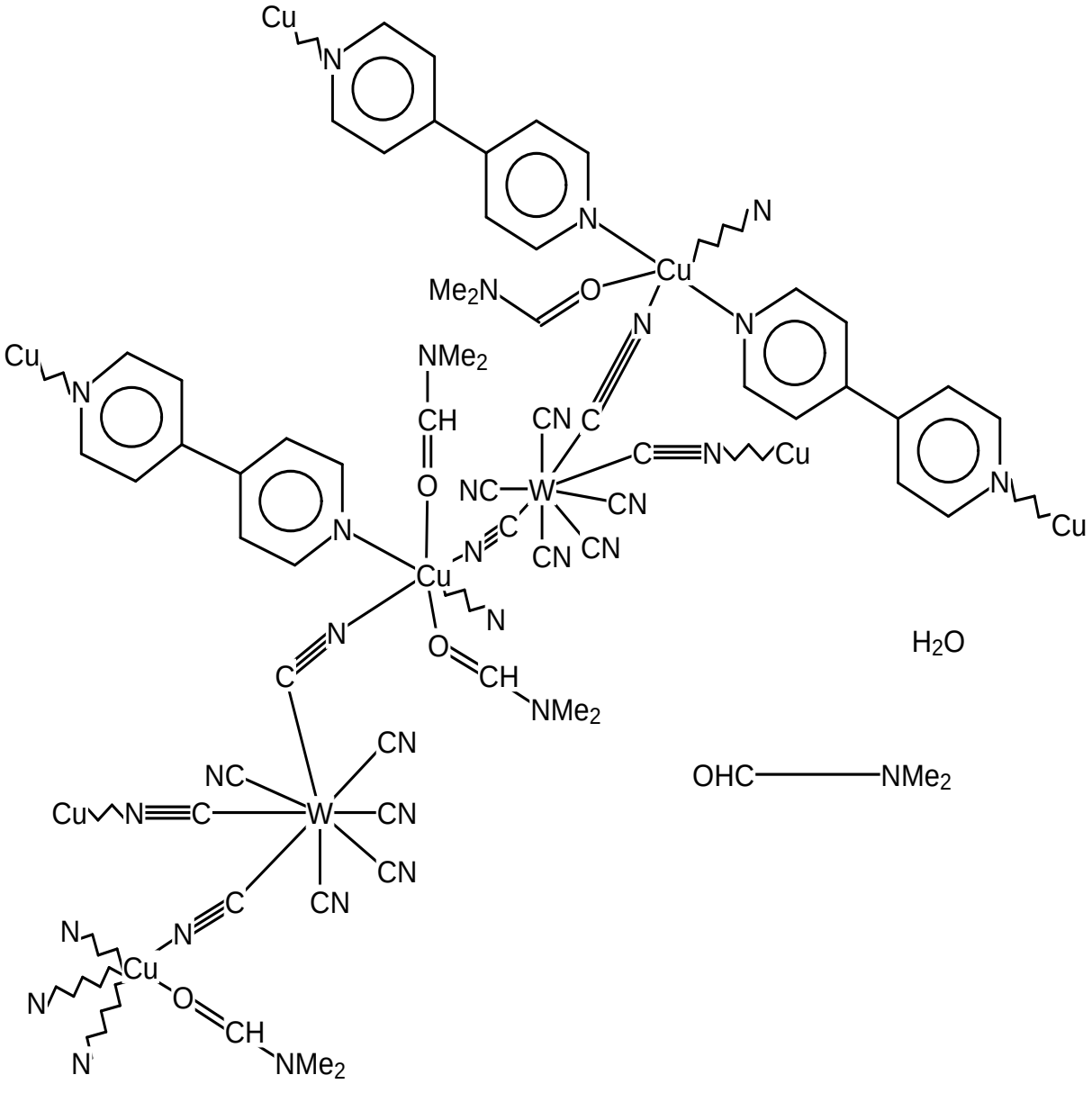
Reference: T.Korzeniak, K.Stadnicka, M.Rams, B.Sieklucka (2004) *Inorg.Chem. ,***43,**4811

Formula: $(C_{58}\ H_{52}\ Cu_3\ N_{26}\ O_4\ W_2)n,2n(C_3\ H_7\ N_1\ O_1),2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridyl)-hexakis(μ_2-cyano)-tetrakis(dimethylformamide)-decakis(cyano)-tri-copper(ii)-di-tungsten(v) dimethylformamide solvate dihydrate)

Space Group:	P21212	***Cell:***	***a***	17.617(0)	***b***	19.079(0)	***c***	11.120(0)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	2.73	***Temperature(K):***	295	***Density(g/cm^3):***	1.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 367

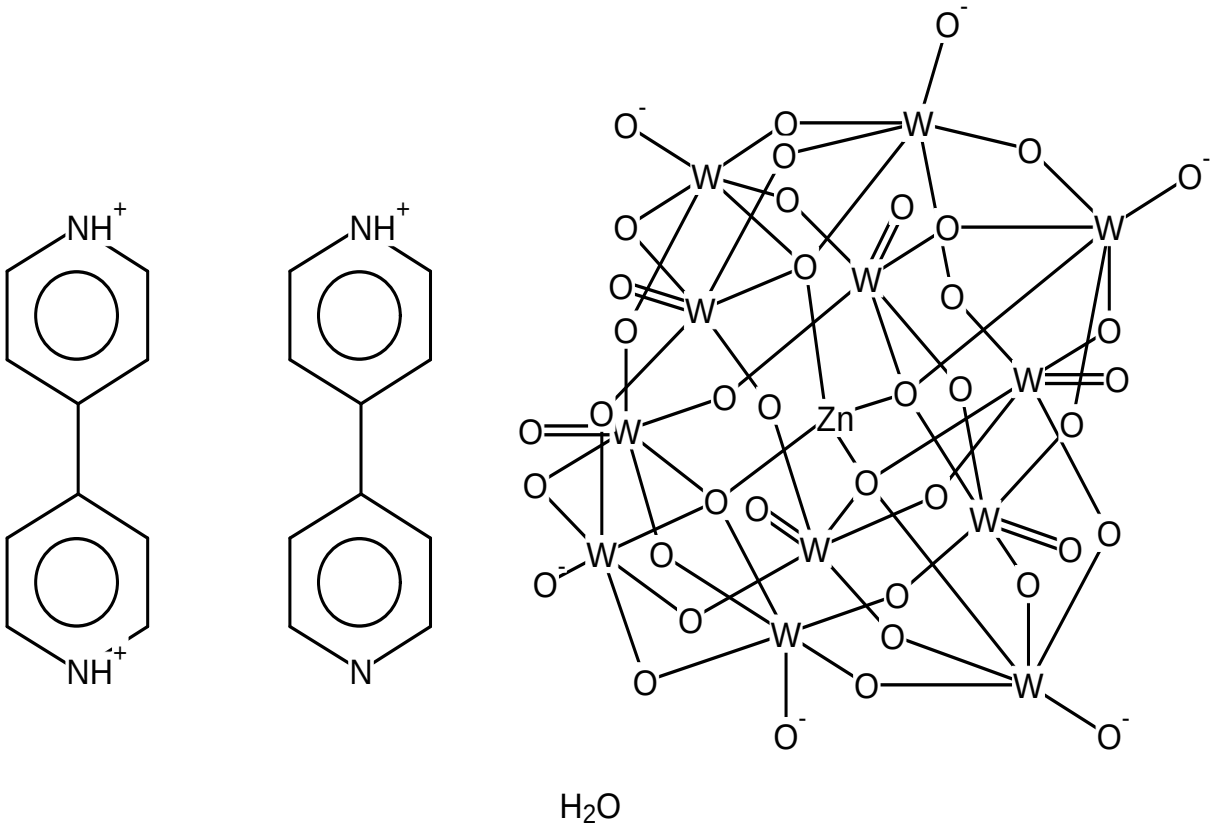
DAHNAC

Reference: Jingyang Niu, Ziliang Wang, Jingping Wang (2004)
J.Coord.Chem. ,**57,**1271

Formula: $2(C_{10}H_{10}N_2^{2+}),2(C_{10}H_9N_2^{1+}),O_{40}W_{12}Zn_1^{6-},6(H_2O_1)$

Compound Name: bis(4,4'-Bipyridinium) bis(4-(4-pyridyl)pyridinium) tetrakis(μ_4-oxo)-tetracosakis(μ_2-oxo)-dodecaoxa-dodeca-tungsten-zinc hexahydrate

Space Group:	P21/c	***Cell:***	***a***	18.637(4)	***b***	14.003(3)	***c*** 26.470(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	104.78(3)	γ 90.00
R-Factor (%):	5.81	***Temperature(K):***	293		***Density(g/cm^3):***		3.630



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 368

DAHXIU

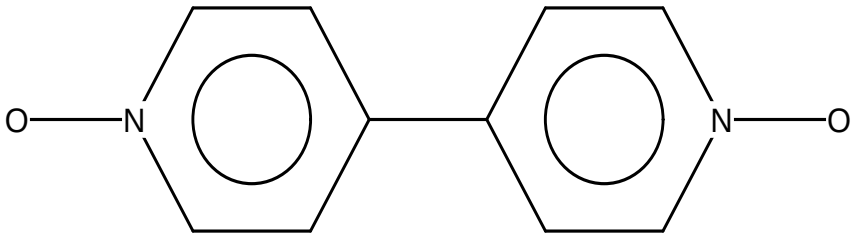
Reference: Qi-Hua Zhao, Hui-Qiong Li, Rui-Bin Fang (2004)
*Jiegou Huaxue(Chin.J.Struct.Chem.) ,***23,**1305

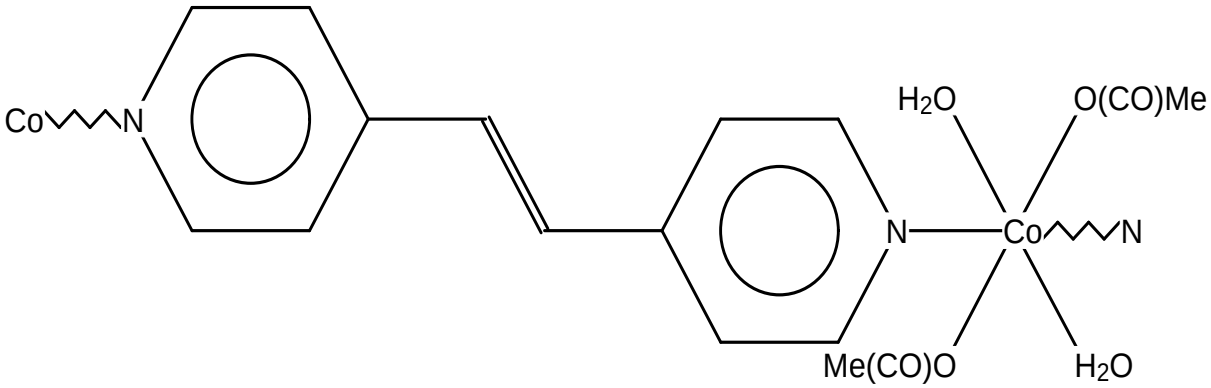
Formula: $(C_{16}\ H_{20}\ Co_1\ N_2\ O_6)n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-(μ_2-trans-1,2-bis(4-pyridyl)ethene-N,N')-bis(acetoxy-O)-diaqua-cobalt(ii) 4,4'-dipyridyl N,N'-oxide)

Space Group:	P-1	***Cell:***	***a***	7.615(0)	***b***	8.669(1)	***c*** 10.344(1)
Space Group No.:	2	***(Å,°)***	α	88.31(0)	β	76.99(0)	γ 75.81(0)

R-Factor (%): 4.77 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.503





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 369

DAKLOQ

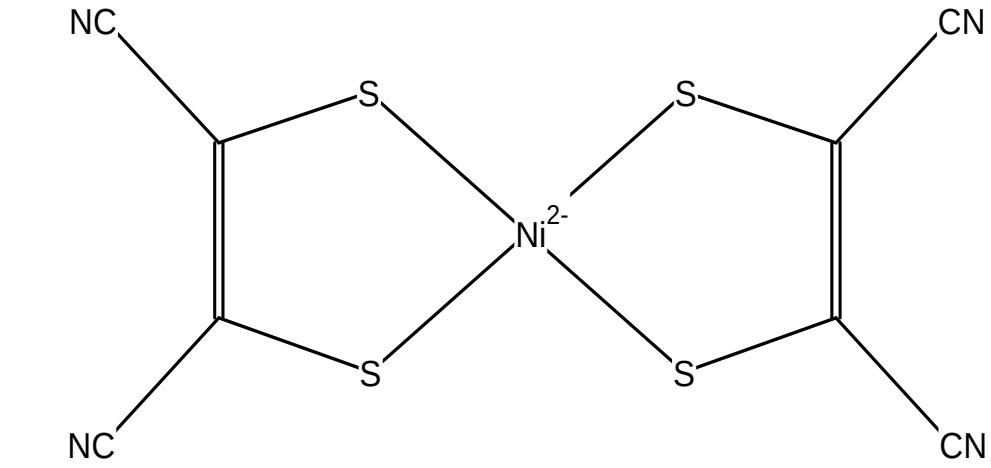
Reference: H.Kisch, A.Fernandez, Y.Wakatsuki, H.Yamazaki (1985)
*Z.Naturforsch.,B:Chem.Sci. ,***40,**292

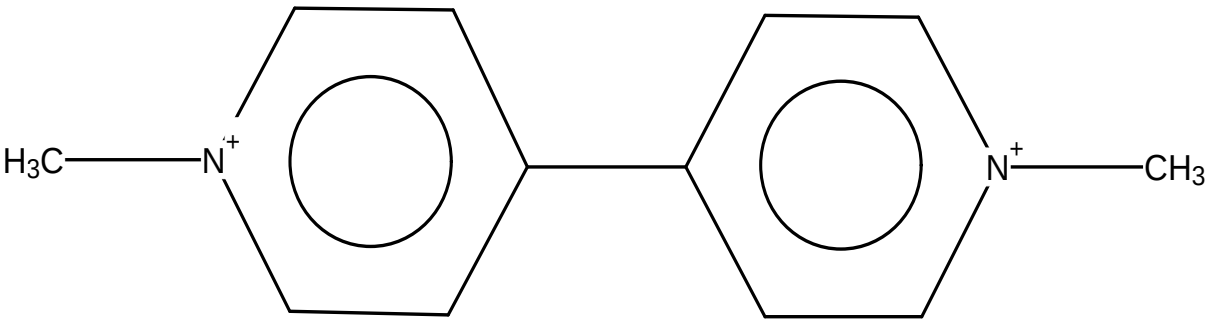
Formula: $C_8 N_4 Ni_1 S_4 ^{2-},C_{12} H_{14} N_2 ^{2+}$

Compound Name: (1,1'-Dimethyl-4,4'-bipyridinium) bis(cis-1,2-dicyano-1,2-ethylenedithiolato-S,S')-nickel(ii)

Space Group:	P-1	***Cell:***	***a***	7.691(4)	***b*** 11.193(3)	***c***	6.432(3)
Space Group No.:	2	***(Å,°)***	α	97.14(2)	β 96.98(4)	γ	90.28(3)

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.600





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 370

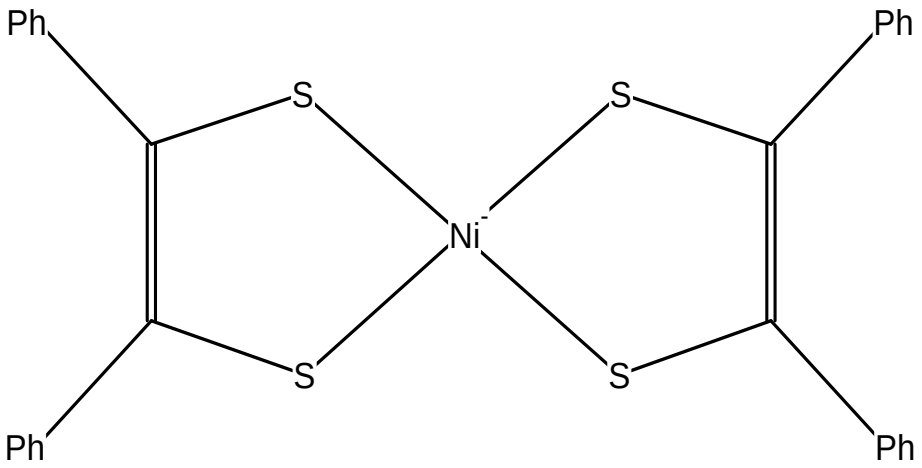
DAKLUW

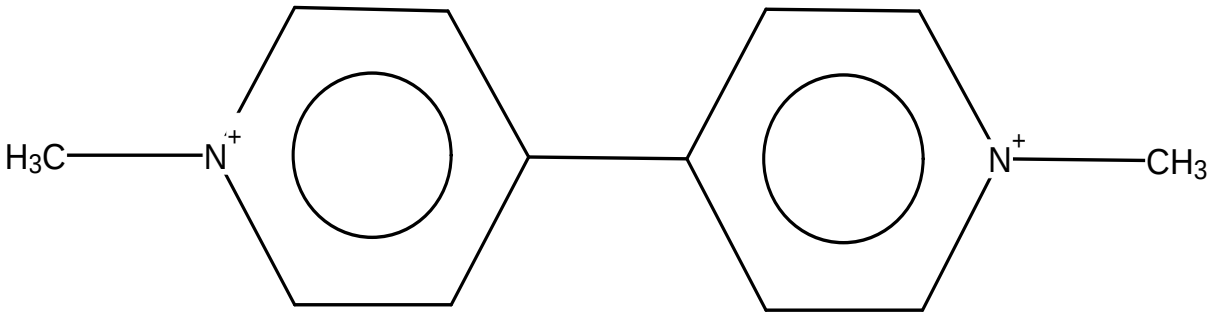
Reference: H.Kisch, A.Fernandez, Y.Wakatsuki, H.Yamazaki (1985) *Z.Naturforsch.,B:Chem.Sci. ,***40,**292

Formula: $2(C_{28}\ H_{20}\ Ni_1\ S_4\ ^{1-}),C_{12}\ H_{14}\ N_2\ ^{2+}$

Compound Name: (1,1'-Dimethyl-4,4'-bipyridinium) bis(bis(cis-1,2-diphenyl-1,2-ethylenedithiolato-S,S')-nickel(iii))

Space Group:	P-1	***Cell:***	***a***	13.670(8)	***b***	13.736(4)	***c*** 9.760(3)
Space Group No.:	2	***(Å,°)***	α	105.79(3)	β	94.42(4)	γ 118.56(3)
R-Factor (%):	4.10	***Temperature(K):***	295	***Density(g/cm^3):***	1.408		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 371

DALLOS

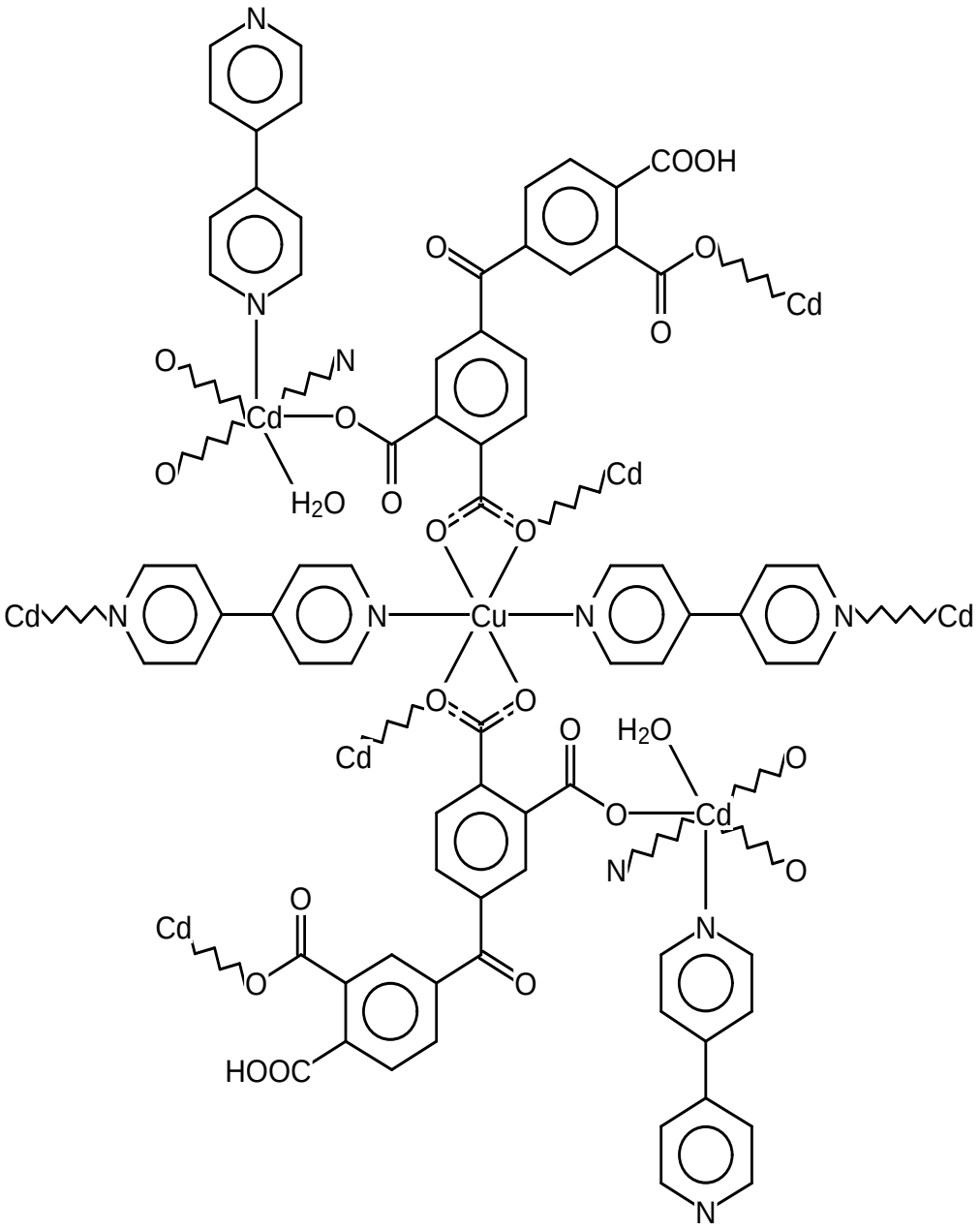
Reference: Jian Zhang, Zhao-Ji Li, Yao Kang, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Inorg.Chem. ,***43,**8085

Formula: $(C_{74}\ H_{50}\ Cd_2\ Cu_1\ N_8\ O_{20})n$

Compound Name: catena-(bis(μ_4-Benzophenone-3,3',4-tricarboxylato-4'-carboxylic acid)-bis(μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-diaqua-di-cadmium(ii)-copper(ii))

Space Group:	P-1	***Cell:***	***a***	7.525(0)	***b***	10.848(0)	***c***	20.218(0)
Space Group No.:	2	***(Å,°)***	α	79.01(0)	β	87.80(0)	γ	80.99(0)

R-Factor (%): 4.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.722



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 372

DALLUY

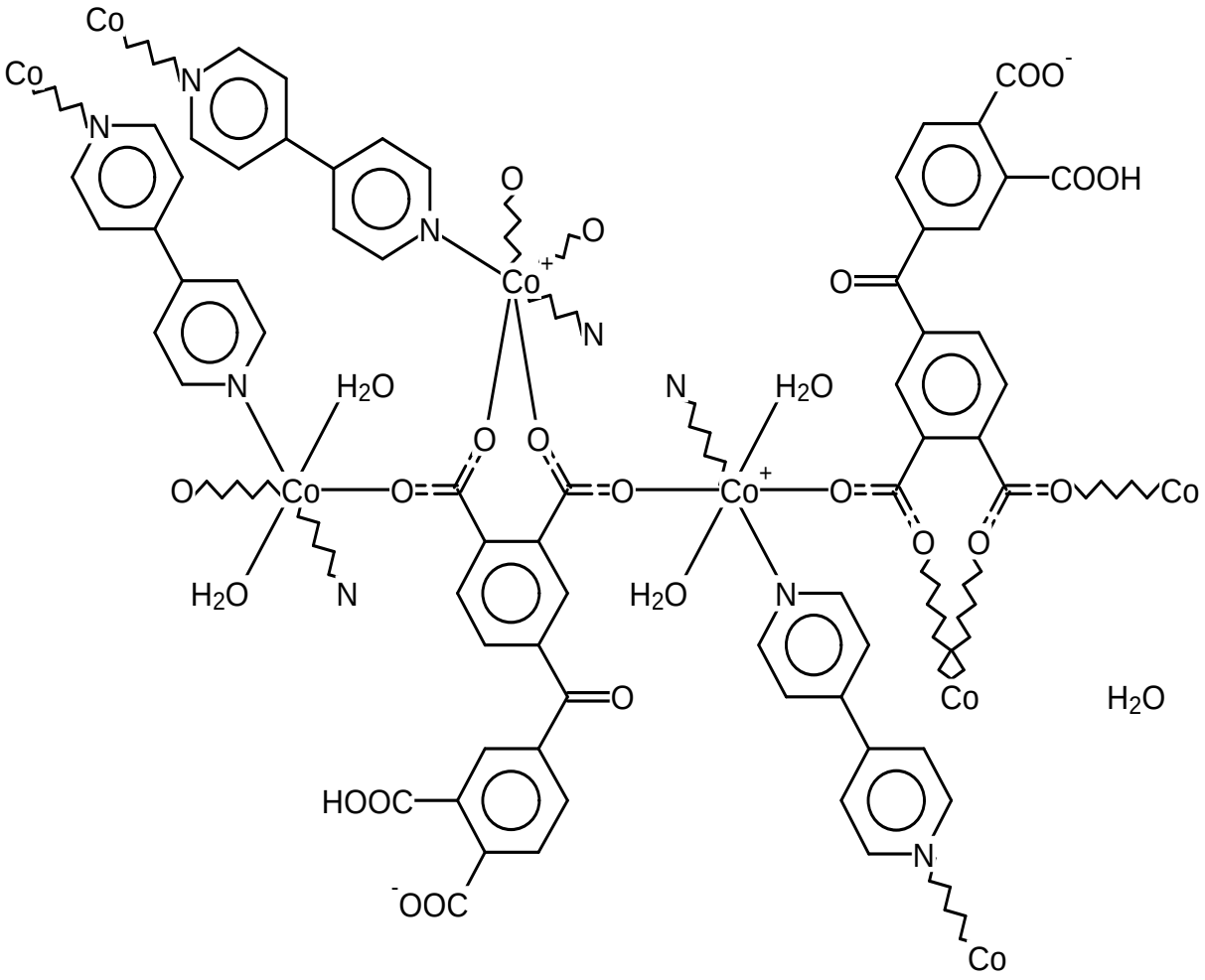
Reference: Jian Zhang, Zhao-Ji Li, Yao Kang, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Inorg.Chem. ,***43,**8085

Formula: $(C_{64}\ H_{46}\ Co_3\ N_6\ O_{22})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Benzophenone-3,4,4'-tricarboxylato-3'-carboxylic acid)-tris(μ_2-4,4'-bipyridyl)-tetra-aqua-tri-cobalt(ii) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	11.320(20)	***b***	11.410(5)	***c***	22.795(18)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.95(1)	γ	90.00

R-Factor (%): 5.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.653



Search: search1 (Thu May 26 10:05:42 2011): Hit 373

DANWOE

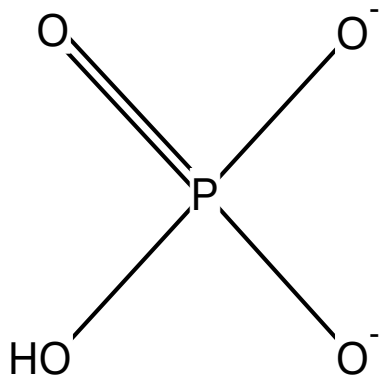
Reference: E.Rodriguez-Castellon, A.Rodriguez-Garcia, S.Bruque (1985) *Inorg.Chem.* ,**24,**1187

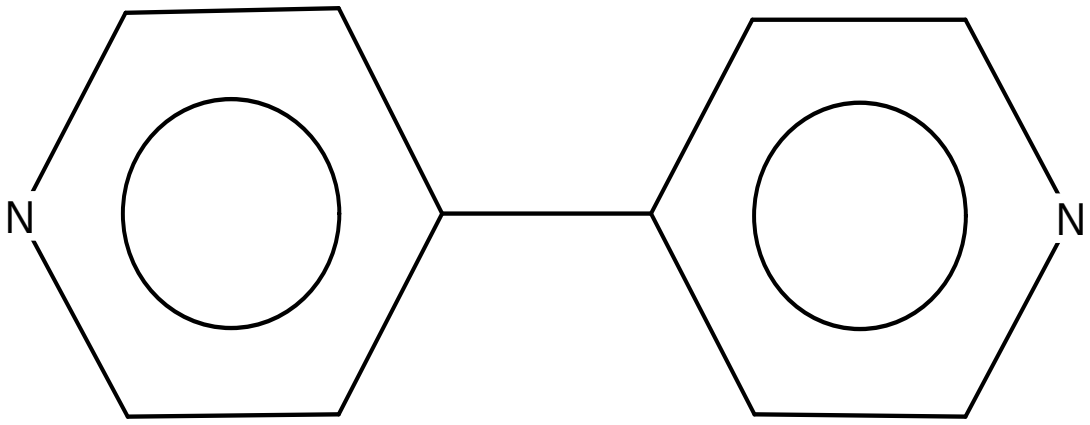
Formula: $0.25(C_{10}\ H_8\ N_2),2(H_1\ O_4\ P_1^{\ 2-}),Sn_1^{\ 4+},H_2\ O_1$

Compound Name: Tin(iv) bis(hydrogen phosphate) 4,4'-bipyridine clathrate monohydrate

Space Group:		***Cell:***	***a***	8.680(50)	***b*** 4.940(40)	***c***	24.800(120)
Space Group No.:	0	***(Å,°)***	α	90.00	β 97.60(50)	γ	90.00

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	2.317





Sn^{4+} H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 374

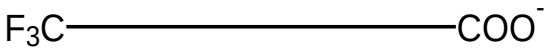
DAPZAW

Reference: Xiao-Li Zhao, T.C.W.Mak (2005) *Polyhedron* ,**24,**940

Formula: $(C_{60}\ H_{32}\ Ag_{13}\ F_{24}\ N_8\ O_{19}\ ^{1+})n,n(C_2\ F_3\ O_2\ ^{1-})$

Compound Name: catena-((μ_8-η^6-Acetylene)-(μ_7-acetylene)-bis(μ_3-trifluoroacetato)-pentakis(μ_2-trifluoroacetato)-tetrakis(μ_2-4,4'-bipyridine)-tris(μ_2-aqua)-(trifluoroacetato)-trideca-silver(i) trifluoroacetate)

Space Group:	P-1	***Cell:***	***a***	16.004(3)	***b***	16.064(3)	***c*** 19.532(4)
Space Group No.:	2	***(Å,°)***	α	103.73(0)	β	100.70(0)	γ 117.94(0)
R-Factor (%):	5.10	***Temperature(K):***	293		***Density(g/cm^3):***		2.579



$n\text{-}Ag_{13}[\mu_8\text{-}C_2][\mu_7\text{-}C_2][\mu_3\text{-}CO_2(CF_3)\text{-}\kappa^3O,O']_2\text{--}$
$\text{--}[\mu_2\text{-}CO_2(CF_3)\text{-}\kappa^2O,O']_5\text{--}$
$\text{--}[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_4\text{--}$
$\text{--}[\mu_2\text{-}O]_3[CO_2(CF_3)]^+$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 375

DAPZEA

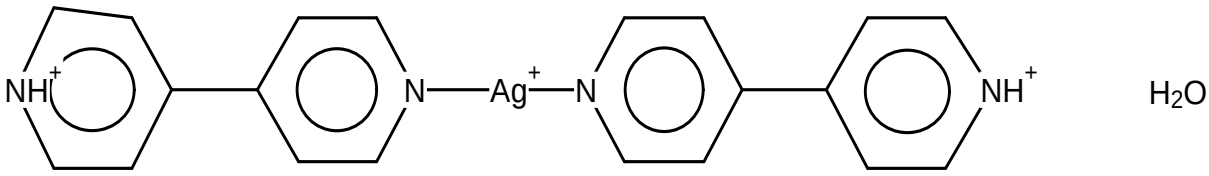
Reference: Xiao-Li Zhao, T.C.W.Mak (2005) *Polyhedron* ,**24,**940

Formula: $2(C_{20}\ H_{18}\ Ag_1\ N_4\ ^{3+}),C_{58}\ Ag_{16}\ F_{90}\ O_{36}\ ^{6-},3(H_2\ O_1)$

Compound Name: bis(bis(4,4'-Bipyridinium)-silver(i)) bis(μ_9-η^2-acetylene)-(μ_3-pentafluoropropionato)-hexadecakis(μ_2-pentafluoropropionato)-(pentafluoropropionato-O)-hexadeca-silver(i) trihydrate

Space Group:	P21/n	***Cell:***	***a***	31.029(2)	***b*** 18.145(1)	***c***	31.591(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 118.37(0)	γ	90.00

R-Factor (%): 6.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.380



$Ag_{16}[\mu_9\text{-}C_2]_2[\mu_3\text{-}C_2F_2O_2(CF_3)\text{-}\kappa^3O,O']$--
--$[\mu_2\text{-}C_2F_2O_2(CF_3)\text{-}\kappa^2O,O']_{16}[C_2F_2O_2(CF_3)]^{6-}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 376

DARBED

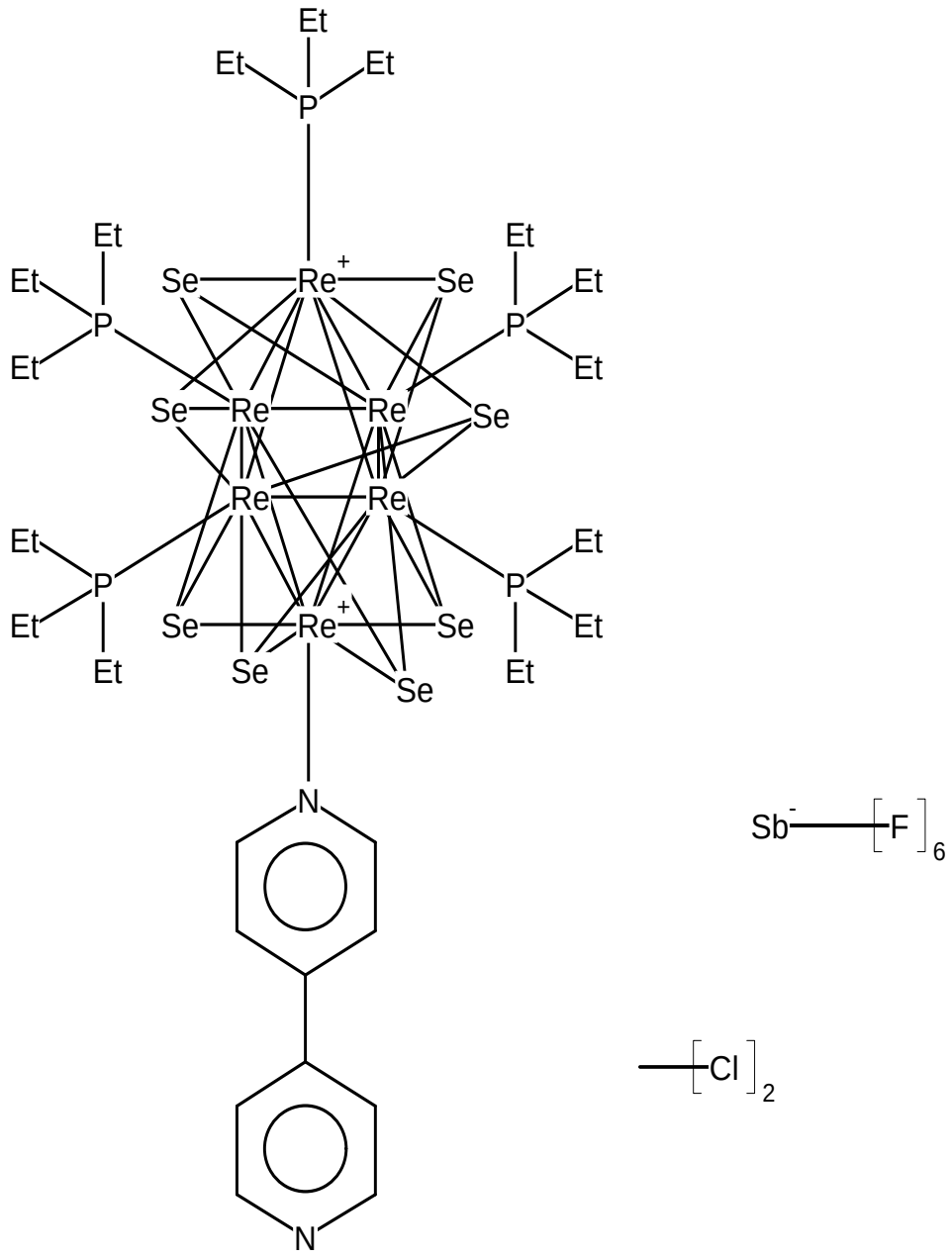
Reference: Zhiping Zheng, T.G.Gray, R.H.Holm (1999) *Inorg.Chem.* , **38,**4888

Formula: $C_{40}\ H_{83}\ N_2\ P_5\ Re_6\ Se_8\ ^{2+}$,2($F_6\ Sb_1\ ^{1-}$),$C_1\ H_2\ Cl_2$

Compound Name: octakis(μ_3-Selenido)-(4,4'-bipyridine-N)-pentakis(triethylphosphine)-hexa-rhenium bis(hexafluoro-antimony) dichloromethane solvate

Space Group:	P-1	***Cell:***	***a***	16.982(0)	***b***	18.964(0)	***c***	23.249(0)
Space Group No.:	2	***(Å,°)***	α	97.45(0)	β	96.39(0)	γ	96.21(0)

R-Factor (%): 6.49 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.769



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 377

DARBON

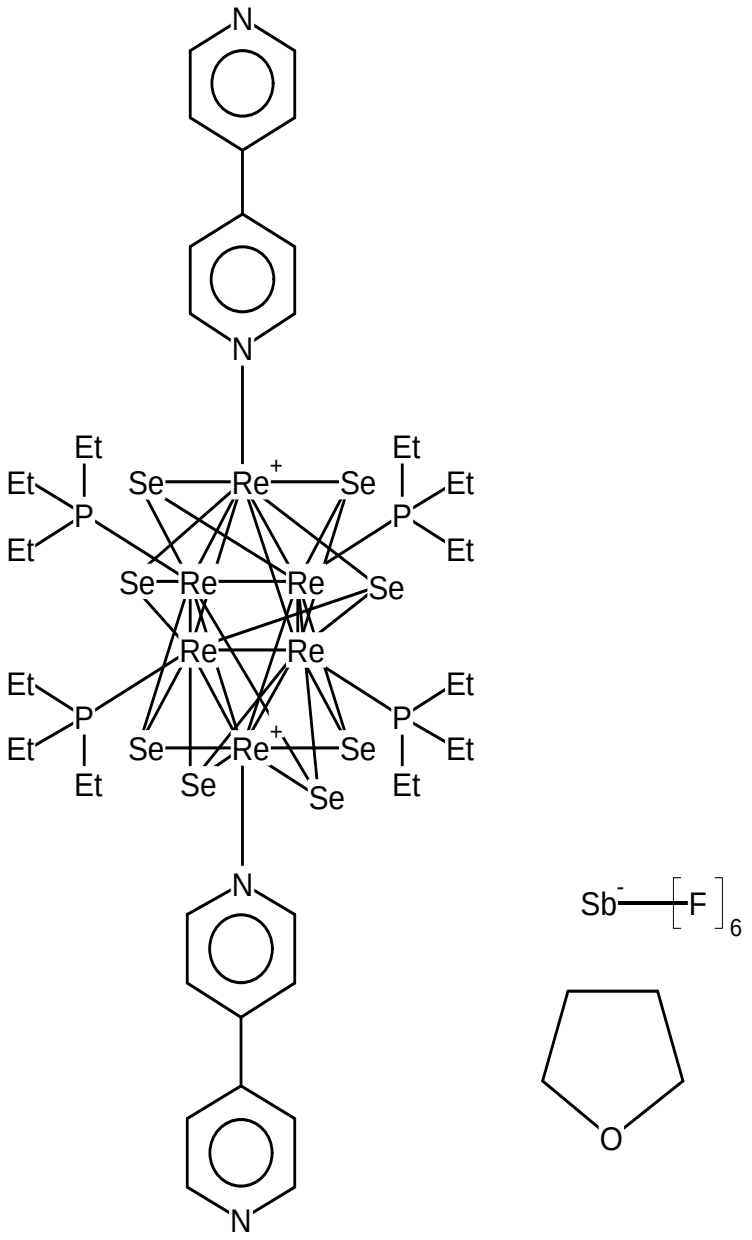
Reference: Zhiping Zheng, T.G.Gray, R.H.Holm (1999) *Inorg.Chem.* , **38,**4888

Formula: $C_{44}\ H_{76}\ N_4\ P_4\ Re_6\ Se_8\ ^{2+},2(F_6\ Sb_1\ ^{1-}),C_4\ H_8\ O_1$

Compound Name: trans-octakis(μ_3-Selenido)-bis(4,4'-bipyridine-N)-tetrakis(triethylphosphine)-hexa-rhenium bis(hexafluoro-antimony) tetrahydrofuran solvate

Space Group:	P-1	***Cell:***	***a*** 10.607(0)	***b*** 13.114(0)	***c*** 16.753(0)
Space Group No.:	2	***(Å,°)***	α 111.83	β 104.68(0)	γ 94.80(0)

R-Factor (%):	6.75	***Temperature(K):***	213	***Density(g/cm^3):***	2.492



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 378

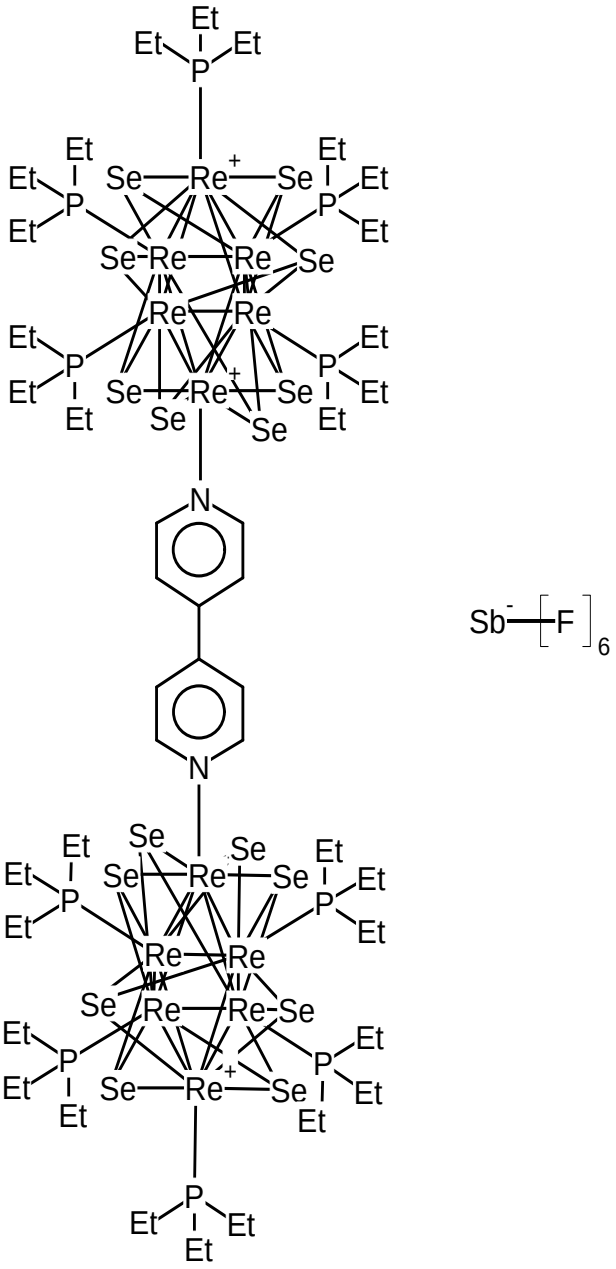
DARFOR

Reference: Zhiping Zheng, T.G.Gray, R.H.Holm (1999) *Inorg.Chem.* , **38,**4888

Formula: $C_{70}\ H_{158}\ N_2\ P_{10}\ Re_{12}\ Se_{16}\ ^{4+}$,4($F_6\ Sb_1\ ^{1-}$)

Compound Name: hexadecakis(μ_3-Selenido)-(μ_2-4,4'-bipyridine-N,N')-decakis(triethylphosphine)-dodeca-rhenium tetrakis(hexafluoro-antimony)

Space Group:	P21/c	***Cell:***	***a*** 12.656(0)	***b*** 22.996(0)	***c*** 23.537(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 103.04(0)	γ 90.00
R-Factor (%):	6.27	***Temperature(K):***	213	***Density(g/cm^3):***	2.876


Et
Et
Et
P
Se
Re
Se
Et
Et
Et

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 379

DAWZIL

Reference: Nanfeng Zhang, Xianhui Bu, Haiwei Lu, Lan Chen, Pingyun Feng (2005) *J.Am.Chem.Soc.* ,**127,**14990

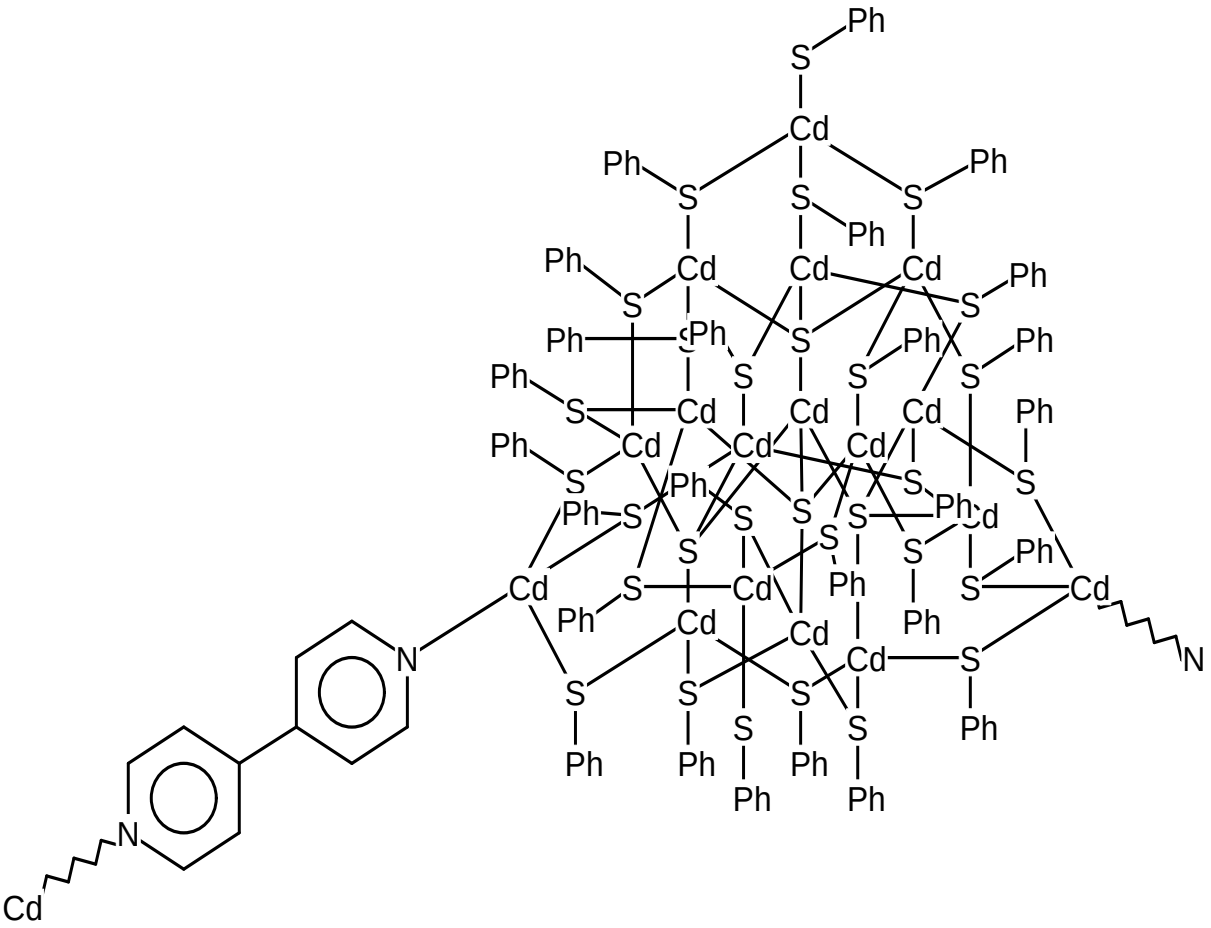
Formula: $(C_{166}\ H_{138}\ Cd_{17}\ N_2\ S_{30})n$

Compound Name: catena-(tetrakis(μ_4-Sulfido)-tetracosakis(μ_2-phenylthiolato)-(μ_2-4,4'-bipyridine)-bis(phenylthiolato)-heptadeca-cadmium)

Synonym: COV-3 CdS-BPy

Space Group:	C2/c	***Cell:***	***a***	30.075(0)	***b*** 58.614(1)	***c***	31.900(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.95(0)	γ	90.00

R-Factor (%): 5.69 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.823



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 380

DAWZUX

Reference: Nanfeng Zhang, Xianhui Bu, Haiwei Lu, Lan Chen, Pingyun Feng (2005) *J.Am.Chem.Soc.* ,**127,**14990

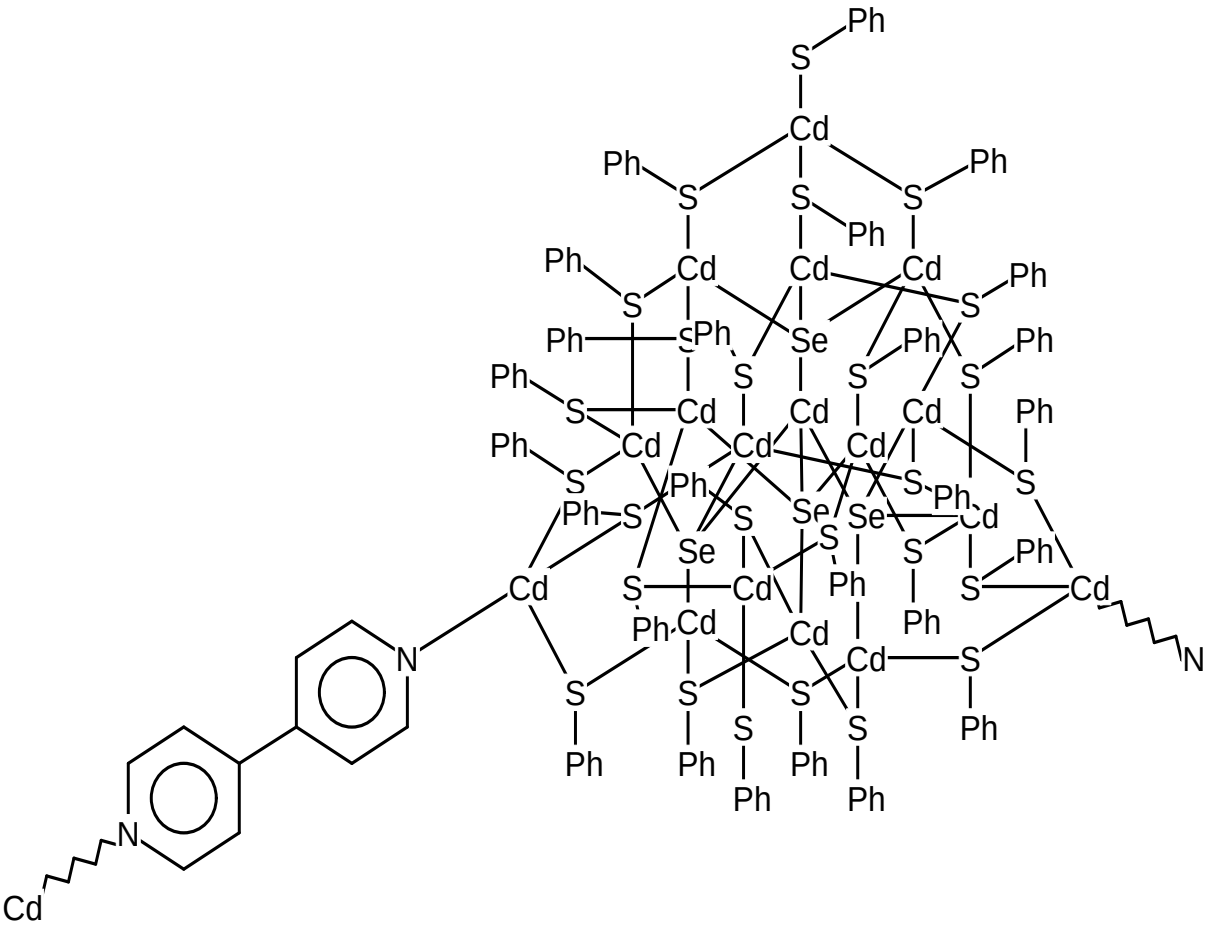
Formula: $(C_{166}\ H_{138}\ Cd_{17}\ N_2\ S_{26}\ Se_4)n$

Compound Name: catena-(tetrakis(μ_4-Selenido)-tetracosakis(μ_2-phenylthiolato)-(μ_2-4,4'-bipyridine)-bis(phenylthiolato)-heptadeca-cadmium)

Synonym: COV-3 CdSeS-BPy

Space Group:	C2/c	***Cell:***	***a***	30.315(2)	***b*** 57.374(5)	***c***	31.765(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.98(0)	γ	90.00

R-Factor (%): 10.26 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.918



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 381

DAXZUY

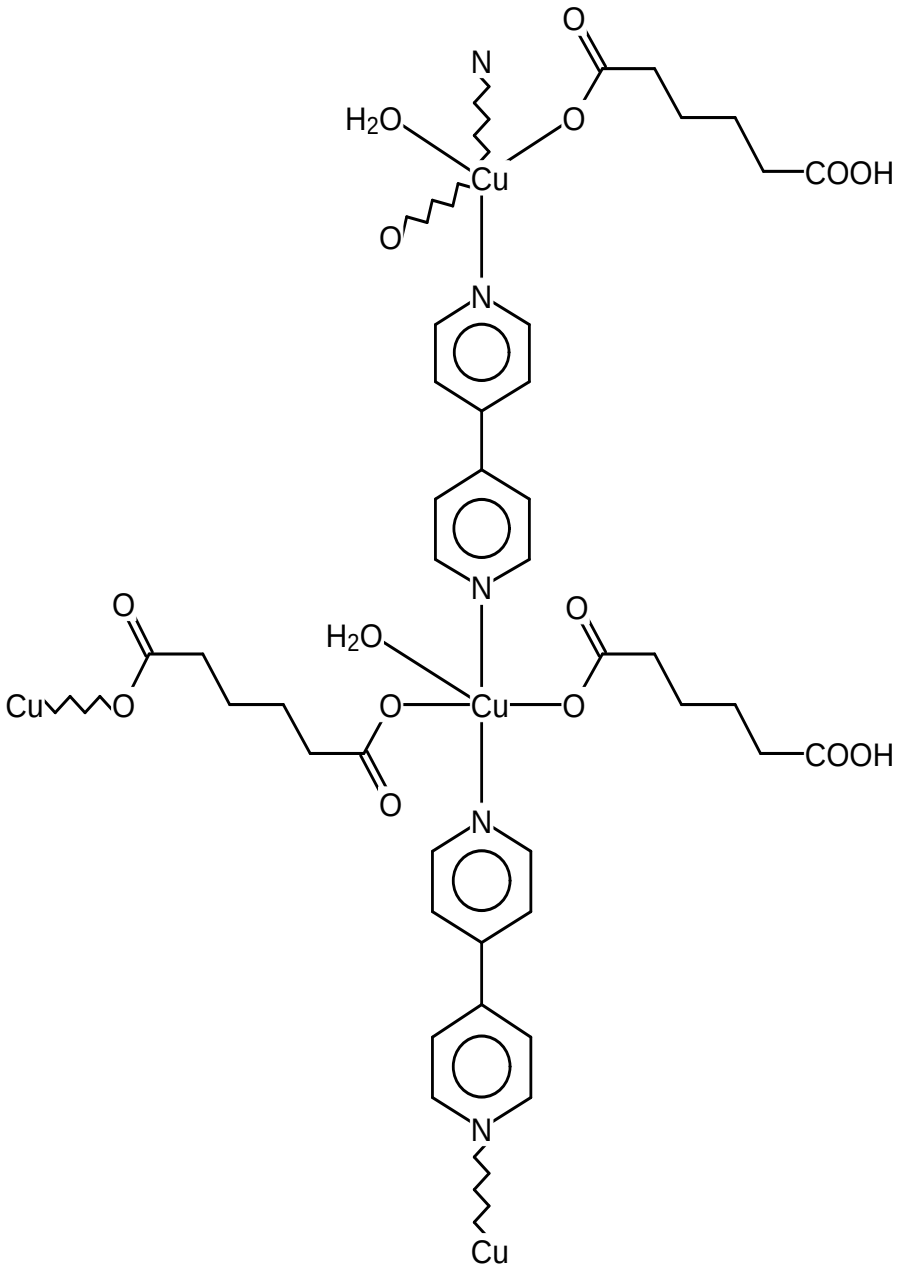
Reference: Jian-Li Lin, Yue-Qing Zheng (2005)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**61,**m501

Formula: $(C_{38}\ H_{46}\ Cu_2\ N_4\ O_{14})n$

Compound Name: catena-($(\mu_2$-adipato-O,O')-bis(μ_2-4,4'-bipyridine-N,N')-bis(hydrogen-adipato-O)-diaqua-dicopper(ii))

Space Group:	P21/n	***Cell:***	***a***	10.885(2)	***b***	16.216(3)	***c***	11.108(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.04(3)	γ	90.00

R-Factor (%):	3.57	***Temperature(K):***	296	***Density(g/cm^3):***	1.550



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 382

DAYCEM

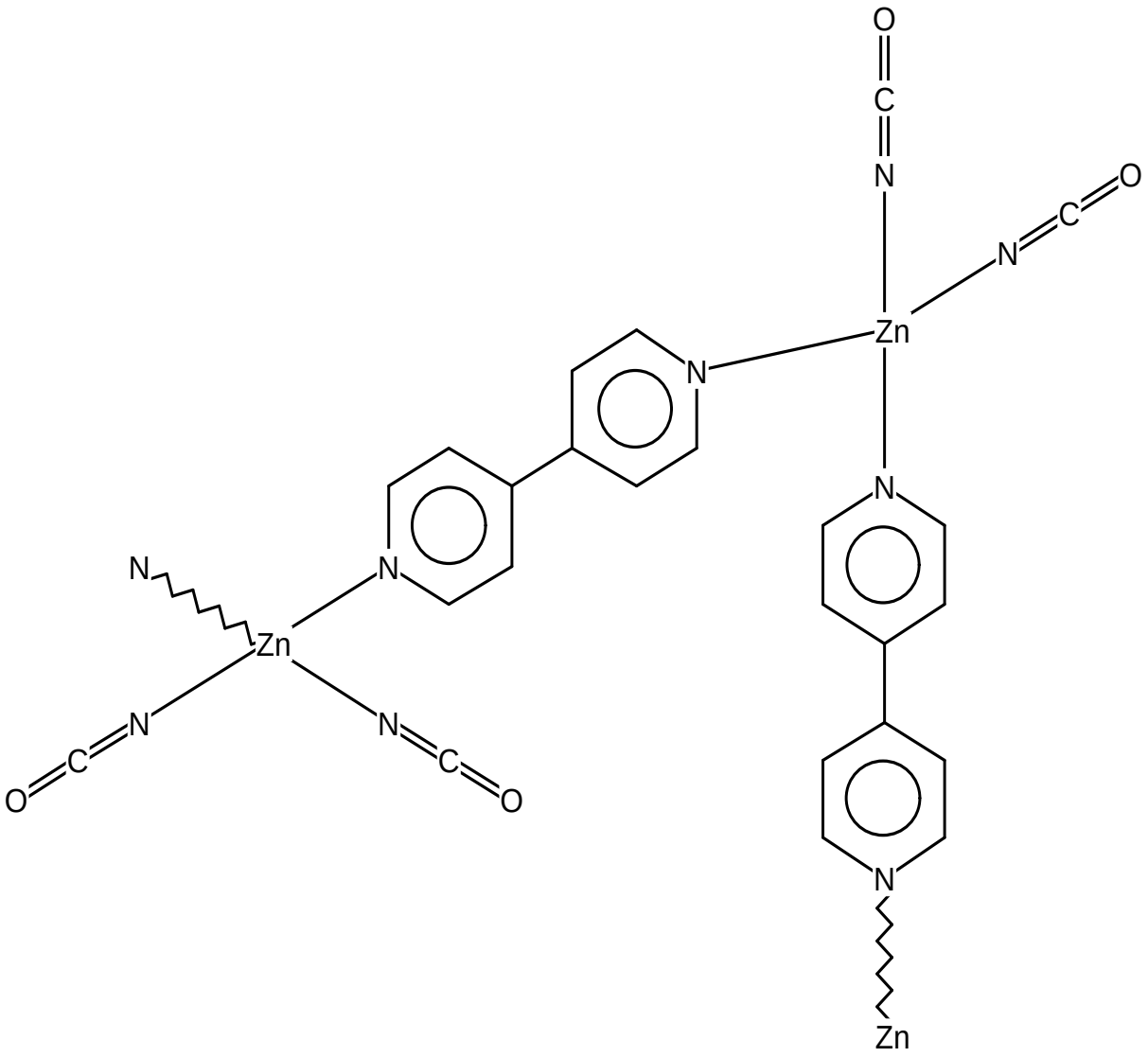
Reference: A.D.Bond, C.J.McKenzie (2005)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**61,**m519

Formula: $(C_{24}\ H_{16}\ N_8\ O_4\ Zn_2)0.5n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-N,N')-dicyanato-zinc(ii))

Space Group:	P21/n	***Cell:***	***a***	14.388(1)	***b***	16.483(2)	***c***	26.438(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.02(0)	γ	90.00

R-Factor (%):	7.07	***Temperature(K):***	180	***Density(g/cm^3):***	1.619



Search: search1 (Thu May 26 10:05:42 2011): Hit 383

DAYMUM

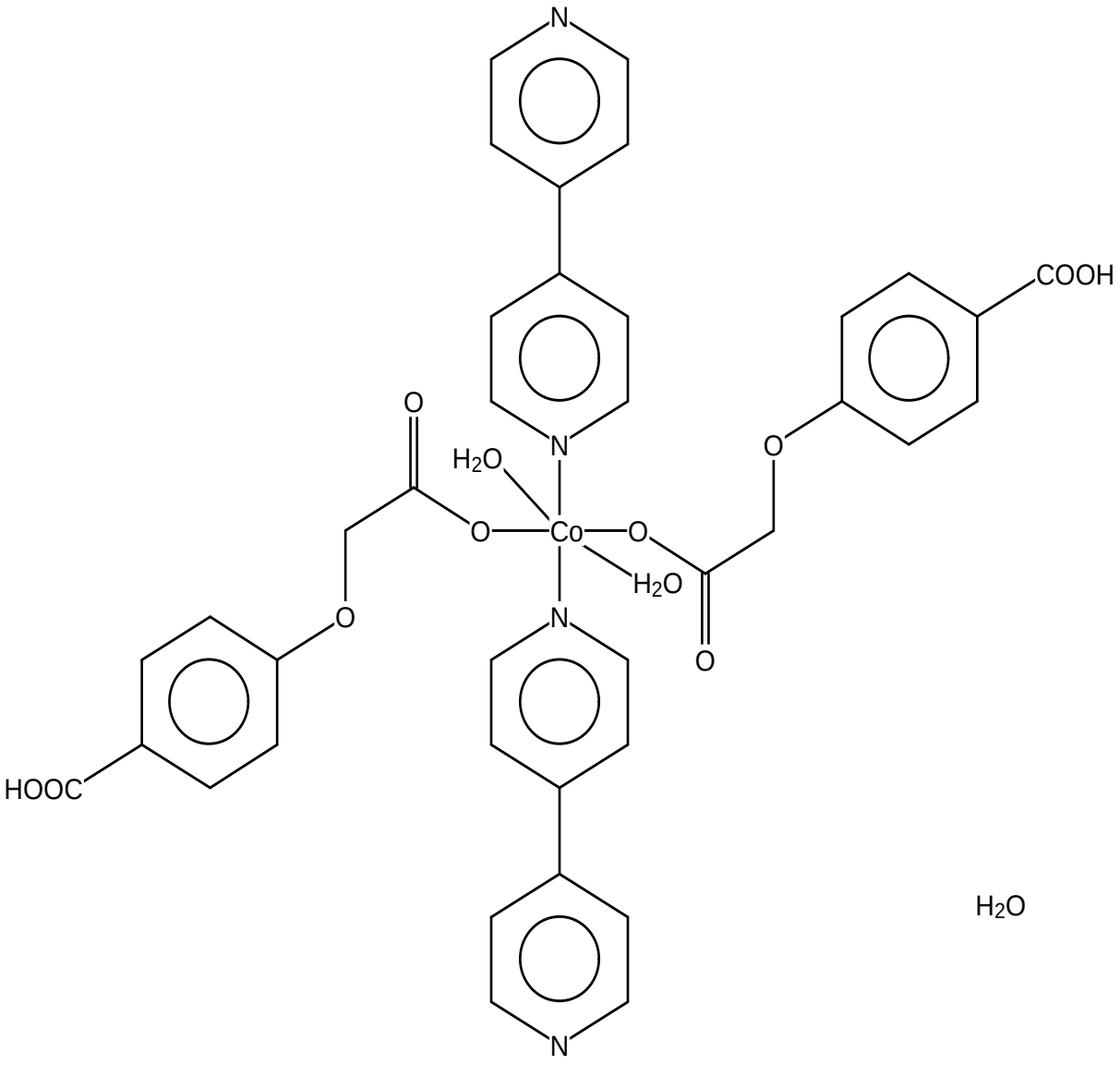
Reference: Zhao-Peng Deng, Shan Gao, Li-Hua Huo, Jing-Gui Zhao (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***61,**m2550

Formula: $C_{38}\ H_{34}\ Co_1\ N_4\ O_{12}$,4($H_2\ O_1$)

Compound Name: Diaqua-bis(4,4'-bipyridine-N)-bis(4-carboxyphenoxyacetato-O)-cobalt(ii) tetrahydrate

Space Group:	P-1	***Cell:***	***a*** 10.807(2)	***b*** 12.614(3)	***c*** 16.055(3)
Space Group No.:	2	***(Å,°)***	α 103.89(3)	β 108.77(3)	γ 103.69(3)

R-Factor (%):	4.22	***Temperature(K):***	295	***Density(g/cm^3):***	1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 384

DAYPEZ

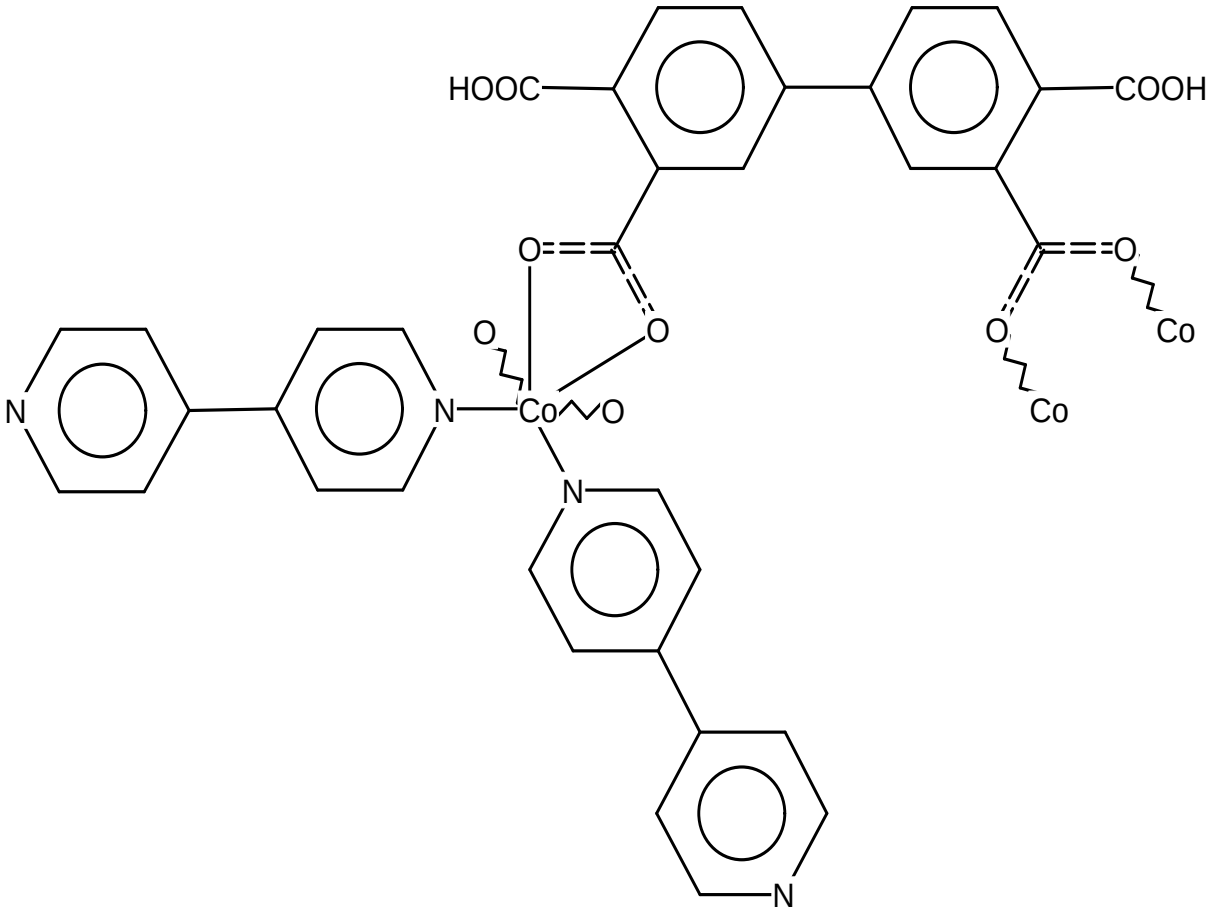
Reference: Xiang-Rong Hao, Zhong-Min Su, Ya-Hui Zhao, Kui-Zhan Shao, Yong Wang (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,**m2477

Formula: $(C_{36}\ H_{24}\ Co_1\ N_4\ O_8)n$

Compound Name: catena-((μ_3-4,4'-Dicarboxybiphenyl-3,3'-dicarboxylato)-bis(4,4'-bipyridine-N)-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a***	11.978(1)	***b***	24.094(2)	***c*** 10.706(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	105.93(0)	γ 90.00

R-Factor (%): 4.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.564



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 385

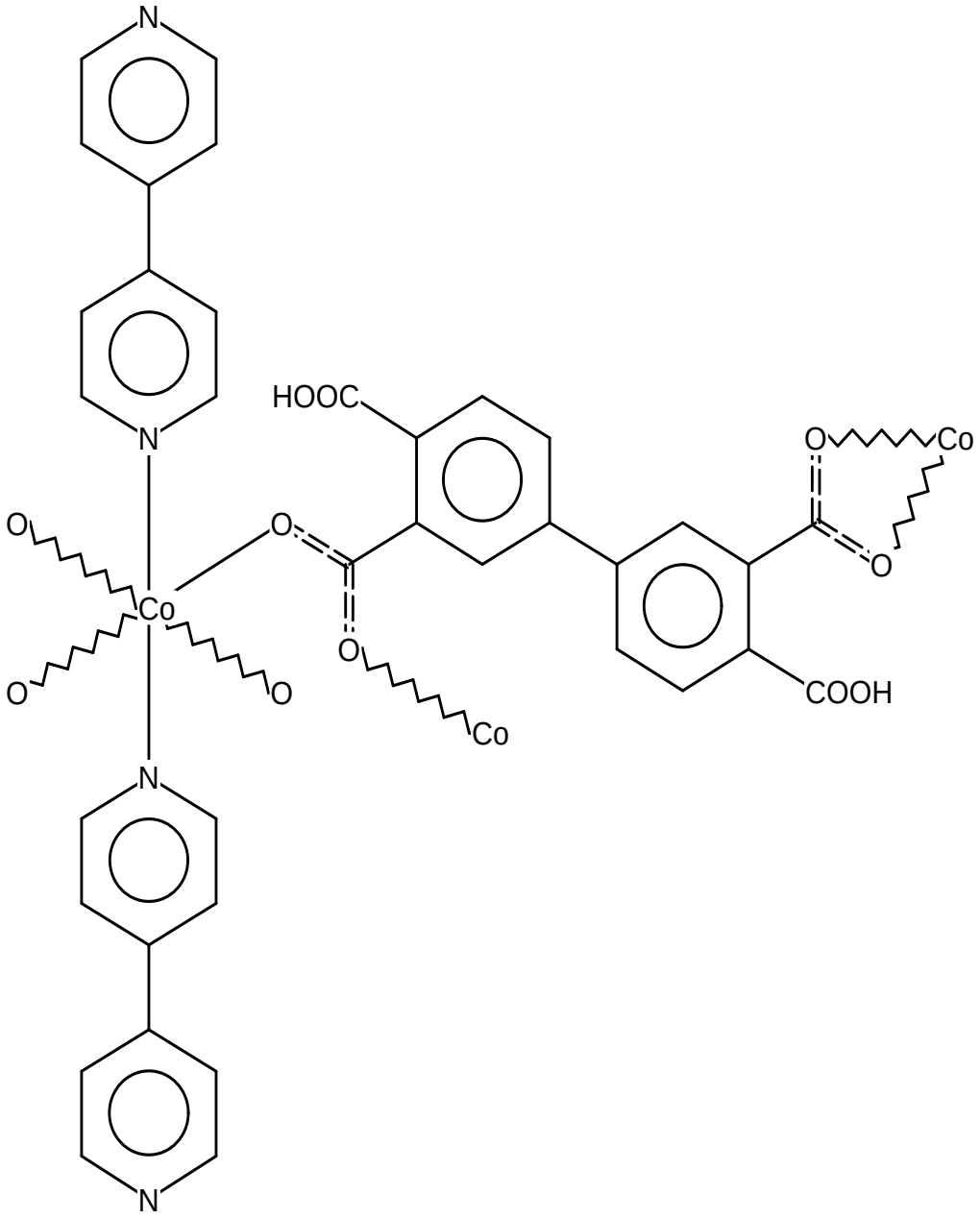
DAYPEZ01

Reference: Chao Qin, Xin-Long Wang, En-Bo Wang (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m3073

Formula: $(C_{36}\ H_{24}\ Co_1\ N_4\ O_8)n$

Compound Name: catena-((μ$_3$-4,4'-Dicarboxybiphenyl-3,3'-dicarboxylato-κ^{4}O^3,O$^{3'}$:O$^{3''}$:O$^{3'''}$)-bis(4,4'-bipyridine-κN)-cobalt(ii))

Space Group:	P-1	***Cell:***	***a*** 11.045(2)	***b*** 11.361(2)	***c*** 12.352(3)
Space Group No.:	2	***(Å,°)***	α 103.83(3)	β 93.54(3)	γ 96.84(3)
R-Factor (%):	4.11	***Temperature(K):***	298	***Density(g/cm^3):***	1.562



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 386

DAYVIJ

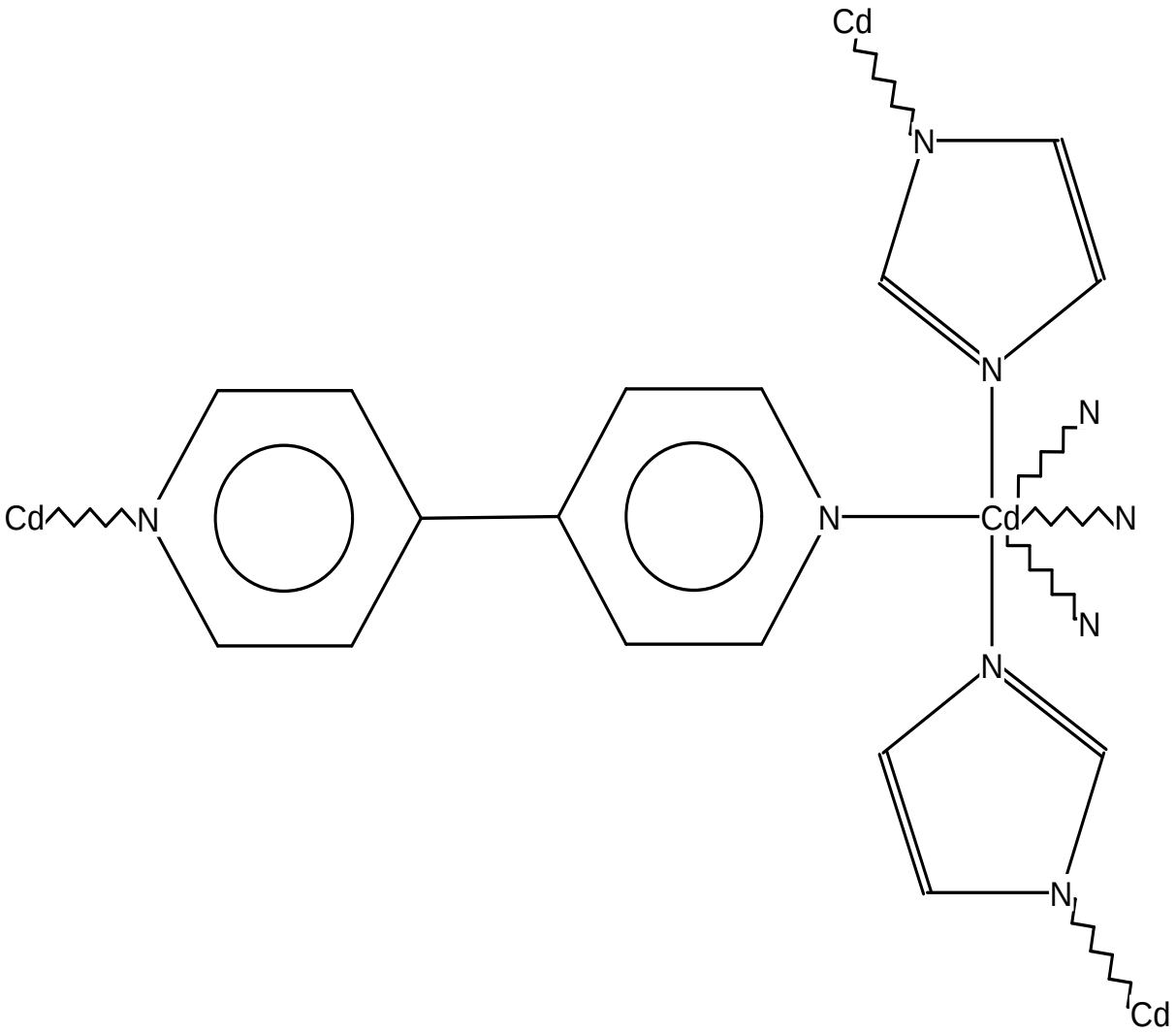
Reference: Jin-Yu Han, Jian Fang, He-Ying Chang, Yang Dong, Shuang Liang (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,** m2667

Formula: $(C_{16}\ H_{14}\ Cd_1\ N_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-imidazole)-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a***	9.219(1)	***b***	7.921(1)	***c***	10.244(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.03(0)	γ	90.00

R-Factor (%): 2.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.788



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 387

DAZWOR

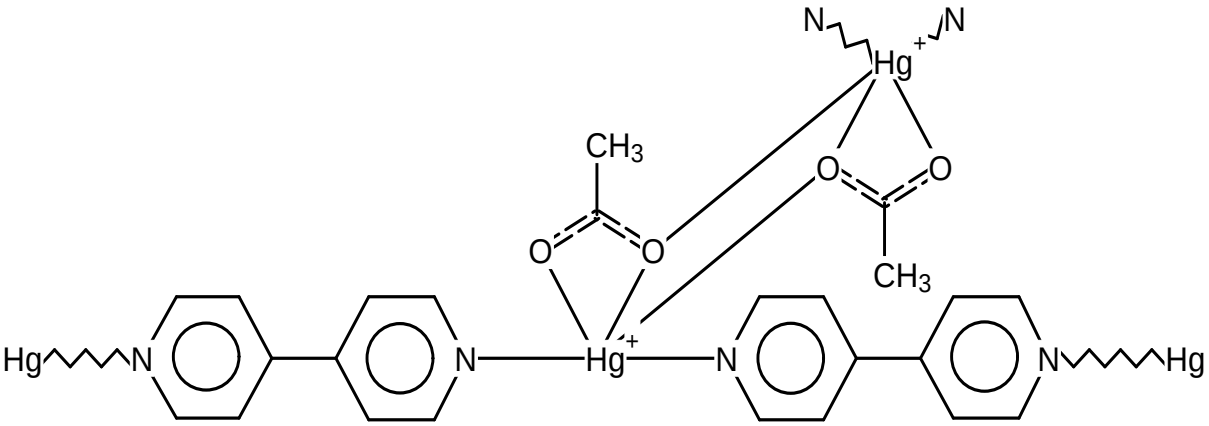
Reference: A.Morsali, Long-Guan Zhu (2006) *Helv.Chim.Acta* ,**89,**81

Formula: $(C_{24}\ H_{22}\ Hg_2\ N_4\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-bis(μ_2-4,4'-bipyridine-N,N')-di-mercury(ii) diperchlorate)

Space Group:	P-1	***Cell:***	***a***	9.072(1)	***b***	9.847(1)	***c*** 9.866(1)
Space Group No.:	2	***(Å,°)***	α	119.08(0)	β	98.71(0)	γ 92.06(0)

R-Factor (%): 7.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.266



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 388

DAZWUX

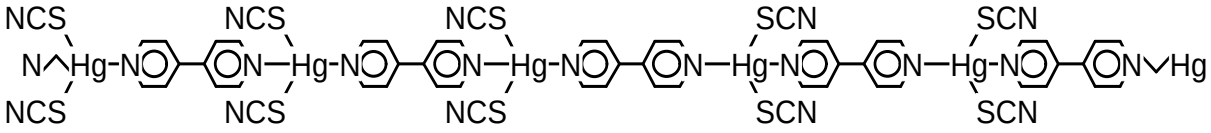
Reference: A.Morsali, Long-Guan Zhu (2006) *Helv.Chim.Acta* ,**89,**81

Formula: $(C_{60}\ H_{40}\ Hg_5\ N_{20}\ S_{10})n$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine-N,N')-decakis(thiocyanato)-penta-mercury(ii))

Space Group:	Pna21	***Cell:***	***a***	11.039(0)	***b***	44.037(4)	***c*** 14.548(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.221



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 389

DAZYEI

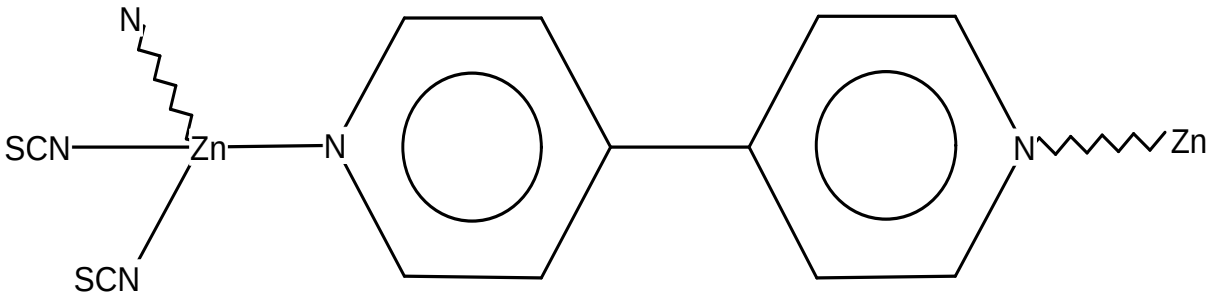
Reference: M.Kondo, M.Shimamura, S.Noro, T.Yoshitomi, S.Minakoshi, S.Kitagawa (1999) *Chem.Lett. ,*285

Formula: $(C_{12}\ H_8\ N_4\ S_2\ Zn_1)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl-N,N')-bis(isothiocyanato)-zinc(ii)]

Space Group:	C2/c	***Cell:***	***a***	18.132(7)	***b*** 5.210(3)	***c***	17.344(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.65(2)	γ	90.00

R-Factor (%): 3.47 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.519



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 390

DAZYEI01

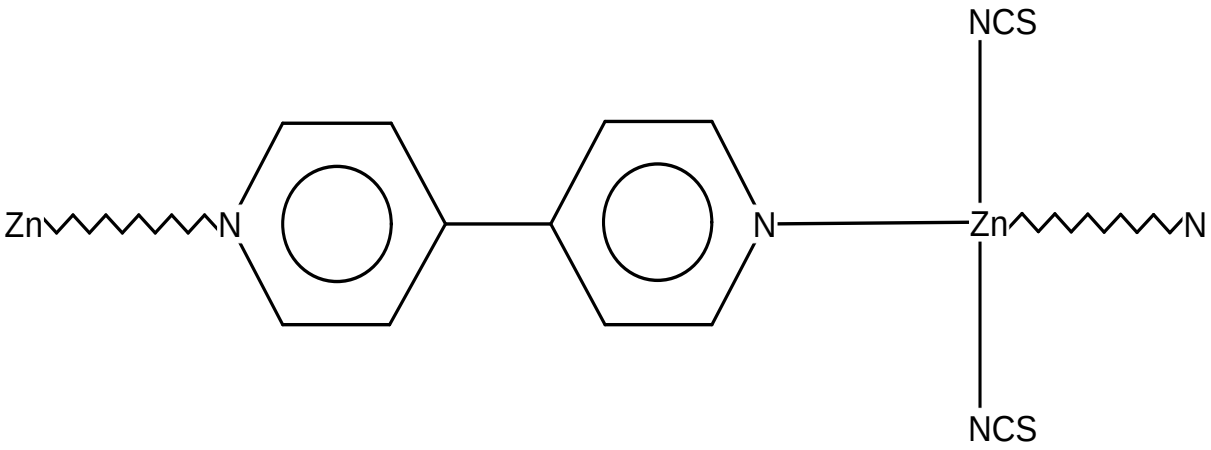
Reference: L.Pan, N.W.Zheng, Y.G.Wu, X.L.Jin, X.Y.Huang (1999)
J.Coord.Chem. ,**47,**269

Formula: $(C_{12}\ H_8\ N_4\ S_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-di-isothiocyanato-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	18.076(5)	***b*** 5.190(1)	***c***	17.315(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.54(2)	γ	90.00

R-Factor (%): 6.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.530



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 391

DAZZEJ

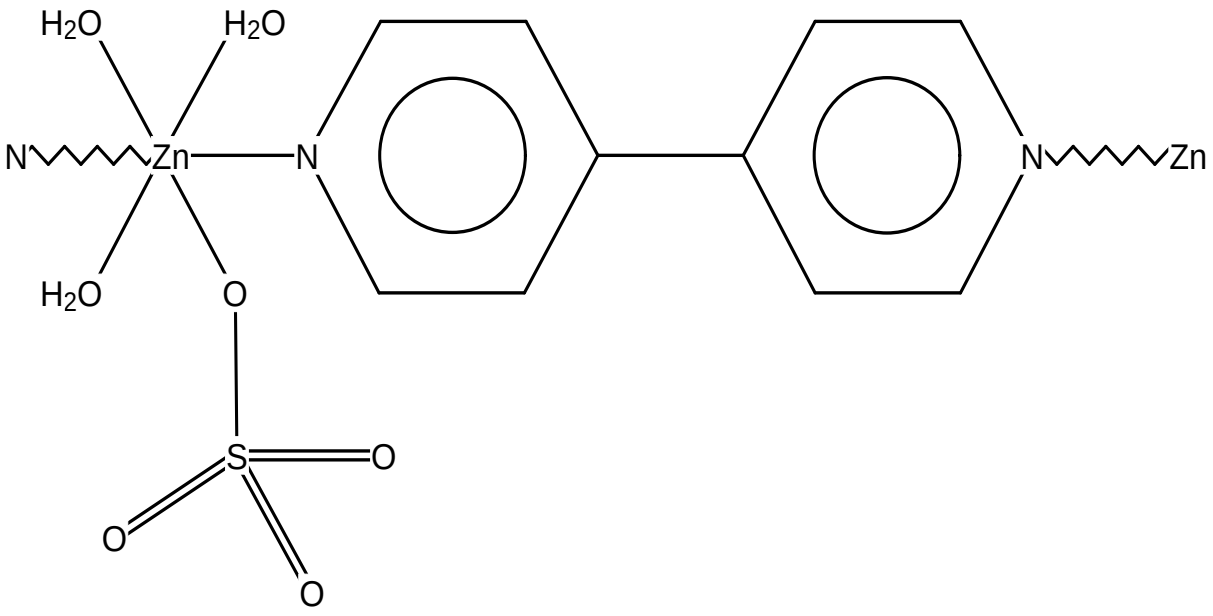
Reference: M.Kondo, M.Shimamura, S.Noro, T.Yoshitomi, S.Minakoshi, S.Kitagawa (1999) *Chem.Lett. ,*285

Formula: $(C_{10}\ H_{14}\ N_2\ O_7\ S_1\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena[(μ_2-4,4'-Bipyridyl-N,N')-triaqua-(sulfato-O)-zinc(ii) trihydrate]

Space Group:	P65	***Cell:***	***a***	11.391(1)	***b***	11.391(1)	***c*** 20.921(6)
Space Group No.:	170	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 8.27 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.804



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 392

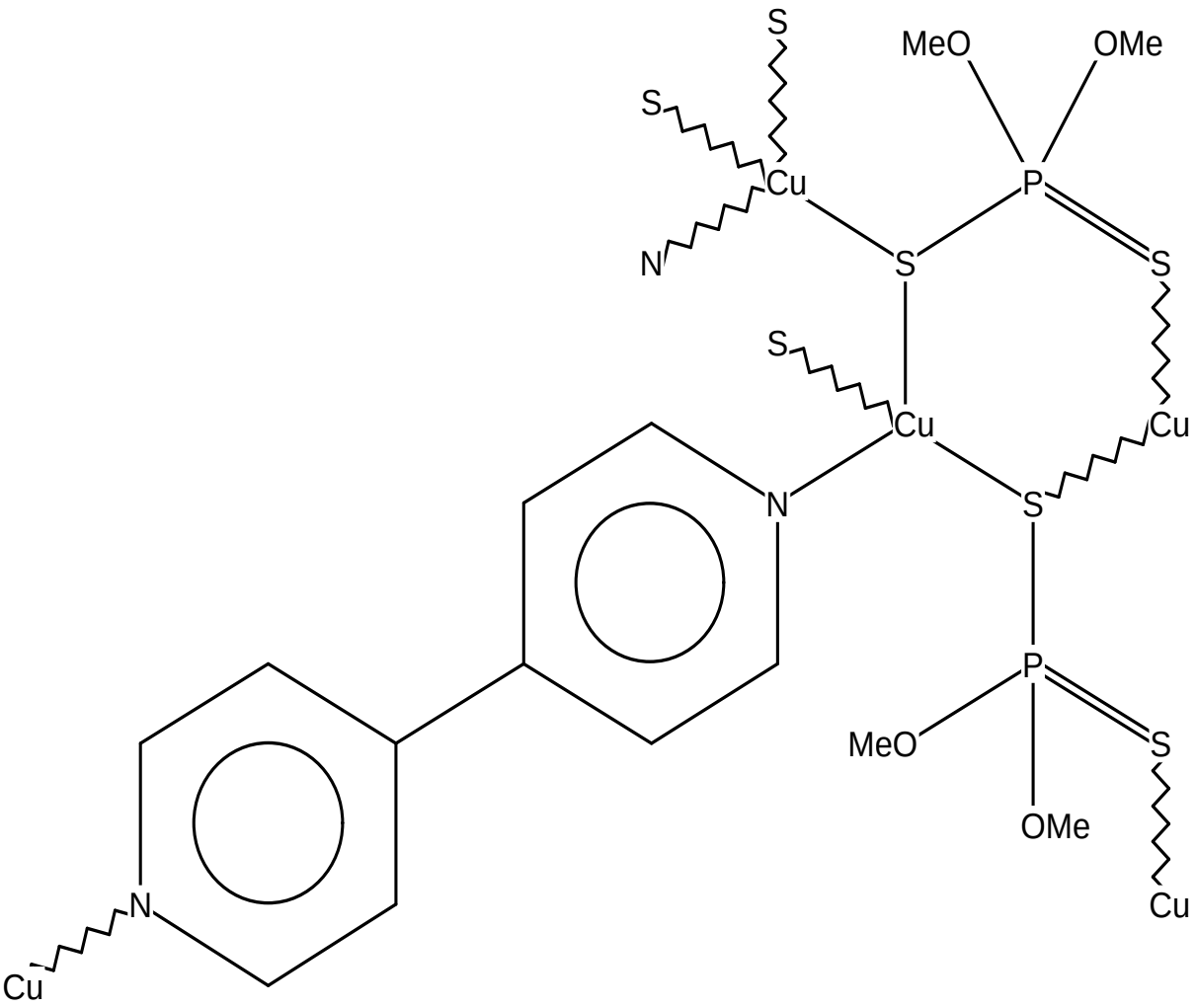
DECWIS

Reference: Zhihua Li, Jianrong Li, Shaowu Du (2006) *J.Mol.Struct. ,* **783,**116

Formula: $(C_{14}\ H_{20}\ Cu_2\ N_2\ O_4\ P_2\ S_4)n$

Compound Name: catena-(bis(μ_3-Dimethyldithiophosphato)-(μ_2-4,4'-bipyridine)-di-copper(i))

Space Group:	P21/n	***Cell:***	***a***	9.405(5)	***b***	5.755(3)	***c***	20.554(11)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.55(0)	γ	90.00
R-Factor (%):	5.47	***Temperature(K):***	293		***Density(g/cm^3):***	1.809		



Search: search1 (Thu May 26 10:05:42 2011): Hit 393

DECWOY

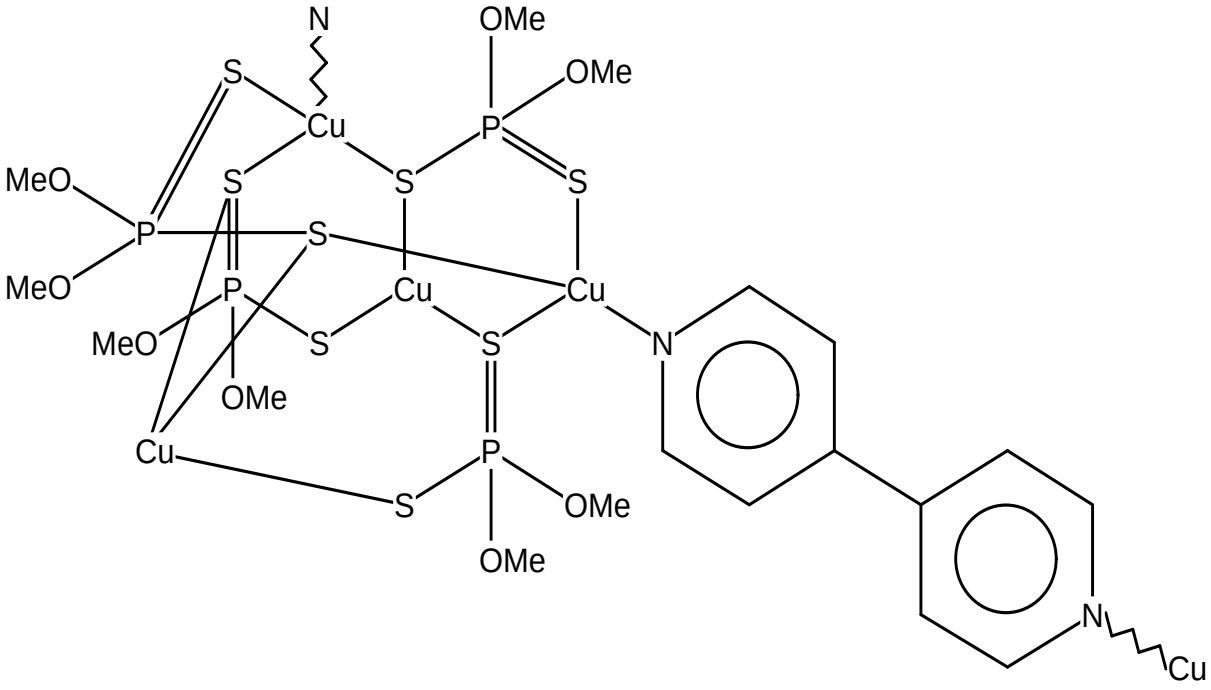
Reference: Zhihua Li, Jianrong Li, Shaowu Du (2006) *J.Mol.Struct. ,* **783,**116

Formula: $(C_{18}\ H_{32}\ Cu_4\ N_2\ O_8\ P_4\ S_8)n$

Compound Name: catena-(tetrakis(μ_3-Dimethyldithiophosphonato)-(μ_2-4,4'-bipyridine)-tetra-copper(i))

Space Group:	C2/c	***Cell:***	***a***	15.437(4)	***b***	18.402(5)	***c***	13.078(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.96(0)	γ	90.00

R-Factor (%): 3.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.860



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 394

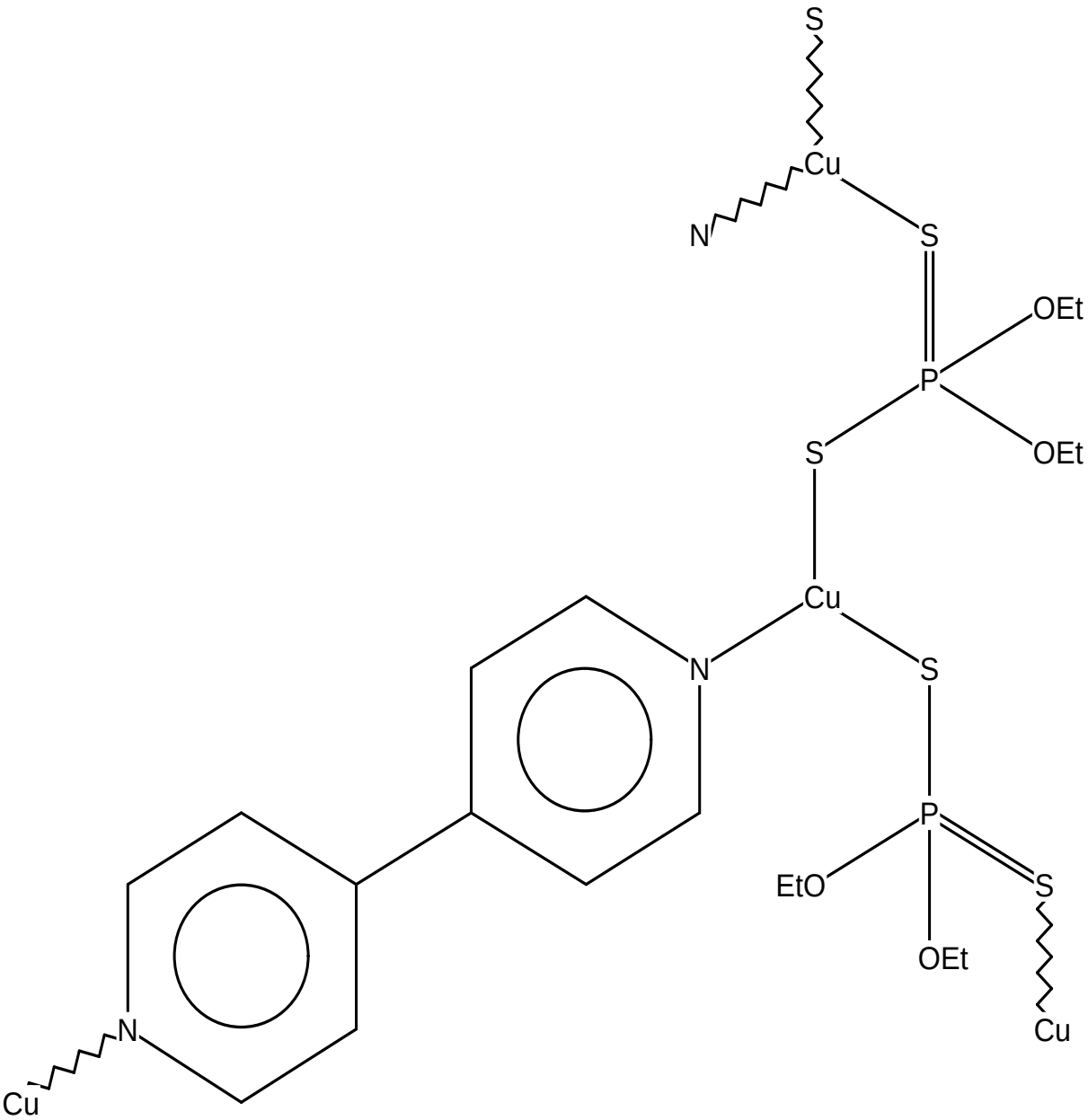
DECWUE

Reference: Zhihua Li, Jianrong Li, Shaowu Du (2006) *J.Mol.Struct.* , **783,**116

Formula: $(C_{18}\ H_{28}\ Cu_2\ N_2\ O_4\ P_2\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-dimethyldithiophosphonato)-di-copper(i))

Space Group:	P-1	***Cell:***	***a***	5.994(2)	***b***	7.949(3)	***c*** 13.868(5)
Space Group No.:	2	***(Å,°)***	α	101.15(0)	β	95.82(0)	γ 101.18(0)
R-Factor (%):	1.93	***Temperature(K):***	293		***Density(g/cm^3):***		1.725



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 395

DECXIT

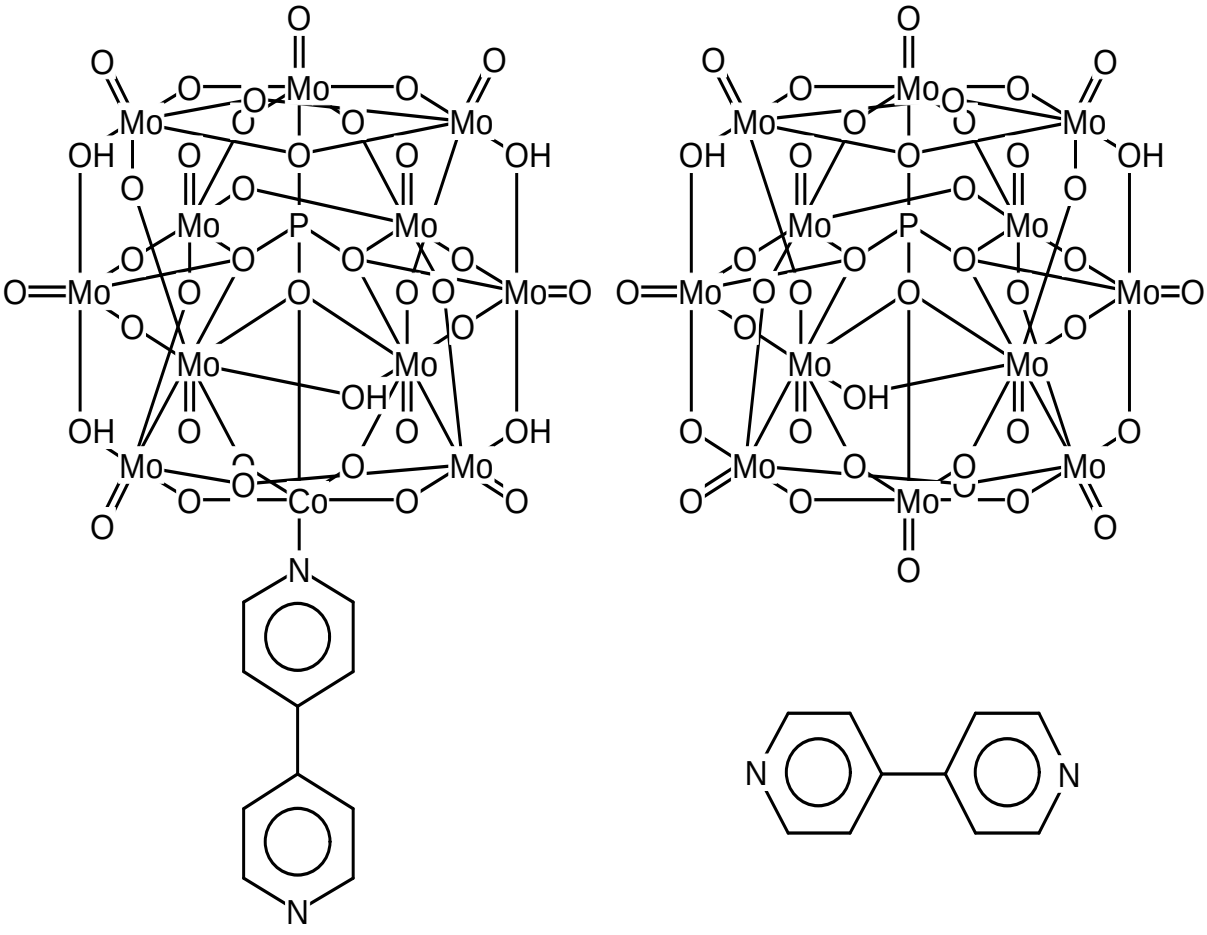
Reference: Yuan-Biao Huang, Jian-Xin Chen, Ting-Yan Lan, Xiu-Qing Lu, Chun-Xia Wei, Zhong-Shui Li, Zhi-Chun Zhang (2006) *J.Mol.Struct. ,***783,**168

Formula: $H_3\ Mo_{12}\ O_{40}\ P_1, C_{10}\ H_{13}\ Co_1\ Mo_{11}\ N_2\ O_{39}\ P_1, 3.75(C_{10}\ H_8\ N_2), 1.5(H_2\ O_1)$

Compound Name: (μ_{12}-Phosphato)-pentakis(μ_2-hydroxo)-nonadecakis(μ_2-oxo)-(4,4'-bipyridine)-undecaoxo-cobalt-undeca-molybdenum (μ_{12}-phosphato)-tris(μ_2-hydroxo)-henicosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum 4,4'-bipyridine solvate sesquihydrate

Space Group:	P21/n	***Cell:***	***a***	23.760(1)	***b*** 17.951(1)	***c***	25.594(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.64(0)	γ	90.00

R-Factor (%): 5.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.705



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 396

DECXOZ

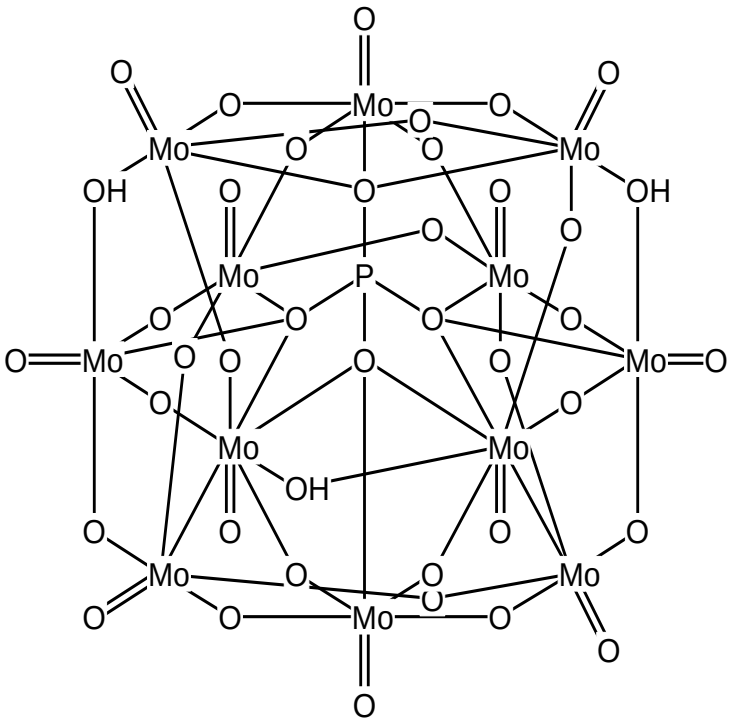
Reference: Yuan-Biao Huang, Jian-Xin Chen, Ting-Yan Lan, Xiu-Qing Lu, Chun-Xia Wei, Zhong-Shui Li, Zhi-Chun Zhang (2006) *J.Mol.Struct. ,***783,**168

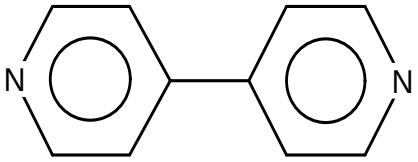
Formula: $H_3\ Mo_{12}\ O_{40}\ P_1,2(C_{10}\ H_8\ N_2),1.5(H_2\ O_1)$

Compound Name: (μ_{12}-Phosphato)-tris(μ_2-hydroxo)-henicosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum 4,4'-bipyridine solvate sesquihydrate

Space Group:	P21/c	***Cell:***	***a***	11.437(0)	***b***	21.299(1)	***c***	21.490(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.42(0)	γ	90.00

R-Factor (%): 6.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.777





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 397

DEDJAX

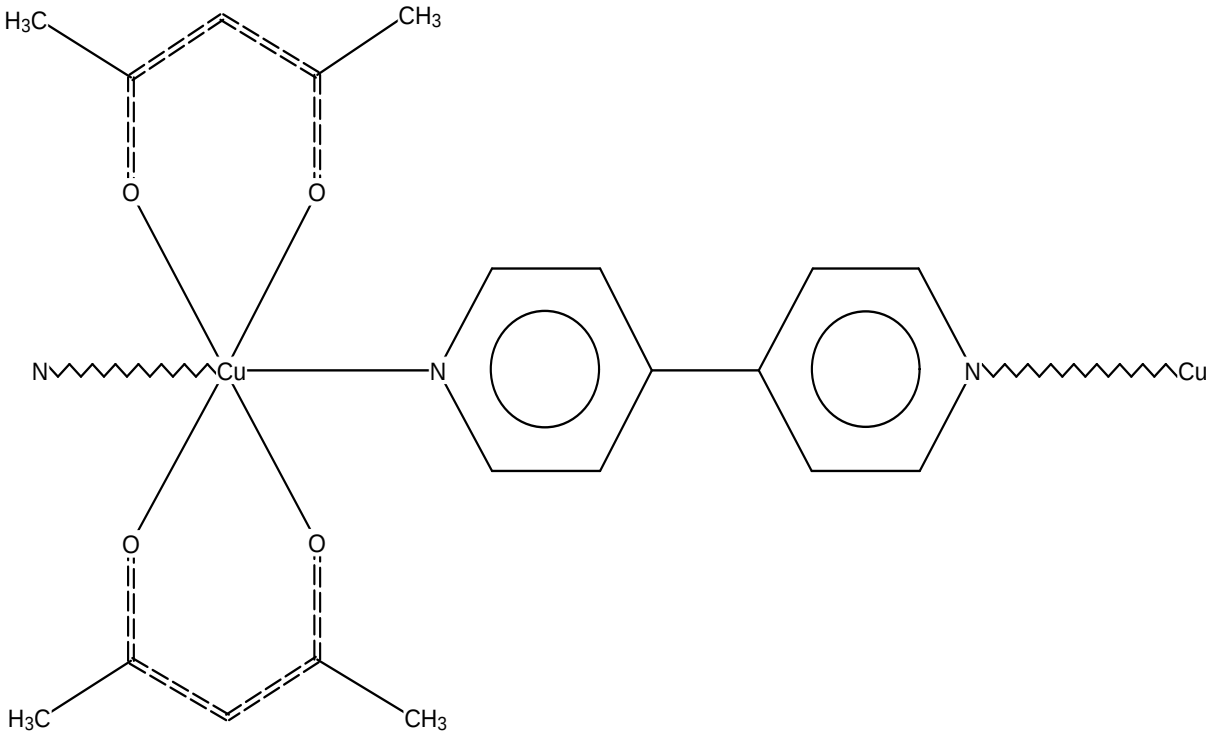
Reference: Shi Shu, Xu Yuanzhi (1985)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**4,**38

Formula: $(C_{20}\ H_{22}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena((μ_2-4,4'-Bipyridyl)-bis(acetylacetonato-O,O')-copper(ii))

Space Group:	P21/n	***Cell:***	***a***	11.288(5)	***b***	14.507(6)	***c***	11.978(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.17(2)	γ	90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.419



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 398

DEDJAX10

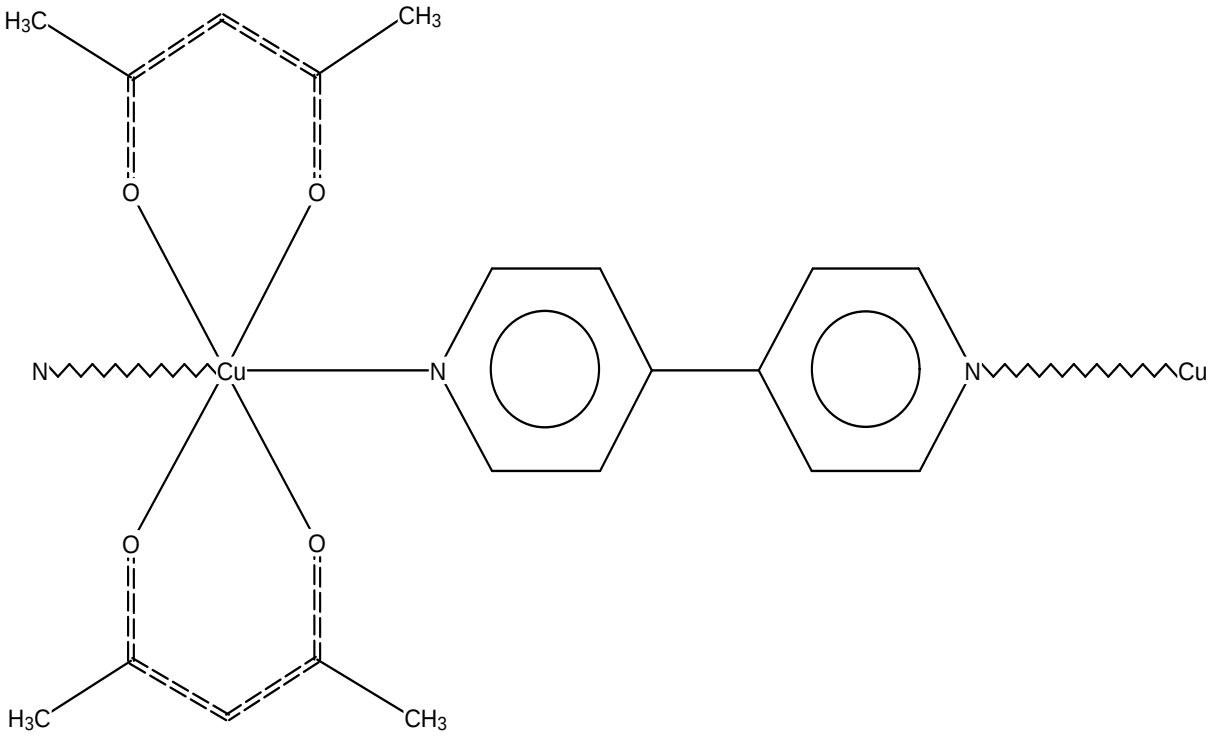
Reference: Xu Yuang-Zhi, Shi Shu (1986)
Huaxue Xuebao(Chin.)(Acta Chim.Sinica) ,**44,**336

Formula: $(C_{20}\ H_{22}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena(bis(μ_2-4,4'-Bipyridyl)-bis(acetylacetonato-O,O')-copper(ii))

Space Group:	P21/n	***Cell:***	***a***	11.288(5)	***b***	14.507(6)	***c***	11.978(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.17	γ	90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.419



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 399

DEDJAX11

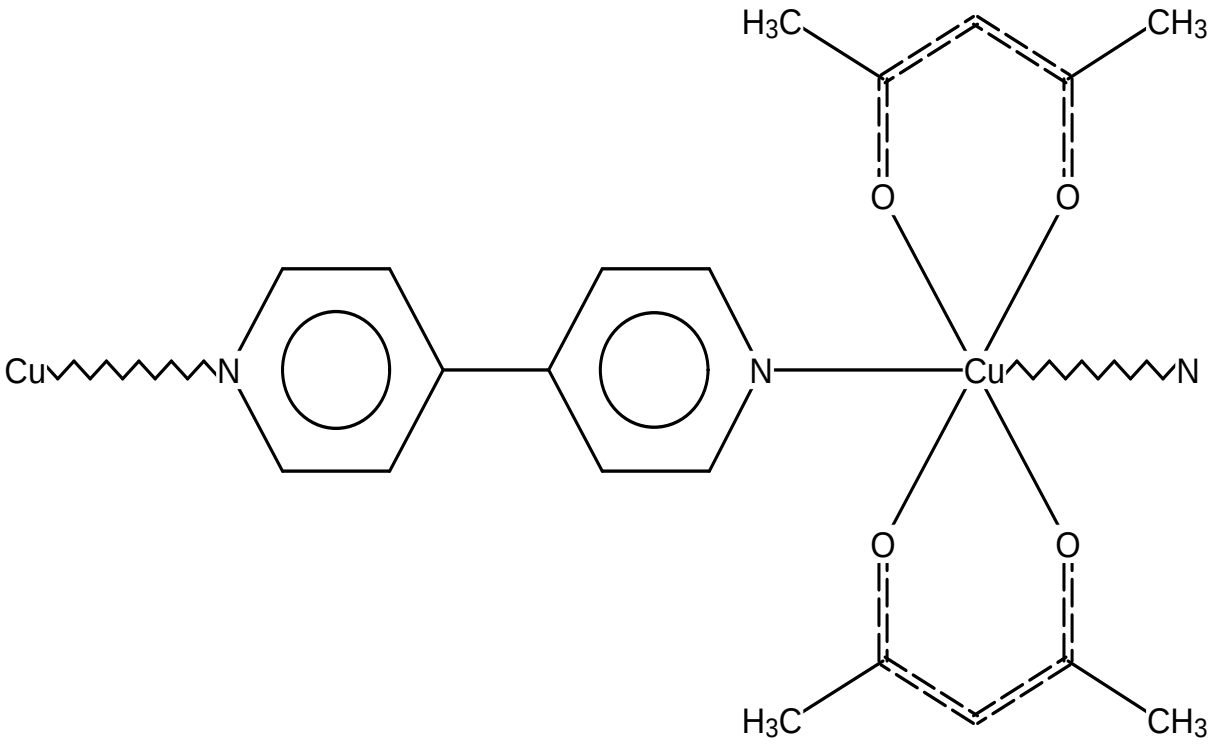
Reference: C.Biswas, S.Chattopadhyay, M.G.B.Drew, A.Ghosh (2007) *Polyhedron* ,**26,**4411

Formula: $(C_{20}\ H_{22}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(acetylacetonato)-copper(ii))

Space Group:	P21/n	***Cell:***	***a***	11.216(0)	***b***	14.352(0)	***c***	11.941(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.99(0)	γ	90.00

R-Factor (%): 10.99 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.446



Search: search1 (Thu May 26 10:05:42 2011): Hit 400

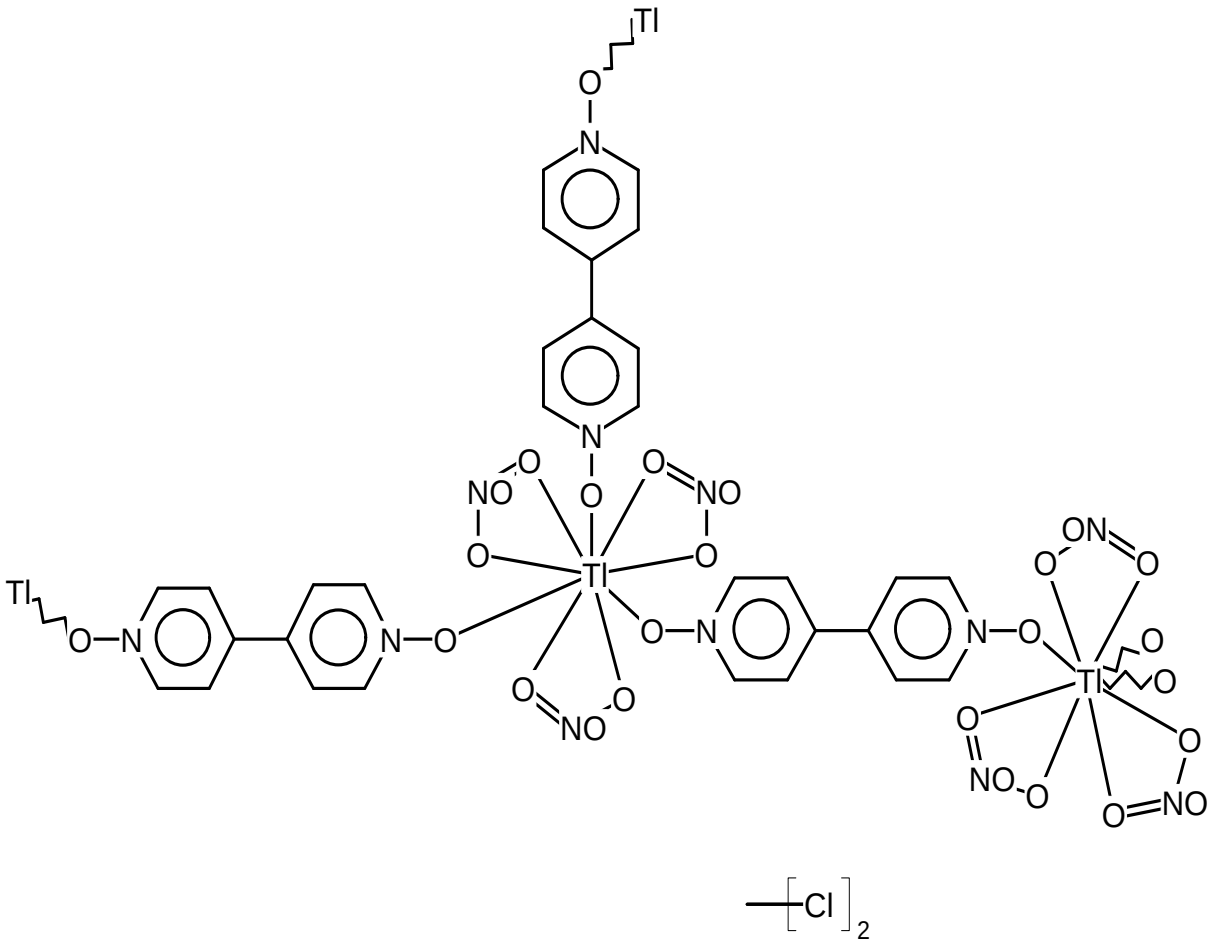
DEFYUJ

Reference: L.J.Moitsheki, S.A.Bourne, L.R.Nassimbeni (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m542

Formula: $(C_{30}\ H_{24}\ N_{12}\ O_{24}\ Tl_2)n,2n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxide)-hexakis(nitrato-O,O')-di-thallium(iii) dichloromethane clathrate)

Space Group:	P-1	***Cell:***	***a***	8.043(1)	***b*** 11.687(2)	***c***	13.079(3)
Space Group No.:	2	***(Å,°)***	α	86.51(3)	β 79.83(3)	γ	78.75(3)
R-Factor (%):	3.58	***Temperature(K):***	203		***Density(g/cm^3):***		2.121



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 401

DEHYOF

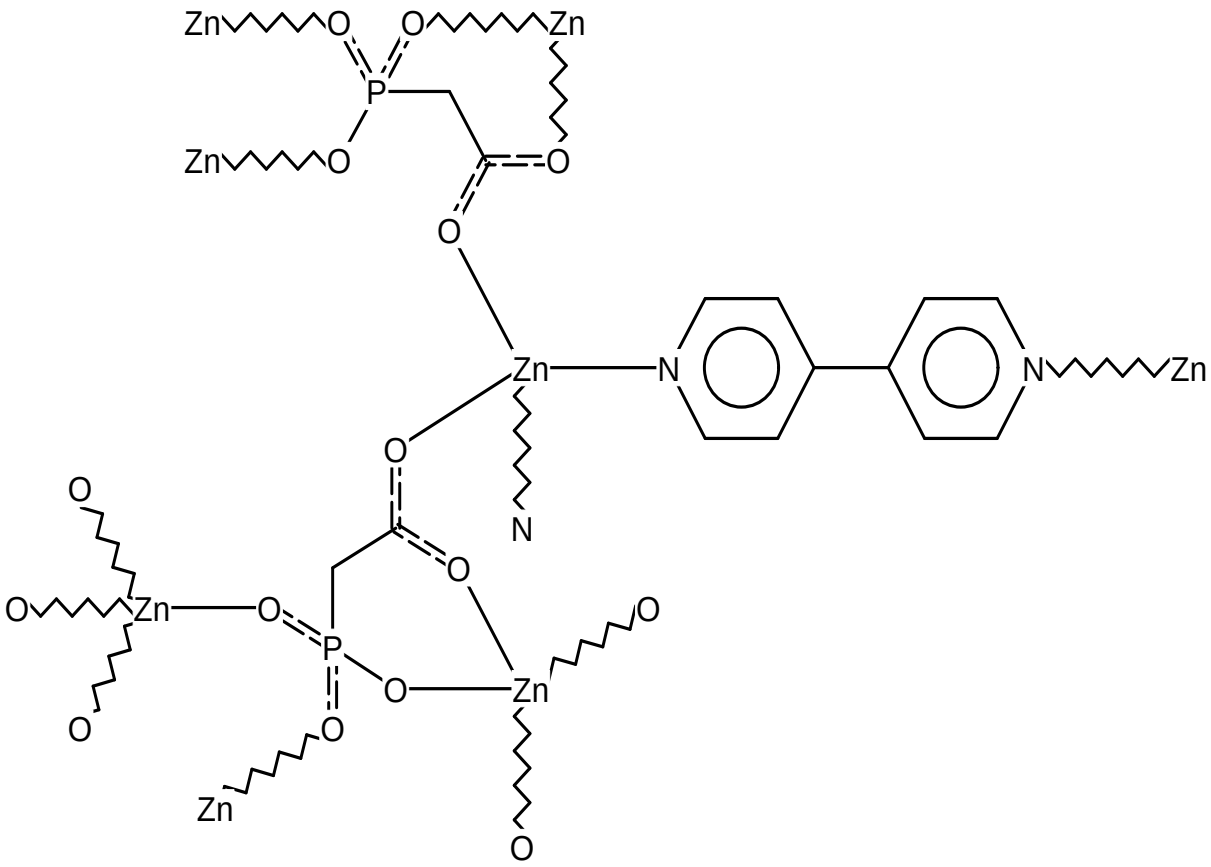
Reference: Juan-Juan Hou, Xian-Ming Zhang (2006)
Cryst.Growth Des. ,**6,**1445

Formula: $(C_{14}\ H_{12}\ N_2\ O_{10}\ P_2\ Zn_3)n$

Compound Name: catena-(bis(μ_4-Phosphonoacetato)-(μ_2-4,4'-bipyridine)-tri-zinc(ii))

Space Group:	Cc	***Cell:***	***a***	21.790(3)	***b*** 5.661(0)	***c***	16.867(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β 112.95(0)	γ	90.00

R-Factor (%): 3.17 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.171



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 402

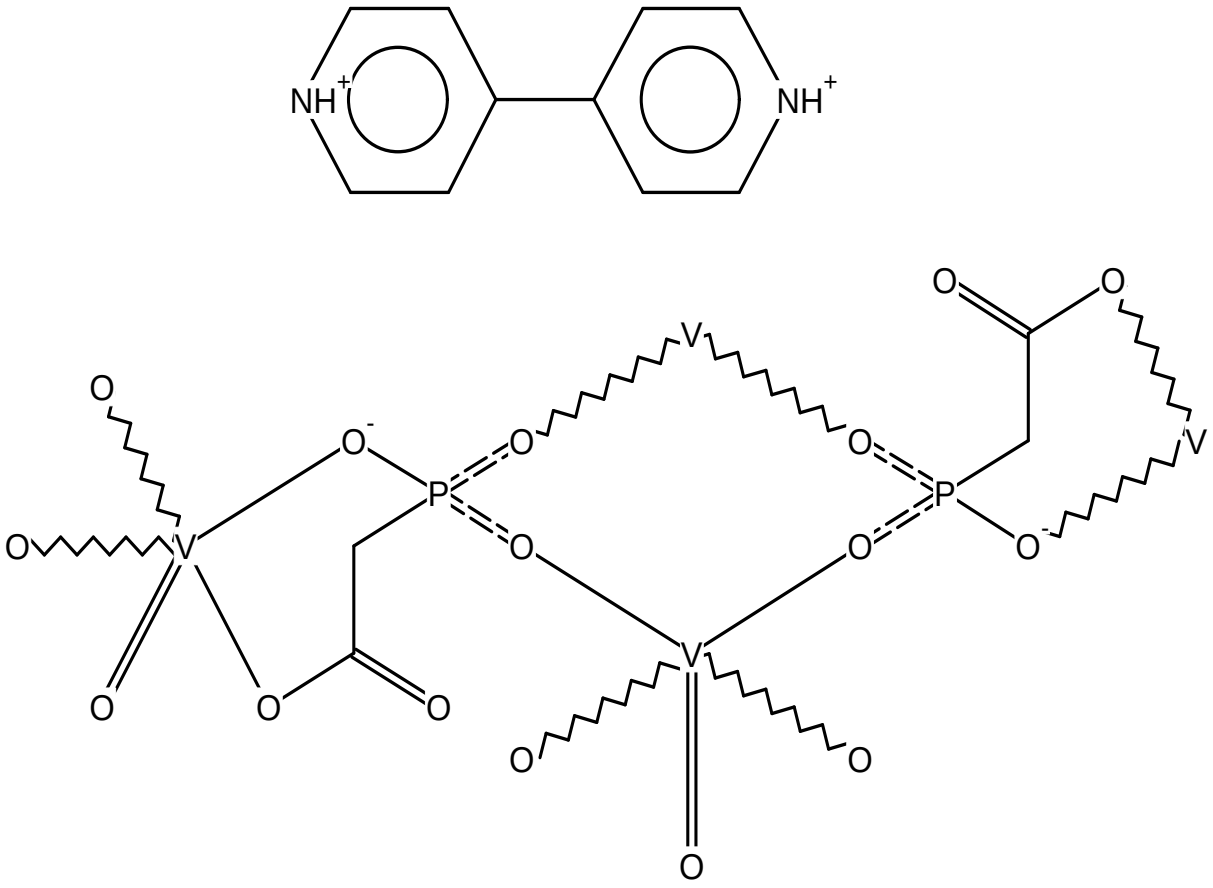
DEHZEW

Reference: Juan-Juan Hou, Xian-Ming Zhang (2006)
Cryst.Growth Des. ,**6,**1445

Formula: $(C_4 H_4 O_{12} P_2 V_2^{2-})n,n(C_{10} H_{10} N_2^{2+})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_3-phosphonoacetato)-dioxo-di-vanadium(iv))

Space Group:	P1	***Cell:***	***a***	4.853(1)	***b***	10.327(3)	***c*** 10.398(3)
Space Group No.:	1	***(Å,°)***	α	63.70(0)	β	87.70(0)	γ 86.26(0)
R-Factor (%):	7.93	***Temperature(K):***	293		***Density(g/cm^3):***		2.017



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 403

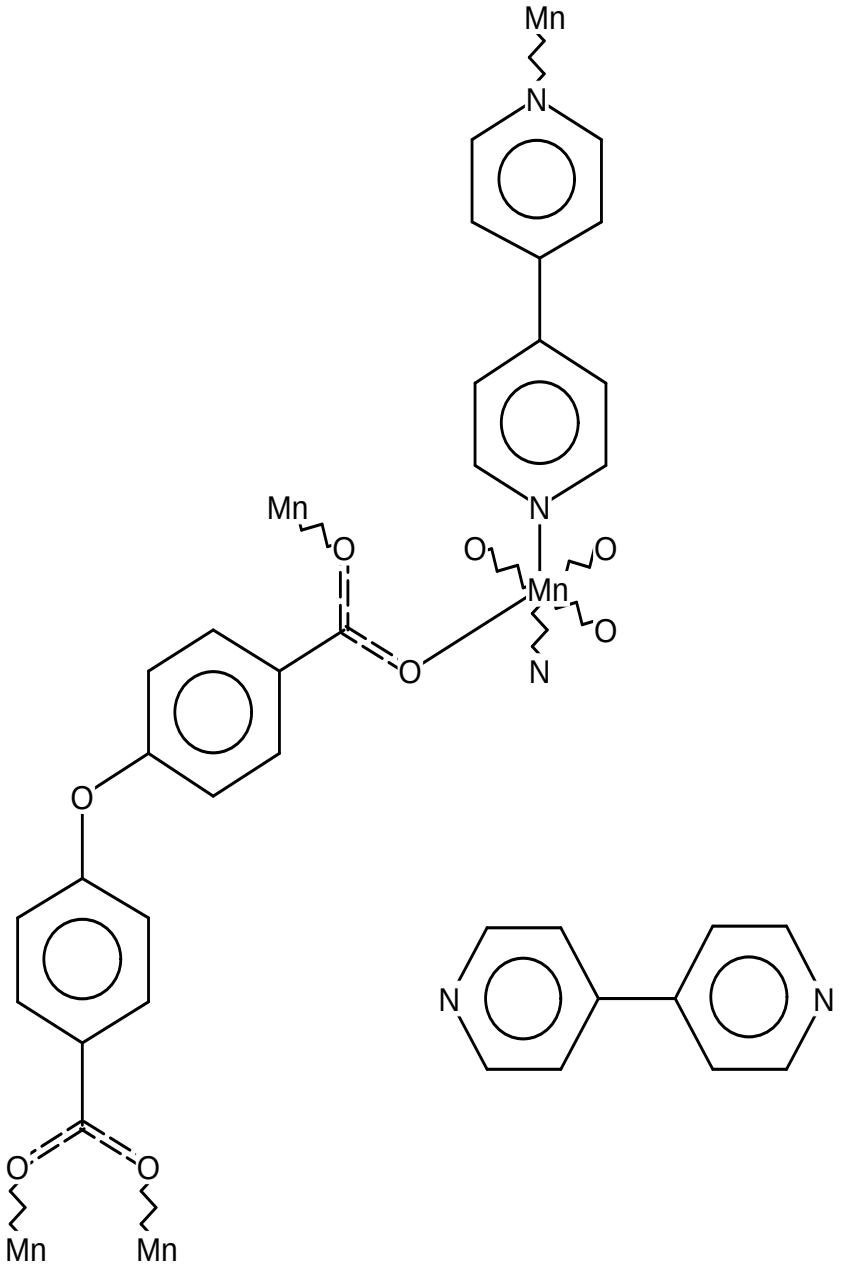
DEKHEH

Reference: Chang-Yan Sun, Song Gao, Lin-Pei Jin (2006)
Eur.J.Inorg.Chem. ,2411

Formula: $(C_{24}\ H_{16}\ Mn_1\ N_2\ O_5)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_4-4,4'-Oxybis(benzoato))-(μ_2-4,4'-bipyridine)-manganese(ii) 4,4'-bipyridine clathrate)

Space Group:	P2/c	***Cell:***	***a***	13.251(4)	***b***	11.742(4)	***c***	9.317(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.20(0)	γ	90.00
R-Factor (%):	5.44	***Temperature(K):***	293		***Density(g/cm^3):***	1.428		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 404

DEKHUX

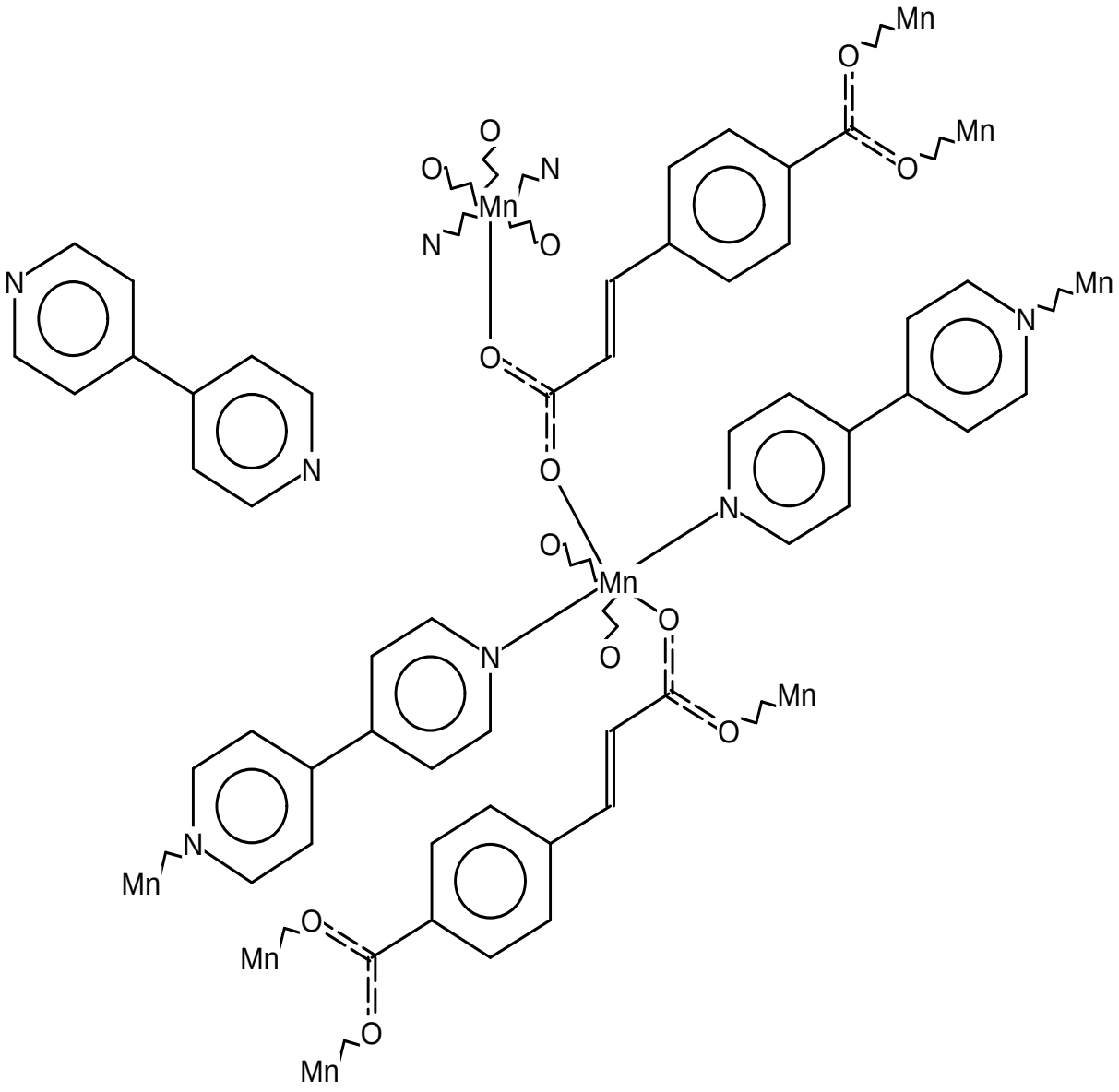
Reference: Chang-Yan Sun, Song Gao, Lin-Pei Jin (2006)
Eur.J.Inorg.Chem. ,2411

Formula: $(C_{40}\ H_{28}\ Mn_2\ N_4\ O_8)n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((4-Carboxycinnamato)-(μ_2-4,4'-bipyridine))-di-manganese(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a*** 10.224(2)	***b*** 11.723(2)	***c*** 12.227(2)
Space Group No.:	2	***(Å,°)***	α 65.98(0)	β 71.31(0)	γ 84.62(0)

R-Factor (%): 5.09 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.461



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 405

DEKNUD

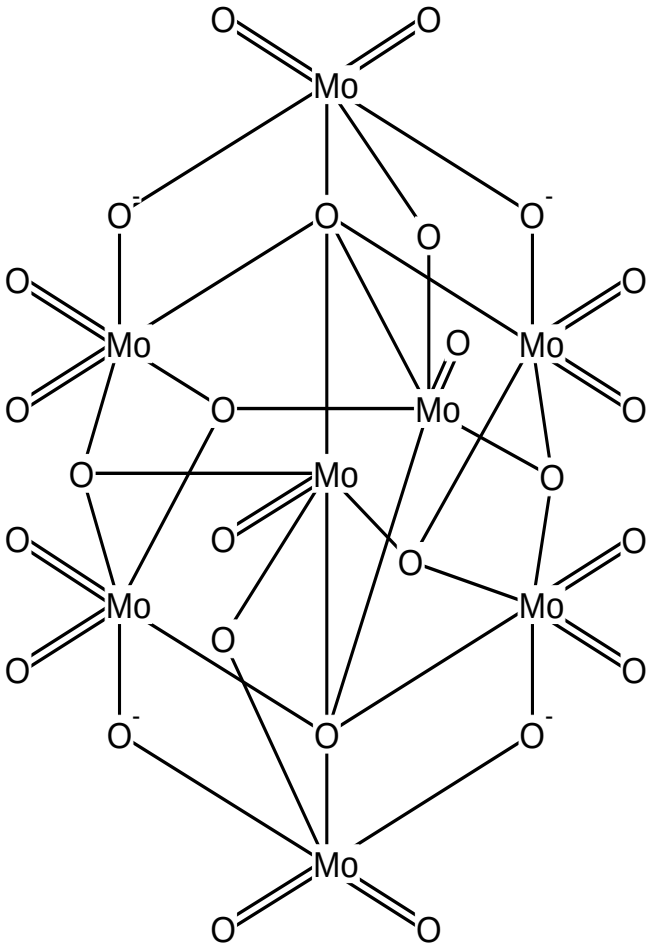
Reference: Yiping Chen, Hanhui Zhang, Xuezhen Wang, Changcang Huang, Yanning Cao, Ruiqing Sun (2006) *J.Solid State Chem. ,***179,**1674

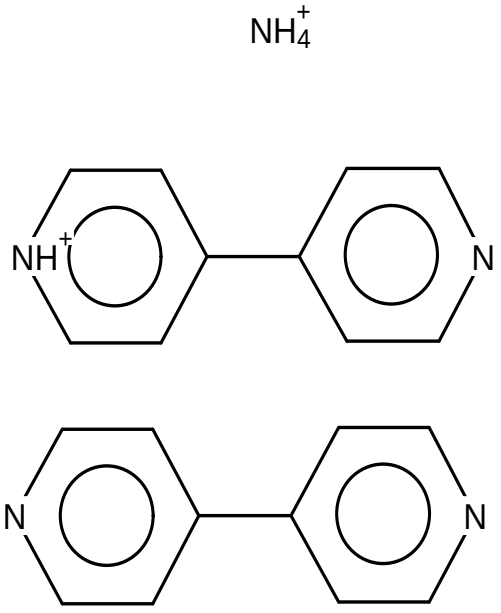
Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),2(H_4\ N_1\ ^{1+}),Mo_8\ O_{26}\ ^{4-},3(C_{10}\ H_8\ N_2)$

Compound Name: Diammonium bis(4,4'-bipyridinium) β-octamolybdate 4,4'-bipyridinium solvate

Space Group:	C2/c	***Cell:***	***a***	10.202(2)	***b*** 32.419(7)	***c***	18.835(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.03(3)	γ	90.00

R-Factor (%): 6.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.183





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 406

DEKPIT

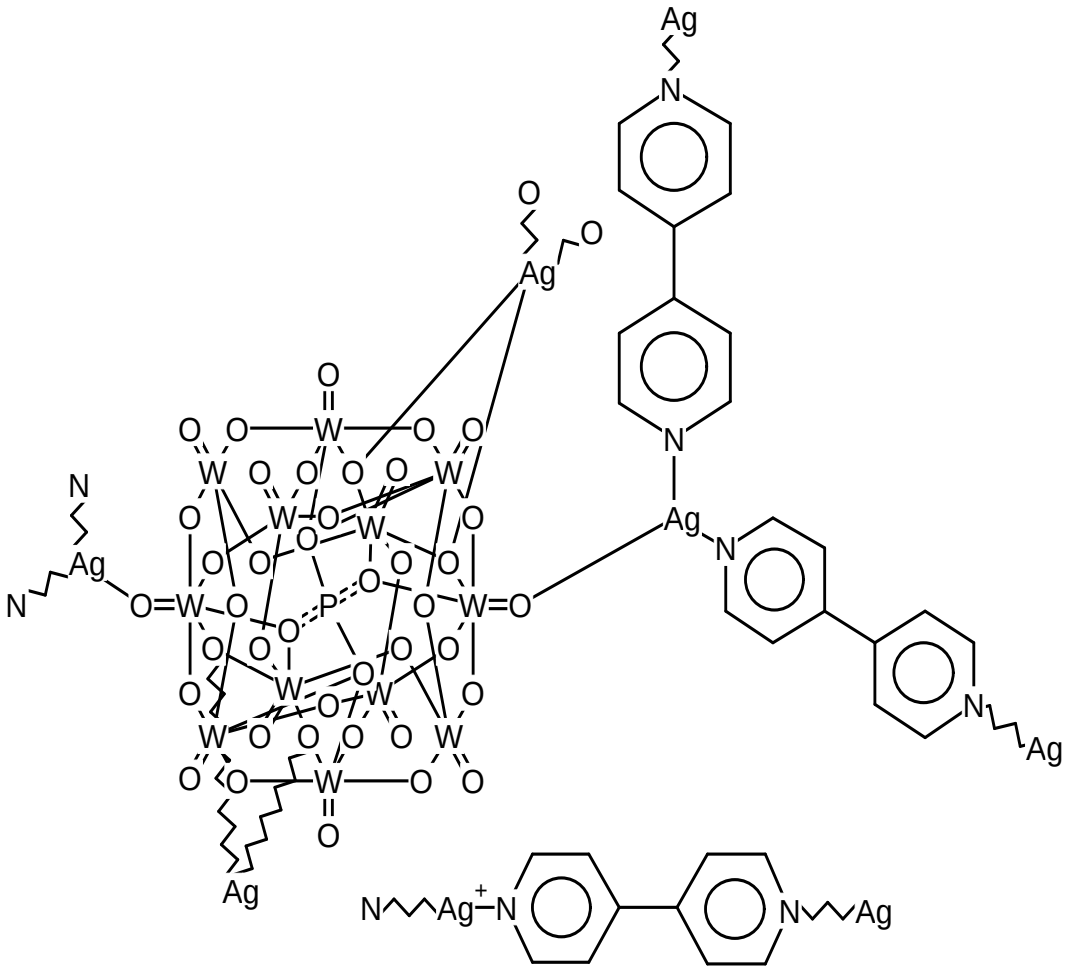
Reference: Jian-Xin Chen, Ting-Yan Lan, Yuan-Biao Huang, Chun-Xia Wei, Zhong-Shui Li, Zhi-Chun Zhang (2006) *J.Solid State Chem. ,***179,**1904

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(H_1\ O_1\ ^{1-}),n(C_{20}\ H_{16}\ Ag_3\ N_4\ O_{40}\ P_1\ W_{12}),3.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-silver(i) (μ_8-phosphato)-tetrakis(μ_3-oxo)-bis(μ_2-4,4'-bipyridine)-docosakis(μ_2-oxo)-decaoxo-tri-silver(i)-dodeca-tungsten hydroxide hydrate)

Space Group:	P-1	***Cell:***	***a***	10.274(0)	***b***	11.372(0)	***c***	14.016(0)
Space Group No.:	2	***(Å,°)***	α	85.72(0)	β	72.88(0)	γ	79.95(0)

R-Factor (%): 3.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.157



OH^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 407

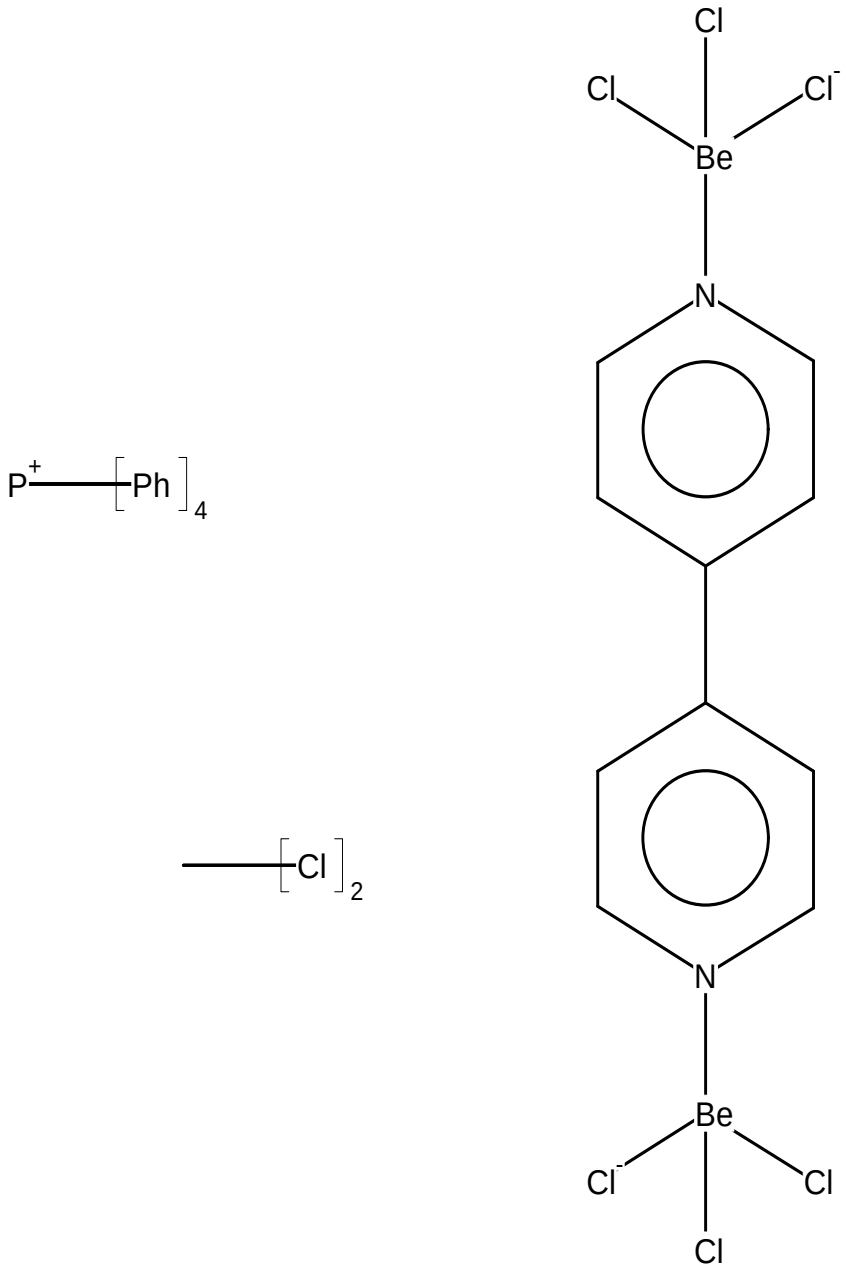
DELGEH

Reference: B.Neumuller, K.Dehnicke (2006) *Z.Anorg.Allg.Chem.* ,**632,** 1206

Formula: $2(C_{24}\ H_{20}\ P_1\ ^{1+}),C_{10}\ H_8\ Be_2\ Cl_6\ N_2\ ^{2-},2(C_1\ H_2\ Cl_2)$

Compound Name: bis(Tetraphenylphosphonium) (μ_2-4,4'-bipyridyl)-hexachloro-di-beryllium dichloromethane solvate

Space Group:	P-1	***Cell:***	***a***	10.954(1)	***b***	15.596(2)	***c***	18.698(3)
Space Group No.:	2	***(Å,°)***	α	79.12(1)	β	73.83(1)	γ	78.76(1)
R-Factor (%):	5.48	***Temperature(K):***	173		***Density(g/cm^3):***	1.378		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 408

DELTAQ

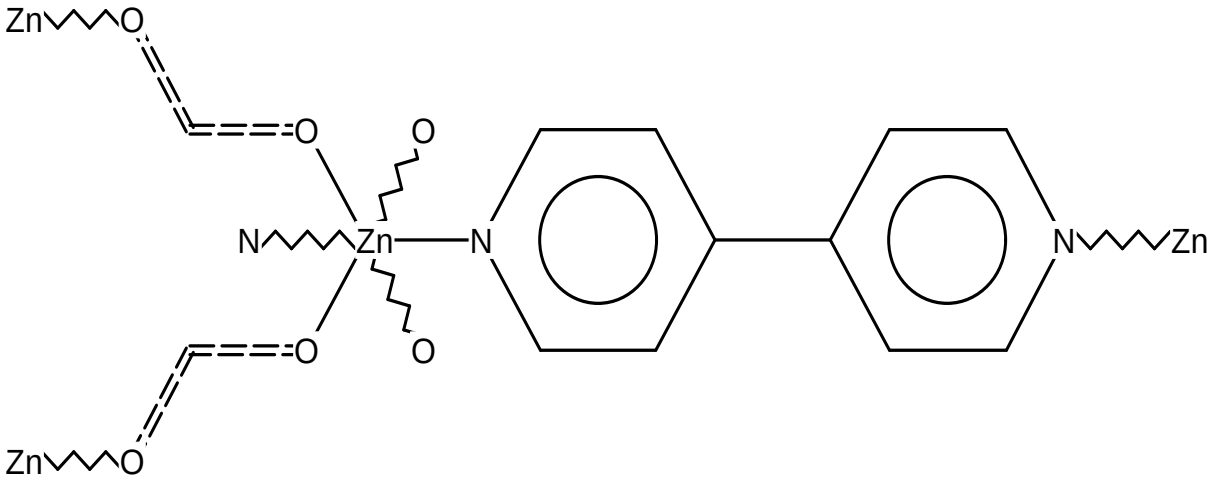
Reference: Xiao-He Miao, Hong-Ping Xiao, Long-Guan Zhu (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m1756

Formula: $(C_{12}\ H_{10}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-(μ_2-(4,4'-Bipyridine-N,N')-bis(μ_2-formato-O,O')-zinc(ii))

Space Group:	P41212	***Cell:***	***a***	7.969(0)	***b***	7.969(0)	***c*** 17.721(1)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 1.94 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.839



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 409

DELTAQ01

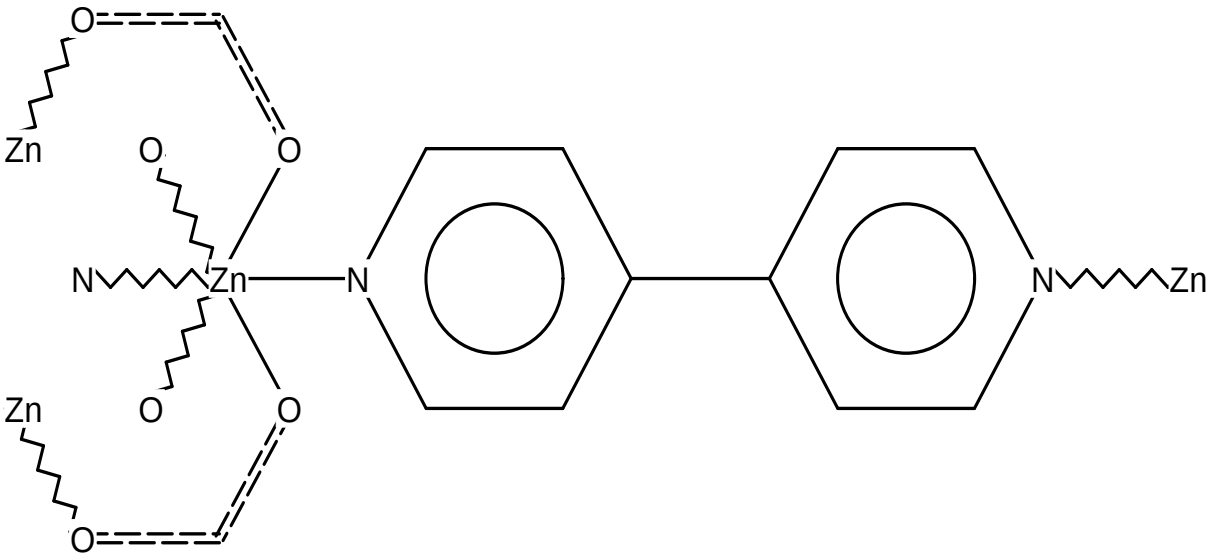
Reference: Deng-Qing Zhang, Wen-Hua Zhang, Jin-Xiang Chen, Zhi-Gang Ren, Yong Zhang, Jian-Ping Lang (2005) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**63,**2089

Formula: $(C_{12}\ H_{10}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-(bis(μ_2-2,2'-Bipyridine)-bis(μ_2-formato)-zinc)

Space Group:	P43212	***Cell:***	***a***	7.968(1)	***b***	7.968(1)	***c*** 17.627(4)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 1.83 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.850



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 410

DEQVEB

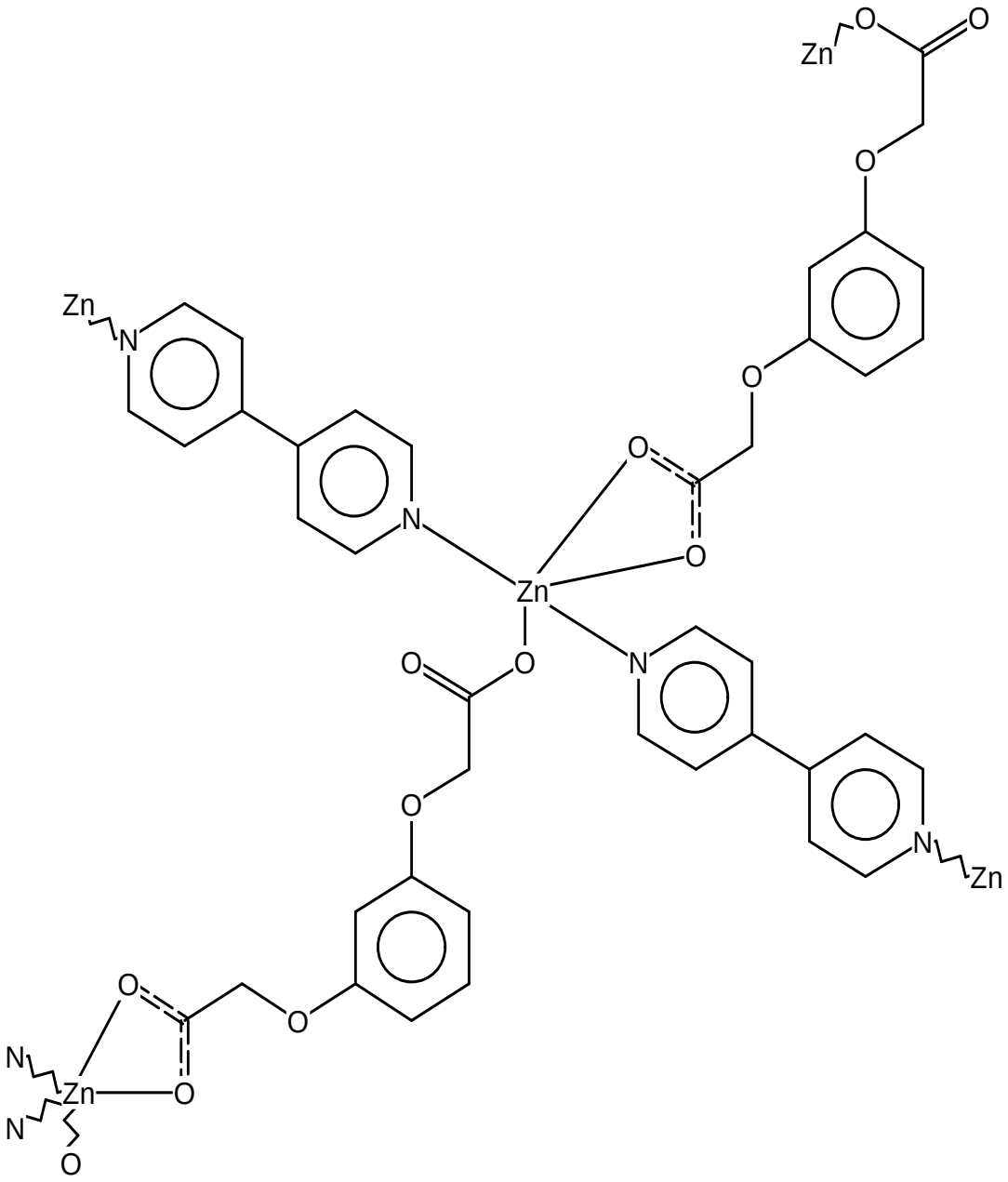
Reference: Xian-Lan Hong, Junfeng Bai, You Song, Yi-Zhi Li, Yi Pan (2006) *Eur.J.Inorg.Chem.* ,3659

Formula: $(C_{40}\ H_{32}\ N_4\ O_{12}\ Zn_2)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(μ$_2$-2,2'-(1,3-phenylenedioxy)-bis(acetato)))-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	6.883(1)	***b***	11.202(3)	***c***	12.295(3)
Space Group No.:	2	***(Å,°)***	α	86.85(0)	β	85.76(0)	γ	72.63(0)

R-Factor (%): 4.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.642



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 411

DEQVIF

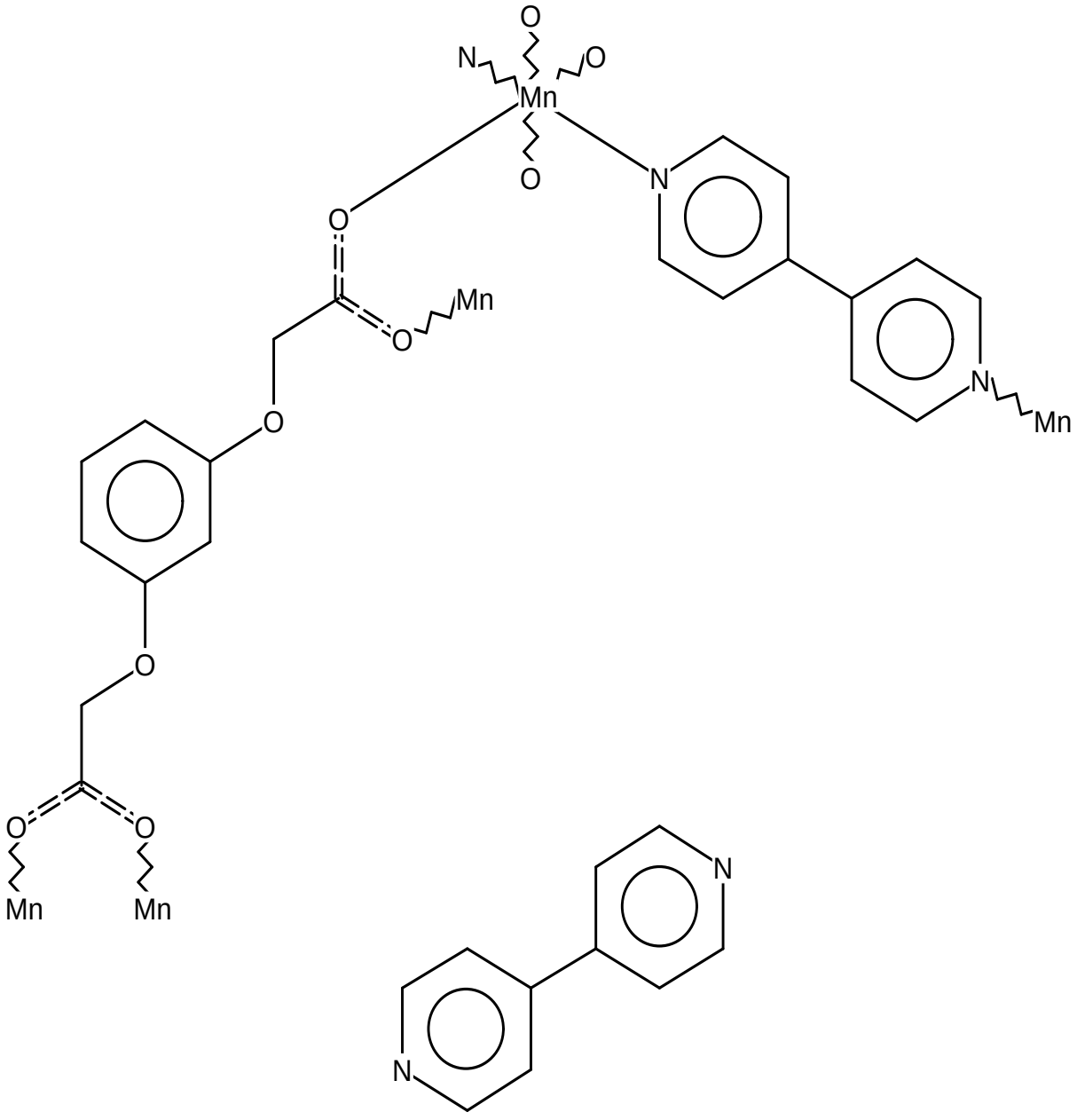
Reference: Xian-Lan Hong, Junfeng Bai, You Song, Yi-Zhi Li, Yi Pan (2006) *Eur.J.Inorg.Chem.* ,3659

Formula: $(C_{20}\ H_{16}\ Mn_1\ N_2\ O_6)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_4-2,2'-(1,3-phenylenedioxy)-bis(acetato))-(μ_2-4,4'-bipyridine)-manganese 4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	11.507(2)	***b***	23.254(5)	***c***	9.871(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.42(0)	γ	90.00

R-Factor (%):	4.98	***Temperature(K):***	293	***Density(g/cm^3):***	1.497



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 412

DEQXIH

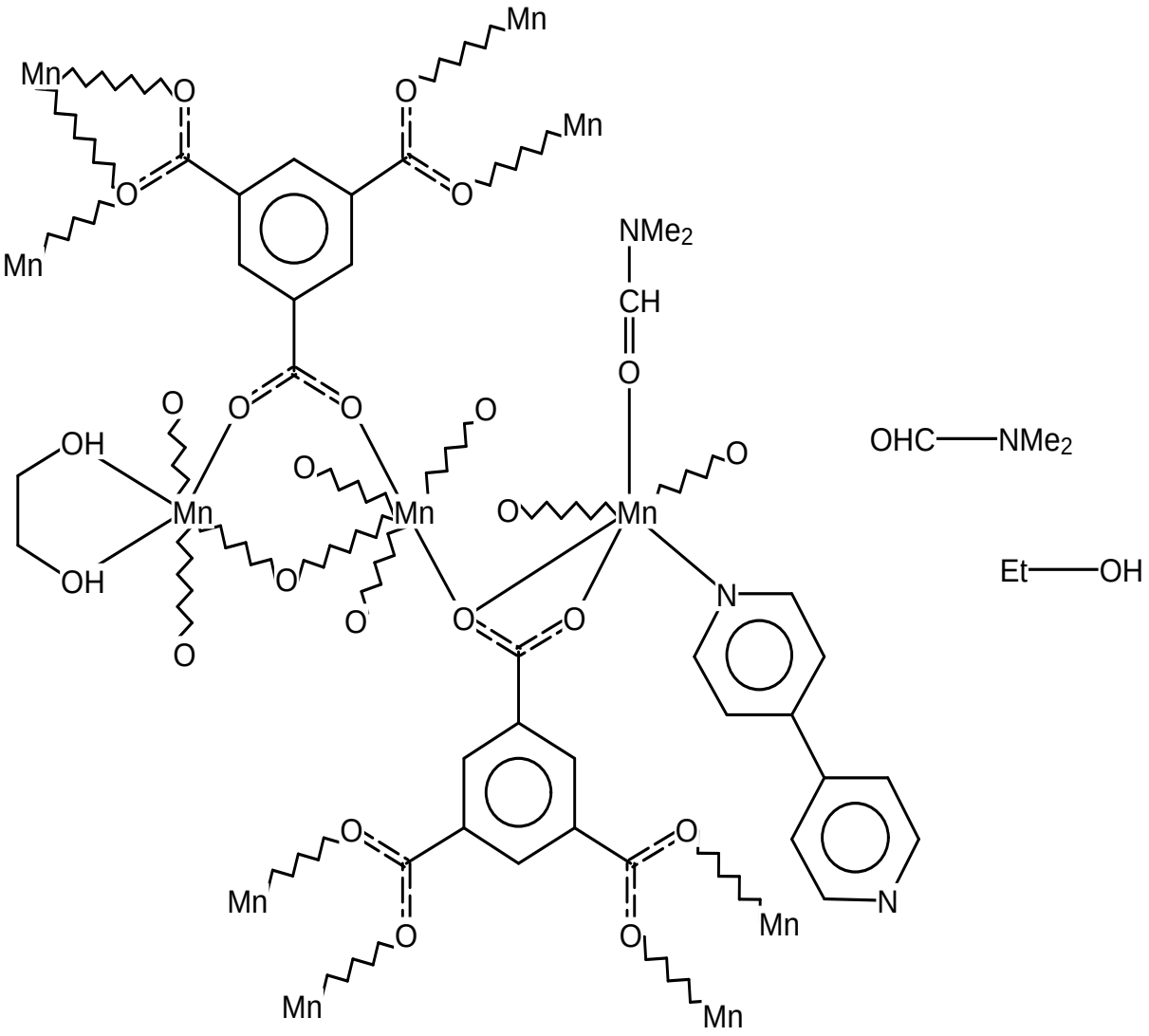
Reference: Qian-Rong Fang, Guang-Shan Zhu, Hong Ding, Ming Xue, Ming-Hong Xin, Gang Wu, Ge Tian, Shi-Lun Qiu (2004) *Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition))* , **25,**2218

Formula: $(C_{33}\ H_{27}\ Mn_3\ N_3\ O_{15})n,n(C_3\ H_7\ N_1\ O_1),0.33n(C_2\ H_6\ O_1)$

Compound Name: catena-[bis(μ_6-Benzene-1,3,5-tricarboxylato)-(4,4'-bipyridyl)-(ethylene glycol)-(dimethylformamide)-tri-manganese(ii) dimethylformamide ethanol solvate]

Space Group:	P21/n	***Cell:***	***a***	16.372(3)	***b*** 14.814(3)	***c***	18.384(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.70(3)	γ	90.00

R-Factor (%):	9.80	***Temperature(K):***	295	***Density(g/cm^3):***	1.560



Search: search1 (Thu May 26 10:05:42 2011): Hit 413

DERYIJ

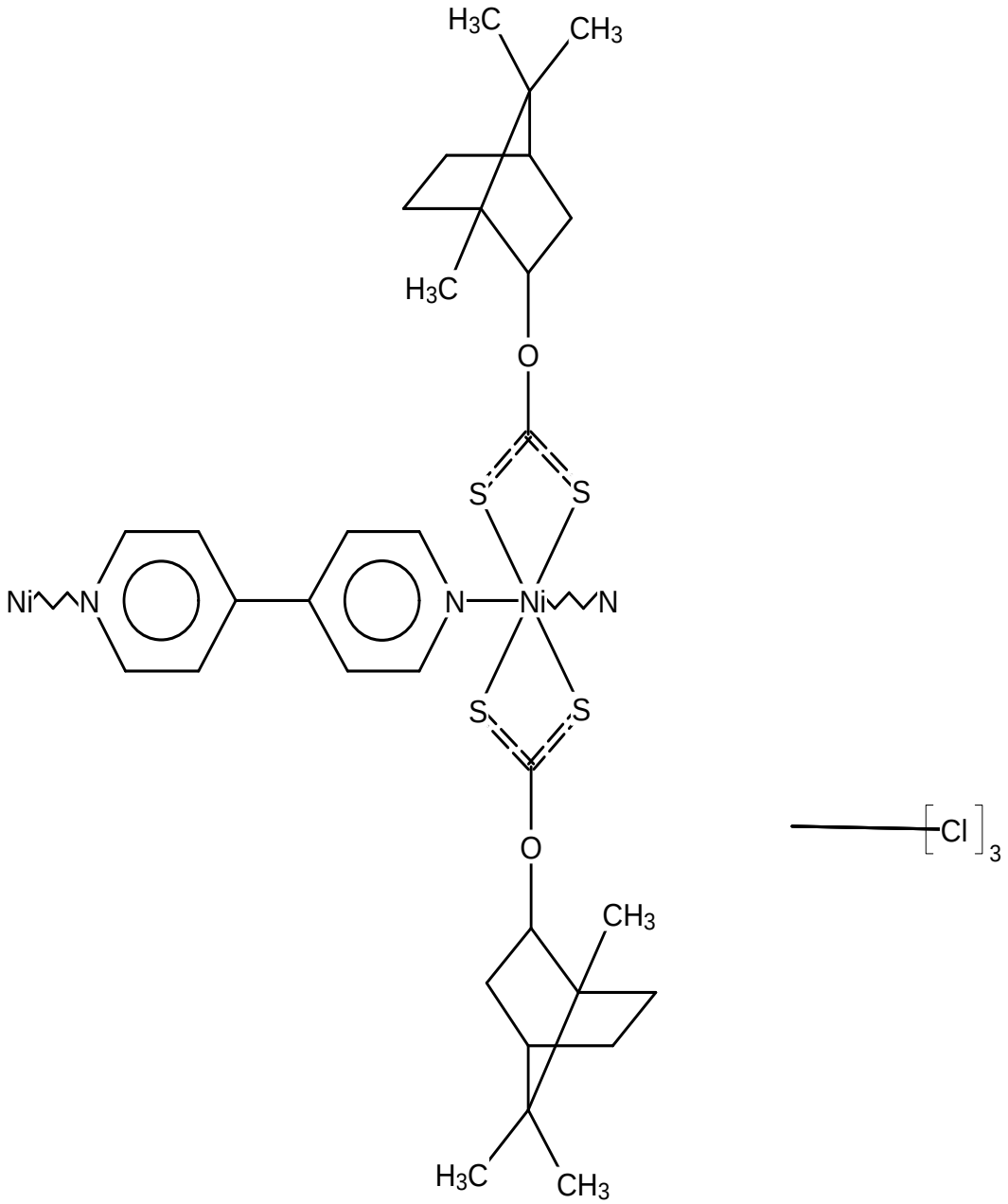
Reference: D.Dakternieks, A.Duthie, Chian-Sing Lai, E.R.T.Tiekink (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,**m3006

Formula: $(C_{32}\ H_{42}\ N_2\ Ni_1\ O_2\ S_4)n,2n(C_1\ H_1\ Cl_3)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(O-bornyldithiocarbonato-S,S')-nickel(ii) chloroform solvate)

Space Group:	C2	***Cell:***	***a***	32.739(2)	***b*** 11.331(0)	***c***	11.964(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β 109.30(0)	γ	90.00

R-Factor (%): 5.90 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.447



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 414

DEWQUS

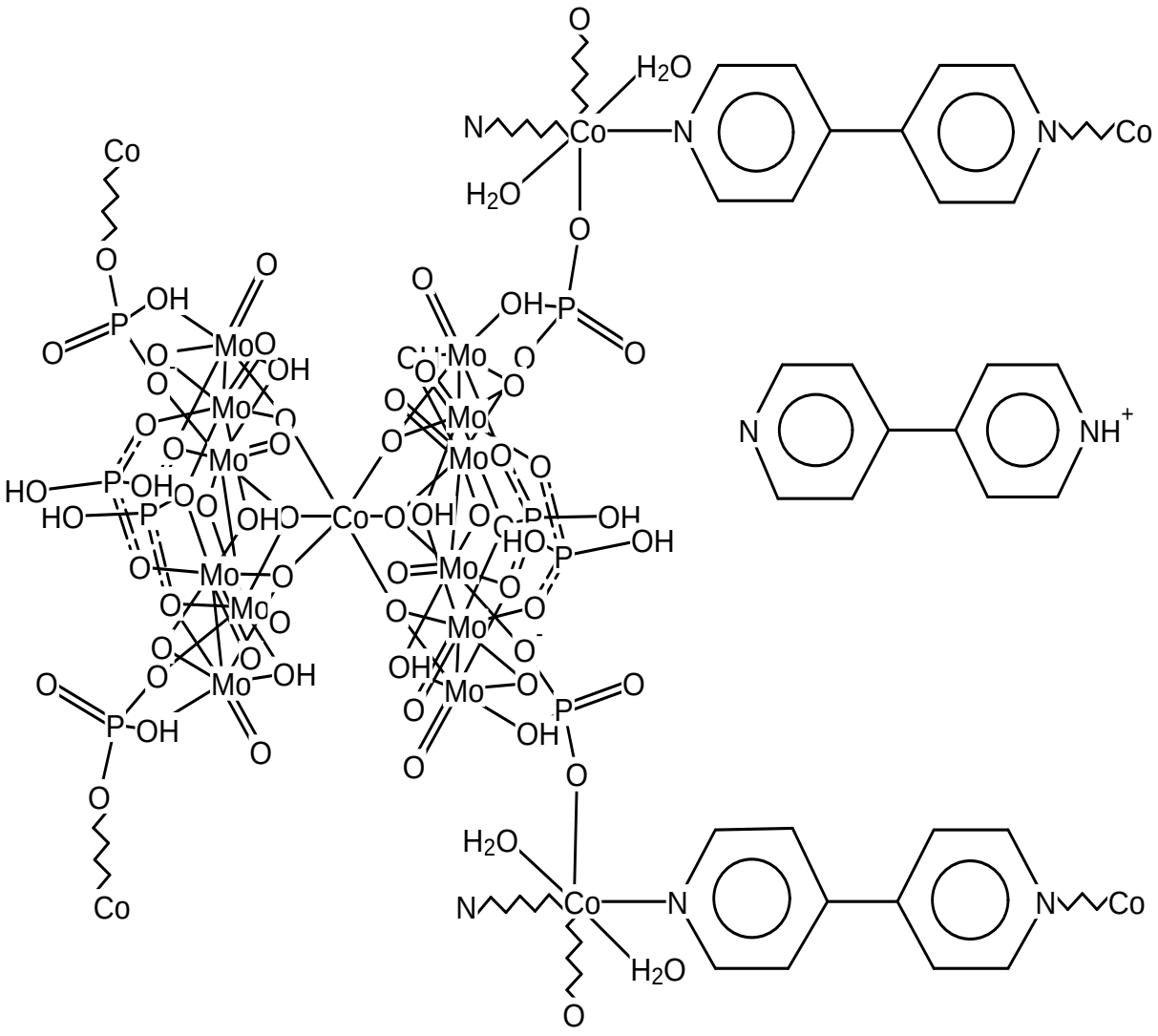
Reference: Ying Ma, Yangguang Li, Enbo Wang, Ying Lu, Xinlong Wang, Dongrong Xiao, Xinxin Xu (2007) *Inorg.Chim.Acta* ,**360,** 421

Formula: $(C_{20}\ H_{40}\ Co_3\ Mo_{12}\ N_4\ O_{66}\ P_8\ ^{2-})n,2n(C_{10}\ H_9\ N_2\ ^{1+})$

Compound Name: catena-[bis(4,4'-bipyridylium) bis(μ_2-4,4'-bipyridine)-bis(dihydrogen phosphato)-hexakis(hydrogen phosphato)-hexahydroxo-tetra-aqua-tri-cobalt-dodecakis(dioxo-molybdenum(v))]

Space Group:	Pccn	***Cell:***	***a***	27.644(6)	***b***	16.017(3)	***c*** 22.902(5)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.150



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 415

DEWRAZ

Reference: Ying Ma, Yangguang Li, Enbo Wang, Ying Lu, Xinlong Wang, Dongrong Xiao, Xinxin Xu (2007) *Inorg.Chim.Acta* ,**360,** 421

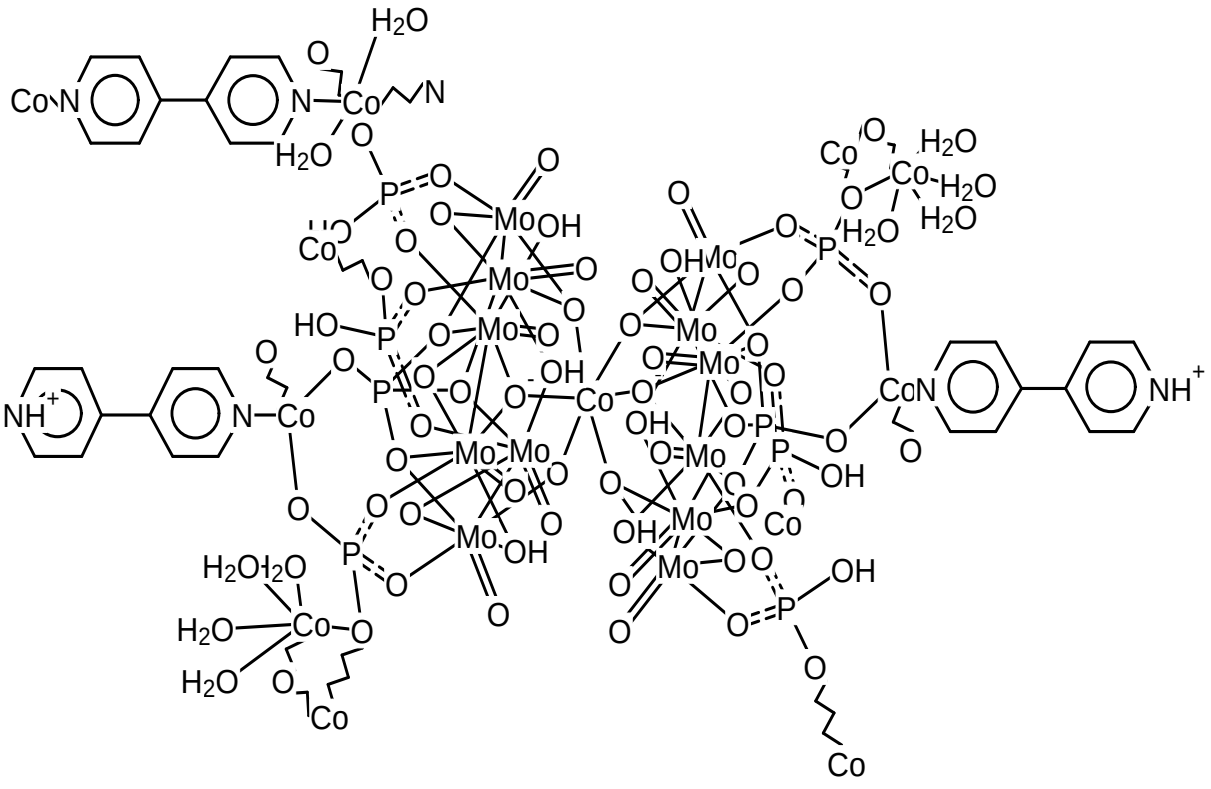
Formula: $(C_{30}\ H_{56}\ Co_6\ Mo_{12}\ N_6\ O_{72}\ P_8)n,6n(H_2\ O_1)$

Compound Name: catena-[bis(4,4'-bipyridinium)-(4,4'-bipyridyl)-tetrakis(hydrogen phosphato)-tetrakis(phosphato)-decaaqua-hexahydroxo-hexa-cobalt-dodecakis(dioxo-molybdenum(v)) hexahydrate]

Space Group:	Pccn	***Cell:***	***a***	23.041(5)	***b***	16.965(3)	***c*** 23.032(5)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.592

H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 416

DEWRED

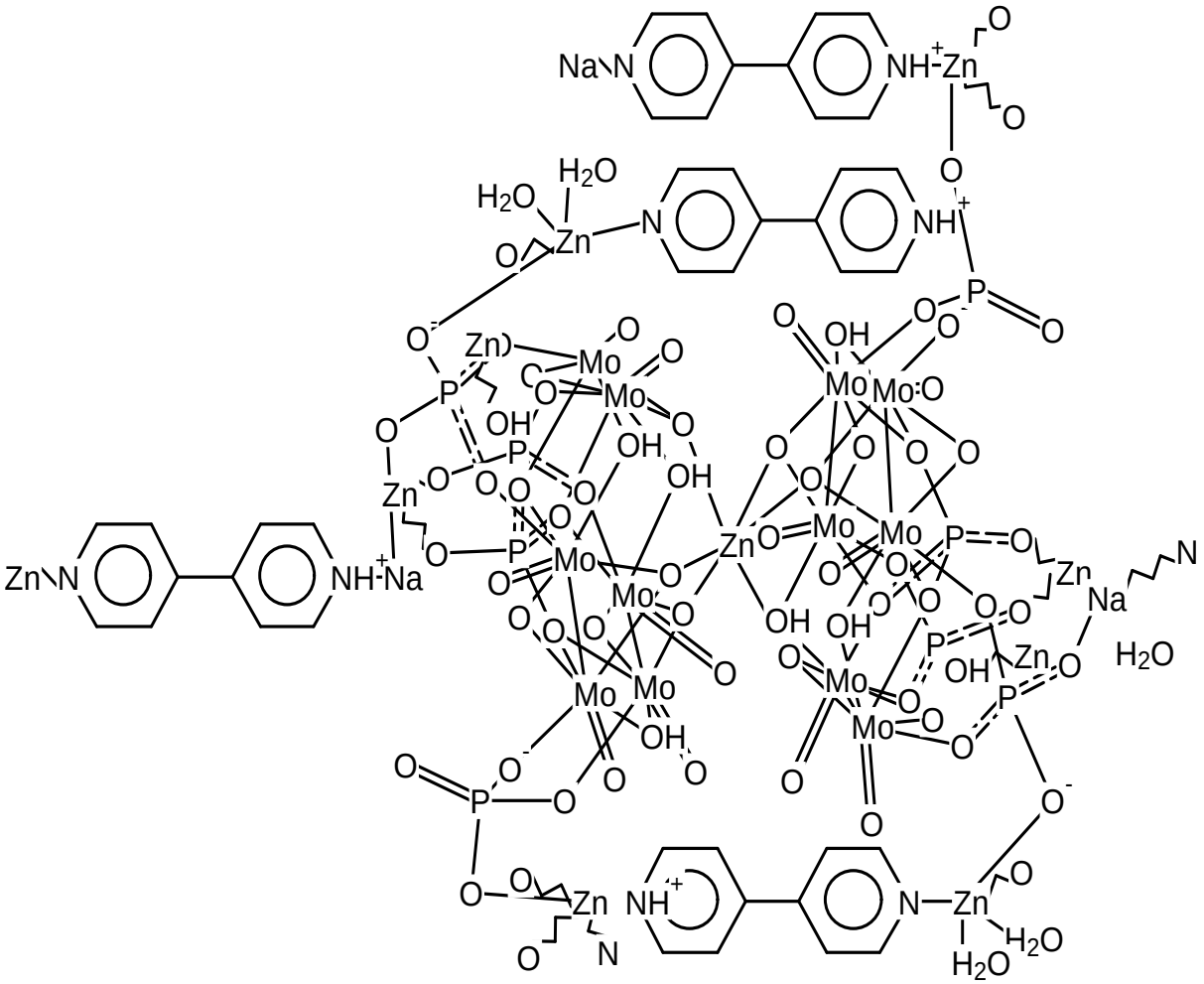
Reference: Ying Ma, Yangguang Li, Enbo Wang, Ying Lu, Xinlong Wang, Dongrong Xiao, Xinxin Xu (2007) *Inorg.Chim.Acta* ,**360,** 421

Formula: $(C_{40}\ H_{52}\ Mo_{12}\ N_8\ Na_2\ O_{66}\ P_8\ Zn_5)n,4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-bipyridinium)-bis(hydrogen phosphato)-hexakis(phosphato)-tetraaqua-hexahydroxo-dodecakis(dioxo-molybdenum(v))-di-sodium-penta-zinc tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	16.083(3)	***b***	16.476(3)	***c*** 16.813(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.61(3)	γ 90.00

R-Factor (%): 2.89 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.643



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 417

DEWRIH

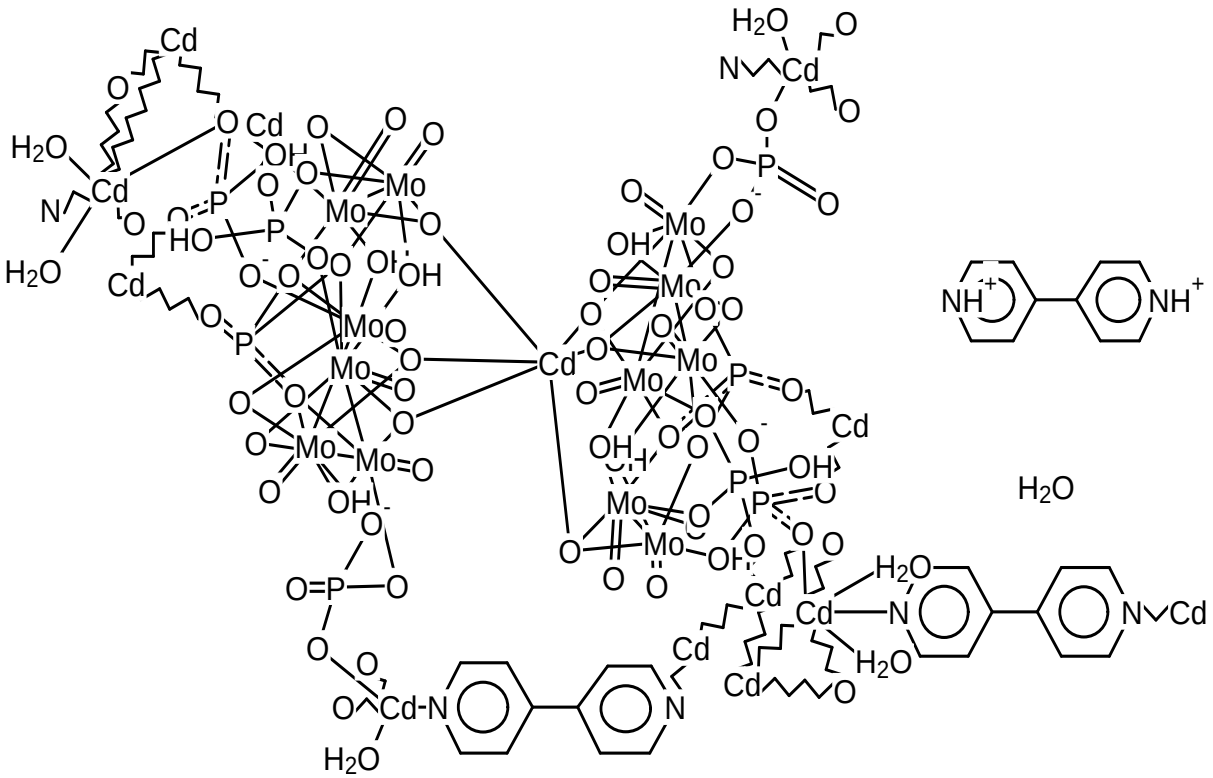
Reference: Ying Ma, Yangguang Li, Enbo Wang, Ying Lu, Xinlong Wang, Dongrong Xiao, Xinxin Xu (2007) *Inorg.Chim.Acta* ,**360,** 421

Formula: $(C_{20}\ H_{38}\ Cd_5\ Mo_{12}\ N_4\ O_{68}\ P_8\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(H_2\ O_1)$

Compound Name: catena-[bis(4,4-bipyridinium) bis(μ_2-4,4'-bipyridinium)-tetrakis(hydrogen phosphato)-tetrakis(phosphato)-hexaaqua-hexakis(hydroxo)-penta-cadmium-dodecakis(dioxo-molybdenum(v)) dihydrate]

Space Group:	P-1	***Cell:***	***a***	12.806(3)	***b***	13.809(3)	***c*** 14.508(3)
Space Group No.:	2	***(Å,°)***	α	113.57(3)	β	96.71(3)	γ 106.21(3)

R-Factor (%): 3.03 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.845



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 418

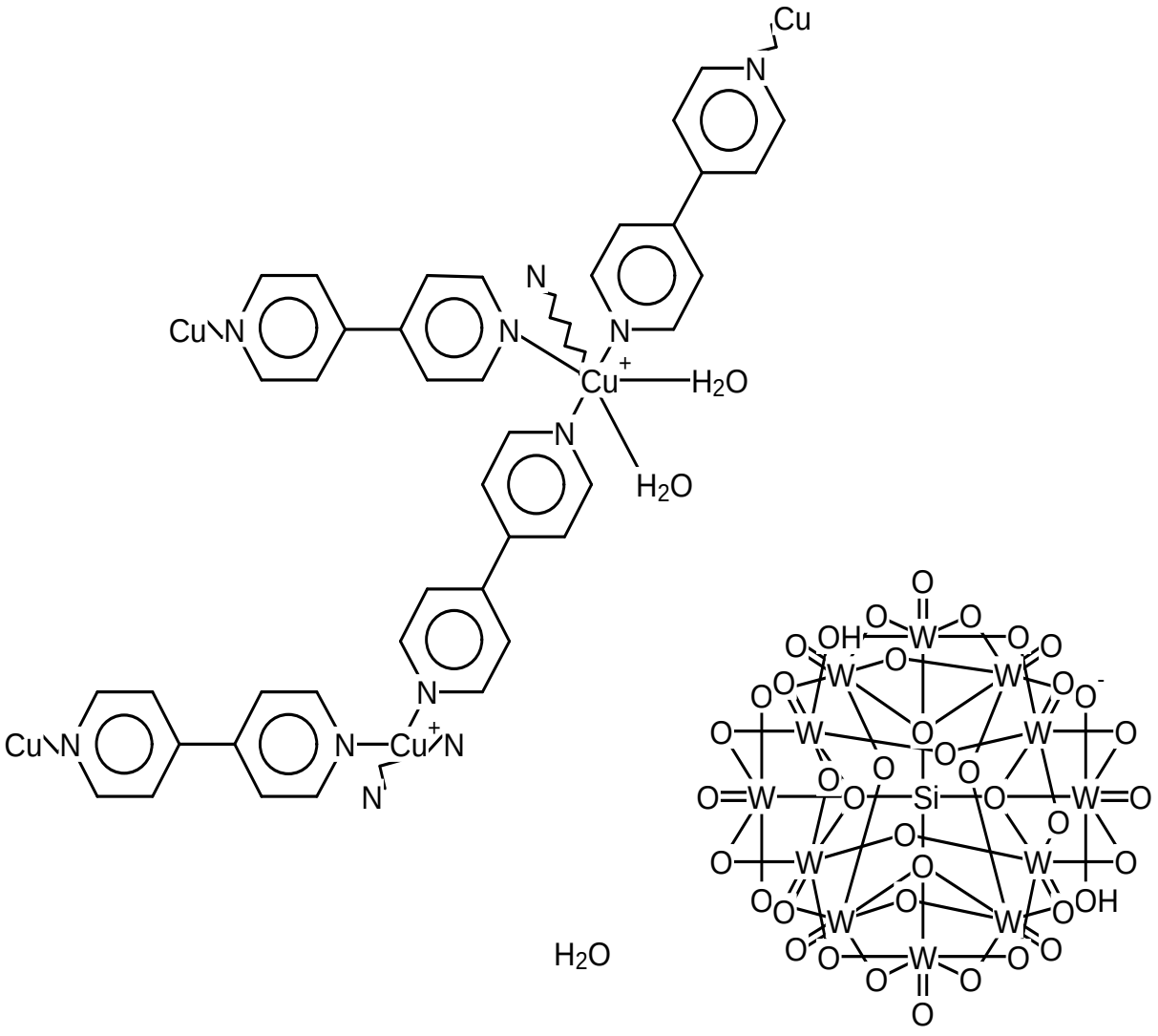
DEYHOF

Reference: Fan-Xia Meng, Ya-Guang Chen, Hong-Bo Liu, Hain-Jun Pang, Dong-Mei Shi, Yu Sun (2007) *J.Mol.Struct. ,***837,**224

Formula: $(C_{40}\ H_{36}\ Cu_2\ N_8\ O_2\ ^{2+})n,n(H_2\ O_{40}\ Si_1\ W_{12}\ ^{2-}),20n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-2,2'-Bipyridine)-diaqua-di-copper(i) (μ_{12}-silicato)-bis(μ_2-hydroxo)-docosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten icosahydrate)

Space Group:	Cccm	***Cell:***	***a***	17.918(0)	***b***	22.195(0)	***c***	22.279(1)
Space Group No.:	66	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	3.62	***Temperature(K):***	293		***Density(g/cm^3):***		3.017	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 419

DEYHUL

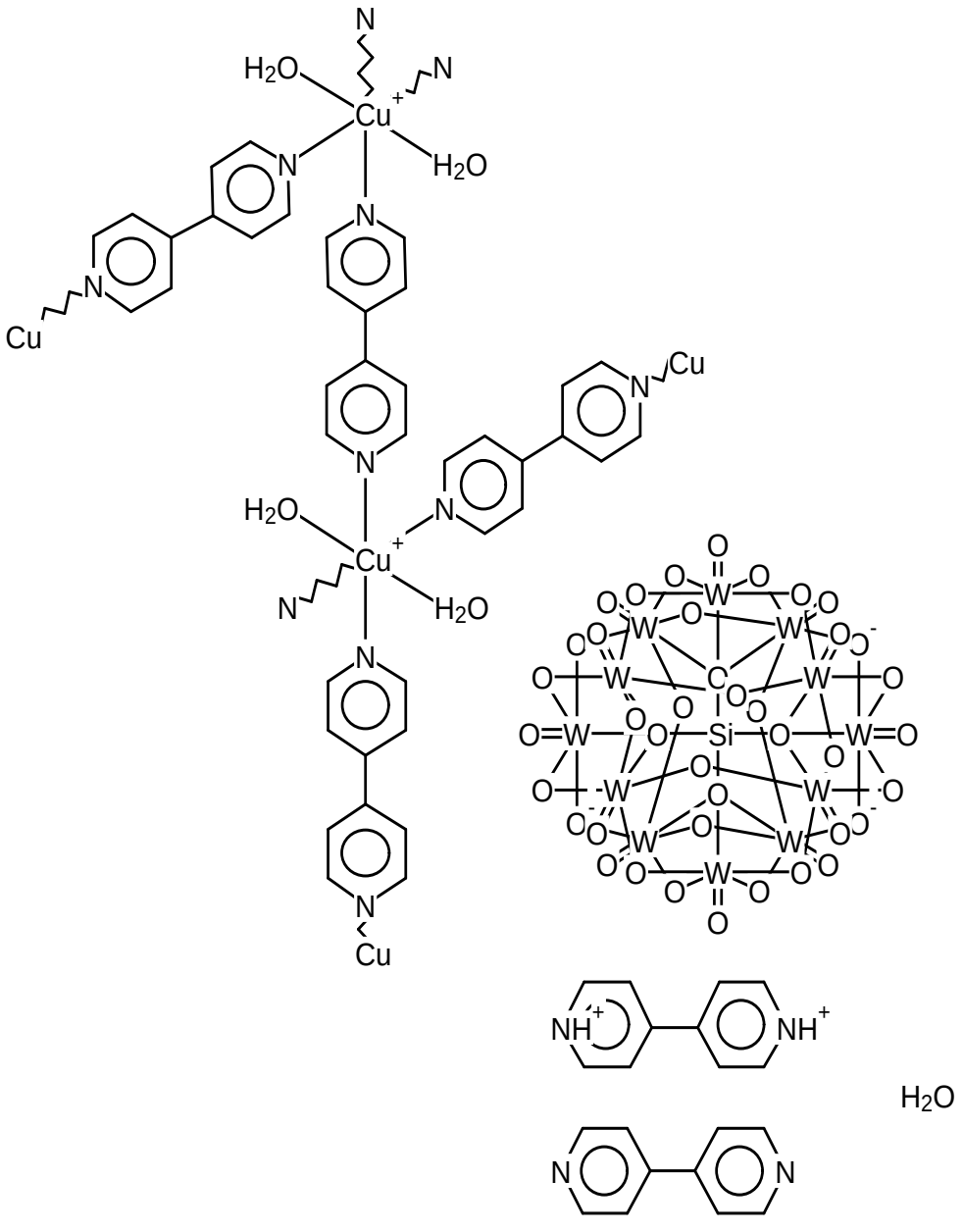
Reference: Fan-Xia Meng, Ya-Guang Chen, Hong-Bo Liu, Hain-Jun Pang, Dong-Mei Shi, Yu Sun (2007) *J.Mol.Struct.* ,**837,**224

Formula: $(C_{40}\ H_{40}\ Cu_2\ N_8\ O_4\ ^{2+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-tetraaqua-di-copper(i) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten 4,4'-bipyridinium 4,4'-bipyridine solvate tetrahydrate)

Space Group:	Cmc21	***Cell:***	***a***	22.768(5)	***b***	22.145(4)	***c***	17.048(3)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.156



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 420

DEYNUR

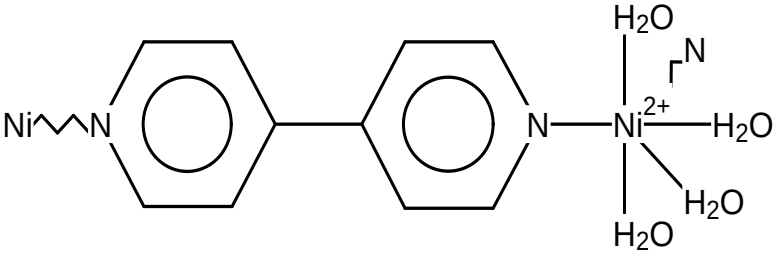
Reference: Xiao Zhang, Zhi-Hui Yi, Xiao-Yang Yu, Qing-Feng Yang, Ji-Qing Xu (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,** m1142

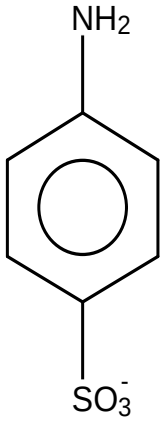
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,2n(C_6\ H_6\ N_1\ O_3\ S_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-($\mu_2$2-4,4'-Bipyridine-N,N')-tetra-aqua-nickel(ii) bis(4-aminobenzenesulfonate) dihydrate)

Space Group:	P21	***Cell:***	***a***	11.288(2)	***b***	8.013(1)	***c*** 15.702(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β	92.77(3)	γ 90.00

R-Factor (%): 3.22 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.562





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 421

DEYYAI

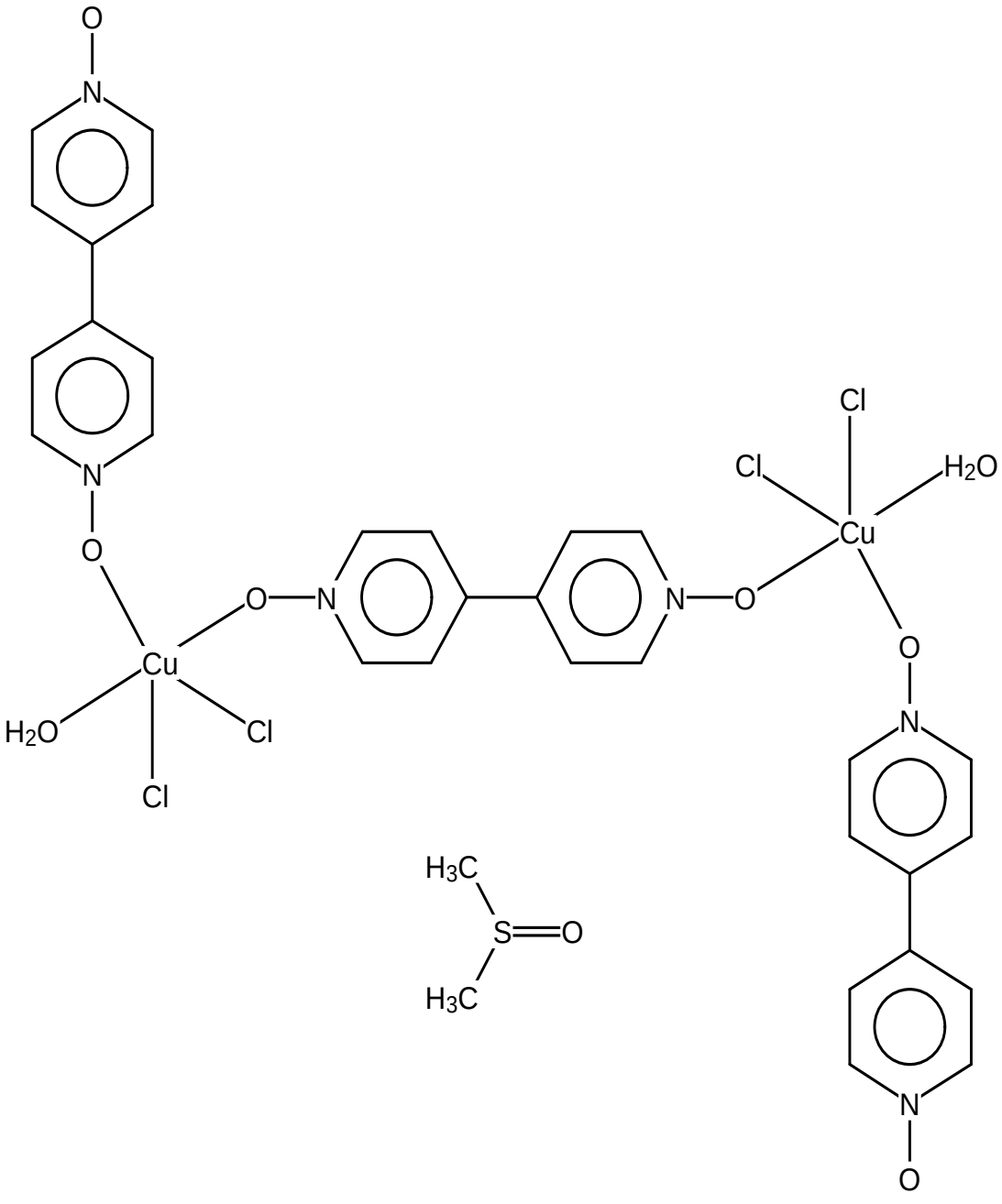
Reference: S.A.Bourne, L.J.Moitsheki (2007) *J.Chem.Cryst.* ,**37,**359

Formula: $C_{30}\ H_{28}\ Cl_4\ Cu_2\ N_6\ O_8,2(C_2\ H_6\ O_1\ S_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-diaqua-tetrachloro-bis(4,4'-bipyridine-N,N'-dioxide-O)-di-copper(ii) dimethylsulfoxide solvate

Space Group:	P-1	***Cell:***	***a***	8.731(1)	***b***	8.943(1)	***c*** 14.408(3)
Space Group No.:	2	***(Å,°)***	α	102.85(3)	β	97.49(3)	γ 109.77(3)

R-Factor (%): 2.55 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.693



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 422

DEYYEM

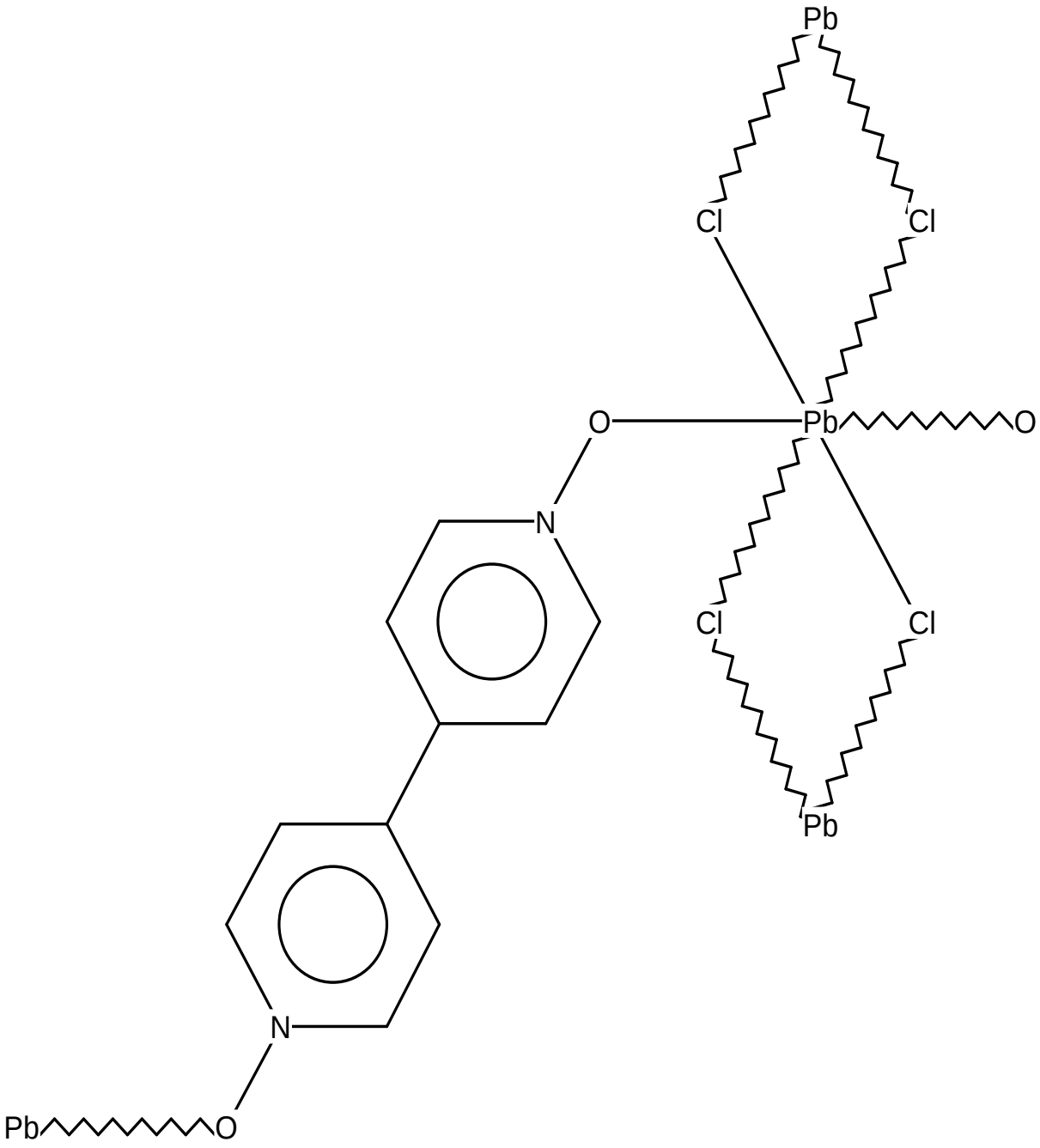
Reference: S.A.Bourne, L.J.Moitsheki (2007) *J.Chem.Cryst.* ,**37,**359

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ O_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(μ_2-chloro)-lead(ii))

Space Group:	C2/c	***Cell:***	***a***	16.327(0)	***b***	4.071(0)	***c***	18.615(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.73(1)	γ	90.00

R-Factor (%): 2.52 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 2.509



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 423

DEYYIQ

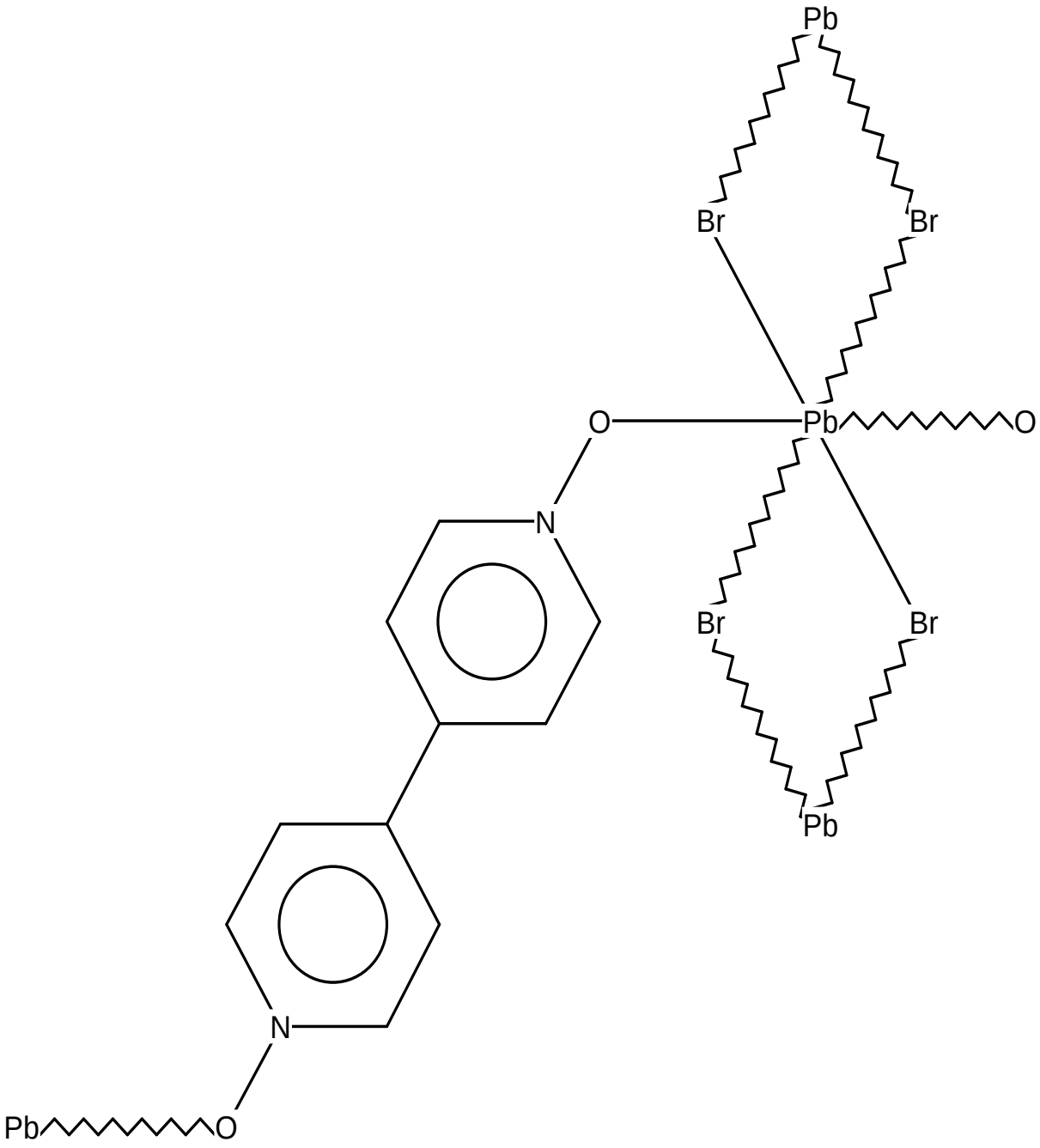
Reference: S.A.Bourne, L.J.Moitsheki (2007) *J.Chem.Cryst.* ,**37,**359

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ O_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(μ_2-bromo)-lead(ii))

Space Group:	C2/c	***Cell:***	***a***	16.403(3)	***b***	4.241(0)	***c***	18.846(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.59(3)	γ	90.00

R-Factor (%): 3.48 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.816



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 424

DEYYOW

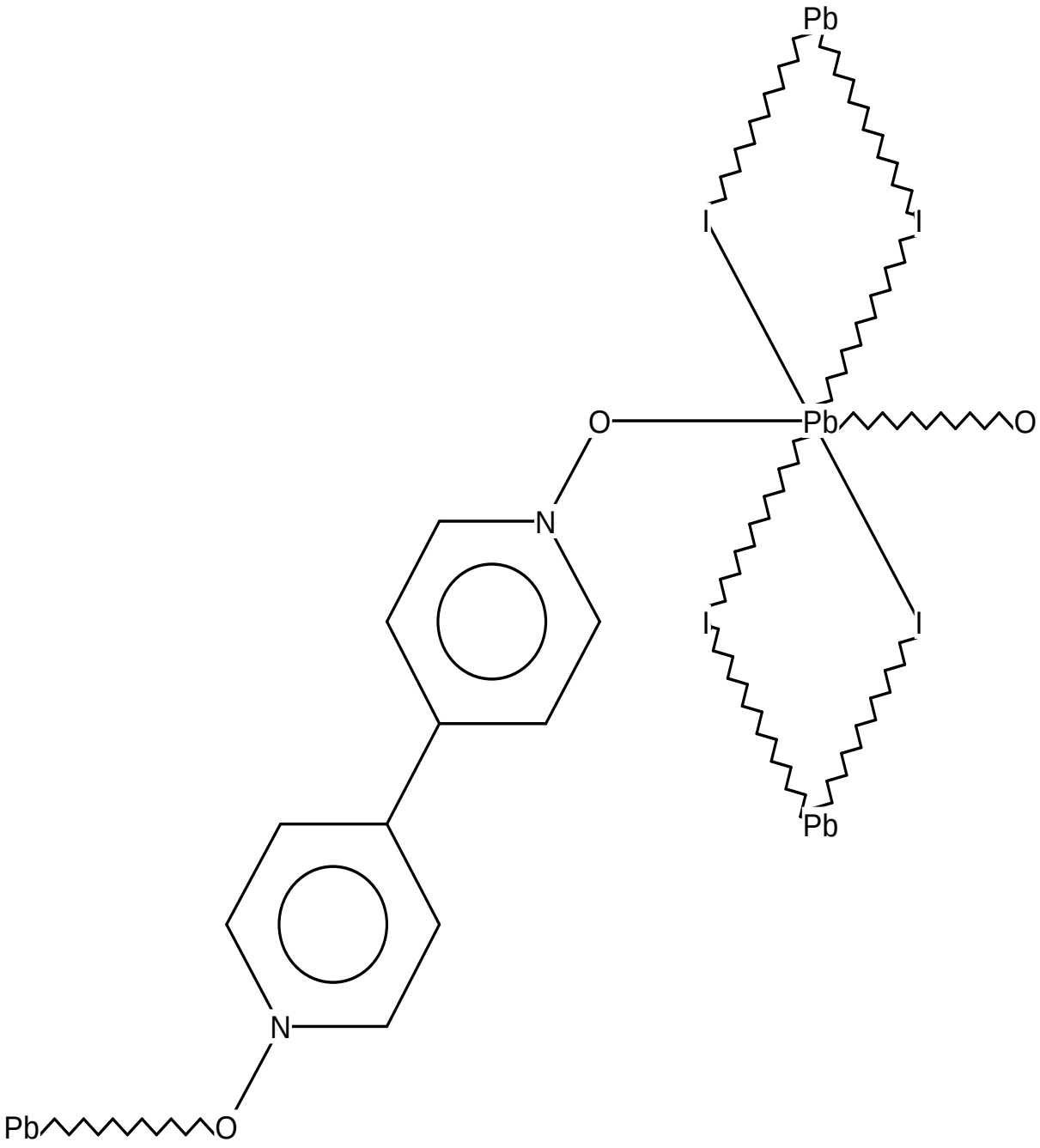
Reference: S.A.Bourne, L.J.Moitsheki (2007) *J.Chem.Cryst.* ,**37,**359

Formula: $(C_{10}\ H_8\ I_2\ N_2\ O_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(μ_2-iodo)-lead(ii))

Space Group:	C2/c	***Cell:***	***a***	16.438(3)	***b***	4.538(0)	***c***	18.973(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	91.04(3)	γ	90.00

R-Factor (%): 3.40 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 3.047



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 425

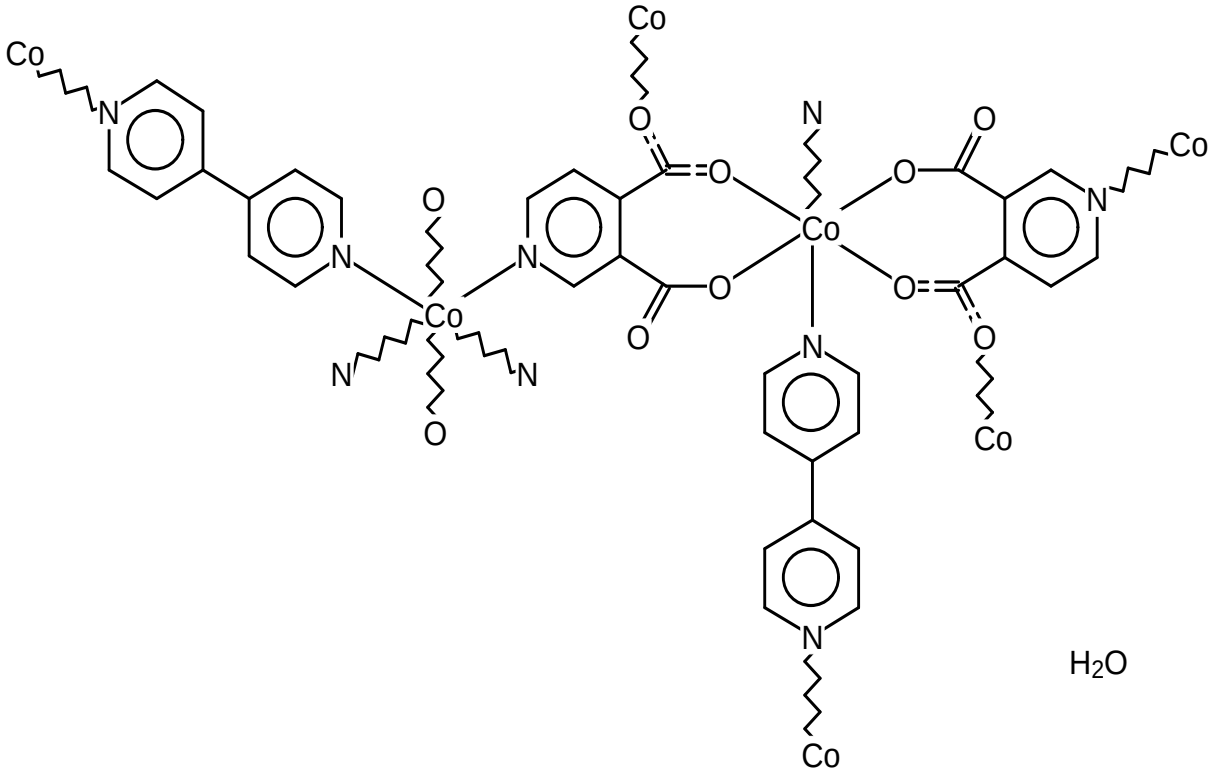
DEYZAJ

Reference: Zheng-Bo Han, Zhen-Ning Lou, Yu-Chun Jiang, Li-Tian Zhang, Li Liu (2007) *Transition Met.Chem. ,***32,**219

Formula: $(C_{34}\ H_{22}\ Co_2\ N_6\ O_8)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Pyridine-3,4-dicarboxylato-N,O,O',O'')-bis(μ_2-4,4'-bipyridyl-N,N')-di-cobalt(ii) dihydrate)

Space Group:	P3221	***Cell:***	***a***	11.402(1)	***b***	11.402(1)	***c*** 20.903(6)
Space Group No.:	154	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	4.63	***Temperature(K):***	293	***Density(g/cm^3):***	1.686		


Co
N
O
Co
N
O
O
Co
N
O
O
Co
N
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 426

DEZPOO

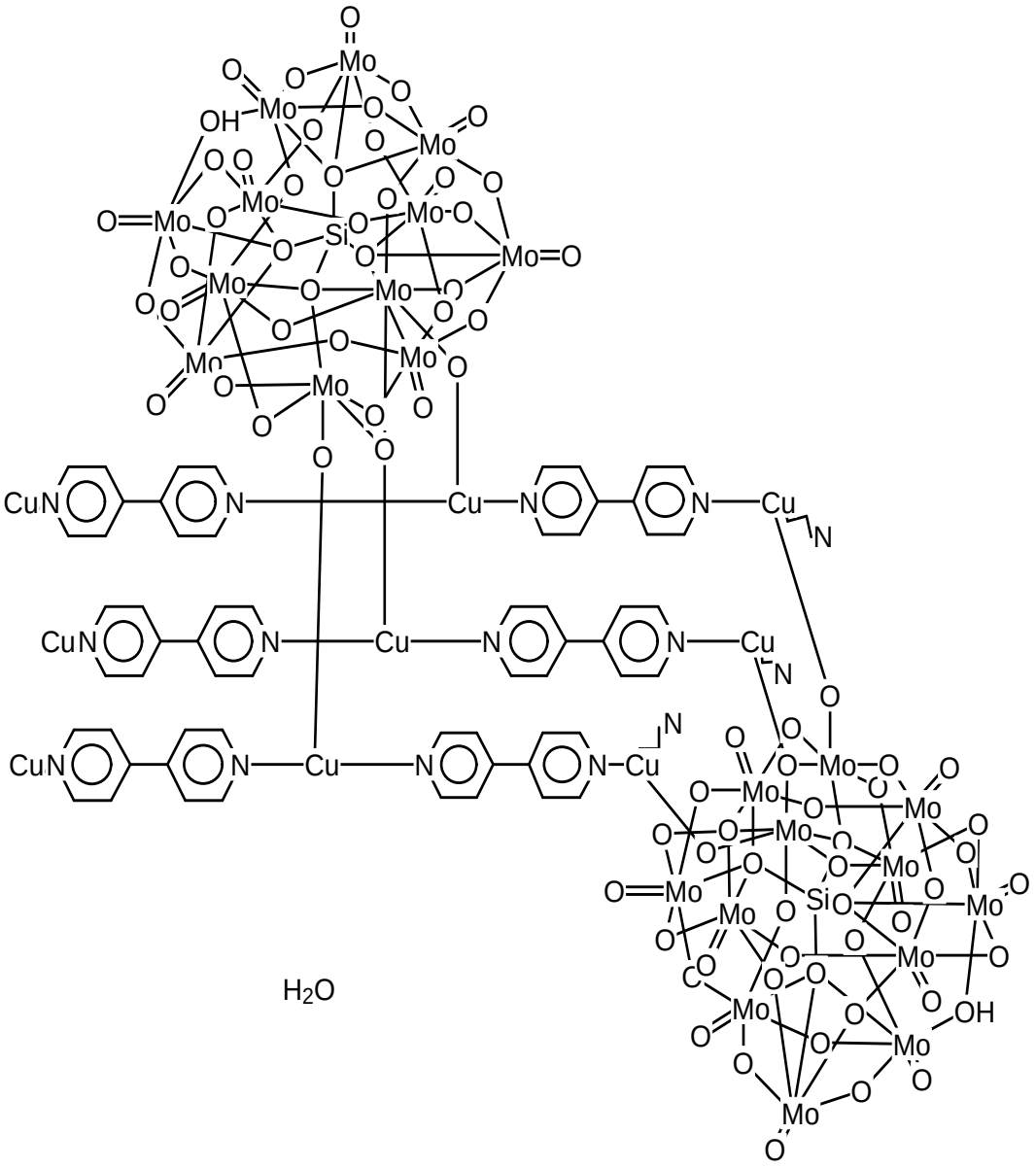
Reference: Jingquan Sha, Jun Peng, Hongsheng Liu, Jing Chen, Baoxia Dong, Aixiang Tian, Zhongmin Su (2007) *Eur.J.Inorg.Chem.* , 1268

Formula: $(C_{60}\ H_{50}\ Cu_6\ Mo_{24}\ N_{12}\ O_{80}\ Si_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis((μ12-Silicato)-(μ3-oxo)-tris(μ2-4,4'-bipyridine)-(μ2-hydroxo)-tetracosakis(μ2-oxo)-decaoxo-tri-copper-dodeca-molybdenum) trihydrate)

Space Group:	P-1	***Cell:***	***a***	12.963(3)	***b***	13.571(3)	***c***	18.034(4)
Space Group No.:	2	***(Å,°)***	α	88.78(3)	β	87.08(3)	γ	75.55(3)

R-Factor (%): 6.55 ***Temperature(K):*** 293 ***Density(g/cm3):*** 2.713



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 427

DEZPUU

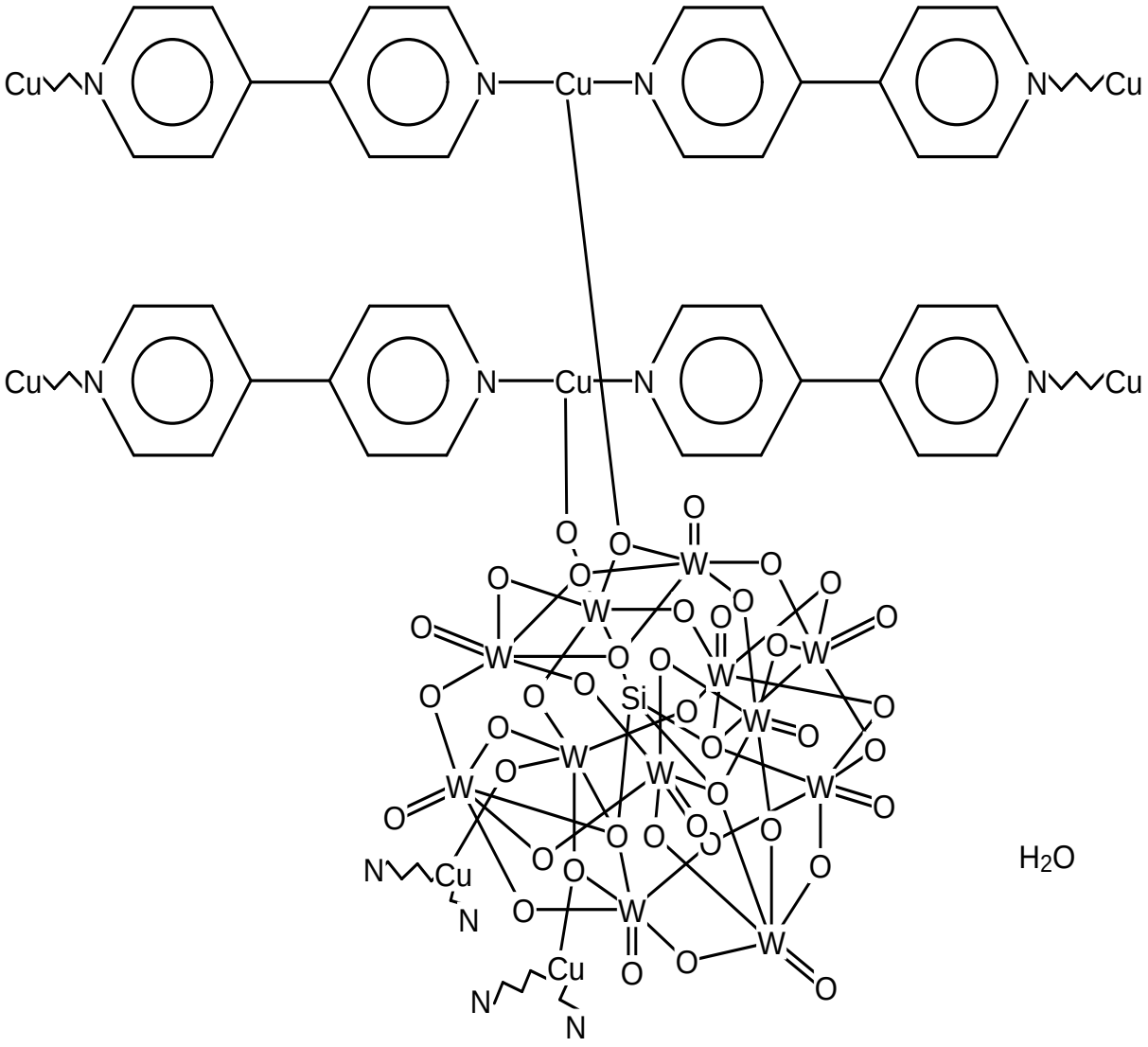
Reference: Jingquan Sha, Jun Peng, Hongsheng Liu, Jing Chen, Baoxia Dong, Aixiang Tian, Zhongmin Su (2007) *Eur.J.Inorg.Chem.* , 1268

Formula: $(C_{40}\ H_{32}\ Cu_4\ N_8\ O_{40}\ Si_1\ W_{12})n,3n(H_2\ O_1)$

Compound Name: catena-((μ_{12}-Silicato)-bis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-tetracosakis(μ_2-oxo)-decaoxo-tetra-copper-dodeca-tungsten trihydrate)

Space Group:	C2/m	***Cell:***	***a***	15.909(5)	***b*** 23.537(5)	***c***	21.310(5)
Space Group No.:	12	***(Å,°)***	α	90.00	β 100.58(0)	γ	90.00

R-Factor (%): 5.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.224



Search: search1 (Thu May 26 10:05:42 2011): Hit 428

DIDLIL

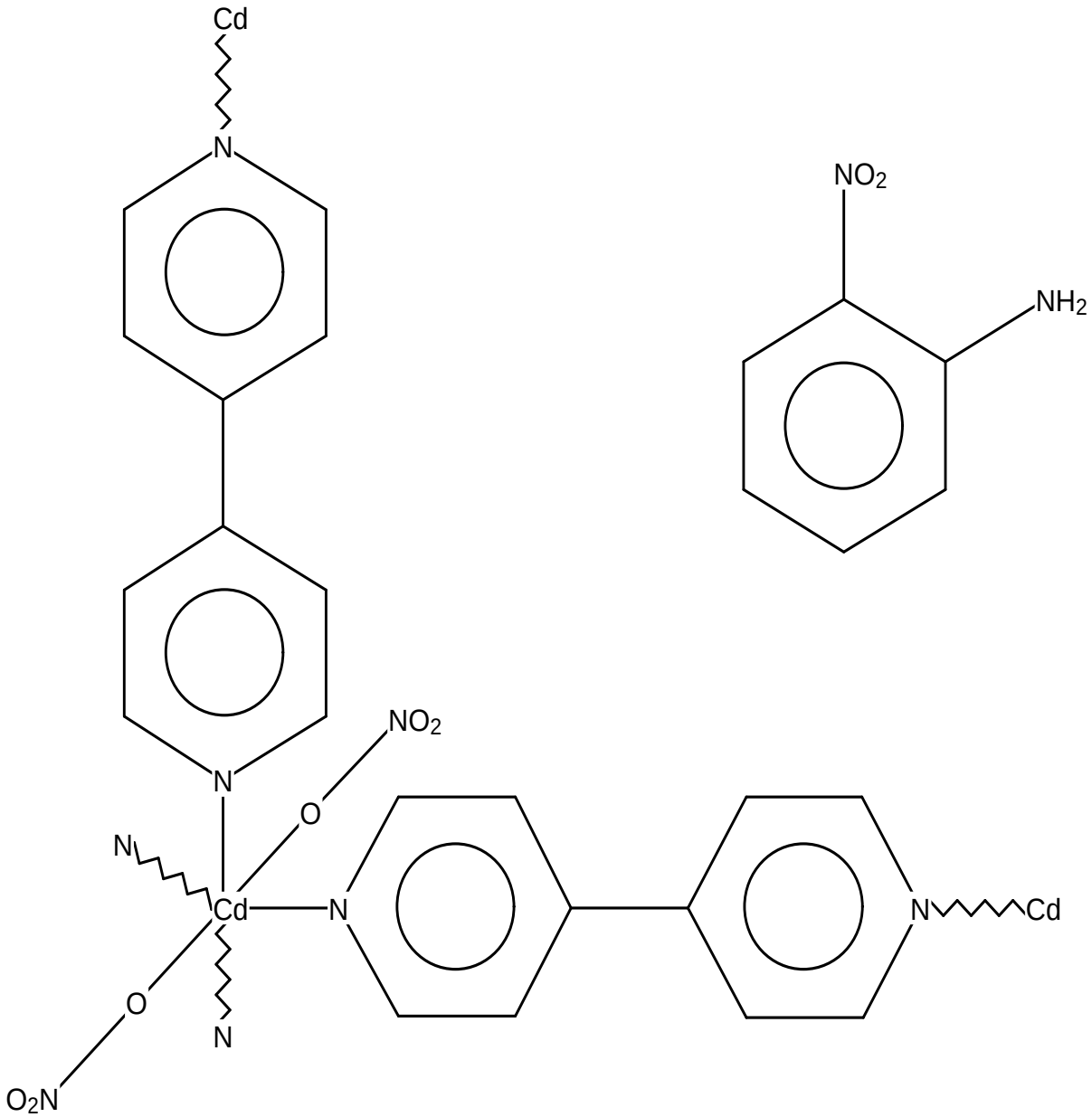
Reference: Songping D.Huang, B.J.Lewandowski, Chibiao Liu, Yongkui Shan (1999) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **55,**2016

Formula: $(C_{20}\ H_{16}\ Cd_1\ N_6\ O_6)n,2n(C_6\ H_6\ N_2\ O_2)$

Compound Name: catena[bis(μ_2-4,4'-Bipyridyl-N,N')-bis(nitrato-O)-cadmium(ii) bis(2-nitroaniline) clathrate]

Space Group:	C2/c	***Cell:***	***a***	21.850(2)	***b*** 11.769(0)	***c***	13.326(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.54(0)	γ	90.00

R-Factor (%): 5.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.627



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 429

DIFQIS

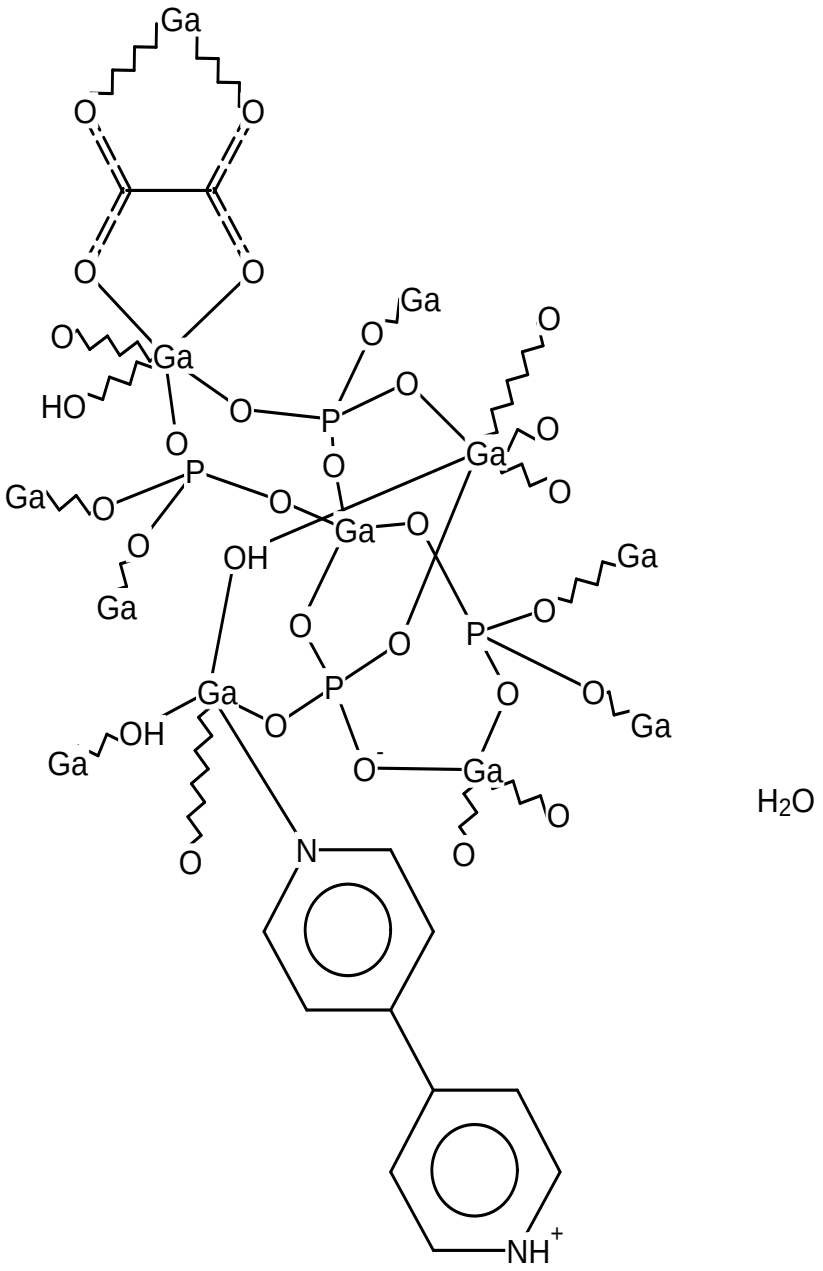
Reference: Ching-Yeh Chen, P.P.Chu, Kwang-Hwa Lii (1999)
Chem.Commun. ,1473

Formula: $(C_{12}\ H_{11}\ Ga_5\ N_2\ O_{22}\ P_4)n,2n(H_2\ O_1)$

Compound Name: catena-(Dihydroxo-(4-(4-pyridinium)pyridyl-N)-oxalato-tetraphosphato-penta-gallium dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.343(0)	***b***	15.937(0)	***c***	9.102(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.87(0)	γ	90.00

R-Factor (%):	4.10	***Temperature(K):***	295	***Density(g/cm^3):***	2.606



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 430

DIHKIP

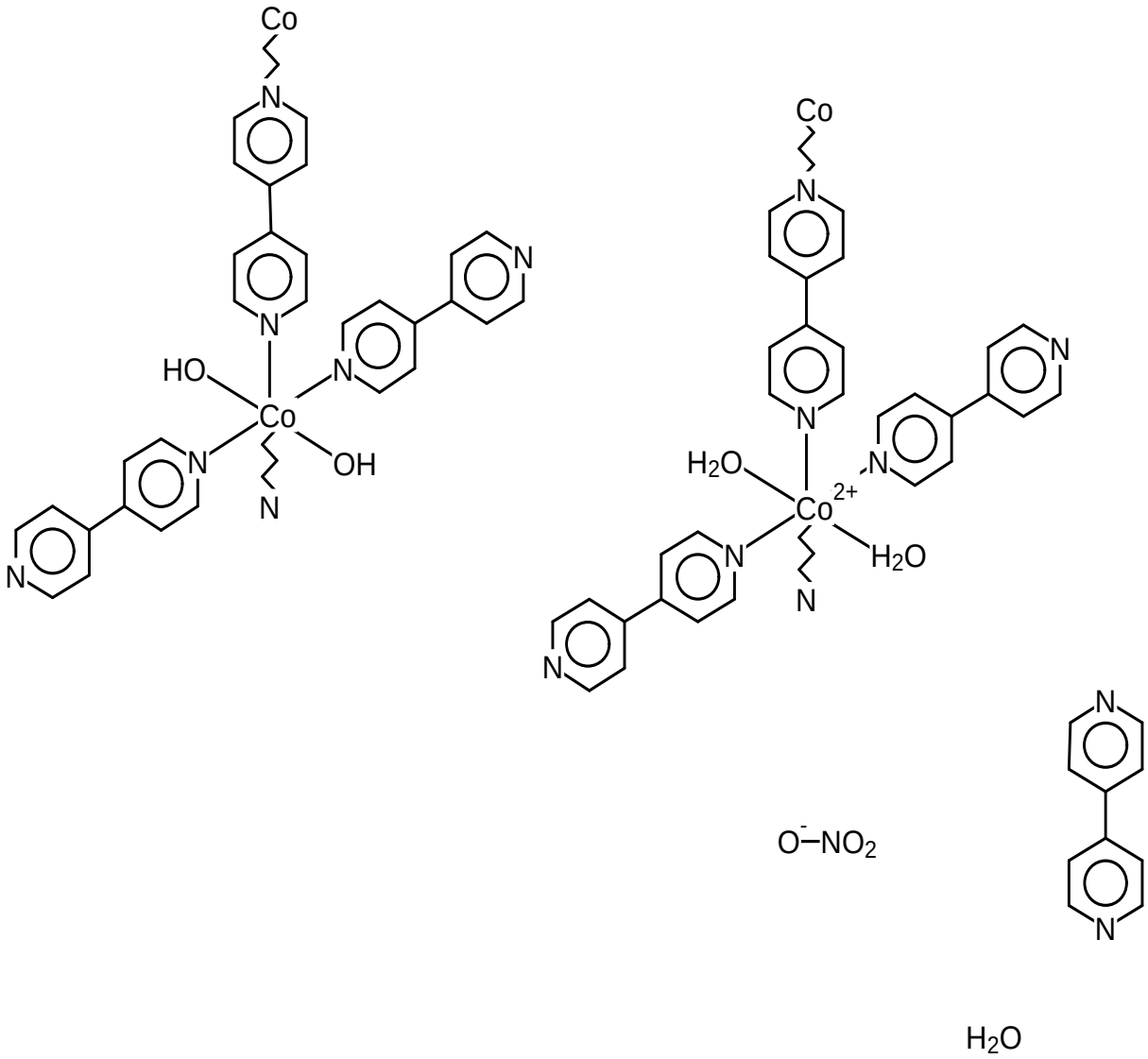
Reference: S.Luachan, C.Pakawatchai, A.Rujiwatra (2007)
*J.Inorg.Organomet.Polym.Mater. ,***17,**561

Formula: $(C_{30}\ H_{26}\ Co_1\ N_6\ O_2)n,n(C_{30}\ H_{28}\ Co_1\ N_6\ O_2\ ^{2+}),2n(N_1\ O_3\ ^{1-}),4n(C_{10}\ H_8\ N_2),_10.33n(H_2$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(4,4'-bipyridyl)-trans-dihydroxy-cobalt(ii) (μ_2-4,4'-bipyridyl)-trans-diaqua-bis(4,4'-bipyridyl)-cobalt(ii) dinitrate tetrakis(4,4'-bipyridine) hydrate clathrate)

Space Group:	C2	***Cell:***	***a***	17.988(1)	***b***	11.466(0)	***c*** 24.548(1)
Space Group No.:	5	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.351



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 431

DIJBOO

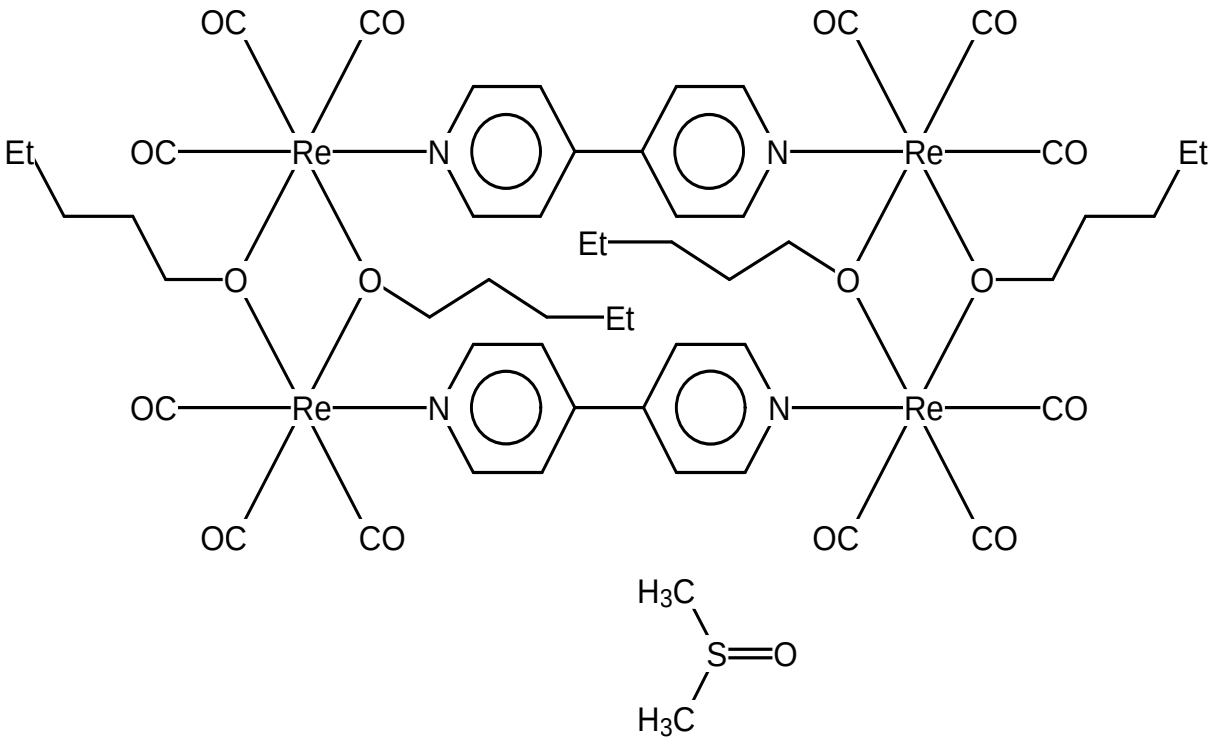
Reference: D.K.Orsa, G.K.Haynes, S.K.Pramanik, M.O.Iwunze, G.E.Greco, J.A.Krause, D.M.Ho, A.L.Williams, D.A.Hill, S.K.Mandal (2007) *Inorg.Chem.Commun. ,***10,**821

Formula: $C_{52}\ H_{60}\ N_4\ O_{16}\ Re_4,2(C_2\ H_6\ O_1\ S_1)$

Compound Name: bis(μ_2-4,4'-Bipyridyl-N,N')-tetrakis(μ_2-pentyloxo)-dodecacarbonyl-tetra-rhenium dimethylsulfoxide solvate

Space Group:	P21/c	***Cell:***	***a***	9.140(0)	***b***	19.319(0)	***c*** 18.924(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.23(0)	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.887



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 432

DIJQOD

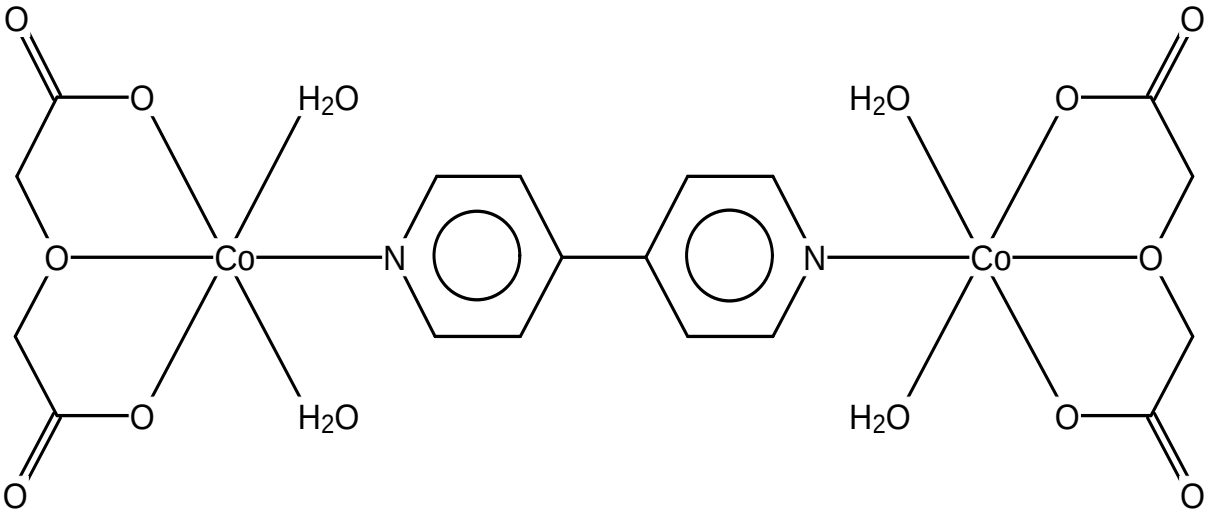
Reference: A.Grirrane, A.Pastor, E.Alvarez, C.Mealli, A.Ienco, P.Rosa, A.Galindo (2007) *Eur.J.Inorg.Chem.* ,3543

Formula: $C_{18}\ H_{24}\ Co_2\ N_2\ O_{14}$,2($H_2\ O_1$)

Compound Name: mer-(μ_2-4,4'-Bipyridyl-N,N')-bis(2,2'-oxydiacetato-O,O',O'')-tetra-aqua-di-cobalt(ii) dihydrate

Space Group:	C2/m	***Cell:***	***a***	10.138(3)	***b*** 20.456(1)	***c***	6.130(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 103.83(1)	γ	90.00

R-Factor (%): 3.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.739



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 433

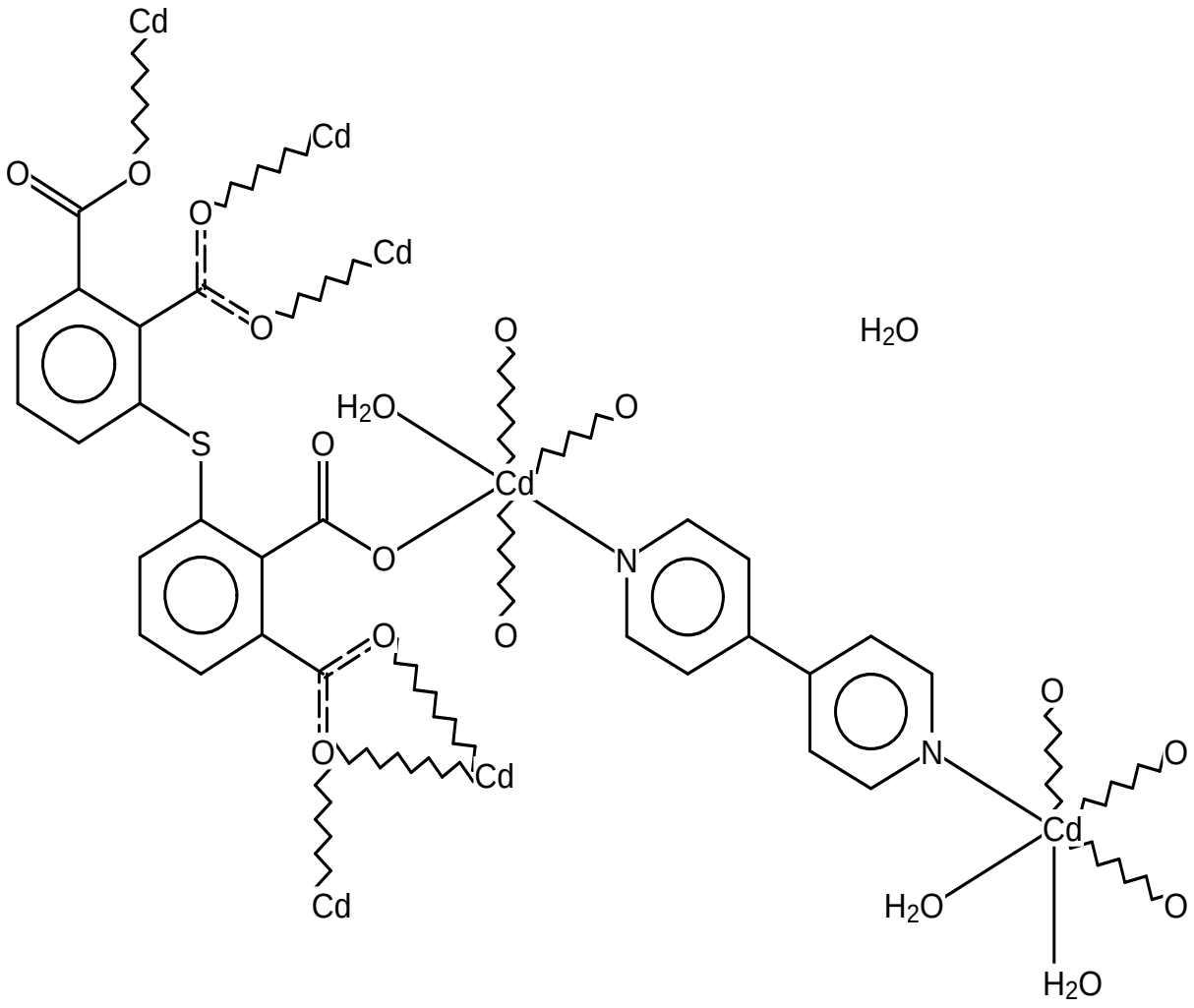
DIJZAY

Reference: Yang Su, Shuangquan Zang, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des. ,***7,**1277

Formula: $(C_{26}\ H_{20}\ Cd_2\ N_2\ O_{11}\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_6-2,3,2',3'-Thiodiphthalato)-(μ_2-4,4'-bipyridyl)-triaqua-di-cadmium(ii) monohydrate]

Space Group:	P21/n	***Cell:***	***a*** 14.397(3)	***b*** 9.258(1)	***c*** 21.485(4)
Space Group No.:	14	***(Å,°)***	α 90.00	β 106.37(0)	γ 90.00
R-Factor (%):	5.24	***Temperature(K):***	293	***Density(g/cm^3):***	1.961



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 434

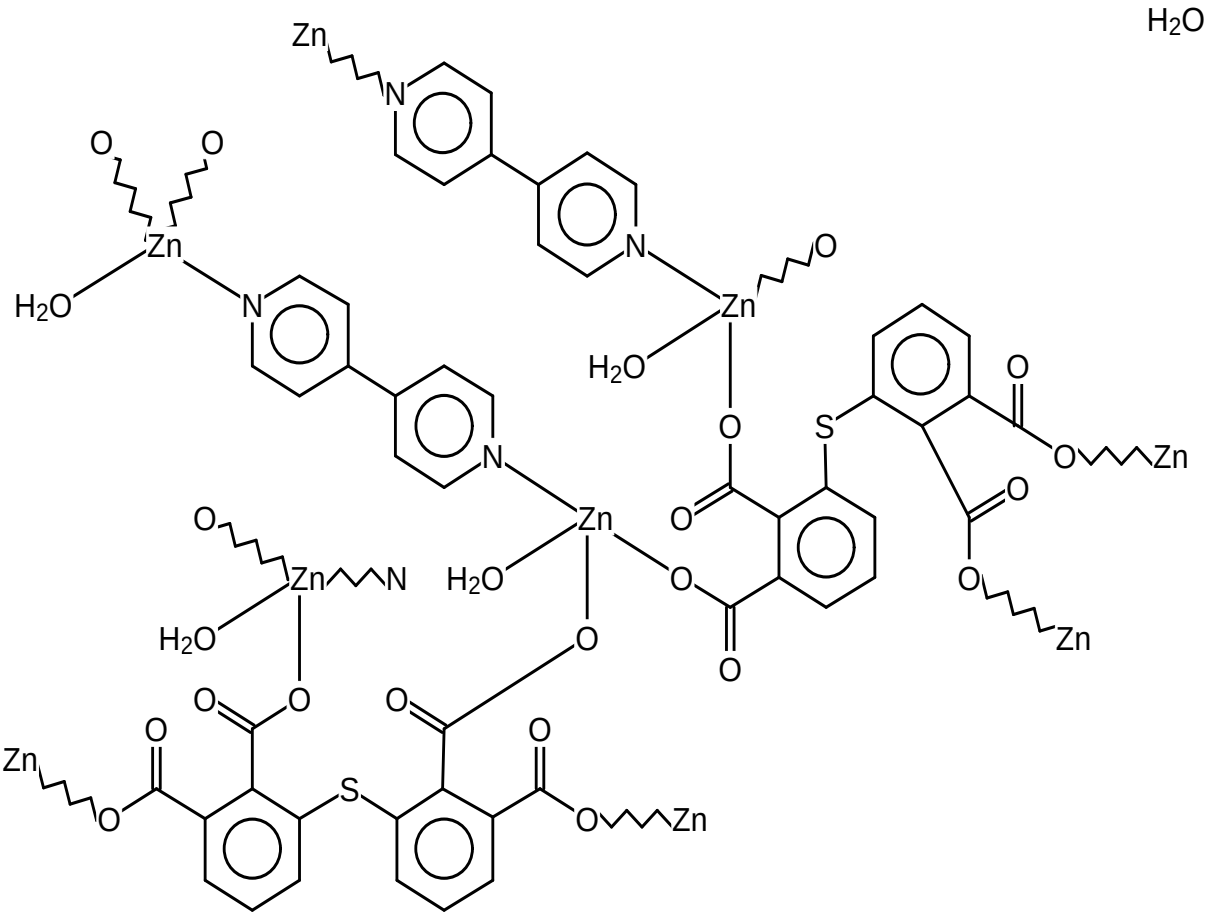
DIJZEC

Reference: Yang Su, Shuangquan Zang, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des. ,***7,**1277

Formula: $(C_{52}\ H_{36}\ N_4\ O_{20}\ S_2\ Zn_4)n,5n(H_2\ O_1)$

Compound Name: catena-[bis(μ_4-2,3,2',3'-Thiodiphthalato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridyl-N,N')-tetra-aqua-tetra-zinc(ii) pentahydrate]

Space Group:	P21/n	***Cell:***	***a*** 10.332(2)	***b*** 9.336(1)	***c*** 28.822(6)
Space Group No.:	14	***(Å,°)***	α 90.00	β 90.21(0)	γ 90.00
R-Factor (%):	6.15	***Temperature(K):***	298	***Density(g/cm^3):***	1.735



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 435

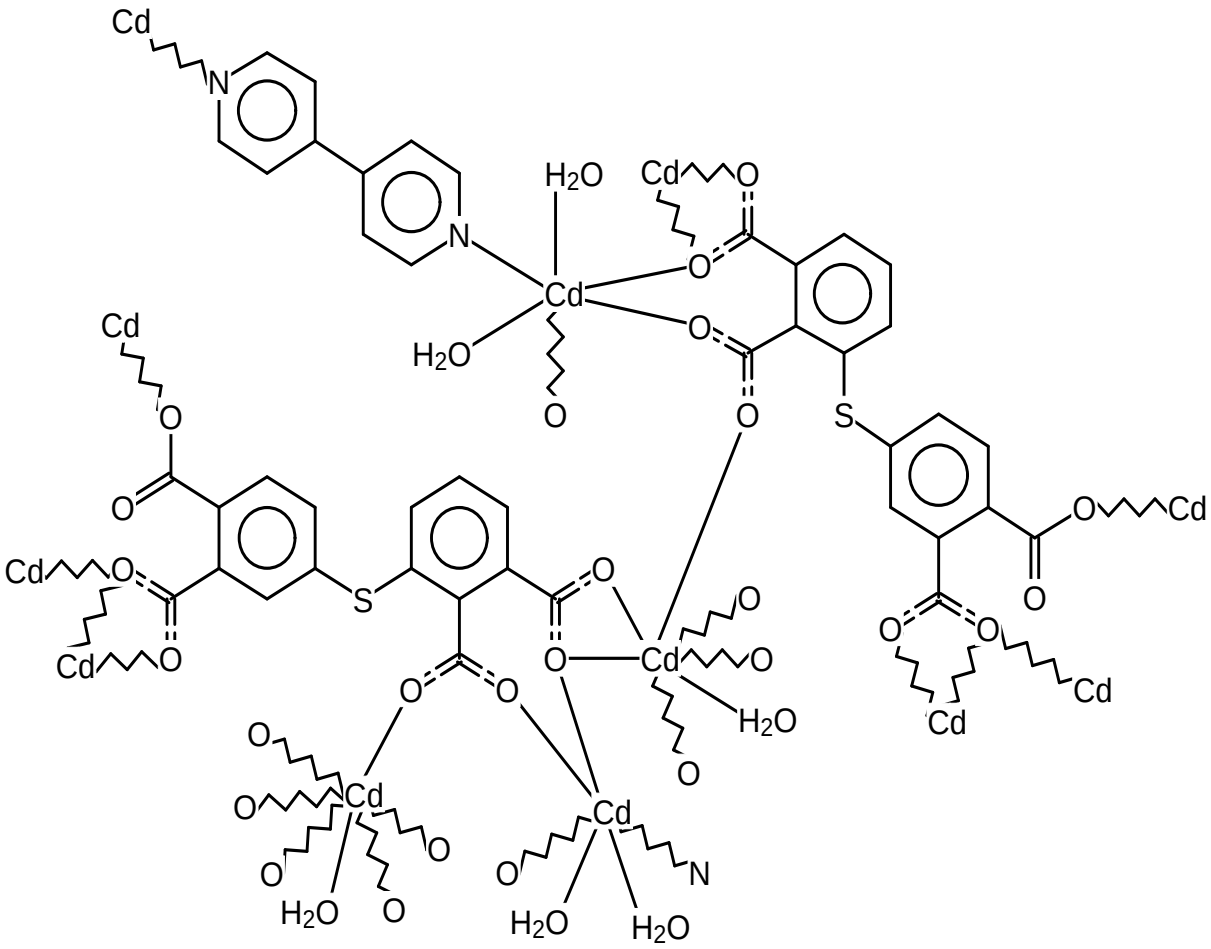
DIJZIG

Reference: Yang Su, Shuangquan Zang, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des. ,***7,**1277

Formula: $(C_{42}\ H_{32}\ Cd_4\ N_2\ O_{22}\ S_2)n$

Compound Name: catena-[bis(μ_6-2,3,3',4'-Thiodiphthalato)-(μ_2-4,4'-bipyridyl)-hexa-aqua-tetra-cadmium(ii)]

Space Group:	P21/n	***Cell:***	***a***	7.856(2)	***b*** 26.525(7)	***c***	10.692(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.52(0)	γ	90.00
R-Factor (%):	6.39	***Temperature(K):***	293		***Density(g/cm^3):***		2.203


Cd
N
H2O
Cd
O
S
Cd
O
Cd
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 436

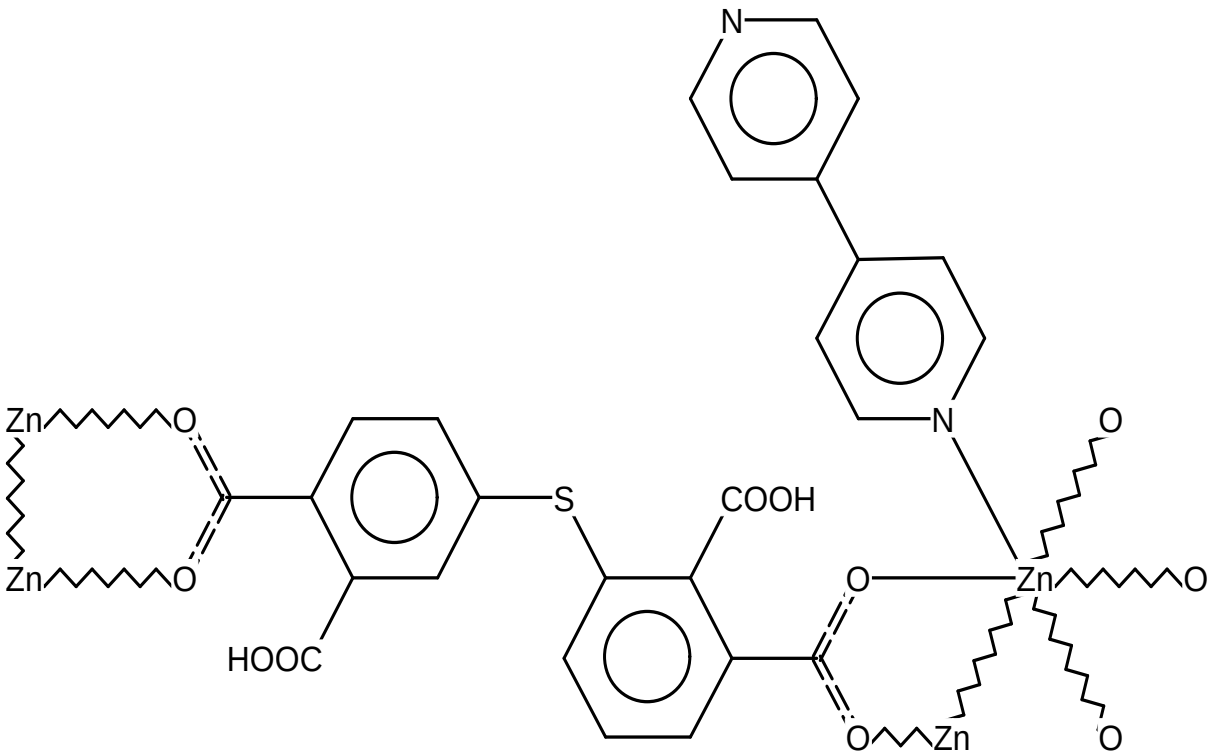
DIJZOM

Reference: Yang Su, Shuangquan Zang, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des. ,***7,**1277

Formula: $(C_{26}\ H_{16}\ N_2\ O_8\ S_1\ Zn_1)n$

Compound Name: catena-[(μ_4-2,3,3',4'-Thiodiphthalato-O,O',O'',O''')-(4,4'-bipyridyl)-zinc(ii)]

Space Group:	P-1	***Cell:***	***a***	9.659(0)	***b***	10.828(0)	***c*** 12.206(0)
Space Group No.:	2	***(Å,°)***	α	103.78(0)	β	99.42(0)	γ 108.17(0)
R-Factor (%):	3.26	***Temperature(K):***	293		***Density(g/cm^3):***		1.698



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 437

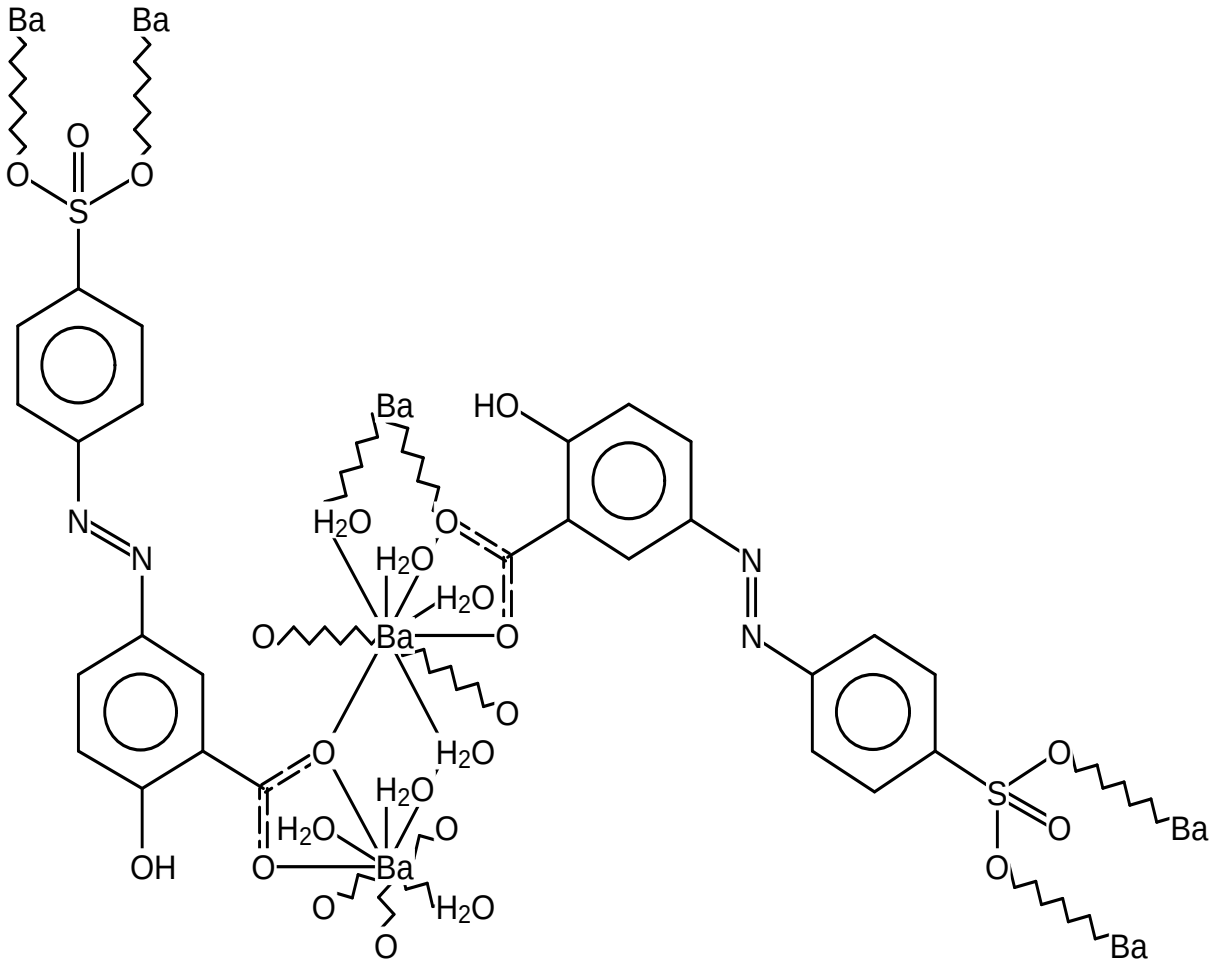
DIKQUK

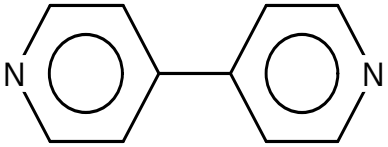
Reference: Hong Liu, Zhan-Feng Ju, Wei Li, Jie Zhang (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**63,**m413

Formula: $(C_{26}\ H_{28}\ Ba_2\ N_4\ O_{18}\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-2-Hydroxy-4-(4-sulfonatophenyldiazenyl)benzoato)-bis(μ_2-aqua)-tetra-aqua-di-barium(ii) 4,4'-bipyridine solvate)

Space Group:	P21/c	***Cell:***	***a***	8.271(1)	***b***	8.388(1)	***c*** 30.342(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.54(0)	γ 90.00
R-Factor (%):	2.50	***Temperature(K):***	173		***Density(g/cm^3):***		1.865





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 438

DILCEH

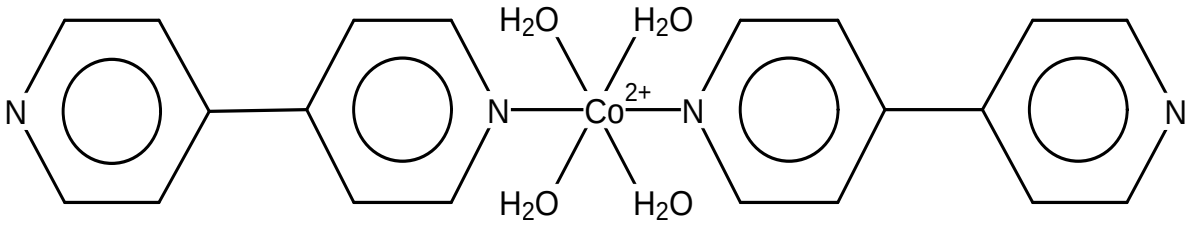
Reference: Ming-Jie Wu, Pei-Xia Dai, Xiu-Guang Wang, En-Cui Yang, Xiao-Jun Zhao (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**63,** m2413

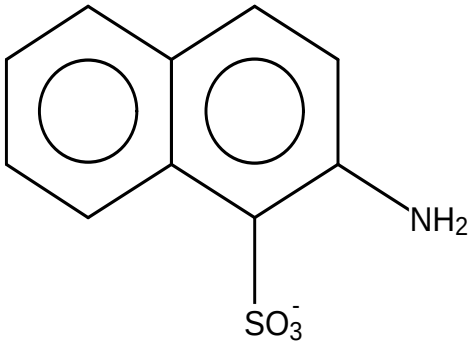
Formula: $C_{20}\,H_{24}\,Co_1\,N_4\,O_4\,^{2+}$,2($C_{10}\,H_8\,N_1\,O_3\,S_1\,^{1-}$),6($H_2\,O_1$)

Compound Name: Tetraaqua-bis(4,4'-bipyridine)-cobalt(ii) 2-aminonaphthalene-1-sulfonate hexahydrate

Space Group:	P21/c	***Cell:***	***a***	12.474(1)	***b*** 18.358(2)	***c***	10.920(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 114.15(0)	γ	90.00

R-Factor (%): 3.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.450





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 439

DITLEY

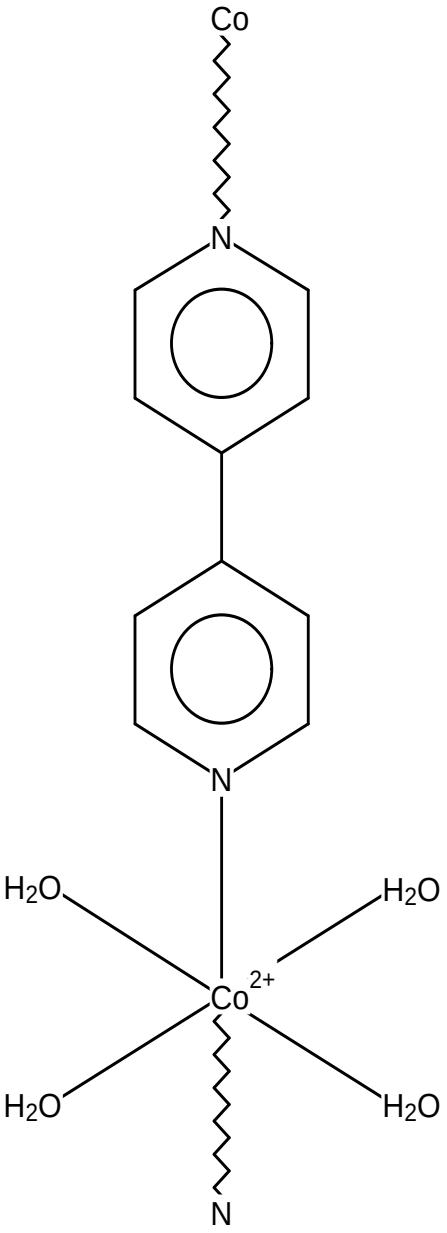
Reference: Liwei Mi, Hongwei Hou, Jiaqiang Xu, Hong Xu, Zhiyong Song, Mingsheng Tang, Yaoting Fan (2007) *Eur.J.Inorg.Chem.* ,5226

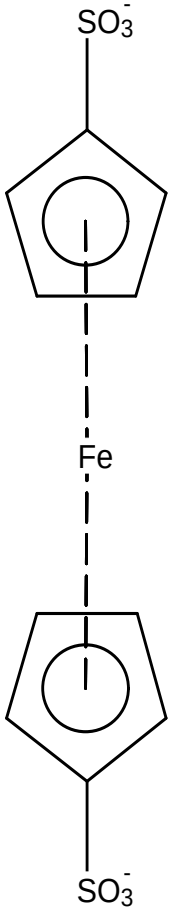
Formula: $(C_{10}\,H_{16}\,Co_1\,N_2\,O_4\,^{2+})n,n(C_{10}\,H_8\,Fe_1\,O_6\,S_2\,^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-tetra-aqua-cobalt(ii) ferrocene-1,1'-disulfonate clathrate)

Space Group:	C2/c	***Cell:***	***a***	17.893(4)	***b***	12.163(2)	***c*** 13.371(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	121.43(3)	γ 90.00

R-Factor (%): 2.80 ***Temperature(K):*** 291 ***Density(g/cm3):*** 1.689





Search: search1 (Thu May 26 10:05:42 2011): Hit 440

DITLOI

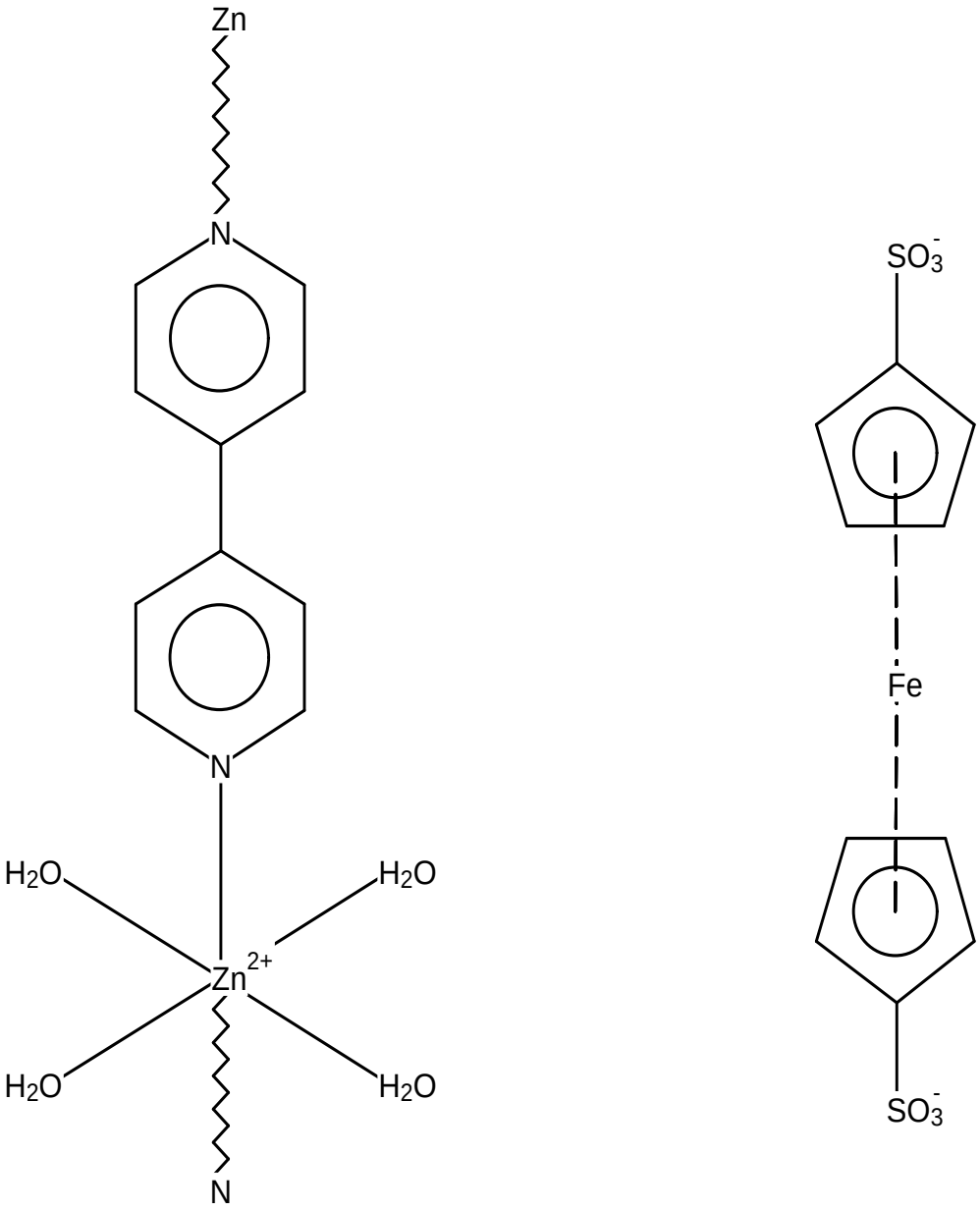
Reference: Liwei Mi, Hongwei Hou, Jiaqiang Xu, Hong Xu, Zhiyong Song, Mingsheng Tang, Yaoting Fan (2007) *Eur.J.Inorg.Chem.* ,5226

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_{10}\ H_8\ Fe_1\ O_6\ S_2\ ^{2-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl)-tetra-aqua-zinc(ii) ferrocene-1,1'-disulfonate clathrate)

Space Group:	C2/c	***Cell:***	***a***	17.855(4)	***b*** 12.213(2)	***c***	13.351(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 121.27(3)	γ	90.00

R-Factor (%): 3.63 ***Temperature(K):*** 291 ***Density(g/cm3):*** 1.702



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 441

DIXWEN

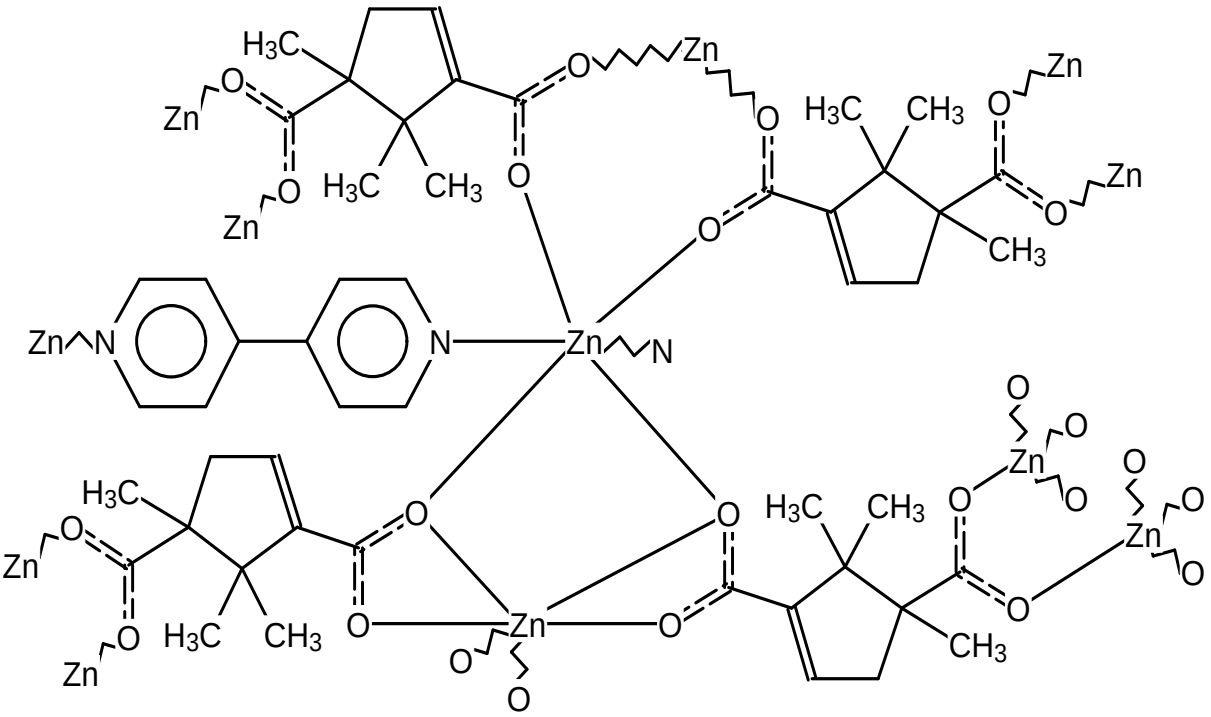
Reference: Jian Zhang, Xianhui Bu (2008) *Chem.Commun.* ,1756

Formula: $(C_{50}\ H_{56}\ N_2\ O_{16}\ Zn_4)n$

Compound Name: catena-(bis((μ4-1,2,2-Trimethyl-3-cyclopentene-1,3-dicarboxylato-O,O',O'',O'',O''')-(μ4-1,2,2-trimethyl-3-cyclopentene-1,3-dicarboxylato-O,O',O'',O''))-(μ2-4,4'-bipyridine)-tetra-zinc(ii))

Space Group:	P2221	***Cell:***	***a***	7.458(1)	***b***	14.967(3)	***c*** 22.633(4)
Space Group No.:	17	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.21 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.581



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 442

DIYKAY

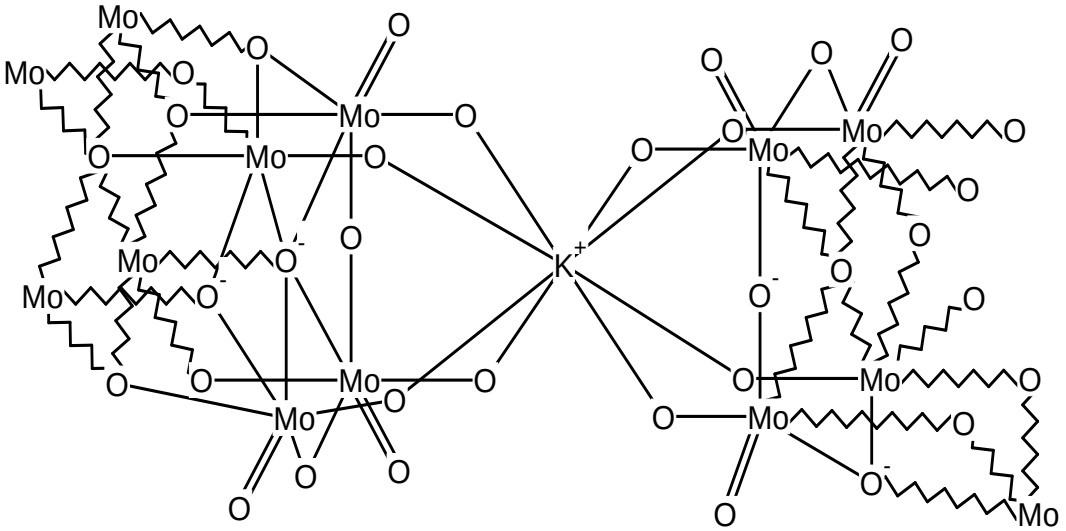
Reference: Hai-Hui Yu, Xiao-Bing Cui, Jing Lu, Ying-Hua Sun, Wei-Jie Duan, Ji-Wen Cui, Zhi-Hui Yi, Ji-Qing Xu, Tie-Gang Wang (2008) *J.Mol.Struct.* ,**879,**156

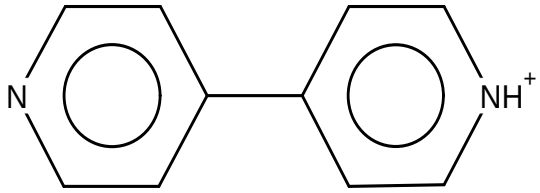
Formula: $(K_1\ Mo_8\ O_{26}\ ^{3-})n,3n(C_{10}\ H_9\ N_2\ ^{1+}),2n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

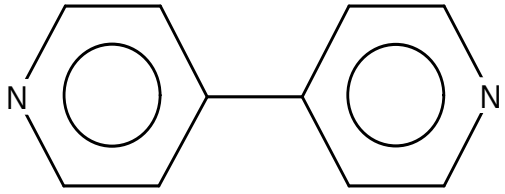
Compound Name: catena-(tris(4,4'-Bipyrdinium) β-bis(μ_5-oxo)-pentakis(μ_3-oxo)-tridecakis(μ_2-oxo)-hexaoxo-octa-molybdenum(vi)-potassium 4,4'-bipyridine solvate dihydrate)

Space Group:	C2/m	***Cell:***	***a***	18.751(4)	***b***	19.051(4)	***c*** 10.108(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β	103.93(3)	γ 90.00

R-Factor (%): 7.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.936







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 443

DIYKEC

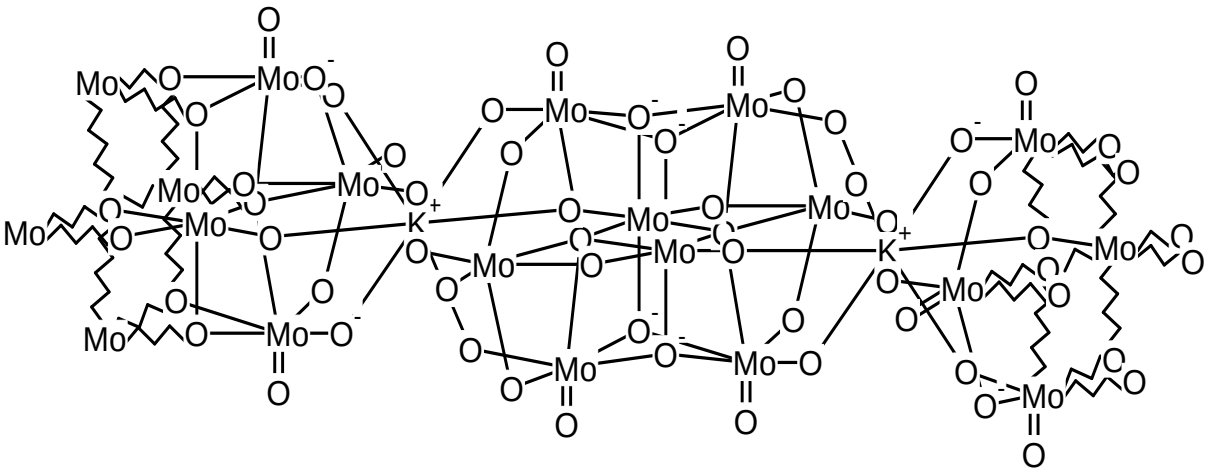
Reference: Hai-Hui Yu, Xiao-Bing Cui, Jing Lu, Ying-Hua Sun, Wei-Jie Duan, Ji-Wen Cui, Zhi-Hui Yi, Ji-Qing Xu, Tie-Gang Wang (2008) *J.Mol.Struct.* ,**879,**156

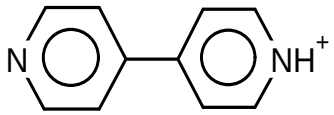
Formula: $(K_2\ Mo_{16}\ O_{52}\ ^{6-})n,6n(C_{10}\ H_9\ N_2\ ^{1+}),4n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

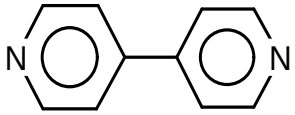
Compound Name: catena-(hexakis(4,4'-Bipyridinium) β-tetrakis(μ_5-oxo)-octakis(μ_3-oxo)-octacosakis(μ_2-oxo)-dodecaoxo-hexadeca-molybdenum(vi)-di-potassium 4,4'-bipyridine solvate dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.091(0)	***b***	17.022(0)	***c***	18.903(0)
Space Group No.:	2	***(Å,°)***	α	86.73(0)	β	78.58(0)	γ	72.78(0)

R-Factor (%): 7.66 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.212







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 444

DMDPCO

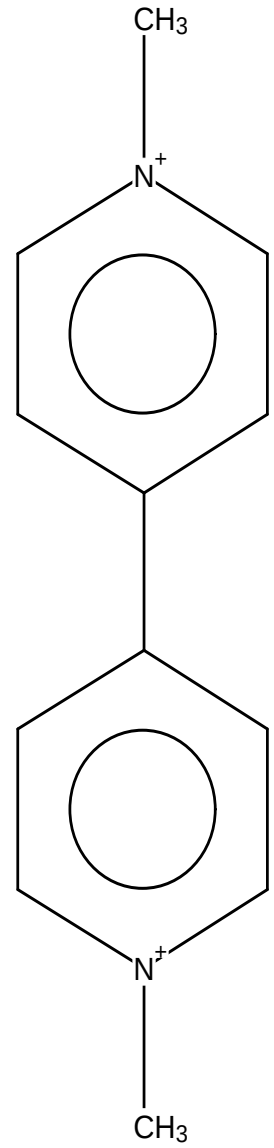
Reference: C.K.Prout, P.Murray-Rust (1969) *J.Chem.Soc.A* ,1520

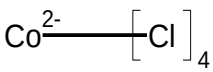
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},Cl_4\ Co_1\ ^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-dipyridylium tetrachlorocobaltate

Space Group:	Pnab	***Cell:***	***a***	7.700(20)	***b***	16.040(30)	***c***	12.400(20)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	11.70	***Temperature(K):***	295	***Density(g/cm^3):***	1.678





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 445

DMDPCU

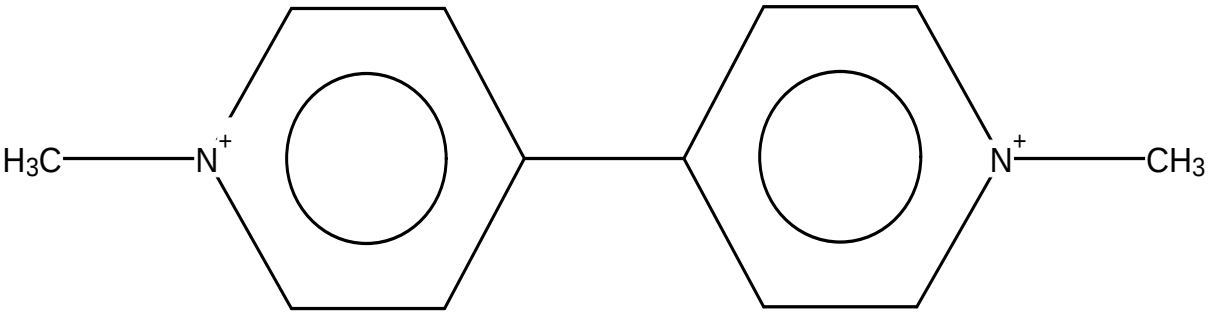
Reference: C.K.Prout, P.Murray-Rust (1969) *J.Chem.Soc.A* ,1520

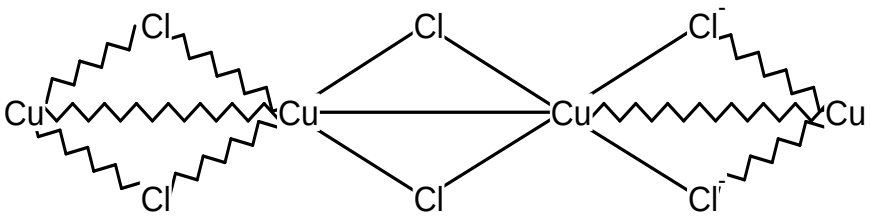
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Cl_4\ Cu_2\ ^{2-})$

Compound Name: catena-(Paraquat tetrakis(μ_2-chloro)-di-copper(i))

Space Group:	P42/n	***Cell:***	***a***	16.280(30)	***b***	16.280(30)	***c***	5.900(20)
Space Group No.:	86	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 11.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.933





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 446

DMDPCU01

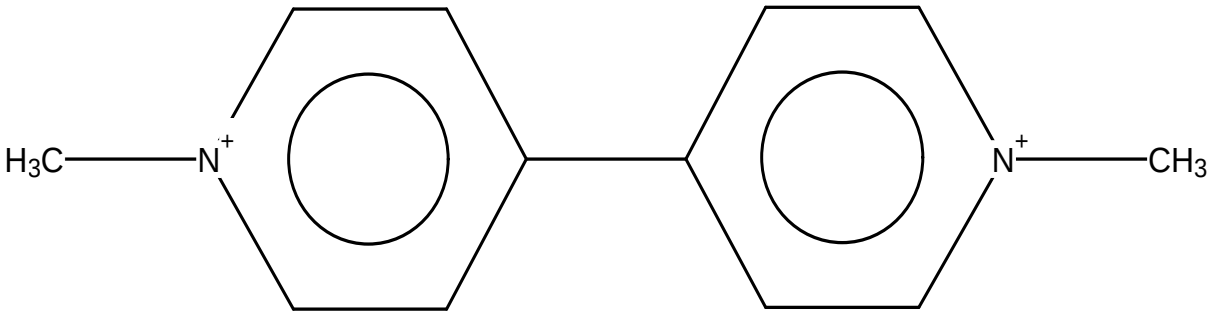
Reference: B.Scott, R.Willett, A.Saccani, F.Sandrolini, B.L.Ramakrishna (1996) *Inorg.Chim.Acta* ,**248,**73

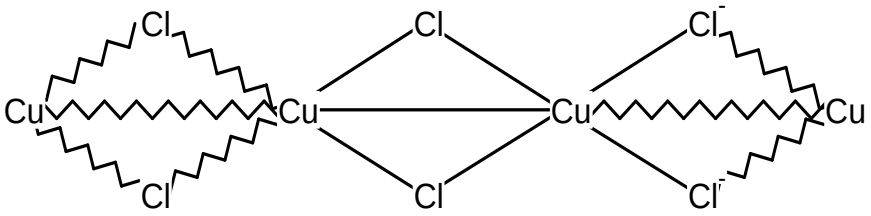
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Cl_4\ Cu_2\ ^{2-})$

Compound Name: catena-(Paraquat tetrakis(μ_2-chloro)-di-copper(i))

Space Group:	P42/n	***Cell:***	***a***	16.352(2)	***b***	16.352(2)	***c*** 5.911(2)
Space Group No.:	86	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.33 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.913





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 447

DMDPPD

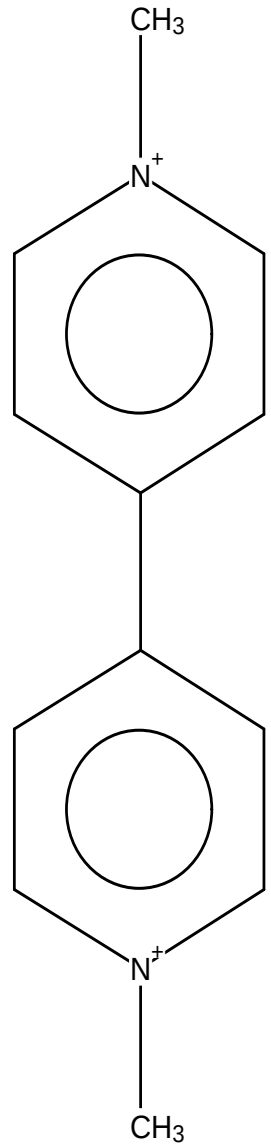
Reference: C.K.Prout, P.Murray-Rust (1969) *J.Chem.Soc.A* ,1520

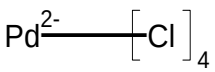
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+}, Cl_4\ Pd_1\ ^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-dipyridylium tetrachloropalladite

Space Group:	Ibam	***Cell:***	***a***	8.430(20)	***b***	13.500(20)	***c***	13.410(20)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	9.70	***Temperature(K):***	295	***Density(g/cm^3):***	1.891





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 448

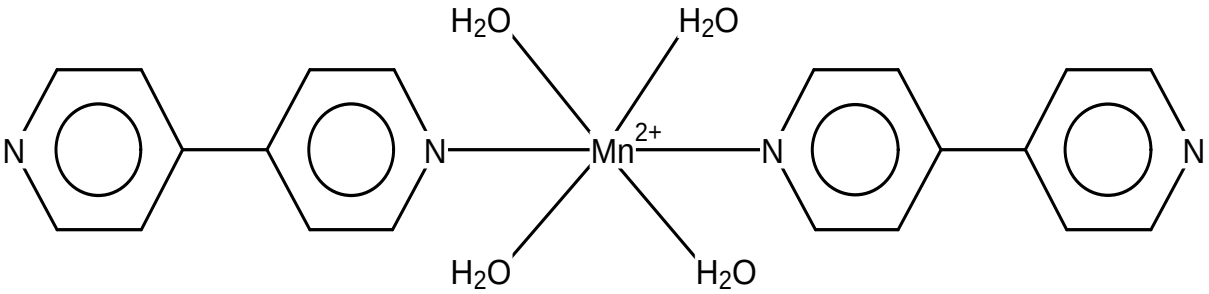
DOFWAX

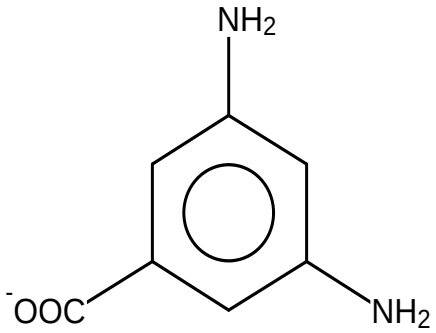
Reference: Xian-Ming Chen, Shu-Hua Zhang, Hua Hong Zou, An-Zhi Tan (2008) *J.Coord.Chem.* ,**61,**2563

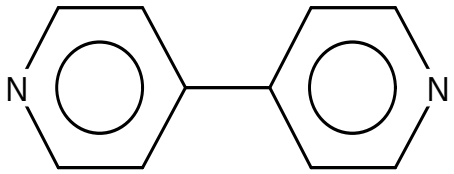
Formula: $C_{20}\ H_{24}\ Mn_1\ N_4\ O_4\ ^{2+}$,2($C_7\ H_7\ N_2\ O_2\ ^{1-}$),2($C_{10}\ H_8\ N_2$),8($H_2\ O_1$)

Compound Name: Tetra-aqua-trans-bis(4,4'-bipyridine-N)-manganese(ii) bis(3,5-diaminobenzoate) 4,4'-bipyridine solvate octahydrate

Space Group:	P2/c	***Cell:***	***a***	9.397(1)	***b***	7.778(1)	***c*** 39.529(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.14(0)	γ 90.00
R-Factor (%):	5.56	***Temperature(K):***	298		***Density(g/cm^3):***		1.377









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 449

DOFWEB

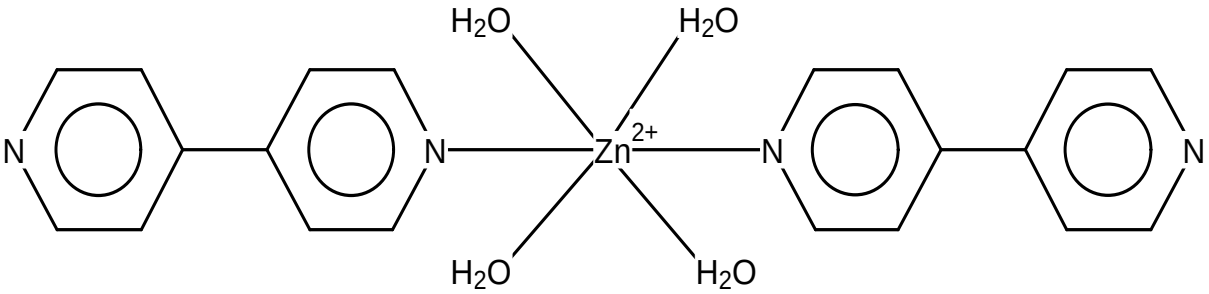
Reference: Xian-Ming Chen, Shu-Hua Zhang, Hua Hong Zou, An-Zhi Tan (2008) *J.Coord.Chem.* ,**61,**2563

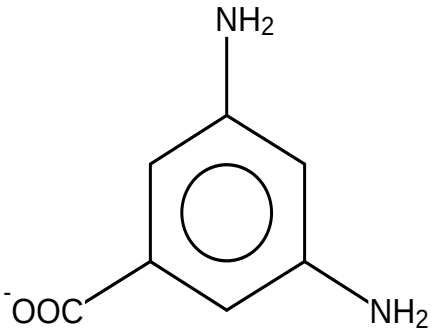
Formula: $C_{20}\ H_{24}\ N_4\ O_4\ Zn_1\ ^{2+}$,2($C_7\ H_7\ N_2\ O_2\ ^{1-}$),2($C_{10}\ H_8\ N_2$),8($H_2\ O_1$)

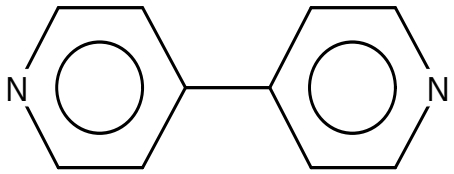
Compound Name: Tetra-aqua-trans-bis(4,4'-bipyridine-N)-zinc(ii) bis(3,5-diaminobenzoate) 4,4'-bipyridine solvate octahydrate

Space Group:	P2/c	***Cell:***	***a***	9.392(1)	***b***	7.769(1)	***c*** 39.289(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.11(0)	γ 90.00

R-Factor (%): 4.97 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.400









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 450

DOGJUF

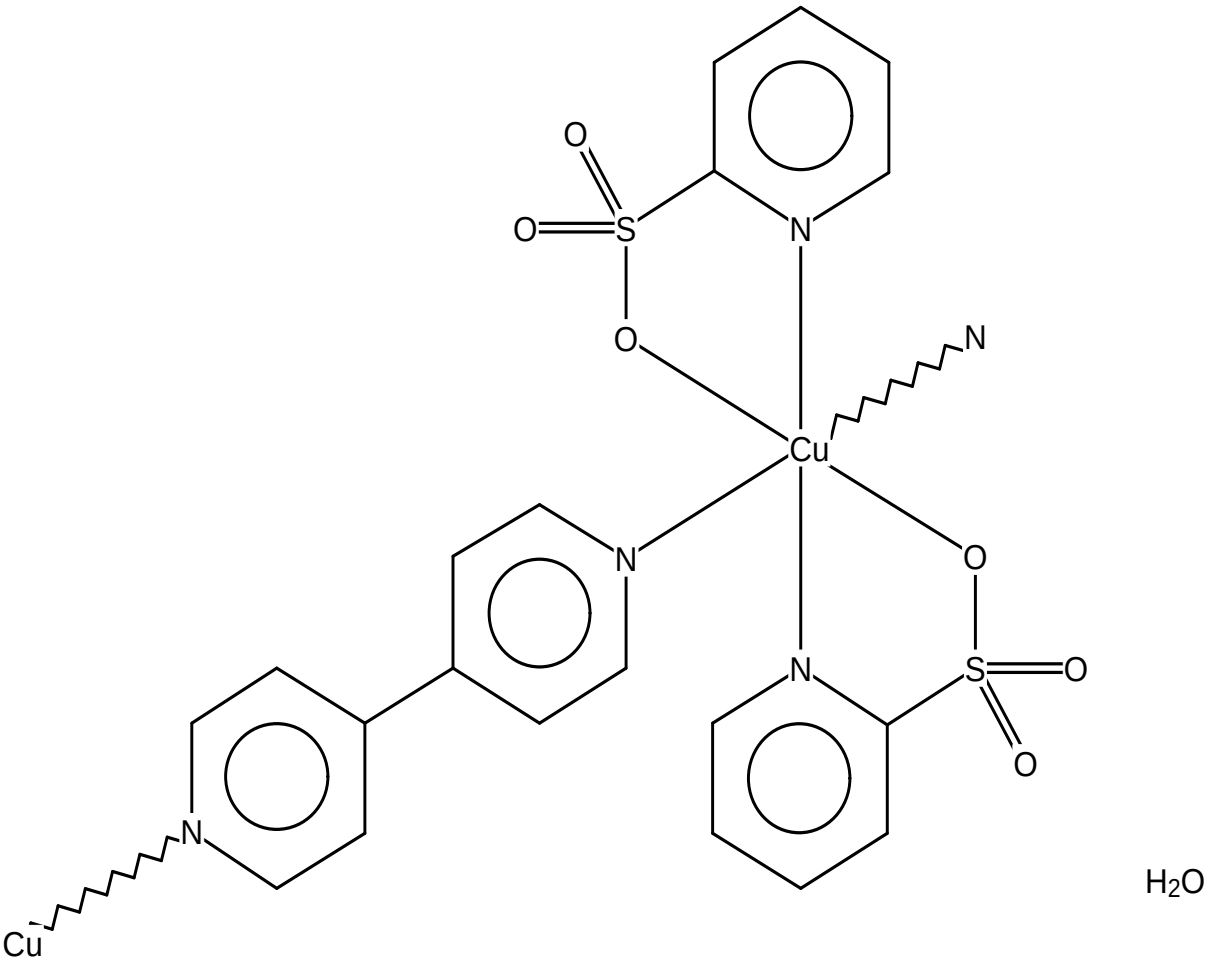
Reference: Sheng Hu, Kun-Huan He, Ming-Hua Zeng, Hua-Hong Zou, Yi-Min Jiang (2008) *Inorg.Chem. ,***47,**5218

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_6\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(2-pyridinesulfonato-N,O)-copper(ii) monohydrate clathrate]

Space Group:	P2/c	***Cell:***	***a***	10.839(8)	***b*** 11.142(8)	***c***	10.899(8)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.93(0)	γ	90.00

R-Factor (%): 7.36 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.434



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 451

DOGJUF01

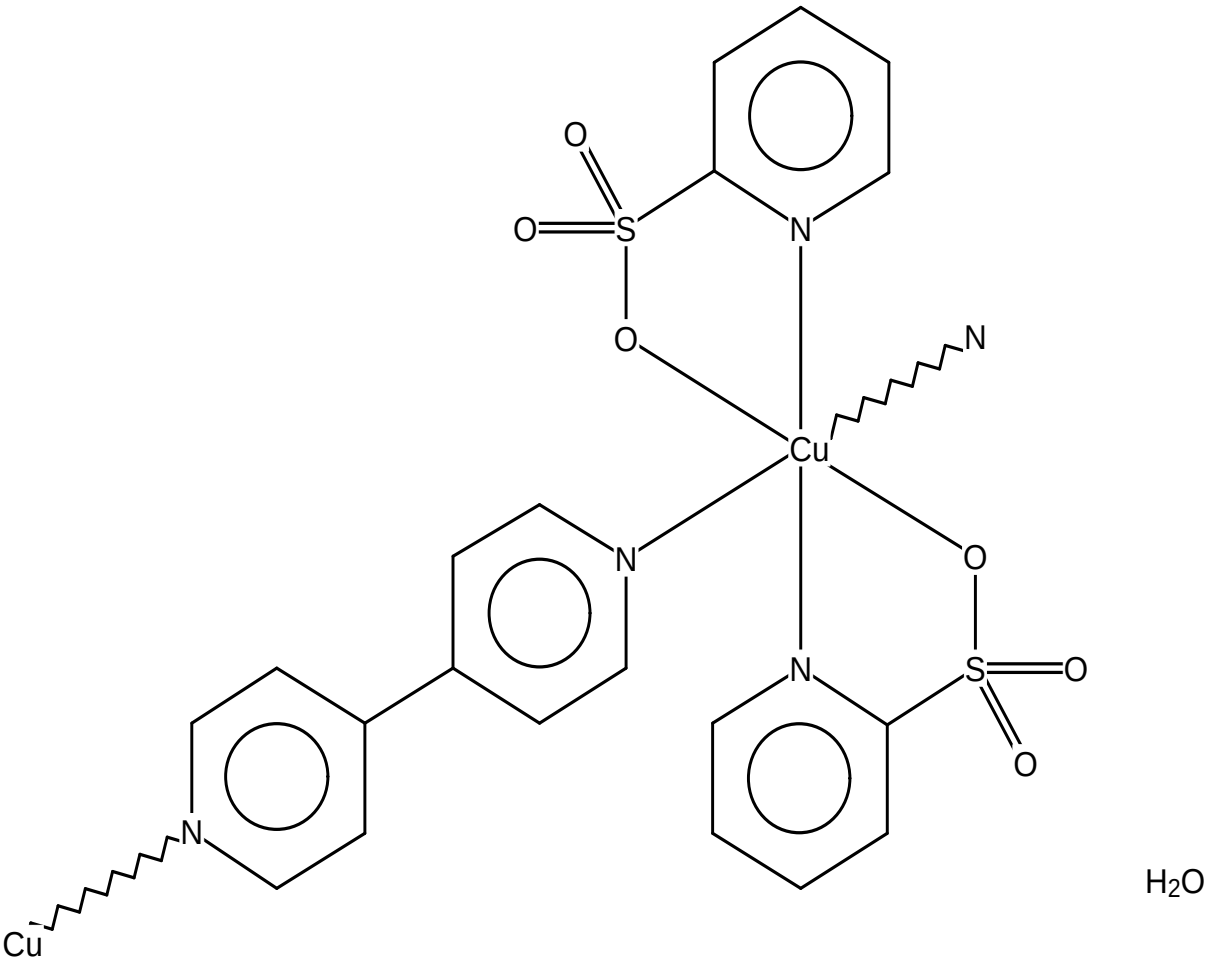
Reference: Sheng Hu, Kun-Huan He, Ming-Hua Zeng, Hua-Hong Zou, Yi-Min Jiang (2008) *Inorg.Chem. ,***47,**5218

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_6\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(2-pyridinesulfonato-N,O)-copper(ii) monohydrate clathrate]

Space Group:	P2/c	***Cell:***	***a***	10.767(3)	***b*** 11.145(3)	***c***	10.847(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.01(0)	γ	90.00

R-Factor (%): 5.09 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.451



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 452

DOGKAM

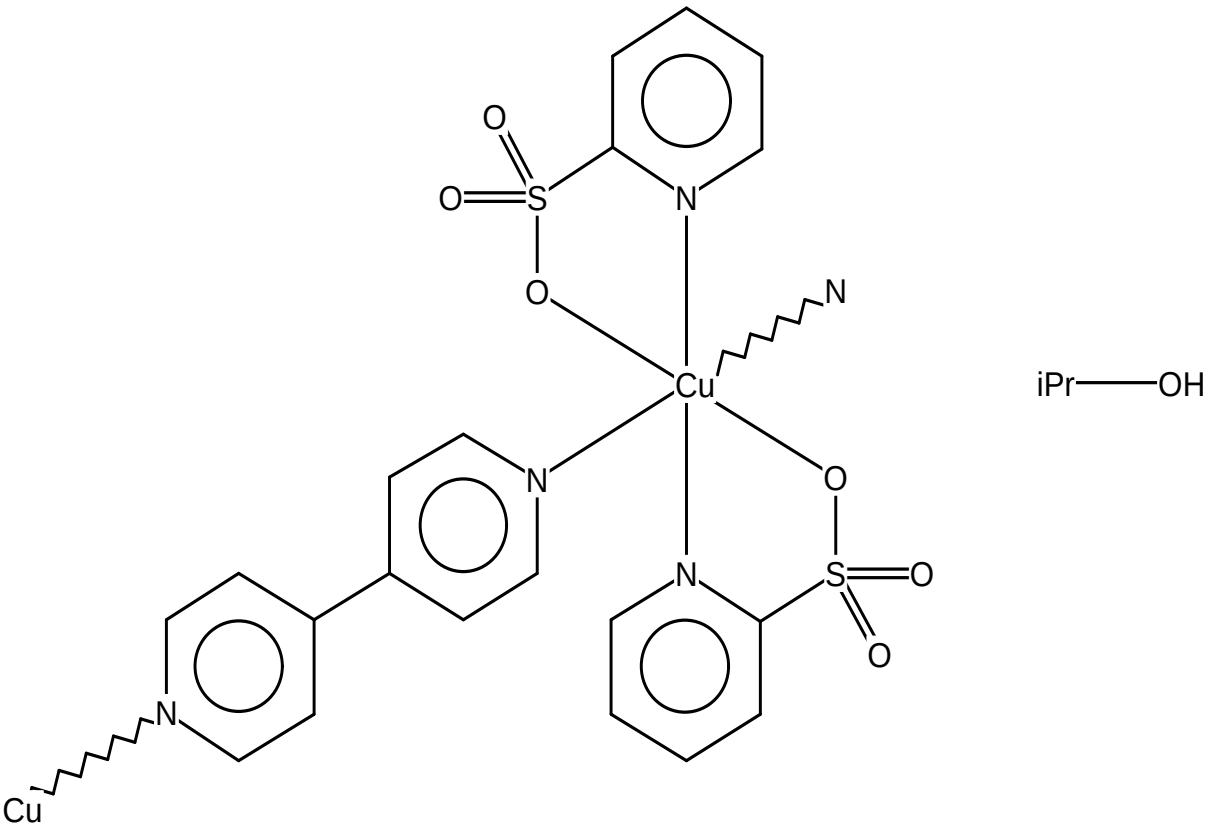
Reference: Sheng Hu, Kun-Huan He, Ming-Hua Zeng, Hua-Hong Zou, Yi-Min Jiang (2008) *Inorg.Chem. ,***47,**5218

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_6\ S_2)n,n(C_3\ H_8\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(2-pyridinesulfonato-N,O)-copper(ii) isopropanol clathrate]

Space Group:	P2/c	***Cell:***	***a***	10.840(5)	***b*** 11.144(5)	***c***	10.864(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.60(0)	γ	90.00

R-Factor (%): 4.20 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.546



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 453

DOGZOP

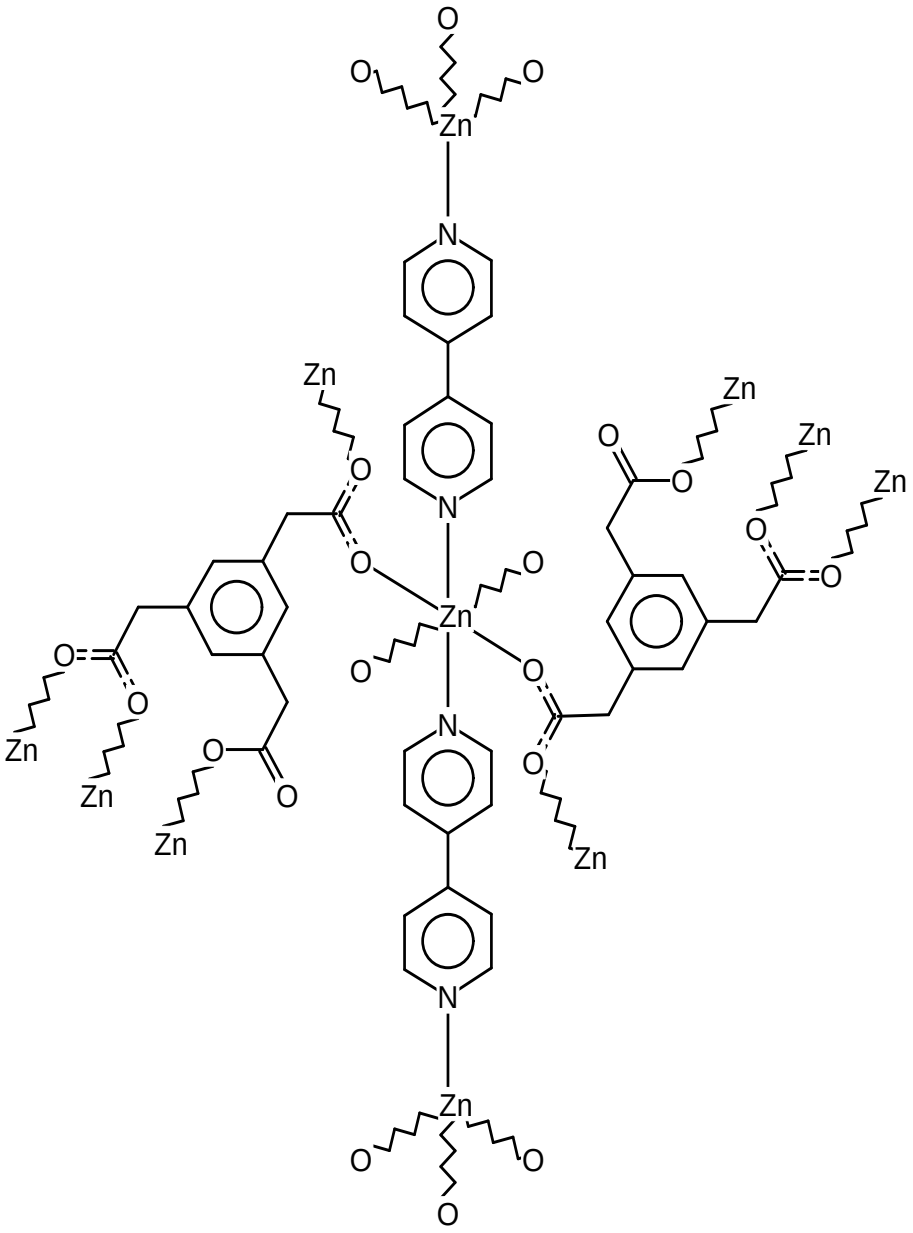
Reference: Guang-Xiang Liu, Yong-Qing Huang, Qian Chu, T.Okamura, Wei-Yin Sun, Hong Liang, N.Ueyama (2008) *Cryst.Growth Des. ,***8,**3233

Formula: $(C_{44}\ H_{34}\ N_4\ O_{12}\ Zn_3)n$

Compound Name: catena-(bis(μ_5-benzene-1,3,5-triacetato)-bis(μ_2-4,4'-bipyridine)-tri-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	11.626(3)	***b*** 11.192(3)	***c***	15.631(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.54(0)	γ	90.00

R-Factor (%): 3.38 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.756



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 454

DOHBIM

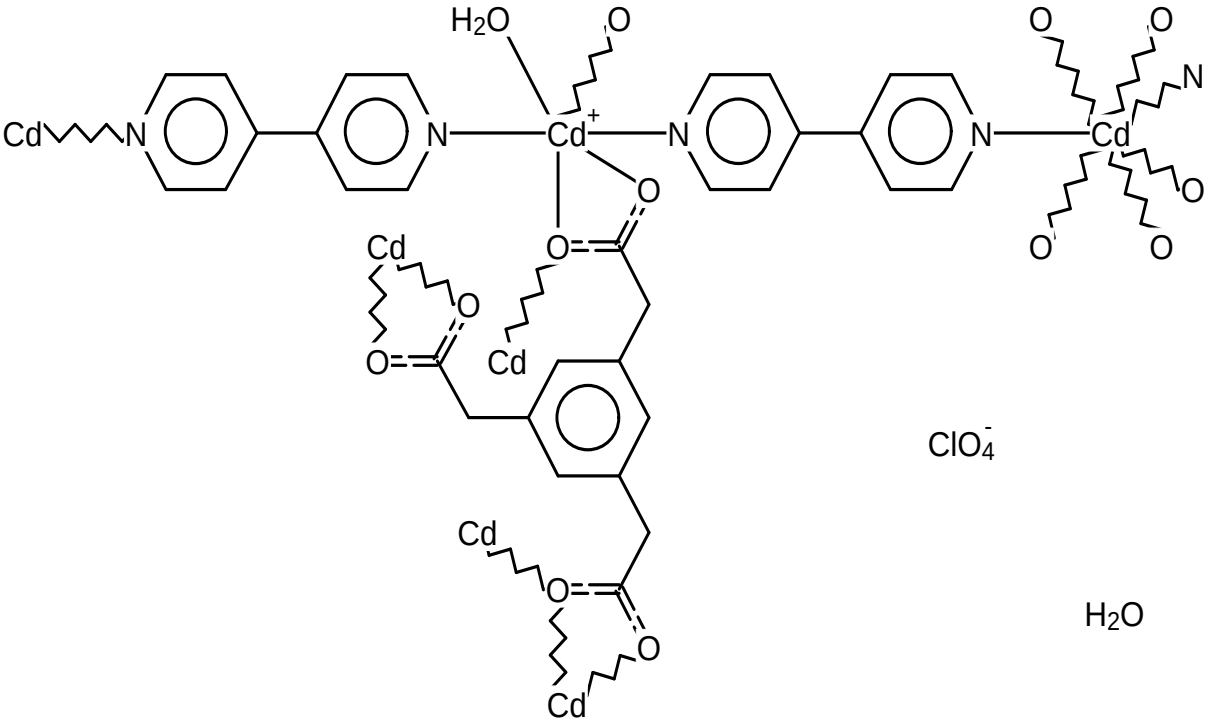
Reference: Guang-Xiang Liu, Yong-Qing Huang, Qian Chu, T.Okamura, Wei-Yin Sun, Hong Liang, N.Ueyama (2008) *Cryst.Growth Des.* ,**8,**3233

Formula: $(C_{32}\ H_{27}\ Cd_2\ N_4\ O_7\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-((μ_5-benzene-1,3,5-triacetato)-bis(μ_2-4,4'-bipyridine)-aqua-di-cadmium(ii) perchlorate monohydrate)

Space Group:	P21/n	***Cell:***	***a***	12.441(2)	***b***	15.431(3)	***c*** 18.068(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.27(0)	γ 90.00

R-Factor (%): 5.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.784



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 455

DOHBOS

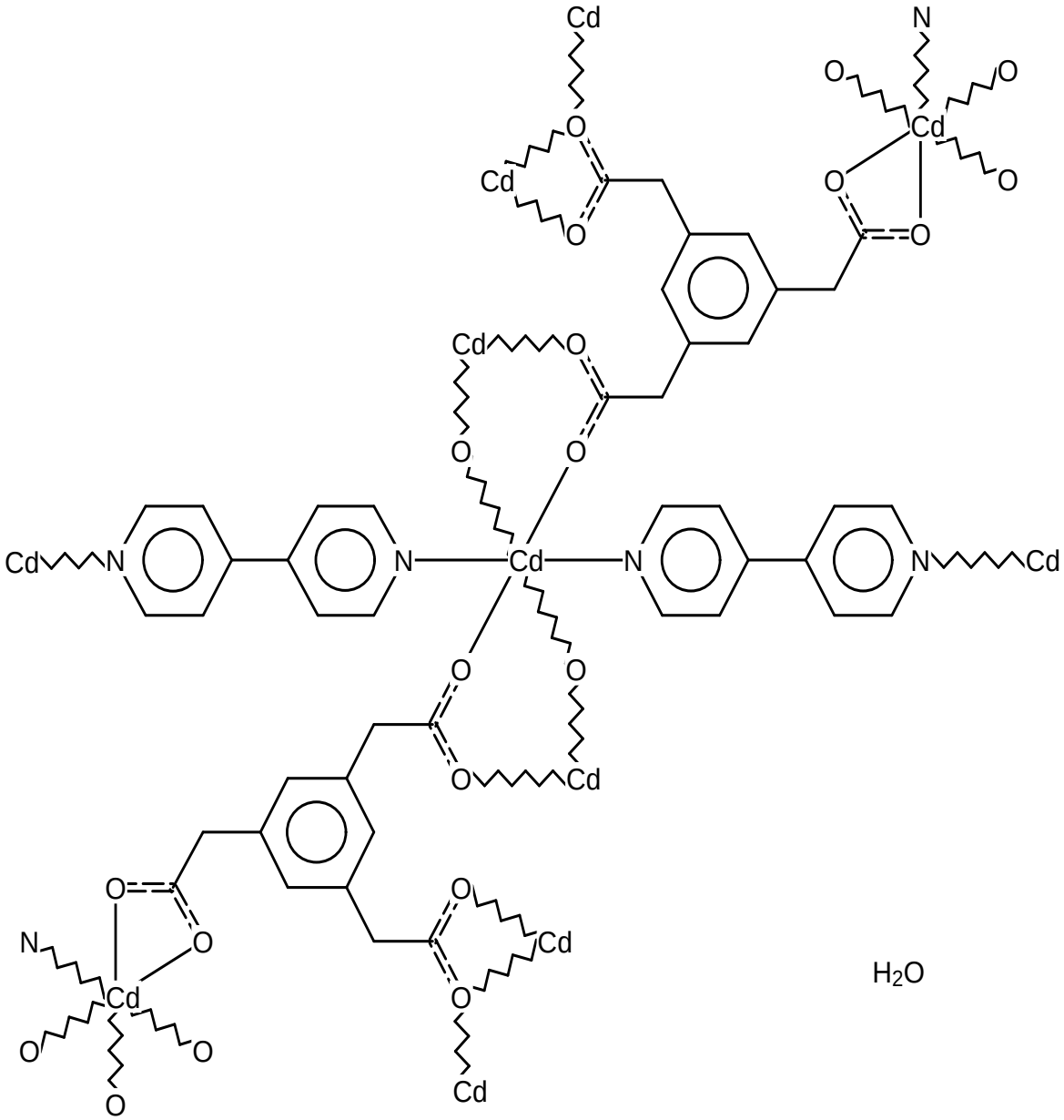
Reference: Guang-Xiang Liu, Yong-Qing Huang, Qian Chu, T.Okamura, Wei-Yin Sun, Hong Liang, N.Ueyama (2008) *Cryst.Growth Des.* ,**8,**3233

Formula: $(C_{44}\ H_{34}\ Cd_3\ N_4\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-benzene-1,3,5-triacetato)-bis(μ_2-4,4'-bipyridine)-tri-cadmium(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.489(1)	***b***	9.790(1)	***c***	12.949(2)
Space Group No.:	2	***(Å,°)***	α	71.61(0)	β	68.93(0)	γ	78.04(0)

R-Factor (%): 9.34 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.856


Cd
N
O
Cd
O
Cd
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 456

DOHQAT

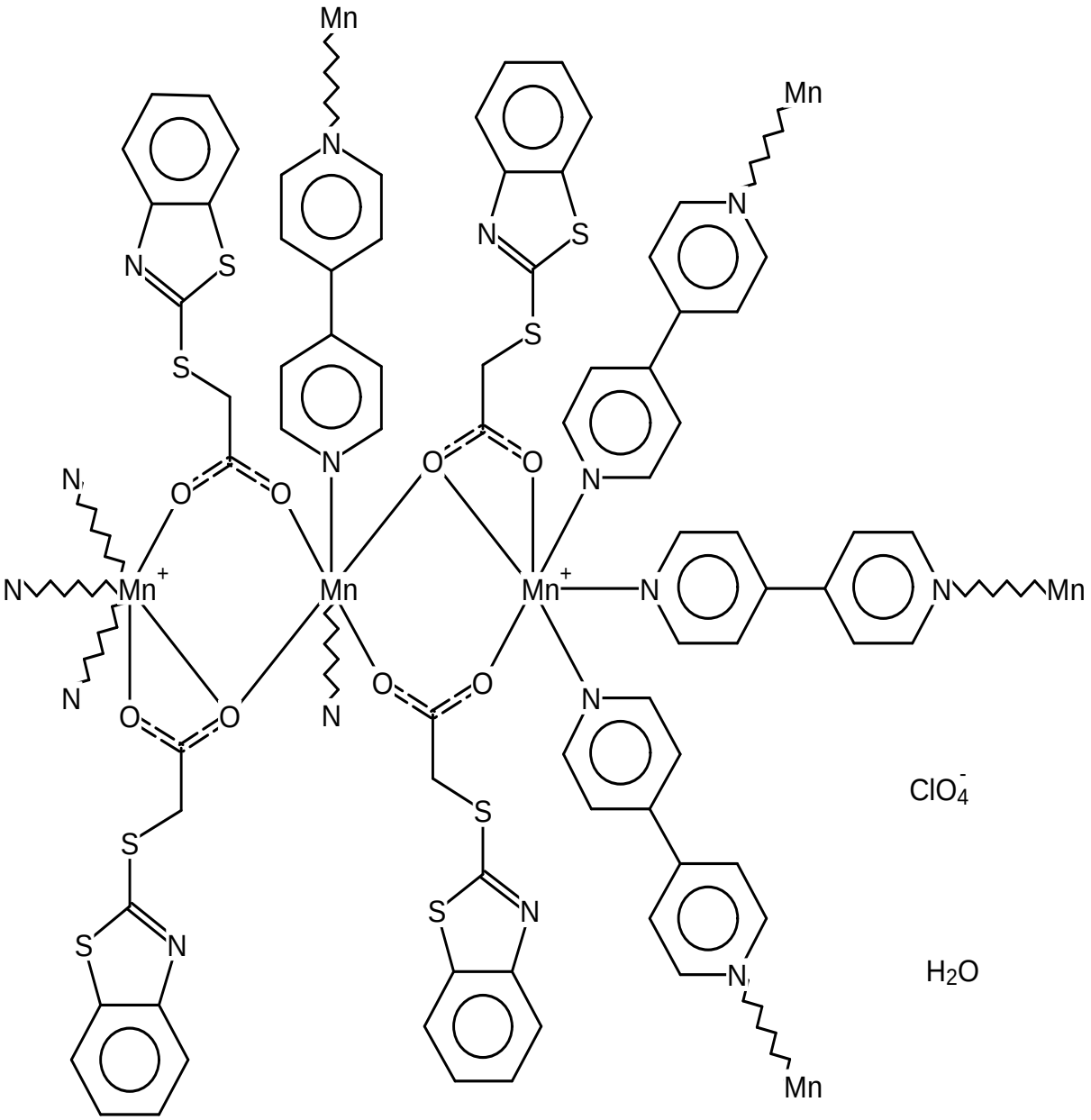
Reference: Fu-Ping Huang, Qing Yu, He-Dong Bian, Shi-Ping Yan, Hong Liang (2008) *Polyhedron* ,**27,**3160

Formula: $(C_{76}\ H_{56}\ Mn_3\ N_{12}\ O_8\ S_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-2-((benzothiazol-2-yl) thio)acetato-O,O,O')-bis(μ_2-2-((benzothiazol-2-yl)thio)acetato-O,O')-tri-manganese(ii) diperchlorate dihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.632(3)	***b*** 19.152(4)	***c***	18.811(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.86(0)	γ	90.00

R-Factor (%): 6.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.576



Search: search1 (Thu May 26 10:05:42 2011): Hit 457

DOHQEX

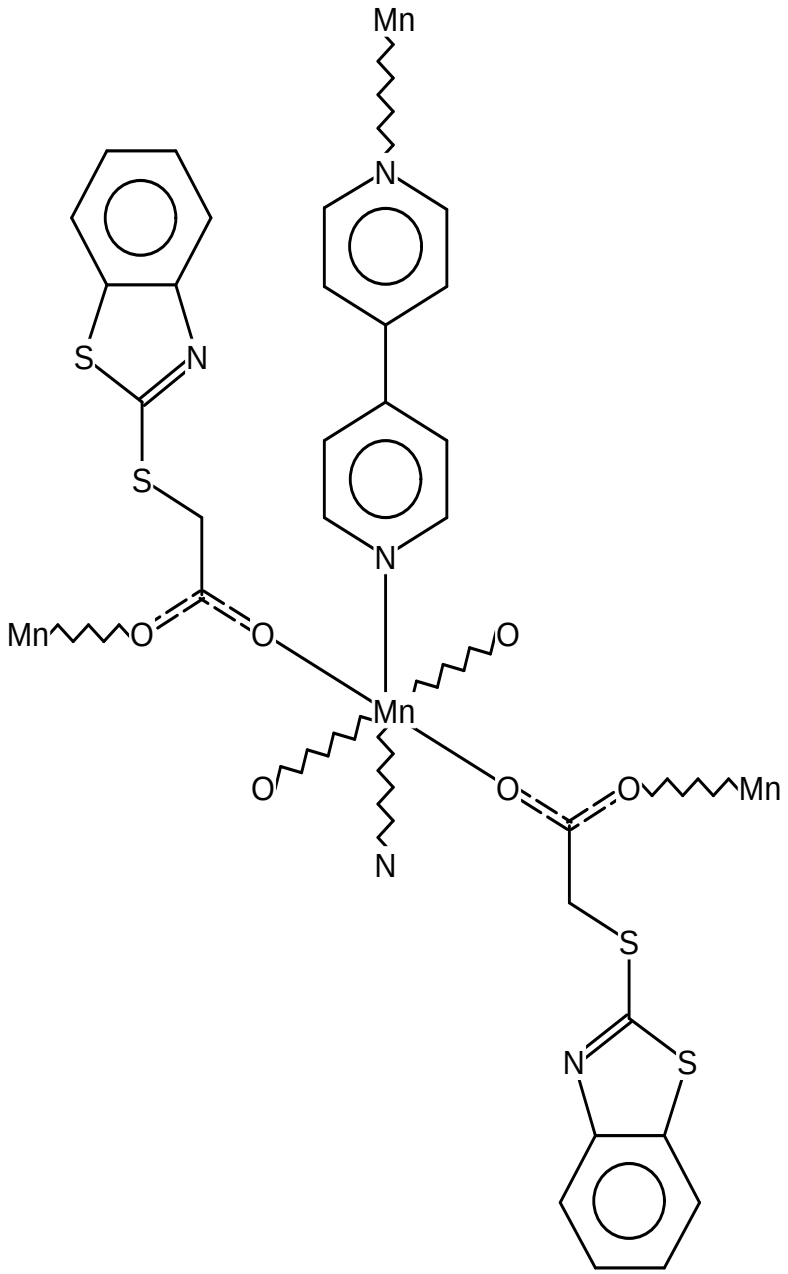
Reference: Fu-Ping Huang, Qing Yu, He-Dong Bian, Shi-Ping Yan, Hong Liang (2008) *Polyhedron* ,**27,**3160

Formula: $(C_{28}\ H_{20}\ Mn_1\ N_4\ O_4\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-2-((benzothiazol-2-yl)thio) acetato-O,O')-manganese(ii))

Space Group:	P21/c	***Cell:***	***a***	4.985(5)	***b*** 23.180(20)	***c***	11.763(11)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.08(1)	γ	90.00

R-Factor (%): 5.96 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.637



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 458

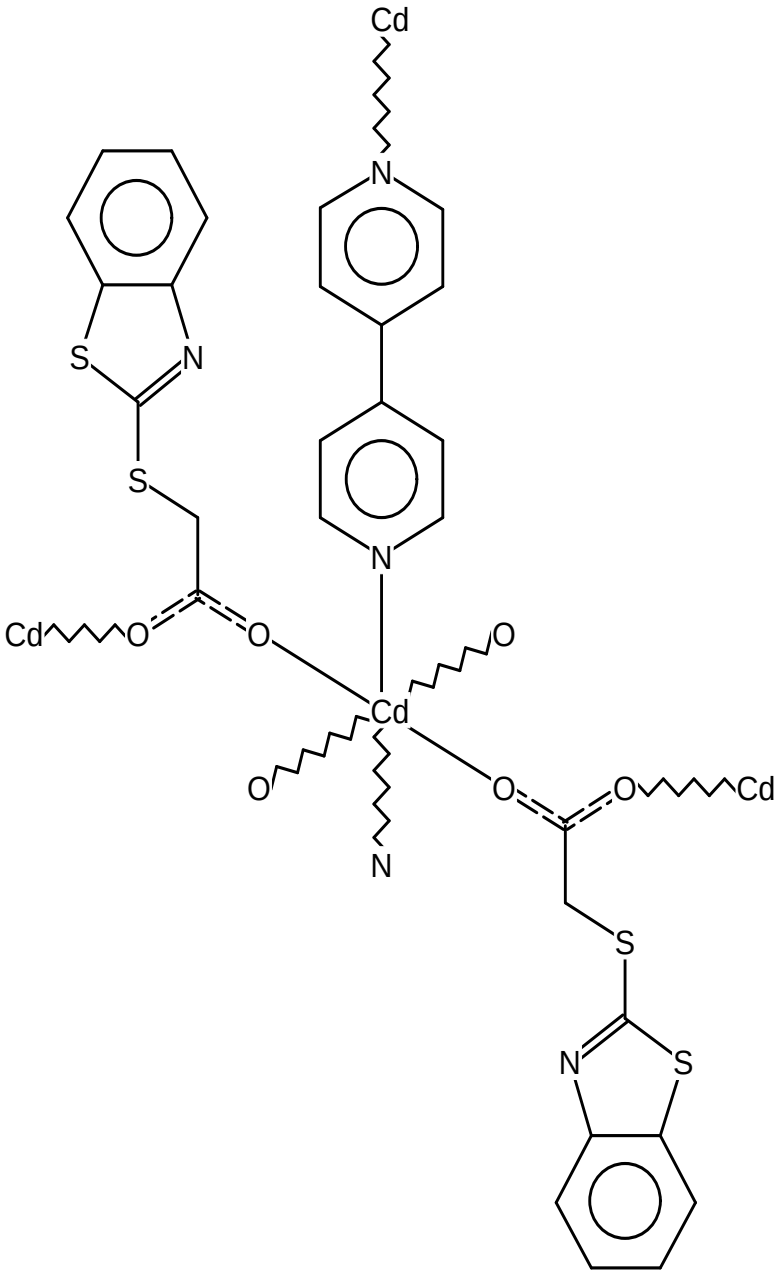
DOHQIB

Reference: Fu-Ping Huang, Qing Yu, He-Dong Bian, Shi-Ping Yan, Hong Liang (2008) *Polyhedron* ,**27,**3160

Formula: $(C_{28}\ H_{20}\ Cd_1\ N_4\ O_4\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-2-((benzothiazol-2-yl)thio) acetato-O,O')-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a***	5.063(1)	***b***	22.815(4)	***c*** 11.833(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.20(0)	γ 90.00
R-Factor (%):	3.24	***Temperature(K):***	298		***Density(g/cm^3):***		1.771



Search: search1 (Thu May 26 10:05:42 2011): Hit 459

DOHQOH

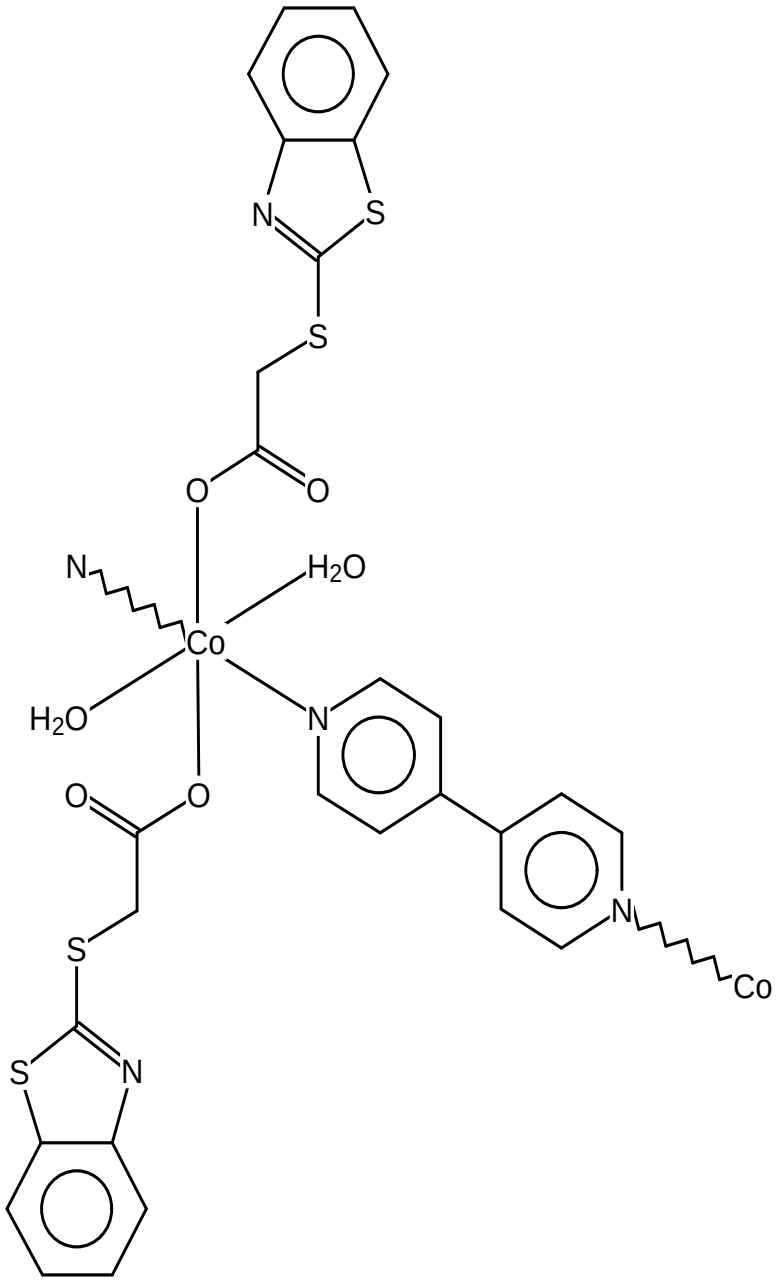
Reference: Fu-Ping Huang, Qing Yu, He-Dong Bian, Shi-Ping Yan, Hong Liang (2008) *Polyhedron* ,**27,**3160

Formula: $(C_{28}\ H_{24}\ Co_1\ N_4\ O_6\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(2-((benzothiazol-2-yl)thio) acetato-O)-cobalt(ii))

Space Group:	P-1	***Cell:***	***a***	5.678(6)	***b***	11.437(12)	***c***	11.623(12)
Space Group No.:	2	***(Å,°)***	α	71.70(1)	β	85.64(1)	γ	77.48(1)

R-Factor (%): 6.52 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.661



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 460

DOHQUN

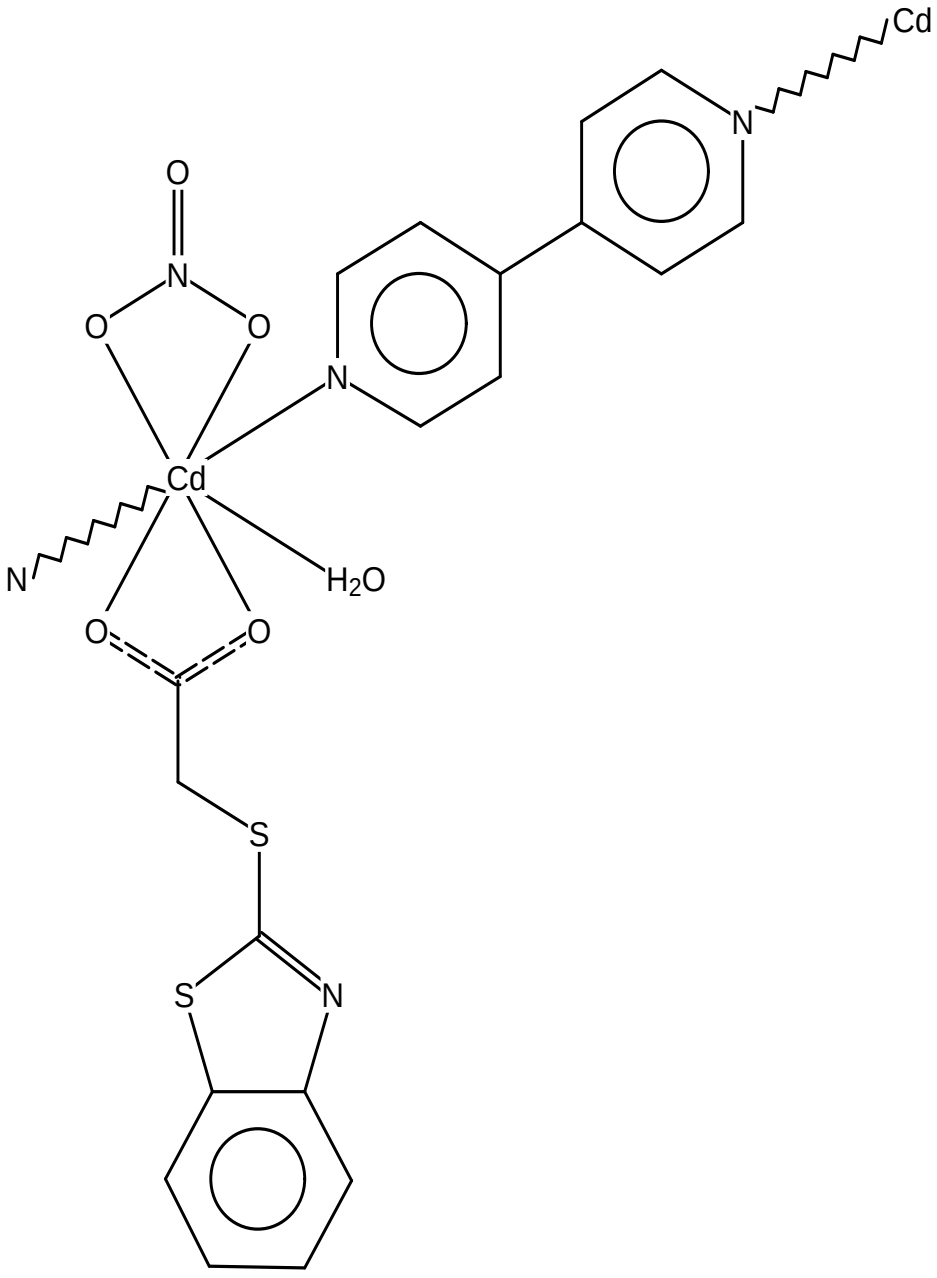
Reference: Fu-Ping Huang, Qing Yu, He-Dong Bian, Shi-Ping Yan, Hong Liang (2008) *Polyhedron* ,**27,**3160

Formula: $(C_{19}\ H_{16}\ Cd_1\ N_4\ O_6\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-aqua-(nitrato-O,O')-(2-((benzothiazol-2-yl)thio)acetato-O,O')-cadmium(ii))

Space Group:	Pbca	***Cell:***	***a***	17.319(2)	***b***	10.334(1)	***c***	23.457(3)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.71 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.813



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 461

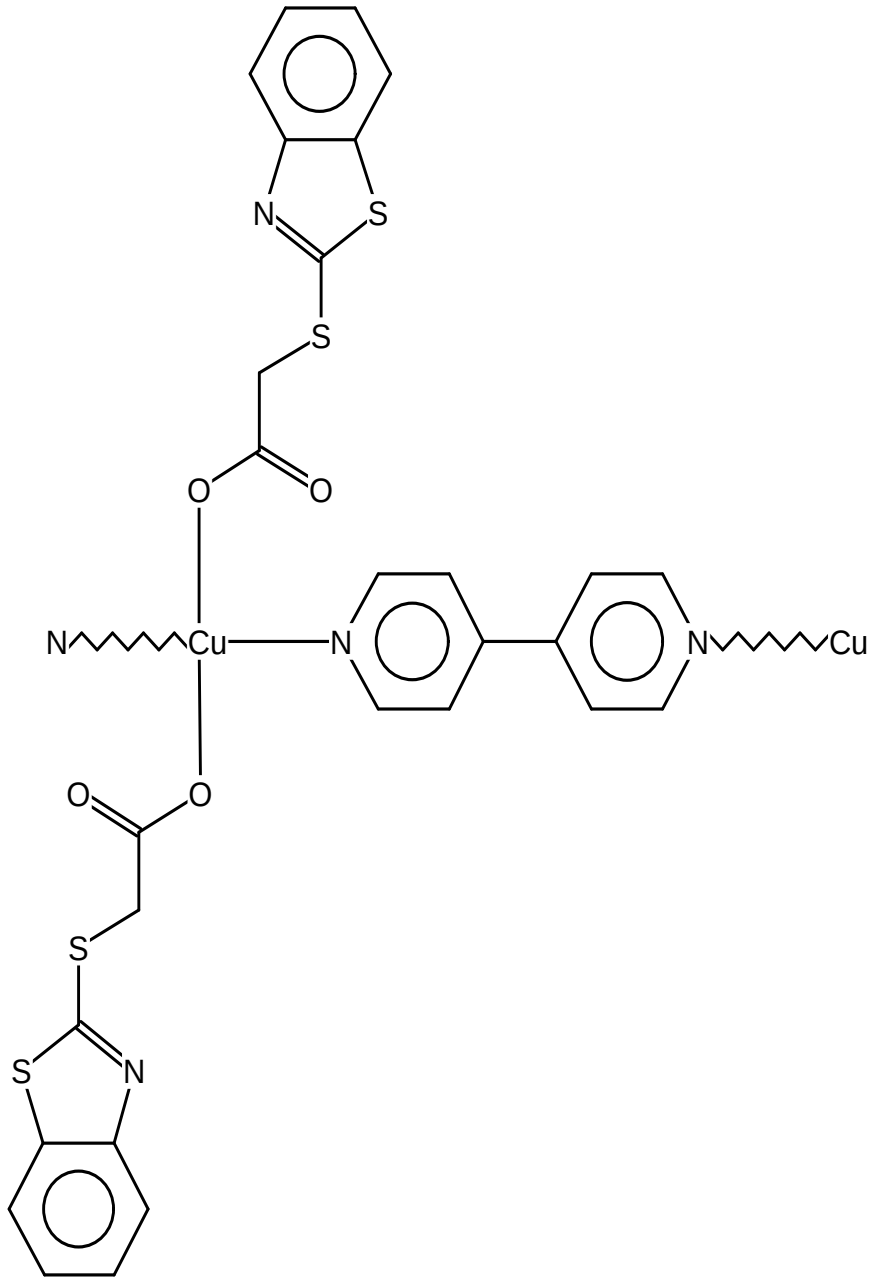
DOHRAU

Reference: Fu-Ping Huang, Qing Yu, He-Dong Bian, Shi-Ping Yan, Hong Liang (2008) *Polyhedron* ,**27,**3160

Formula: $(C_{28}\ H_{20}\ Cu_1\ N_4\ O_4\ S_4)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-bis(2-((benzothiazol-2-yl)thio)acetato-O)-copper(ii))

Space Group:	P-1	***Cell:***	***a*** 10.822(3)	***b*** 11.061(3)	***c*** 12.269(4)
Space Group No.:	2	***(Å,°)***	α 112.08(0)	β 98.36(0)	γ 90.70(0)
R-Factor (%):	3.76	***Temperature(K):***	298	***Density(g/cm^3):***	1.653



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 462

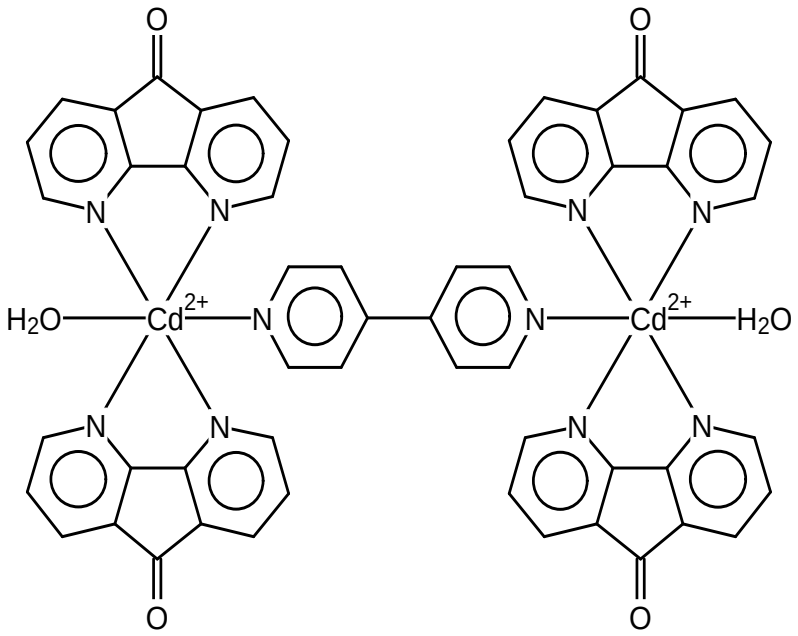
DOHYOP

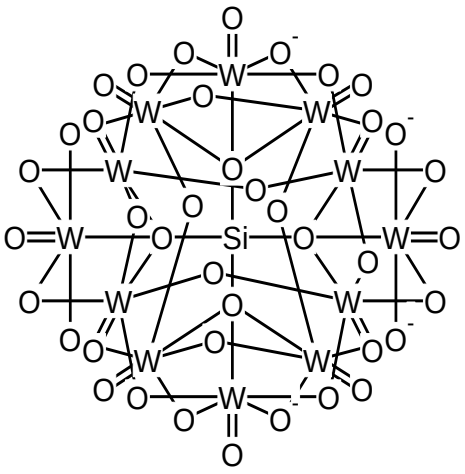
Reference: Jingxin Meng, Xinlong Wang, Ying Ma, Enbo Wang, Xinxin Xu (2008) *J.Coord.Chem. ,***61,**2853

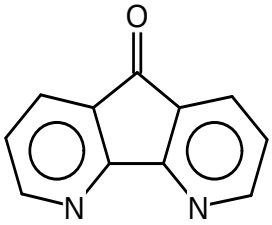
Formula: $C_{54}\ H_{36}\ Cd_2\ N_{10}\ O_6\ ^{4+}, O_{40}\ Si_1\ W_{12}\ ^{4-}, C_{11}\ H_6\ N_2\ O_1$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-tetrakis(4,5-diazafluoren-9-one-N,N')-di-cadmium(ii) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten 4,5-diazafluoren-9-one

Space Group:	P-1	***Cell:***	***a***	11.979(2)	***b***	14.549(3)	***c***	14.655(3)
Space Group No.:	2	***(Å,°)***	α	70.83(3)	β	67.35(3)	γ	72.21(3)
R-Factor (%):	7.43	***Temperature(K):***	298		***Density(g/cm^3):***		3.202	







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 463

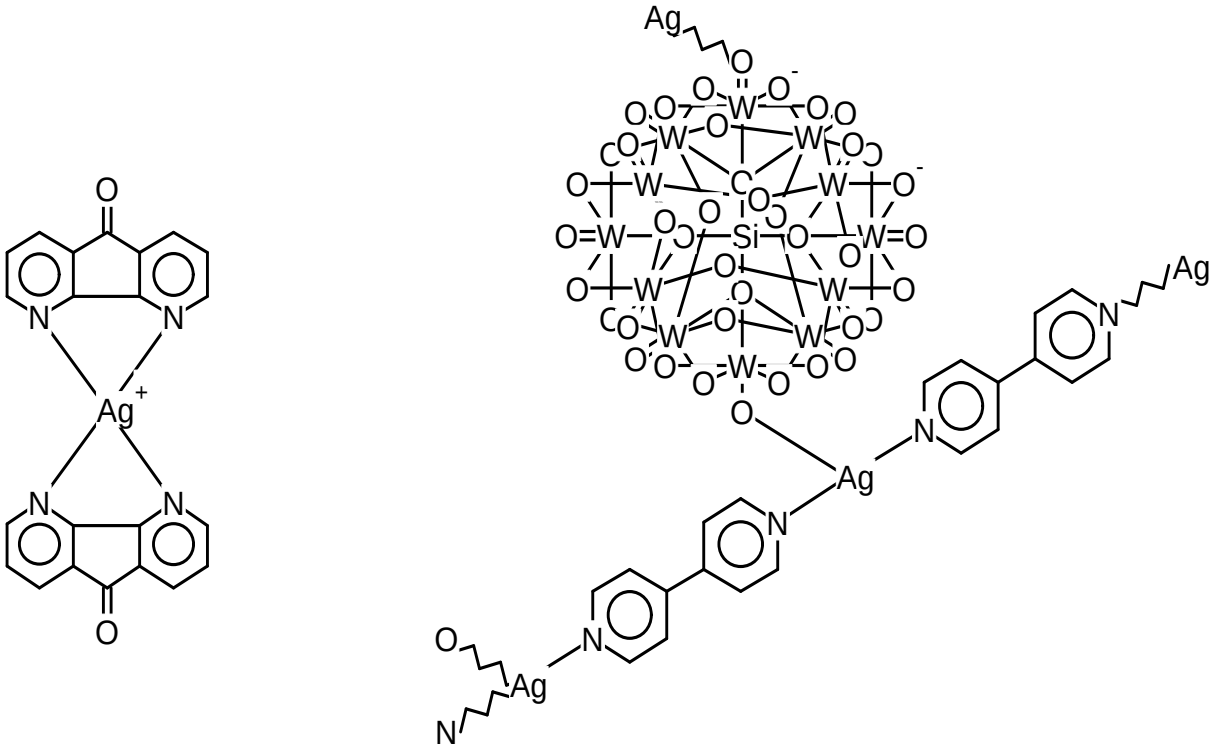
DOHYUV

Reference: Jingxin Meng, Xinlong Wang, Ying Ma, Enbo Wang, Xinxin Xu (2008) *J.Coord.Chem. ,***61,**2853

Formula: $(C_{22}\ H_{12}\ Ag_1\ N_4\ O_2\ ^{1+})2n,n(C_{20}\ H_{16}\ Ag_2\ N_4\ O_{40}\ Si_1\ W_{12}\ ^{2-})$

Compound Name: catena-(bis(bis(4,5-Diazafluorene-N,N')-silver) (μ_{12}-silicato)-bis(μ_2-4,4'-bipyridine-N,N')-hexacosakis(μ_2-oxo)-decaoxo-di-silver-dodeca-tungsten)

Space Group:	P-1	***Cell:***	***a***	11.357(2)	***b***	13.727(3)	***c***	14.047(3)
Space Group No.:	2	***(Å,°)***	α	74.17(3)	β	83.13(3)	γ	82.93(3)
R-Factor (%):	6.57	***Temperature(K):***	293		***Density(g/cm^3):***		3.466	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 464

DOJBAG

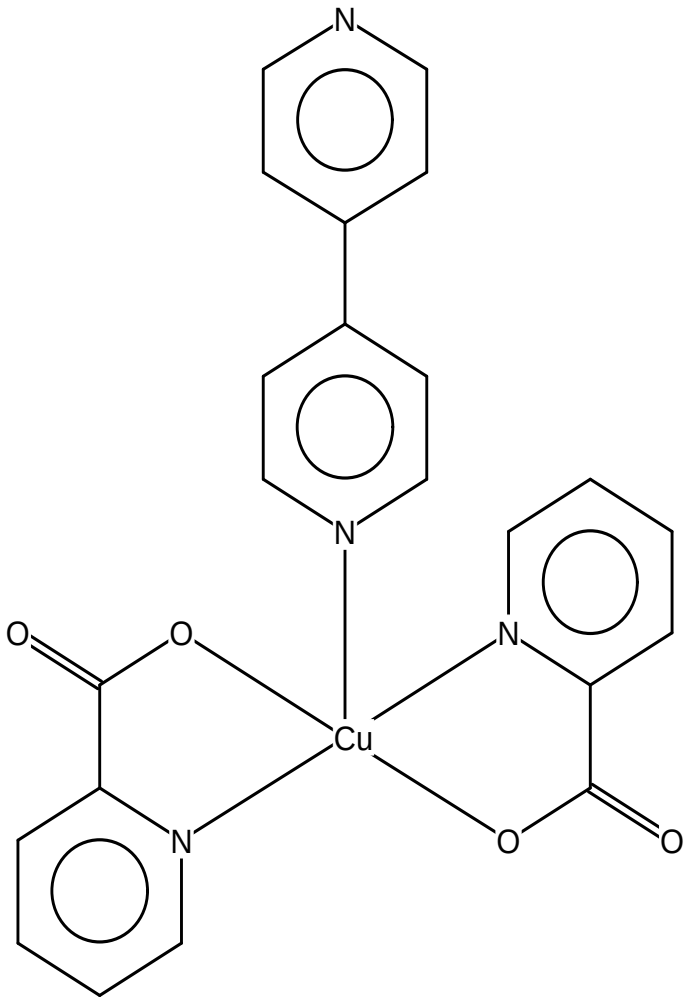
Reference: Jian Li, Dongsheng Li, Long Tang, Yapan Wu, Wenliang Wang, Yaoyu Wang (2008) *J.Coord.Chem.* ,**61,**2916

Formula: $C_{22}\ H_{16}\ Cu_1\ N_4\ O_4,H_2\ O_1$

Compound Name: (4,4'-Bipyridine-N)-bis(pyridine-2-carboxylato-N,O)-copper(ii) monohydrate

Space Group:	I41/acd	***Cell:***	***a***	24.797(2)	***b***	24.797(2)	***c***	14.811(2)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.12 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.406



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 465

DOJHEQ

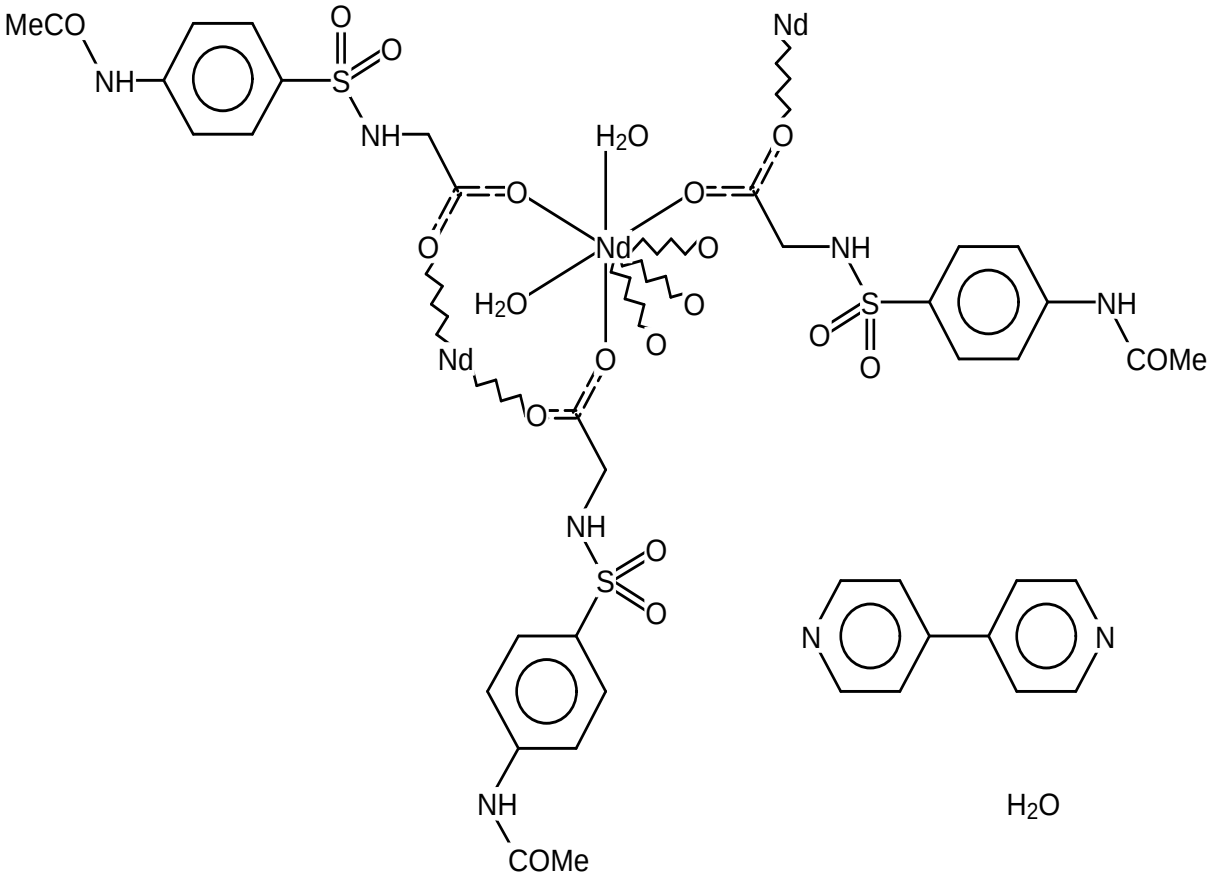
Reference: Lufang Mu, Shuhui Chen, Liya Wang, Hongwei Hou (2008) *Struct.Chem. ,***19,**603

Formula: $(C_{30}\ H_{37}\ N_6\ Nd_1\ O_{17}\ S_3)n,n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-[tris(μ_2-N-(4-Acetamidobenzenesulfonyl)glycinato-O,O')-diaqua-neodymium(iii) 4,4'-bipyridine heptahydrate]

Space Group:	P-1	***Cell:***	***a***	9.617(0)	***b*** 16.985(1)	***c***	17.569(1)
Space Group No.:	2	***(Å,°)***	α	99.69(0)	β 105.85(0)	γ	93.87(0)

R-Factor (%): 3.41 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.569



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 466

DOJKAP

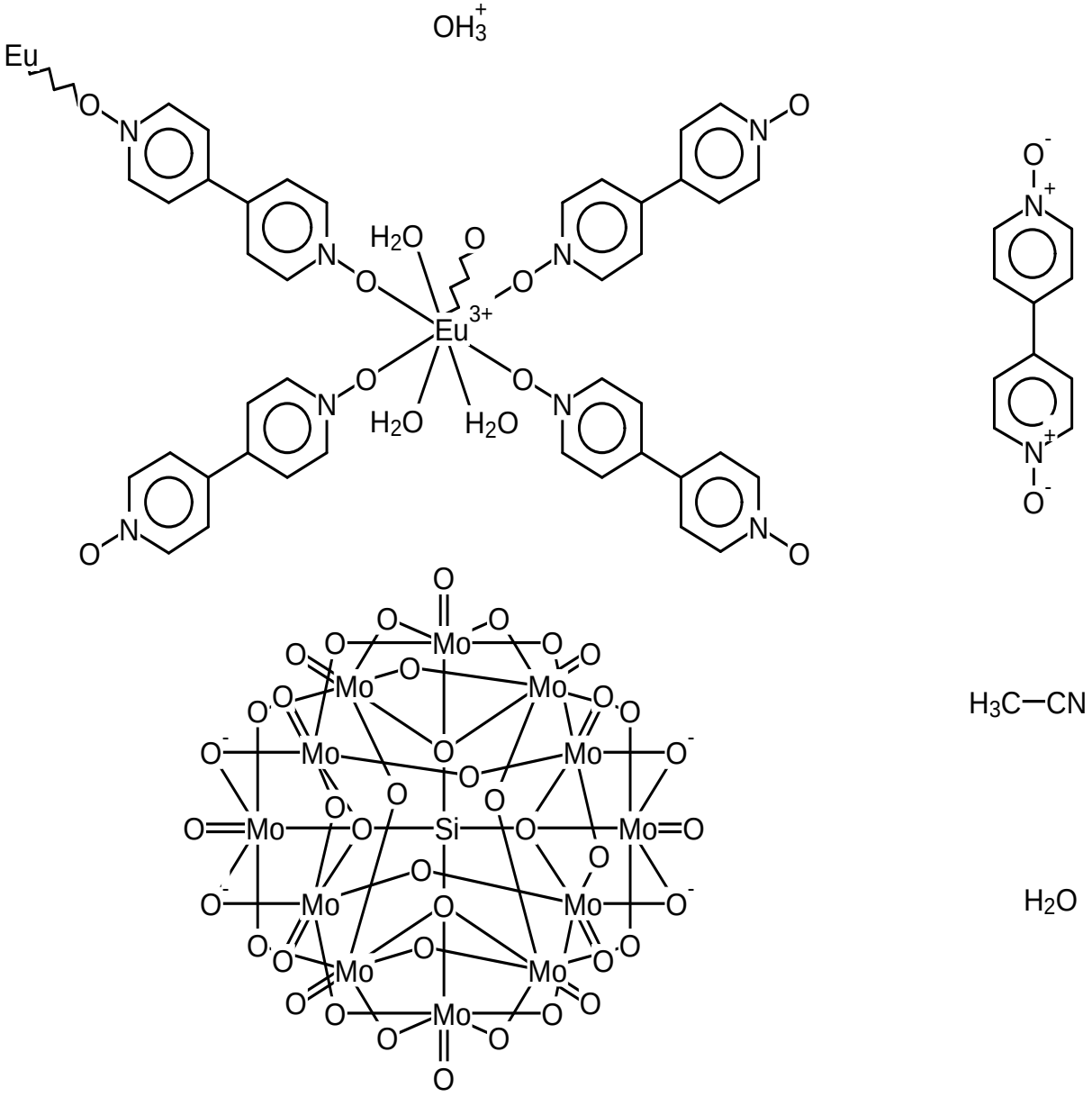
Reference: Mei Lin Wei, Rui Ping Sun, Kai Jiang (2008)
Z.Naturforsch.,B:Chem.Sci. ,**63,**255

Formula: $(C_{40}\ H_{38}\ Eu_1\ N_8\ O_{11}\ ^{3+})n,n(H_3\ O_1\ ^{1+}),n(Mo_{12}\ O_{40}\ Si_1\ ^{4-}),0.5n(C_{10}\ H_8\ N_2\ O_2),0.5n(C_2$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-triaqua-tris(4,4'-bipyridine-N,N'-dioxide-O)-europium(iii) oxonium (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodeca-oxo-dodeca-molybdenum hemikis(4,4'-bipyridine-N,N'-dioxide) acetonitrile solvate trihydrate]

Space Group:	P-1	***Cell:***	***a***	13.250(3)	***b***	16.539(4)	***c*** 18.526(5)
Space Group No.:	2	***(Å,°)***	α	88.52(0)	β	81.89(0)	γ 83.19(0)

R-Factor (%): 6.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.468



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 467

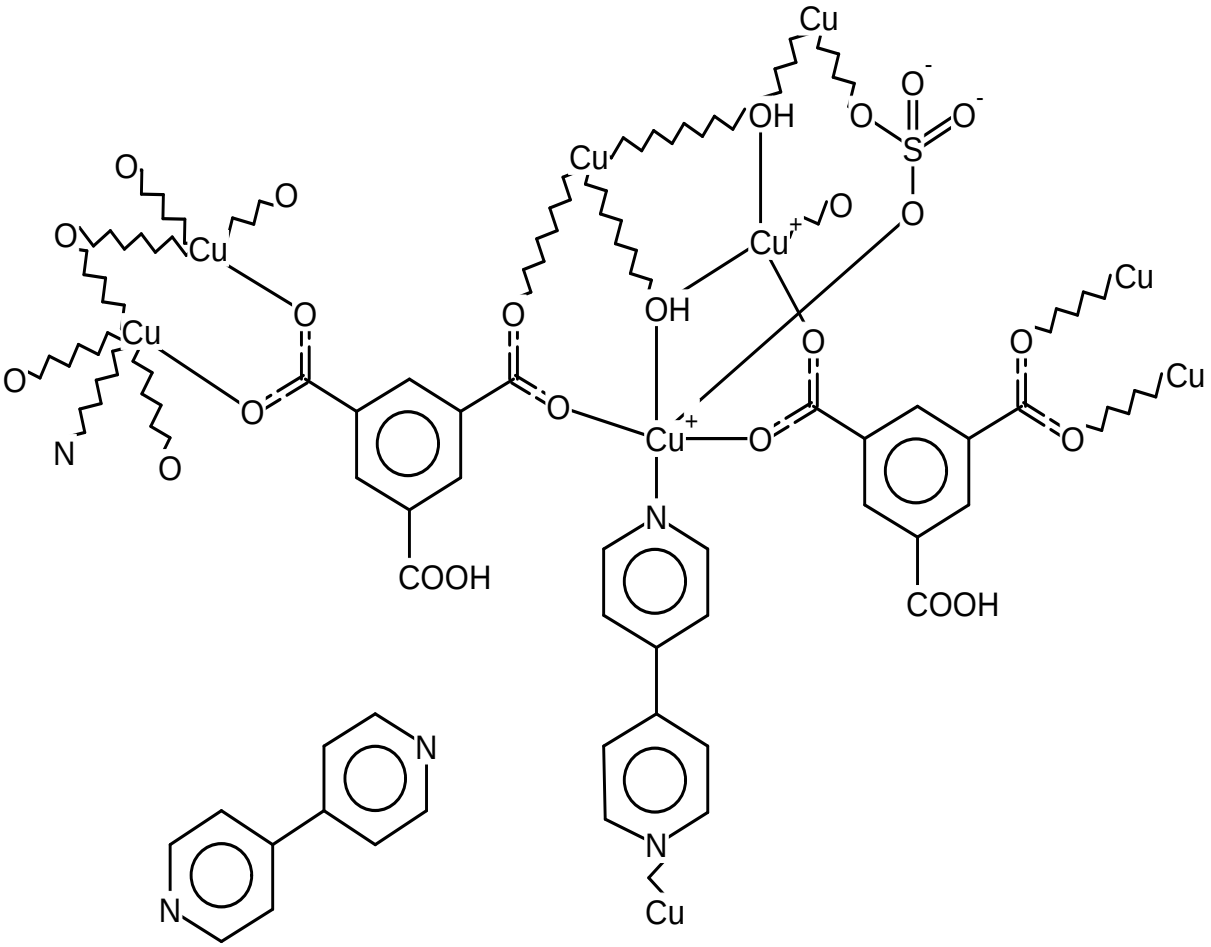
DOKHIV

Reference: Haiyan He, Fangna Dai, Aiping Xie, Xin Tong, Daofeng Sun (2008) *CrystEngComm ,***10,**1429

Formula: $(C_{28}\ H_{18}\ Cu_4\ N_2\ O_{18}\ S_1)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((μ4-1-Carboxybenzene-3,5-dicarboxylato)-(μ3-hydroxo))-(μ2-4,4'-bipyridine)-(μ2-sulfato-O,O')-tetra-copper 4,4'-bipyridine solvate)

Space Group:	C2/c	***Cell:***	***a***	33.566(0)	***b***	6.668(0)	***c*** 21.224(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	126.74(0)	γ 90.00
R-Factor (%):	6.06	***Temperature(K):***	273	***Density(g/cm3):***	1.942		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 468

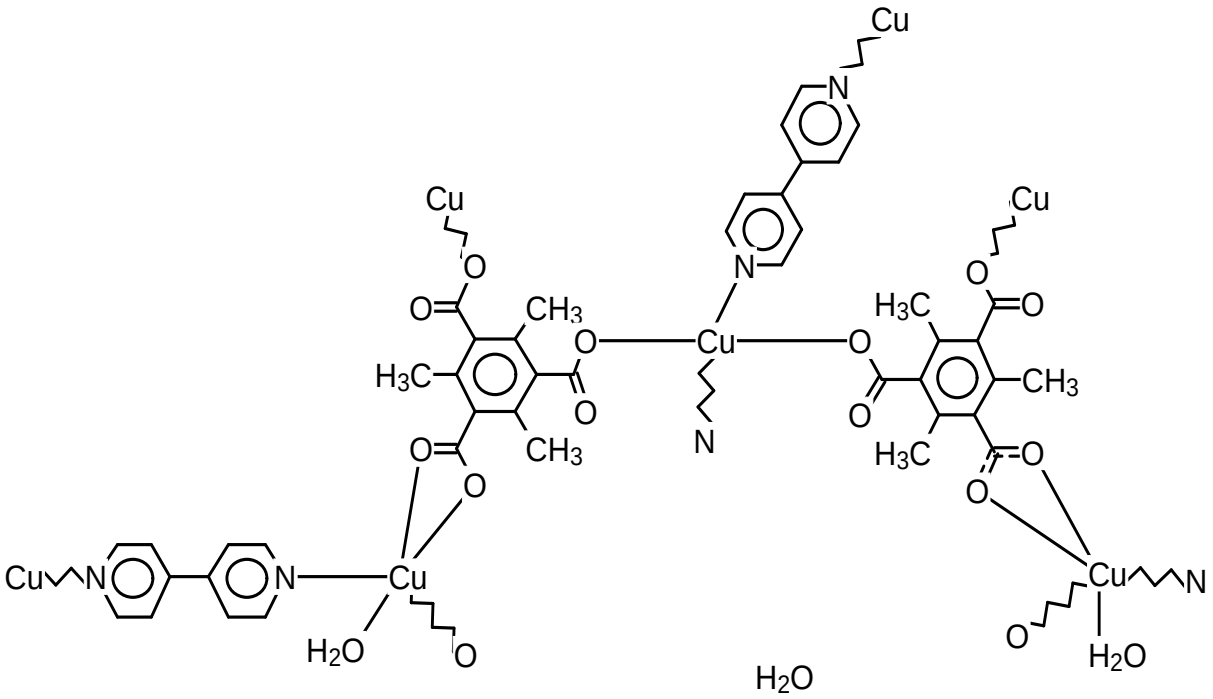
DOKHOB

Reference: Haiyan He, Fangna Dai, Aiping Xie, Xin Tong, Daofeng Sun (2008) *CrystEngComm ,***10,**1429

Formula: $(C_{44}\ H_{38}\ Cu_3\ N_4\ O_{14})n,n(H_2\ O_1)$

Compound Name: catena-(bis((μ3-2,4,6-Trimethylbenzene-1,3,5-tricarboxylato-O,O',O'', O''')-(μ2-4,4'-bipyridine)-(aqua))-tri-copper monohydrate)

Space Group:	P2/c	***Cell:***	***a***	18.802(1)	***b***	8.558(0)	***c***	16.054(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	99.47(0)	γ	90.00
R-Factor (%):	9.35	***Temperature(K):***	298		***Density(g/cm3):***		1.376	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 469

DOKHUH

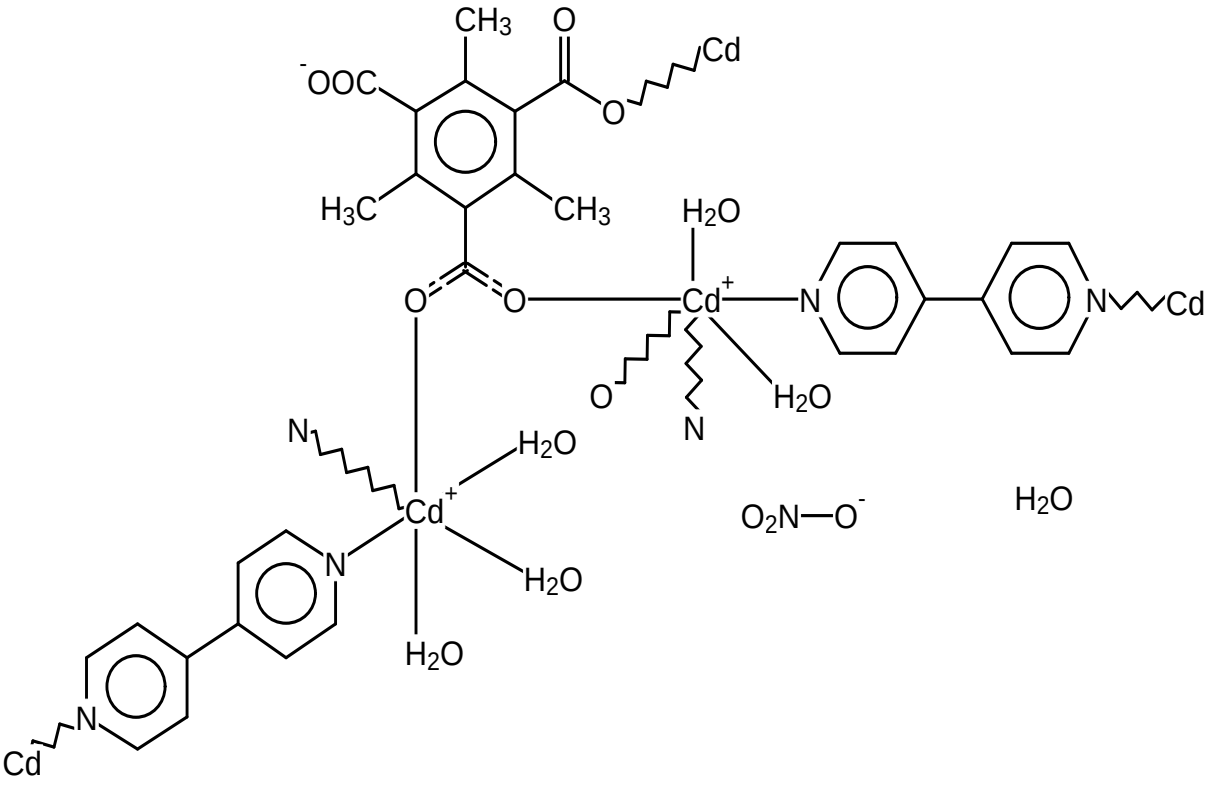
Reference: Haiyan He, Fangna Dai, Aiping Xie, Xin Tong, Daofeng Sun (2008) *CrystEngComm ,***10,**1429

Formula: $(C_{32}\ H_{35}\ Cd_2\ N_4\ O_{11}\ ^{1+})n,n(N_1\ O_3\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-((μ_3-2,4,6-Trimethylbenzene-1,3,5-tricarboxylato-O,O',O'')-bis(μ_2-4,4'-bipyridine)-penta-aqua-di-cadmium nitrate trihydrate)

Space Group:	Cc	***Cell:***	***a***	14.500(5)	***b***	18.577(5)	***c*** 15.394(5)
Space Group No.:	9	***(Å,°)***	α	90.00	β	103.97(3)	γ 90.00

R-Factor (%): 4.93 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.638



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 470

DOLCUD

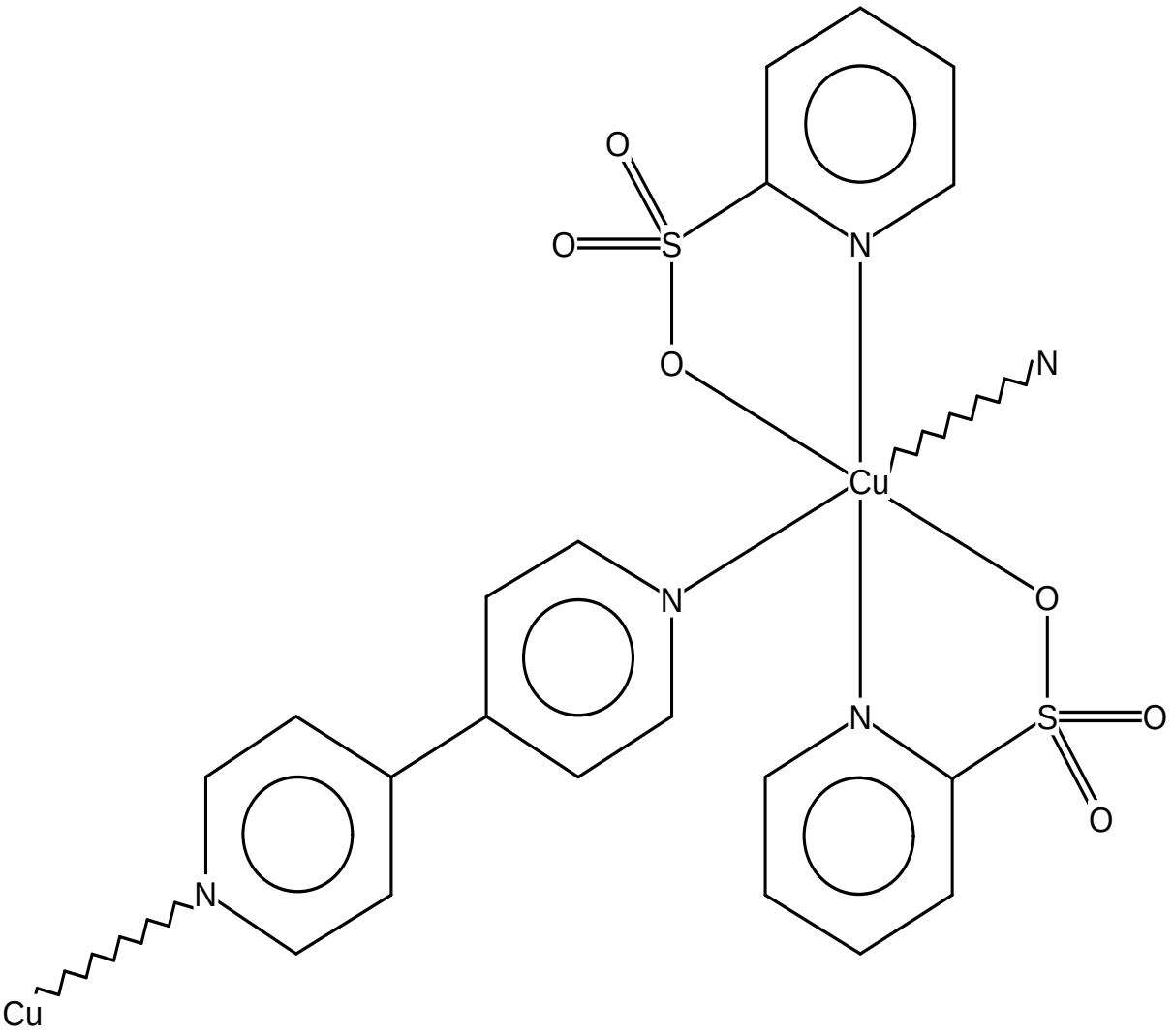
Reference: Sheng Hu, Kun-Huan He, Ming-Hua Zeng, Hua-Hong Zou, Yi-Min Jiang (2008) *Inorg.Chem. ,***47,**5218

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_6\ S_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(2-pyridinesulfonato-N,O)-copper(ii)]

Space Group:	P2/c	***Cell:***	***a***	10.873(3)	***b*** 11.153(3)	***c***	10.897(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.87(0)	γ	90.00

R-Factor (%): 4.73 ***Temperature(K):*** 393 ***Density(g/cm^3):*** 1.382



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 471

DOLDAK

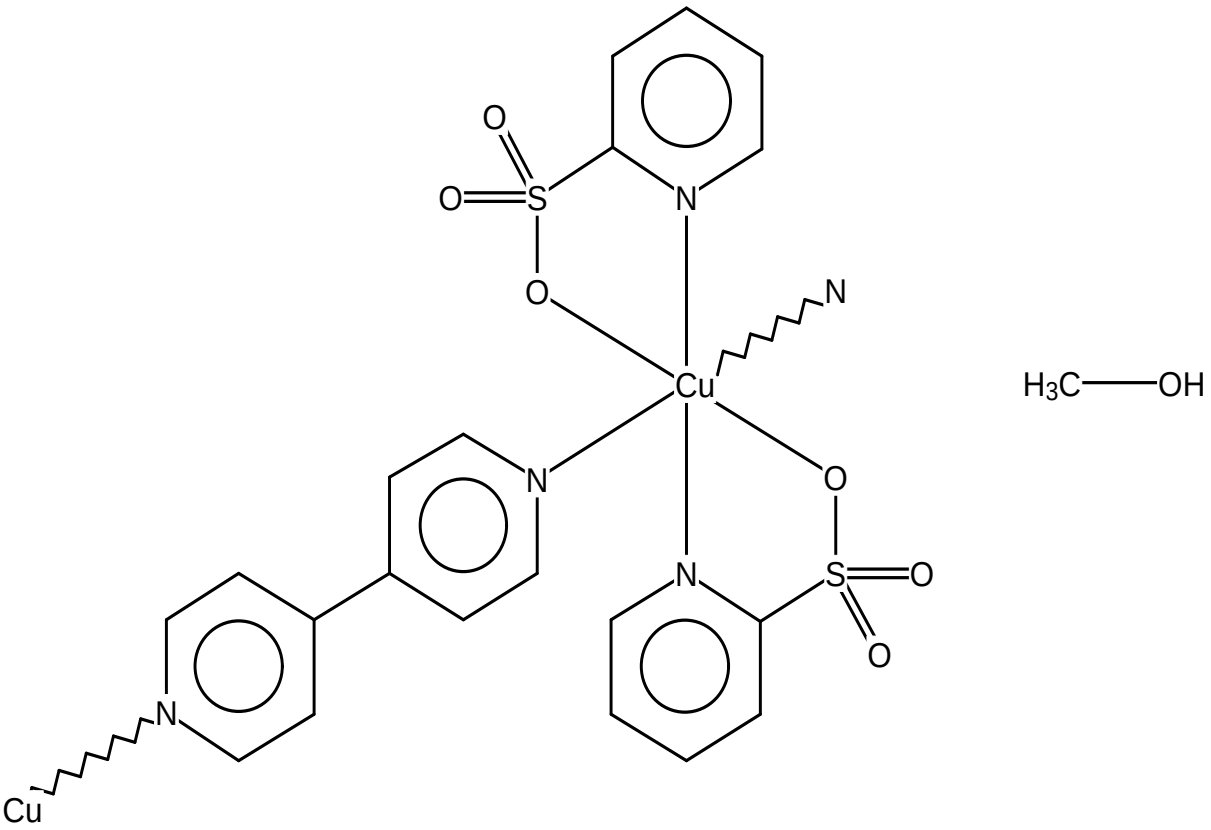
Reference: Sheng Hu, Kun-Huan He, Ming-Hua Zeng, Hua-Hong Zou, Yi-Min Jiang (2008) *Inorg.Chem. ,***47,**5218

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_6\ S_2)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(2-pyridinesulfonato-N,O)-copper(ii) methanol clathrate]

Space Group:	P2/c	***Cell:***	***a***	10.748(5)	***b*** 11.127(6)	***c***	10.840(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.40(0)	γ	90.00

R-Factor (%): 5.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.490



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 472

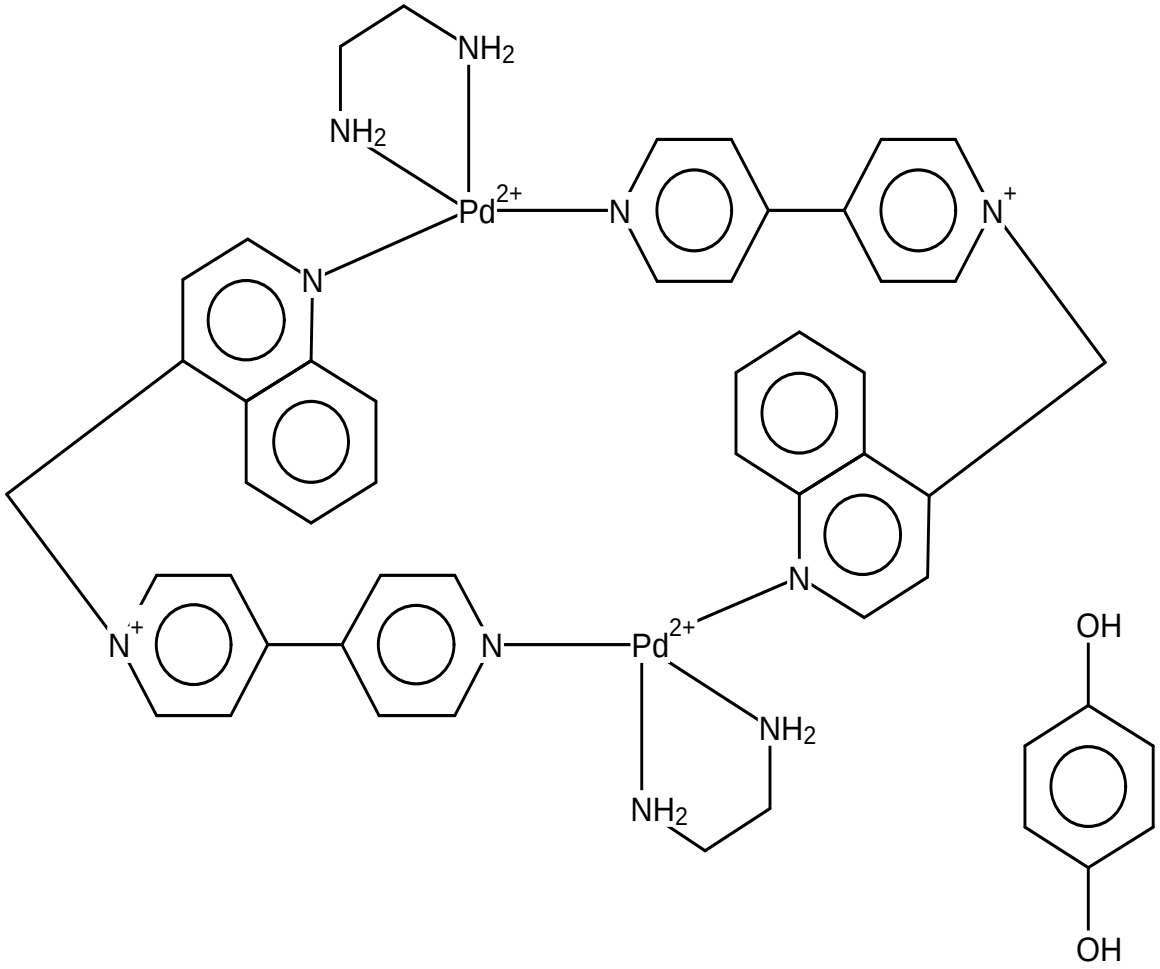
DOMBEN

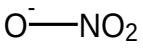
Reference: D.Abella, V.Blanco, E.Pia, M.Chas, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2008) *Chem.Commun. ,*2879

Formula: $C_{44}\ H_{48}\ N_{10}\ Pd_2\ ^{6+}$,$C_6\ H_6\ O_2$,6($N_1\ O_3\ ^{1-}$),10($H_2\ O_1$)

Compound Name: anti-bis(μ_2-1-(4-Quinolinylmethyl)-4,4'-bipyridin-1-ium-N,N')-bis(1,2-ethylenediamine)-di-palladium(ii) hydroquinone clathrate hexanitrate decahydrate

Space Group:	P-1	***Cell:***	***a***	8.684(5)	***b*** 13.421(5)	***c***	14.573(5)
Space Group No.:	2	***(Å,°)***	α	95.95(0)	β 101.27(0)	γ	106.98(0)
R-Factor (%):	4.06	***Temperature(K):***	100		***Density(g/cm^3):***		1.684





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 473

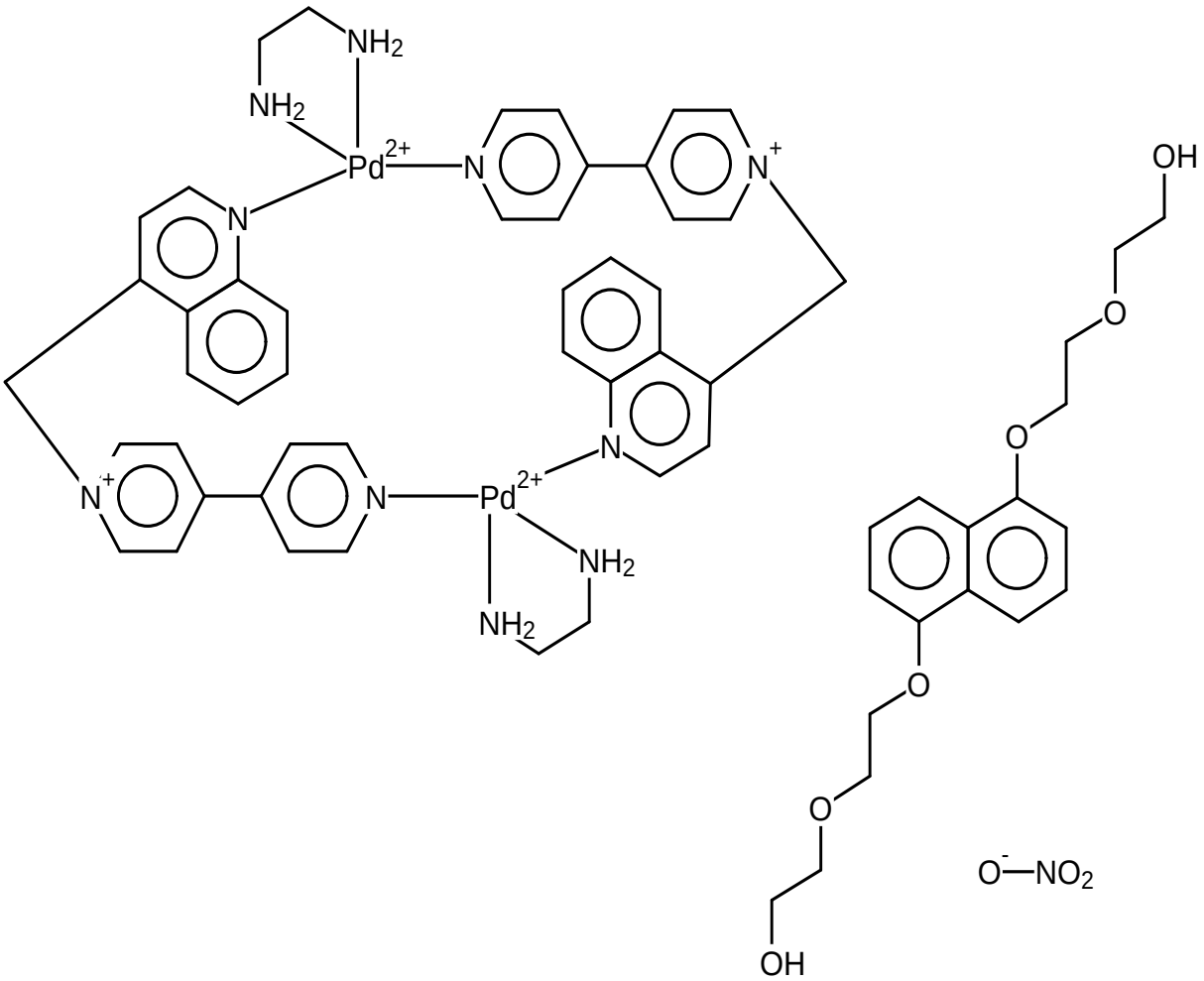
DOMBIR

Reference: D.Abella, V.Blanco, E.Pia, M.Chas, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2008) *Chem.Commun. ,*2879

Formula: $C_{44}\ H_{48}\ N_{10}\ Pd_2\ ^{6+}$,$C_{18}\ H_{24}\ O_6$,6($N_1\ O_3\ ^{1-}$)

Compound Name: anti-bis(μ_2-1-(4-Quinolinylmethyl)-4,4'-bipyridin-1-ium-N,N')-bis(1,2-ethylenediamine)-di-palladium(ii) 1,5-bis(2-(2-hydroxyethoxy)ethoxy) naphthalene clathrate hexanitrate

Space Group:	P-1	***Cell:***	***a*** 11.818(2)	***b*** 12.632(2)	***c*** 12.814(2)
Space Group No.:	2	***(Å,°)***	α 109.69(0)	β 97.74(0)	γ 99.53(0)
R-Factor (%):	6.26	***Temperature(K):***	100	***Density(g/cm^3):***	1.565



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 474

DOMDOZ

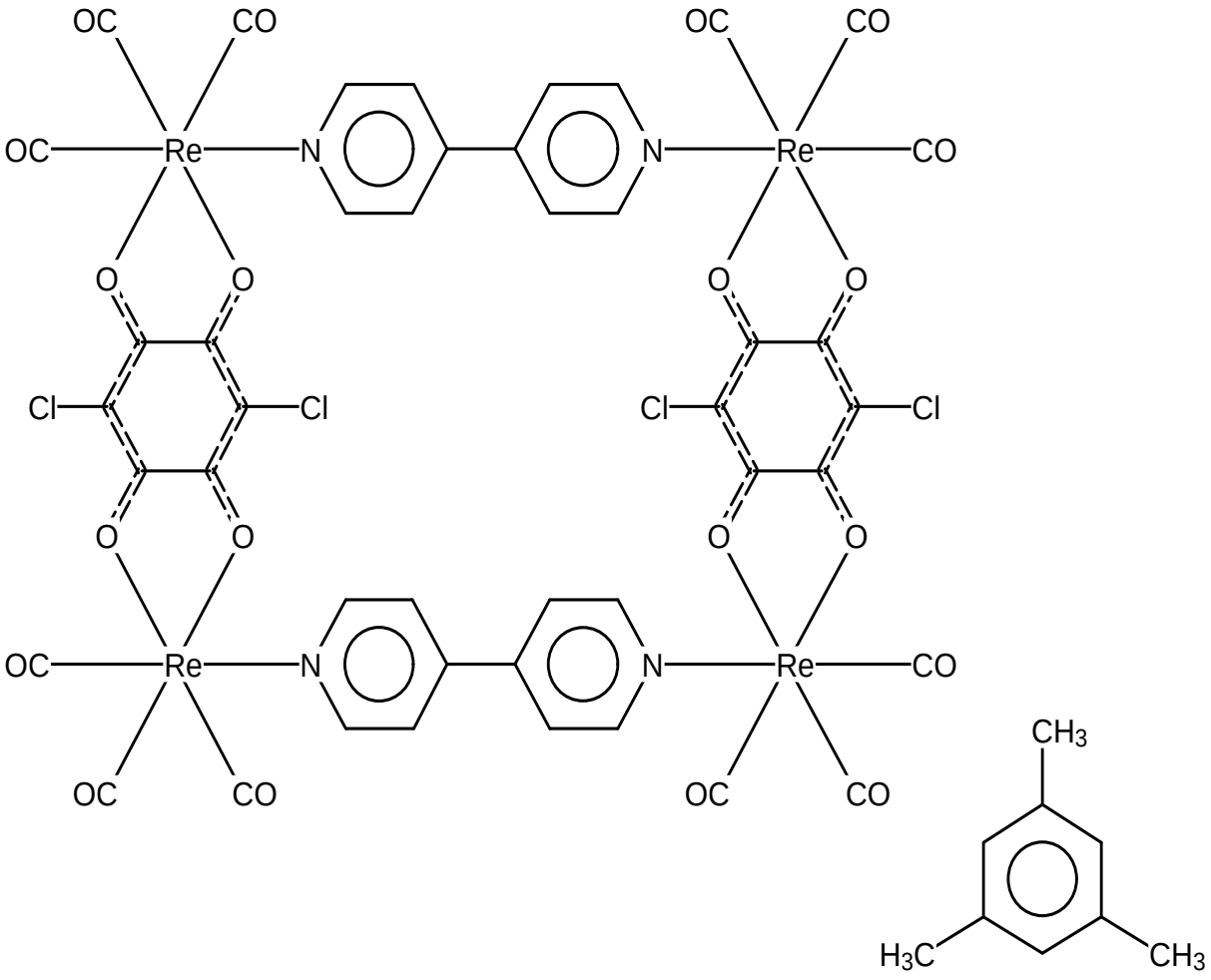
Reference: Rong-Tang Liao, Woei-Chyuan Yang, P.Thanasekaran, Chen-Chuan Tsai, M.Sathiyendiran, Yen-Hsiang Liu, T.Rajendran, Hsiu-Mei Lin, Tien-Wen Tseng, Kuang-Lieh Lu (2008) *Chem.Commun.* ,3175

Formula: $C_{44}\ H_{16}\ Cl_4\ N_4\ O_{20}\ Re_4, C_9\ H_{12}$

Compound Name: bis(μ_2-Chloranilato)-bis(μ_2-4,4'-bipyridine)-dodecacarbonyl-tetra-rhenium(i) mesitylene clathrate

Space Group:	P21/n	***Cell:***	***a***	11.020(0)	***b*** 18.442(0)	***c***	14.944(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.02(0)	γ	90.00

R-Factor (%): 6.30 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.172



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 475

DOMDUF

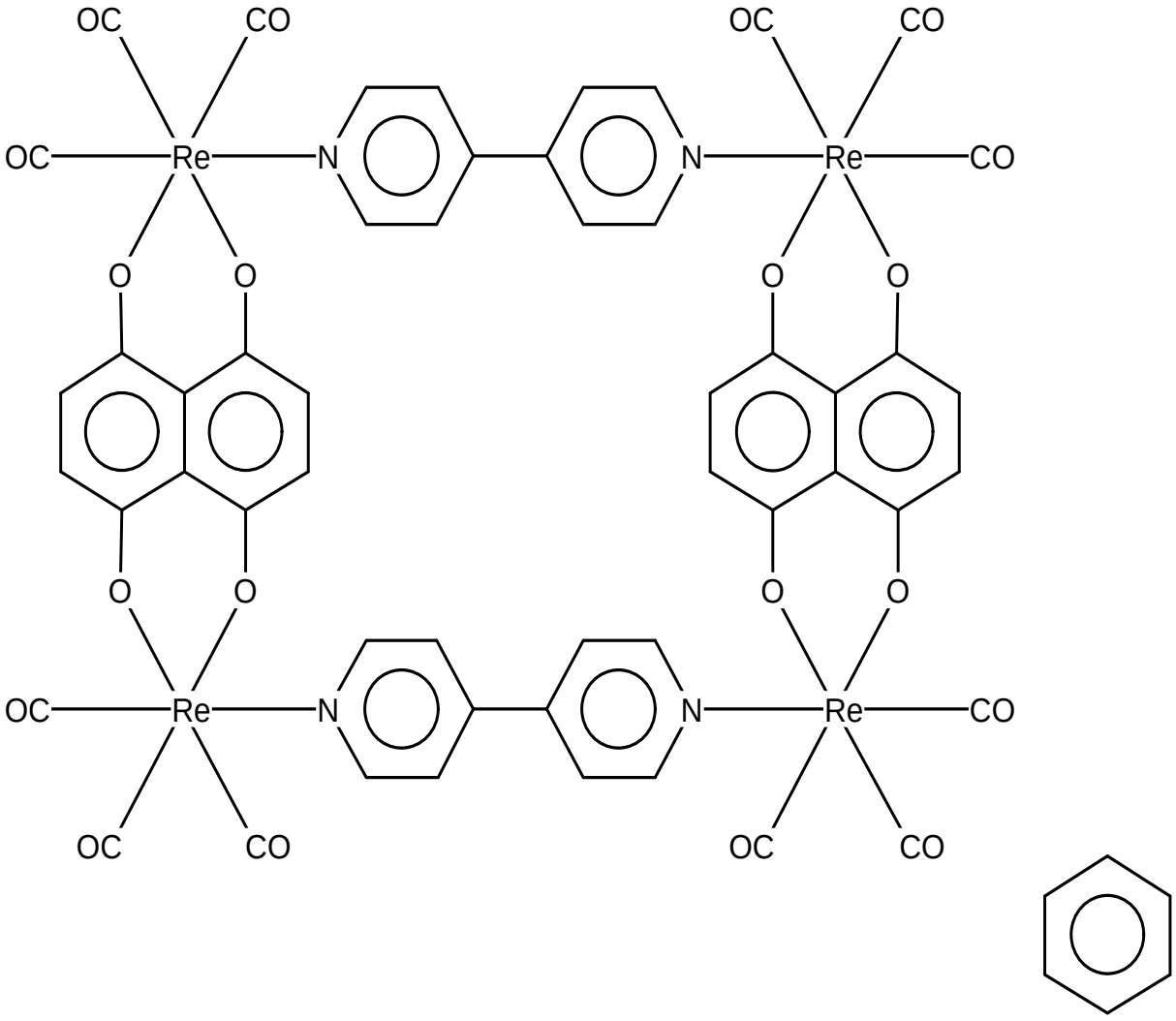
Reference: Rong-Tang Liao, Woei-Chyuan Yang, P.Thanasekaran, Chen-Chuan Tsai, M.Sathiyendiran, Yen-Hsiang Liu, T.Rajendran, Hsiu-Mei Lin, Tien-Wen Tseng, Kuang-Lieh Lu (2008) *Chem.Commun.* ,3175

Formula: $C_{52}\ H_{24}\ N_4\ O_{20}\ Re_4,2(C_6\ H_6)$

Compound Name: bis(μ_2-5,8-Dioxy-1,4-naphthoquinonato)-bis(μ_2-4,4'-bipyridine)-dodecacarbonyl-tetra-rhenium(i) benzene clathrate benzene solvate

Space Group:	Cmca	***Cell:***	***a***	12.277(3)	***b***	19.785(4)	***c***	26.044(5)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.18 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 2.022



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 476

DOMJEV

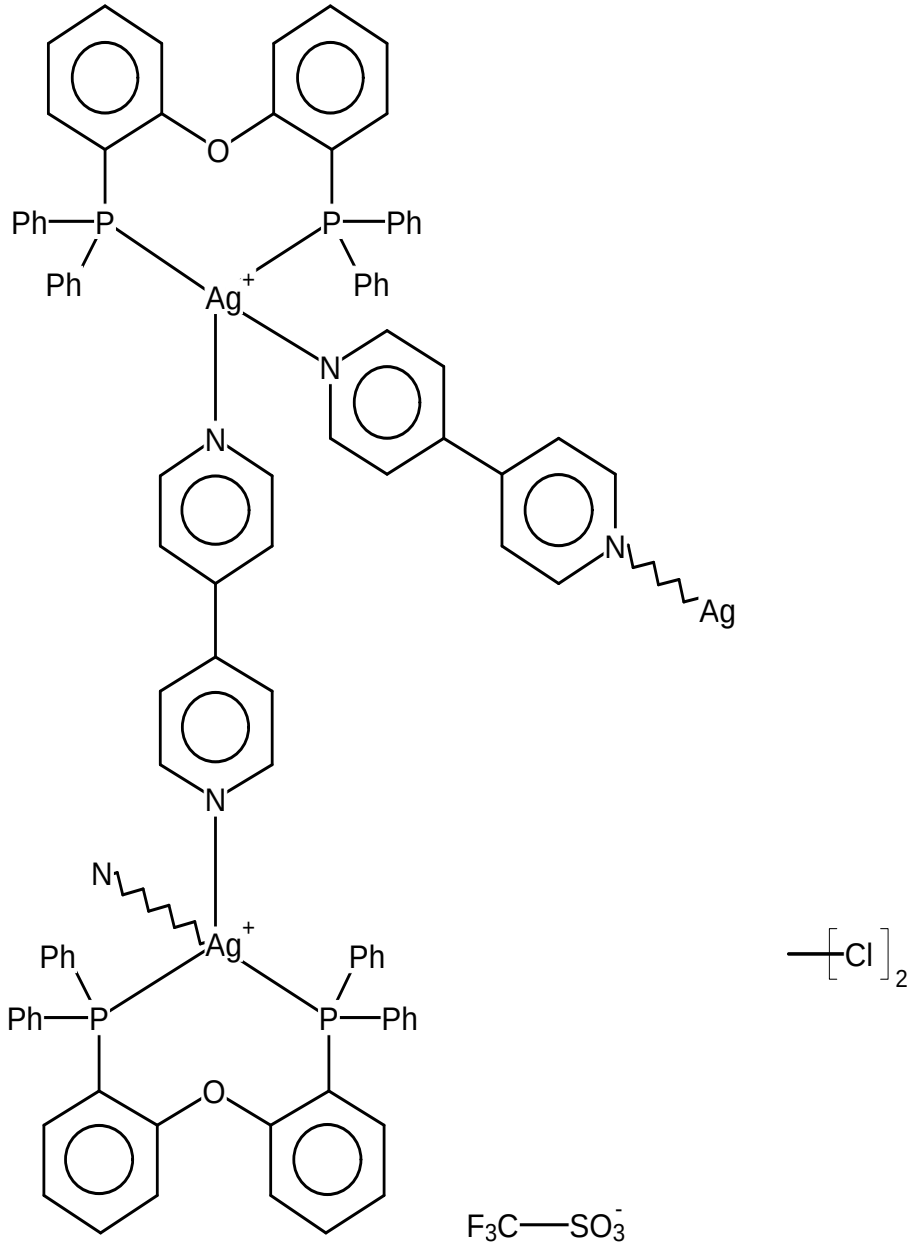
Reference: M.S.Balakrishna, R.Venkateswaran, S.M.Mobin (2009) *Inorg.Chim.Acta* ,**362,**271

Formula: $(C_{92}\ H_{72}\ Ag_2\ N_4\ O_2\ P_4\ ^{2+})n,2n(C_1\ F_3\ O_3\ S_1\ ^{1-}),3n(C_1\ H_2\ Cl_2)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(bis(2-(diphenylphosphino)phenyl) ether)-di-silver(i) bis(trifluoromethanesulfonate) dichloromethane solvate]

Space Group:	P-1	***Cell:***	***a***	9.778(1)	***b***	16.147(4)	***c*** 16.211(5)
Space Group No.:	2	***(Å,°)***	α	89.47(2)	β	103.86(1)	γ 105.41(1)

R-Factor (%): 5.19 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.498



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 477

DOQHOG

Reference: L.R.MacGillivray, H.A.Spinney, J.L.Reid, J.A.Ripmeester (2000) *Chem.Commun.* ,517

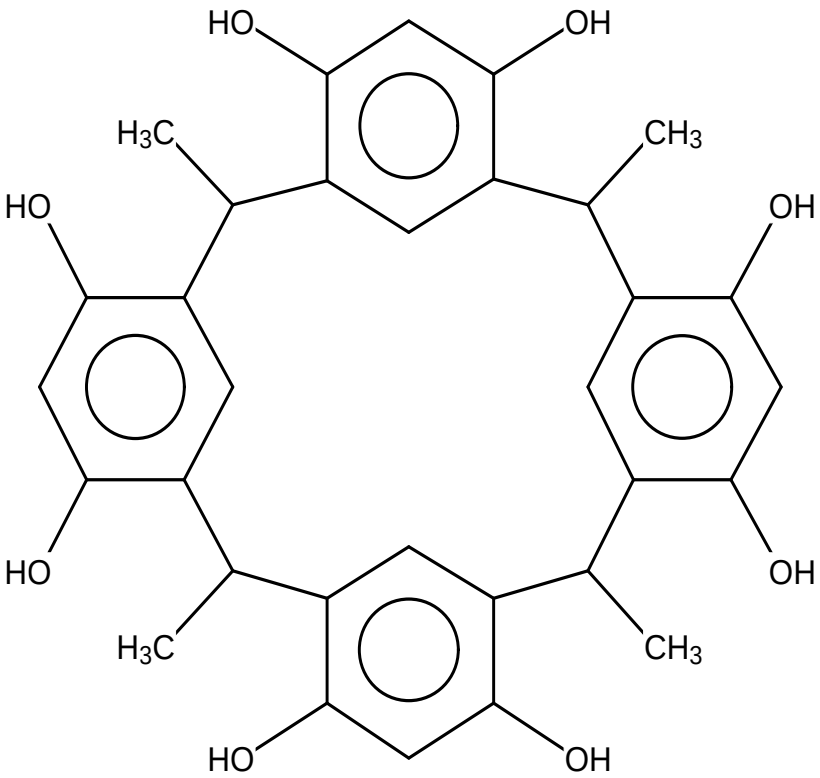
Formula: $C_{32}\ H_{32}\ O_8$,2($C_{10}\ H_8\ N_2$),$C_{10}\ H_{10}\ Fe_1$

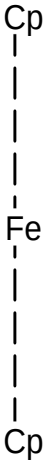
Compound Name: 2,8,14,20-Tetramethyl-4,6,10,12,16,18,22,24-octahydroxycalix(4)arene bis(4,4'-bipyridine) ferrocene clathrate

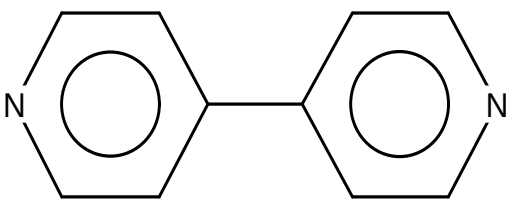
Synonym: C-Methylcalix(4)resorcinarene bis(4,4'-bipyridine) ferrocene clathrate

Space Group:	P21/m	***Cell:***	***a***	9.730(1)	***b***	25.440(3)	***c*** 10.825(1)
Space Group No.:	11	***(Å,°)***	α	90.00	β	110.71(0)	γ 90.00

R-Factor (%): 9.00 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.382







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 478

DOQHUM

Reference: L.R.MacGillivray, H.A.Spinney, J.L.Reid, J.A.Ripmeester (2000) *Chem.Commun.* ,517

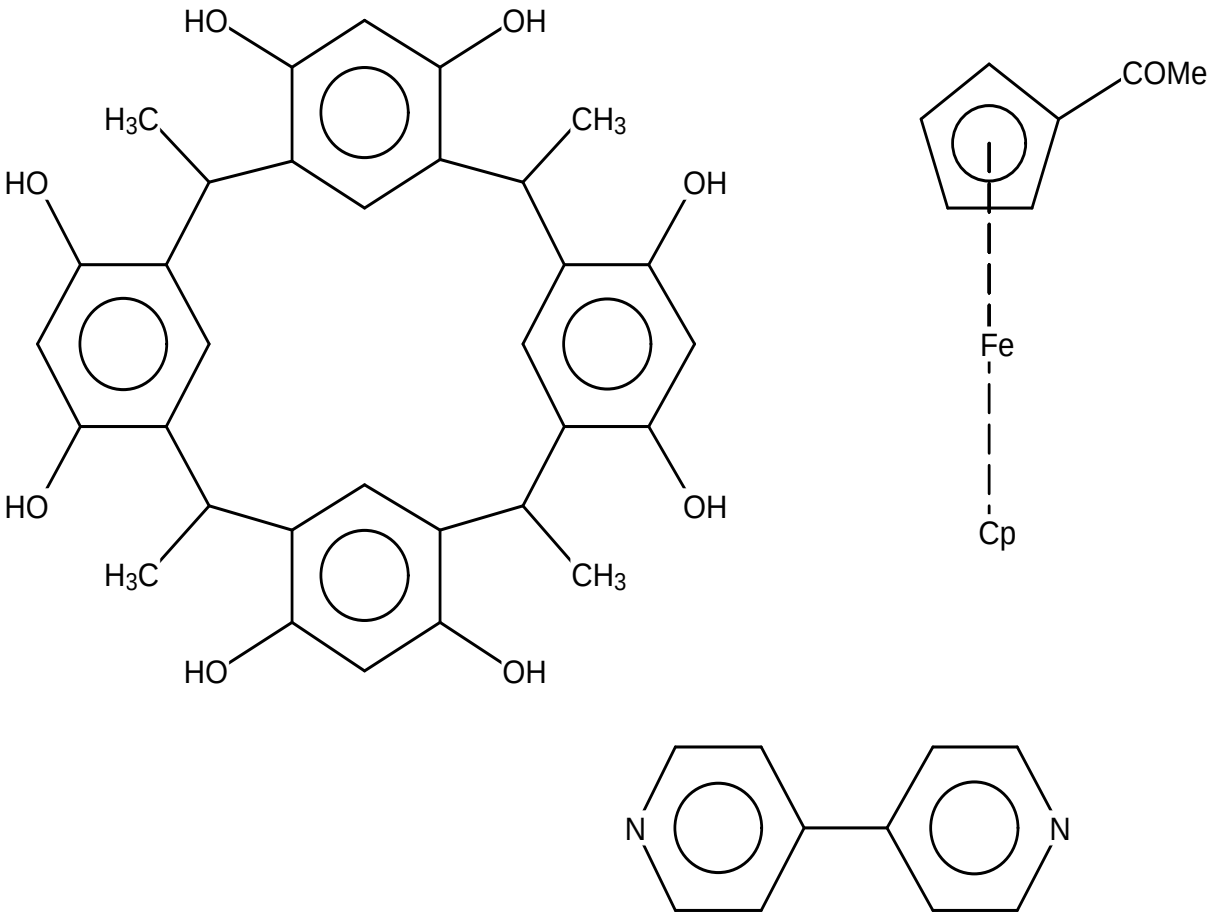
Formula: $C_{32}\ H_{32}\ O_8$,2($C_{10}\ H_8\ N_2$),$C_{12}\ H_{12}\ Fe_1\ O_1$

Compound Name: 2,8,14,20-Tetramethyl-4,6,10,12,16,18,22,24-octahydroxycalix(4)arene bis(4,4'-bipyridine) 1-acetylferrocene clathrate

Synonym: C-Methylcalix(4)resorcinarene bis(4,4'-bipyridine) 1-acetylferrocene clathrate

Space Group:	P21/n	***Cell:***	***a***	18.477(0)	***b***	11.742(0)	***c*** 26.086(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	107.79(0)	γ 90.00

R-Factor (%): 3.38 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.337



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 479

DOQJAU

Reference: L.R.MacGillivray, H.A.Spinney, J.L.Reid, J.A.Ripmeester (2000) *Chem.Commun.* ,517

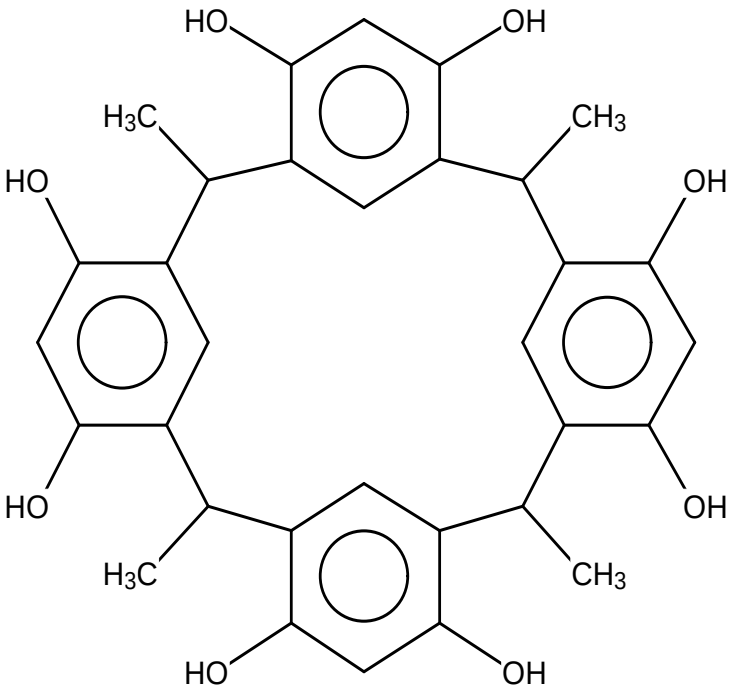
Formula: $C_{32}\ H_{32}\ O_8$,2($C_{10}\ H_8\ N_2$),$C_{14}\ H_{14}\ Fe_1\ O_2$

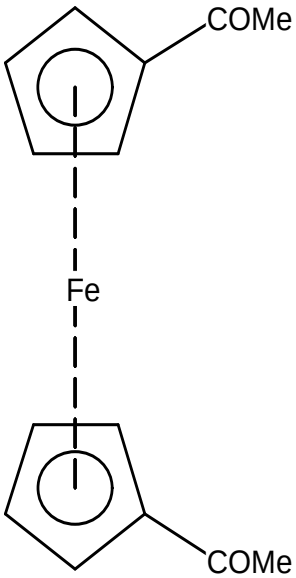
Compound Name: 2,8,14,20-Tetramethyl-4,6,10,12,16,18,22,24-octahydroxycalix(4)arene bis(4,4'-bipyridine) 1,1'-diacetylferrocene clathrate

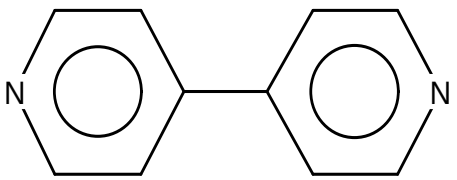
Synonym: C-Methylcalix(4)resorcinarene bis(4,4'-bipyridine) 1,1'-diacetylferrocene clathrate

Space Group:	P21/n	***Cell:***	***a***	18.808(0)	***b***	11.948(0)	***c*** 25.595(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	108.31(0)	γ 90.00

R-Factor (%): 4.43 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.371







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 480

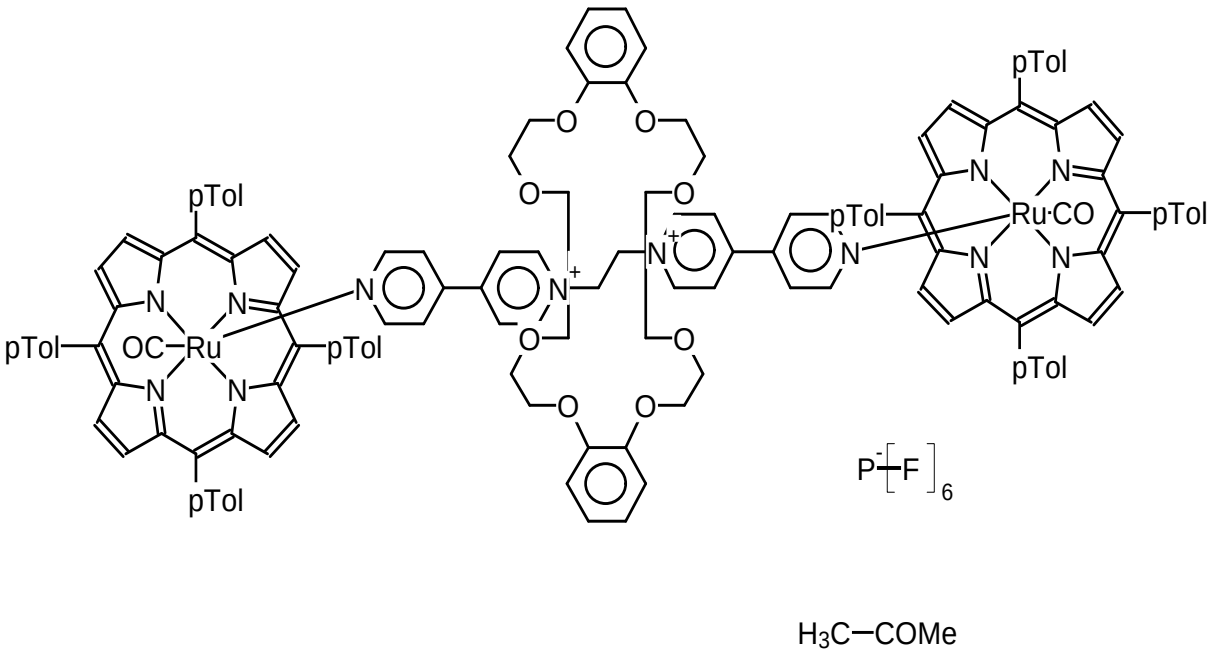
DOQPII

Reference: K.Chichak, M.C.Walsh, N.R.Branda (2000)
Chem.Commun. ,847

Formula: $C_{120}\ H_{92}\ N_{12}\ O_2\ Ru_2\ ^{2+}, C_{24}\ H_{32}\ O_8, 2(F_6\ P_1\ ^{1-}), 7.5(C_3\ H_6\ O_1)$

Compound Name: (2)-(Dibenzo-24-crown-8)-((μ_2-1,2-bis(4,4'-bipyridinio)ethane)-bis(carbonyl-(5,10,15,20-tetra-p-tolylporphyrin)-ruthenium))-rotaxane bis(hexafluorophosphate) acetone solvate

Space Group:	P21/n	***Cell:***	***a***	11.655(2)	***b*** 30.385(5)	***c***	24.340(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.75(0)	γ	90.00
R-Factor (%):	8.77	***Temperature(K):***	193		***Density(g/cm^3):***		1.234



$H_3C{-}COMe$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 481

DOQROQ

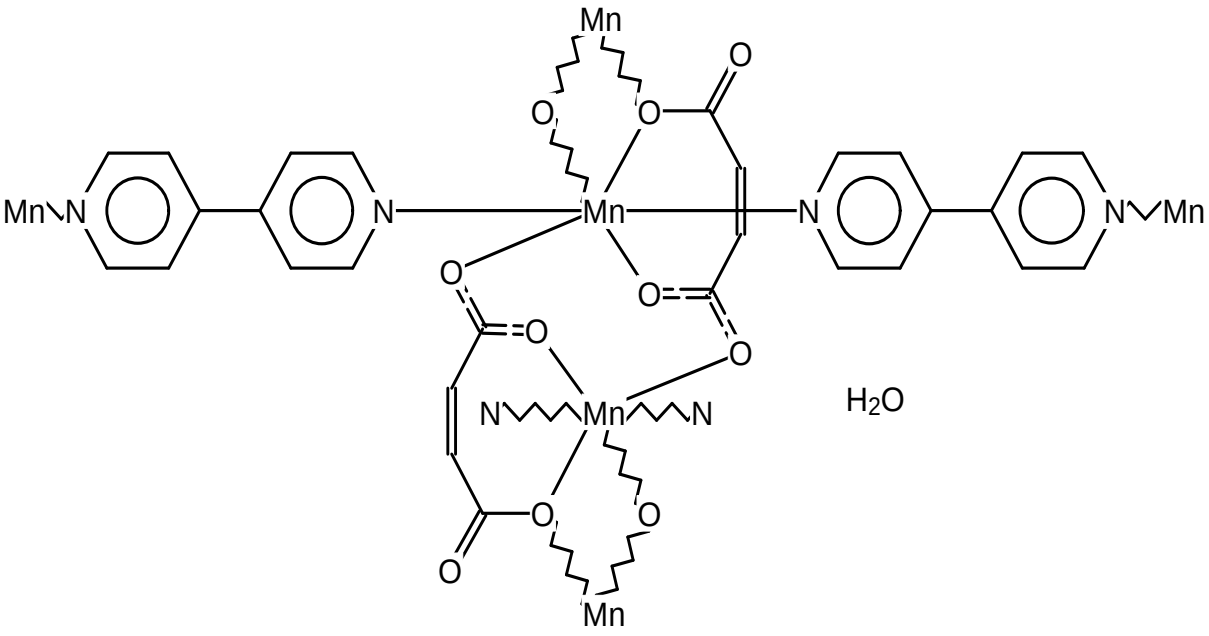
Reference: Zhan Shi, Lirong Zhang, Shan Gao, Guoyu Yang, Jia Hua, Lu Gao, Shouhua Feng (2000) *Inorg.Chem. ,***39,**1990

Formula: $(C_{28}\ H_{20}\ Mn_2\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Maleato-O,O,O',O'')-bis(μ_2-4,4'-bipyridyl)-di-manganese(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.706(6)	***b***	9.509(6)	***c*** 10.236(11)
Space Group No.:	2	***(Å,°)***	α	97.58(4)	β	106.08(4)	γ 108.94(1)

R-Factor (%): 4.54 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.679



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 482

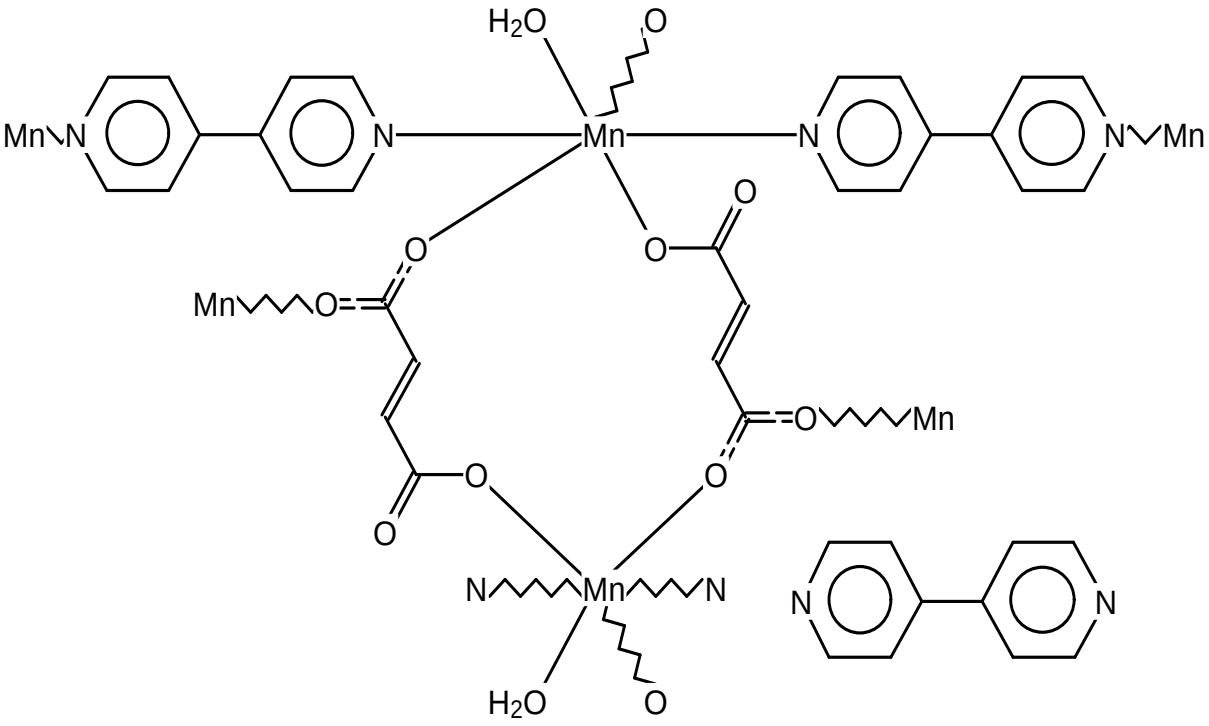
DOQRUW

Reference: Zhan Shi, Lirong Zhang, Shan Gao, Guoyu Yang, Jia Hua, Lu Gao, Shouhua Feng (2000) *Inorg.Chem. ,***39,**1990

Formula: $(C_{28}\ H_{24}\ Mn_2\ N_4\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((μ3-Fumarato-O,O',O'')-(μ2-4,4'-bipyridyl)-aqua-manganese(ii)) 4,4-bipyridine solvate)

Space Group:	P21/c	***Cell:***	***a***	11.661(1)	***b***	8.648(1)	***c*** 18.493(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	102.04(0)	γ 90.00
R-Factor (%):	3.76	***Temperature(K):***	295		***Density(g/cm3):***		1.534



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 483

DORYEO

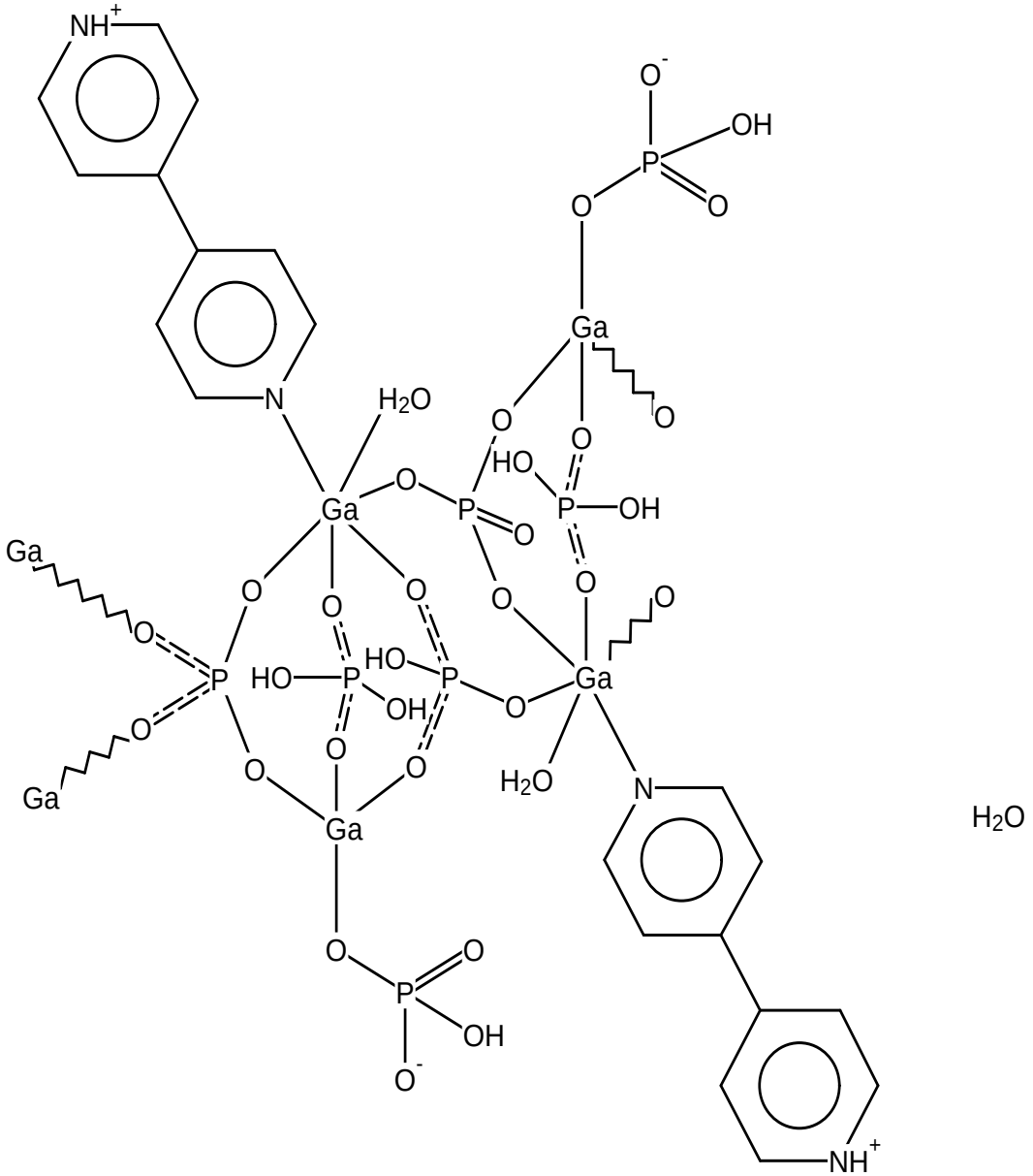
Reference: Ching-Yeh Chen, Fang-Rey Lo, Hsien-Ming Kao, Kwang-Hwa Lii (2000) *Chem.Commun.* ,1061

Formula: $(C_{20}\ H_{29}\ Ga_4\ N_4\ O_{30}\ P_7)n,n(H_2\ O_1)$

Compound Name: catena-($(\mu_4$-Phosphate-O,O',O'',O''')-$(\mu_3$-hydrogen phosphate-O,O',O'')-$(\mu_3$-phosphate-O,O',O'')bis(μ_2-dihydrogen phosphate-O,O')-diaqua-bis(4-(4-bipyridinium)pyridyl-N)-bis(hydrogen phosphate-O)-tetra-gallium monohydrate)

Space Group:	C2/c	***Cell:***	***a***	26.416(0)	***b***	8.042(0)	***c***	20.352(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	111.19(0)	γ	90.00

R-Factor (%): 4.29 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.174



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 484

DOSSEK

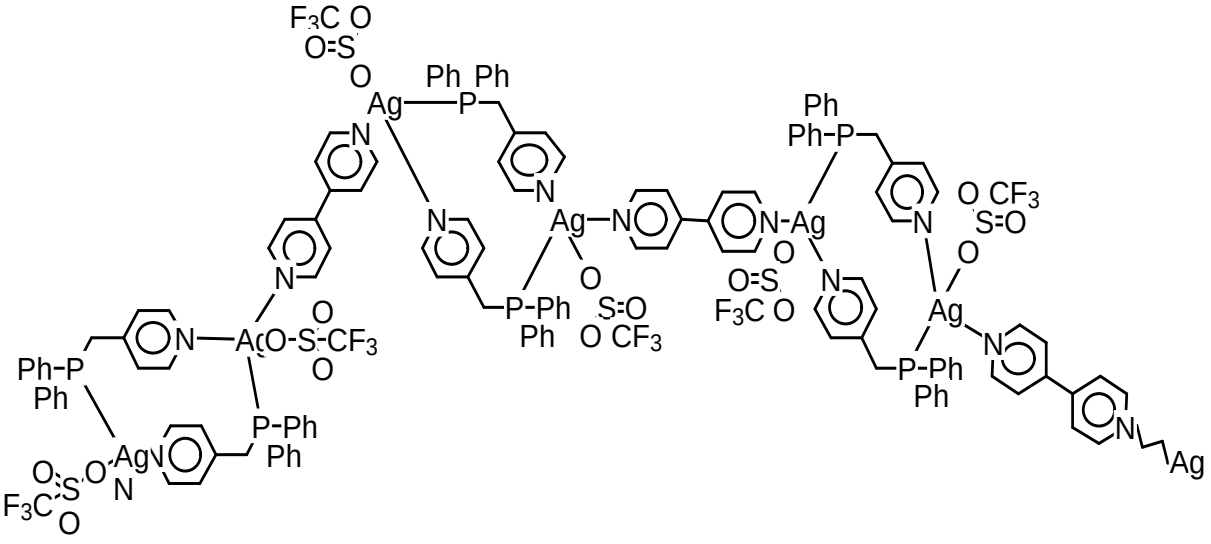
Reference: F.Hung-Low, K.K.Klausmeyer, J.B.Gary (2009) *Inorg.Chim.Acta* ,**362,**426

Formula: $(C_{144}\ H_{120}\ Ag_6\ F_{18}\ N_{12}\ O_{18}\ P_6\ S_6)n$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N')-hexakis(μ_2-4-(diphenylphosphinomethyl)pyridine-N,P)-hexakis(trifluoromethanesulfonato-O)-hexa-silver(i))

Space Group:	P-1	***Cell:***	***a***	10.791(0)	***b***	15.314(0)	***c***	24.501(1)
Space Group No.:	2	***(Å,°)***	α	74.21(0)	β	89.71(0)	γ	75.78(0)

R-Factor (%): 3.67 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.619



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 485

DOSYAM

Reference: Han Dong Yin, Jun Zhai (2009) *Inorg.Chim.Acta* ,**362,**339

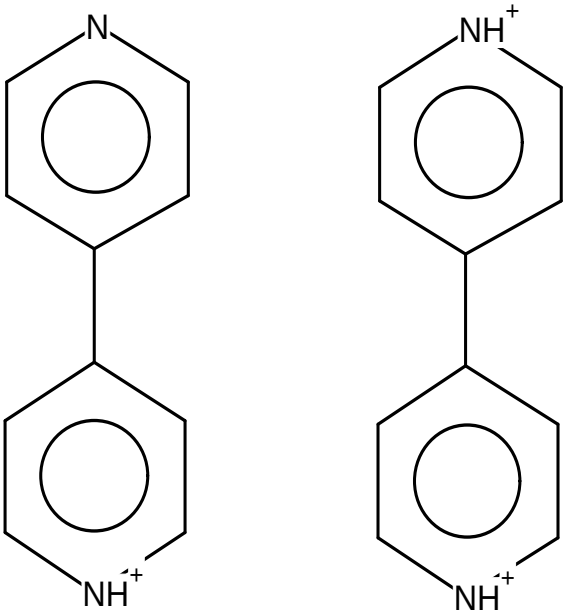
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_{10}\,H_9\,N_2\,^{1+}$,$Br_6\,Sb_1\,^{3-}$

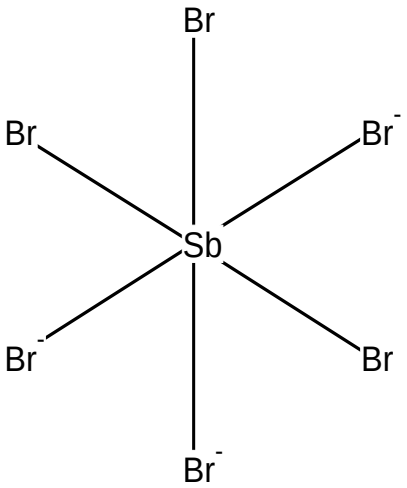
Compound Name: dihydrogen-4,4'-bipyridine hydrogen-4,4'-bipyridine hexabromo-antimony(iii)

Synonym: (4,4-bipyridinedi-ium) 4,4-bipyridinium hexabromo-antimony(iii)

Space Group:	P21/c	***Cell:***	***a***	9.651(2)	***b***	14.205(3)	***c***	20.185(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.02(3)	γ	90.00

R-Factor (%): 12.43 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.222





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 486

DOTSUB

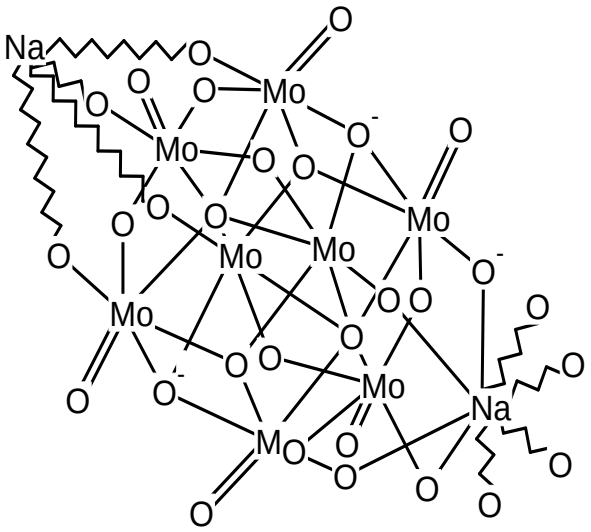
Reference: H.Kobayashi, K.Ikarashi, K.Uematsu, K.Toda, H.Okawa, Z.Taoyun, M.Sato (2009) *Inorg.Chim.Acta* ,**362,**238

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(H_3\ O_1\ ^{1+}),n(Mo_8\ Na_1\ O_{26}\ ^{3-}),4n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

Compound Name: catena-[4,4'-Bipyridinium hydronium tetrakis(4,4'-bipyridine) bis(μ_5-oxo)-tetrakis(μ_3-oxo)-tetradecakis(μ_2-oxo)-hexaoxo-octa-molybdenum-sodium dihydrate]

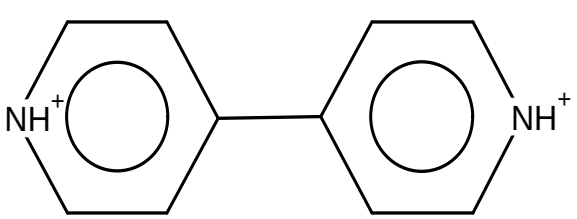
Space Group:	C2/c	***Cell:***	***a***	23.169(4)	***b*** 18.708(5)	***c***	18.754(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 126.82(0)	γ	90.00

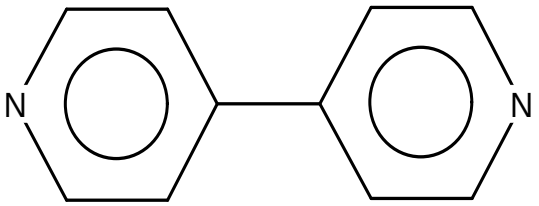
R-Factor (%): 4.63 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 2.105











This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 487

DOXQEN

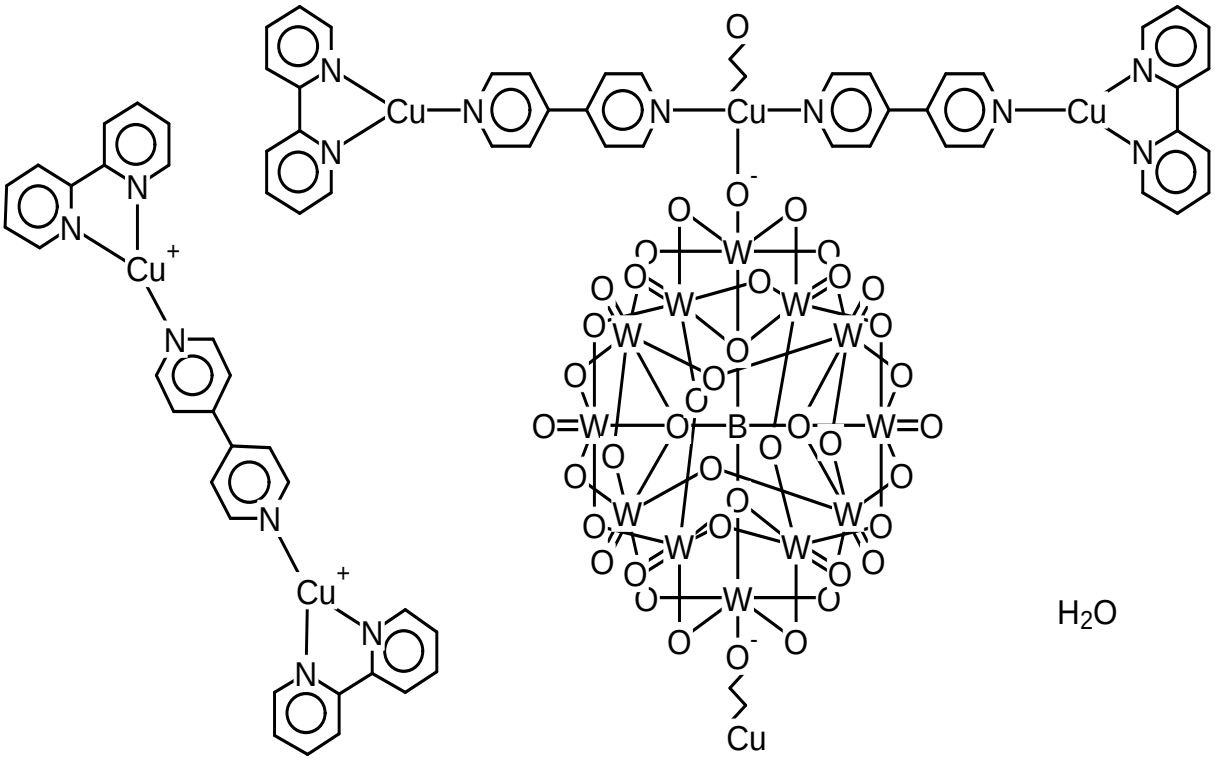
Reference: Yan Ding, Hongli Chen, Weilin Chen, Enbo Wang, Jingxin Meng (2009) *Transition Met.Chem. ,***34,**281

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,n(C_{40}\ H_{32}\ B_1\ Cu_3\ N_8\ O_{40}\ W_{12}\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(2,2'-bipyridine-N,N')-di-copper(i) (μ_{12}-borato)-bis(μ_2-4,4'-bipyridine-N,N')-hexacosakis(μ_2-oxo)-bis(2,2'-bipyridine-N,N')-deca-oxo-tri-copper(i)-dodeca-tungsten monohydrate]

Space Group:	P-1	***Cell:***	***a***	13.671(3)	***b***	13.975(3)	***c***	14.413(3)
Space Group No.:	2	***(Å,°)***	α	63.85(3)	β	87.23(3)	γ	65.53(3)

R-Factor (%): 6.68 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 3.207



Search: search1 (Thu May 26 10:05:42 2011): Hit 488

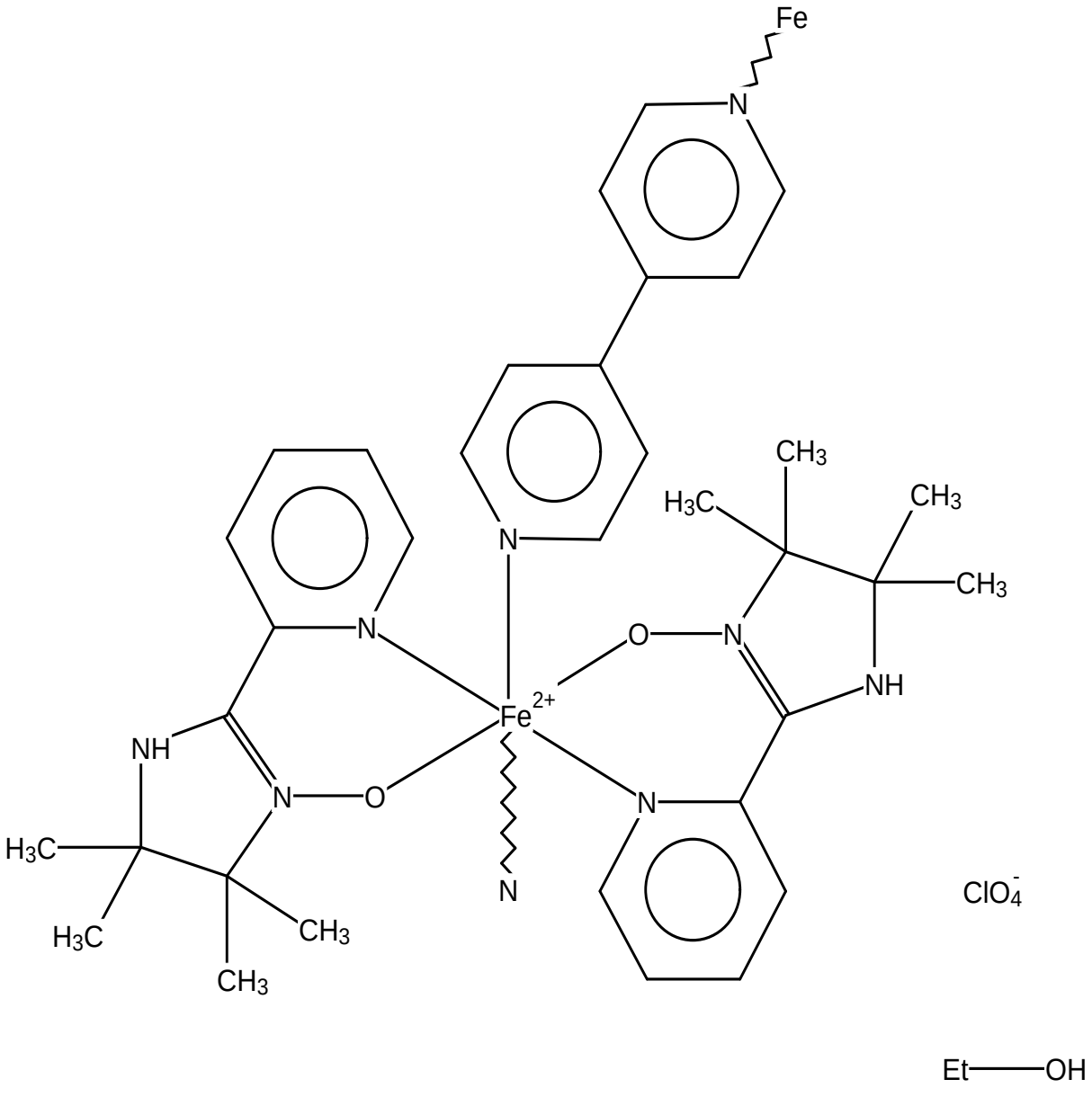
DOZSAN

Reference: Xiao-Ling Wang, Pei-Pei Yang, Zong-Wei Li, Li-Cun Li, Dai-Zheng Liao (2009) *Inorg.Chim.Acta* ,**362,**1901

Formula: $(C_{34}\ H_{42}\ Fe_1\ N_8\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),3n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(1-oxy-2-(2'-pyridyl)-4,4,5,5-tetramethyl-4,5-dihydro-1H-imidazole)-iron(ii) diperchlorate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	27.614(6)	***b***	11.545(1)	***c*** 18.163(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	126.05(0)	γ 90.00
R-Factor (%):	7.75	***Temperature(K):***	293	***Density(g/cm^3):***	1.401		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 489

DUBJEQ

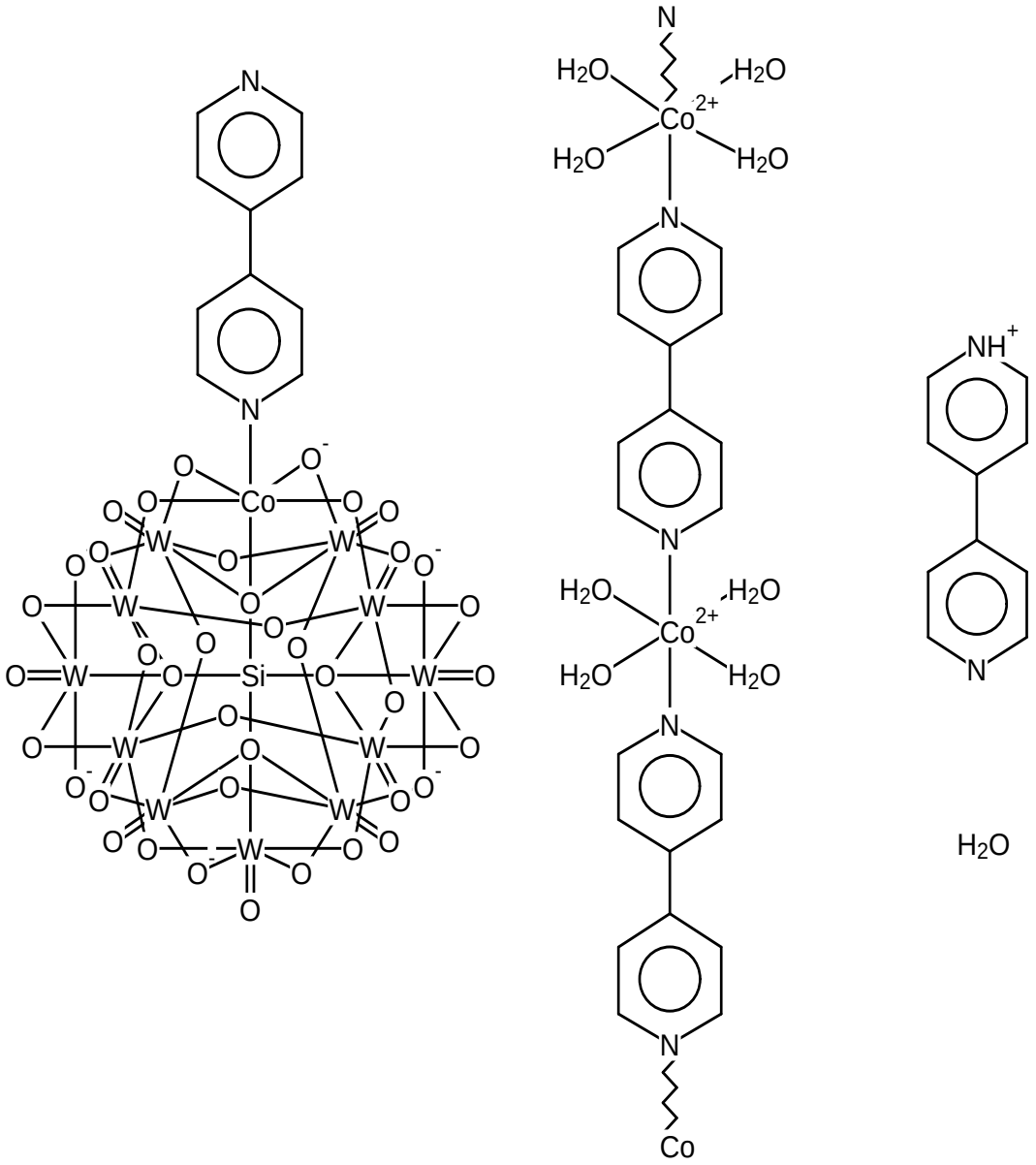
Reference: Hongsheng Liu, C.J.Gomez-Garcia, Jun Peng, Jingquan Sha, Lixia Wang, Yechao Yan (2009) *Inorg.Chim.Acta ,***362,** 1957

Formula: $(C_{20}\ H_{32}\ Co_2\ N_4\ O_8\ ^{4+})n,2n(C_{10}\ H_9\ N_2\ ^{1+}),n(C_{10}\ H_8\ Co_1\ N_2\ O_{39}\ Si_1\ W_{11}\ ^{6-}),5n(H_2\ O_1$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-octaaqua-di-cobalt(ii) bis(4,4'-bipyridium) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-(4,4'-bipyridyl)-undecaoxo-cobalt-undeca-tungsten pentahydrate]

Space Group:	Iba2	***Cell:***	***a***	26.081(3)	***b***	30.965(4)	***c***	22.589(3)
Space Group No.:	45	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.817



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 490

DUCDUB

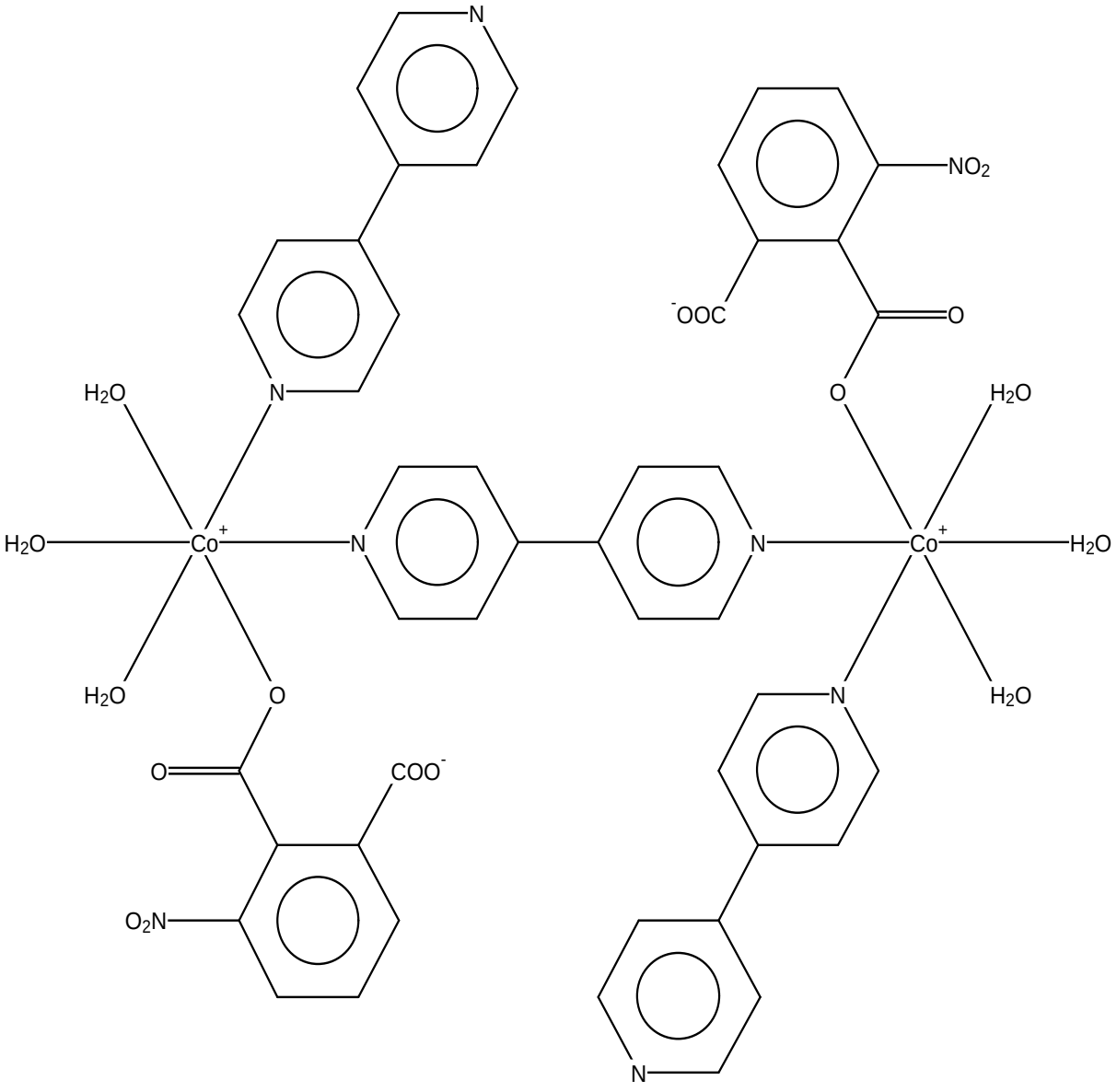
Reference: Hong-Xu Guo, Zhong-Liang Yao, Wen Weng, Xi-Zhong Li (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***65,**m992

Formula: $C_{46}\ H_{42}\ Co_2\ N_8\ O_{18}$

Compound Name: (μ_2-4,4'-bipyridine-κN^1:$\kappa N^{1'}$)-hexa-aqua-(bis(4,4'-bipyridine-κN^1))-bis(3-nitrophthalato-κO^2)-di-cobalt(ii)

Space Group:	P21/c	***Cell:***	***a***	15.672(3)	***b*** 9.428(1)	***c***	16.063(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.92(3)	γ	90.00

R-Factor (%): 5.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 491

DUDPAU

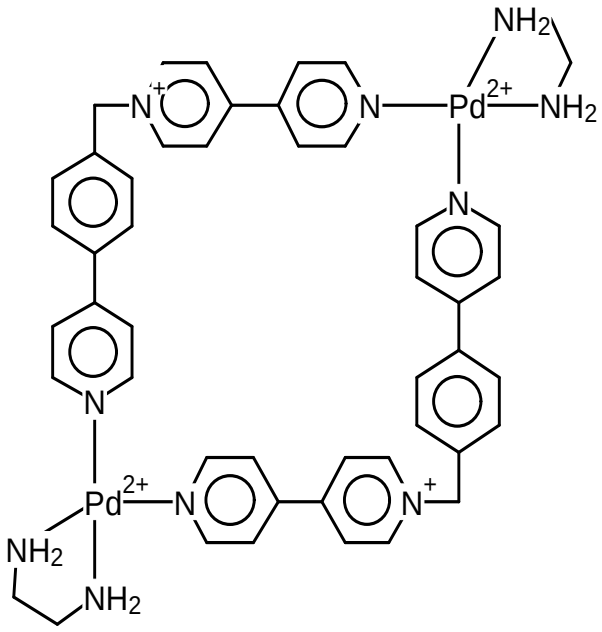
Reference: V.Blanco, D.Abella, E.Pia, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2009) *Inorg.Chem. ,***48,**4098

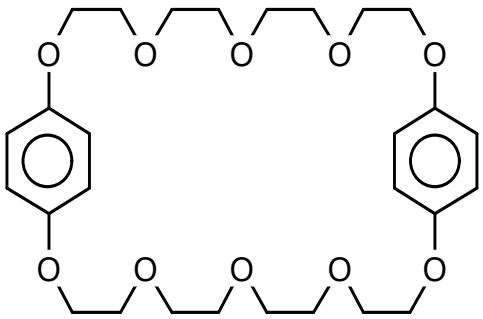
Formula: $2(C_{28}\ H_{40}\ O_{10}),C_{48}\ H_{52}\ N_{10}\ Pd_2\ ^{6+},6(C_1\ F_3\ O_3\ S_1\ ^{1-}),4(C_2\ H_3\ N_1)$

Compound Name: (3)-(bis(μ_2-1-(4-(4-Pyridyl)benzyl)-4,4'-bipyridin-1-ium-N,N')-bis(ethylenediamine-N,N')-di-palladium bis(2,5,8,11,14,16,19,22,25,28-decaoxa-1,15(1,4)-dibenzenacyclo-octacosaphane)) catenane hexakis(trifluoromethanesulfonate) acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	15.496(3)	***b***	20.953(4)	***c***	20.969(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.94(0)	γ	90.00

R-Factor (%): 6.24 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.527





$F_3C{-}SO_3^-$

$H_3C{-}CN$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 492

DUDZOR

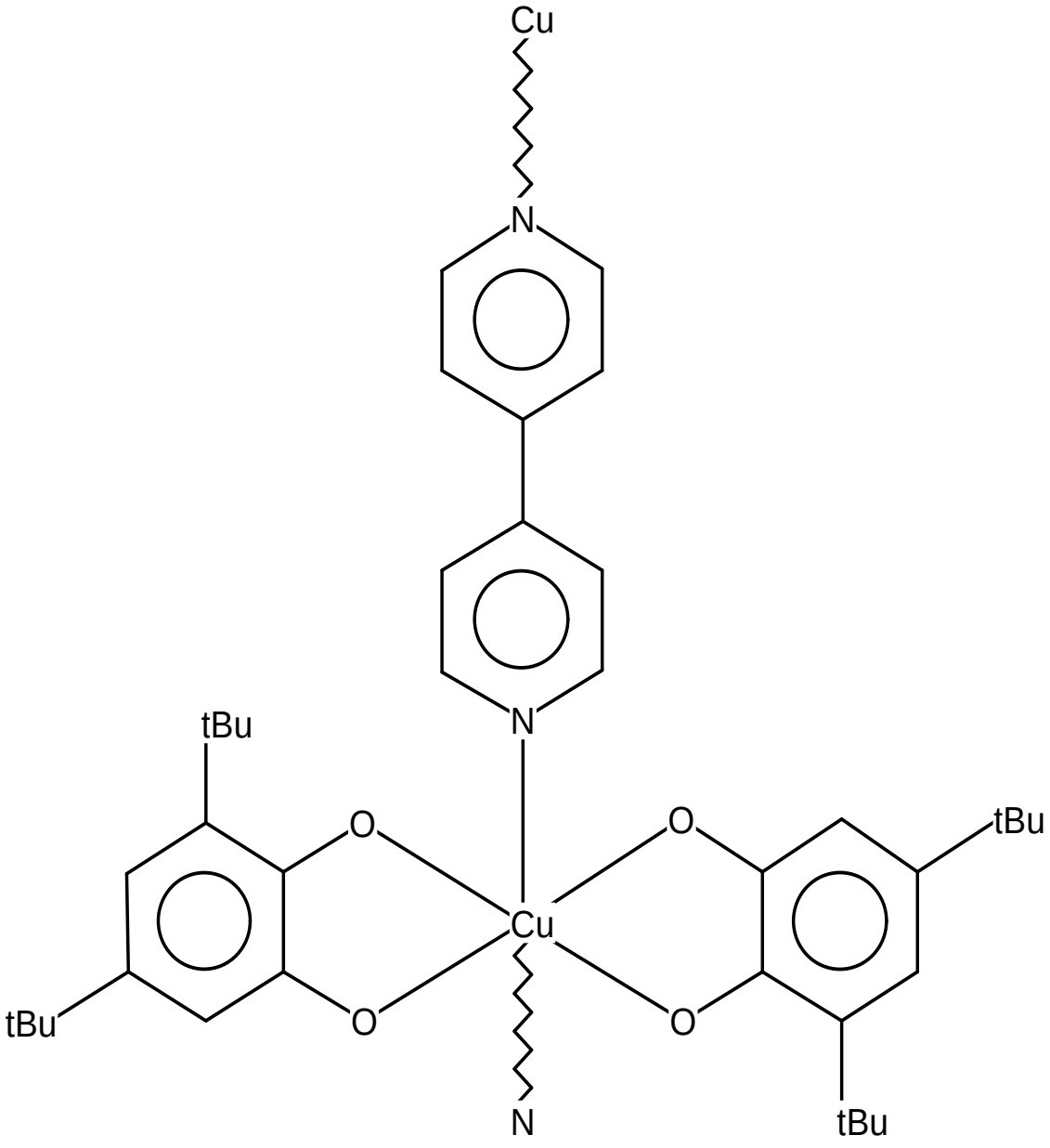
Reference: G.A.Abakumov, A.V.Lobanov, V.K.Cherkasov, R.I.Bochkova, L.N.Zakharov, Yu.N.Saf'yanov, E.A.Kuz'min (1985) *Dokl.Akad.Nauk SSSR(Russ.)(Proc.Nat.Acad.Sci.USSR)* ,**285,**906

Formula: $(C_{38}\ H_{48}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-bis(3,5-di-t-butylbenzosemiquinone-O,O')-copper(ii)

Space Group:	B112/m	***Cell:***	***a***	10.349(7)	***b***	17.019(8)	***c***	11.155(7)
Space Group No.:	12	***(Å,°)***	α	90.00	β	90.00	γ	99.20(10)

R-Factor (%): 9.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.131



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 493

DUFKUL

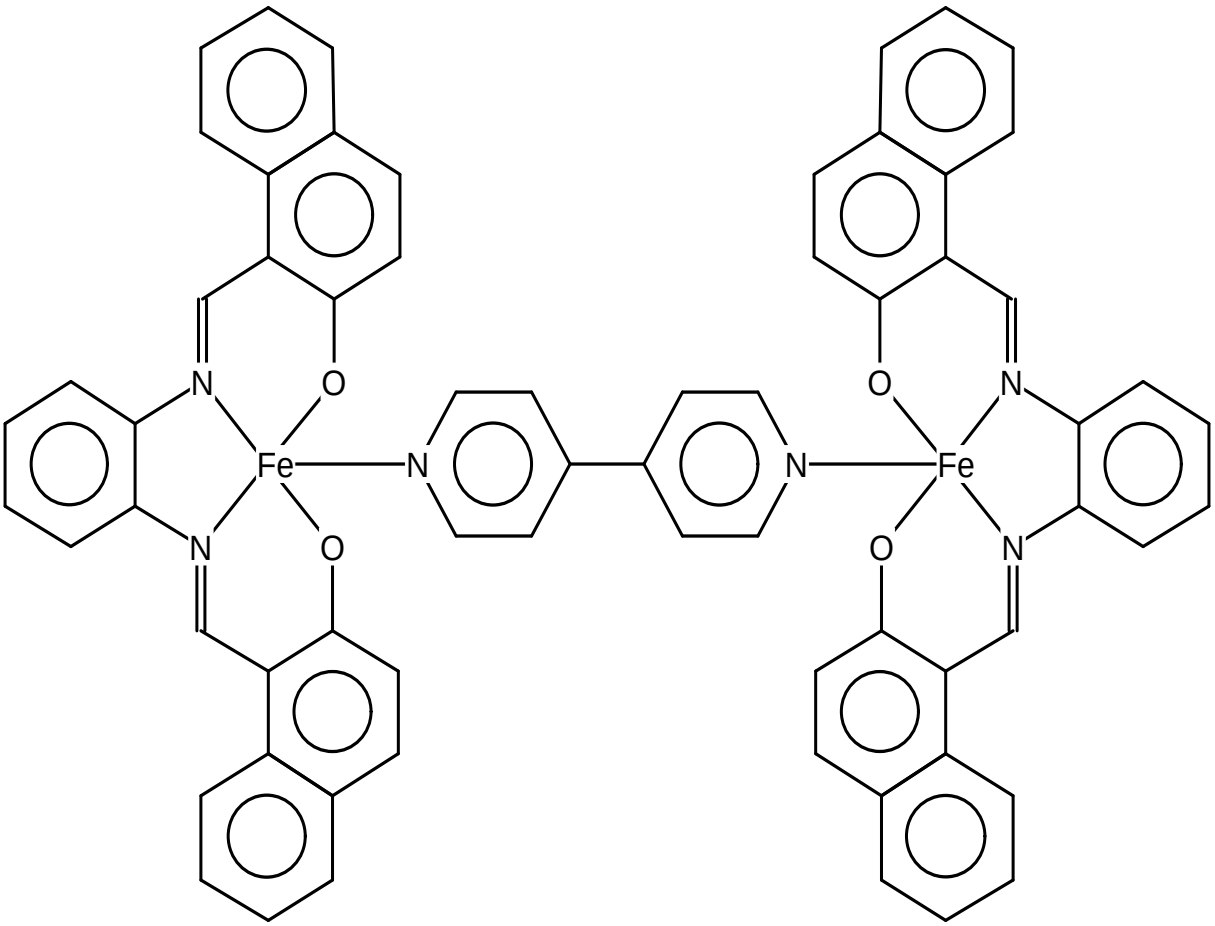
Reference: A.Nabei, T.Kuroda-Sowa, T.Shimizu, T.Okubo, M.Maekawa, M.Munakata (2009) *Polyhedron ,***28,**1734

Formula: $C_{66}\ H_{44}\ Fe_2\ N_6\ O_4,2(C_1\ H_4\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(N,N'-bis(2-oxy-1-naphthaldehyde)-1,2-phenylenedi-imine-N,N',O,O')-di-iron(ii) methanol solvate

Space Group:	C2/c	***Cell:***	***a***	25.393(4)	***b*** 6.038(0)	***c***	35.301(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.64(0)	γ	90.00

R-Factor (%): 9.73 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.504



H_3C—OH

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 494

DUFMEX

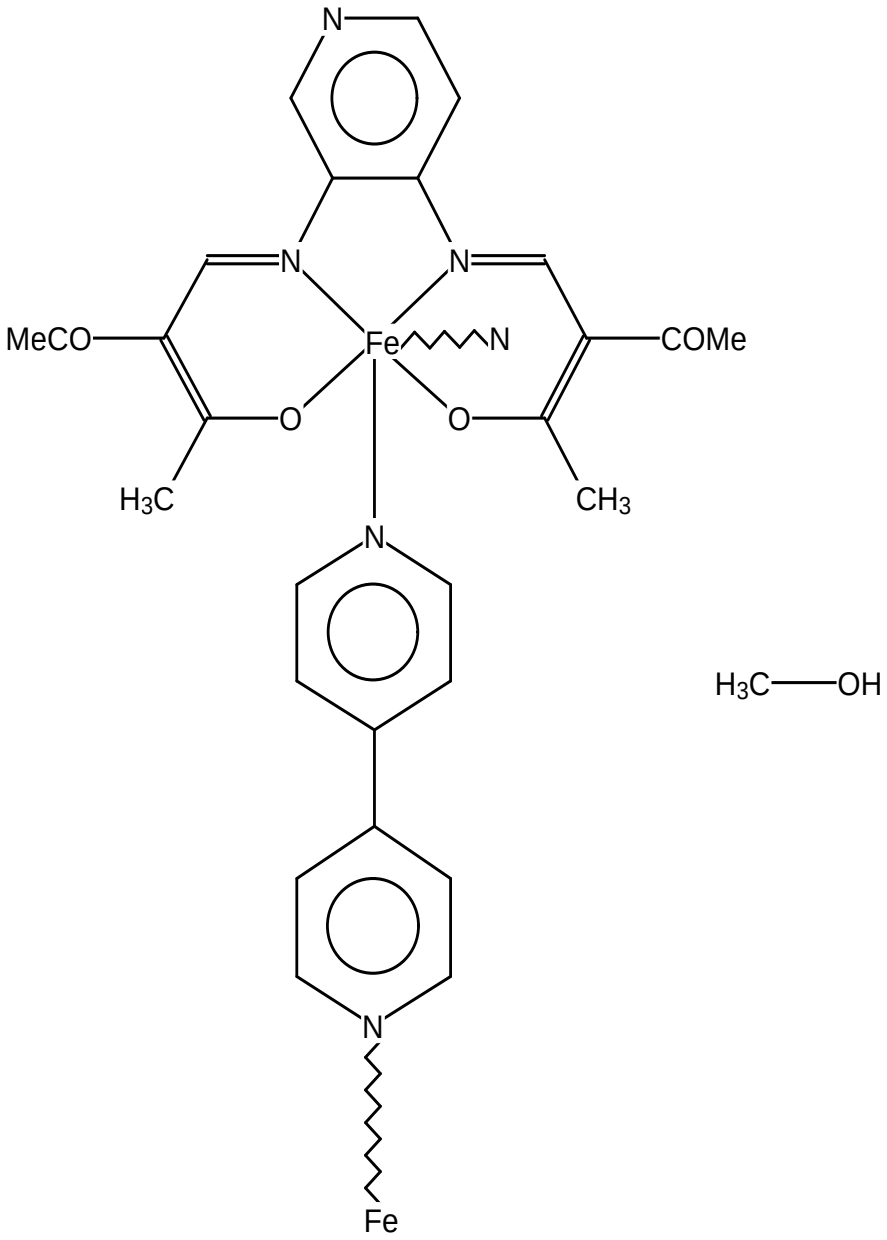
Reference: S.Thallmair, W.Bauer, B.Weber (2009) *Polyhedron* ,**28,** 1796

Formula: $(C_{27}\ H_{25}\ Fe_1\ N_5\ O_4)n,0.5n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-3,3'-(3,4-pyridinebis(iminomethylidyne))bis(4-oxopent-2-en-2-olato)-N,N',O,O')-iron(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	11.563(0)	***b***	11.602(0)	***c***	19.631(0)
Space Group No.:	2	***(Å,°)***	α	81.35(0)	β	79.60(0)	γ	89.36(0)

R-Factor (%): 4.97 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.441



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 495

DUFRUS

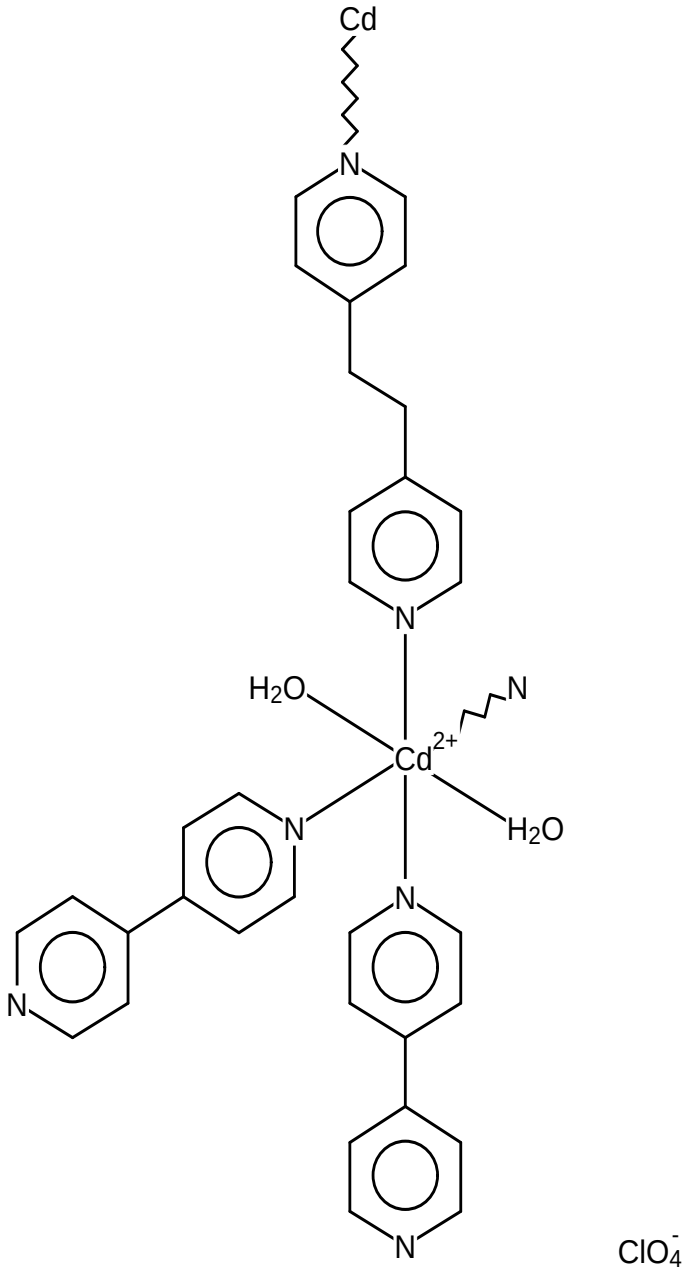
Reference: Z.R.Ranjbar, A.Hamidi, F.Heshmatpour, A.Morsali (2009) *J.Coord.Chem.* ,**62,**2022

Formula: $(C_{32}\ H_{32}\ Cd_1\ N_6\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-trans-1,2-bis(4-Pyridyl)ethane-N,N')-diaqua-bis(4,4'-bipyridine-N)-cadmium(ii) diperchlorate)

Space Group:	C2/c	***Cell:***	***a***	22.168(0)	***b*** 15.798(0)	***c***	12.433(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 123.29(0)	γ	90.00

R-Factor (%): 4.16 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 496

DUHFOC

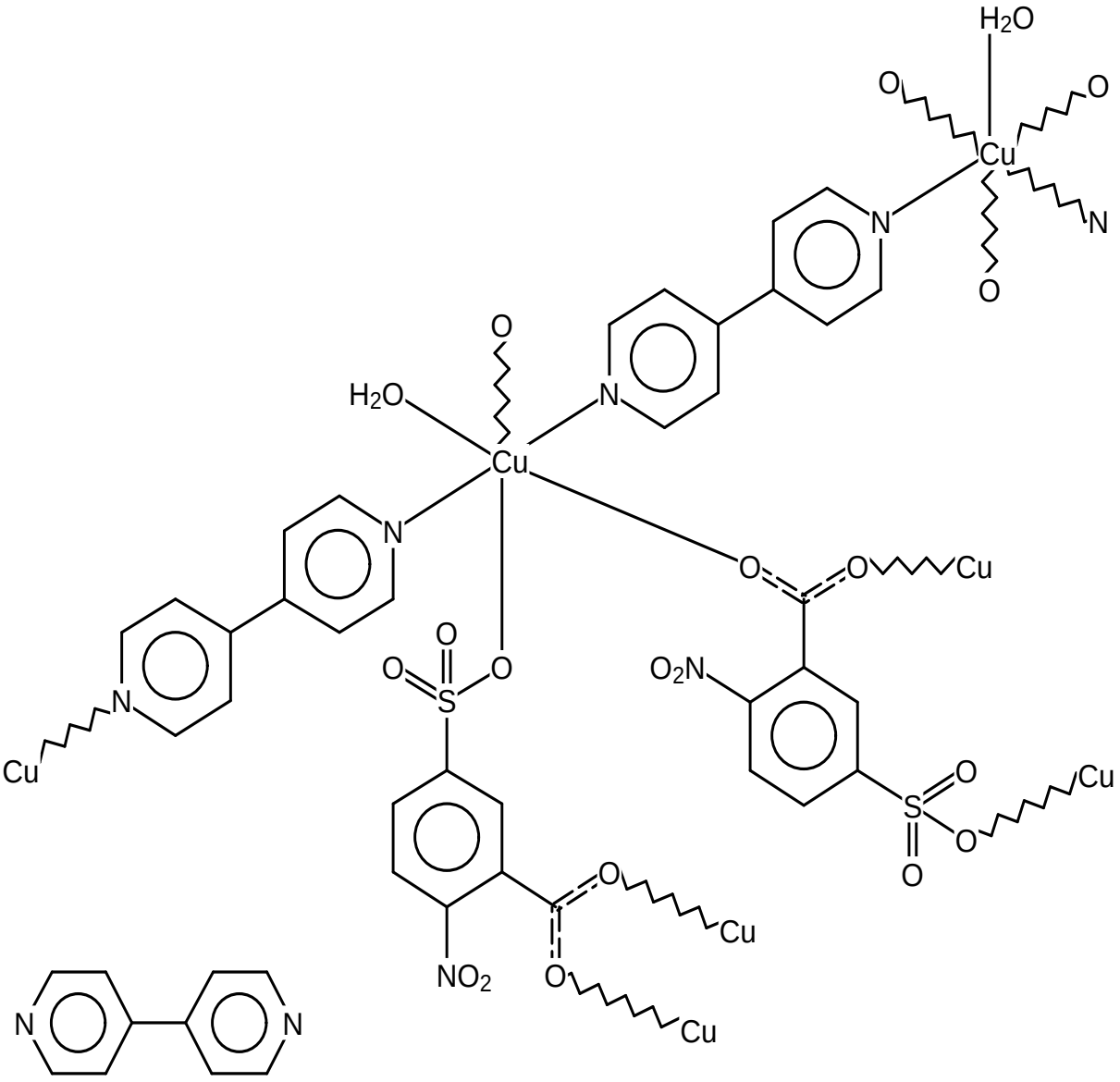
Reference: Zheyu Zhang (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1272

Formula: $(C_{34}\ H_{26}\ Cu_2\ N_6\ O_{16}\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((μ3-2-Nitro-5-sulfonatobenzoato-O1,O1',O5)-(μ2-4,4'-bipyridine-N,N'))-diaqua-di-copper(ii) 4,4'-bipyridine solvate)

Space Group:	P21/c	***Cell:***	***a***	11.455(1)	***b***	11.045(1)	***c***	17.089(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.74(0)	γ	90.00

R-Factor (%): 6.54 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.725



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 497

DUHGET

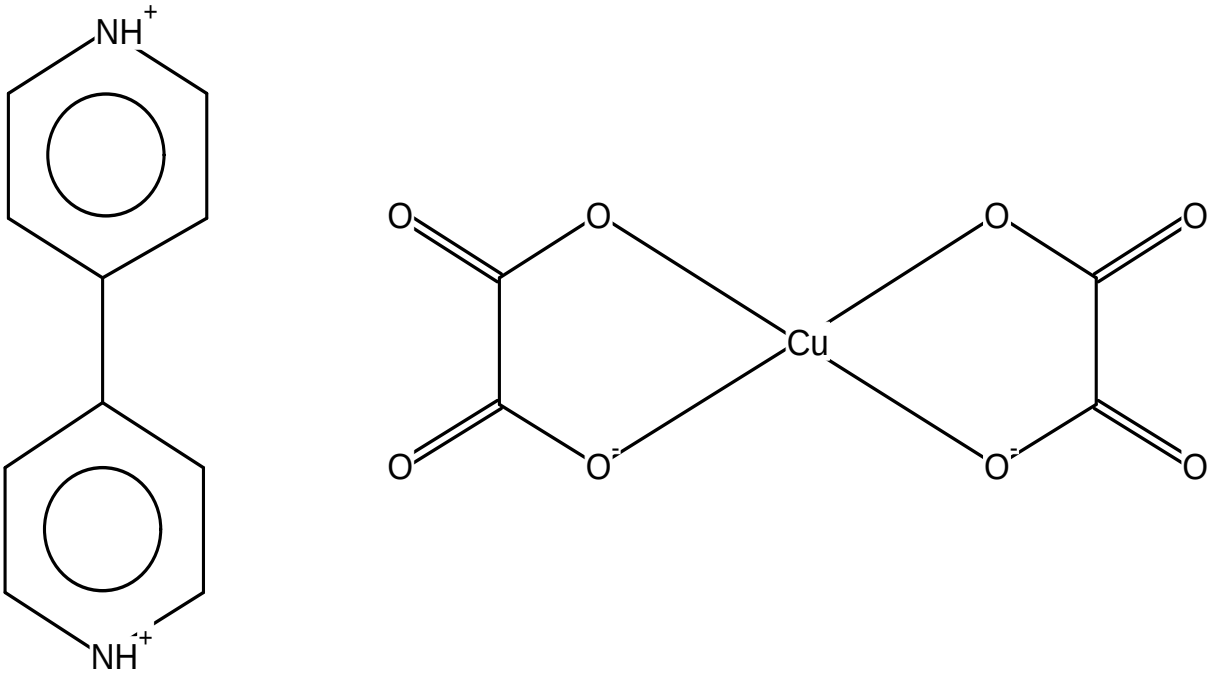
Reference: Lai-Jun Zhang, Xing-Can Shen, Hong Liang (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1276

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_4\,Cu_1\,O_8\,^{2-}$

Compound Name: 4,4'-Bipyridinium bis(oxalato-O,O')-copper(ii)

Space Group:	P-1	***Cell:***	***a***	3.690(0)	***b*** 9.950(2)	***c***	10.230(2)
Space Group No.:	2	***(Å,°)***	α	113.77(3)	β 98.43(3)	γ	97.89(3)

R-Factor (%):	2.71	***Temperature(K):***	293	***Density(g/cm^3):***	1.990



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 498

DUHKIB

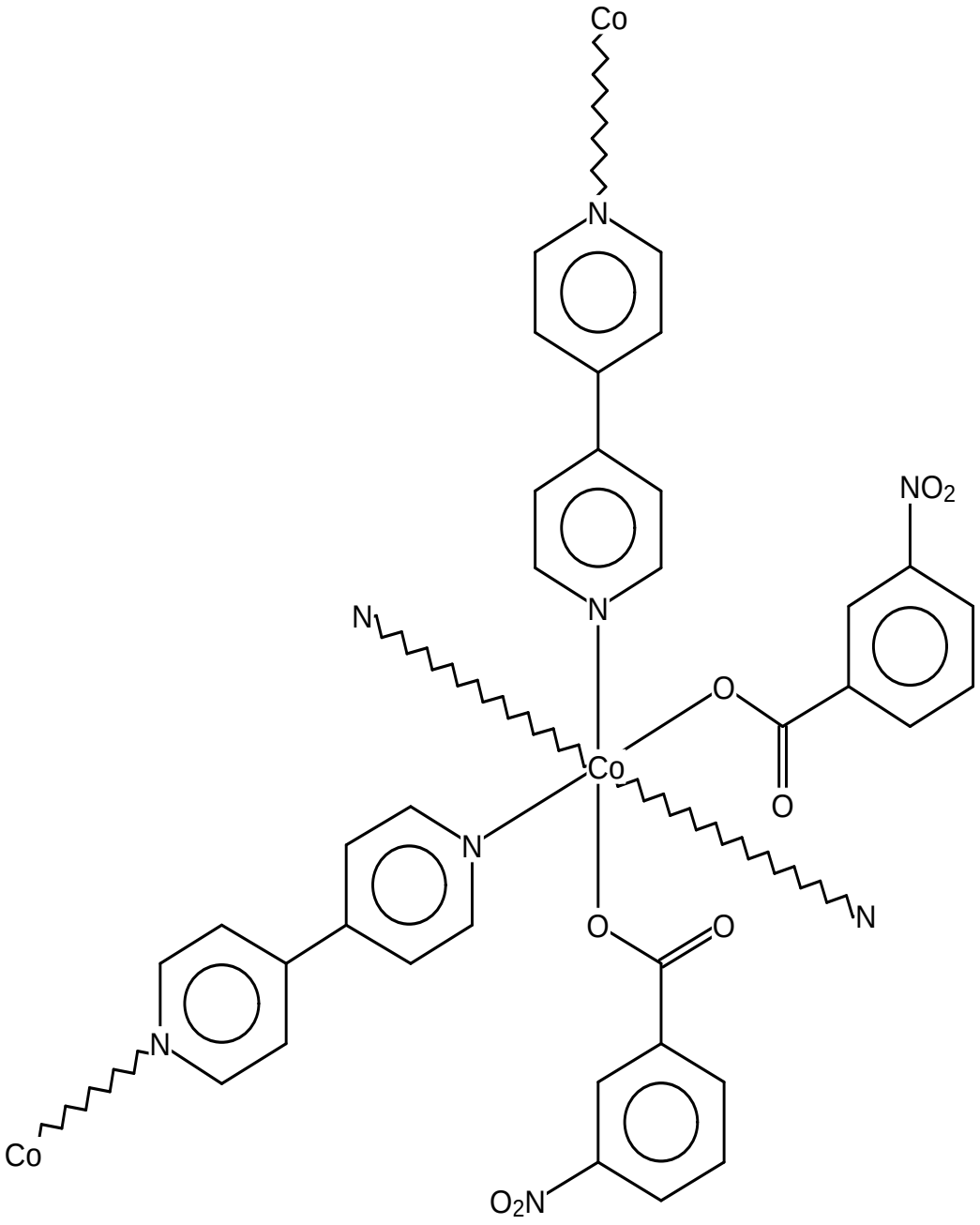
Reference: Pei-Hsuan Chiang, Shih-Chen Hsu, Chia-Her Lin (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1302

Formula: $(C_{34}\ H_{24}\ Co_1\ N_6\ O_8)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(3-nitrobenzoato-O))-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	18.207(1)	***b***	11.472(0)	***c***	15.054(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.66(0)	γ	90.00

R-Factor (%):	2.99	***Temperature(K):***	295	***Density(g/cm^3):***	1.491



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 499

DUKNAZ

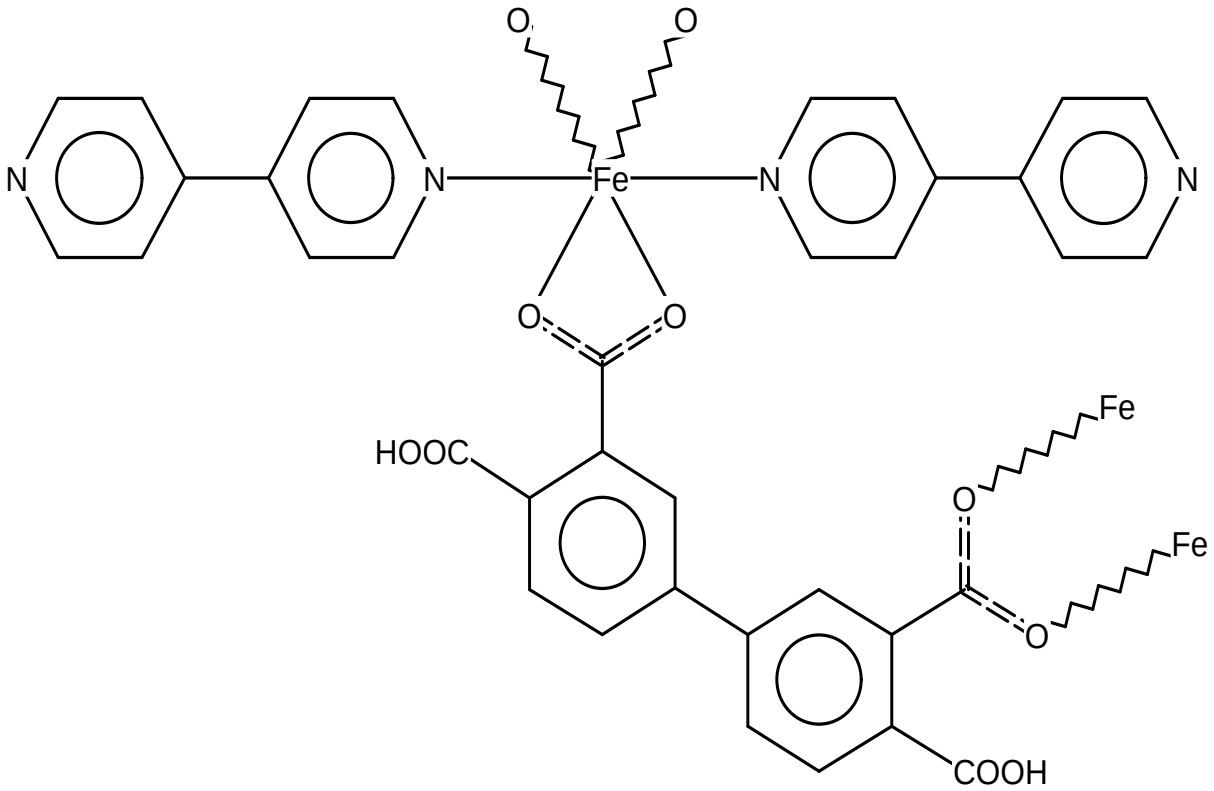
Reference: Qun-Hui Meng, Hui-Ling Lai, Han Lu, Yi-Fan Luo, Rong-Hua Zeng (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***65,** m1537

Formula: $(C_{36}\ H_{24}\ Fe_1\ N_4\ O_8)n$

Compound Name: catena-((μ_3-4,4'-dicarboxybiphenyl-3,3'-dicarboxylato)-bis(4,4'-bipyridine) -iron(ii))

Space Group:	P21/c	***Cell:***	***a***	11.957(1)	***b*** 24.114(3)	***c***	10.723(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.86(0)	γ	90.00

R-Factor (%): 3.70 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.555



Search: search1 (Thu May 26 10:05:42 2011): Hit 500

DUKQAC

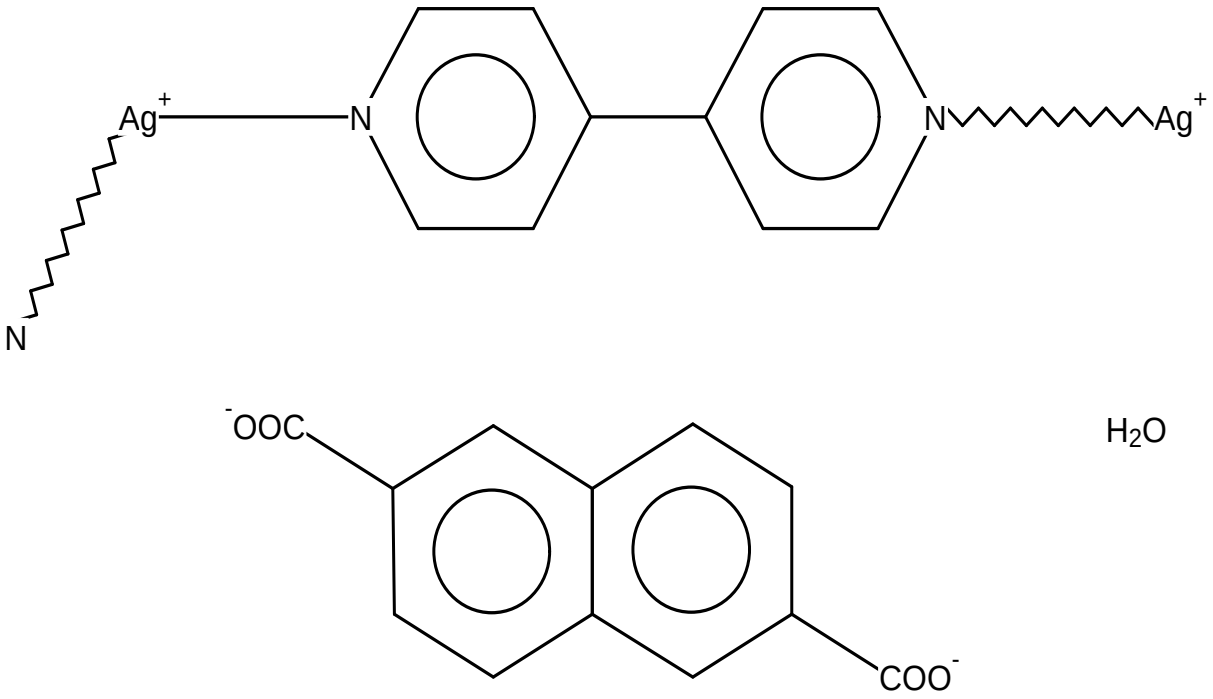
Reference: Di Sun, Geng-Geng Luo, Na Zhang, Rong-Bin Huang, Lan-Sun Zheng (2009) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **65,**m418

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})2n,n(C_{12}\ H_6\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-silver(i) naphthalene-2,6-dicarboxylate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.144(0)	***b***	9.612(0)	***c*** 11.423(0)
Space Group No.:	2	***(Å,°)***	α	90.46(0)	β	94.92(0)	γ 108.78(0)

R-Factor (%): 2.90 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.829



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 501

DUKSAE

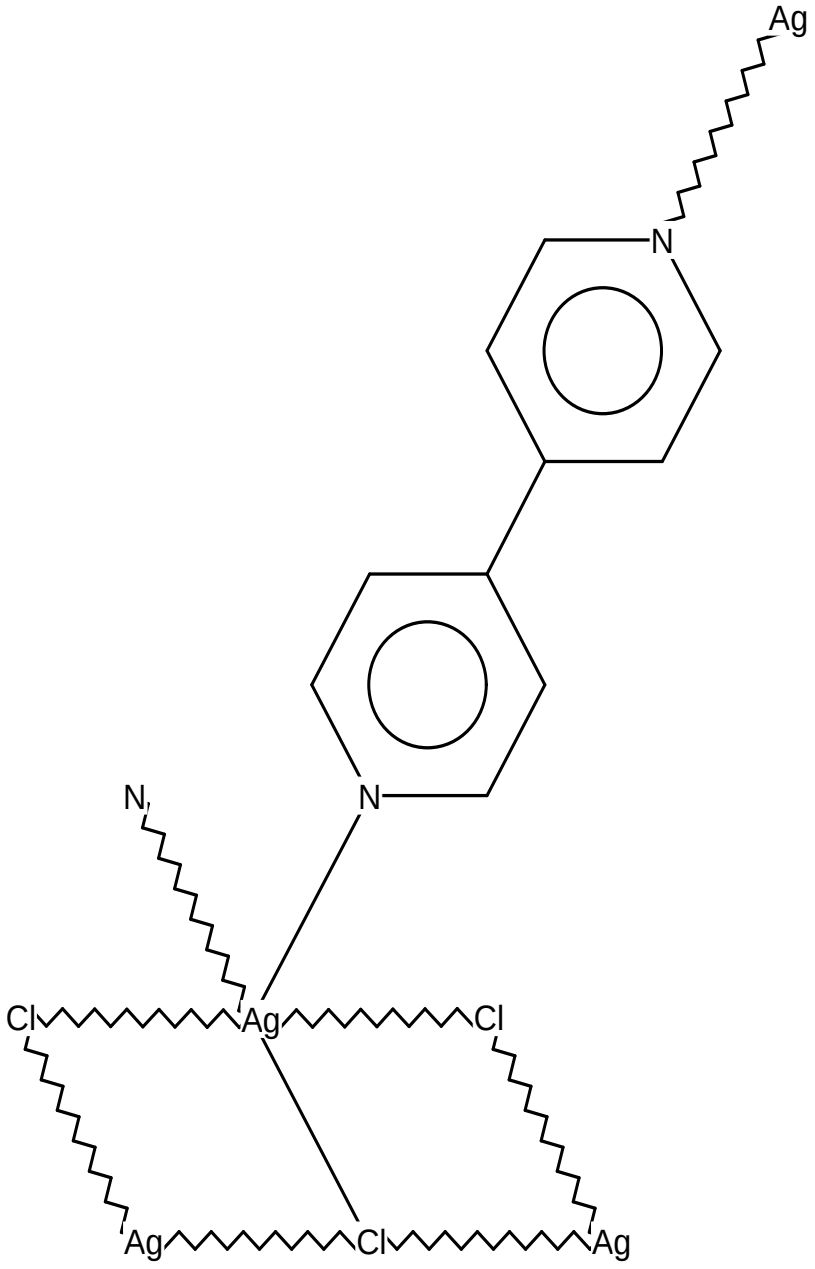
Reference: Di Sun, Geng-Geng Luo, Na Zhang, Rong-Bin Huang, Lan-Sun Zheng (2009) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **65,**m440

Formula: $(C_{10}\ H_8\ Ag_1\ Cl_1\ N_2)n$

Compound Name: catena-((μ_3-chloro)-(μ_2-4,4'-bipyridine)-silver(i))

Space Group:	C2/c	***Cell:***	***a***	12.870(4)	***b*** 13.548(4)	***c***	5.877(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 116.73(0)	γ	90.00

R-Factor (%): 3.65 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.174



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 502

DUKZIT

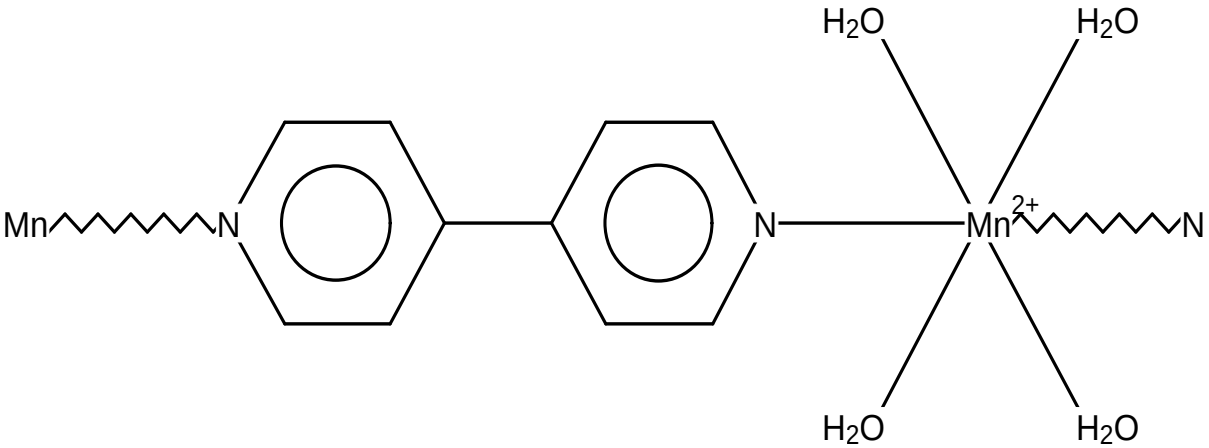
Reference: I.Stein, U.Ruschewitz (2009) *Z.Anorg.Allg.Chem.* ,**635,**914

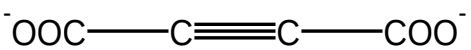
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-manganese(ii) acetylenedicarboxylate tetrahydrate]

Space Group:	P-1	***Cell:***	***a***	7.013(1)	***b***	8.128(1)	***c*** 9.843(1)
Space Group No.:	2	***(Å,°)***	α	79.40(1)	β	86.89(1)	γ 73.80(1)

R-Factor (%): 3.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.465





H_2O

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 503

DUMDEV

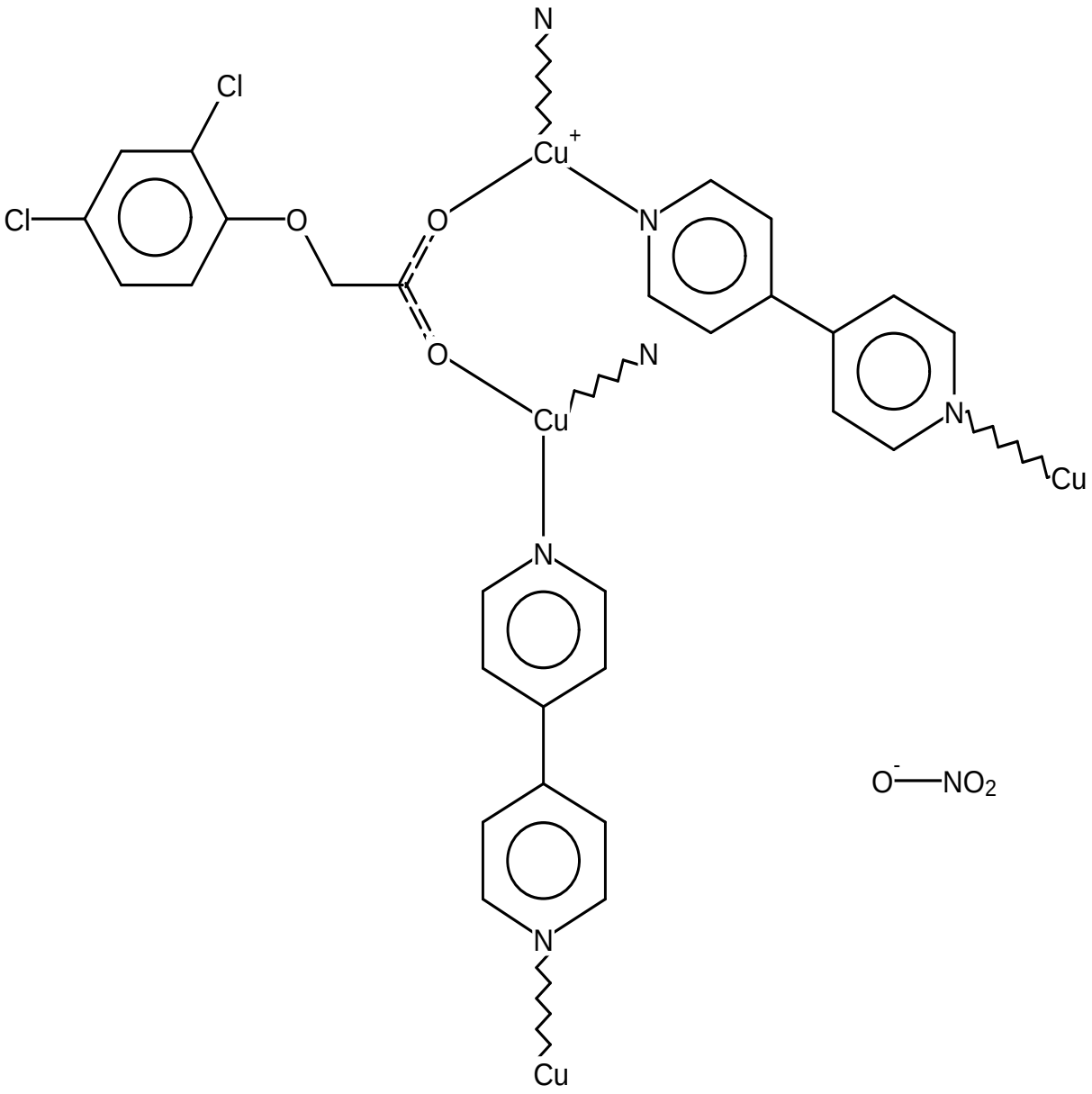
Reference: Shi-Zhu Liu (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m199

Formula: $(C_{28}\ H_{21}\ Cl_2\ Cu_2\ N_4\ O_3\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-(2,4-dichlorophenoxy)acetato-O,O')-copper(i) nitrate]

Space Group:	P21/c	***Cell:***	***a***	10.598(2)	***b*** 18.552(3)	***c***	15.212(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.84(0)	γ	90.00

R-Factor (%): 4.92 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.693



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 504

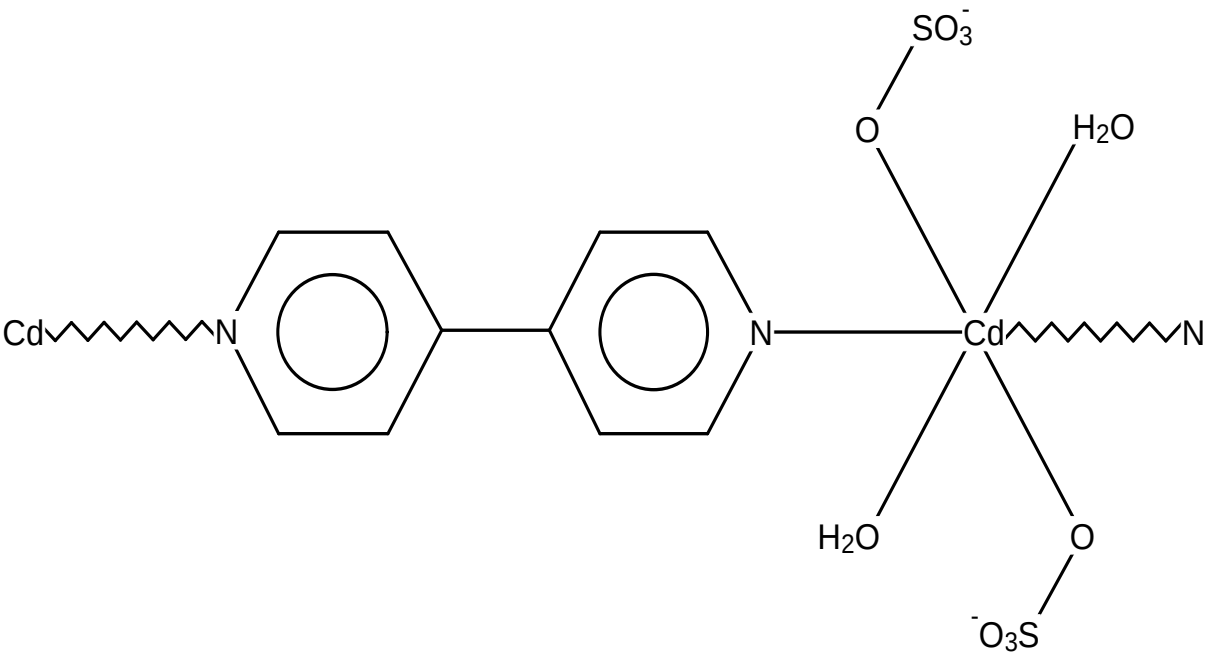
DUPVEQ

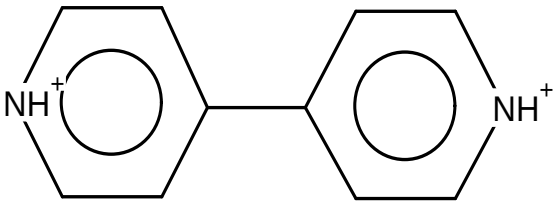
Reference: Wei Xu, Bi-Ju Huang, Ling-Feng Qiu (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m44

Formula: $(C_{10}\ H_{12}\ Cd_1\ N_2\ O_{10}\ S_2\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(H_2\ O_1)$

Compound Name: catena-(4,4'-bipyridinium (μ_2-4,4'-bipyridine)-diaqua-disulfato-cadmium(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.015(1)	***b***	9.417(1)	***c*** 10.020(2)
Space Group No.:	2	***(Å,°)***	α	74.69(3)	β	88.95(3)	γ 77.89(3)
R-Factor (%):	2.34	***Temperature(K):***	295		***Density(g/cm^3):***		1.840





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 505

DUQCOI

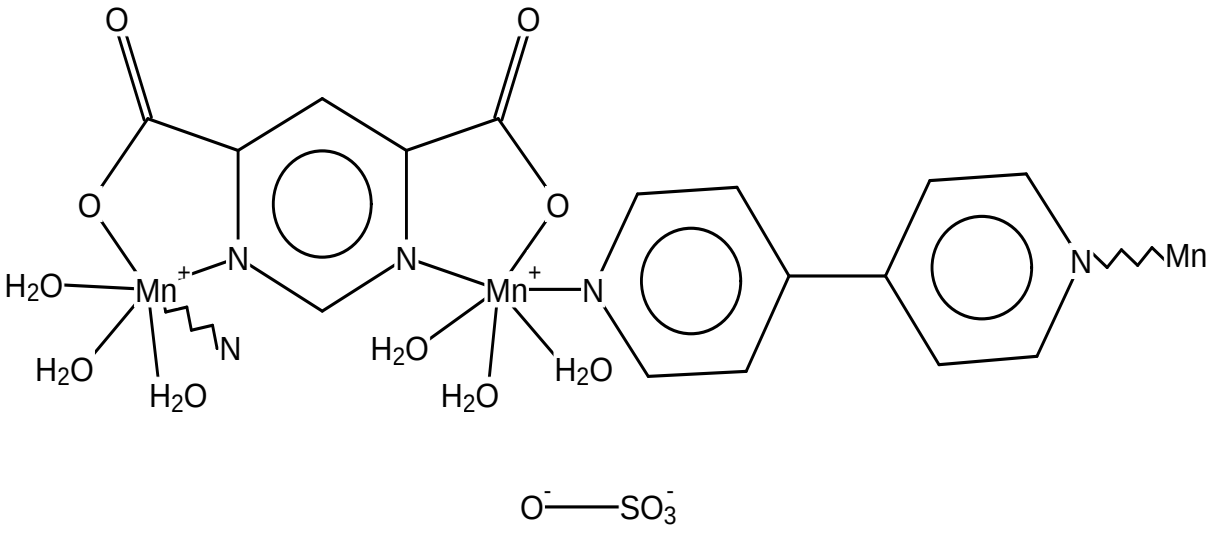
Reference: W.Wang, E.Barea, F.Linares (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m86

Formula: $(C_{16}\ H_{22}\ Mn_2\ N_4\ O_{10}\ ^{2+})n,n(O_4\ S_1\ ^{2-}),3n(H_2\ O_1)$

Compound Name: catena-[[μ_2-4,4'-bipyridine-κ^2N:N')-(μ_2-pyrimidine-4,6-dicarboxylato-κ^4N1,O6:N3,O4]-bis(triaqua-manganese(ii)) sulfate trihydrate]

Space Group:	P21/c	***Cell:***	***a***	18.745(2)	***b*** 10.764(1)	***c***	14.159(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.04(0)	γ	90.00

R-Factor (%): 4.14 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.720



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 506

EBIWUI

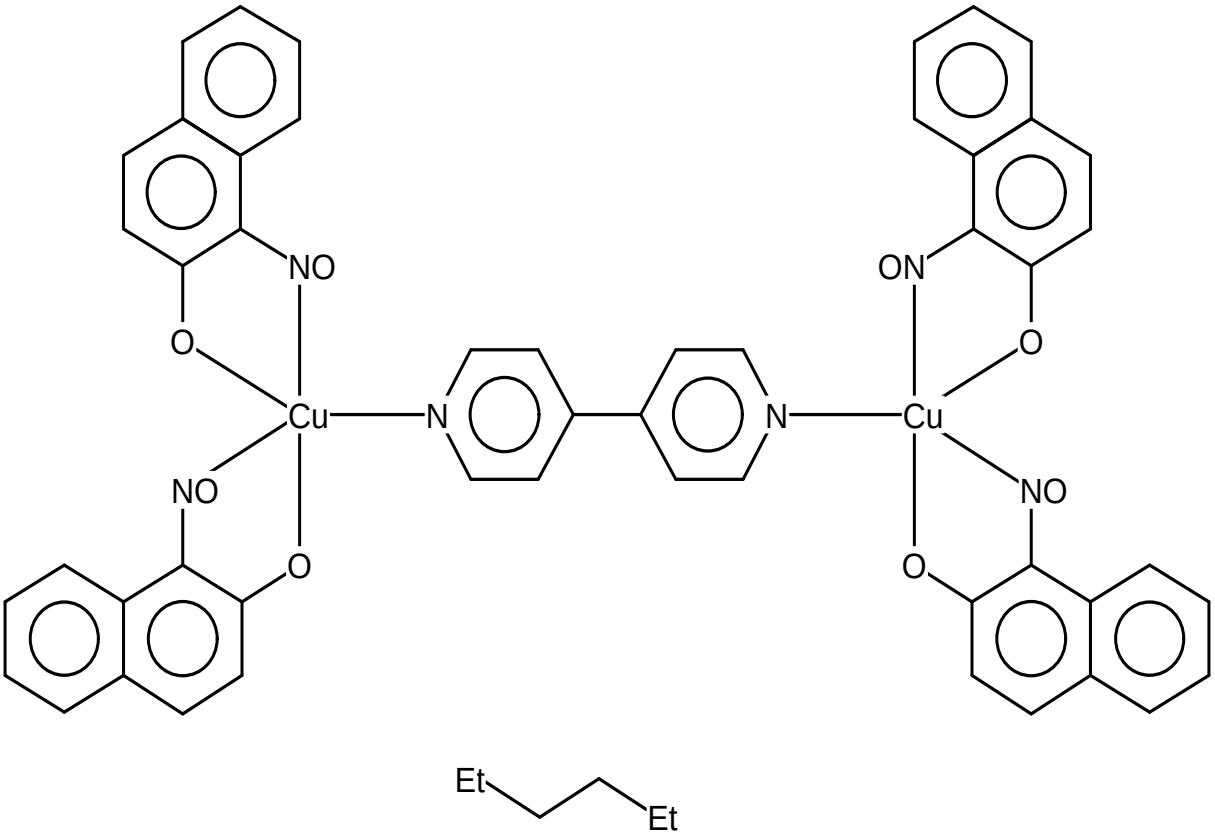
Reference: M.G.B.Drew, J.P.Naskar, S.Chowdhury, D.Datta (2003) *Indian J.Chem.,Sect.A:Inorg.,Bio-inorg.,Phys.,Theor.Anal.Chem.* ,**42,** 2531

Formula: $C_{50}\ H_{32}\ Cu_2\ N_6\ O_8, C_6\ H_{14}, 2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(bis(1-nitroso-2-naphtholato)-copper(ii)) n-hexane solvate dihydrate

Space Group:	P-1	***Cell:***	***a***	8.368(11)	***b***	11.205(14)	***c*** 13.844(17)
Space Group No.:	2	***(Å,°)***	α	103.60(1)	β	97.84(1)	γ 103.99(1)

R-Factor (%): 7.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.516



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 507

EBOKAI

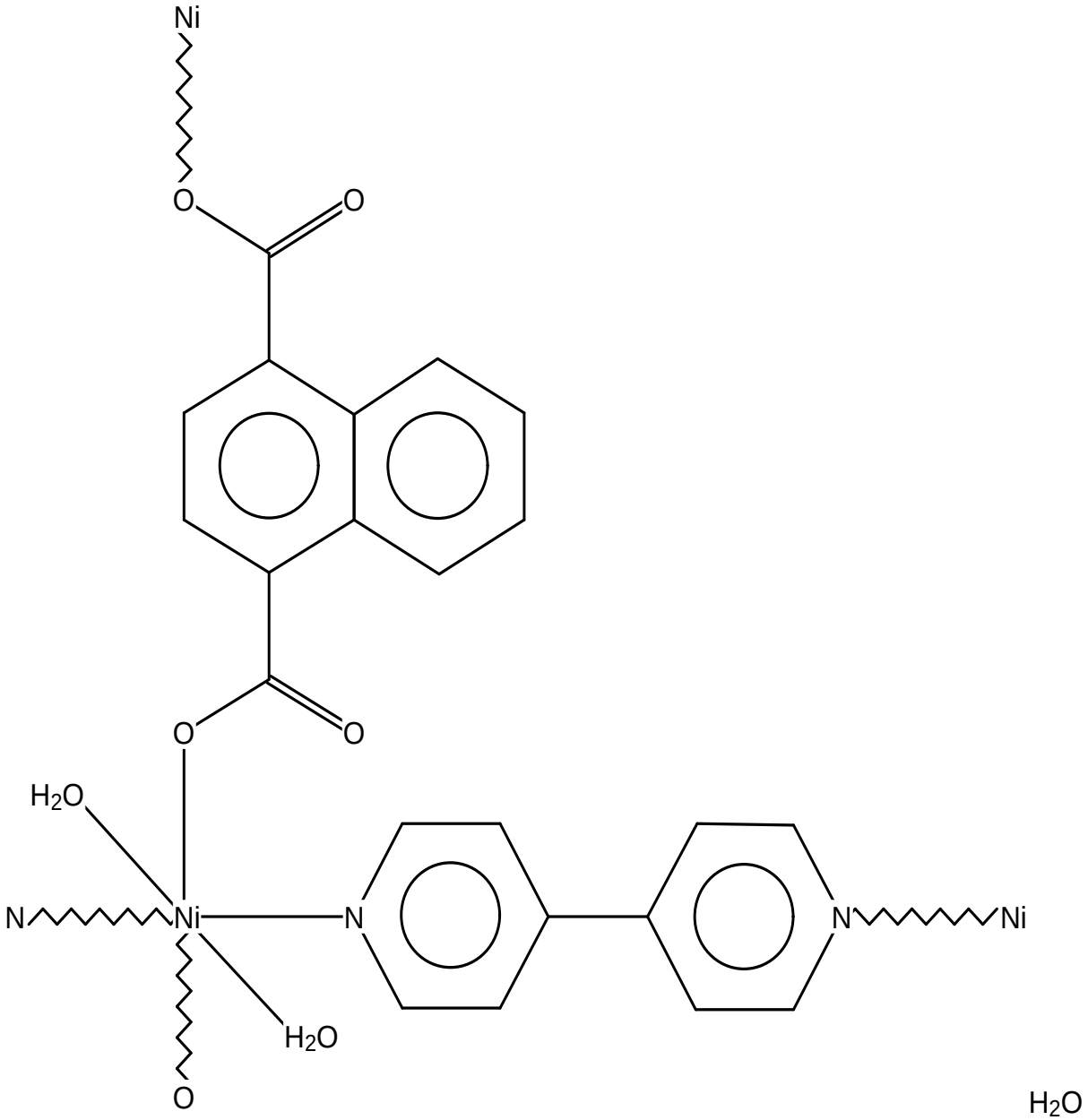
Reference: Xiang-Jun Zheng, Li-Cun Li, Song Gao, Lin-Pei Jin (2004) *Polyhedron ,***23,**1257

Formula: $(C_{22}\ H_{18}\ N_2\ Ni_1\ O_6)n,0.5n(H_2\ O_1)$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridyl)-(μ_2-naphthalene-1,4-dicarboxylato)-diaqua-nickel(ii) hemihydrate)

Space Group:	P2/c	***Cell:***	***a***	9.766(3)	***b*** 11.382(4)	***c***	9.738(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 109.56(0)	γ	90.00

R-Factor (%): 3.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.544



Search: search1 (Thu May 26 10:05:42 2011): Hit 508

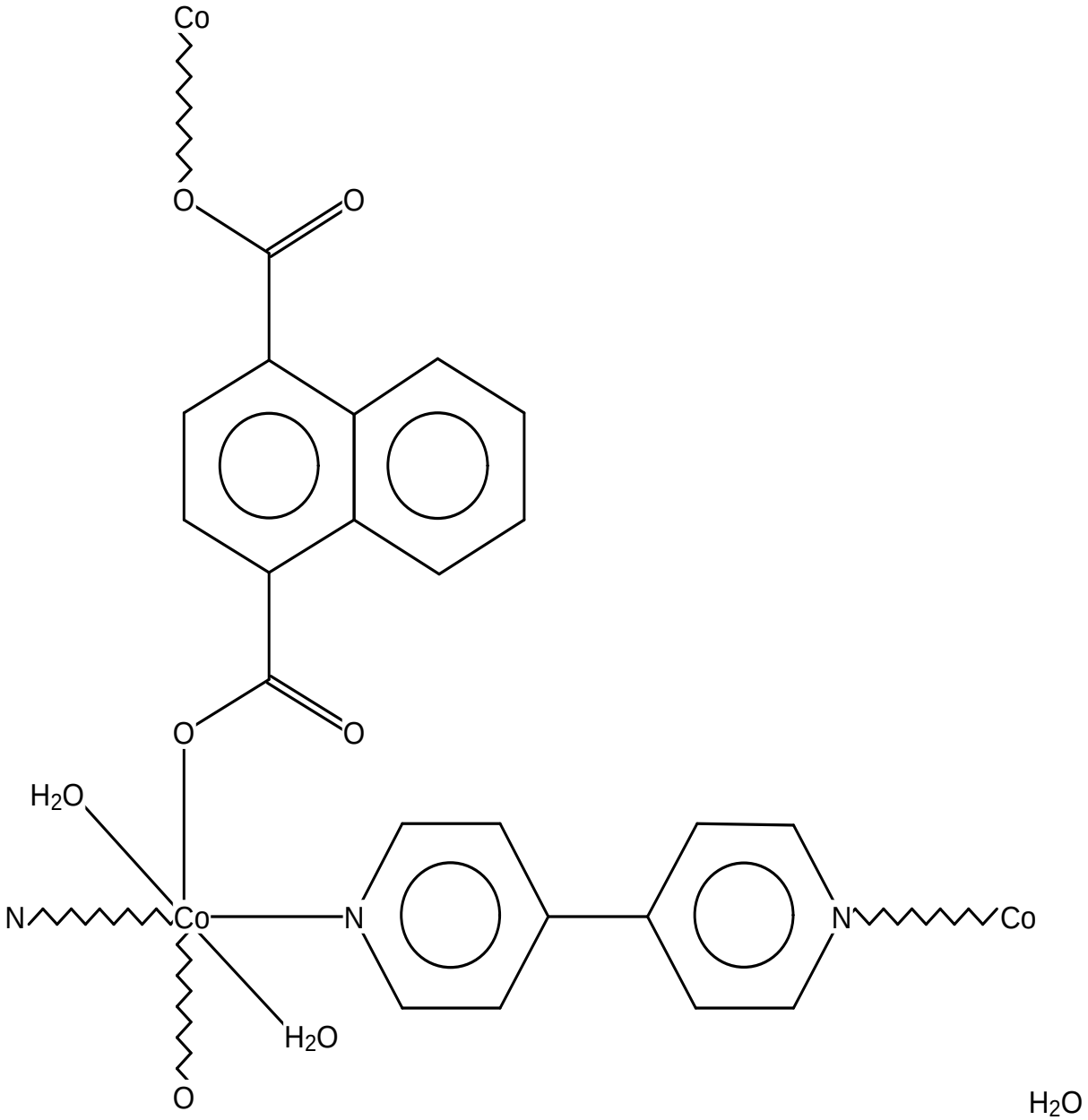
EBOKEM

Reference: Xiang-Jun Zheng, Li-Cun Li, Song Gao, Lin-Pei Jin (2004) *Polyhedron ,***23,**1257

Formula: $(C_{22}\ H_{18}\ Co_1\ N_2\ O_6)n,n(H_2\ O_1)$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridyl)-(μ_2-naphthalene-1,4-dicarboxylato)-diaqua-cobalt(ii) monohydrate)

Space Group:	P2/c	***Cell:***	***a*** 9.849(3)	***b*** 11.484(3)	***c*** 9.799(3)
Space Group No.:	13	***(Å,°)***	α 90.00	β 109.87(0)	γ 90.00
R-Factor (%):	3.92	***Temperature(K):***	293	***Density(g/cm^3):***	1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 509

EBONOZ

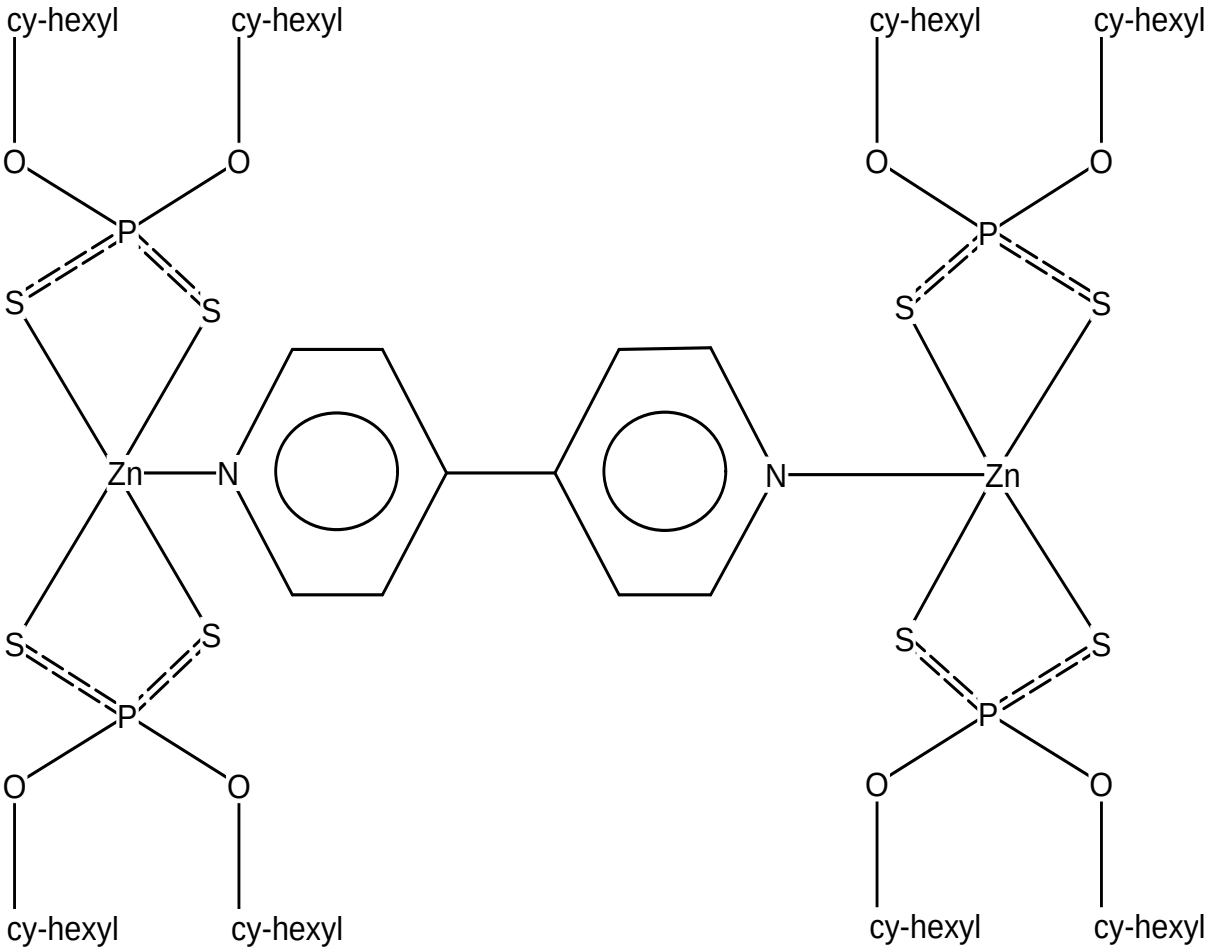
Reference: Chian Sing Lai, Sikai Liu, E.R.T.Tiekink (2004)
CrystEngComm ,**6,**221

Formula: $C_{58}\ H_{96}\ N_2\ O_8\ P_4\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-bipyridyl)-tetrakis(dicyclohexyldithiophosphato)-di-zinc

Space Group:	P21/c	***Cell:***	***a***	13.300(0)	***b*** 9.314(0)	***c***	28.737(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.79(0)	γ	90.00

R-Factor (%): 6.50 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.387



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 510

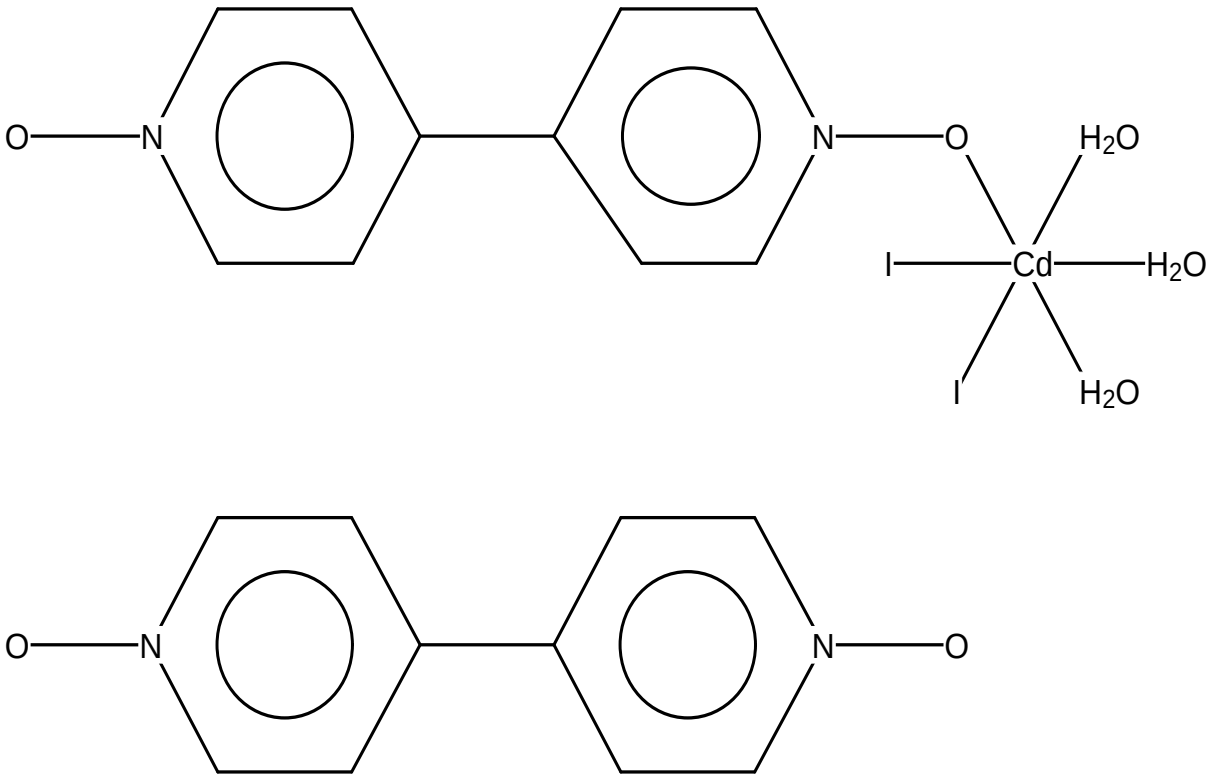
ECAJIB

Reference: Bao-Qing Ma, Song Gao, Hao-Ling Sun, Guang-Xian Xu (2001) *CrystEngComm* ,**3,**147

Formula: $C_{10}\,H_{14}\,Cd_1\,I_2\,N_2\,O_5$,0.5($C_{10}\,H_8\,N_2\,O_2$)

Compound Name: bis(Triaqua-(4,4'-bipyridine dioxide)-diiodo-cadmium) 4,4'-bipyridine dioxide

Space Group:	P21/c	***Cell:***	***a***	10.325(0)	***b***	10.389(0)	***c*** 19.101(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.03(0)	γ 90.00
R-Factor (%):	3.01	***Temperature(K):***	293		***Density(g/cm^3):***		2.290



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 511

ECAJOH

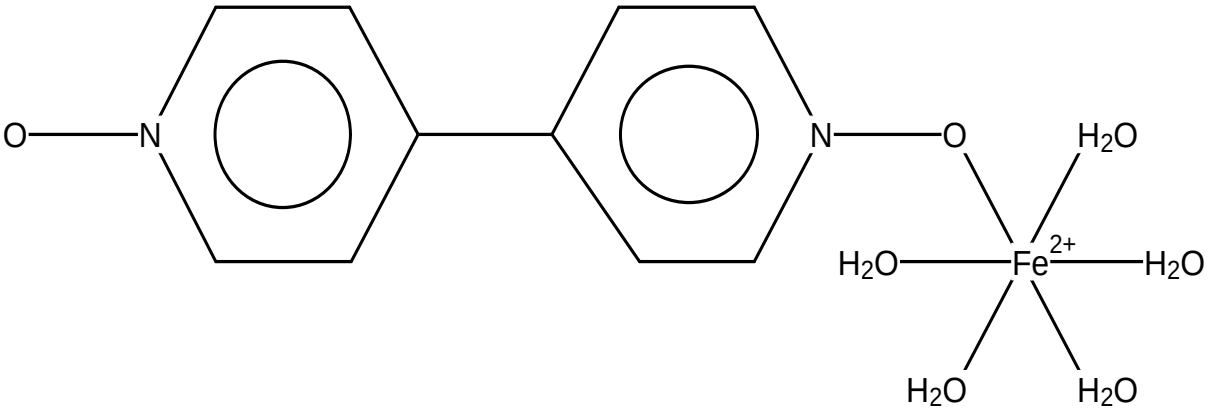
Reference: Bao-Qing Ma, Song Gao, Hao-Ling Sun, Guang-Xian Xu (2001) *CrystEngComm* ,**3,**147

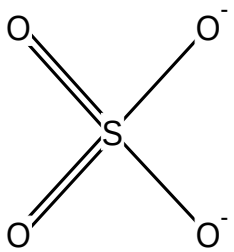
Formula: $C_{10}\,H_{18}\,Fe_1\,N_2\,O_7^{2+},O_4\,S_1^{2-},4(H_2\,O_1)$

Compound Name: Pentaaqua-(4,4'-bipyridine dioxide)-iron sulfate tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	14.310(0)	***b*** 6.979(0)	***c***	20.880(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.69(0)	γ	90.00

R-Factor (%): 5.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.654





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 512

ECASAD

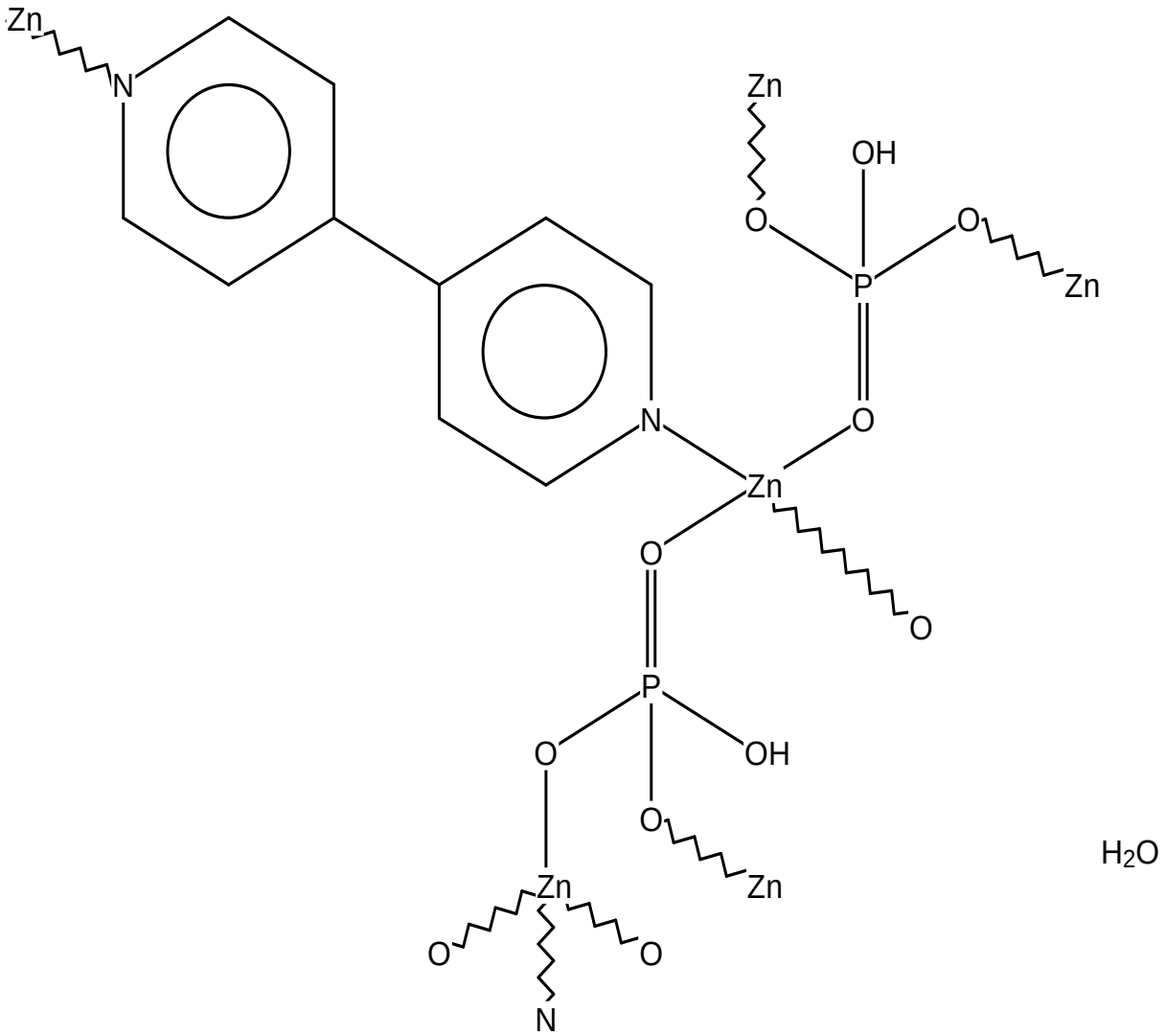
Reference: Lei Wang, Ming Yang, Guanghua Li, Zhan Shi, Shouhua Feng (2006) *J.Solid State Chem. ,***179,**156

Formula: $(C_{10}\ H_{10}\ N_2\ O_8\ P_2\ Zn_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Hydrogen phosphato)-(μ_2-4,4'-bipyridine)-zinc trihydrate)

Space Group:	C2/c	***Cell:***	***a***	21.188(4)	***b***	10.229(2)	***c*** 9.066(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.21(3)	γ 90.00

R-Factor (%): 2.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.802



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 513

ECAVUA

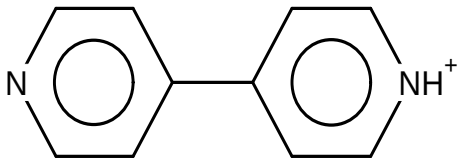
Reference: Quan-Zheng Zhang, Can-Zhong Lu (2006)
Z.Anorg.Allg.Chem. ,**632,**330

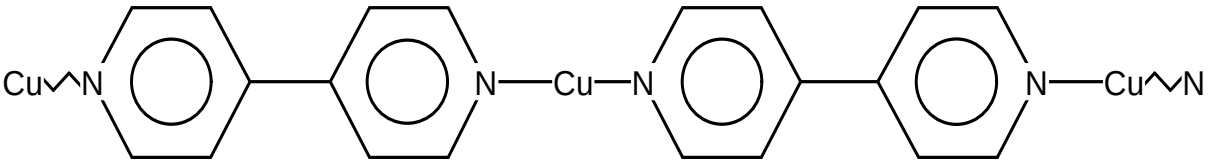
Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,n(C_{20}\ H_{16}\ Cu_2\ N_4),n(Mo_{12}\ O_{39}\ P_1\ ^{1-})$

Compound Name: catena-(Hydrogen 4,4'-bipyridine bis((μ$_2$-4,4'-bipyridine)-copper(i)) (μ$_{10}$-phosphato)-pentacosakis(μ$_2$-oxo)-decaoxo-di-molybdenum(v)-deca-molybdenum(vi))

Space Group:	P-1	***Cell:***	***a***	10.787(0)	***b*** 10.902(0)	***c***	12.790(0)
Space Group No.:	2	***(Å,°)***	α	96.85(0)	β 110.09(0)	γ	103.58(0)

R-Factor (%): 7.81 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.978





n-$Mo_{12}[\mu_{10}\text{-}O_4P][\mu_2\text{-}O]_{25}[O]_{10}^-$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 514

ECIWUJ

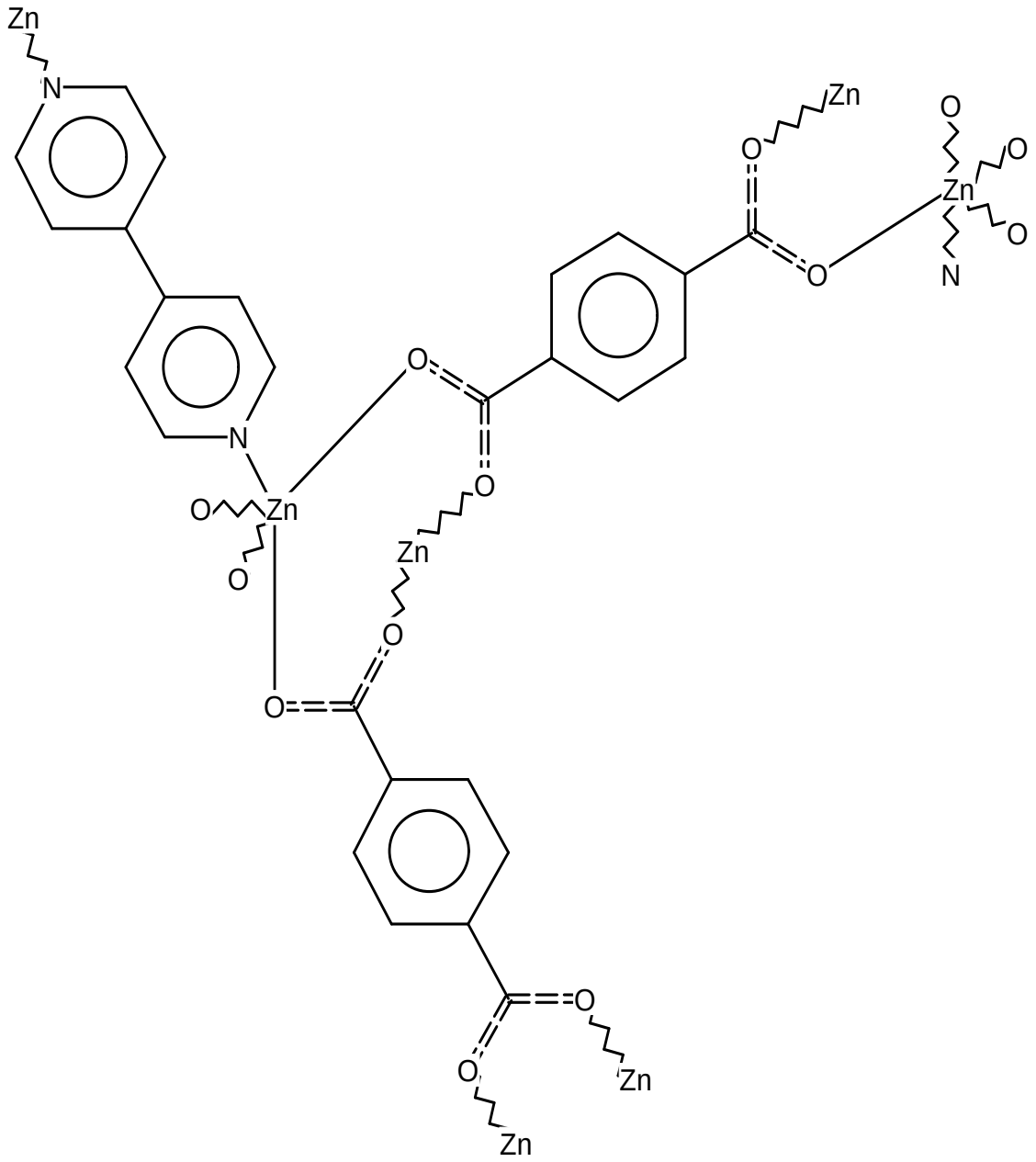
Reference: Banglin Chen, Chengdu Liang, Jun Yang, D.S.Contreras, Y.L.Clancy, E.B.Lobkovsky, O.M.Yaghi, Sheng Dai (2006) *Angew.Chem.,Int.Ed. ,***45,**1390

Formula: $(C_{26}\ H_{16}\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_4-Benzene-1,4-dicarboxylato)-(μ_2-4,4'-bipyridine)-di-zinc)

Space Group:	P-1	***Cell:***	***a***	7.791(1)	***b***	9.298(1)	***c***	10.628(1)
Space Group No.:	2	***(Å,°)***	α	65.32(0)	β	86.20(0)	γ	78.14(0)

R-Factor (%): 3.25 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.492



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 515

ECIZAS

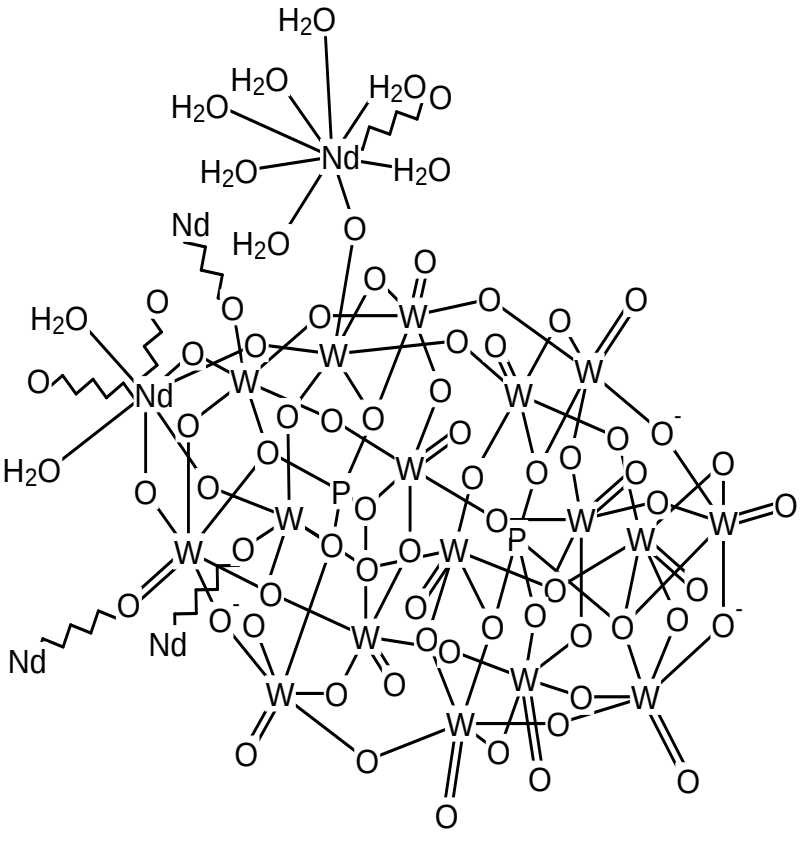
Reference: Ying Lu, Yan Xu, Yangguang Li, Enbo Wang, Xinxin Xu, Ying Ma (2006) *Inorg.Chem. ,***45,**2055

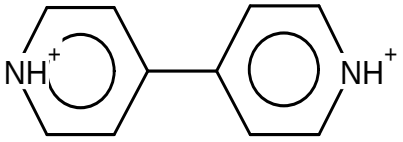
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(H_{18}\ Nd_2\ O_{70}\ P_2\ W_{17}\ ^{4-}),4.5n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) (μ_9-phosphato)-(μ_8-phosphato)-tetracosakis(μ_2-oxo)-nona-aqua-tridecaoxo-di-neodymium-heptadeca-tungsten hydrate)

Space Group:	P-1	***Cell:***	***a***	12.904(3)	***b***	12.951(3)	***c***	25.514(5)
Space Group No.:	2	***(Å,°)***	α	88.24(3)	β	76.11(3)	γ	64.66(3)

R-Factor (%): 4.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.464





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 516

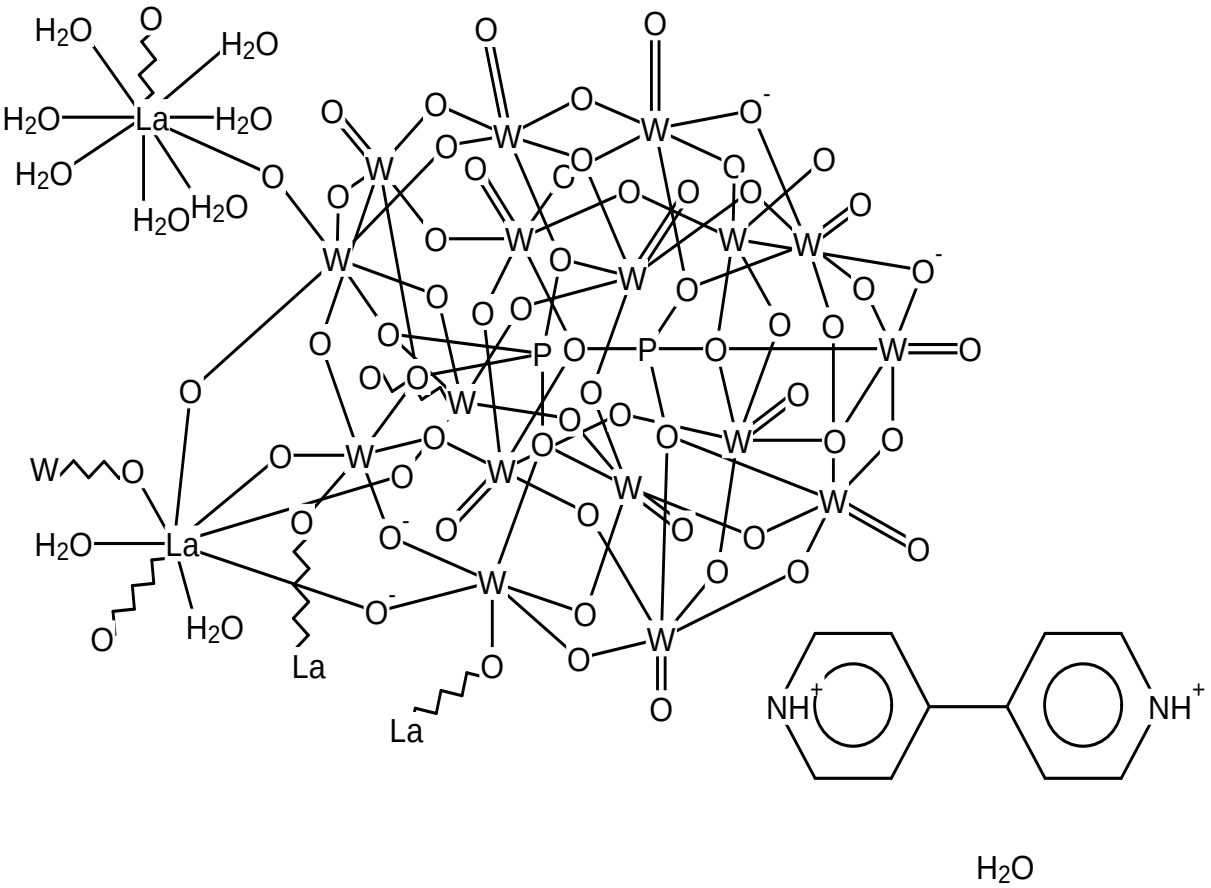
ECIZEW

Reference: Ying Lu, Yan Xu, Yangguang Li, Enbo Wang, Xinxin Xu, Ying Ma (2006) *Inorg.Chem.* ,**45,**2055

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(H_{18}\ La_2\ O_{70}\ P_2\ W_{17}\ ^{4-}),4.5n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) (μ_9-phosphato)-(μ_8-phosphato)-tetracosakis(μ_2-oxo)-nona-aqua-di-lanthanum-heptadeca-tungsten hydrate)

Space Group:	P-1	***Cell:***	***a***	12.970(3)	***b***	13.015(3)	***c***	25.484(5)
Space Group No.:	2	***(Å,°)***	α	88.25(3)	β	76.11(3)	γ	64.29(3)
R-Factor (%):	5.00	***Temperature(K):***	293		***Density(g/cm^3):***		4.430	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 517

ECIZIA

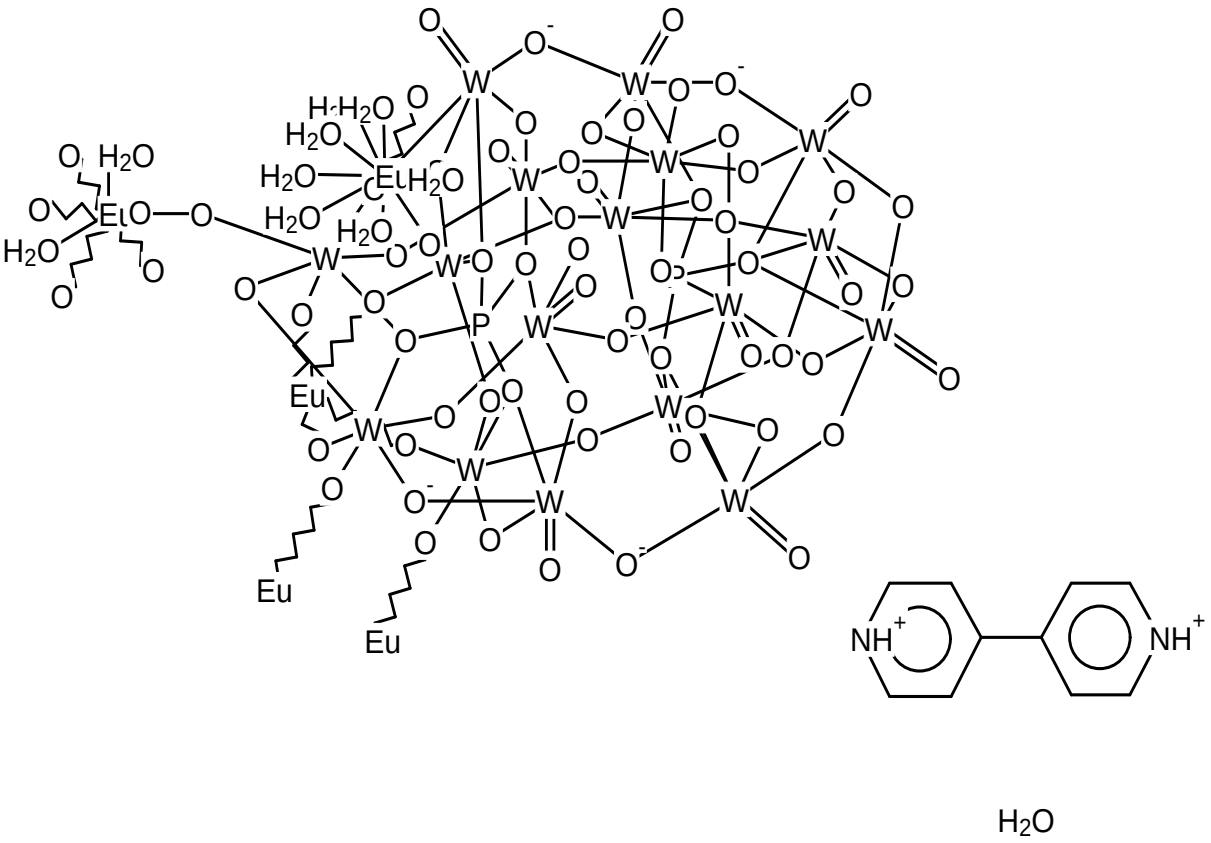
Reference: Ying Lu, Yan Xu, Yangguang Li, Enbo Wang, Xinxin Xu, Ying Ma (2006) *Inorg.Chem. ,***45,**2055

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(H_{18}\ Eu_2\ O_{70}\ P_2\ W_{17}\ ^{4-}),5n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) (μ_9-phosphato)-(μ_8-phosphato)-tetracosakis(μ_2-oxo)-nona-aqua-tridecaoxo-di-europium-heptadeca-tungsten pentahydrate)

Space Group:	P-1	***Cell:***	***a***	12.875(3)	***b***	12.914(3)	***c***	25.503(5)
Space Group No.:	2	***(Å,°)***	α	88.24(3)	β	76.29(3)	γ	64.97(3)

R-Factor (%): 4.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.495



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 518

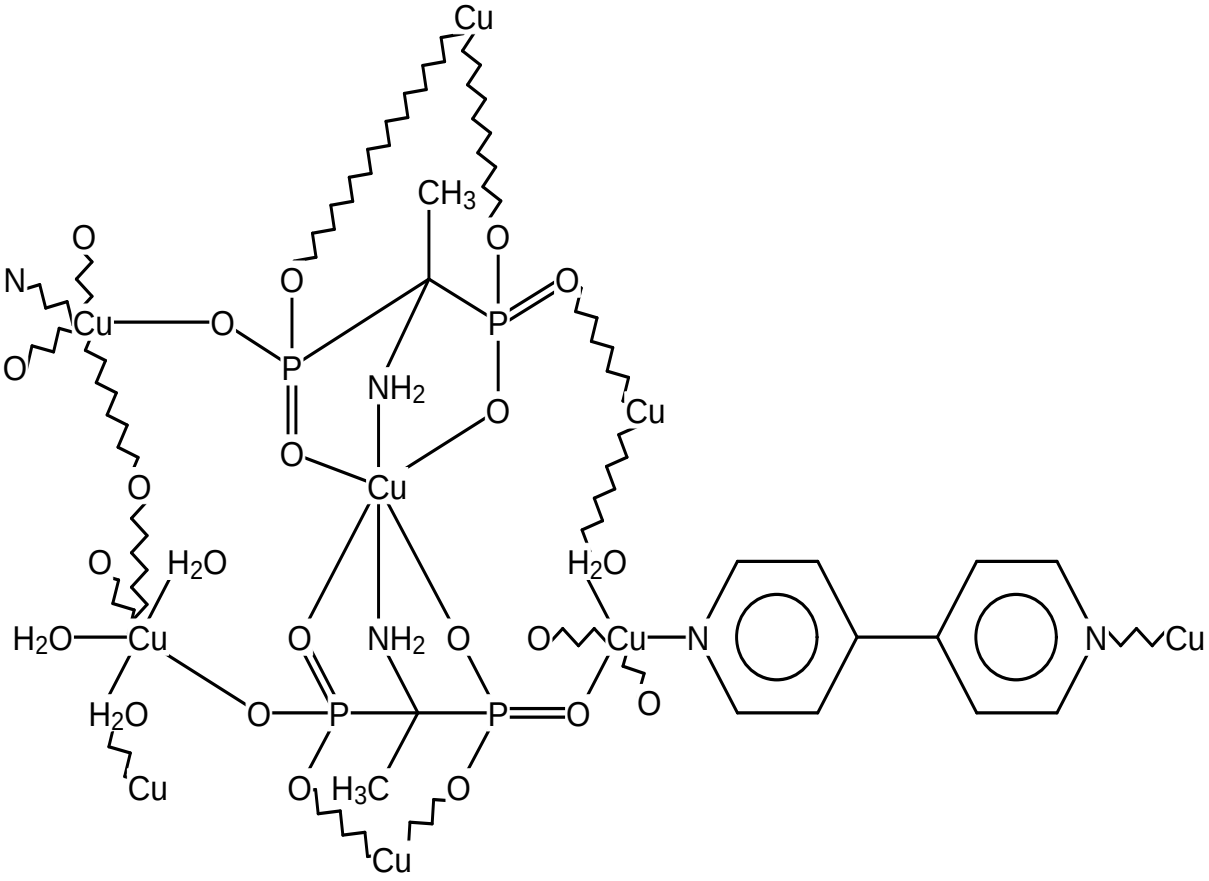
ECODUW

Reference: De-Gang Ding, Ming-Cai Yin, Hui-Jie Lu, Yao-Ting Fan, Hong-Wei Hou, Yu-Ting Wang (2006) *J.Solid State Chem. ,***179,**747

Formula: $(C_{14}\ H_{26}\ Cu_4\ N_4\ O_{16}\ P_4)n$

Compound Name: catena-(bis(μ_4-1-Aminoethylidenediphosphonito)-(μ_2-4,4'-bipyridine)-bis(μ_2-aqua)-diaqua-tetra-copper)

Space Group:	P-1	***Cell:***	***a***	8.093(1)	***b***	13.567(3)	***c***	6.219(1)
Space Group No.:	2	***(Å,°)***	α	90.55(3)	β	96.97(3)	γ	78.50(3)
R-Factor (%):	7.97	***Temperature(K):***	291		***Density(g/cm^3):***		2.212	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 519

ECOTOF

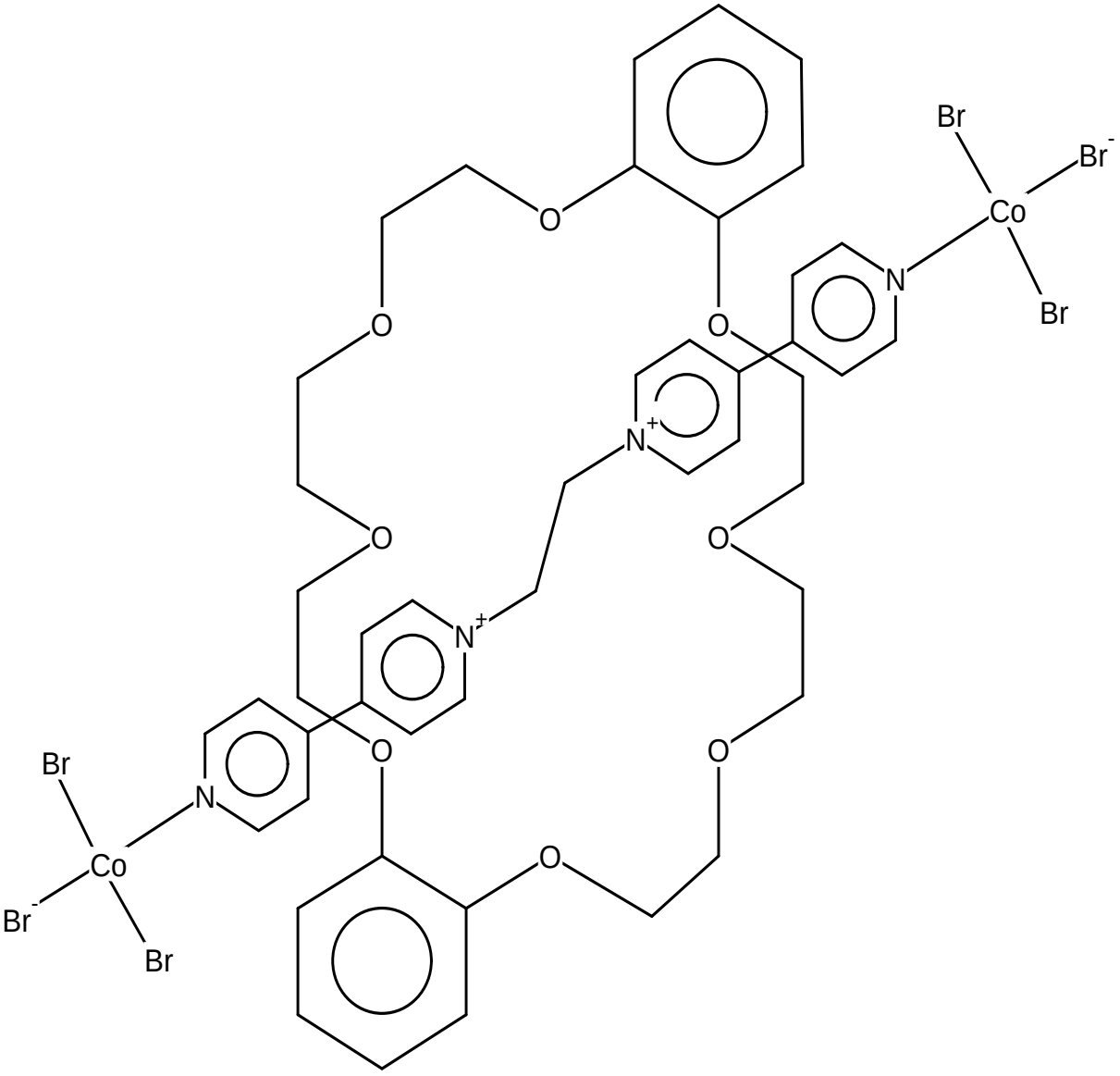
Reference: G.J.E.Davidson, S.J.Loeb, N.A.Parekh, J.A.Wisner (2001) *J.Chem.Soc.,Dalton Trans.* ,3135

Formula: $C_{22}\ H_{20}\ Br_6\ Co_2\ N_4, C_{24}\ H_{32}\ O_8$

Compound Name: (2)-(Dibenzo-24-crown-8 (μ_2-1,2-bis(4-(4'-pyridyl)pyridinio)ethane)-bis(tribromo-cobalt(ii))) rotaxane

Space Group:	Pbca	***Cell:***	***a***	17.724(0)	***b***	14.793(0)	***c*** 20.596(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 11.98 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.705



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 520

ECOTUL

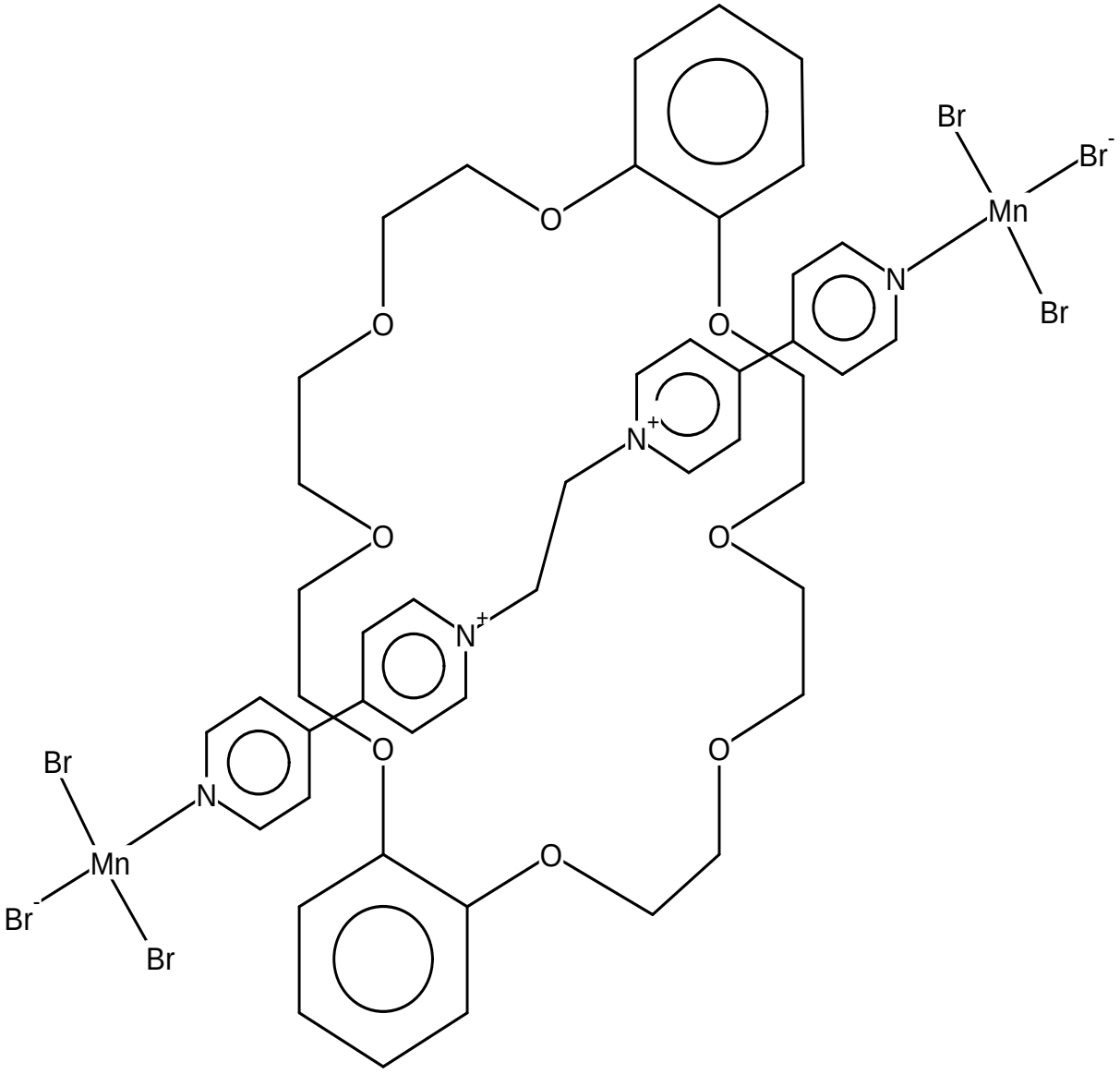
Reference: G.J.E.Davidson, S.J.Loeb, N.A.Parekh, J.A.Wisner (2001) *J.Chem.Soc.,Dalton Trans.* ,3135

Formula: $C_{22}\ H_{20}\ Br_6\ Mn_2\ N_4, C_{24}\ H_{32}\ O_8$

Compound Name: (2)-(Dibenzo-24-crown-8 (μ_2-1,2-bis(4-(4'-pyridyl)pyridinio)ethane)-bis(tribromo-manganese(ii))) rotaxane

Space Group:	Pbca	***Cell:***	***a***	17.893(2)	***b***	14.854(2)	***c*** 20.799(3)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.656



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 521

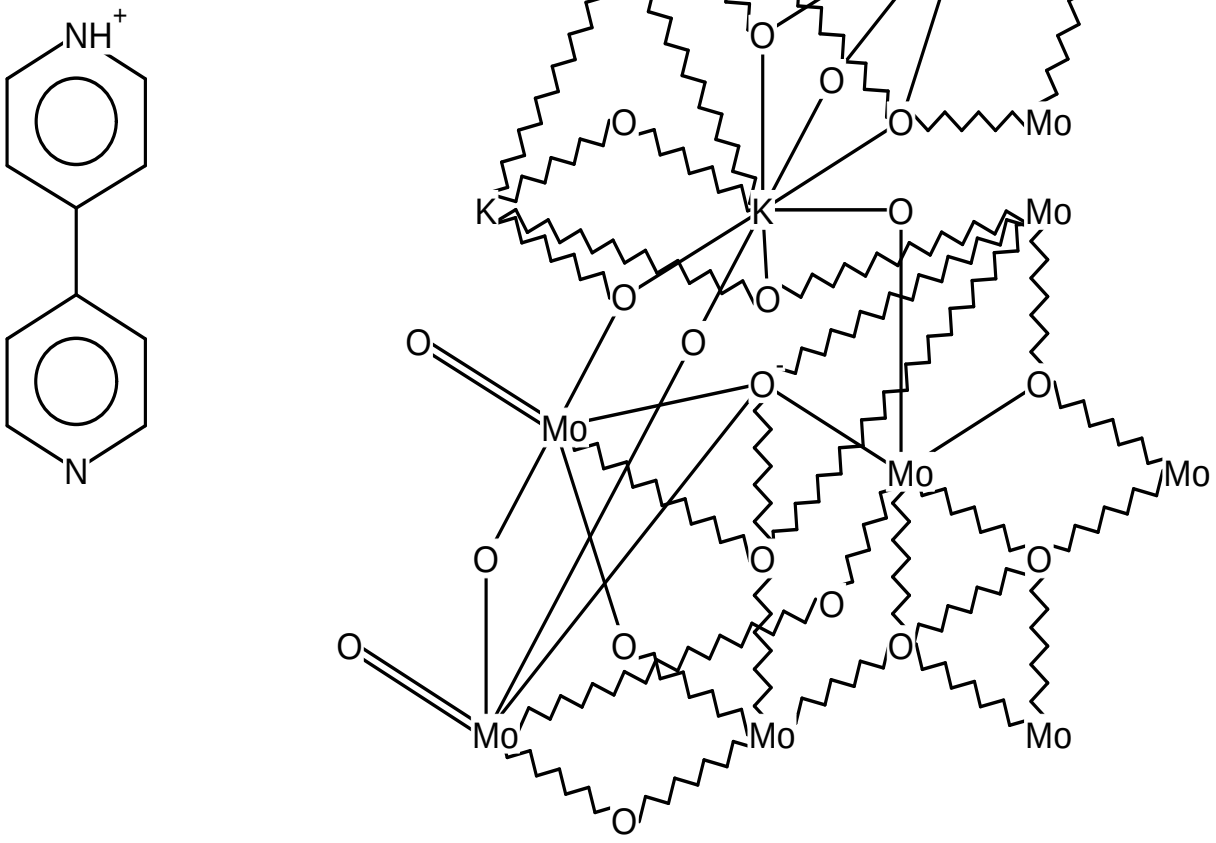
ECUZOS

Reference: Yiping Chen, Xiaomin Shen, Hanhui Zhang, Changcang Huang, Yanning Cao, Ruiqing Sun (2006) *Vibrational Spectroscopy ,***40,**142

Formula: $(K_1\ Mo_4\ O_{13}\ ^{1-})n,n(C_{10}\ H_9\ N_2\ ^{1+})$

Compound Name: catena-((β-tridecaoxotetramolybdate)-potassium bis(4,4'-bipyridinium))

Space Group:	P-1	***Cell:***	***a***	7.803(0)	***b***	9.872(0)	***c*** 13.244(0)
Space Group No.:	2	***(Å,°)***	α	99.38(0)	β	102.06(0)	γ 108.09(0)
R-Factor (%):	2.59	***Temperature(K):***	293	***Density(g/cm^3):***	2.847		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 522

EDADIX

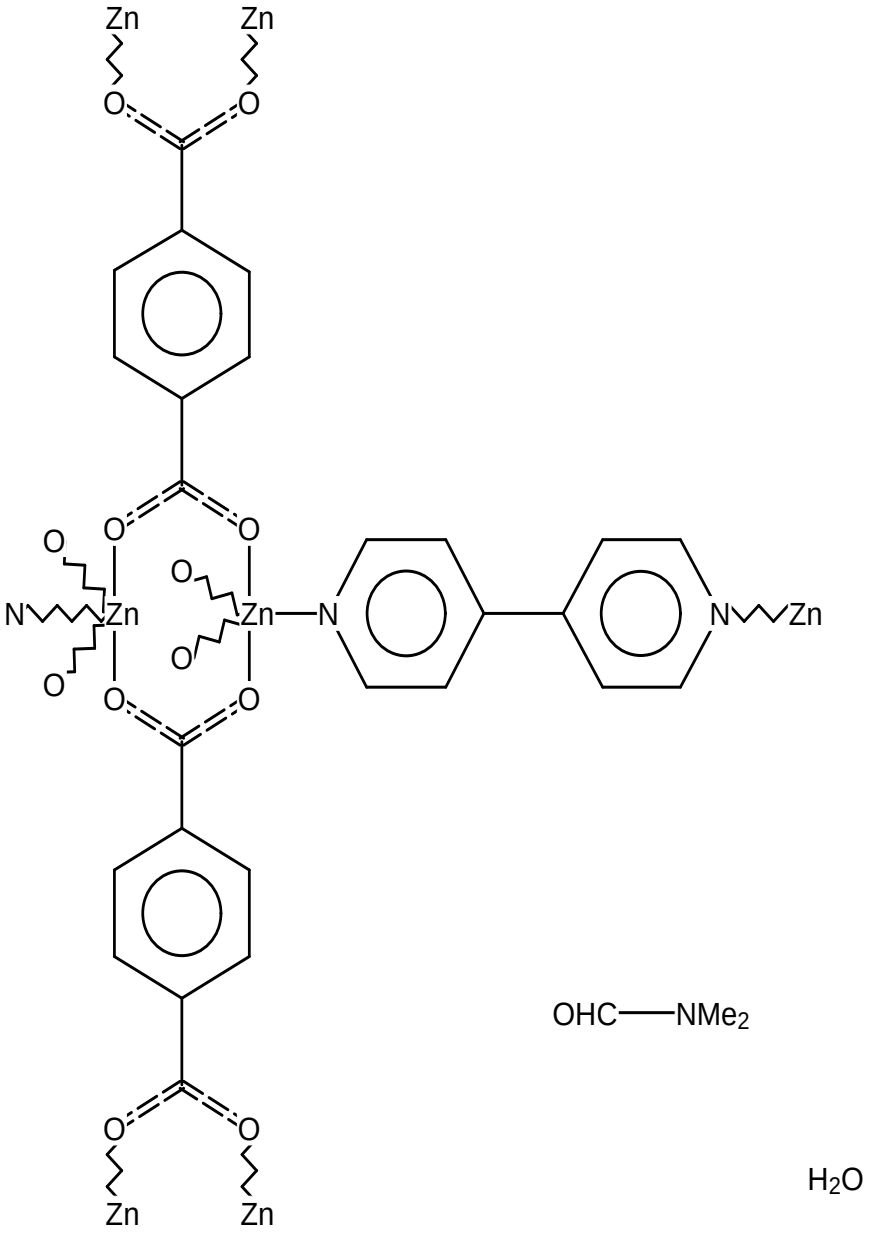
Reference: Banglin Chen, Chengdu Liang, Jun Yang, D.S.Contreras, Y.L.Clancy, E.B.Lobkovsky, O.M.Yaghi, Sheng Dai (2006) *Angew.Chem.,Int.Ed. ,***45,**1390

Formula: $(C_{26}\ H_{16}\ N_2\ O_8\ Zn_2)n,2n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-1,4-Benzenedicarboxylato)-(μ_2-4,4'-bipyridiine)-di-zinc dimethylformamide solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	10.880(3)	***b***	10.918(3)	***c***	14.122(4)
Space Group No.:	2	***(Å,°)***	α	89.34(1)	β	89.17(1)	γ	78.38(1)

R-Factor (%): 6.55 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.575



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 523

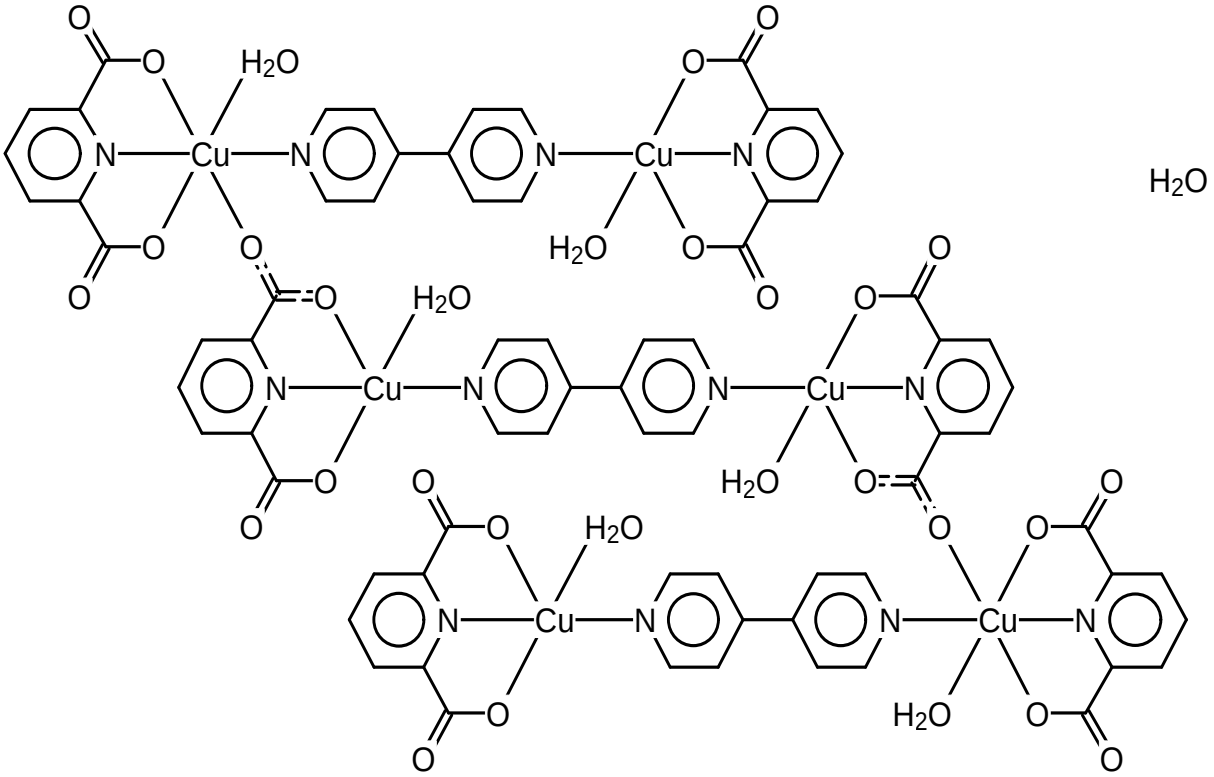
EDAHUN

Reference: S.C.Manna, J.Ribas, E.Zangrando, N.R.Chaudhuri (2007) *Inorg.Chim.Acta* ,**360,**2589

Formula: $C_{72}\ H_{54}\ Cu_6\ N_{12}\ O_{30}$,3.5($H_2\ O_1$)

Compound Name: tris(μ_2-4,4'-Bipyridyl)-bis(μ_2-pyridine-2,6-dicarboxylato)-tetrakis(pyridine-2,6-dicarboxylato)-hexa-aqua-hexa-copper(ii) hydrate

Space Group:	P-1	***Cell:***	***a***	10.668(3)	***b***	10.656(3)	***c*** 18.672(4)
Space Group No.:	2	***(Å,°)***	α	86.03(3)	β	84.61(2)	γ 63.60(2)
R-Factor (%):	5.92	***Temperature(K):***	293		***Density(g/cm^3):***		1.766



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 524

EDEREK

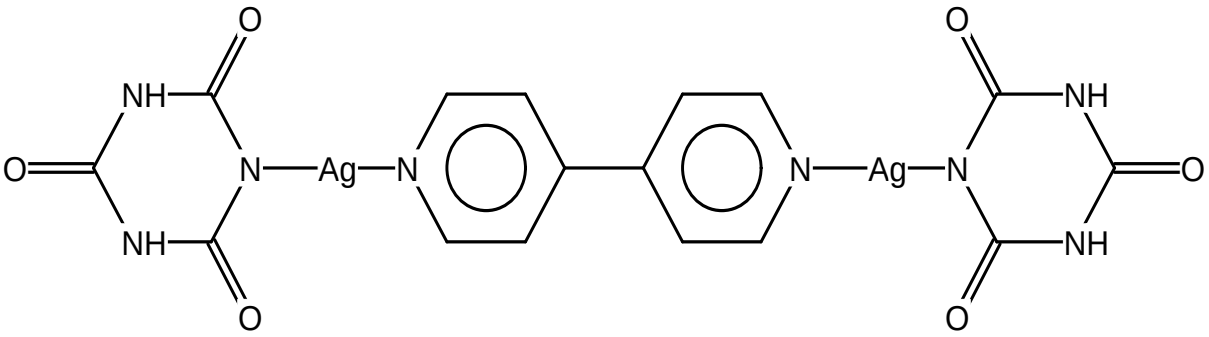
Reference: K.Sivashankar, A.Ranganathan, V.R.Pedireddi (2000)
*Proc.Indian Acad.Sci.,Chem.Sci. ,***112,**147

Formula: $C_{16}\ H_{12}\ Ag_2\ N_8\ O_6$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(isocyanurato)-di-silver(i)

Space Group:	P21/n	***Cell:***	***a***	13.089(2)	***b*** 4.586(1)	***c***	15.996(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.75(1)	γ	90.00

R-Factor (%): 5.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.246



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 525

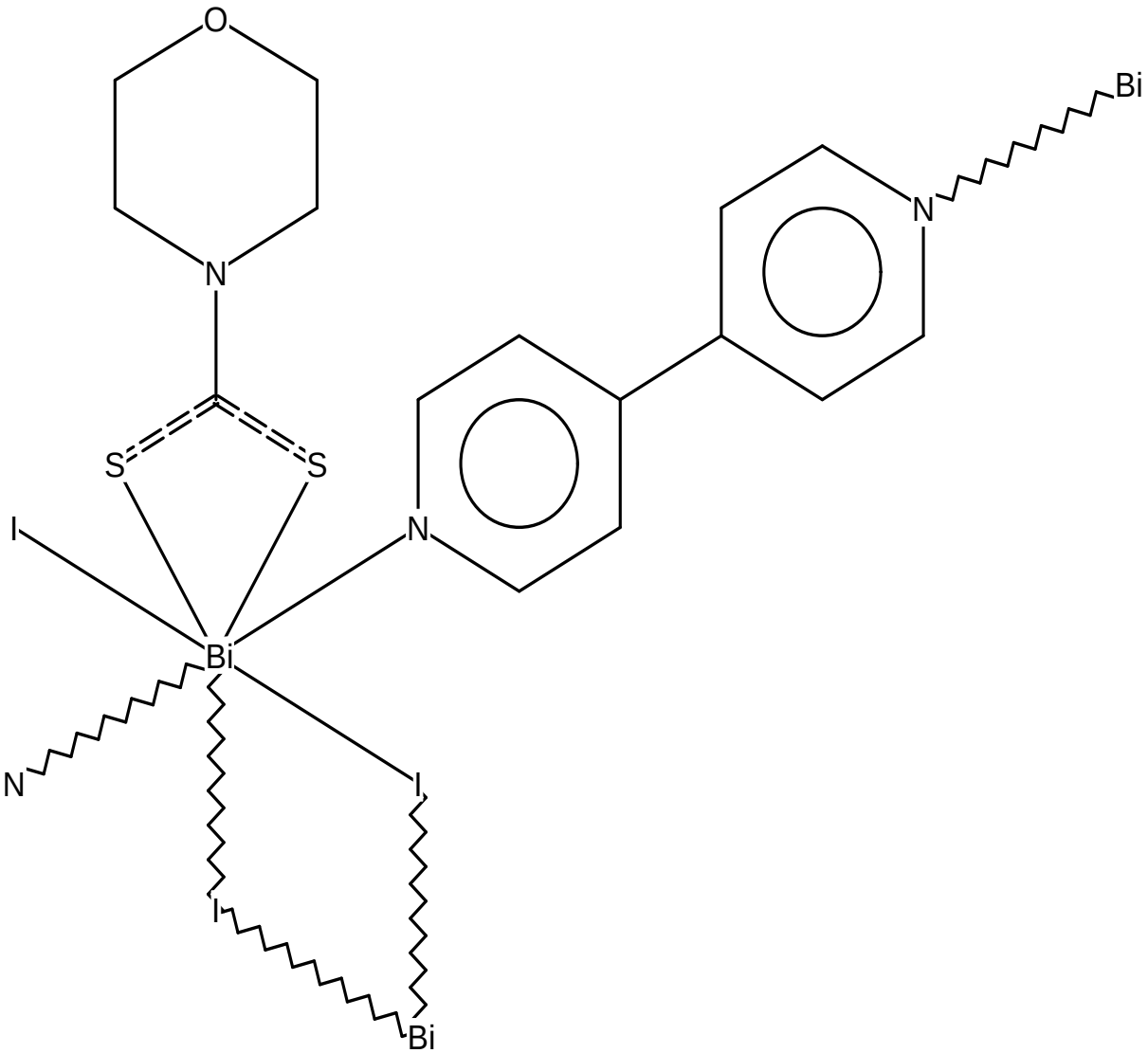
EDICUQ

Reference: Handong Yin, Feng Li, Fahui Li, Daqi Wang (2006) *J.Inorg.Organomet.Polym.Mater. ,***16,**161

Formula: $(C_{15}\ H_{16}\ Bi_1\ I_2\ N_3\ O_1\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-iodo)-iodo-(morpholinocarbodithioato)-bismuth(iii))

Space Group:	P-1	***Cell:***	***a***	8.846(6)	***b***	9.526(6)	***c*** 12.650(9)
Space Group No.:	2	***(Å,°)***	α	84.11(1)	β	87.56(1)	γ 84.04(1)
R-Factor (%):	9.36	***Temperature(K):***	293		***Density(g/cm^3):***		2.461



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 526

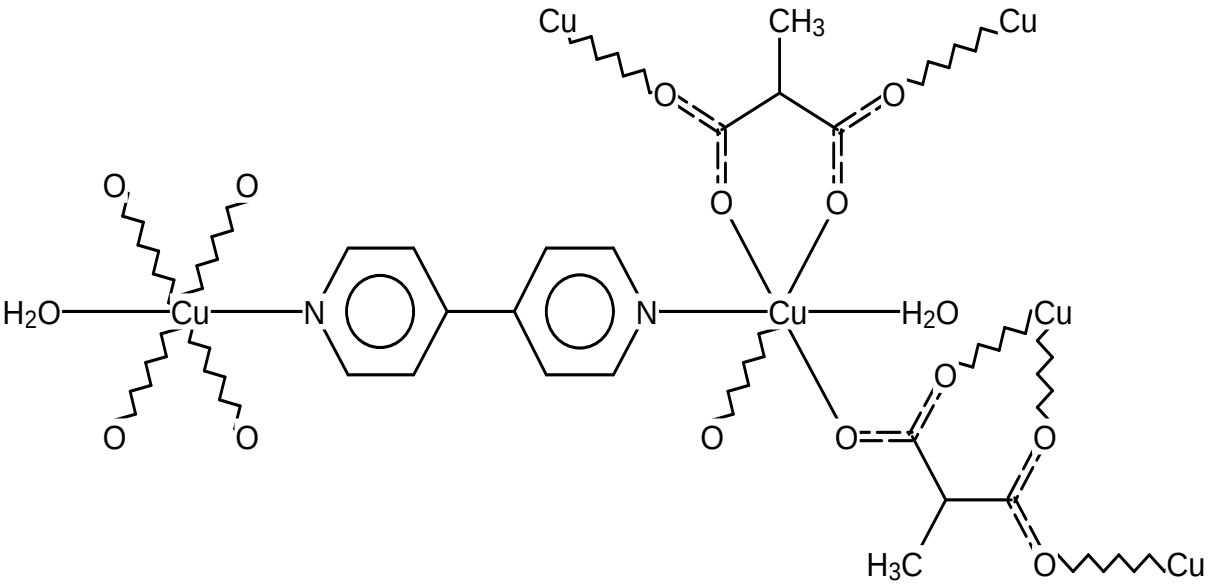
EDOKAK

Reference: J.Pasan, J.Sanchiz, F.Lloret, M.Julve, C.Ruiz-Perez (2007) *CrystEngComm* ,**9,**478

Formula: $(C_{18}\ H_{20}\ Cu_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_3-methylmalonato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-aqua-di-copper(ii))

Space Group:	P21/n	***Cell:***	***a***	7.240(0)	***b***	19.404(1)	***c*** 7.389(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.84(0)	γ 90.00
R-Factor (%):	5.97	***Temperature(K):***	293		***Density(g/cm^3):***	1.765	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 527

EDOMAM

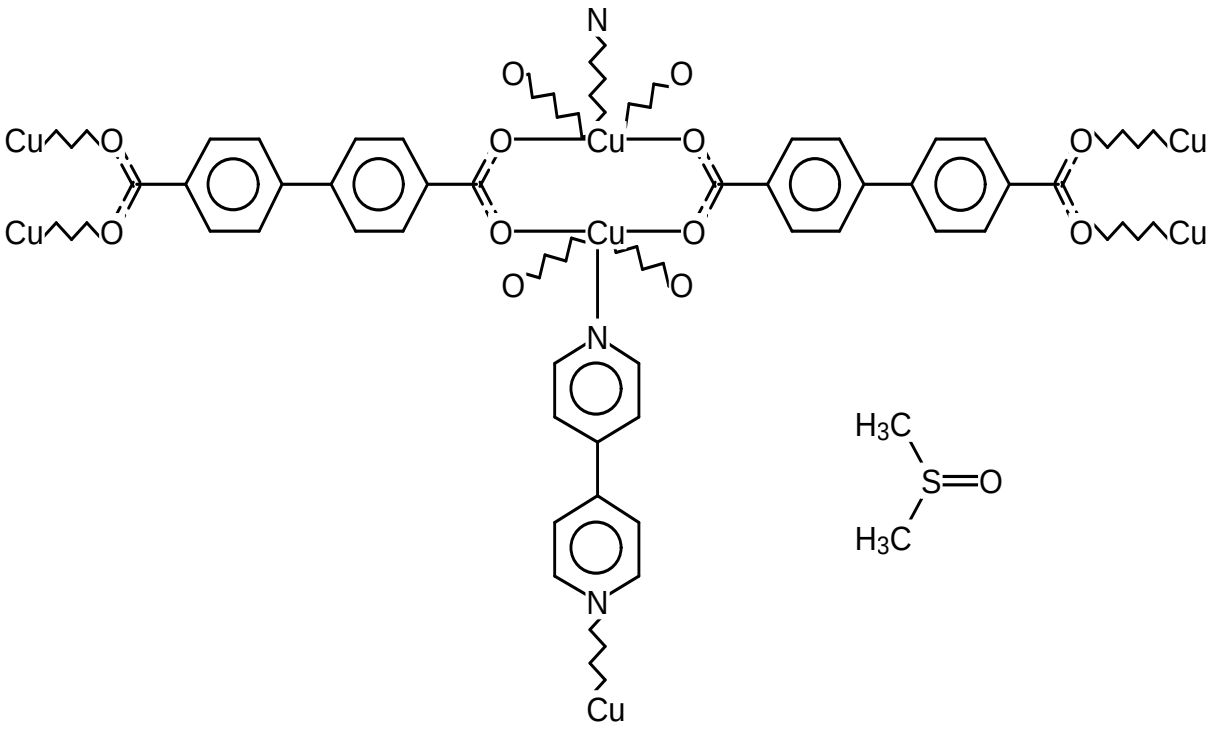
Reference: A.Pichon, C.M.Fierro, M.Nieuwenhuyzen, S.L.James (2007) *CrystEngComm* ,**9,**449

Formula: $(C_{38}\ H_{24}\ Cu_2\ N_2\ O_8)n,5.7n(C_2\ H_6\ O_1\ S_1)$

Compound Name: catena-(bis(μ_4-biphenyl-4,4'-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-di-copper(ii) dimethylsulfoxide solvate)

Space Group:	P-1	***Cell:***	***a*** 13.941(3)	***b*** 15.075(3)	***c*** 15.075(3)
Space Group No.:	2	***(Å,°)***	α 82.15(3)	β 87.23(3)	γ 87.23(3)

R-Factor (%): 14.25 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.282



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 528

EDOREU

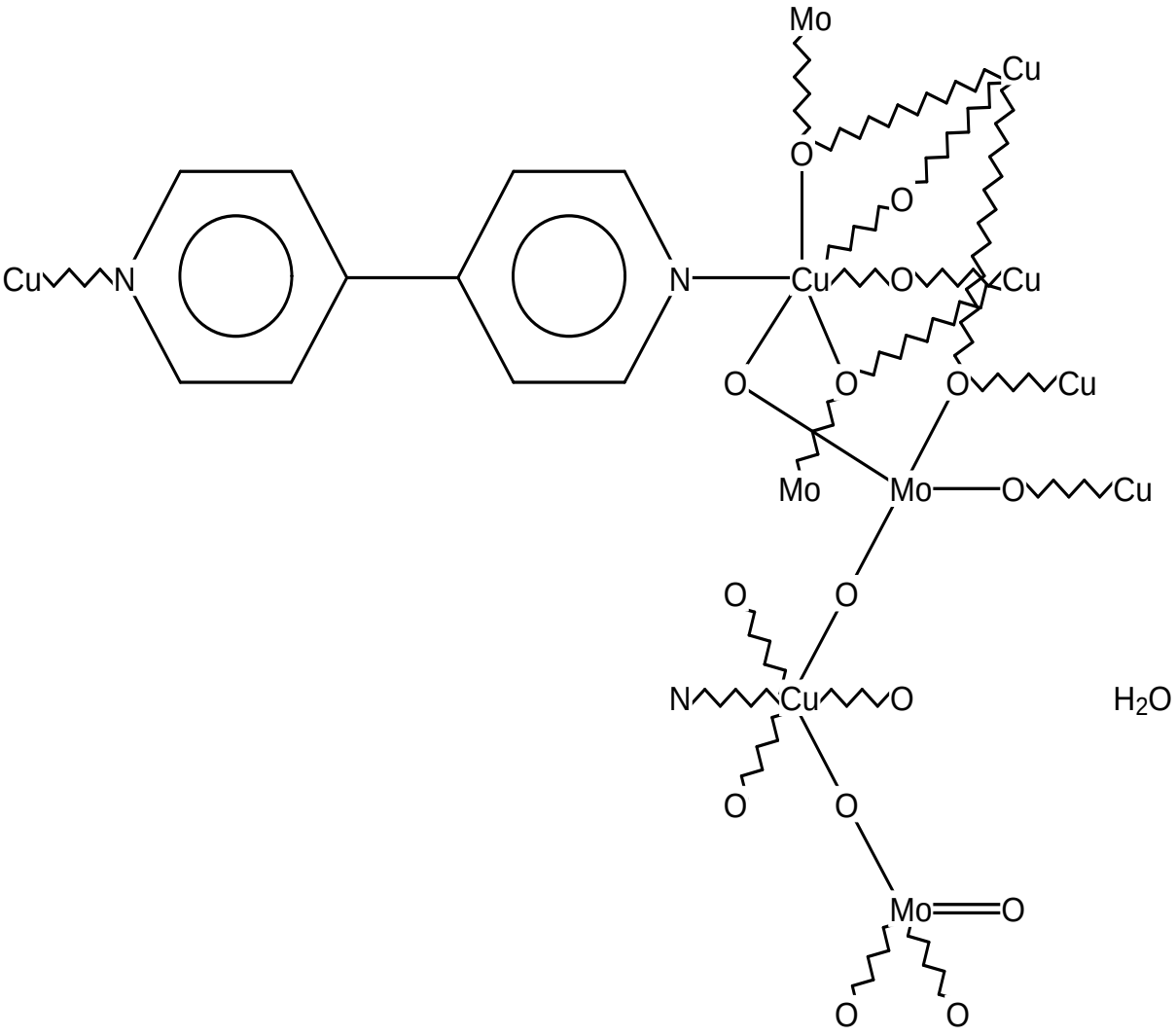
Reference: Can-Zhong Lu, Chuan-De Wu, Shao-Fang Lu, Jia-Cheng Liu, Qiang-Jin Wu, Hong-Hui Zhuang, Jin-Shun Huang (2002) *Chem.Commun.* ,152

Formula: $(C_{10}\ H_8\ Cu_2\ Mo_2\ N_2\ O_8)n,3n(H_2\ O_1)$

Compound Name: catena-(tris(μ_3-Oxo)-(μ_2-4,4'-bipyridyl-N,N')-tetrakis(μ_2-oxo)-oxo-di-copper(ii)-di-molybdenum trihydrate)

Space Group:	P-1	***Cell:***	***a***	7.449(0)	***b***	9.258(0)	***c*** 13.933(0)
Space Group No.:	2	***(Å,°)***	α	71.99(0)	β	89.75(0)	γ 73.64(0)

R-Factor (%): 5.55 ***Temperature(K):*** 293 ***Density(g/cm3):*** 2.500



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 529

EDOREU01

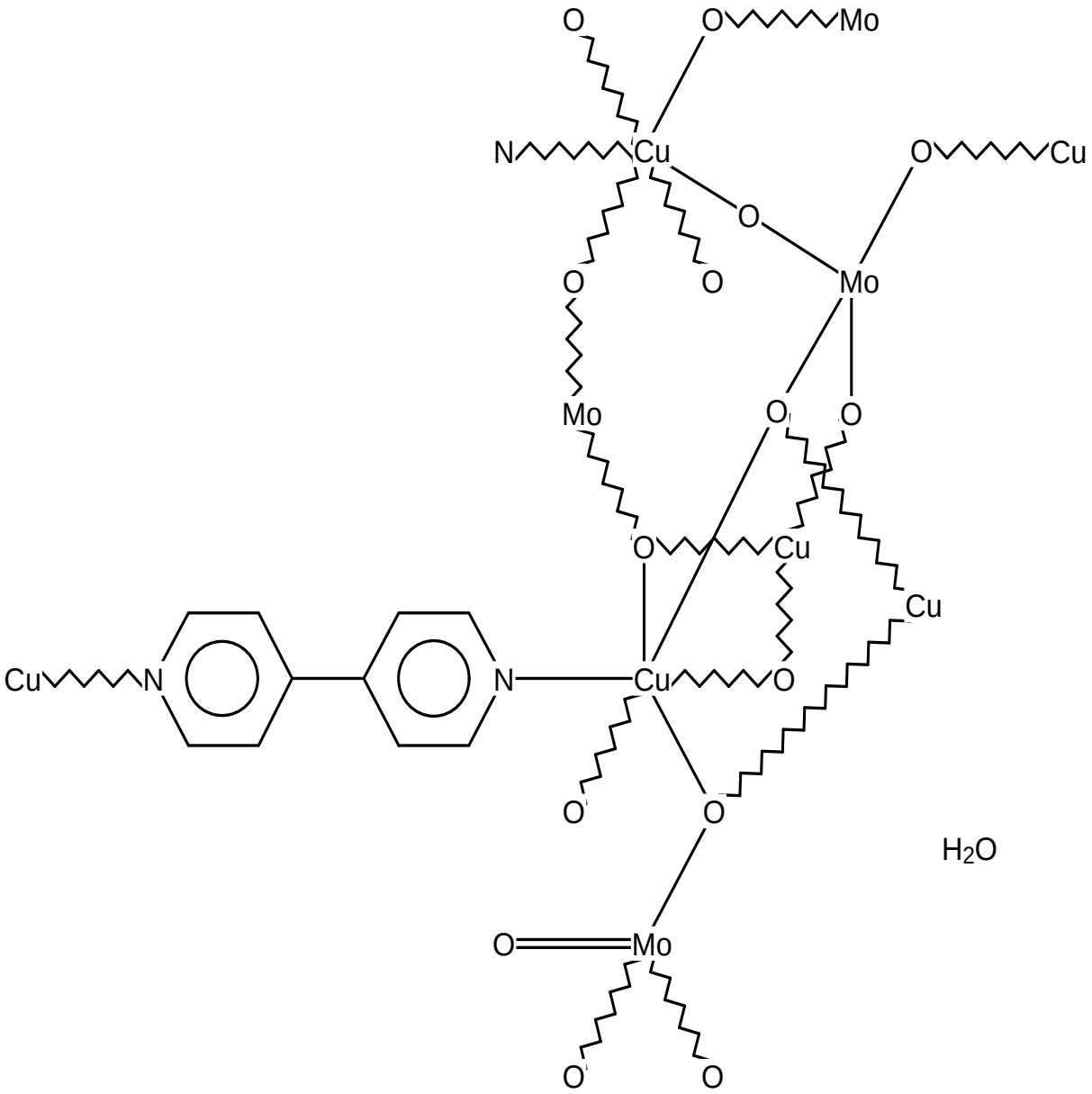
Reference: R.S.Rarig Junior, R.Lam, P.Y.Zavalij, J.K.Ngala, R.L.LaDuca Junior, J.E.Greedan, J.Zubieta (2002) *Inorg.Chem.* ,**41,** 2124

Formula: $(C_{10}\ H_8\ Cu_2\ Mo_2\ N_2\ O_8)n,3n(H_2\ O_1)$

Compound Name: catena-(tris(μ_3-Oxo)-(μ_2-4,4'-bipyridyl-N,N')-tetrakis(μ_2-oxo)-oxo-di-copper(ii)-di-molybdenum trihydrate)

Space Group:	P-1	***Cell:***	***a***	7.427(0)	***b***	9.231(0)	***c*** 13.881(1)
Space Group No.:	2	***(Å,°)***	α	71.41(0)	β	88.53(0)	γ 73.65(0)

R-Factor (%): 5.20 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 2.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 530

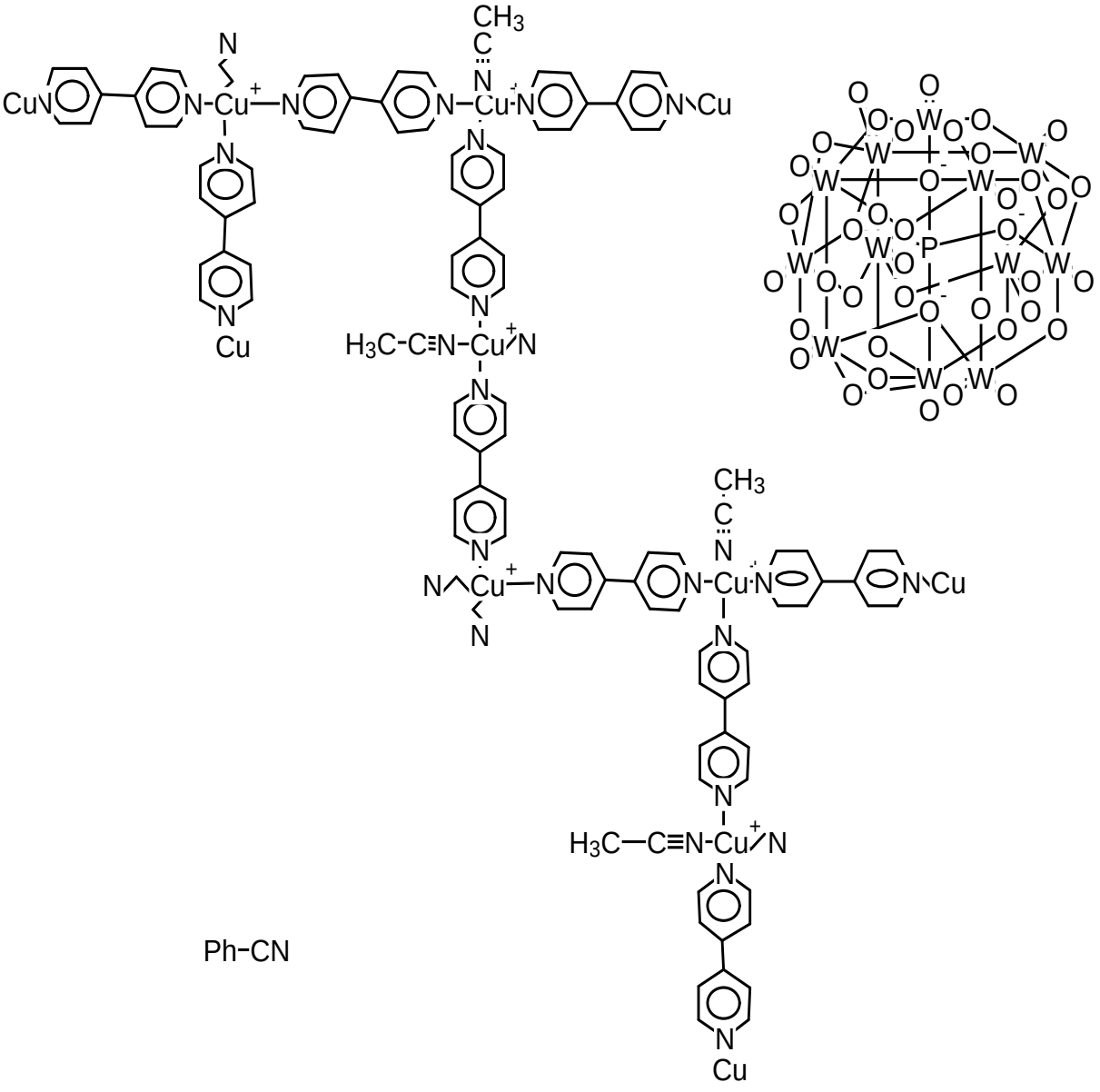
EDORIY

Reference: C.Inman, J.M.Knaust, S.W.Keller (2002) *Chem.Commun.* , 156

Formula: $(C_{108}\ H_{92}\ Cu_6\ N_{24}\ ^{6+})n,2n(O_{40}\ P_1\ W_{12}\ ^{3-}),4n(C_7\ H_5\ N_1)$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine)-bis(acetonitrile)-tri-copper(i) phosphododecatungstate benzonitrile solvate)

Space Group:	C2/c	***Cell:***	***a***	51.552(2)	***b***	14.189(0)	***c*** 34.430(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	130.98(0)	γ 90.00
R-Factor (%):	5.13	***Temperature(K):***	173		***Density(g/cm^3):***		2.891



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 531

EDOZAY

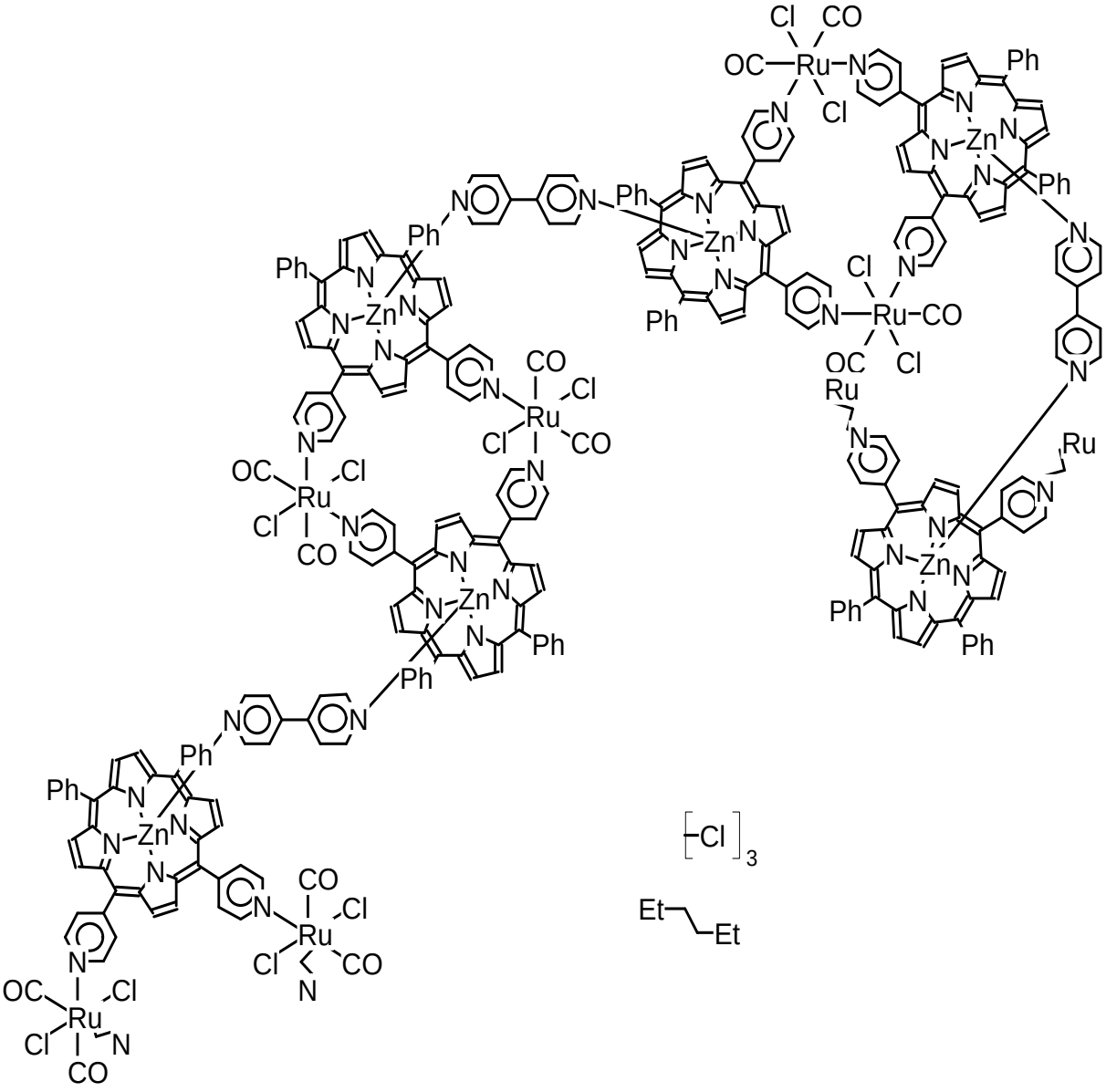
Reference: E.Iengo, E.Zangrando, R.Minatel, E.Alessio (2002) *J.Am.Chem.Soc. ,***124,**1003

Formula: $(C_{294}\ H_{180}\ Cl_{12}\ N_{42}\ O_{12}\ Ru_6\ Zn_6)n,11n(C_1\ H_1\ Cl_3),n(C_6\ H_{14})$

Compound Name: catena-(hexakis((μ_3-cis-5,10-bis(4'-Pyridyl)-15,20-diphenylporphyrinato)-tris(μ_2-4,4'-bipyridyl)-hexakis(cis-dicarbonyl-trans-dichloro-ruthenium(ii)-zinc)) chloroform n-hexane solvate)

Space Group:	P-1	***Cell:***	***a*** 17.272(4)	***b*** 23.772(5)	***c*** 25.077(5)
Space Group No.:	2	***(Å,°)***	α 87.54(2)	β 84.13(2)	γ 76.96(2)

R-Factor (%): 8.65 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.218



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 532

EDUNIB

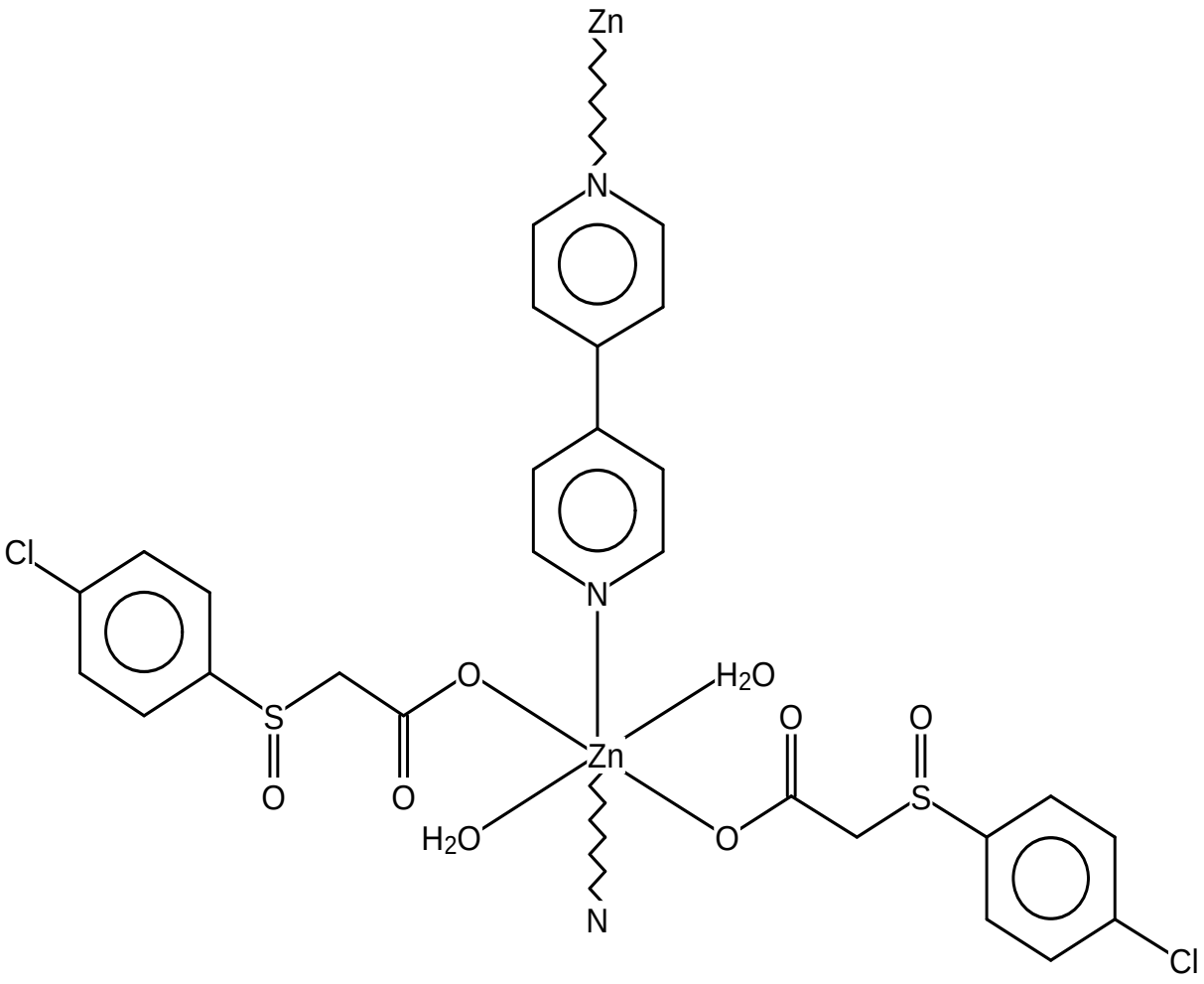
Reference: Yan-Jun Hou, Bai-Yan Li, Ying-Hui Yu, Zhi-Zhong Sun, Guang-Feng Hou (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **63,**m1838

Formula: $(C_{26}\ H_{24}\ Cl_2\ N_2\ O_8\ S_2\ Zn_1)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-κ^2N:N')-bis((4-chlorophenylsulfinyl)acetato-κO)-diaqua- zinc(ii)]

Space Group:	Fdd2	***Cell:***	***a***	20.194(5)	***b***	25.528(8)	***c***	11.458(6)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.41 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.558



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 533

EDUNOH

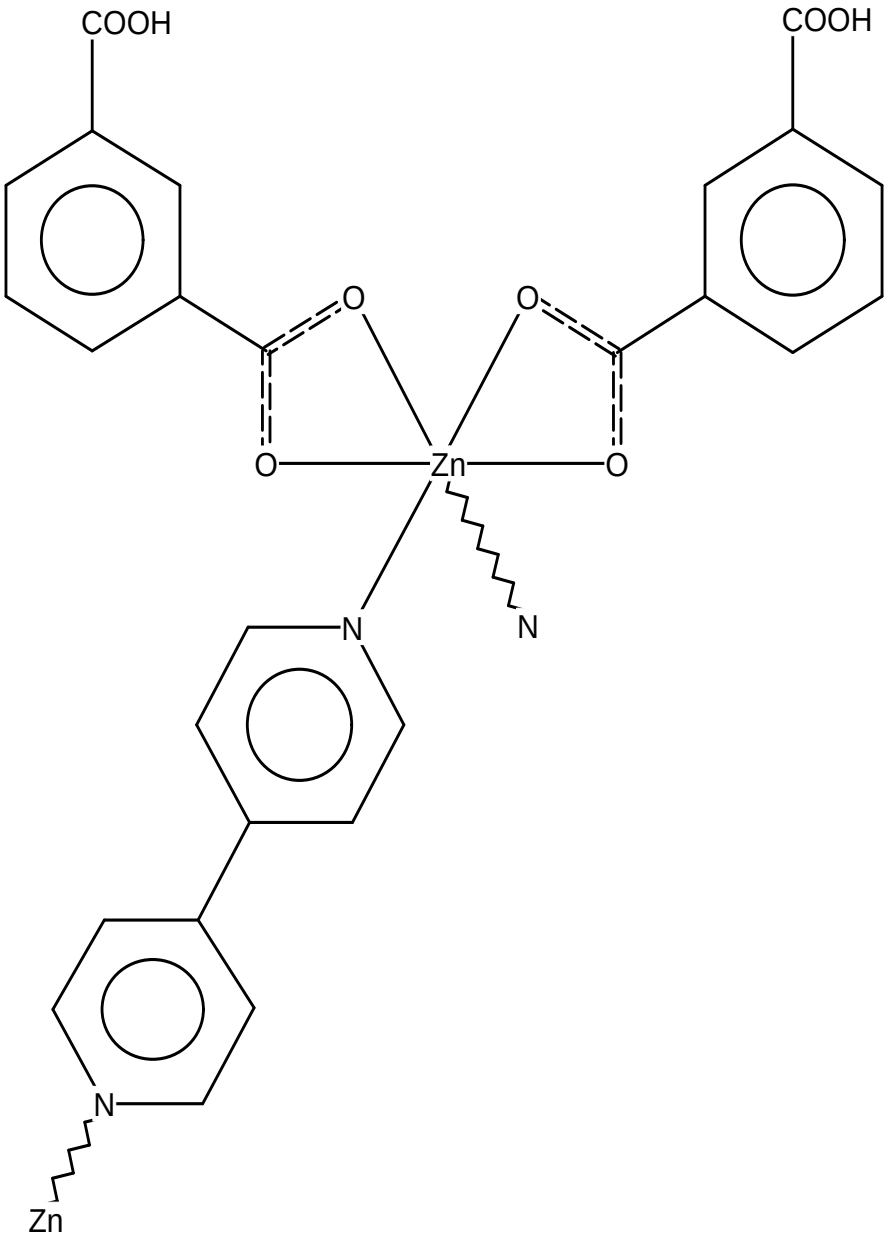
Reference: Xiu-Mei Li, Yan-Hui Dong, Qing-Wei Wang, Bo Liu (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1839

Formula: $(C_{26}\ H_{18}\ N_2\ O_8\ Zn_1)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-κ^2N:N')-bis(3-carboxybenzene-1-carboxylato-κ^2O,O')-zinc(ii)]

Space Group:	C2/c	***Cell:***	***a***	20.940(3)	***b***	9.608(1)	***c***	14.794(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	125.88(0)	γ	90.00

R-Factor (%): 3.28 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.520



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 534

EDUPAV

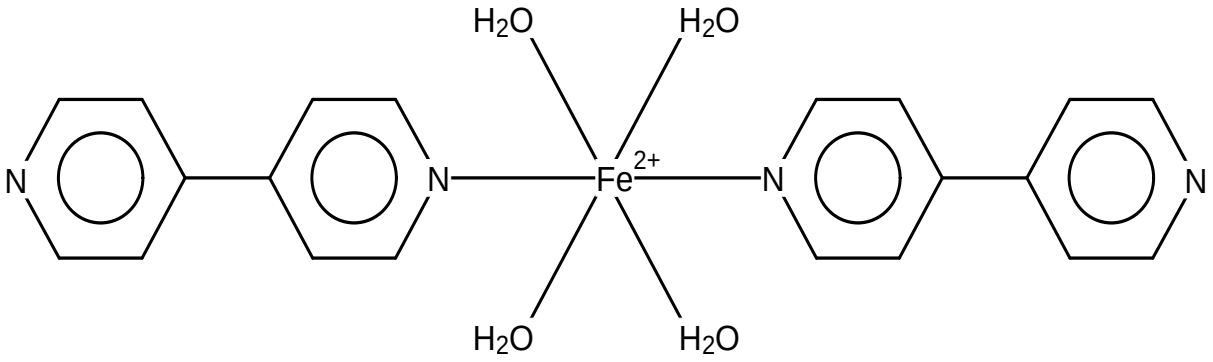
Reference: Yu-Xiang Gao, Li-Bin Wang, Yan-Ling Niu (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1845

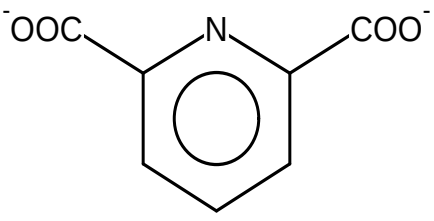
Formula: $C_{20}\ H_{24}\ Fe_1\ N_4\ O_4\ ^{2+},C_7\ H_3\ N_1\ O_4\ ^{2-},4(H_2\ O_1)$

Compound Name: Tetraaqua-bis(4,4'-bipyridine)-iron(ii) pyridine-2,6-dicarboxylate tetrahydrate

Space Group:	Cc	***Cell:***	***a***	18.201(1)	***b***	6.900(1)	***c*** 25.010(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	99.40(3)	γ 90.00

R-Factor (%): 3.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.452





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 535

EFANIJ

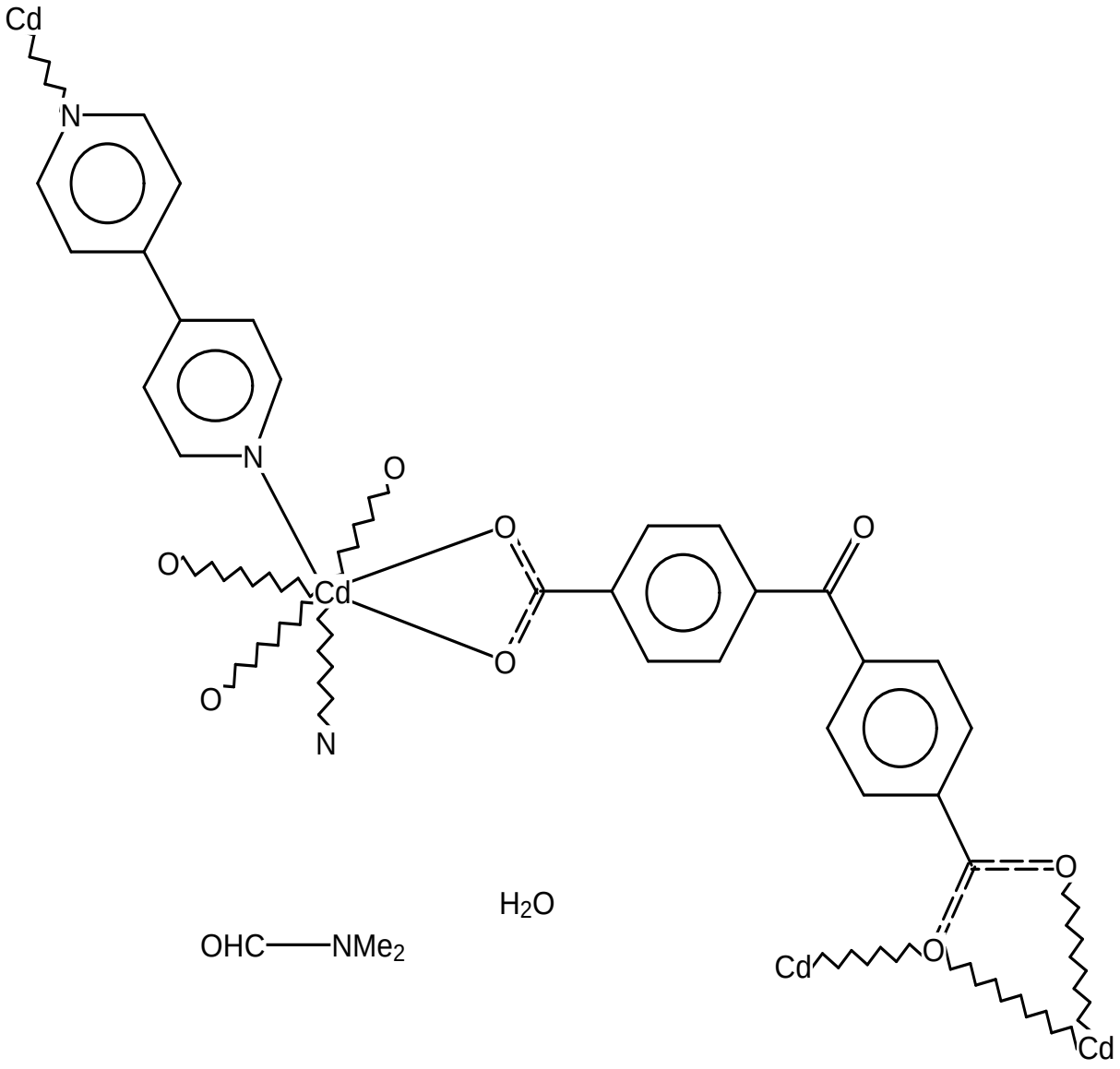
Reference: D.Tanaka, K.Nakagawa, M.Higuchi, S.Horike, Y.Kubota, T.C.Kobayashi, M.Takata, S.Kitagawa (2008) *Angew.Chem.,Int.Ed. ,* **47,**3914

Formula: $(C_{25}\ H_{16}\ Cd_1\ N_2\ O_5)n,n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-[(μ_3-Benzophenone-4,4'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-cadmium dimethylformamide monohydrate clathrate]

Space Group:	C2/c	***Cell:***	***a***	15.520(30)	***b*** 11.790(20)	***c***	30.920(60)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.87(2)	γ	90.00

R-Factor (%): 4.50 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.519



Search: search1 (Thu May 26 10:05:42 2011): Hit 536

EFANOP

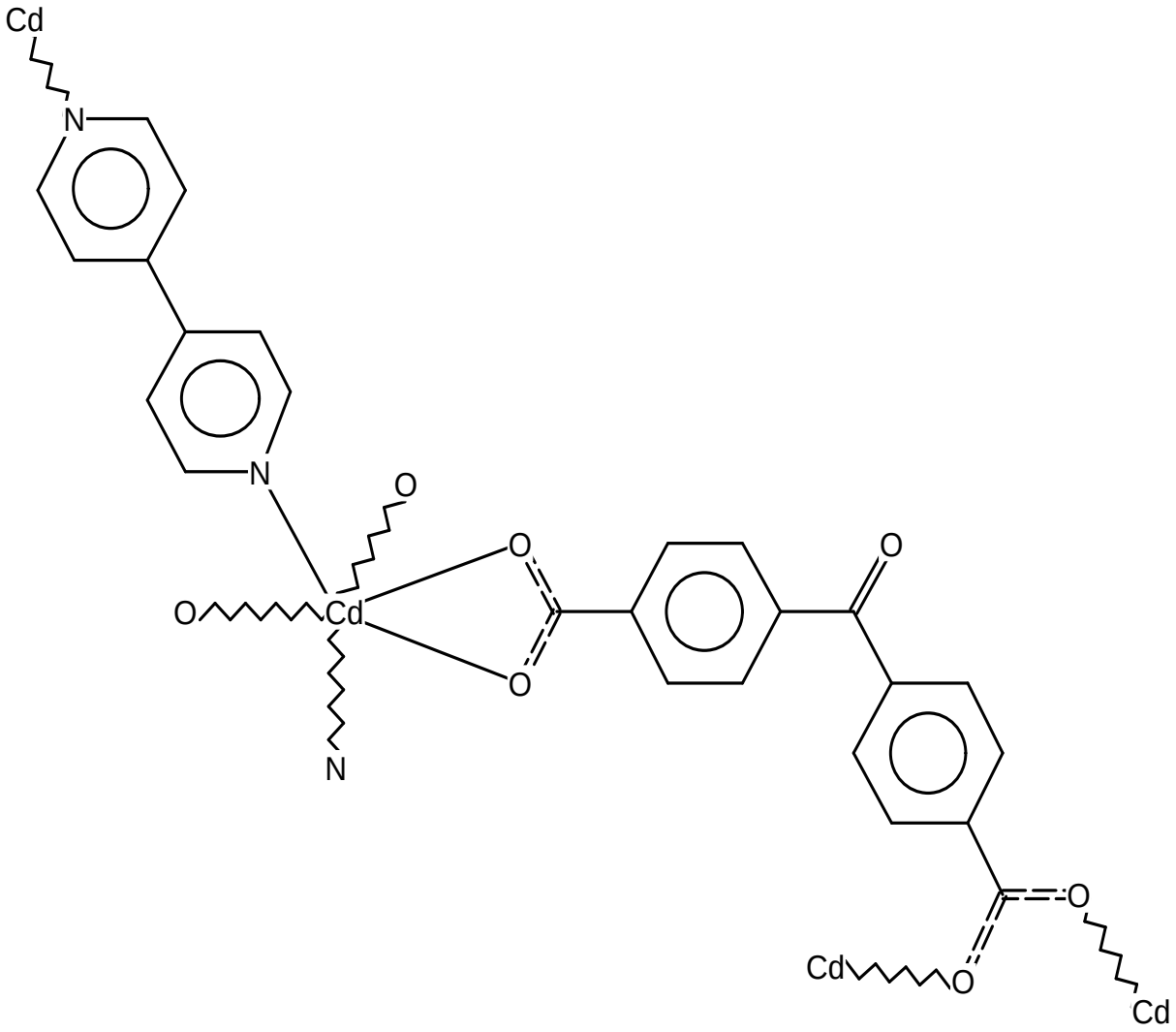
Reference: D.Tanaka, K.Nakagawa, M.Higuchi, S.Horike, Y.Kubota, T.C.Kobayashi, M.Takata (2008) *Angew.Chem.,Int.Ed. ,***47,**3914

Formula: $(C_{25}\ H_{16}\ Cd_1\ N_2\ O_5)n$

Compound Name: catena-[(μ_3-Benzophenone-4,4'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-cadmium]

Space Group:	P21/a	***Cell:***	***a***	13.758(7)	***b*** 11.753(5)	***c***	15.648(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.59(0)	γ	90.00

R-Factor (%): 9.97 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.515



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 537

EFOKUF

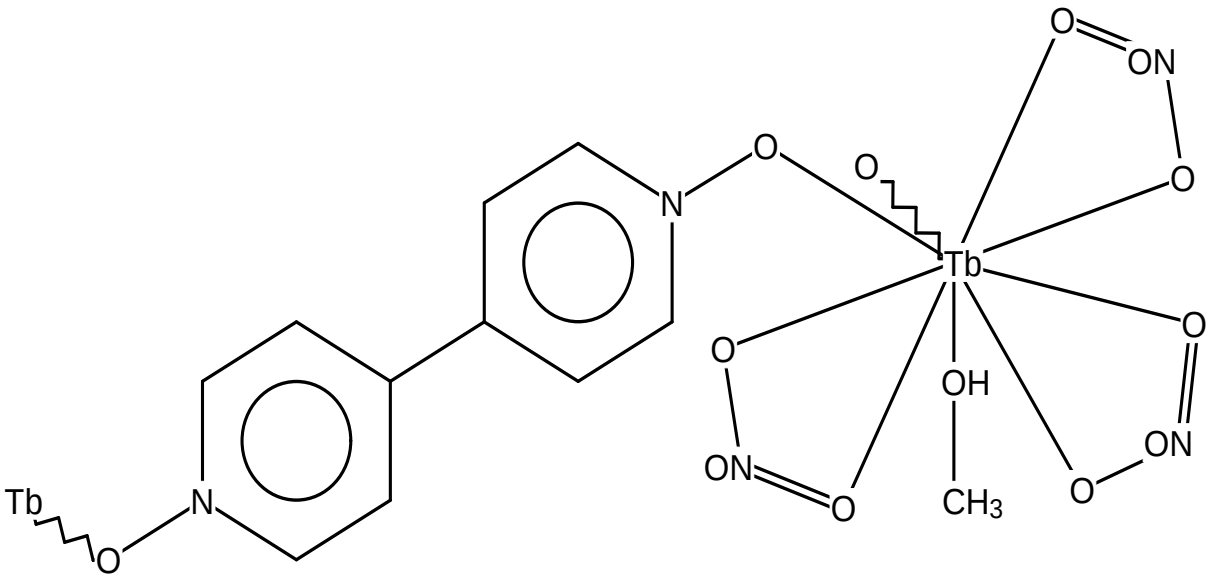
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2002) *Chem.-Eur.J.* ,**8,**2026

Formula: $(C_{11}\ H_{12}\ N_5\ O_{12}\ Tb_1)n$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N'-dioxide)-(methanol)-tris(nitrato)-terbium(iii))

Space Group:	C2/c	***Cell:***	***a***	15.228(2)	***b*** 8.300(0)	***c***	13.996(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 92.70(0)	γ	90.00

R-Factor (%): 2.70 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.124



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 538

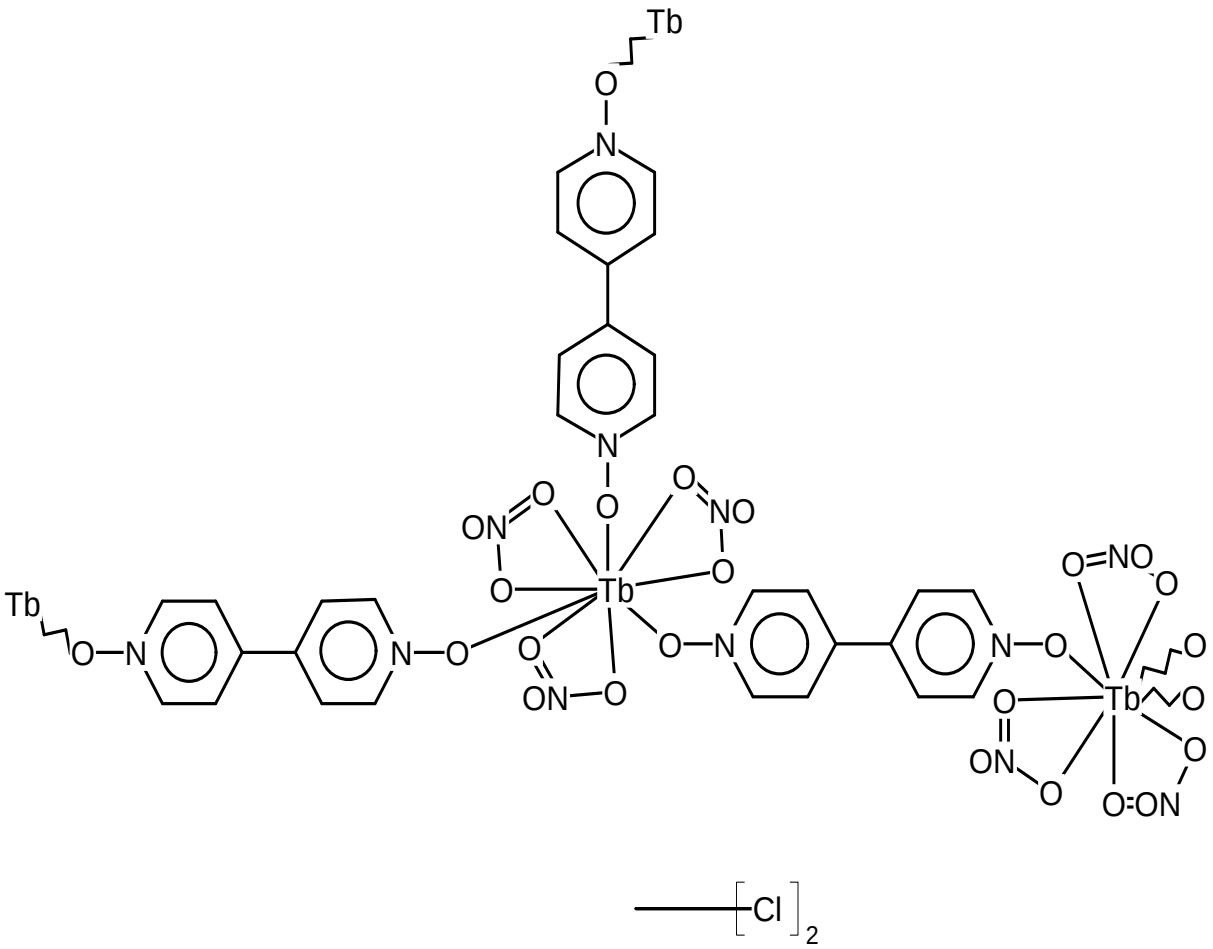
EFOLAM

Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2002) *Chem.-Eur.J.* ,**8,**2026

Formula: $(C_{30}\ H_{24}\ N_{12}\ O_{24}\ Tb_2)n,2n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N'-dioxide)-hexakis(nitrato)-di-terbium(iii)) dichloromethane clathrate

Space Group:	P-1	***Cell:***	***a***	8.086(2)	***b*** 11.769(3)	***c***	13.078(2)
Space Group No.:	2	***(Å,°)***	α	86.80(2)	β 79.52(2)	γ	78.79(2)
R-Factor (%):	5.30	***Temperature(K):***	298		***Density(g/cm^3):***		1.971



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 539

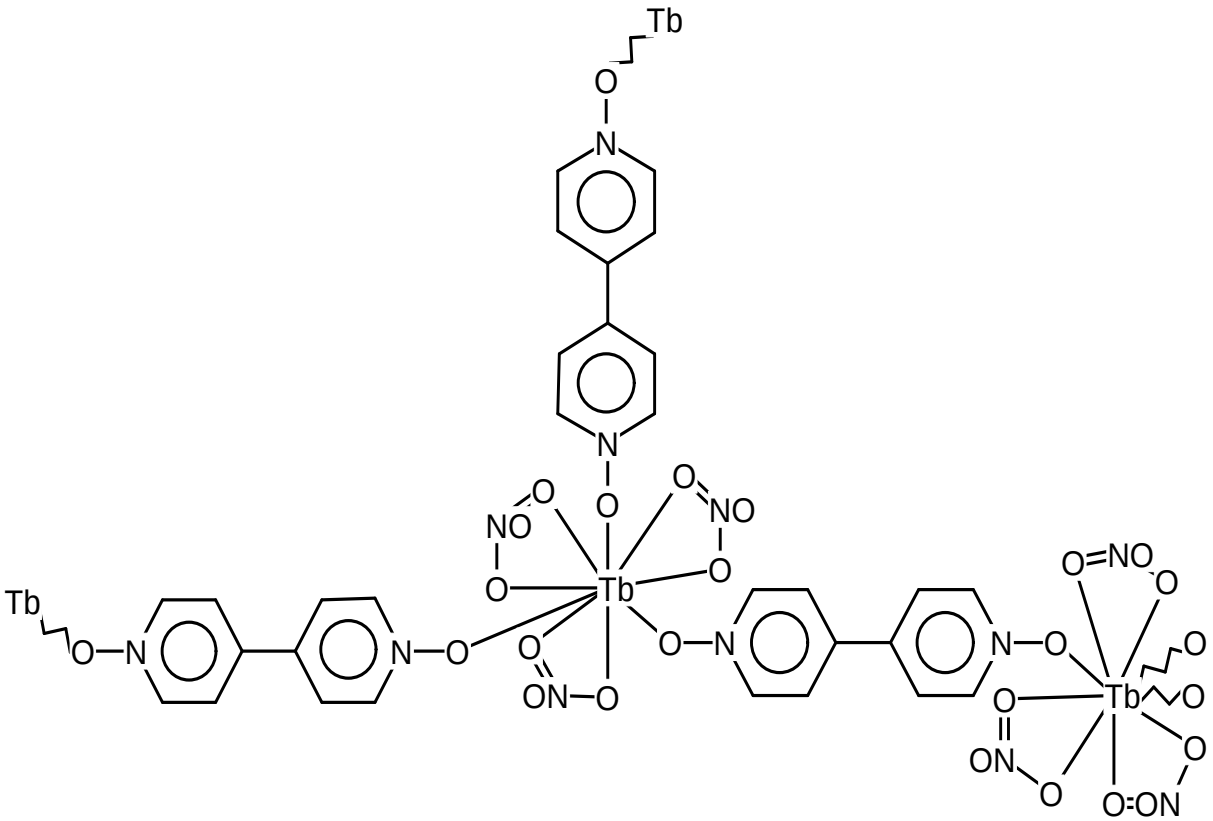
EFOLEQ

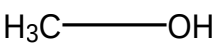
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2002) *Chem.-Eur.J.* ,**8,**2026

Formula: $(C_{30}\ H_{24}\ N_{12}\ O_{24}\ Tb_2)n,2n(C_1\ H_4\ O_1),1.6n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N'-dioxide)-hexakis(nitrato)-di-terbium(iii) methanol solvate hydrate)

Space Group:	P-421c	***Cell:***	***a***	26.304(6)	***b***	26.304(6)	***c*** 7.580(2)
Space Group No.:	114	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	8.80	***Temperature(K):***	150		***Density(g/cm^3):***		1.706





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 540

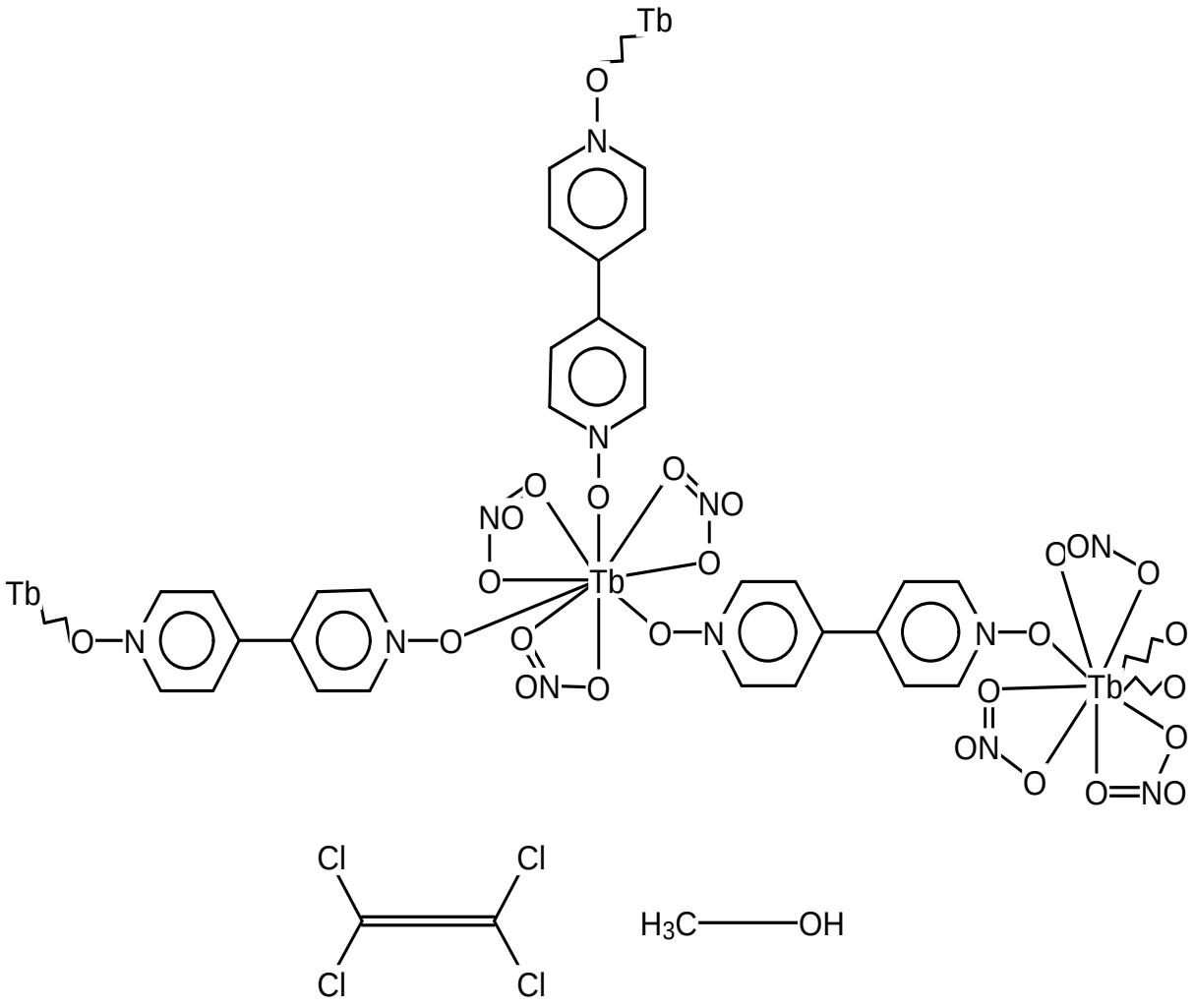
EFOLIU

Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2002) *Chem.-Eur.J.* ,**8,**2026

Formula: $(C_{30}\ H_{24}\ N_{12}\ O_{24}\ Tb_2)n,0.8n(C_2\ Cl_4),1.6n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N'-dioxide)-hexakis(nitrato)-di-terbium(iii) tetrachloroethylene methanol solvate)

Space Group:	P-421c	***Cell:***	***a***	26.154(4)	***b***	26.154(4)	***c*** 7.583(1)
Space Group No.:	114	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.30	***Temperature(K):***	150		***Density(g/cm^3):***		1.842



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 541

EFOLOA

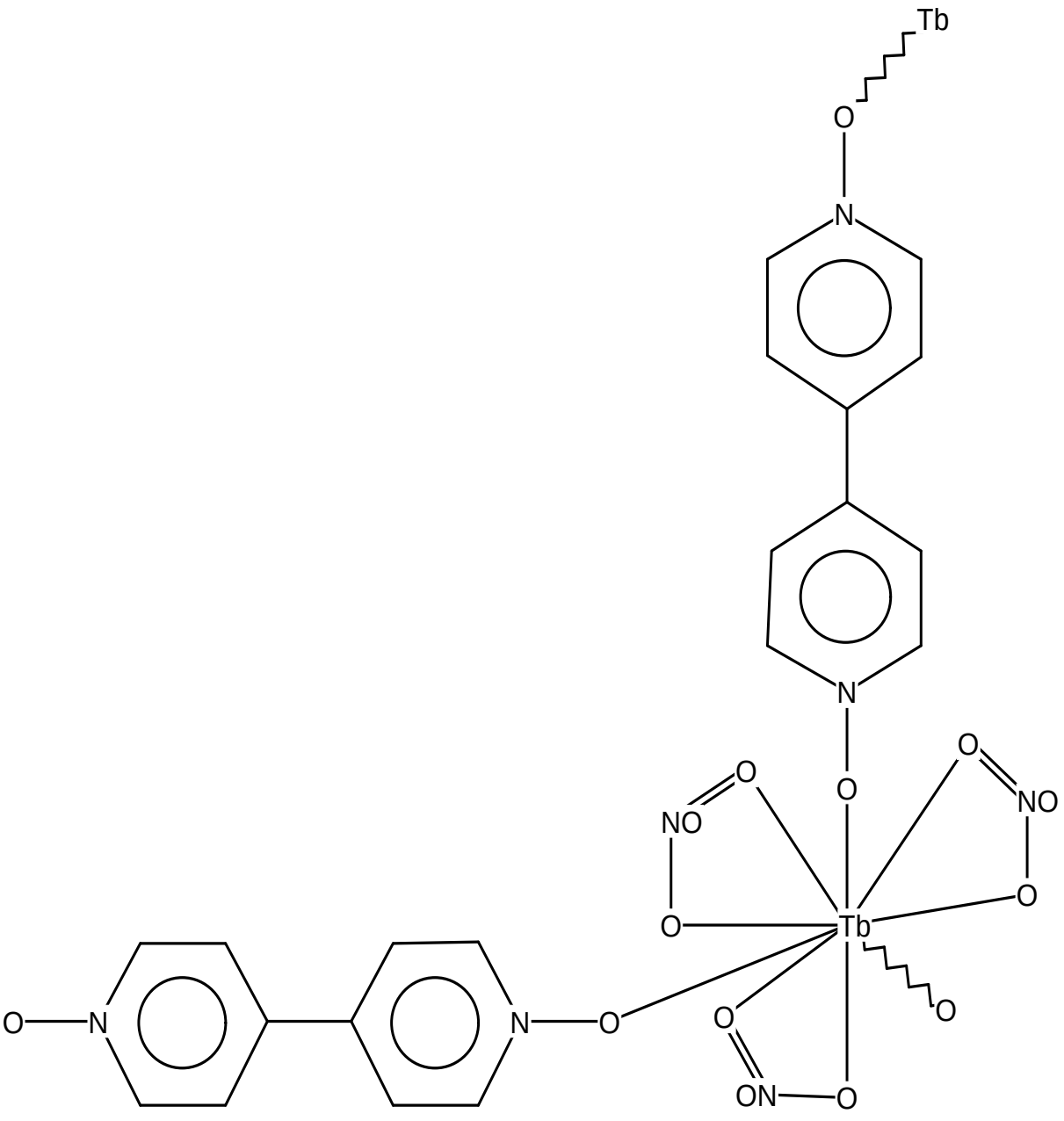
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2002) *Chem.-Eur.J.* ,**8,**2026

Formula: $(C_{20}\ H_{16}\ N_7\ O_{13}\ Tb_1)n$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N'-dioxide)-tris(nitrato)-terbium(iii))

Space Group:	P21/c	***Cell:***	***a***	9.394(0)	***b***	14.650(0)	***c***	17.287(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.58(0)	γ	90.00

R-Factor (%): 2.10 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.014



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 542

EGAQOT

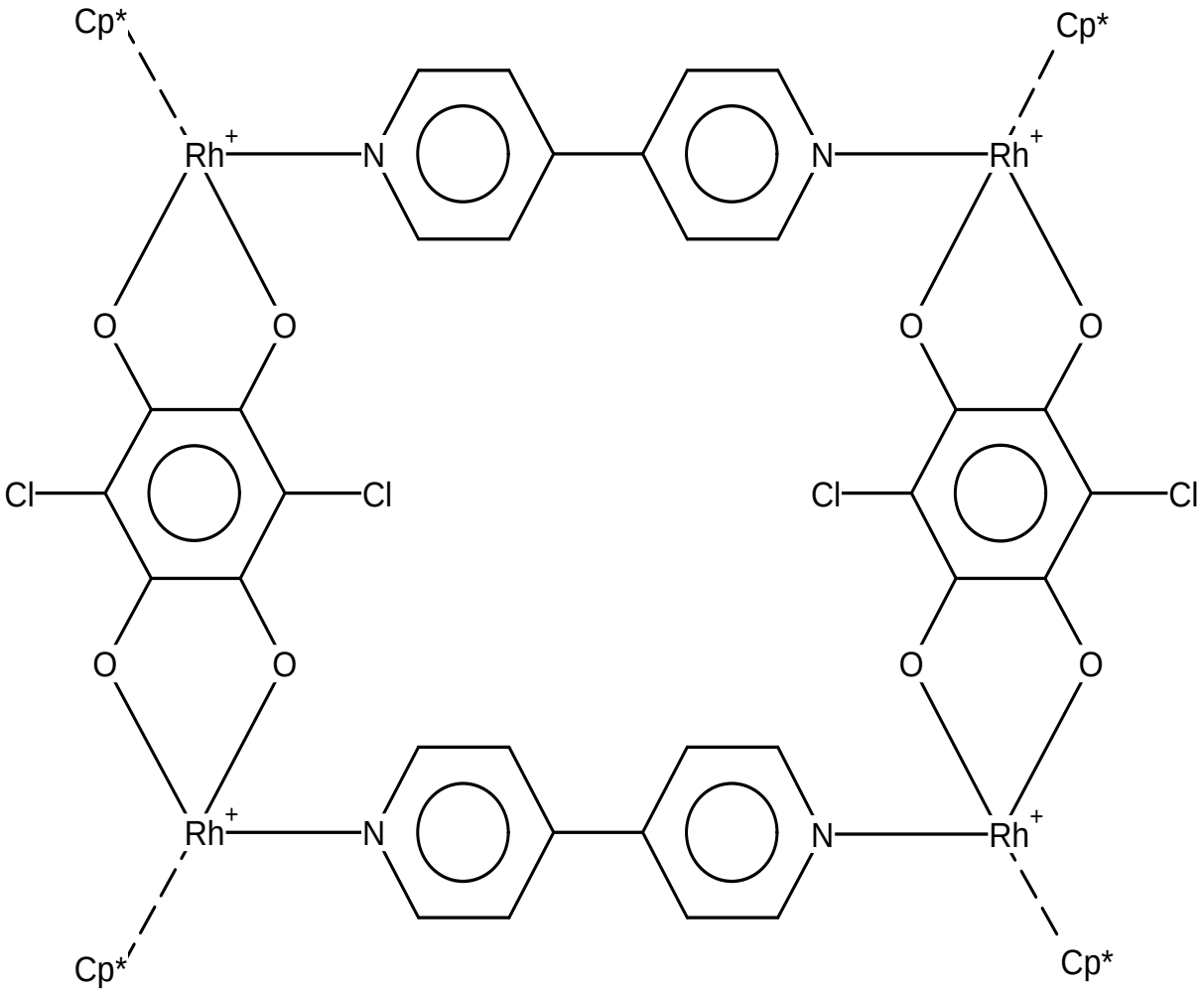
Reference: Ying-Feng Han, Wei-Guo Jia, Yue-Jian Lin, Guo-Xin Jin (2008) *Organometallics ,***27,**5002

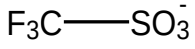
Formula: $C_{72}\ H_{76}\ Cl_4\ N_4\ O_8\ Rh_4\ ^{4+}, 4(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: bis((μ$_2$-4,4'-Bipyridine-N,N')-(μ$_2$-1,4-dichloro-2,3,5,6-tetrahydroxophenyl))-tetrakis(η^5-pentamethyl-cyclopentadienyl)-tetra-rhodium tetrakis(trifluoromethanesulfonate) unknown solvate

Space Group:	P21/c	***Cell:***	***a***	16.385(9)	***b***	18.966(10)	***c***	16.274(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.41(0)	γ	90.00

R-Factor (%): 9.64 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.495





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 543

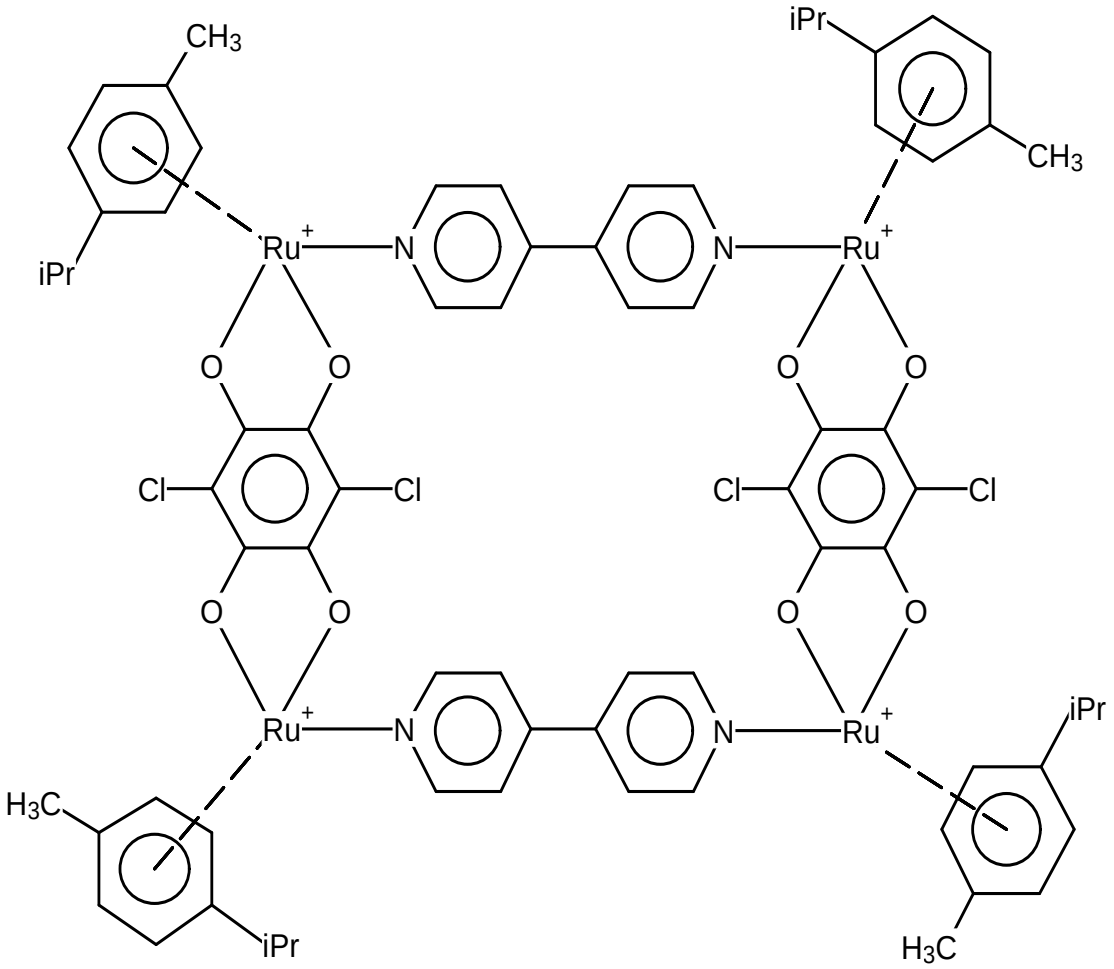
EGAQUZ

Reference: Ying-Feng Han, Wei-Guo Jia, Yue-Jian Lin, Guo-Xin Jin (2008) *Organometallics ,***27,**5002

Formula: $C_{72}\ H_{72}\ Cl_4\ N_4\ O_8\ Ru_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_7\ H_8$),4($H_2\ O_1$)

Compound Name: bis((μ$_2$-4,4'-Bipyridine-N,N')-(μ$_2$-1,4-dichloro-2,3,5,6-tetrahydroxophenyl))-tetrakis(η^5-p-cymene)-tetra-ruthenium tetrakis(trifluoromethanesulfonate) toluene solvate tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	21.293(6)	***b***	10.919(3)	***c***	23.103(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.10(0)	γ	90.00
R-Factor (%):	6.19	***Temperature(K):***	293	***Density(g/cm^3):***	1.558			



$F_3C—SO_3^-$

Ph—CH_3

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 544

EGAXEP

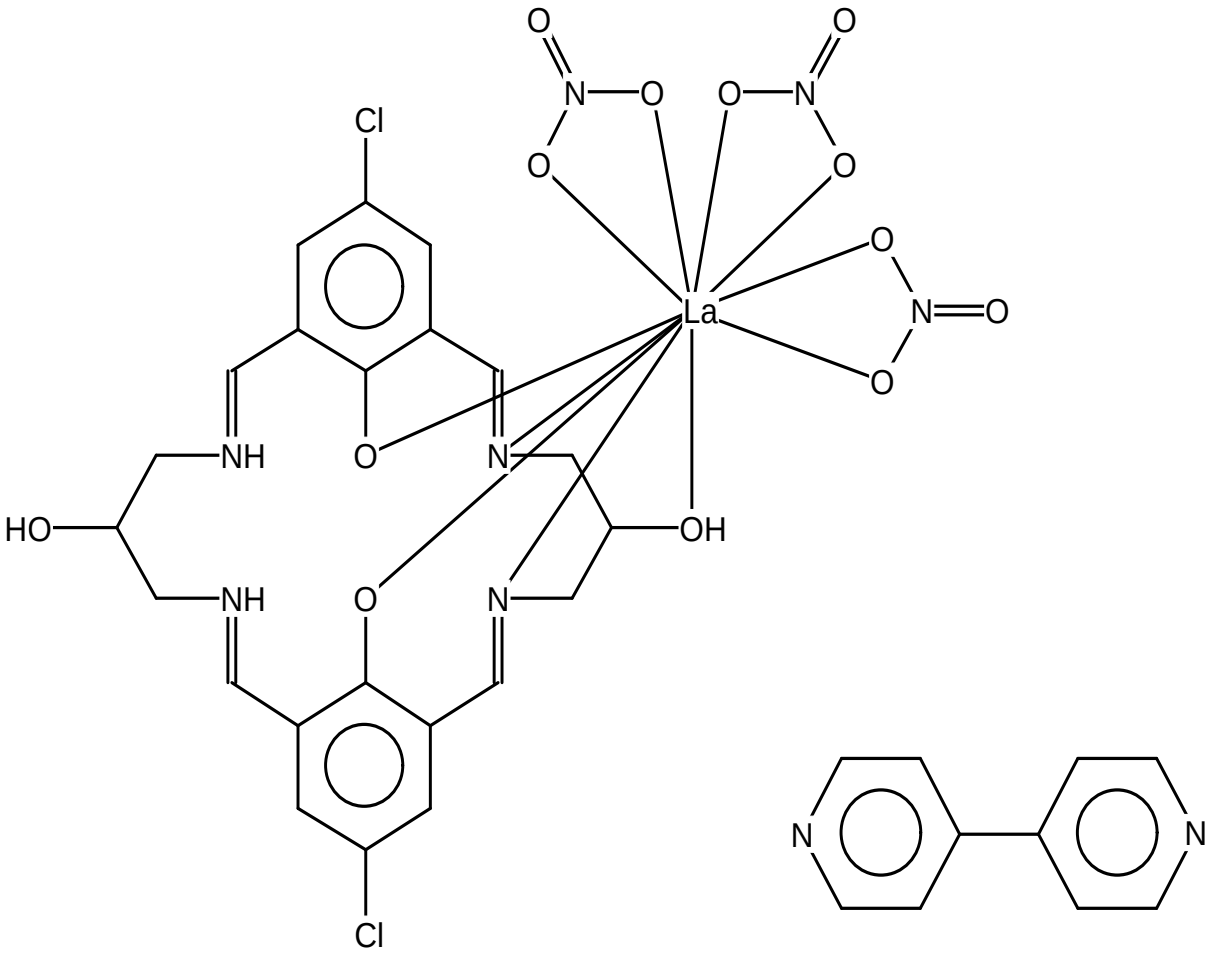
Reference: Changjian Feng, Deping Cheng, Duanjun Xu, Yuanzhi Xu (2001) *J.Chem.Cryst.* ,**31,**315

Formula: $C_{22}\ H_{22}\ Cl_2\ La_1\ N_7\ O_{13}, C_{10}\ H_8\ N_2, 1.2(H_2\ O_1)$

Compound Name: (11,23-Dichloro-5,17-dihydroxy-25,26-dioxy-3,7,15,19-tetraaza-tricyclo[19.3.1.1^{9,13}]hexacosa-1(25),2,7,9,11,13(26),14,19,21,23-decaene)-trinitrato-lanthanum(iii) 4,4'-bipyridine hydrate

Space Group:	Pnma	***Cell:***	***a***	16.400(3)	***b***	12.985(3)	***c***	19.118(4)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.83	***Temperature(K):***	293	***Density(g/cm^3):***	1.599



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 545

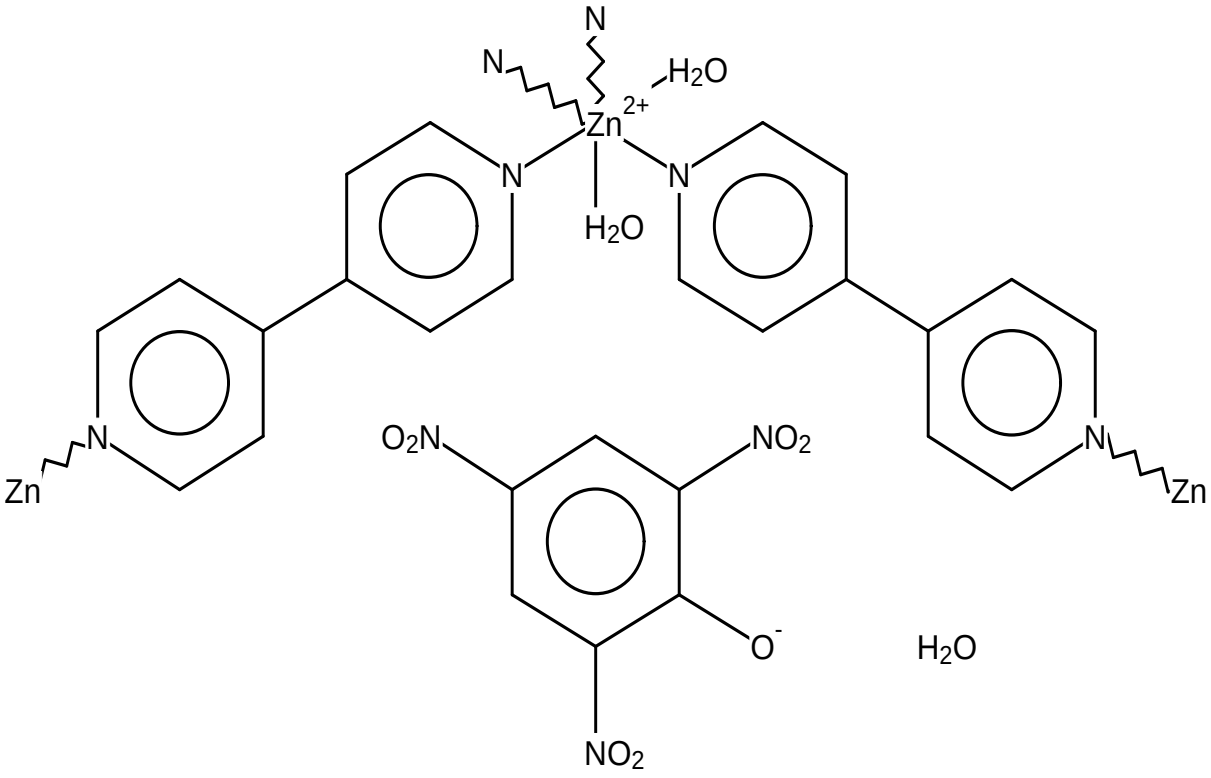
EGEQOW

Reference: Fu-Pei Liang, Zi-Lu Chen, Rui-Xiang Hu, Hong Liang, Kai-Bei Yu, Zhao-Hui Zhou (2001) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**17,**699

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-diaqua-zinc dipicrate dihydrate clathrate)

Space Group:	Cc	***Cell:***	***a***	14.390(2)	***b***	11.418(1)	***c***	22.908(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	95.08(1)	γ	90.00
R-Factor (%):	8.51	***Temperature(K):***	297		***Density(g/cm^3):***	1.605		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 546

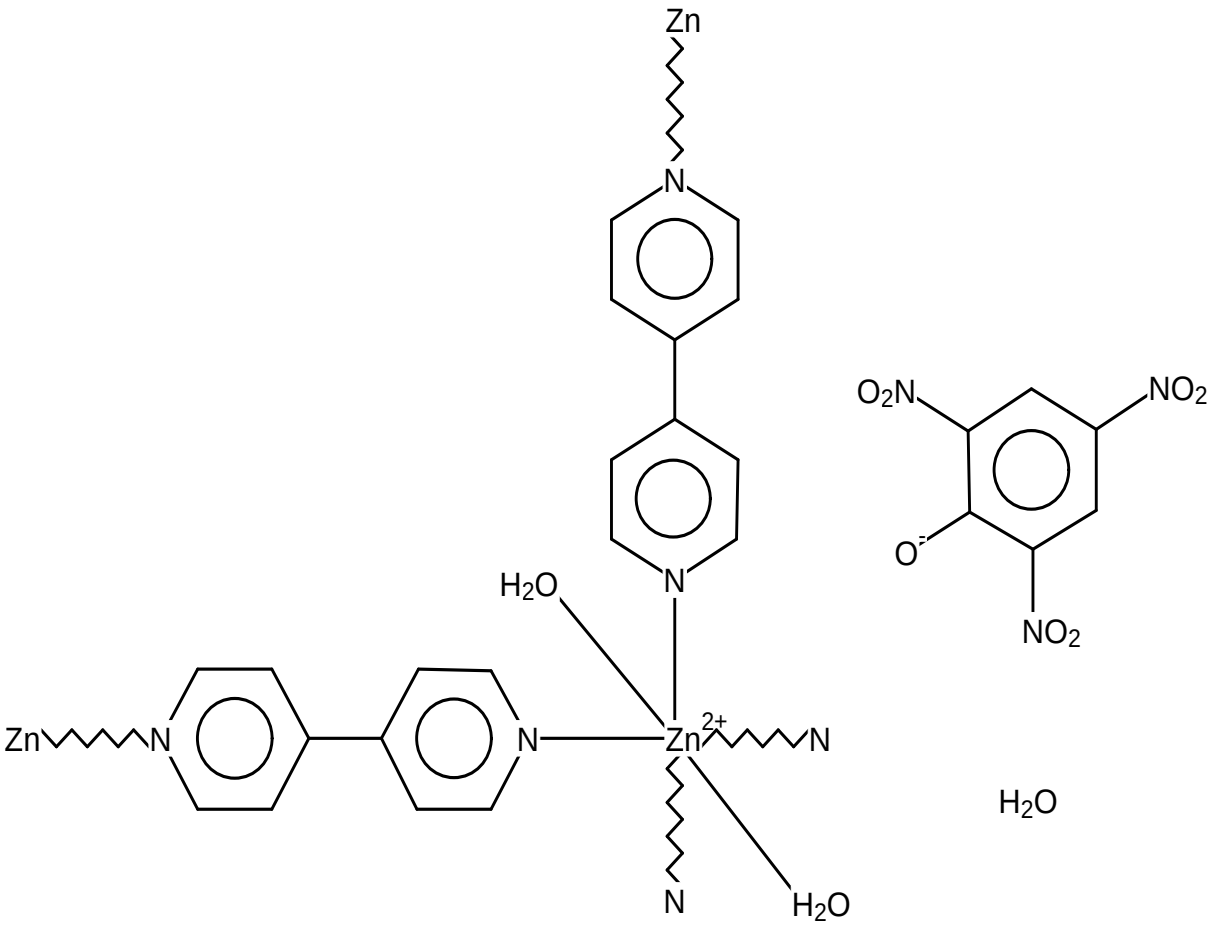
EGEQOW01

Reference: Fu Pei Liang, Zi Lu Chen, Rui Xiang Hu, Hong Liang, Zhao Hui Zhou (2000) *Chin.Chem.Lett. ,***11,**369

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-zinc(ii) dipicrate dihydrate clathrate)

Space Group:	Cc	***Cell:***	***a***	14.390	***b***	11.418(1)	***c*** 22.908(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	95.08(1)	γ 90.00
R-Factor (%):	8.51	***Temperature(K):***	297		***Density(g/cm^3):***		1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 547

EGEQOW02

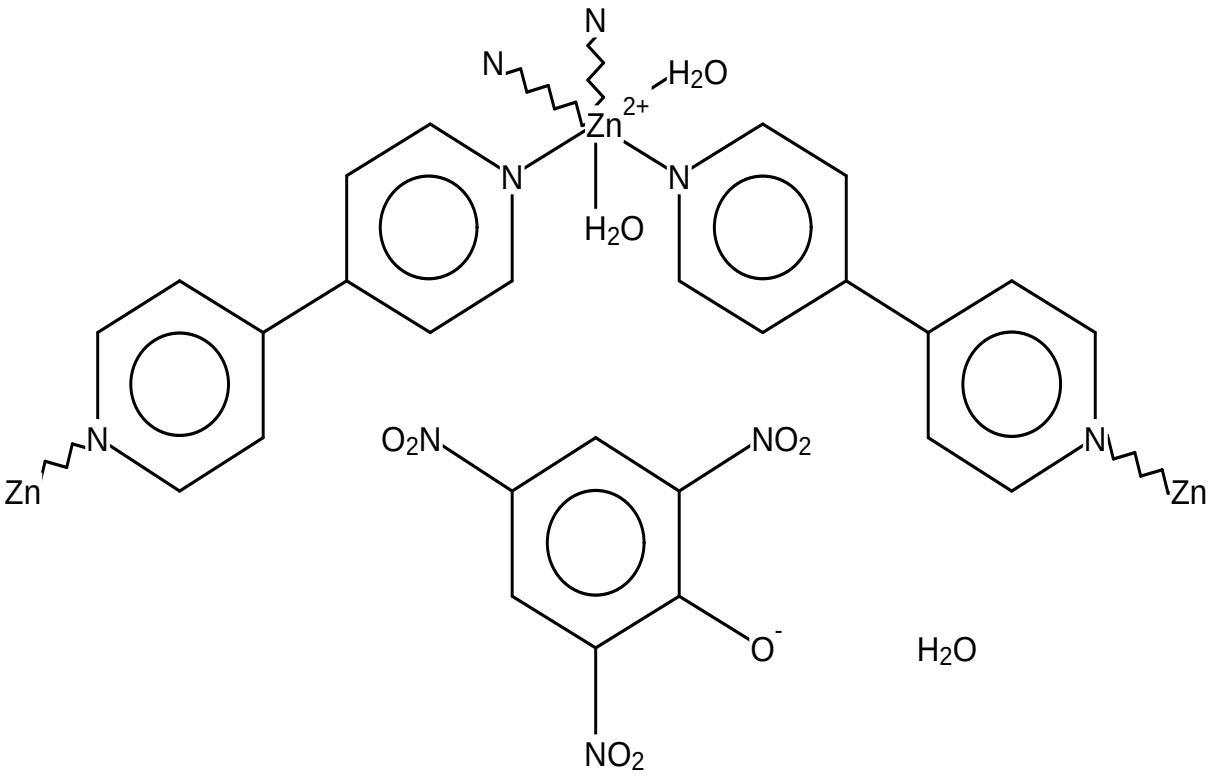
Reference: S.W.Ng (2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **59,**m452

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-diaqua-zinc dipicrate dihydrate)

Space Group:	C2/c	***Cell:***	***a***	14.391(2)	***b***	11.418(1)	***c***	22.908(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.08(1)	γ	90.00

R-Factor (%):	5.70	***Temperature(K):***	298	***Density(g/cm^3):***	1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 548

EGEQOW03

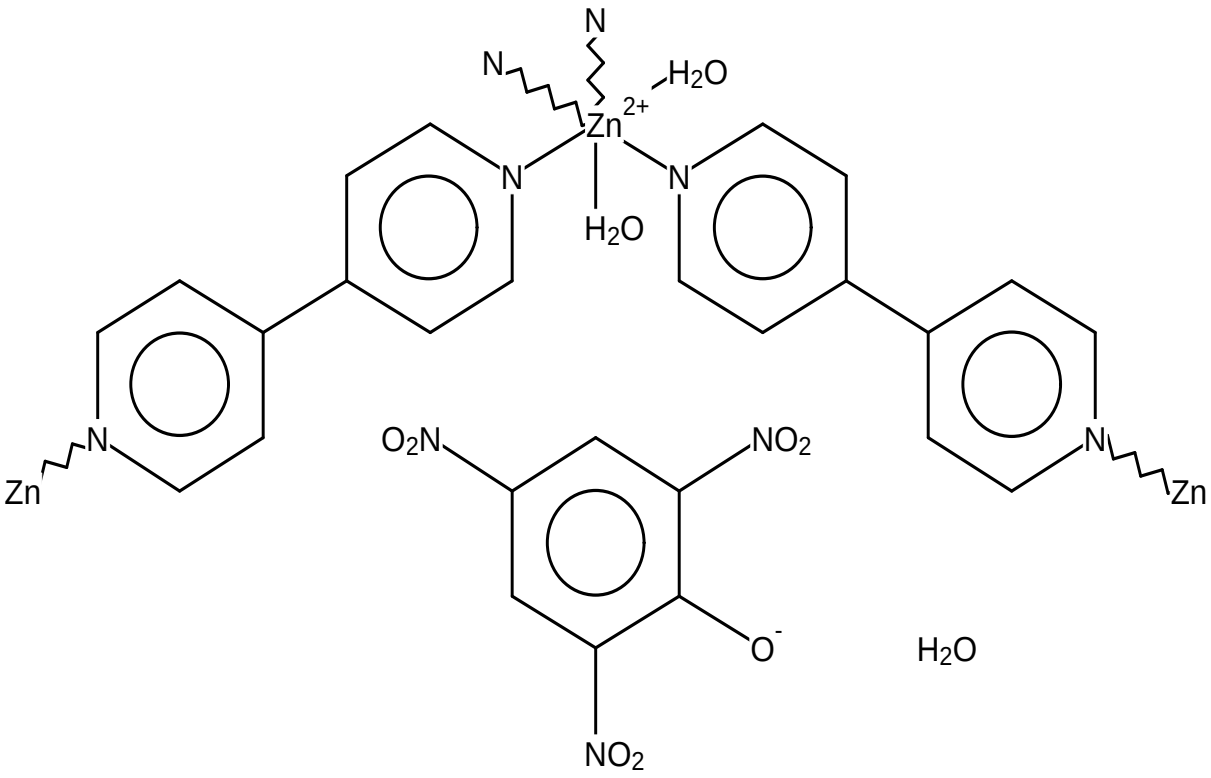
Reference: R.E.Marsh (2004) *Acta Crystallogr.,Sect.B:Struct.Sci.* ,**60,** 252

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-diaqua-zinc dipicrate dihydrate clathrate)

Space Group:	C2/c	***Cell:***	***a***	14.390	***b*** 11.418	***c***	22.908
Space Group No.:	15	***(Å,°)***	α	90.00	β 95.08	γ	90.00

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 549

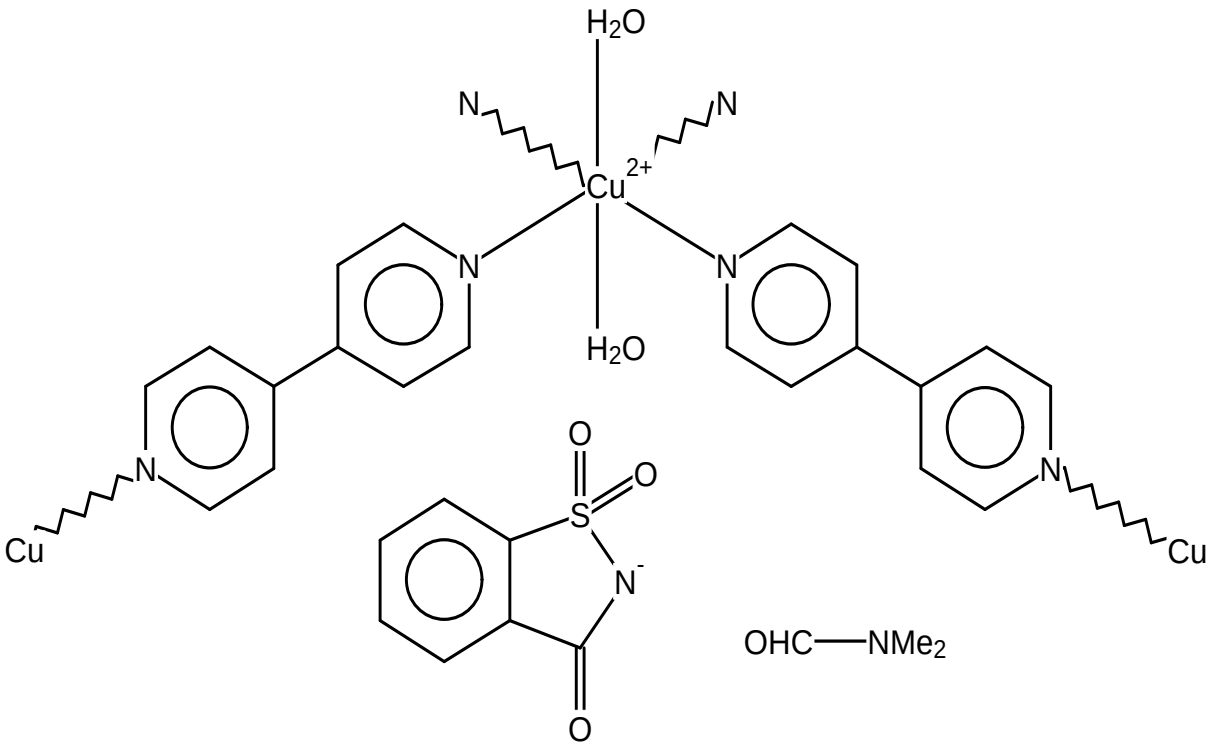
EGOCEI

Reference: P.A.M.Williams, E.G.Ferrer, E.J.Baran, O.E.Piro, E.E.Castellano (2002) *Z.Anorg.Allg.Chem.* ,**628,**2044

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,2n(C_7\ H_4\ N_1\ O_3\ S_1\ ^{1-}),n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridiyl)-diaqua-copper(ii) bis(saccharinate) N,N-dimethylformamide solvate)

Space Group:	Pcnb	***Cell:***	***a***	14.499(0)	***b***	15.813(0)	***c*** 16.685(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	2.96	***Temperature(K):***	100		***Density(g/cm^3):***		1.475



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 550

EGOGUD

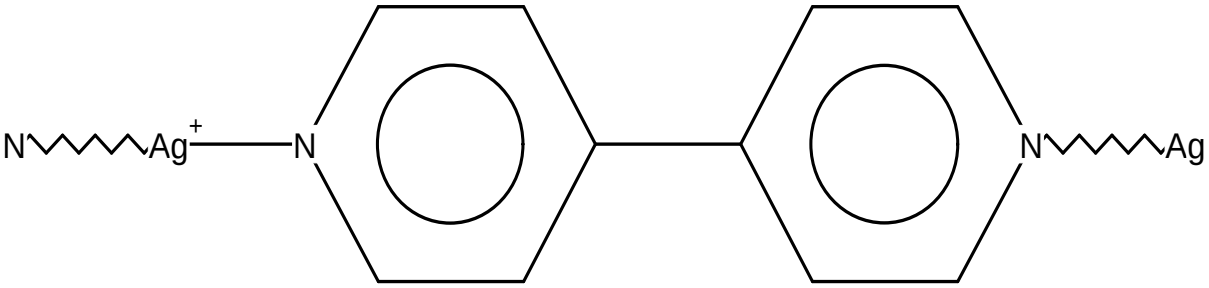
Reference: Haisheng Lin, P.A.Maggard (2008) *Inorg.Chem.* ,**47,**8044

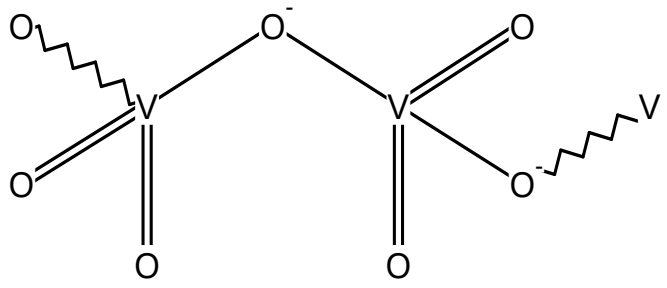
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})2n,n(O_6\ V_2\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine-N,N')-silver) bis(μ$_2$-oxo)-tetraoxo-di-vanadium monohydrate)

Space Group:	P21/c	***Cell:***	***a***	11.375(2)	***b***	14.281(4)	***c***	13.598(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.46(1)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.238





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 551

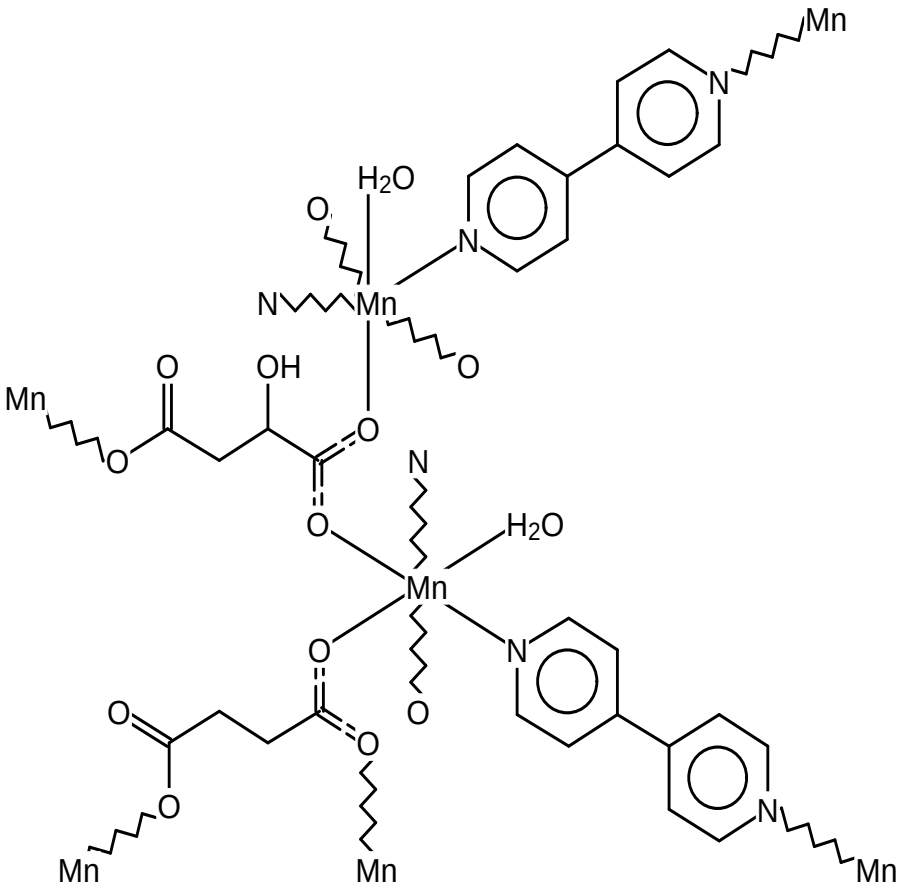
EGOKOB

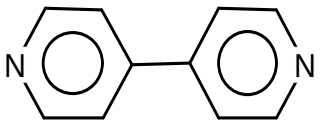
Reference: A.Zingiryan, Jian Zhang, Xianhui Bu (2008) *Inorg.Chem.* , **47,**8607

Formula: $(C_{28}\ H_{28}\ Mn_2\ N_4\ O_{11})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_3-L-(-)-Malato-O,O',O'')-(μ_3-succinato-O,O',O'')-bis(μ_2-4,4'-bipyridine-N,N')-diaqua-di-manganese(ii) 4,4'-bipyridine)

Space Group:	P21	***Cell:***	***a***	8.806(0)	***b***	17.930(0)	***c*** 11.698(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	100.88(0)	γ 90.00
R-Factor (%):	4.71	***Temperature(K):***	293	***Density(g/cm^3):***	1.579		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 552

EGOKUH

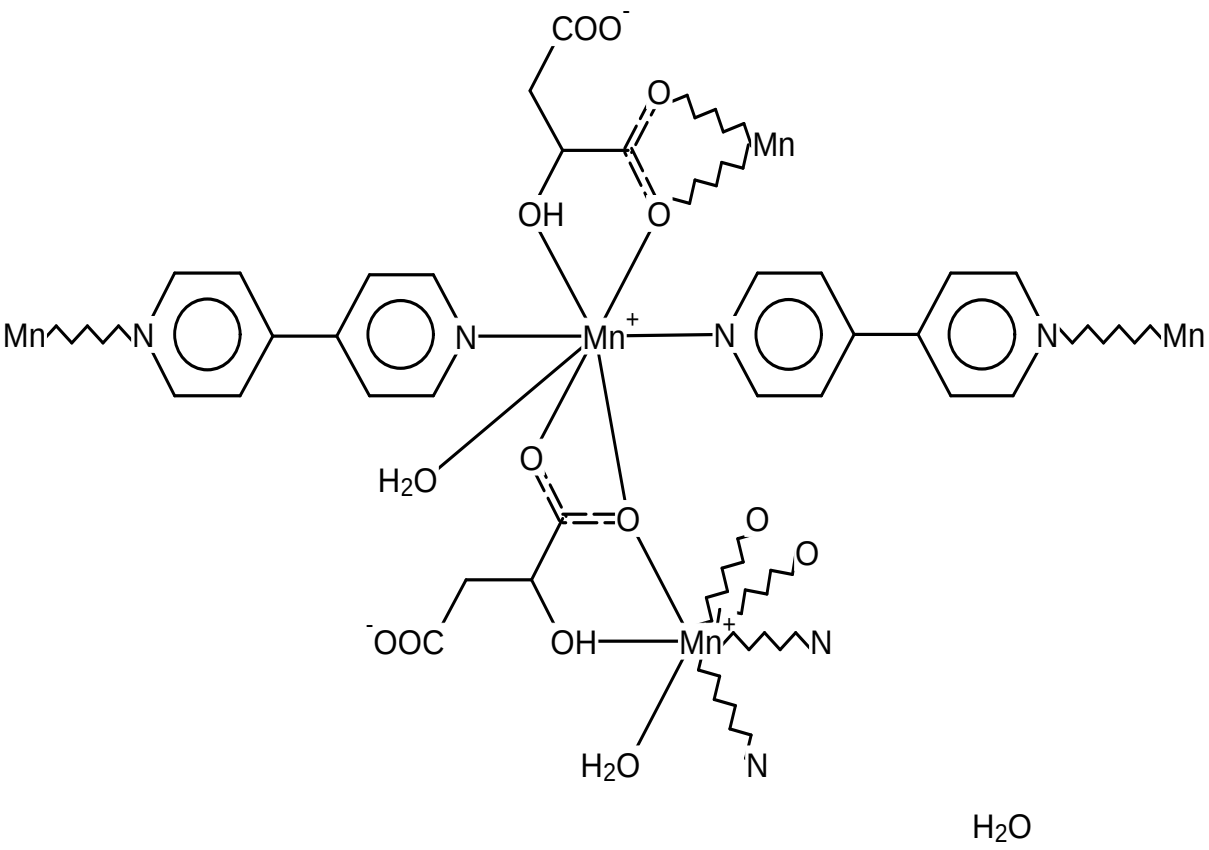
Reference: A.Zingiryan, Jian Zhang, Xianhui Bu (2008) *Inorg.Chem.* , **47,**8607

Formula: $(C_{28}\ H_{28}\ Mn_2\ N_4\ O_{12})n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-L-(-)-malato-O,O,O',O'')-diaqua-di-manganese(ii) hexahydrate)

Space Group:	P21212	***Cell:***	***a*** 21.621(0)	***b*** 8.347(0)	***c*** 11.648(0)
Space Group No.:	18	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 7.73 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.312



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 553

EHAFAU

Reference: K.Nakata, H.Miyasaka, K.Sugimoto, T.Ishii, K.Sugiura, M.Yamashita (2002) *Chem.Lett.* ,658

Formula: $(C_{70}\ H_{118}\ Mn_6\ N_2\ O_{26})n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Oxo)-tetrakis(μ_3-pivalato-O,O,O')-(μ_2-4,4'-bipyridyl)-hexakis(μ_2-pivalato)-bis(pivalic acid)-hexa-manganese(ii,iii) hexahydrate)

Space Group:	Pnna	***Cell:***	***a***	29.406(2)	***b***	24.651(2)	***c***	13.196(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.47	***Temperature(K):***	123		***Density(g/cm^3):***	1.279		

H_2O

n-$Mn_6[\mu_4\text{-}O]_2[\mu_3\text{-}CO_2(Bu^t)\text{-}\kappa^3O,O']_4$--
--$[\mu_2\text{-}CO_2(Bu^t)\text{-}\kappa^2O,O']_6$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N'][CHO_2(Bu^t)]_2$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 554

EHAFID

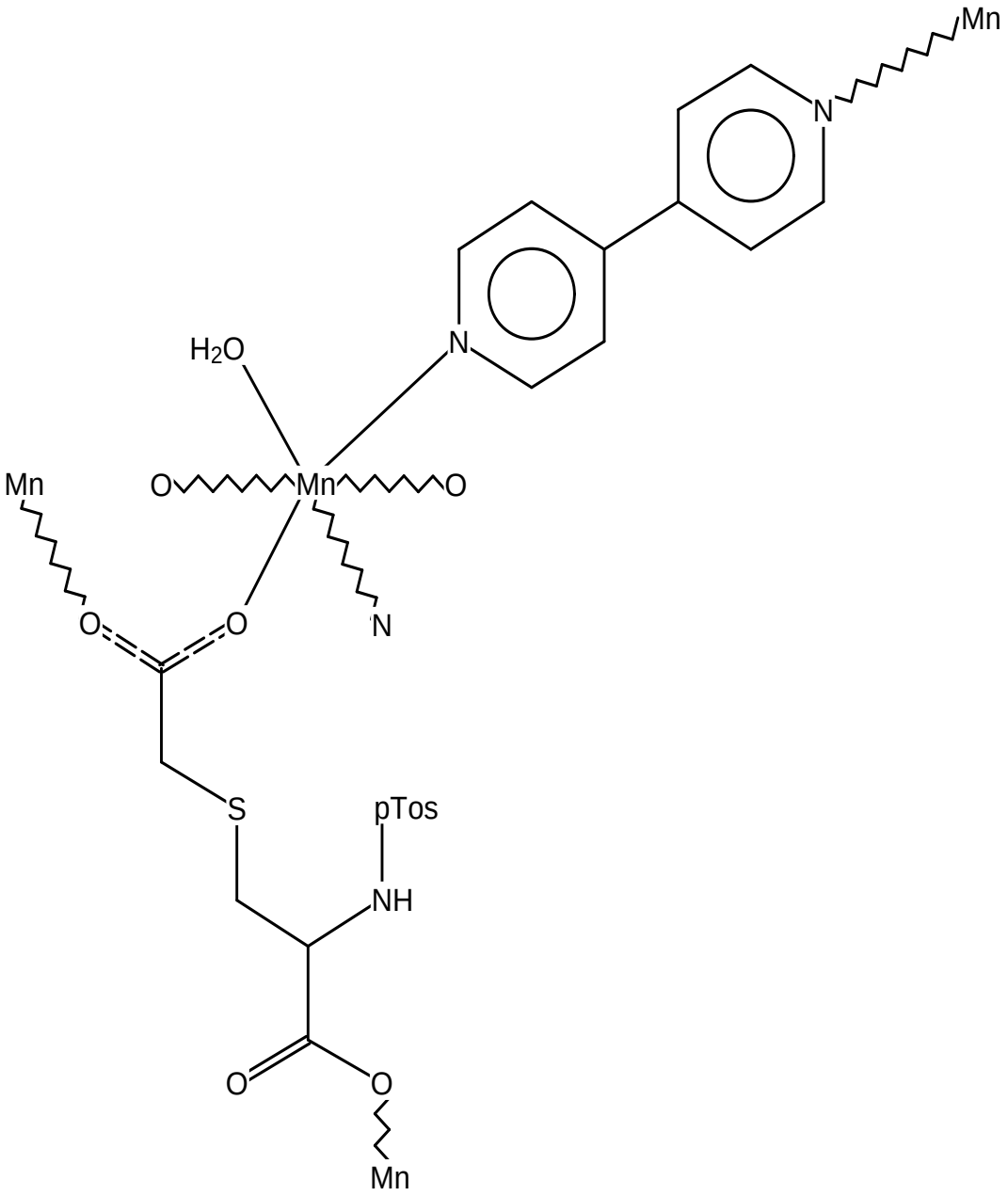
Reference: Wei Xiong, Yan Su, Zilu Chen, Fupei Liang (2009)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**65,**m56

Formula: $(C_{22}\ H_{23}\ Mn_1\ N_3\ O_7\ S_2)n$

Compound Name: catena-((μ_3-S-Carboxylatomethyl-N-(p-tosyl)-L-cysteinato)-(μ_2-4,4'-bipyridine)-aqua-manganese(ii))

Space Group:	P21	***Cell:***	***a***	5.382(4)	***b***	19.375(14)	***c***	11.691(9)
Space Group No.:	4	***(Å,°)***	α	90.00	β	96.77(0)	γ	90.00

R-Factor (%): 5.78 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.538



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 555

EHAFUP

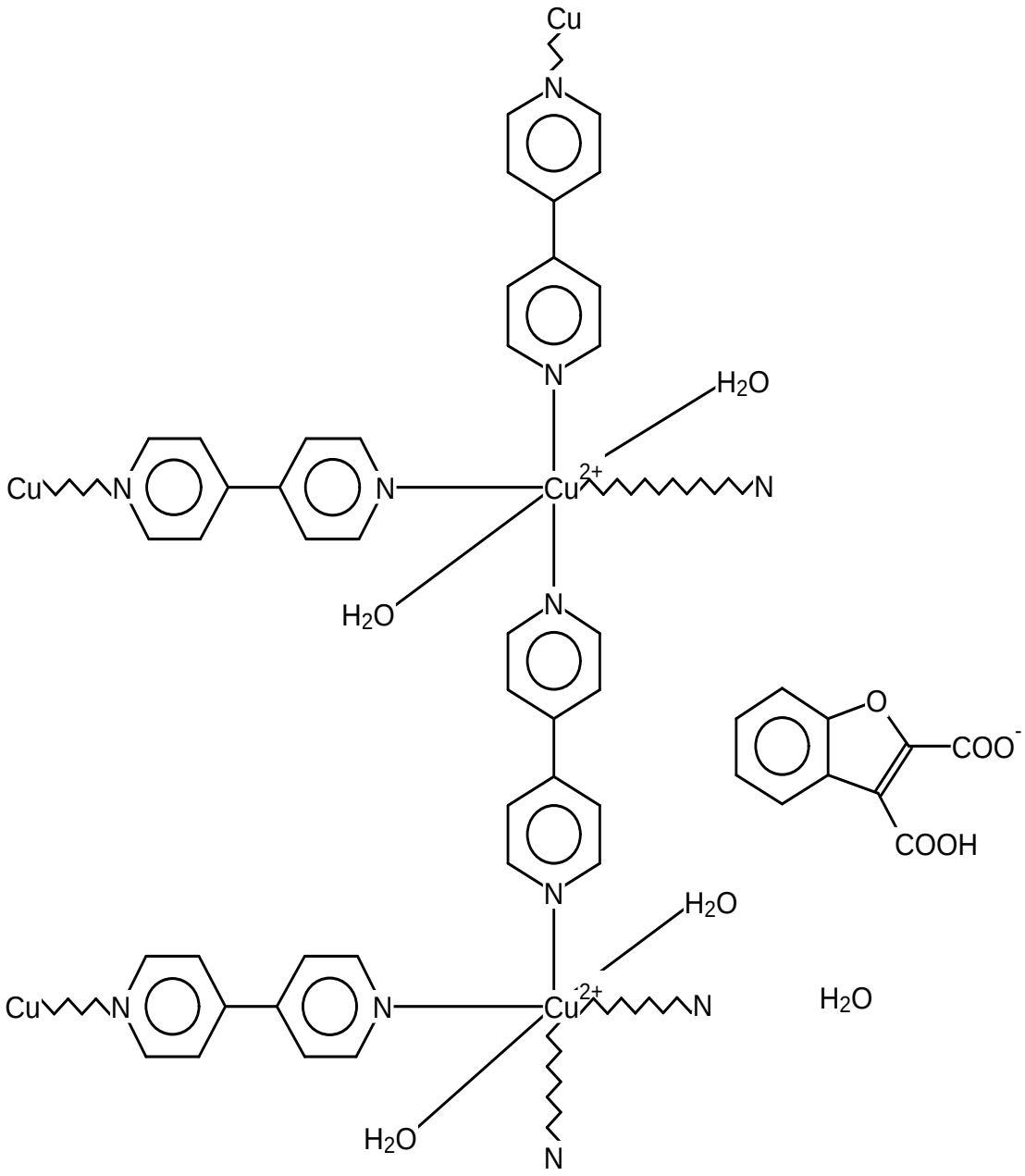
Reference: R.Koner, I.Goldberg (2009)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**65,**m62

Formula: $(C_{40}\ H_{40}\ Cu_2\ N_8\ O_4\ ^{4+})n,4n(C_{10}\ H_5\ O_5\ ^{1-}),10n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridyl)-tetra-aqua-di-copper(ii) tetrakis(3-carboxy-1-benzofuran-2-carboxylate) decahydrate)

Space Group:	Pccn	***Cell:***	***a*** 15.847(0)	***b*** 22.287(0)	***c*** 22.545(0)
Space Group No.:	56	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 6.50 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.522



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 556

EJEMUB

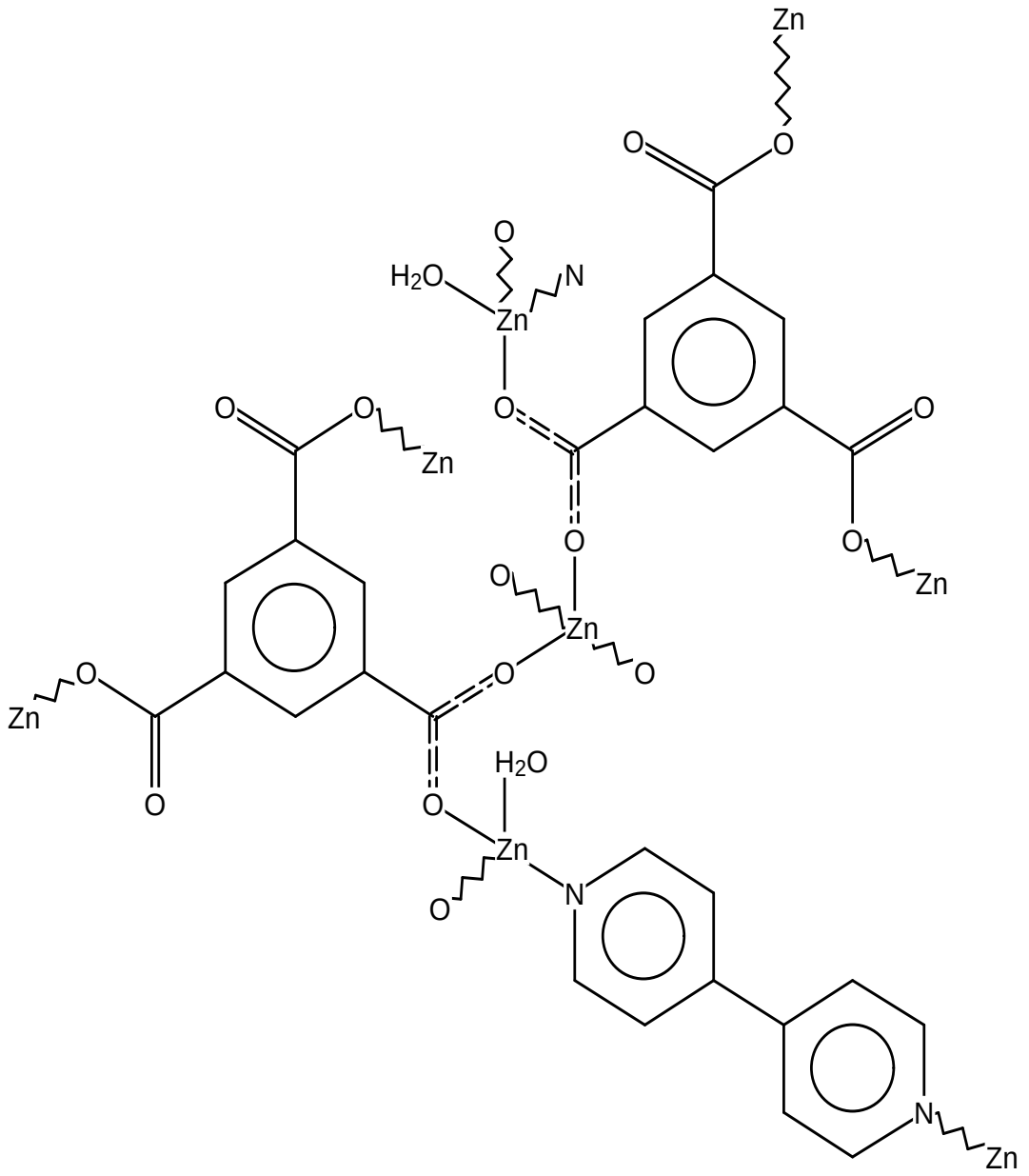
Reference: Zhan Shi, Ying Hou, Jia Hua, Guanghua Li, Shouhua Feng (2003) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **59,**m337

Formula: $(C_{28}\ H_{18}\ N_2\ O_{14}\ Zn_3)n$

Compound Name: catena-[bis(μ_4-1,3,5-Benzenetricarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-tri-zinc(ii)]

Space Group:	C2/c	***Cell:***	***a***	10.382(0)	***b***	18.675(0)	***c***	14.826(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.52(0)	γ	90.00

R-Factor (%): 2.81 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.860



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 557

EJEMUB01

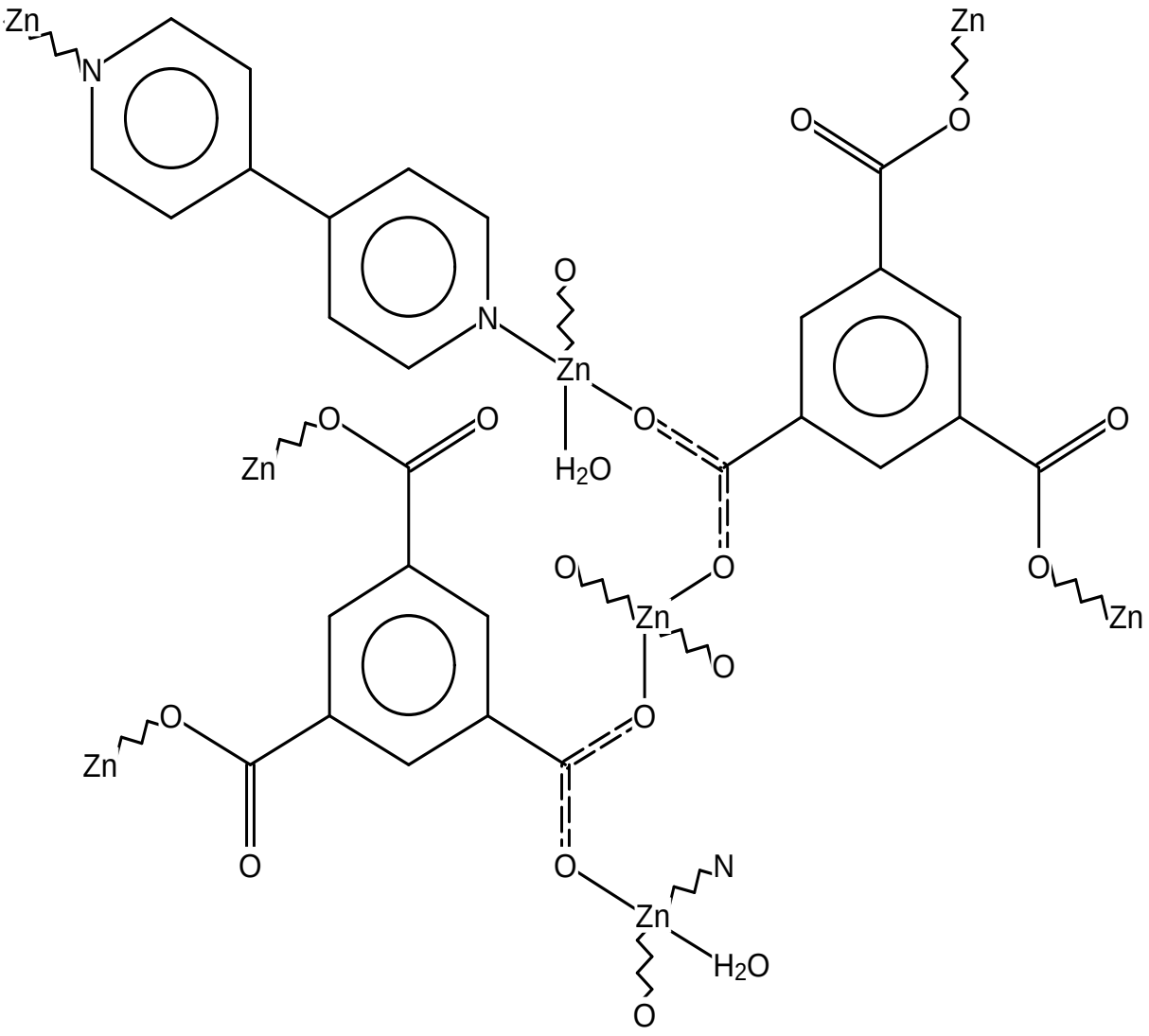
Reference: You-Fu Zhou, Ben-Yong Lou, Da-Qiang Yuan, Yan-Qing Xu, Fei-LongJiang, Mao-Chun Hong (2005) *Inorg.Chim.Acta* , **358,**3057

Formula: $(C_{28}\ H_{18}\ N_2\ O_{14}\ Zn_3)n$

Compound Name: catena-[bis(μ_4-Benzene-1,3,5-tricarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-tri-zinc(ii)]

Space Group:	C2/c	***Cell:***	***a***	10.385(0)	***b***	18.644(0)	***c***	14.808(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.38(0)	γ	90.00

R-Factor (%): 4.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.865



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 558

EJOGOZ

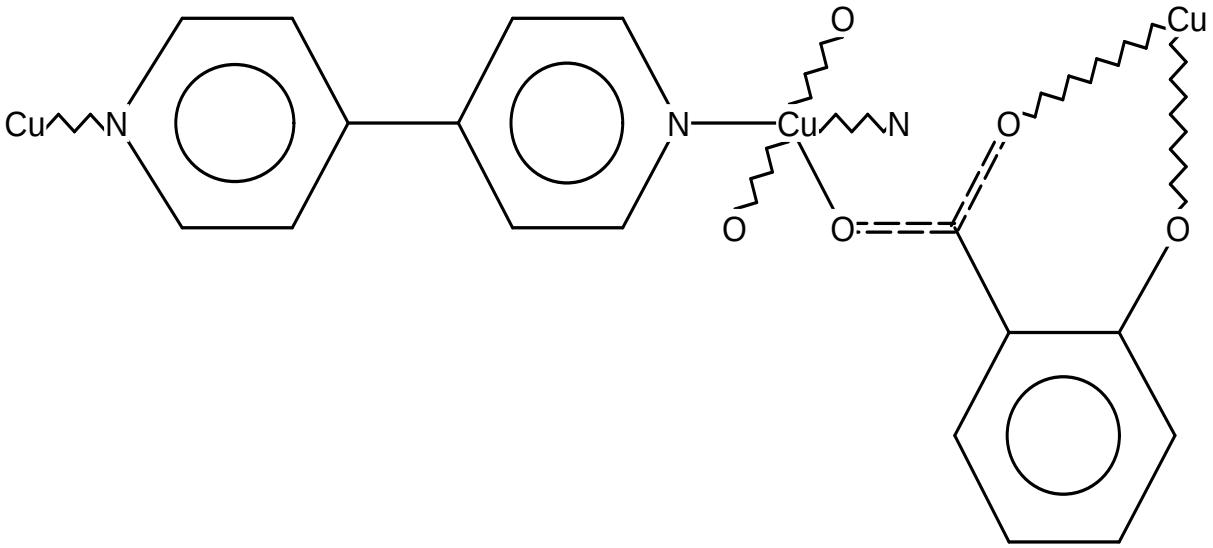
Reference: Long-Guan Zhu, S.Kitagawa, K.Seki (2003) *Chem.Lett.* , **32,**588

Formula: $(C_{17}\ H_{12}\ Cu_1\ N_2\ O_3)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-salicylato)-copper(ii))

Space Group:	R-3	***Cell:***	***a***	32.602(2)	***b***	32.602(2)	***c*** 10.616(0)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.34 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.088



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 559

EKERAN

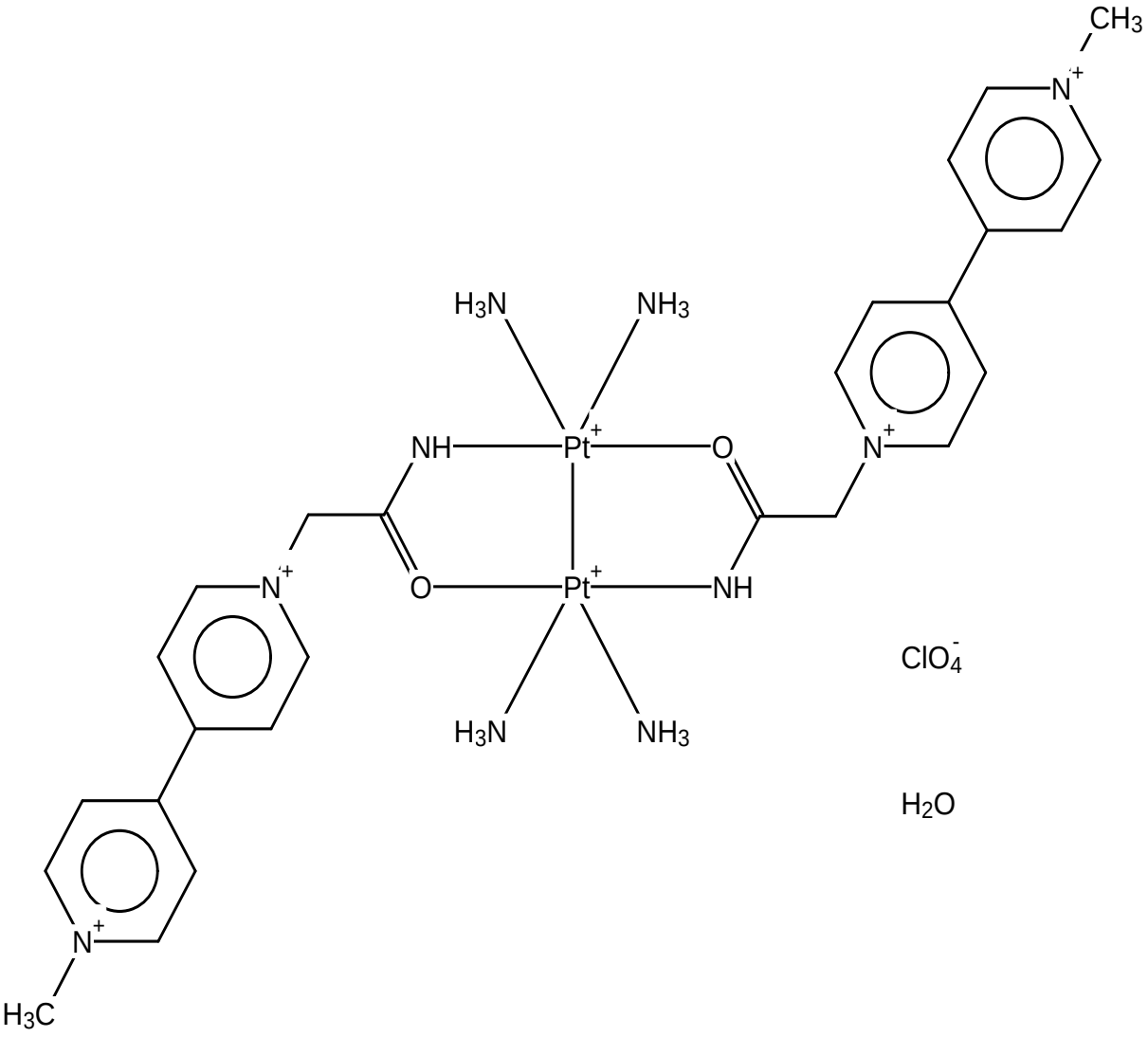
Reference: K.Sakai, Y.Ikuta, T.Tsubomura, K.Kato, Y.Yokoyama, T.Kajiwara, T.Ito (2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**59,** m780

Formula: $C_{26}\,H_{40}\,N_{10}\,O_2\,Pt_2\,^{6+},6(Cl_1\,O_4\,^{1-}),2(H_2\,O_1)$

Compound Name: bis(μ_2-2-(1'-Methyl-4,4'-bipyridinium-1-yl)acetamidato-N,O)-cis-tetra-ammine-di-platinum(ii) hexaperchlorate dihydrate

Space Group:	P-1	***Cell:***	***a***	9.764(0)	***b***	10.445(0)	***c*** 27.245(2)
Space Group No.:	2	***(Å,°)***	α	80.40(0)	β	83.55(0)	γ 63.57(0)

R-Factor (%): 6.21 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.097



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 560

ELESAP

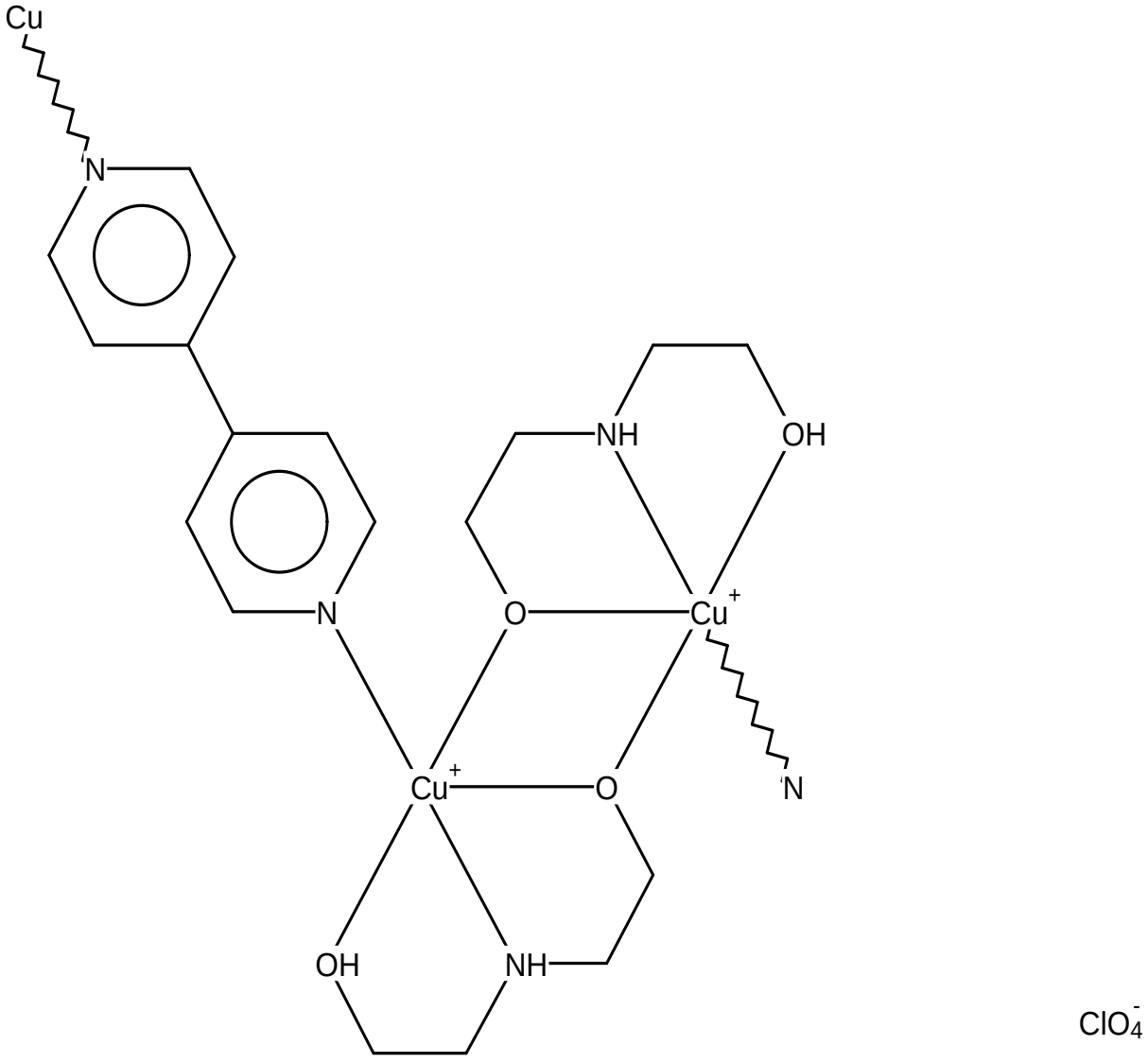
Reference: V.Tudor, G.Marin, V.Kravtsov, Y.A.Simonov, J.Lipkowski, M.Brezeanu, M.Andruh (2003) *Inorg.Chim.Acta* ,**353,**35

Formula: $(C_{18}\ H_{28}\ Cu_2\ N_4\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl)-bis(μ_2-2-(2-hydroxyethylamino)ethoxo)-di-copper(ii) diperchlorate)

Space Group:	P21/c	***Cell:***	***a***	9.302(0)	***b***	9.649(0)	***c***	15.045(0)
Space Group No.:	14	***(Å,°)***	α	90.00(0)	β	92.29(0)	γ	90.00(0)

R-Factor (%): 3.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.699



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 561

ELESET

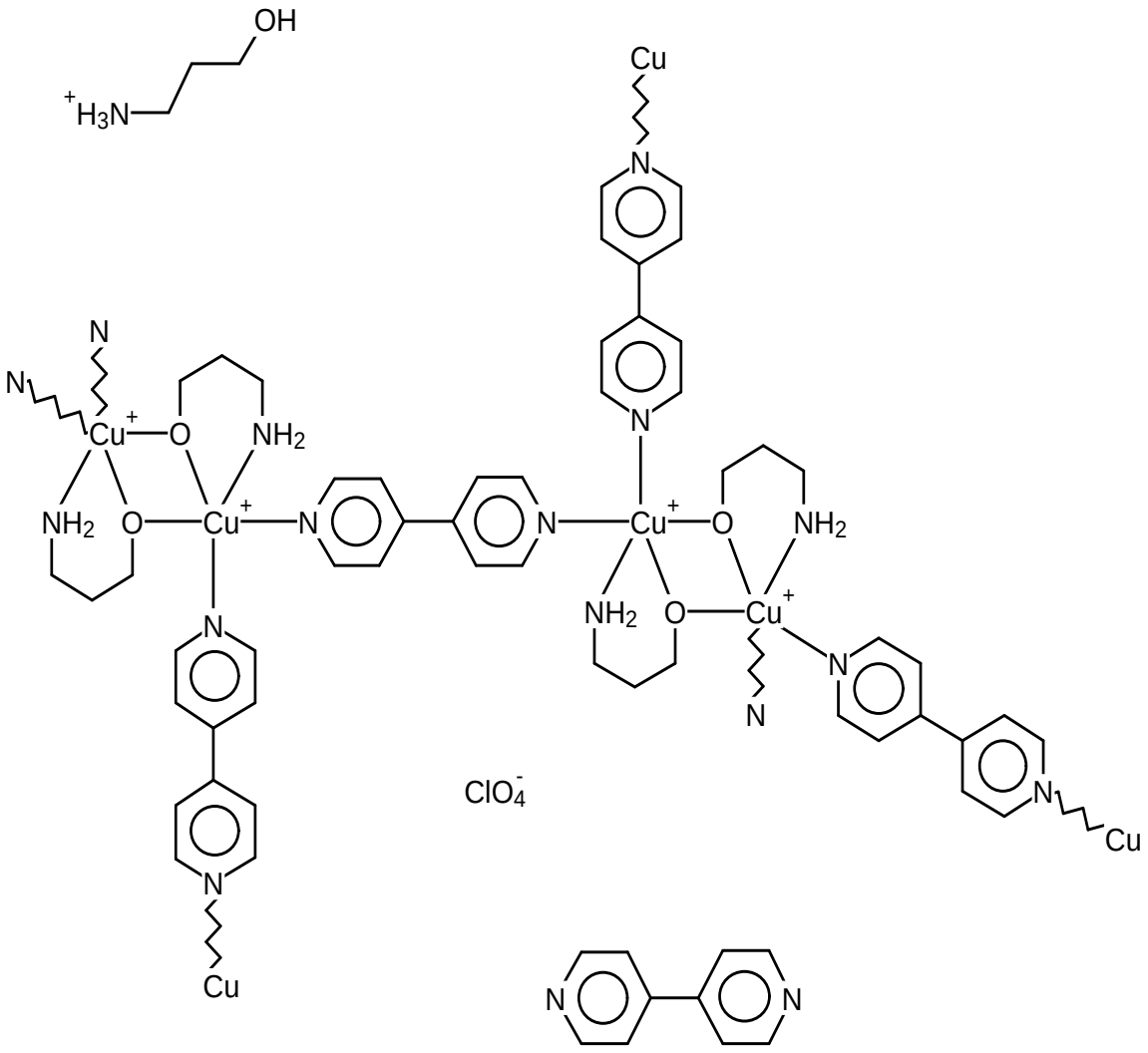
Reference: V.Tudor, G.Marin, V.Kravtsov, Y.A.Simonov, J.Lipkowski, M.Brezeanu, M.Andruh (2003) *Inorg.Chim.Acta* ,**353,**35

Formula: $(C_3 H_{10} N_1 O_1)^{1+}2n,n(C_{52} H_{64} Cu_4 N_{12} O_4)^{4+},6n(Cl_1 O_4)^{1-},2n(C_{10} H_8 N_2),2n(H_2 O_1)$

Compound Name: catena-(bis(3-Hydroxypropylammonium) tetrakis(μ_2-4,4'-bipyridyl)-tetrakis(μ_2-3-aminopropanolato)-tetra-copper(ii) hexaperchlorate bis(4,4'-bipyridyl) dihydrate)

Space Group:	P-1	***Cell:***	***a*** 13.360(0)	***b*** 14.115(0)	***c*** 14.909(0)
Space Group No.:	2	***(Å,°)***	α 112.63(0)	β 97.05(0)	γ 108.39(0)

R-Factor (%): 8.94 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.596



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 562

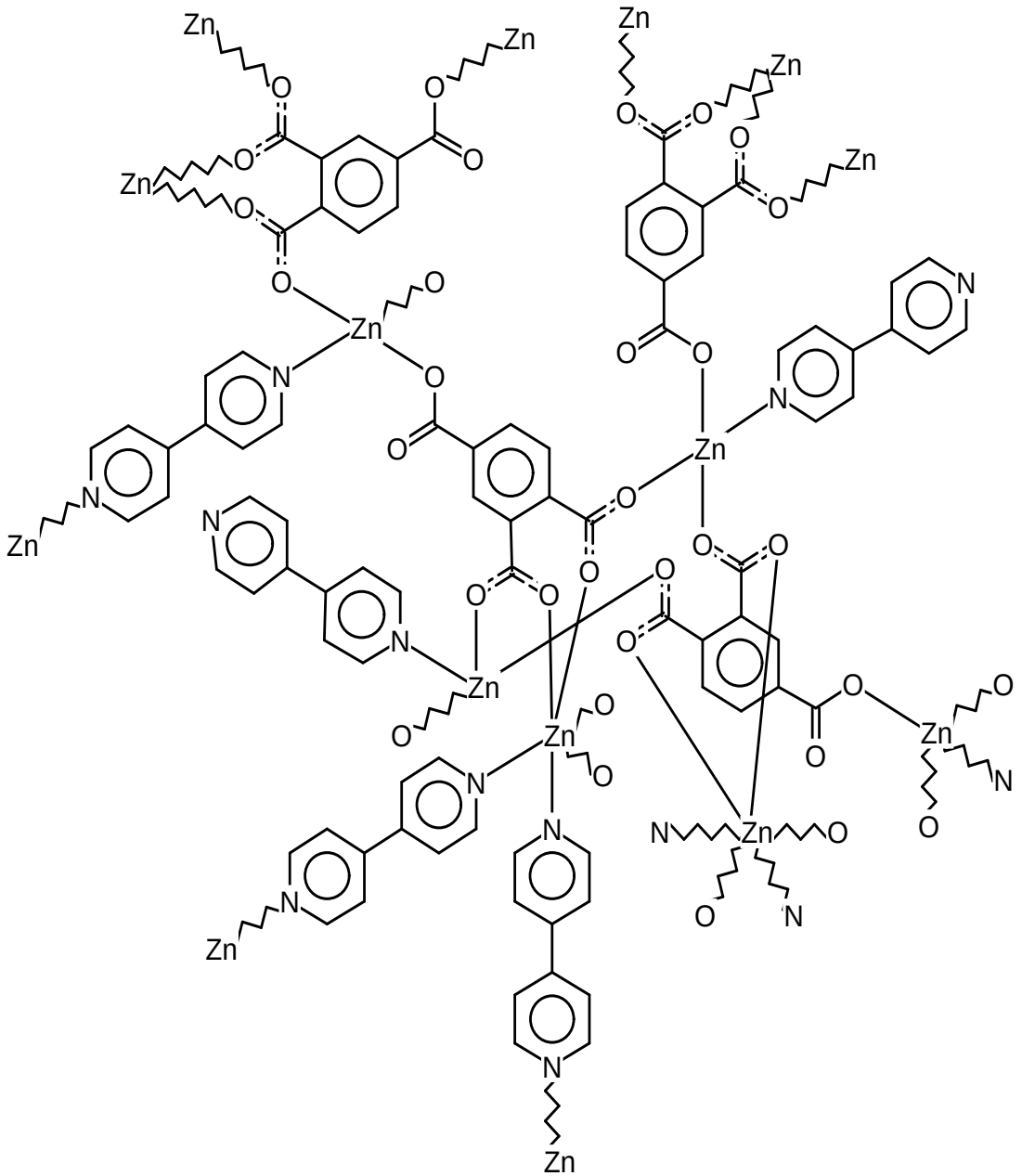
EMANUB

Reference: Pei-Qing Zheng, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2003) *Appl.Organomet.Chem. ,***17,**739

Formula: $(C_{86}\ H_{52}\ N_{10}\ O_{24}\ Zn_6)n$

Compound Name: catena-(tetrakis(μ_4-1,2,4-Benzenetricarboxylato)-tris(μ_2-4,4'-bipyridine-N,N')-bis(4,4'-bipyridine-N)-hexa-zinc)

Space Group:	P-1	***Cell:***	***a*** 11.774(0)	***b*** 11.797(0)	***c*** 15.317(1)
Space Group No.:	2	***(Å,°)***	α 106.56(0)	β 106.28(0)	γ 92.98(0)
R-Factor (%):	5.09	***Temperature(K):***	273	***Density(g/cm^3):***	1.716



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 563

EMARIT

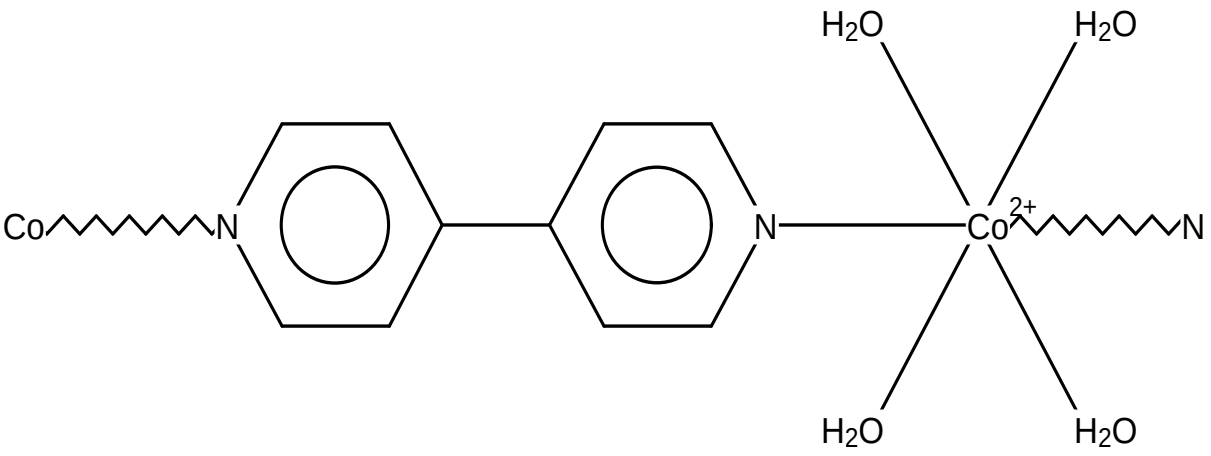
Reference: Shao-Ming Ying, Jiang-Gao Mao, Yan-Qiong Sun, Hui-Yi Zeng, Zhen-Chao Dong (2003) *Polyhedron ,***22,**3097

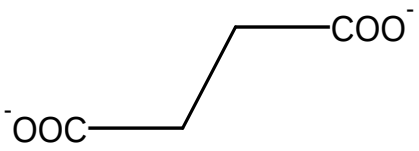
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt succinate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.167(0)	***b***	7.754(0)	***c*** 9.862(0)
Space Group No.:	2	***(Å,°)***	α	79.31(0)	β	87.75(0)	γ 71.29(0)

R-Factor (%): 7.04 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.548





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 564

EMARIT01

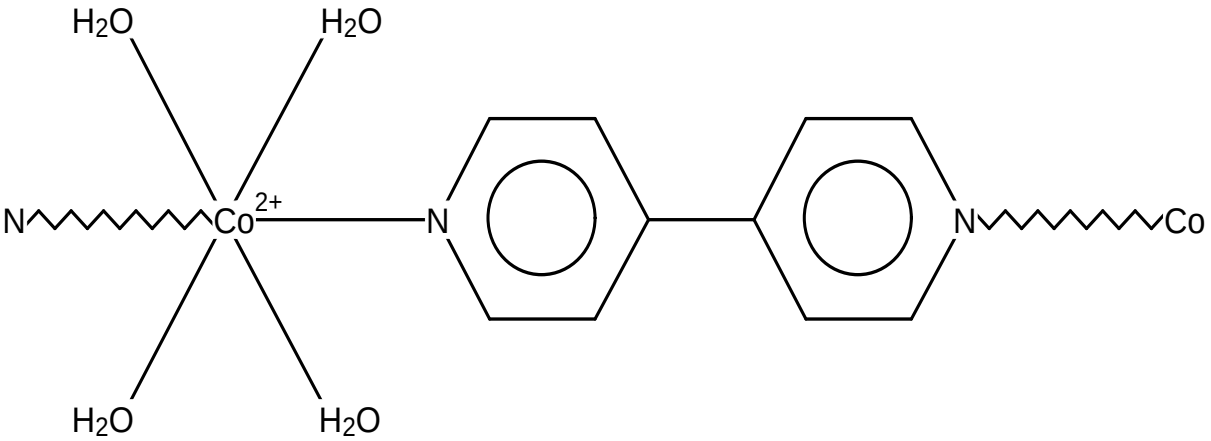
Reference: Hongyan Mao, Changzheng Zhang, Gang Li, Hongyun Zhang, Hongwei Hou, Linke Li, Qingan Wu, Yu Zhu, Enbo Wang (2004) *Dalton Trans.* ,3918

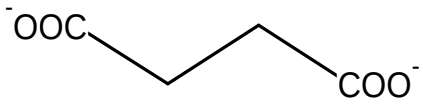
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetra-aqua-cobalt(ii) anti-anti-succinate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.753(1)	***b***	9.877(2)	***c*** 7.177(1)
Space Group No.:	2	***(Å,°)***	α	92.41(3)	β	108.69(3)	γ 79.28(3)

R-Factor (%): 3.12 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.543





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 565

EMARIT02

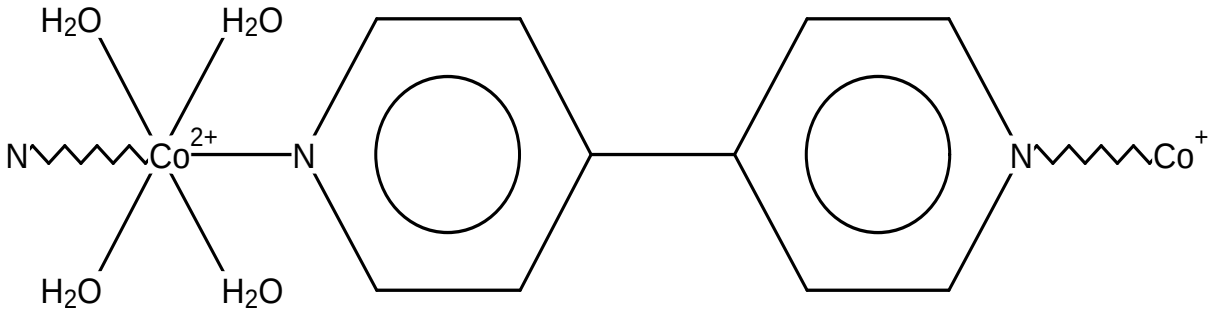
Reference: Jing Jin, Shu Yun Niu, Guang Di Yang, Ling Ye (2006)
Z.Anorg.Allg.Chem. ,**632,**2350

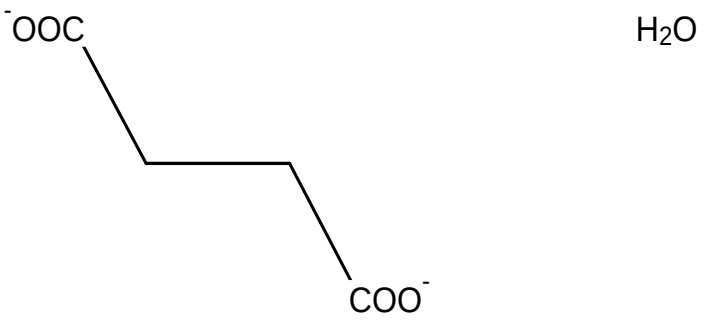
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetra-aqua-cobalt(ii) succinate tetrahydrate)

Space Group:	P1	***Cell:***	***a***	7.142(1)	***b***	7.728(1)	***c*** 9.808(1)
Space Group No.:	1	***(Å,°)***	α	79.32(0)	β	88.12(0)	γ 71.48(0)

R-Factor (%): 4.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.565





Search: search1 (Thu May 26 10:05:42 2011): Hit 566

EMATUH

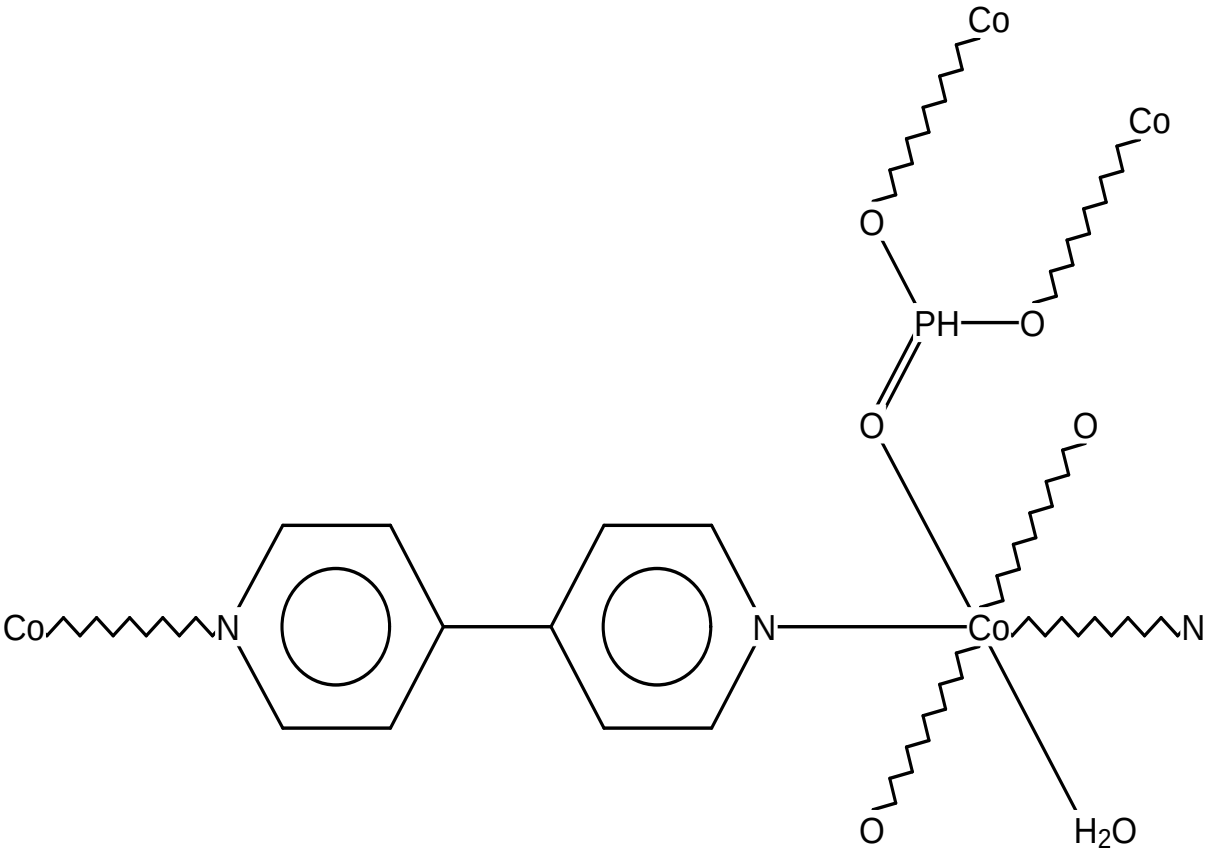
Reference: Ju-Hsiou Liao, Pei-Ling Chen, Che-Chih Hsu (2001)
J.Phys.Chem.Solids ,**62,**1629

Formula: $(C_{10}\ H_{11}\ Co_1\ N_2\ O_4\ P_1)n$

Compound Name: catena-((μ_3-Phosphito)-(μ_2-4,4'-bipyridine-N,N')-aqua-cobalt)

Space Group:	Cc	***Cell:***	***a***	22.477(7)	***b***	5.280(1)	***c***	10.404(4)
Space Group No.:	9	***(Å,°)***	α	90.00	β	96.08(3)	γ	90.00

R-Factor (%): 7.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.694



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 567

EMAVAP

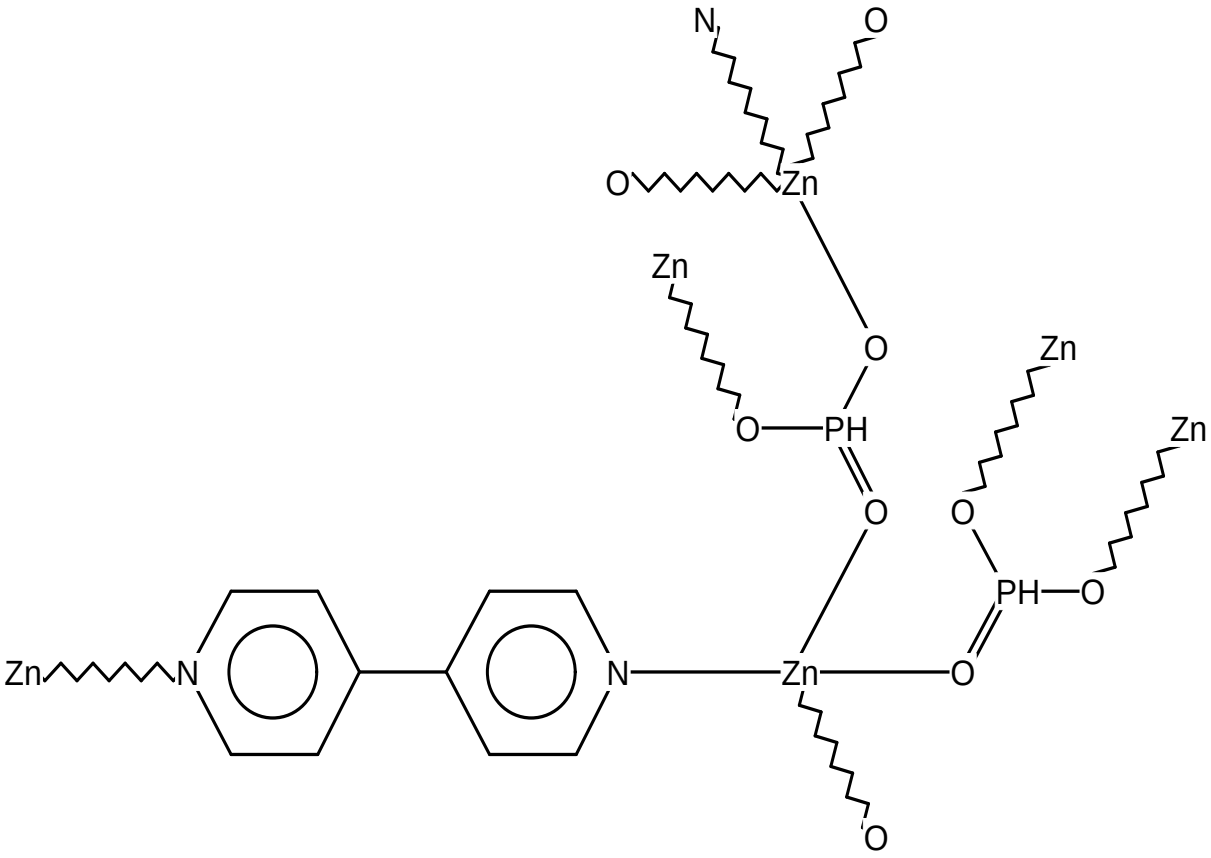
Reference: Ju-Hsiou Liao, Pei-Ling Chen, Che-Chih Hsu (2001)
J.Phys.Chem.Solids ,**62,**1629

Formula: $(C_{10}\ H_{10}\ N_2\ O_6\ P_2\ Zn_2)n$

Compound Name: catena-(bis(μ_3-Phosphito)-(μ_2-4,4'-bipyridine-N,N')-di-zinc)

Space Group:	P21/c	***Cell:***	***a***	9.758(2)	***b***	7.449(3)	***c*** 10.277(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.02(2)	γ 90.00

R-Factor (%): 4.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.018



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 568

EMAVAP01

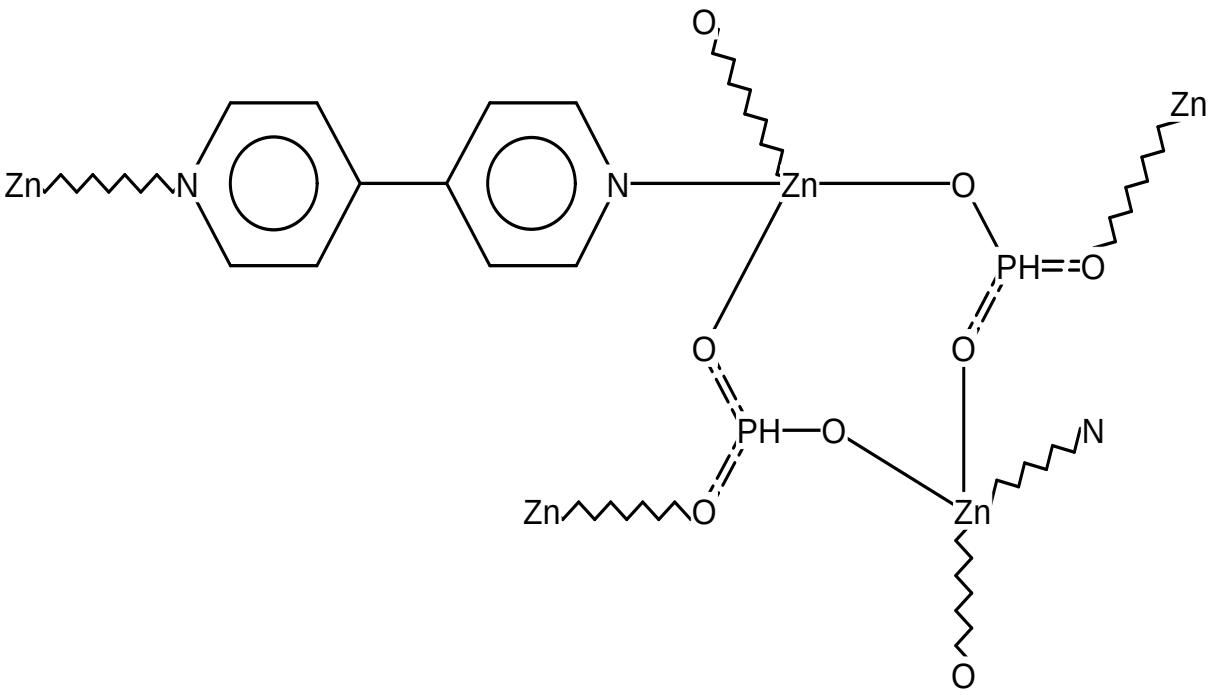
Reference: Zhi-En Lin, Jie Zhang, Shou-Tian Zheng, Guo-Yu Yang (2004) *Microporous and Mesoporous Materials* ,**68,**65

Formula: $(C_{10}\ H_{10}\ N_2\ O_6\ P_2\ Zn_2)n$

Compound Name: catena-(bis(μ_3-Phosphito)-(μ_2-4,4'-bipyridyl)-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	9.741(2)	***b***	7.442(1)	***c*** 10.271(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.04(0)	γ 90.00

R-Factor (%): 7.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.024



Search: search1 (Thu May 26 10:05:42 2011): Hit 569

EMAVET

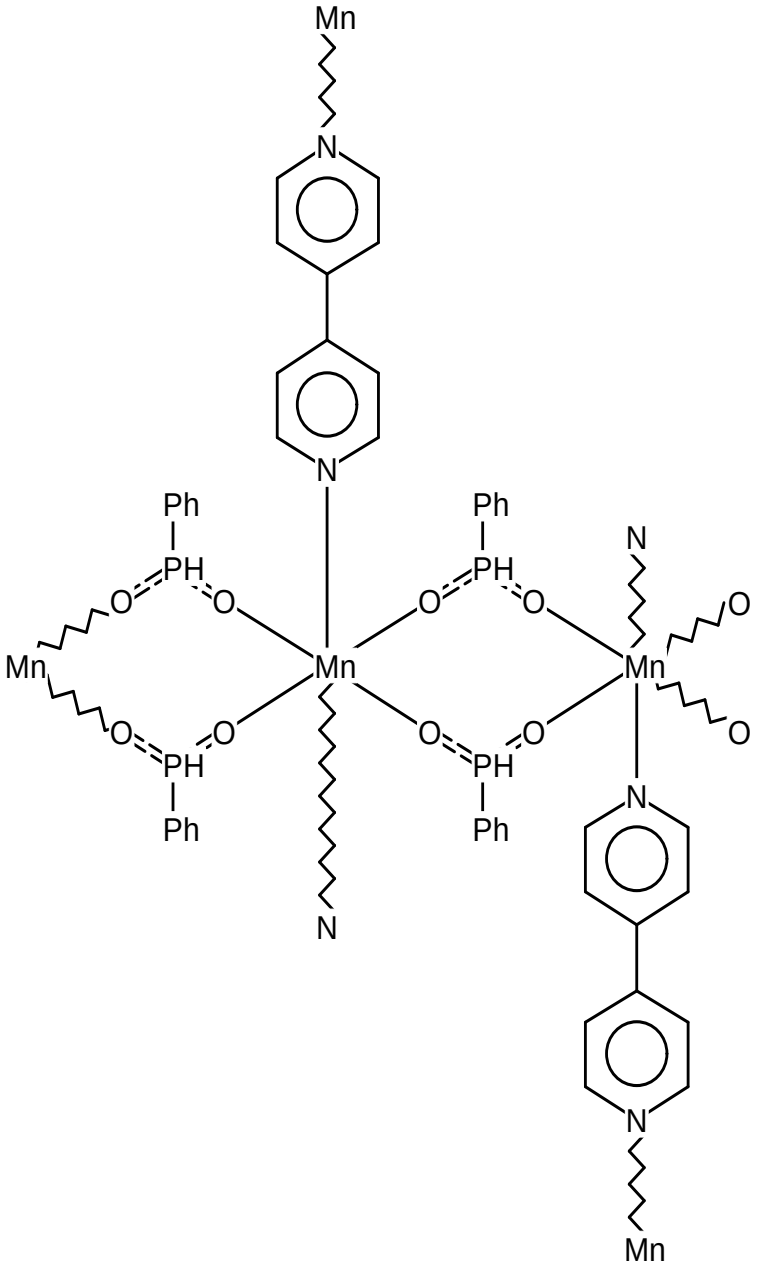
Reference: Ju-Hsiou Liao, Pei-Ling Chen, Che-Chih Hsu (2001)
J.Phys.Chem.Solids ,**62,**1629

Formula: $(C_{44}\ H_{40}\ Mn_2\ N_4\ O_8\ P_4)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-phenylphosphinato-O,O')-di-manganese)

Space Group:	P2/c	***Cell:***	***a***	10.174(1)	***b*** 11.817(3)	***c***	18.784(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.14(1)	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 570

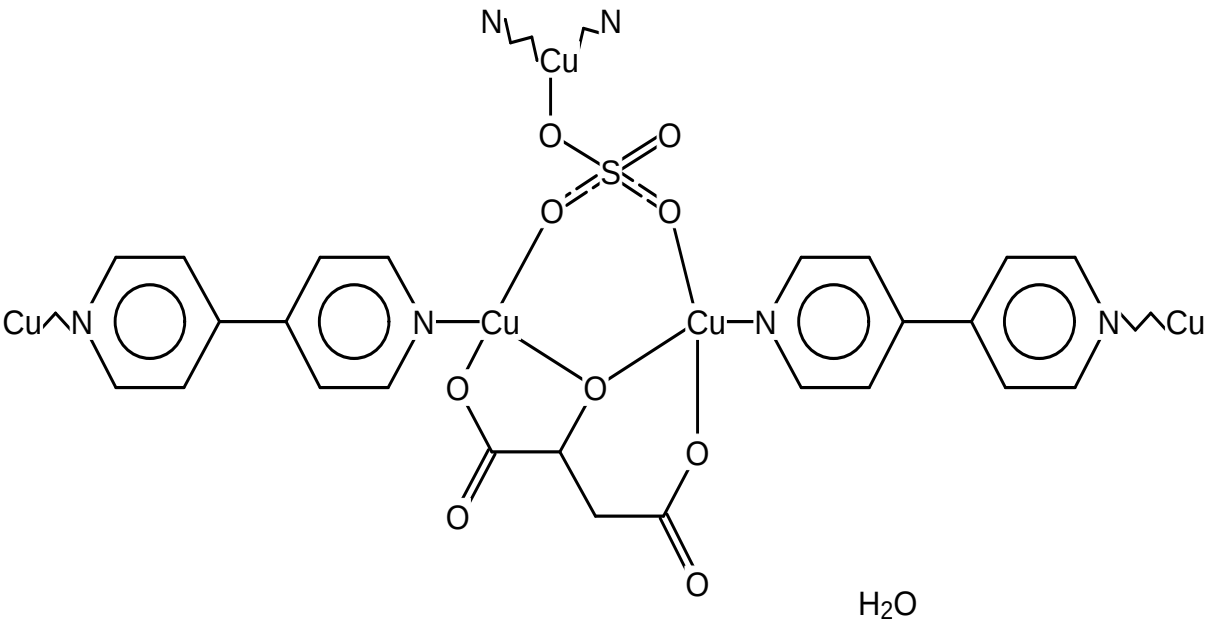
EMEDIJ

Reference: N.Lah, I.K.Cigic, I.Leban (2003) *Inorg.Chem.Commun.* ,**6,** 1441

Formula: $(C_{24}\ H_{19}\ Cu_3\ N_4\ O_9\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_3-Sulfato)-bis(μ_2-4,4'-bipyridine-N,N')-(μ_2-malato-O,O',O'',O''')-tri-copper(i,ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	8.174(0)	***b***	12.570(0)	***c*** 13.727(0)
Space Group No.:	2	***(Å,°)***	α	67.20(0)	β	79.27(0)	γ 87.76(0)
R-Factor (%):	4.64	***Temperature(K):***	150		***Density(g/cm^3):***		1.946



Search: search1 (Thu May 26 10:05:42 2011): Hit 571

EMURUZ

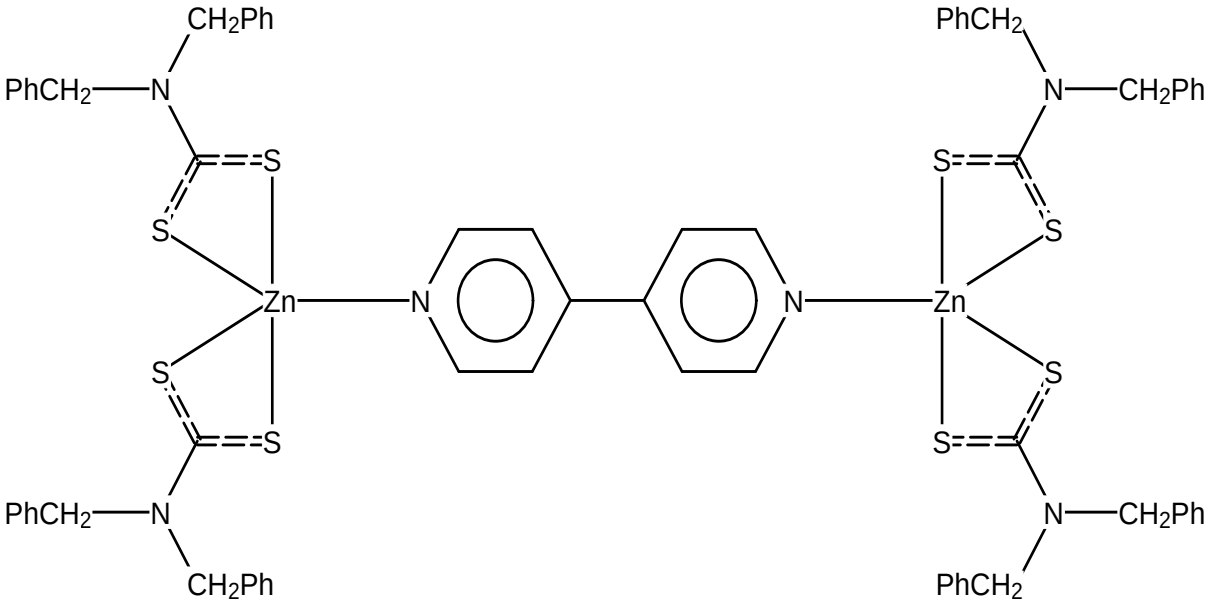
Reference: Xia Yin, Weiguang Zhang, Jun Fan, Feng Xian Wei, Chian Sing Lai, E.R.T.Tiekink (2003) *Appl.Organomet.Chem.* ,**17,**889

Formula: $C_{70}\ H_{64}\ N_6\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N-dibenzyldithiocarbamato-S,S')-di-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	10.688(0)	***b*** 12.628(0)	***c***	13.259(0)
Space Group No.:	2	***(Å,°)***	α	93.09(0)	β 104.49(0)	γ	108.27(0)

R-Factor (%): 4.60 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.404



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 572

ESAVID

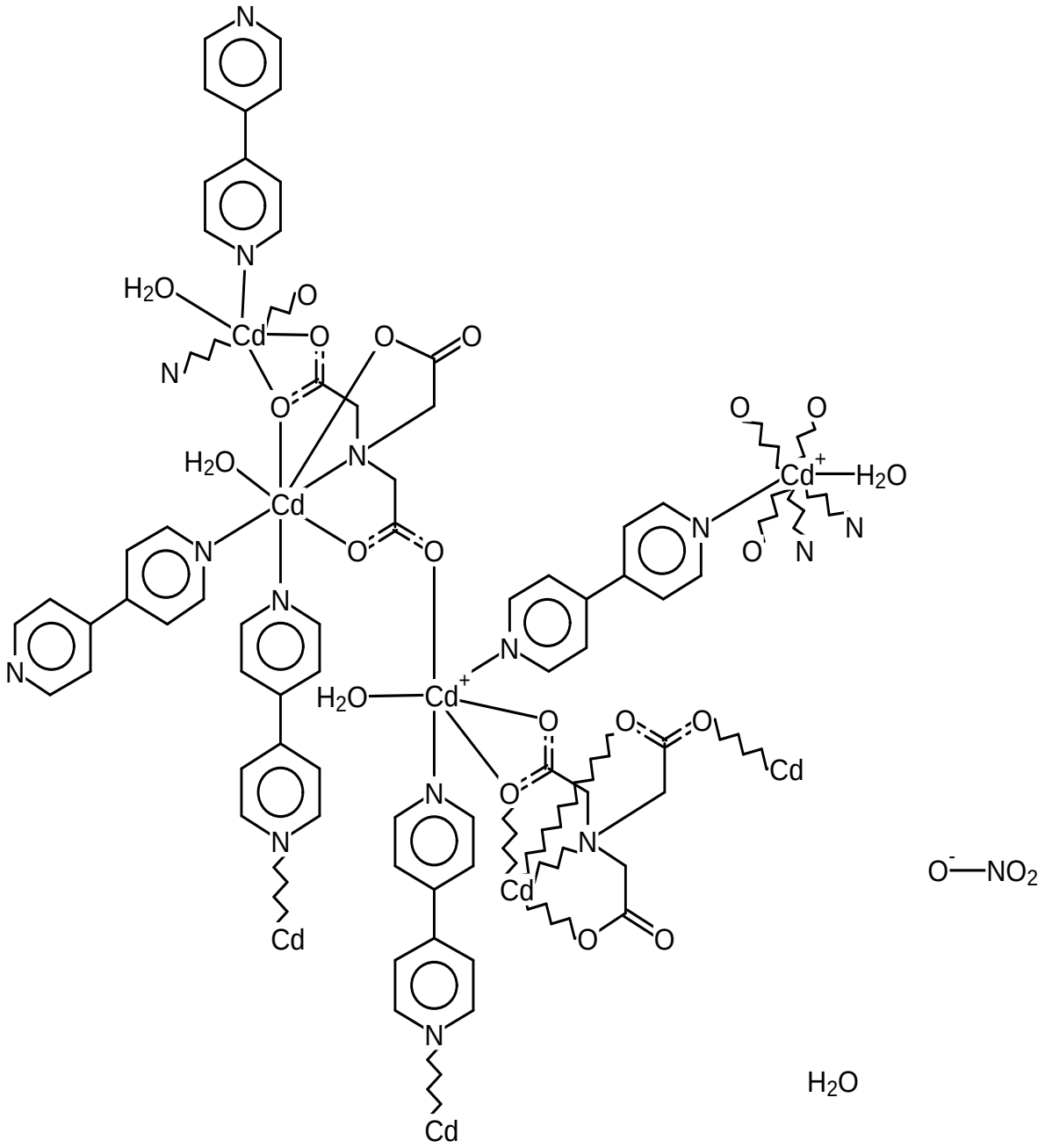
Reference: F.A.A.Paz, J.Klinowski (2003) *J.Phys.Org.Chem.* ,**16,**772

Formula: $(C_{62}\ H_{60}\ Cd_4\ N_{12}\ O_{16}\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-Nitrilotriacetato)-tris(μ_2-4,4'-bipyridyl)-tetraaqua-bis(4,4'-bipyridyl)-tetra-cadmium dinitrate dihydrate]

Space Group:	P-1	***Cell:***	***a*** 15.748(1)	***b*** 16.867(1)	***c*** 20.639(1)
Space Group No.:	2	***(Å,°)***	α 108.38(0)	β 96.21(0)	γ 116.62(0)

R-Factor (%): 13.76 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.374



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 573

ESAVOJ

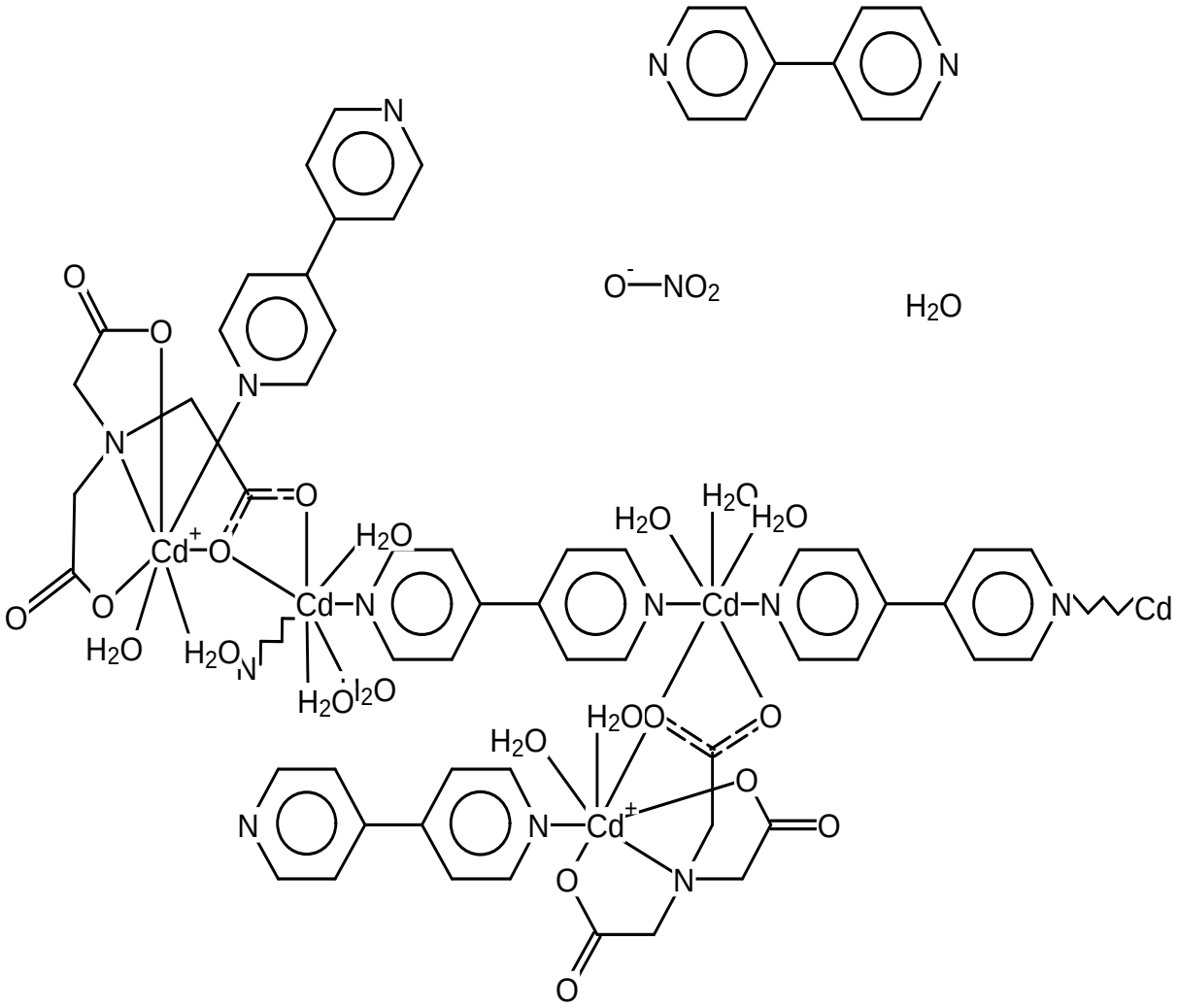
Reference: F.A.A.Paz, J.Klinowski (2003) *J.Phys.Org.Chem.* ,**16,**772

Formula: $(C_{52}\ H_{64}\ Cd_4\ N_{10}\ O_{22}\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),n(C_{10}\ H_8\ N_2),8n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-Nitrilotriacetate)-bis(μ_2-4,4'-bipyridyl)-decaaqua-bis(4,4'-bipyridyl)-tetra-cadmium dinitrate 4,4'-bipyridine octahydrate]

Space Group:	P21/c	***Cell:***	***a***	14.691(0)	***b***	11.902(0)	***c*** 23.304(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.95(0)	γ 90.00

R-Factor (%): 5.83 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.701



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 574

ESEVIH

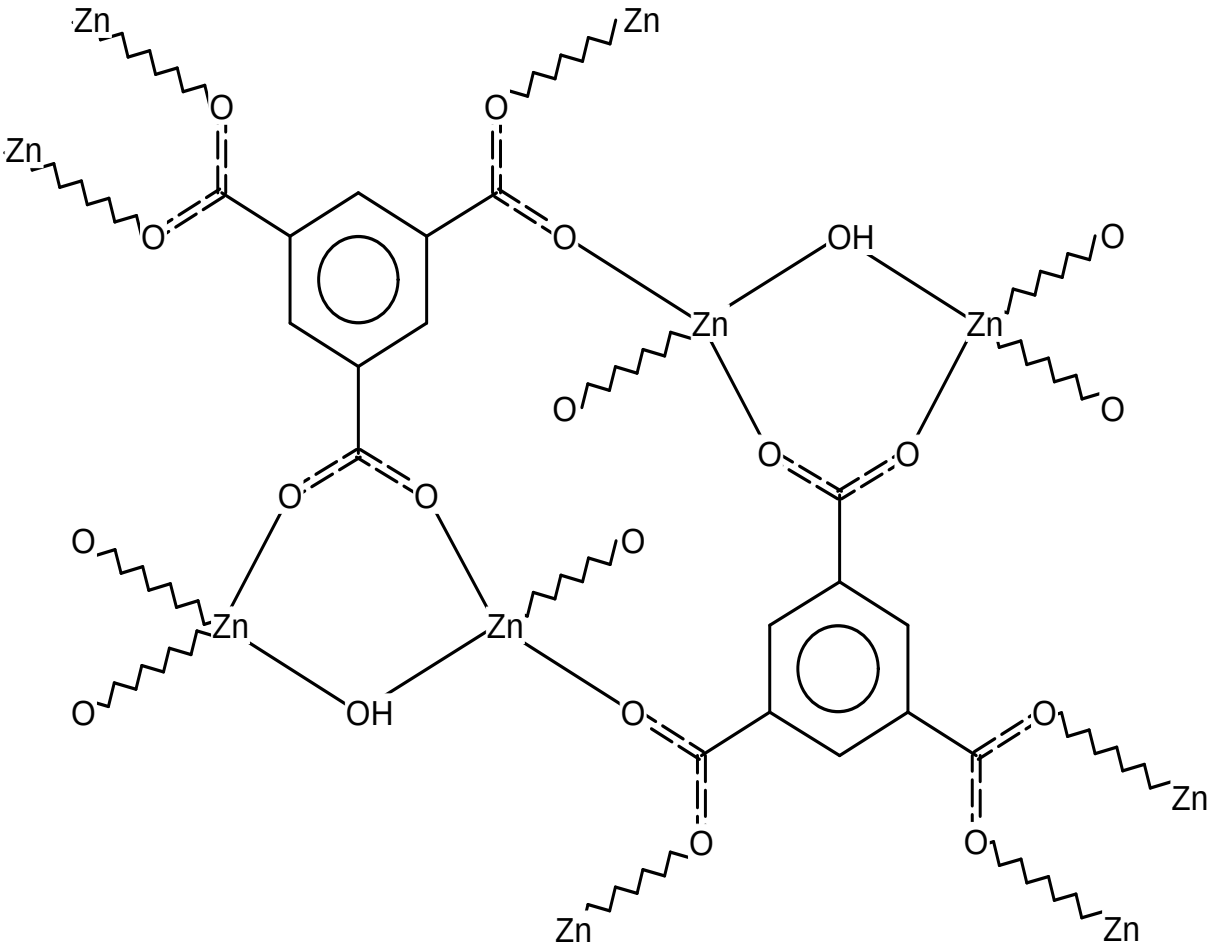
Reference: Zhan Shi, Guanghua Li, Lei Wang, Lu Gao, Xiaobo Chen, Jia Hua, Shouhua Feng (2004) *Cryst.Growth Des.* ,**4,**25

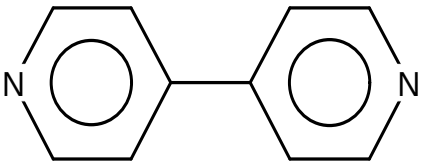
Formula: $(C_{18}\ H_8\ O_{14}\ Zn_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_6-Benzene-1,3,5-tricarboxylato)-bis(μ_2-hydroxo)-tetra-zinc 4,4'-bipyridine)

Space Group:	P4/mnc	***Cell:***	***a***	16.323(0)	***b***	16.323(0)	***c***	11.670(0)
Space Group No.:	128	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.850





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 575

EVATAW

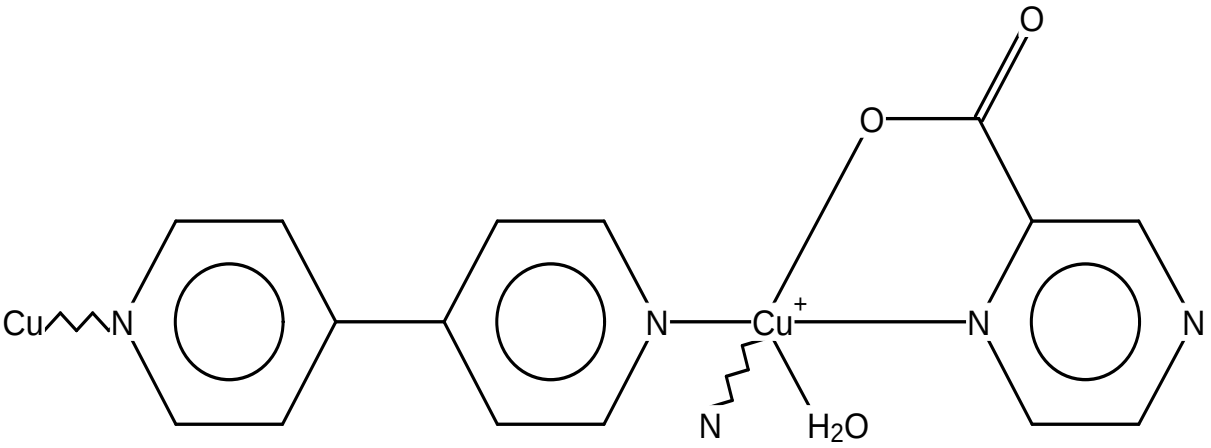
Reference: Jun-Hua Luo, Li-Hua Chen, Mao-Chun Hong, Rui-Hu Wang, Rong Cao, Lei Han, Jia-Bao Weng, Zheng-Zhong Lin (2003) *Chin.J.Chem. ,***21,**525

Formula: $(C_{15}\ H_{13}\ Cu_1\ N_4\ O_3\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-aqua-(pyrazine-2-carboxylato)-copper(ii) perchlorate monohydrate)

Space Group:	P21/n	***Cell:***	***a***	8.300(0)	***b*** 15.816(0)	***c***	15.384(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.54(0)	γ	90.00

R-Factor (%): 7.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.618



ClO_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 576

EVOMEH

Reference: E.Yang, Jian Zhang, Yi-Hang Wen, Yu-Biao Chen, Yao Kang, Zhao-Ji Li, Yuan-Gen Yao (2004) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**60,**m280

Formula: $(C_{60}\ H_{34}\ Cu_6\ N_6\ O_{26})n,2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_6-benzene-1,2,4,5-tetracarboxylato)-tris(μ_2-4,4'-bipyridine) -diaqua-hexa-copper(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.255(0)	***b***	10.821(0)	***c*** 13.726(1)
Space Group No.:	2	***(Å,°)***	α	91.31(0)	β	90.46(0)	γ 112.66(0)

R-Factor (%): 5.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.976

$n\text{-}Cu_6[\mu_6\text{-}C_{10}H_2O_8]_3[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_3[H_2O]_2$

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 577

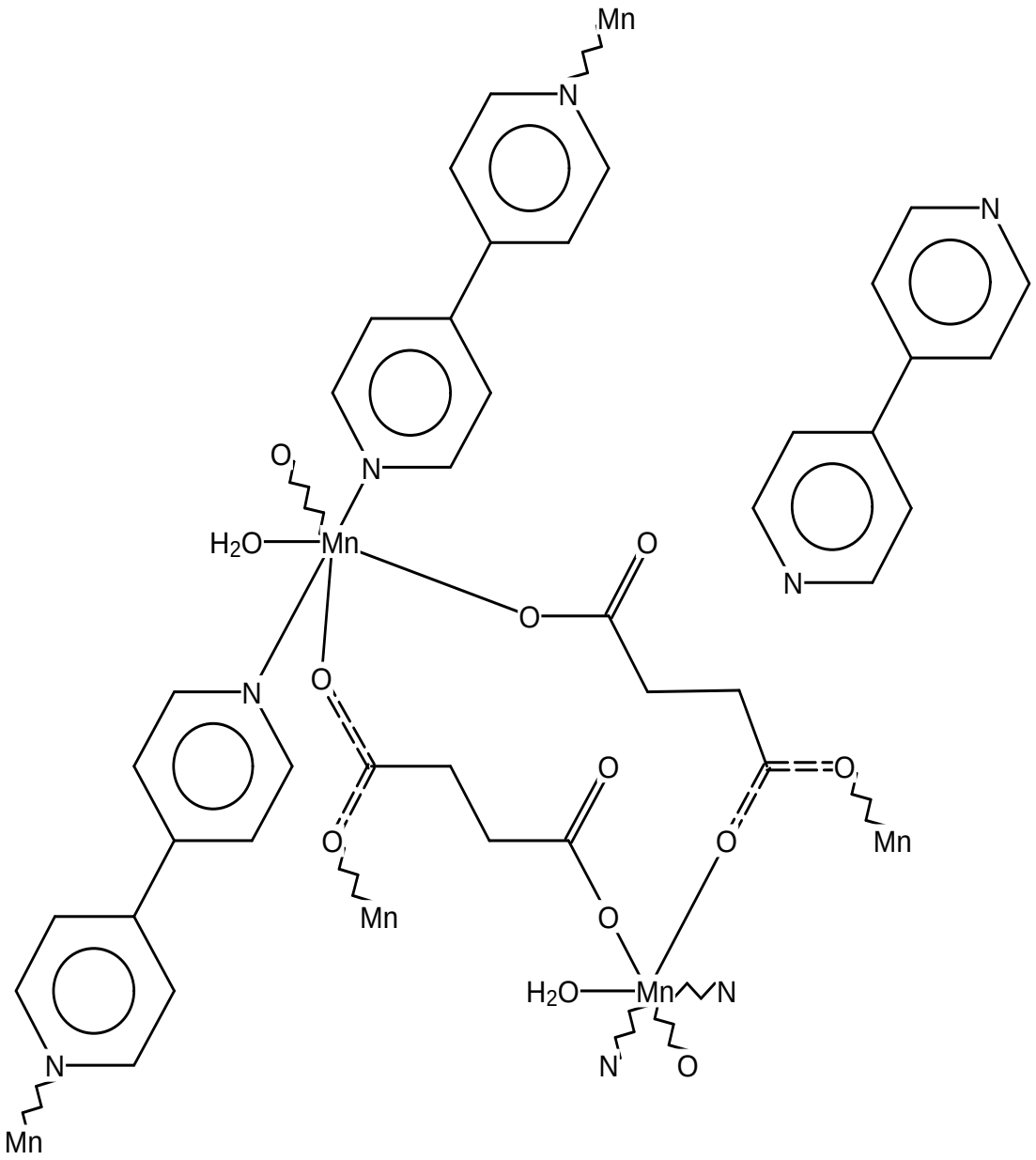
EVOMOR

Reference: Cheng-Bing Ma, Feng Chen, Chun-Xia Zhang, Ming-Qiang Hu, Chang-Neng Chen, Qiu-Tian Liu (2004) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***60,**m285

Formula: $(C_{28}\ H_{28}\ Mn_2\ N_4\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((μ3-succinato)-(μ2-4,4'-bipyridine)-aqua-manganese(ii)) 4,4'-bipyridine clathrate)

Space Group:	P21/c	***Cell:***	***a***	11.707(1)	***b***	17.882(1)	***c*** 8.865(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.71(0)	γ 90.00
R-Factor (%):	5.42	***Temperature(K):***	293		***Density(g/cm3):***	1.537	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 578

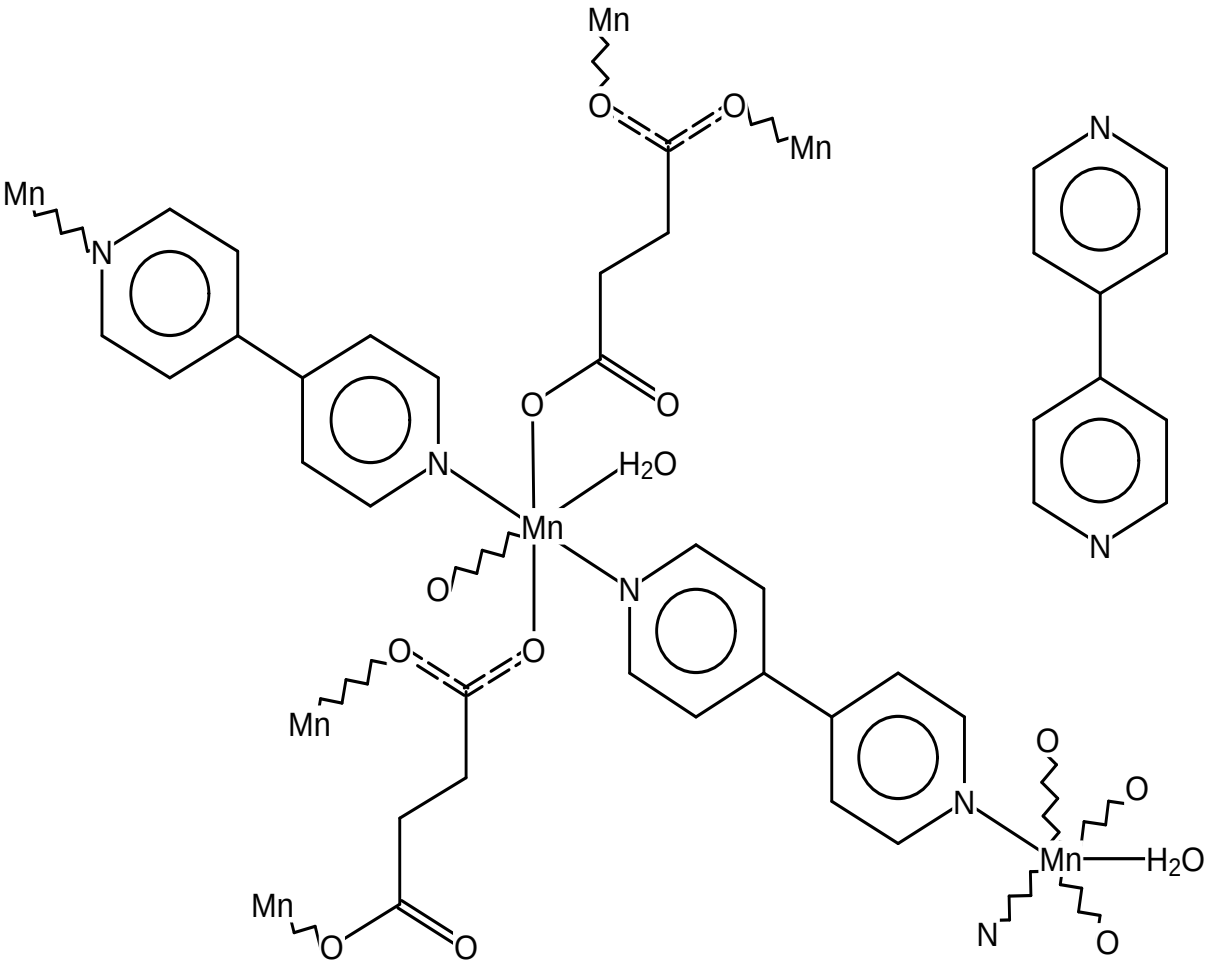
EVOMOR01

Reference: Y.-Q.Zheng, J.-L.Lin, Z.-P.Kong (2004) *Inorg.Chem.* ,**43,** 2590

Formula: $(C_{28}\ H_{28}\ Mn_2\ N_4\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[bis(μ_3-Succinato)-bis(μ_2-4,4'-bipyridyl)-diaqua-di-manganese(ii) 4,4'-bipyridine solvate]

Space Group:	P21/c	***Cell:***	***a***	11.686(2)	***b***	17.847(2)	***c*** 8.852(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.67(1)	γ 90.00
R-Factor (%):	5.45	***Temperature(K):***	293		***Density(g/cm^3):***		1.545



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 579

EVUQIV

Reference: D.V.Soldatov, I.L.Moudrakovski, C.I.Ratcliffe, R.Dutrisac, J.A.Ripmeester (2003) *Chem.Mater. ,***15,**4810

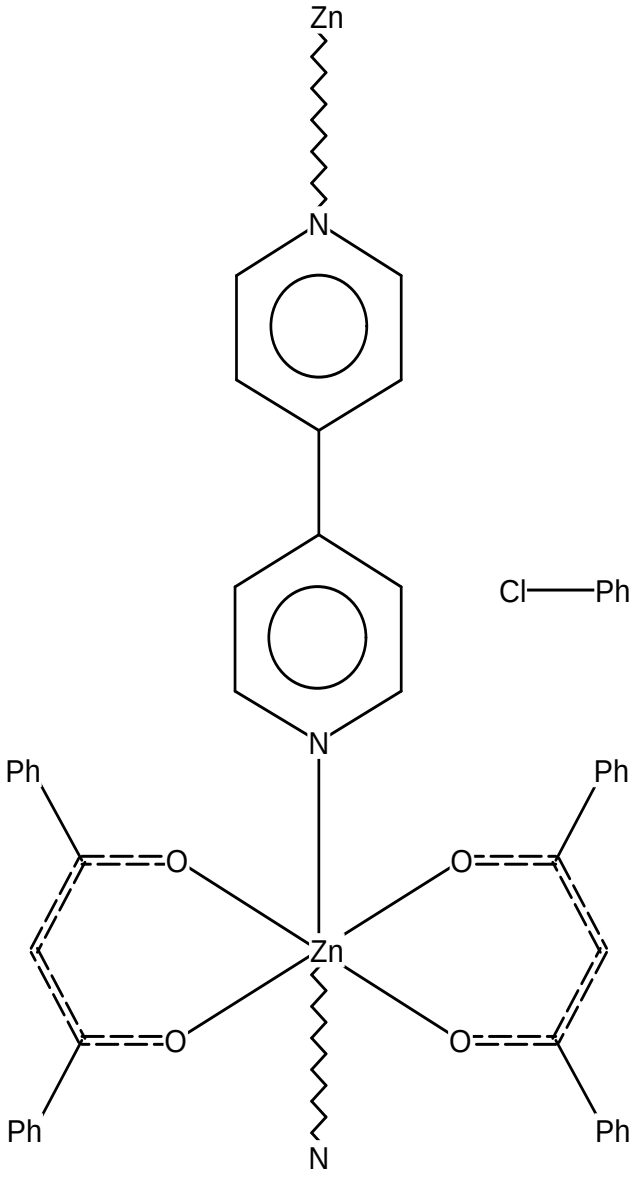
Formula: $(C_{40}\ H_{30}\ N_2\ O_4\ Zn_1)n,2n(C_6\ H_5\ Cl_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl-N,N')-bis(1,3-diphenylpropane-1,3-dionato-O,O')-zinc(ii) bis(chlorobenzene) clathrate)

Synonym: catena-(μ_2-4,4'-Bipyridyl-N,N')-bis(dibenzoylmethanato-O,O')-zinc(ii) bis(chlorobenzene) clathrate)

Space Group:	P21/n	***Cell:***	***a*** 10.711(2)	***b*** 19.313(3)	***c*** 21.580(3)
Space Group No.:	14	***(Å,°)***	α 90.00	β 97.01(1)	γ 90.00

R-Factor (%): 3.27 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.339



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 580

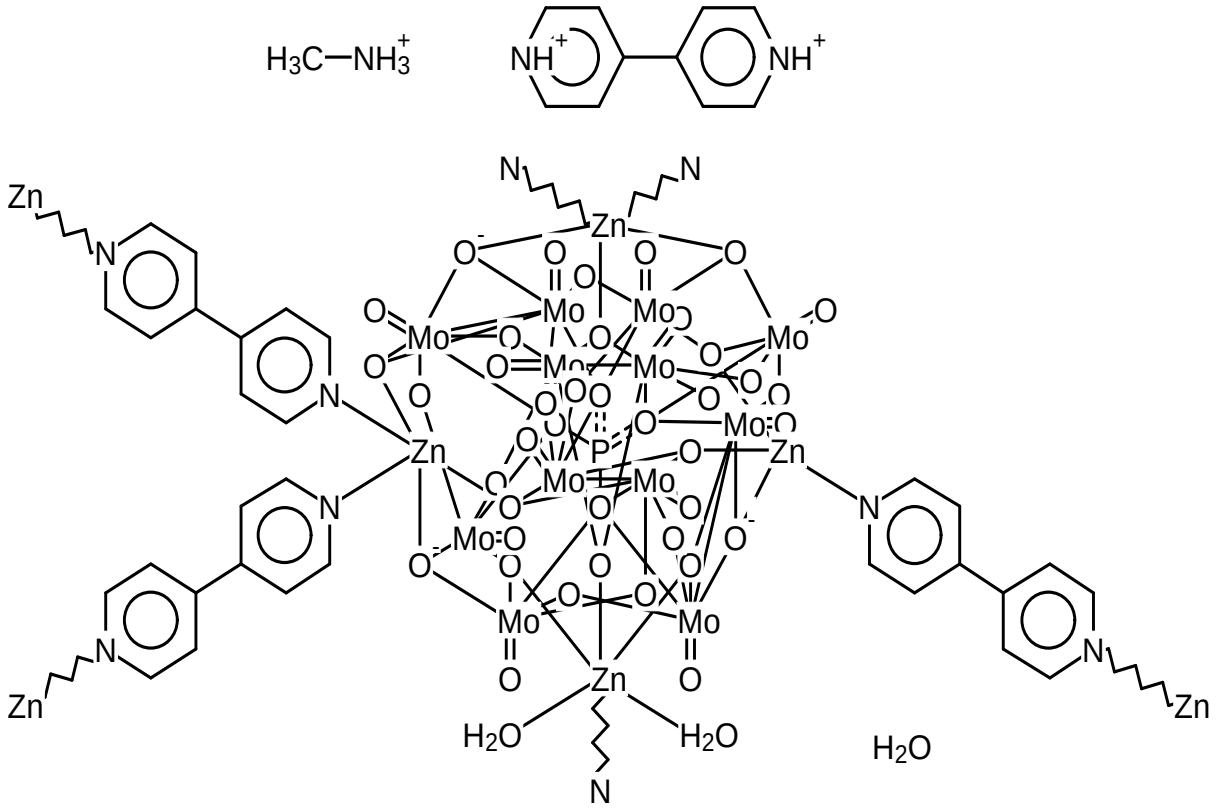
EVUTEU

Reference: Chong Lei, Jiang-Gao Mao, Yan-Qiong Sun, Jun-Ling Song (2004) *Inorg.Chem. ,***43,**1964

Formula: $(C_1\ H_6\ N_1\ ^{1+})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(C_{30}\ H_{28}\ Mo_{12}\ N_6\ O_{42}\ P_1\ Zn_4\ ^{3-}),4n(H_2\ O_1)$

Compound Name: catena-(Methylammonium 4,4'-bipyridinium (μ_{12}-phosphato)-dodecakis(μ_3-oxo)-tris(μ_2-4,4'-bipyridyl)-dodecakis(μ_2-oxo)-diaqua-dodecaoxo-dodeca-molybdenum(v,vi)-tetra-zinc(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	17.303(0)	***b*** 17.811(0)	***c***	23.460(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.41(0)	γ	90.00
R-Factor (%):	5.86	***Temperature(K):***	293		***Density(g/cm^3):***		2.730



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 581

EWONIN

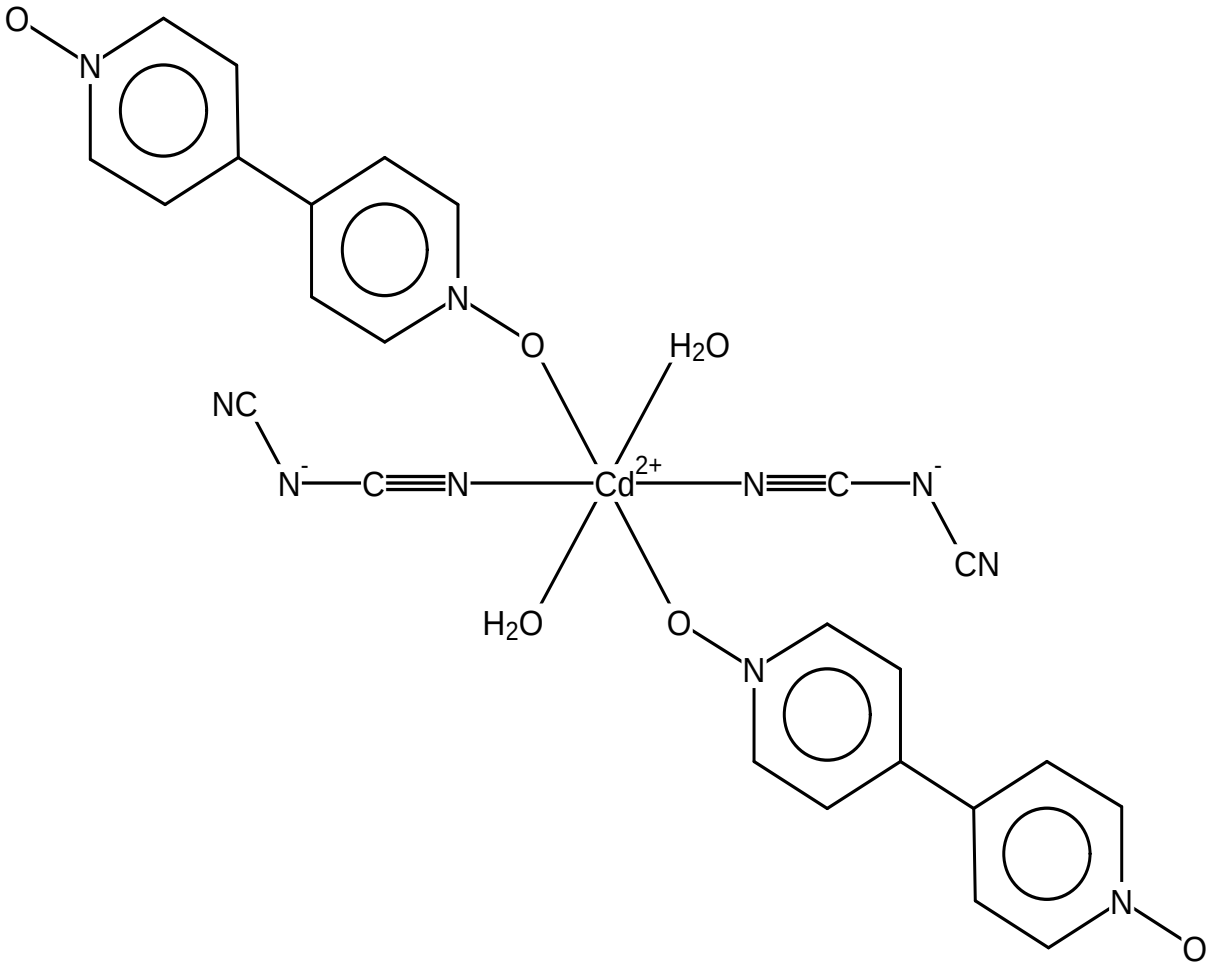
Reference: Yanqing Xu, Daqiang Yuan, Ying Xu, Wenhua Bi, Youfu Zhou, Maochun Hong (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m713

Formula: $C_{24}\,H_{20}\,Cd_1\,N_{10}\,O_6$

Compound Name: Diaqua-bis(4,4'-bipyridine N,N'-dioxide-κO)-bis(dicyanamide)-cadmium(ii)

Space Group:	P-1	***Cell:***	***a***	8.204(0)	***b***	8.850(1)	***c*** 9.667(1)
Space Group No.:	2	***(Å,°)***	α	70.87(0)	β	79.07(0)	γ 73.18(0)

R-Factor (%): 3.35 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.728



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 582

EXEZIQ

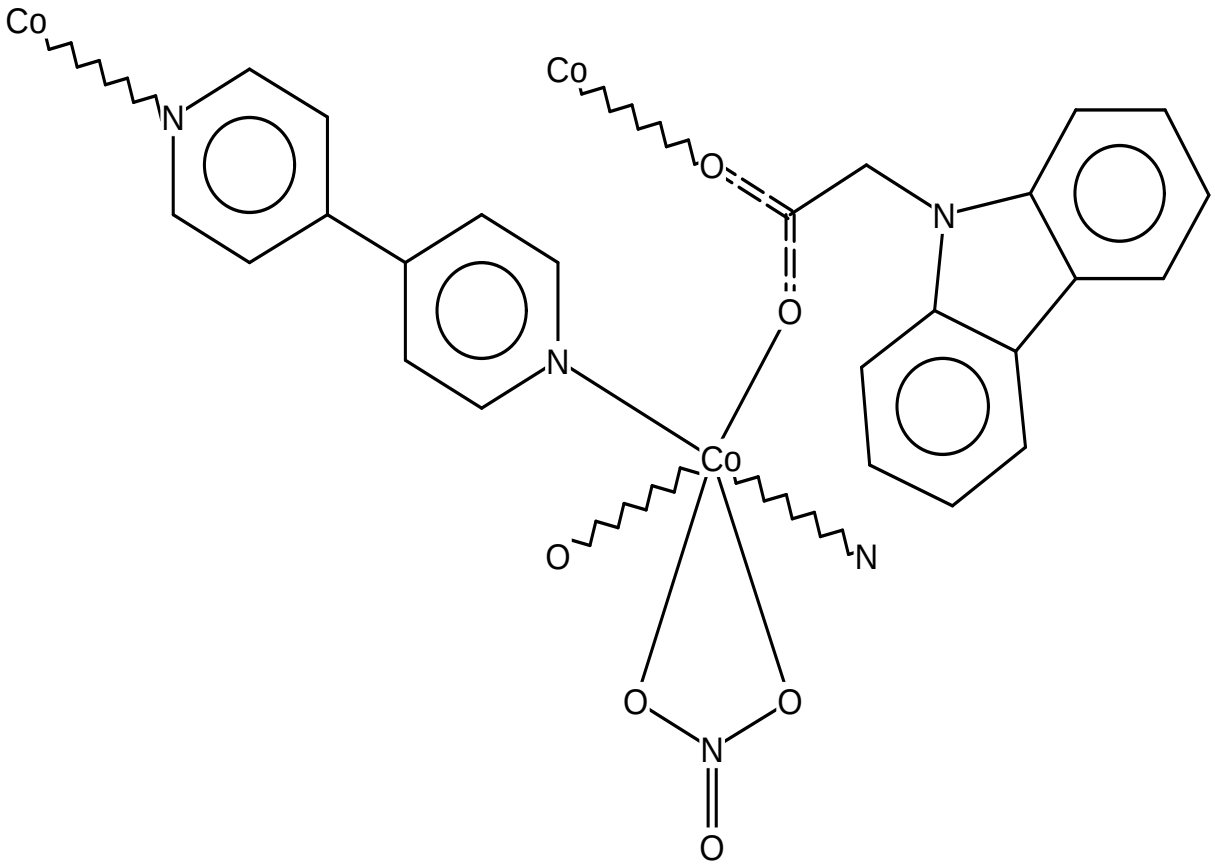
Reference: Jie-Ying Wu, Yue-Li Pan, Xuan-Jun Zhang, Ming-Liang Zhang, Yu-Peng Tian, Hoong-Kun Fun (2003) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**19,**1347

Formula: $(C_{24}\ H_{18}\ Co_1\ N_4\ O_5)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-N-carbazolylacetato-O,O')-(nitrato-O,O')-cobalt(ii))

Space Group:	P21/n	***Cell:***	***a***	11.382(0)	***b***	16.257(0)	***c*** 12.483(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	111.53(0)	γ 90.00

R-Factor (%): 4.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.550



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 583

EXOCOJ

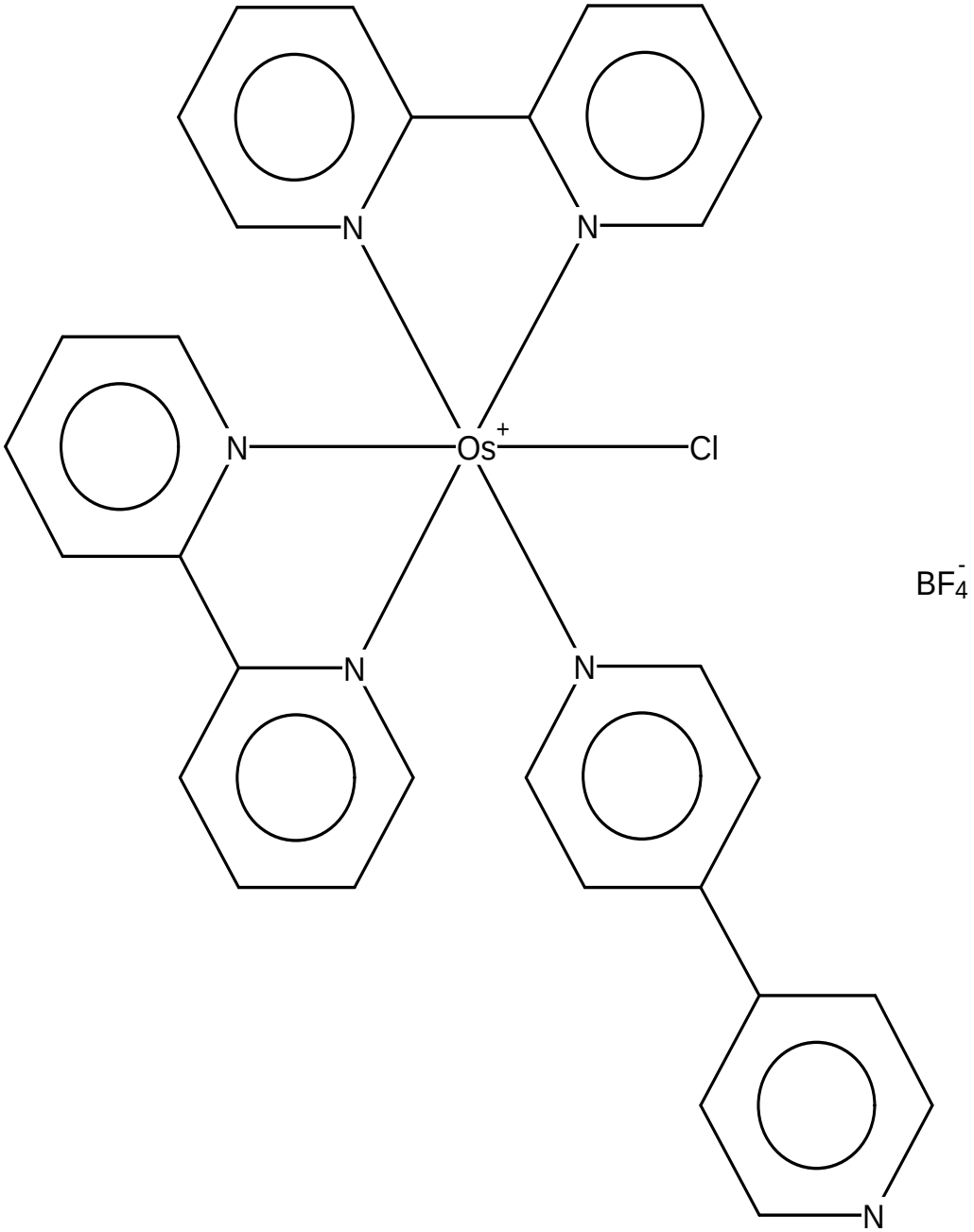
Reference: A.D.Ryabov, N.V.Roznyatovskaya, K.Suwinska, M.Revenco, A.Y.Ershov (2003) *J.Biol.Inorg.Chem.(JBIC)* ,**8,**815

Formula: $C_{30}\ H_{24}\ Cl_1\ N_6\ Os_1\ ^{1+},B_1\ F_4\ ^{1-}$

Compound Name: bis(2,2'-Bipyridyl)-(4,4'-bipyridyl)-chloro-osmium(ii) tetrafluoroborate

Space Group:	P21/c	***Cell:***	***a***	16.519(0)	***b*** 12.940(0)	***c***	21.704(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 143.08(0)	γ	90.00

R-Factor (%): 2.92 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.862



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 584

EXOHAA

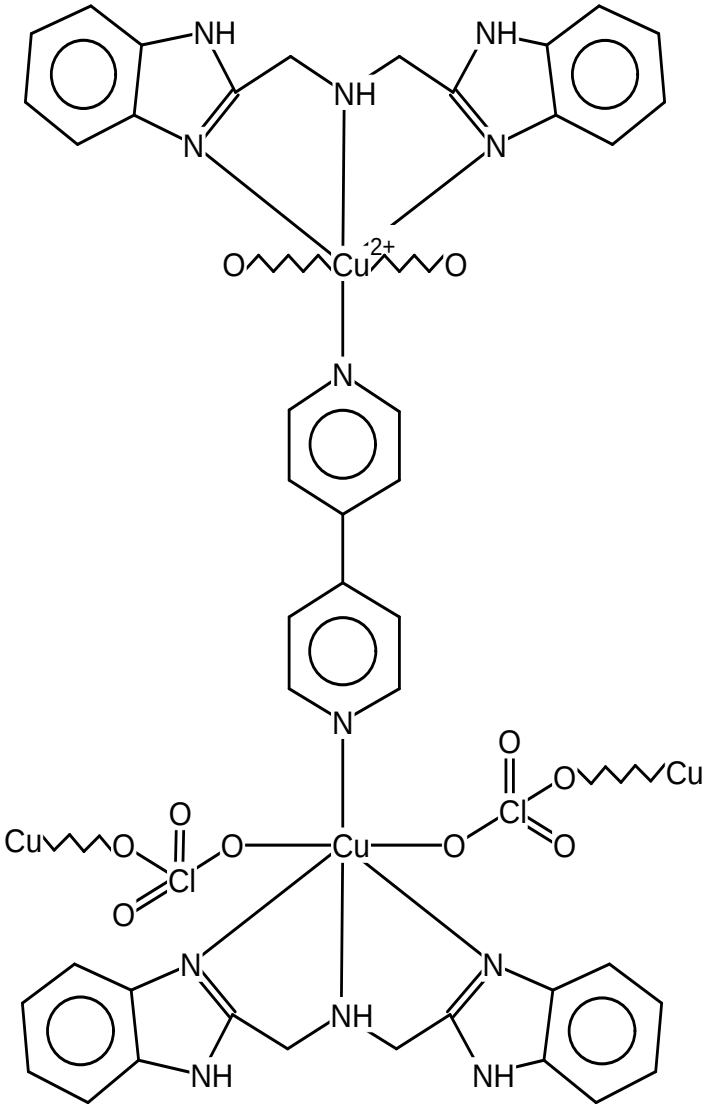
Reference: Xiao-Lan Liu, Ru Zhao, Xiao-Hong Liu, Jun-Jie Yue, Yu-Xin Yin, Yun Sun, Xin Zhang (2003) *Chin.J.Chem. ,***21,**1047

Formula: $(C_{42}\ H_{38}\ Cl_2\ Cu_2\ N_{12}\ O_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-Perchlorato)-(μ_2-4,4'-bipyridyl)-bis(N,N'-bis(benzimidazol-2-ylmethyl)amine)-di-copper(ii) diperchlorate monohydrate]

Space Group:	Cc	***Cell:***	***a***	27.710(40)	***b*** 9.432(11)	***c***	25.010(30)
Space Group No.:	9	***(Å,°)***	α	90.00	β 120.17(5)	γ	90.00

R-Factor (%): 6.61 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.474



H_2O

ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 585

EXOHAA01

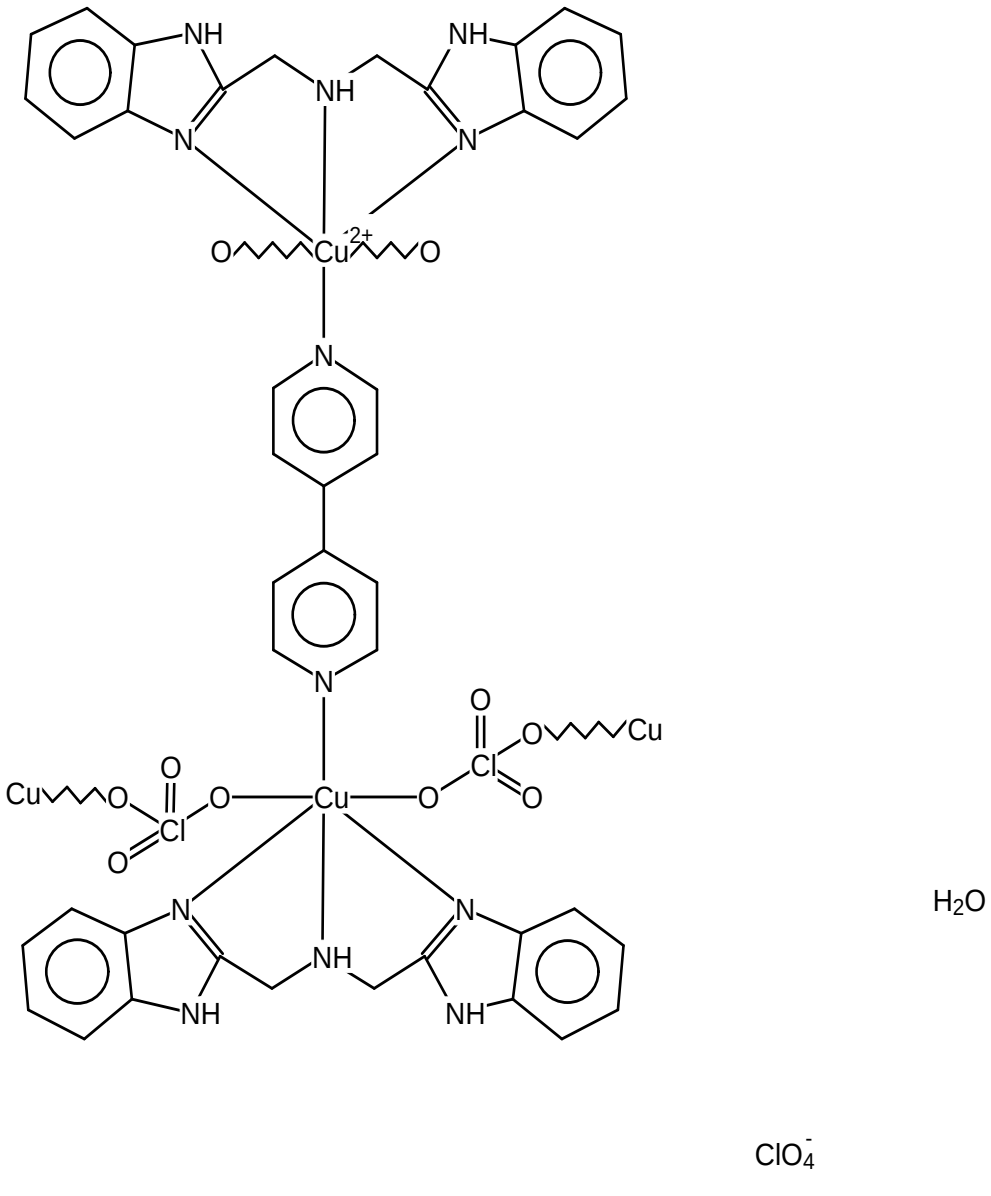
Reference: Jun-jie Yue, Jian-zhong Huo, Ru Zhao, Yun Sun, Xiao-lan Liu, Fang-ming Miao (2003) *Tianjin Shif.Dax.Xue.Zir.Kex.(Chin.)(J.Tianjin Normal Univ.(Nat.Sci.Ed.))* , **23,**13-1

Formula: $(C_{42}\ H_{38}\ Cl_2\ Cu_2\ N_{12}\ O_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Perchlorato)-(μ_2-4,4'-bipyridyl)-bis(N,N-bis(benzimidazol-2-ylmethyl)amine)-di-copper(ii) diperchlorate monohydrate)

Space Group:	Cc	***Cell:***	***a***	27.710(40)	***b*** 9.432(11)	***c***	25.010(30)
Space Group No.:	9	***(Å,°)***	α	90.00	β 120.17(5)	γ	90.00

R-Factor (%): 6.61 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.474



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 586

EYELID

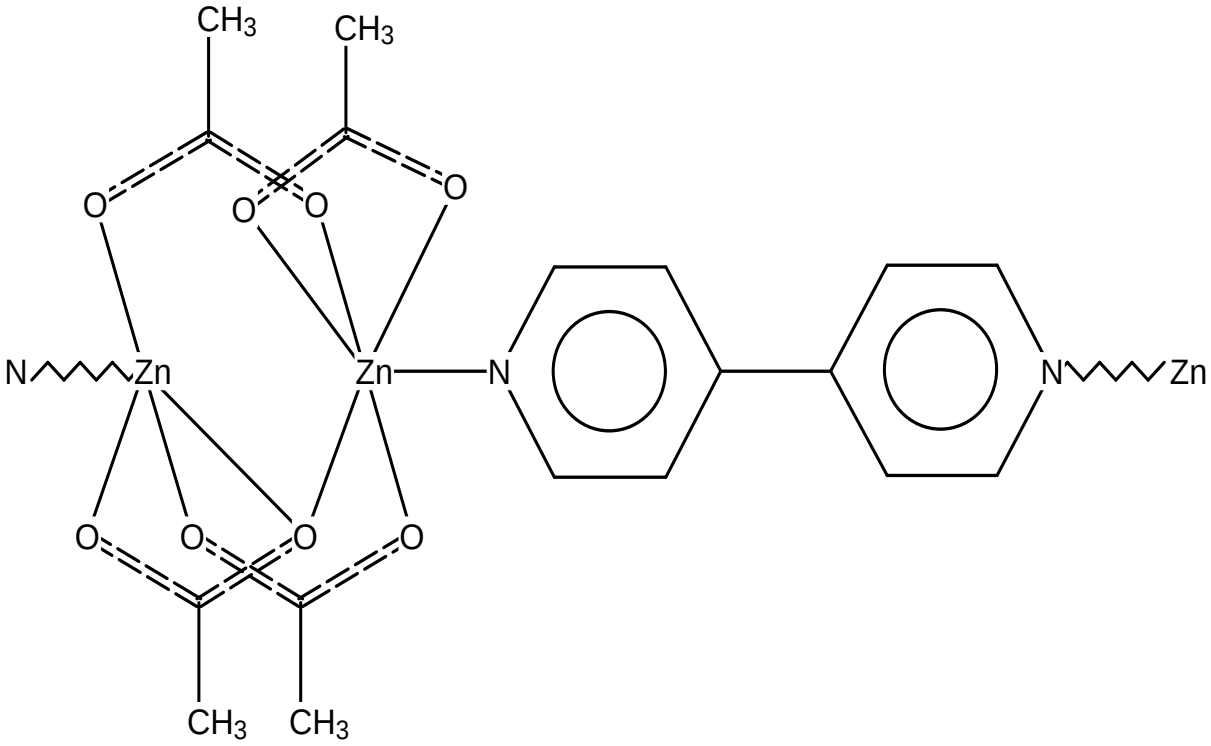
Reference: Ting-Wai Lee, Jasmine Po-Kwan Lau, Wing-Tak Wong (2004) *Polyhedron* ,**23,**999

Formula: $(C_{18}\ H_{20}\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-((μ_2-Acetato-O,O,O')-bis(μ_2-acetato-O,O')-(μ_2-4,4'-bipyridine)-(acetato-O,O')-di-zinc(ii))

Space Group:	Pna21	***Cell:***	***a***	26.918(1)	***b***	7.971(0)	***c***	10.456(0)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.57 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.549



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 587

EYEQUU

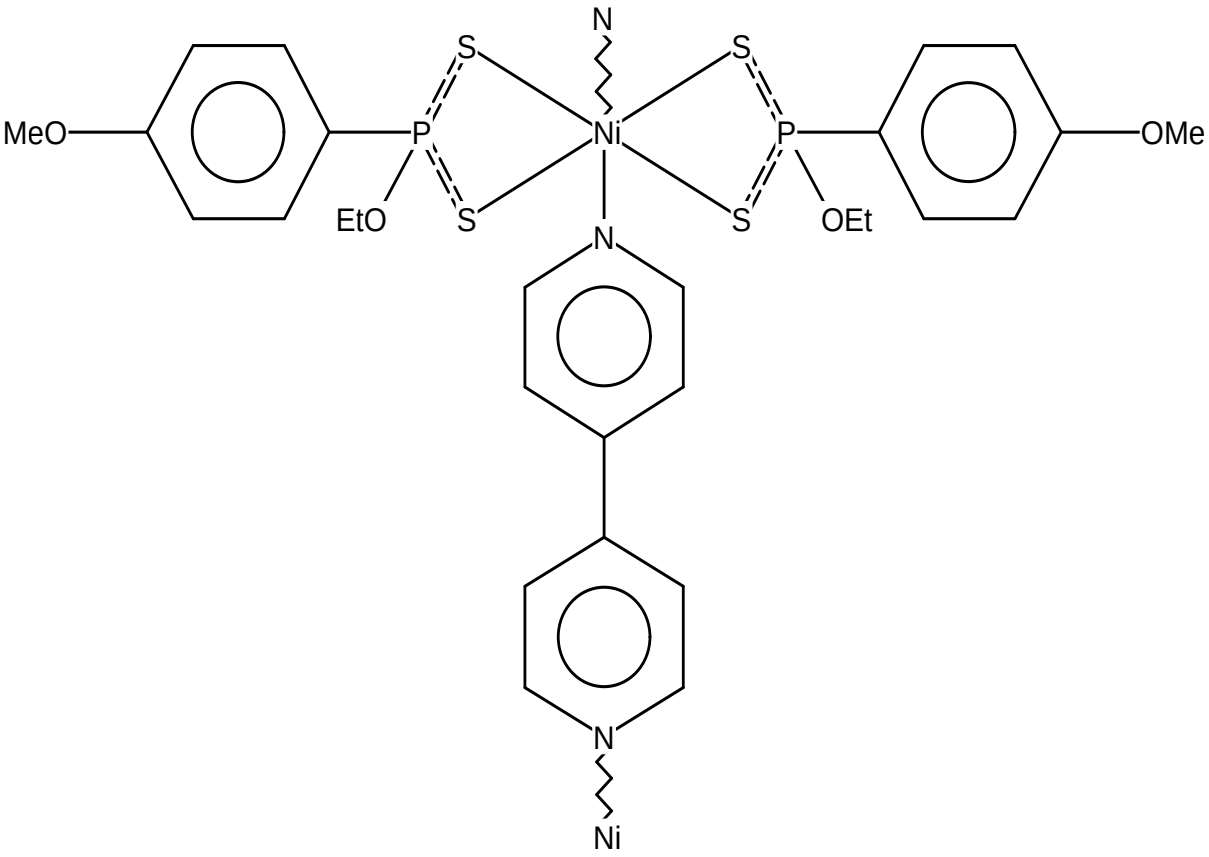
Reference: M.C.Aragoni, M.Arca, N.R.Champness, A.V.Chernikov, F.A.Devillanova, F.Isaia, V.Lippolis, N.S.Oxtoby, G.Verani, S.Z.Vatsadze, C.Wilson (2004) *Eur.J.Inorg.Chem.* ,2008

Formula: $(C_{28}\ H_{32}\ N_2\ Ni_1\ O_4\ P_2\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(4-methyoxyphenyl-O-ethylphosphonodithioato)-nickel(ii))

Space Group:	P-1	***Cell:***	***a***	8.123(3)	***b***	9.910(3)	***c*** 10.126(3)
Space Group No.:	2	***(Å,°)***	α	89.48(0)	β	76.33(0)	γ 77.67(0)

R-Factor (%): 3.97 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 588

EYIMEE

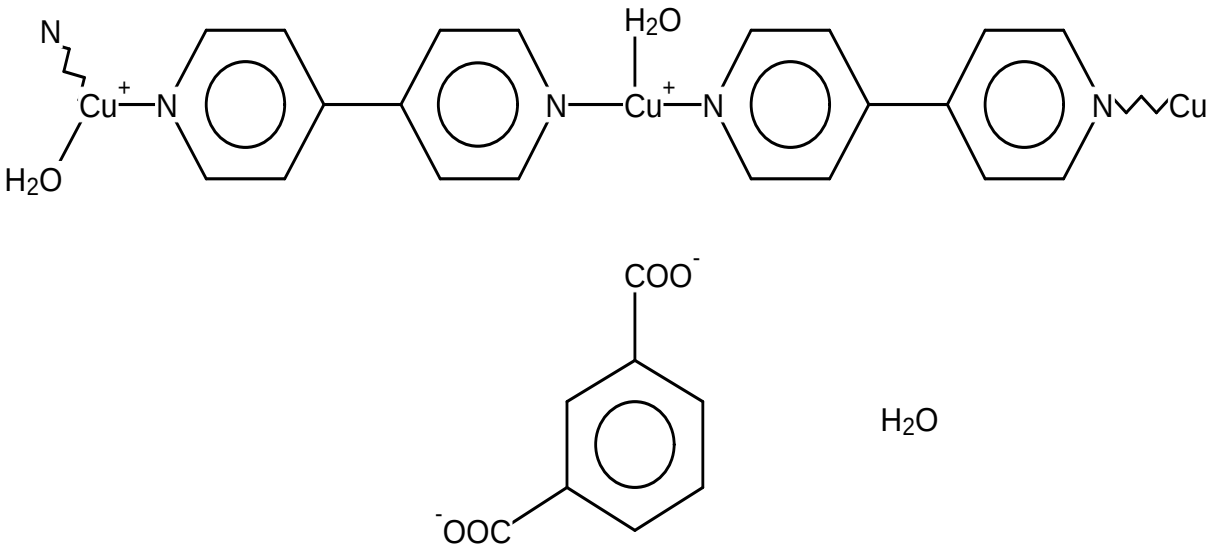
Reference: Yi-Hang Wen, Ye-Yan Qin, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Yao Kang, Yuan-Gen Yao (2004) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**60,**m371

Formula: $(C_{20}\ H_{20}\ Cu_2\ N_4\ O_2\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-(aqua)-copper(i)) (isophthalate) dihydrate)

Space Group:	Pbcn	***Cell:***	***a***	21.610(0)	***b***	7.216(0)	***c***	17.653(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.86 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.630



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 589

EYUVAV

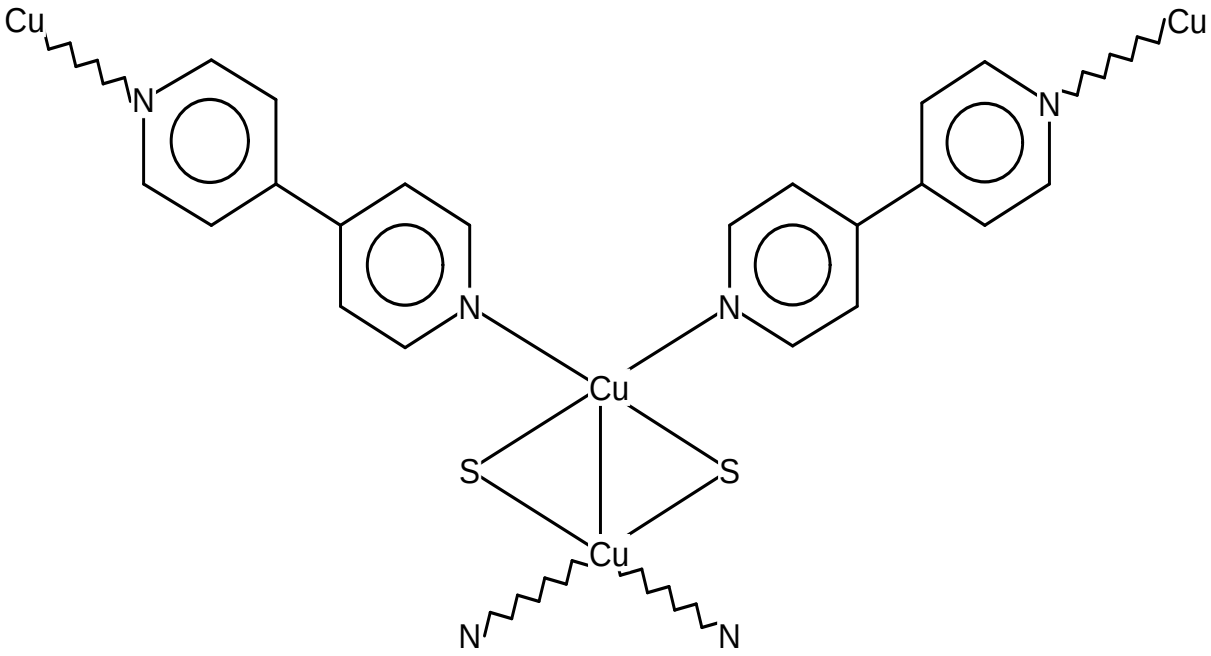
Reference: Xiaojun Gu, Zhenyu Shi, Jun Peng, Yanhui Chen, Enbo Wang, Ninghai Hu (2004) *J.Mol.Struct. ,***694,**219

Formula: $(C_{20}\ H_{16}\ Cu_2\ N_4\ S_2)n$

Compound Name: catena-(bis((μ$_2$-Sulfido)-(μ$_2$-4,4'-bipyridyl)-copper(ii)))

Space Group:	I41/acd	***Cell:***	***a***	14.069(0)	***b***	14.069(0)	***c***	38.759(2)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.744



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 590

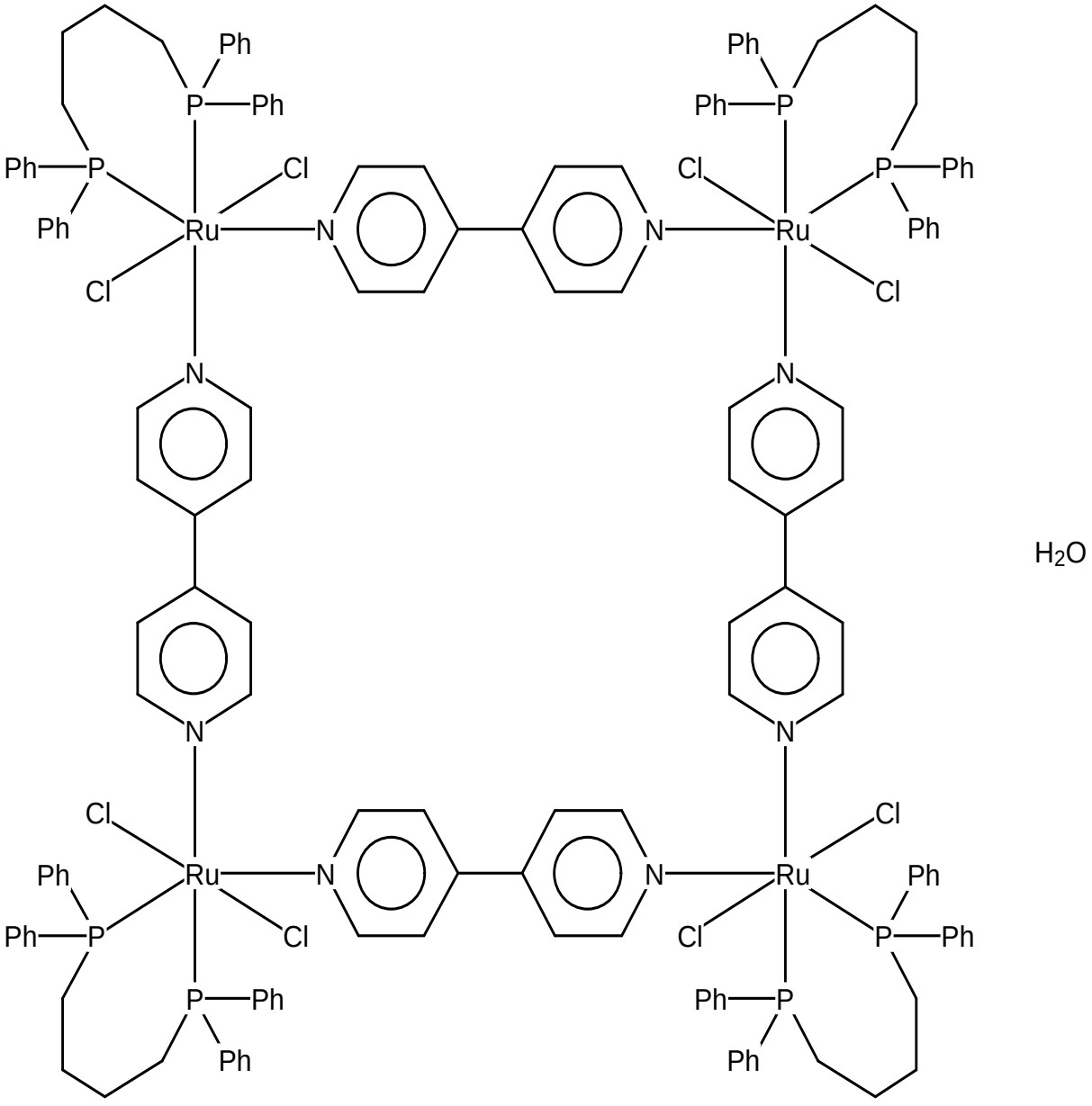
EZAVEG

Reference: S.L.Queiroz, E.Kikuti, A.G.Ferreira, M.O.Santiago, A.A.Batista, E.E.Castellano, J.Ellena (2004) *Supramol.Chem. ,***16,**255

Formula: $C_{152}\ H_{144}\ Cl_8\ N_8\ P_8\ Ru_4$,2.4($H_2\ O_1$)

Compound Name: tetrakis(μ_2-4,4'-Bipyridyl)-octachloro-tetrakis(1,4-bis(diphenylphosphino) butane)-tetra-ruthenium(ii) hydrate

Space Group:	P-1	***Cell:***	***a*** 9.182(0)	***b*** 19.295(2)	***c*** 22.931(2)
Space Group No.:	2	***(Å,°)***	α 104.66(0)	β 98.26(0)	γ 99.08(0)
R-Factor (%):	6.11	***Temperature(K):***	293	***Density(g/cm^3):***	1.335



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 591

EZAWUX

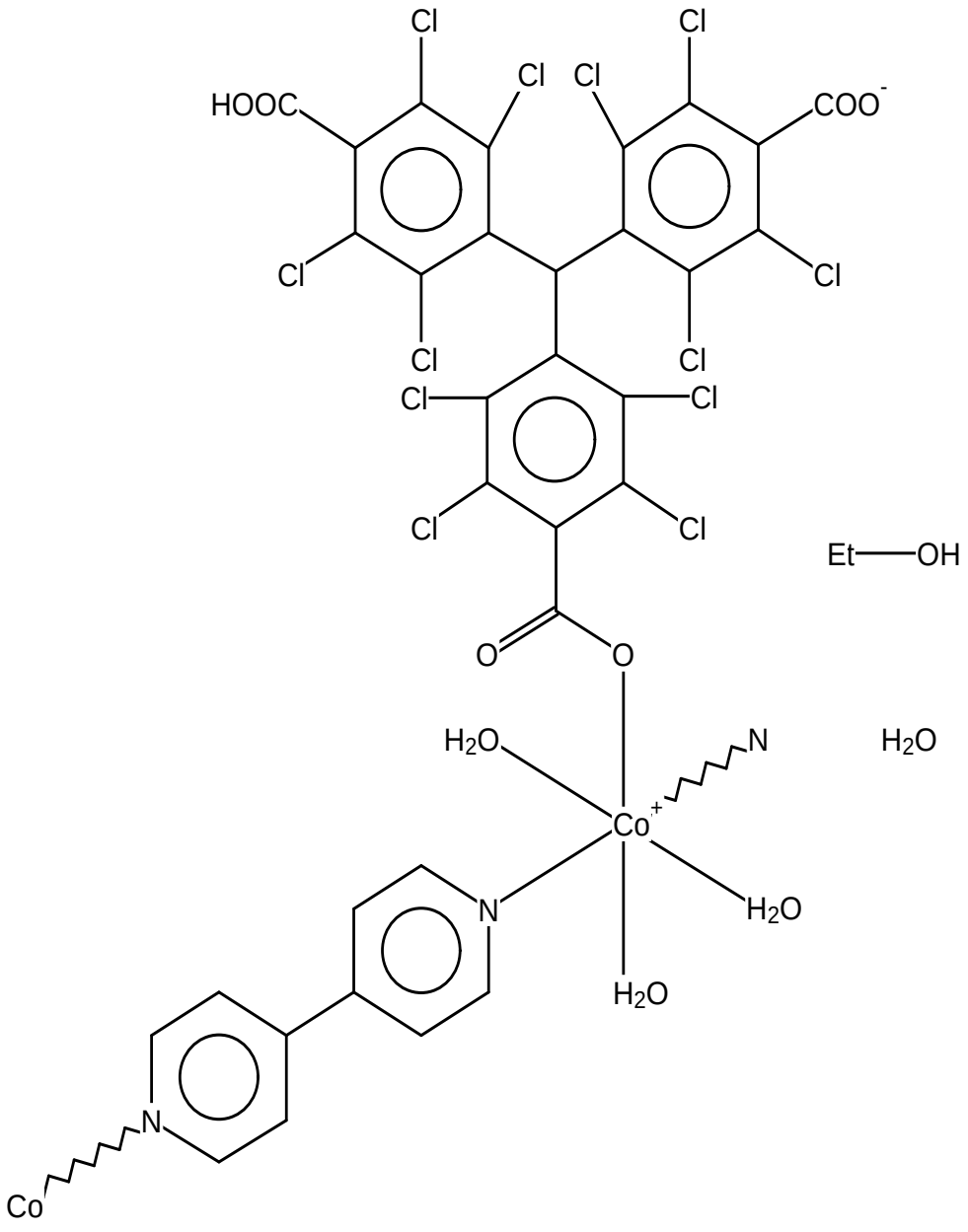
Reference: D.Maspoch, D.Ruiz-Molina, K.Wurst, C.Rovira, J.Veciana (2004) *Chem.Commun.* ,1164

Formula: $(C_{32}\ H_{15}\ Cl_{12}\ Co_1\ N_2\ O_9)n,6n(C_2\ H_6\ O_1),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-(tris(4-carboxy-2,3,5,6-tetrachlorophenyl)methyl radical-O)-triaqua-cobalt(ii) ethanol solvate dihydrate)

Space Group:	Pnna	***Cell:***	***a***	29.312(4)	***b***	15.887(2)	***c***	16.428(2)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 13.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.188



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 592

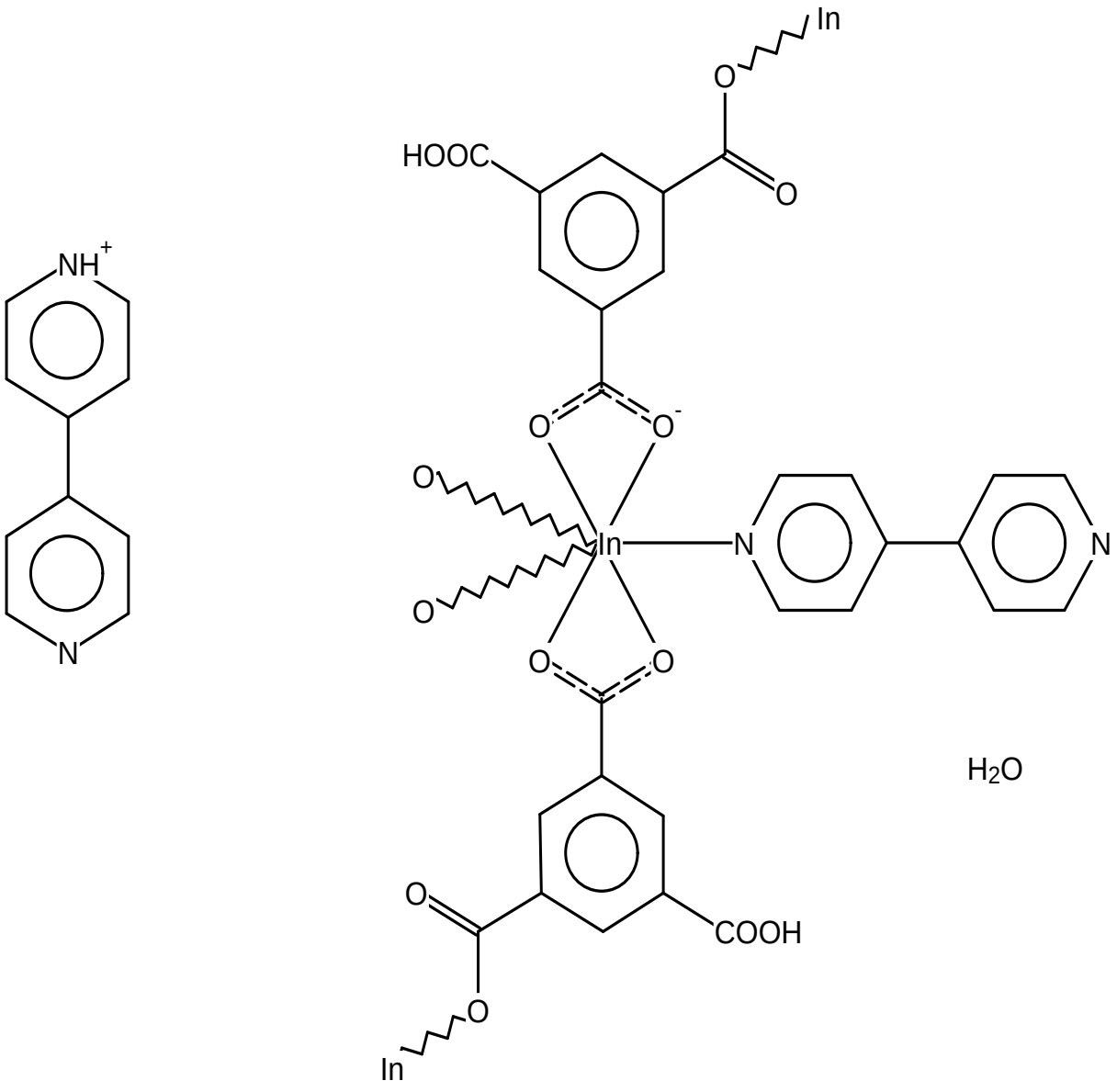
EZENAY

Reference: Zheng-Zhong Lin, Jun-hua Luo, Mao-chun Hong, Rui-hu Wang, Lei Han, Rong Cao (2004) *J.Solid State Chem. ,***177,** 2494

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,n(C_{28}\ H_{16}\ In_1\ N_2\ O_{12}\ ^{1-}),0.5n(H_2\ O_1)$

Compound Name: catena-[4,4'-Bipyridinium bis(μ_2-benzene-1,3-dicarboxylato-5-carboxylic acid)-(4,4'-bipyridyl)-indium(iii) hemihydrate]

Space Group:	P21/c	***Cell:***	***a***	17.088(0)	***b***	12.284(0)	***c*** 17.946(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	104.19(0)	γ 90.00
R-Factor (%):	5.72	***Temperature(K):***	293		***Density(g/cm3):***		1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 593

EZIGEZ

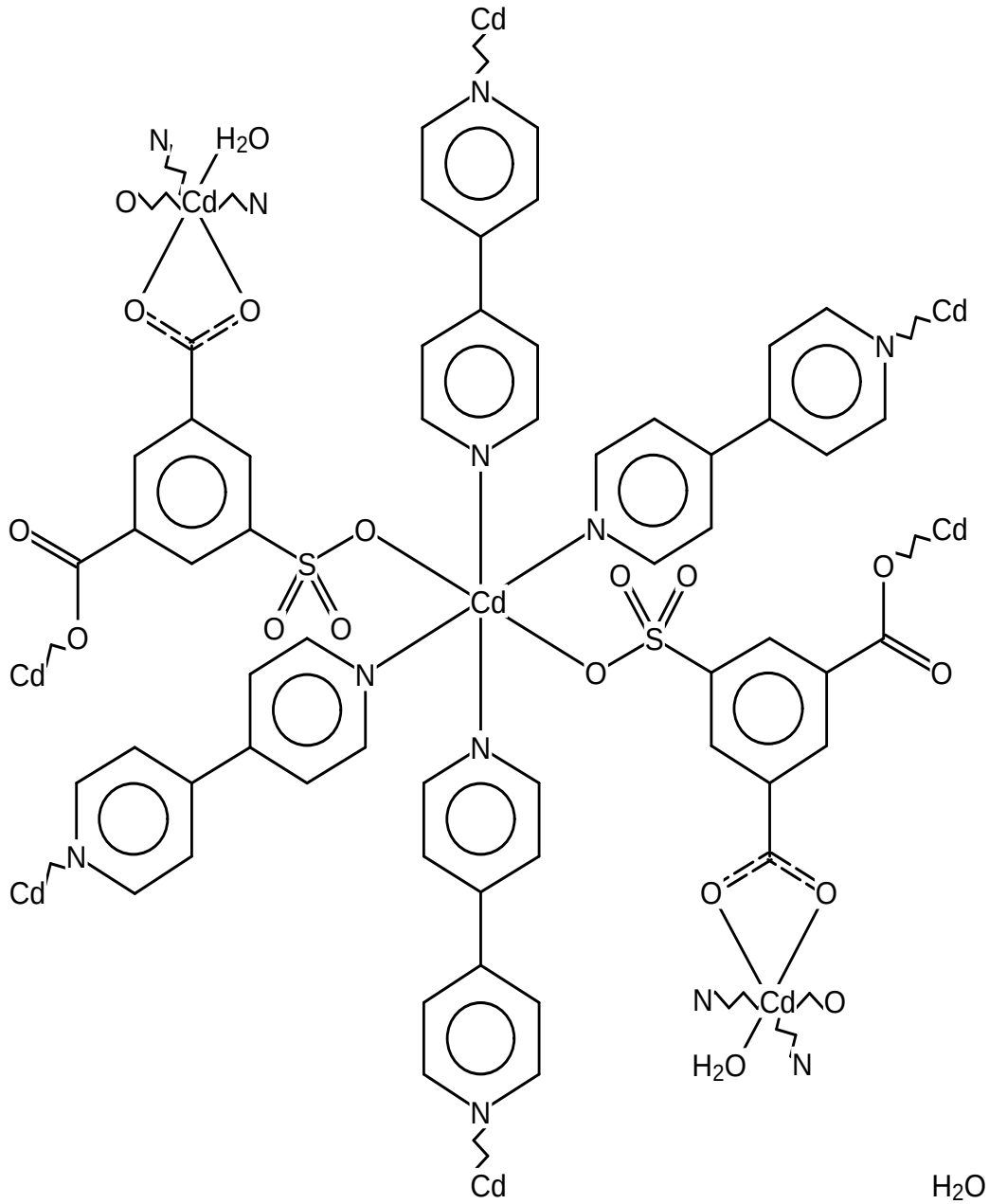
Reference: Xing Li, Rong Cao, Daofeng Sun, Wenhua Bi, Daqiang Yuan (2004) *Eur.J.Inorg.Chem.* ,2228

Formula: $(C_{56}\ H_{42}\ Cd_3\ N_8\ O_{16}\ S_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Sulfoisophthalato)-tetrakis(μ_2-2,2'-bipyridine)-diaqua-tri-cadmium(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	35.578(4)	***b*** 10.232(1)	***c***	16.211(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.91(0)	γ	90.00

R-Factor (%): 4.69 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.830



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 594

EZIGEZ01

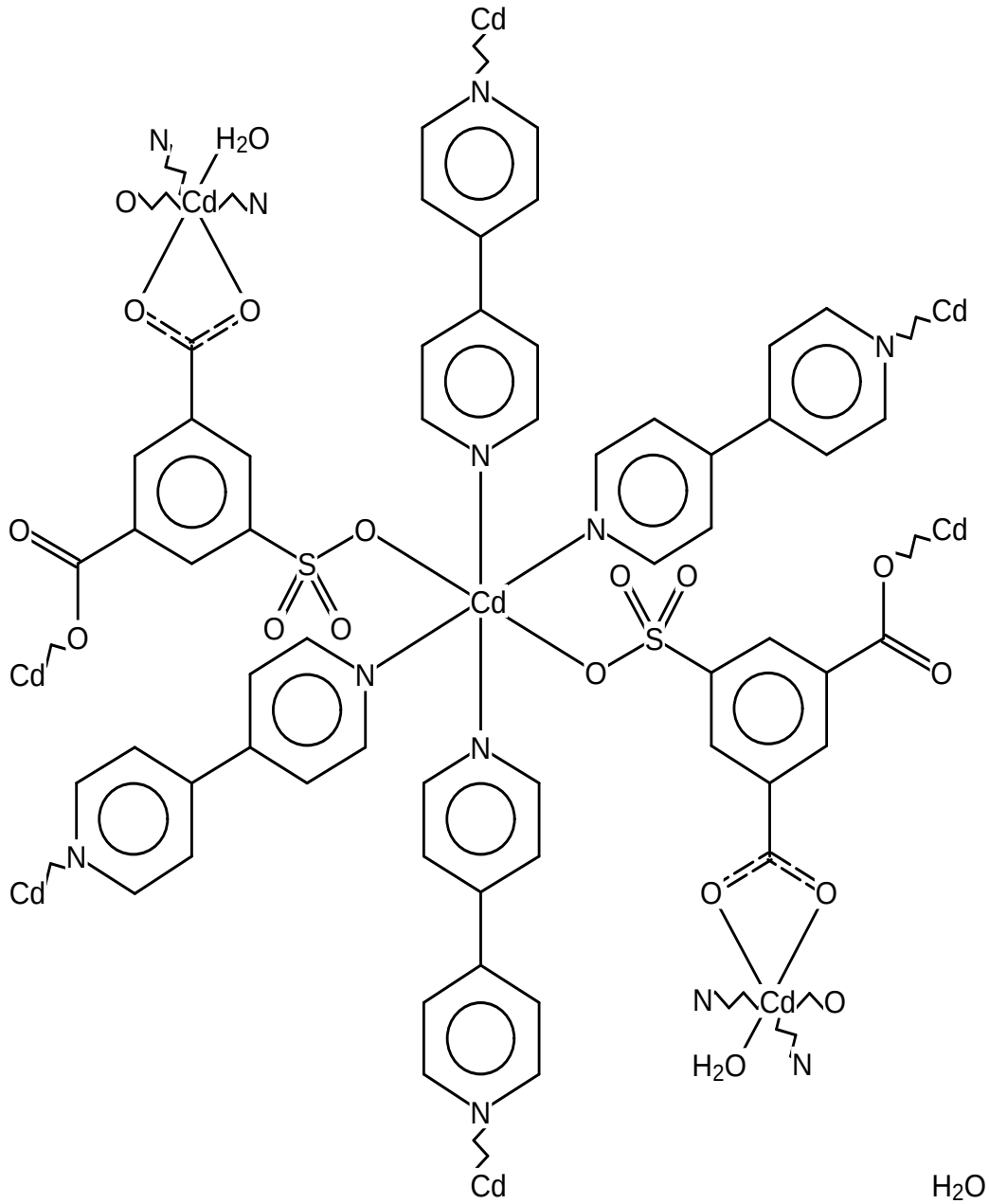
Reference: Xing Li, Rong Cao, Wenhua Bi, Daqiang Yuan, Daofeng Sun (2005) *Eur.J.Inorg.Chem.* ,3156

Formula: $(C_{56}\ H_{42}\ Cd_3\ N_8\ O_{16}\ S_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Sulfoisophthalato)-tetrakis(μ_2-2,2'-bipyridine)-diaqua-tri-cadmium(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	35.578(4)	***b*** 10.232(1)	***c***	16.211(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.91(0)	γ	90.00

R-Factor (%): 4.69 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.830



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 595

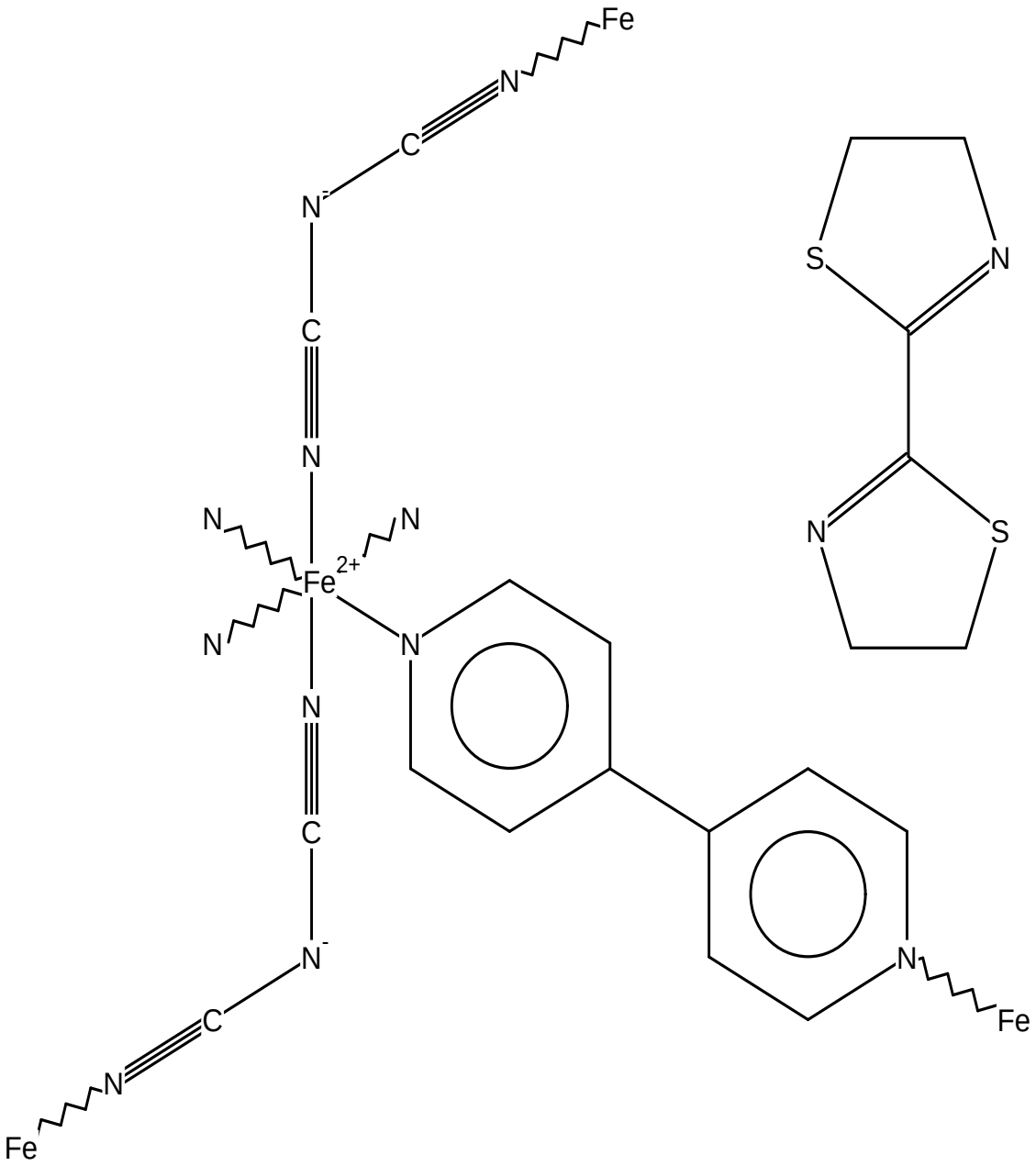
EZURAS

Reference: A.B.Gaspar, M.C.Munoz, J.A.Real (2004) *Inorg.Chem.Commun. ,***7,**815

Formula: $(C_{14}\ H_8\ Fe_1\ N_8)n,n(C_6\ H_8\ N_2\ S_2)$

Compound Name: catena-[bis(μ_2-Dicyanamide)-(μ_2-4,4'-bipyridyl)-iron 2,2'-bithiazoline clathrate]

Space Group:	P-1	***Cell:***	***a***	7.418(1)	***b***	8.600(1)	***c*** 11.201(1)
Space Group No.:	2	***(Å,°)***	α	93.67(1)	β	109.31(1)	γ 115.57(1)
R-Factor (%):	5.72	***Temperature(K):***	293		***Density(g/cm^3):***		1.453



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 596

FAFTOV

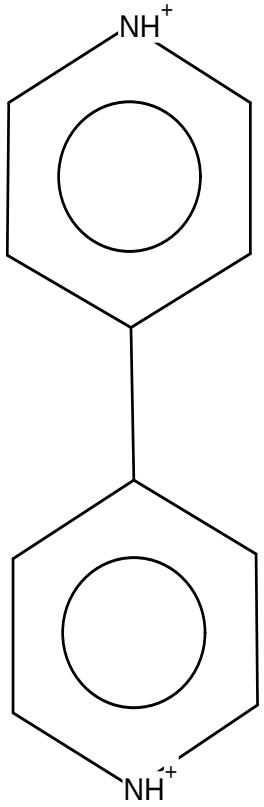
Reference: V.I.Spitsin, P.E.Kazin, M.Yu.Subbotin, L.A.Aslanov, V.V.Zelentsov, A.I.Zhirov, M.G.Felin (1986) *Dokl.Akad.Nauk SSSR(Russ.)(Proc.Nat.Acad.Sci.USSR) ,***287,**134

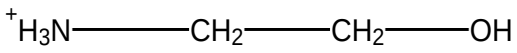
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_2\,H_8\,N_1\,O_1\,^{1+}$,$Cl_9\,Mo_2\,^{3-}$

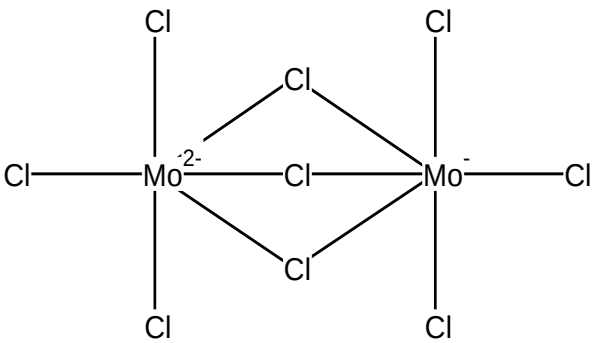
Compound Name: 4,4'-Bipyridinium monoethanolamine tris(μ_2-chloro)-hexachloro-di-molybdenum(iii)

Space Group:	P212121	***Cell:***	***a***	7.487(2)	***b***	16.759(4)	***c*** 18.886(3)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.40 ***Temperature(K):*** 295 ***Density(g/cm3):*** 2.049







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 597

FAFTOV10

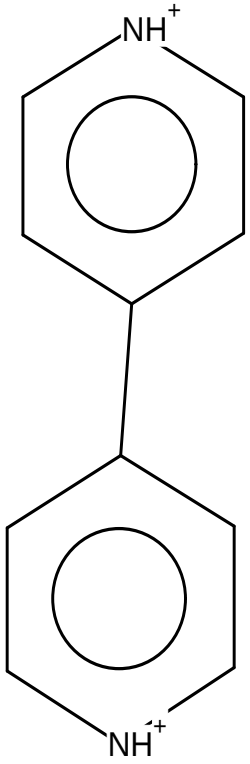
Reference: M.Yu.Subbotin, L.A.Aslanov (1986)
Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.) ,**31,**901

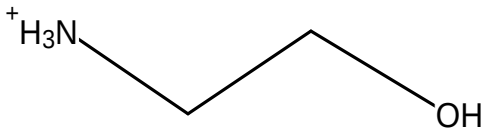
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+},C_2\ H_8\ N_1\ O_1\ ^{1+},Cl_9\ Mo_2\ ^{3-}$

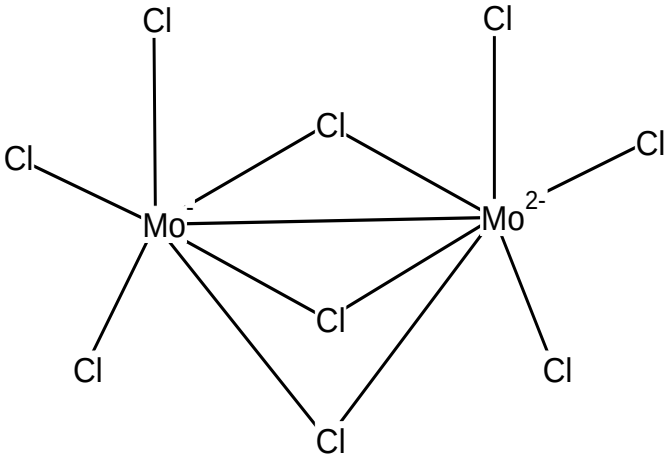
Compound Name: 4,4'-Bipyridinium monoethanolamine tris(μ_2-chloro)-hexachloro-di-molybdenum(iii)

Space Group:	P212121	***Cell:***	***a***	7.487(2)	***b***	16.759(4)	***c*** 18.886(3)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.050







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 598

FAKQEN

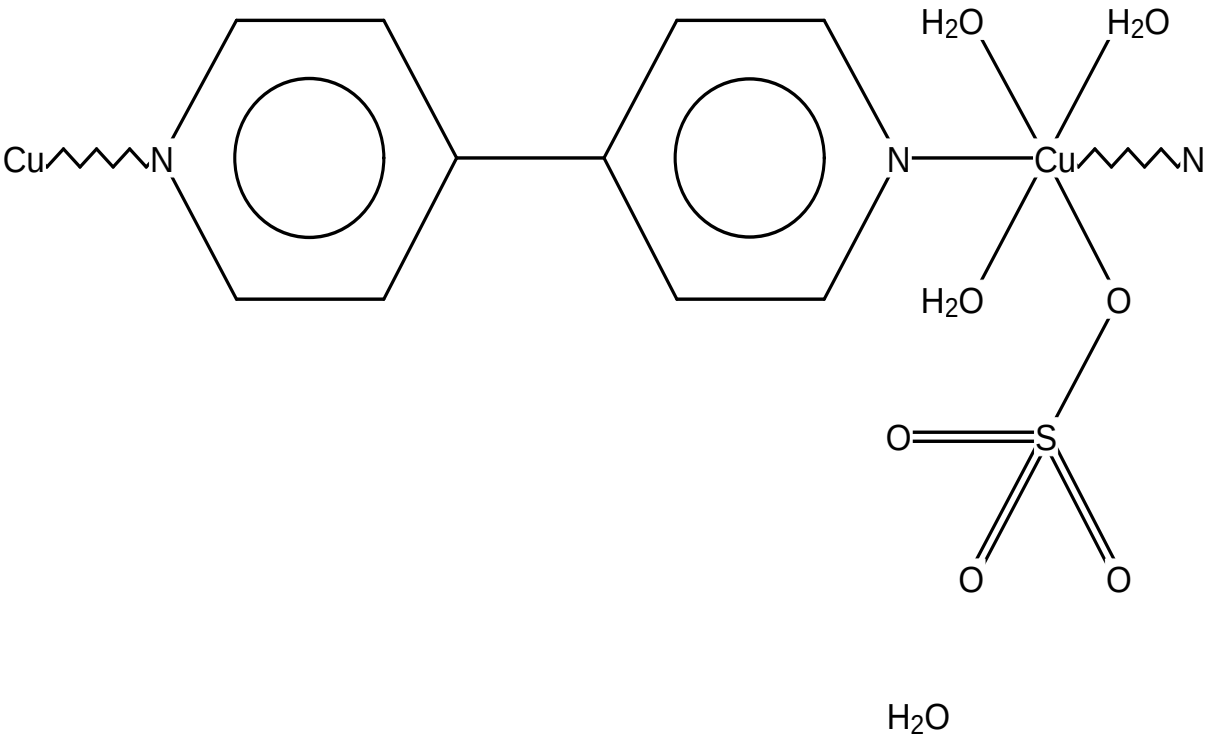
Reference: D.Hagrman, R.P.Hammond, R.Haushalter, J.Zubieta (1998) *Chem.Mater. ,***10,**2091

Formula: $(C_{10}\ H_{14}\ Cu_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-triaqua-(sulfato-O)-copper(ii) dihydrate

Space Group:	P65	***Cell:***	***a***	11.206(0)	***b***	11.206(0)	***c*** 21.595(0)
Space Group No.:	170	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.88 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.722



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 599

FAKQEN01

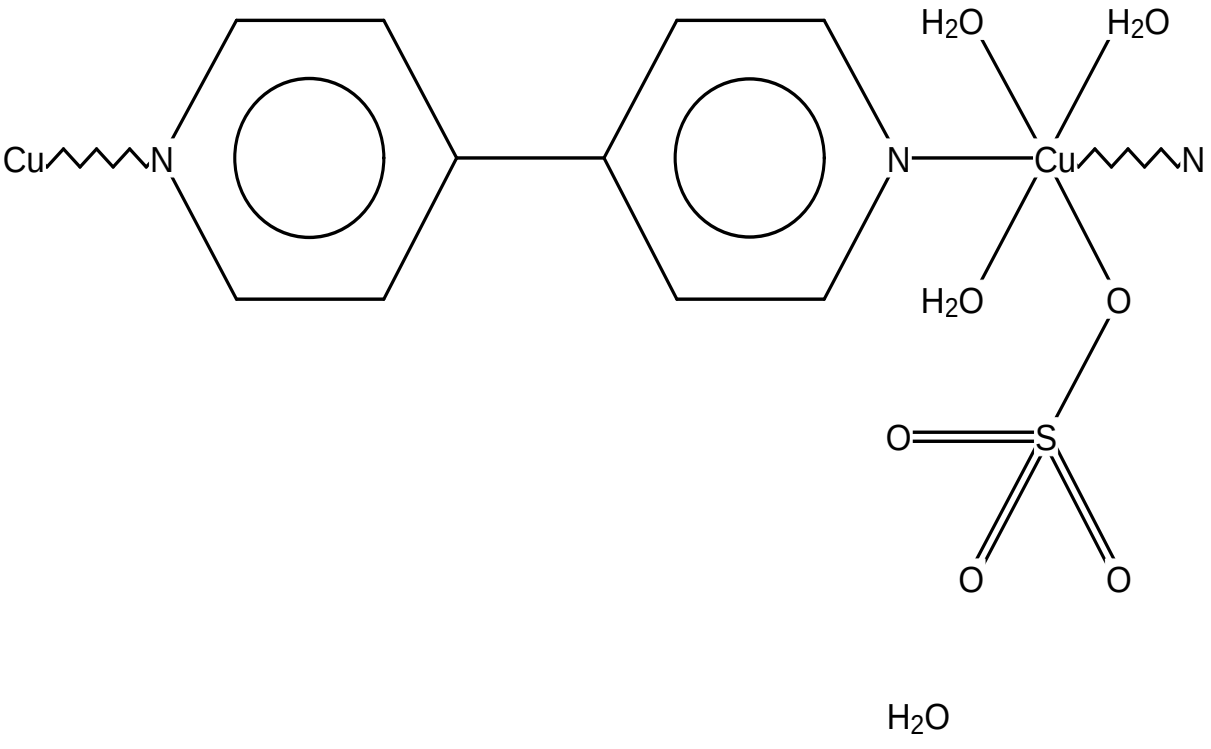
Reference: Bi-Zhou Lin, Pei-De Liu (2003)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**22,**673

Formula: $(C_{10}\ H_{14}\ Cu_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-triaqua-(sulfato-O)-copper(ii) dihydrate

Space Group:	P61	***Cell:***	***a***	11.187(0)	***b***	11.187(0)	***c*** 21.578(1)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.729



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 600

FAKQEN02

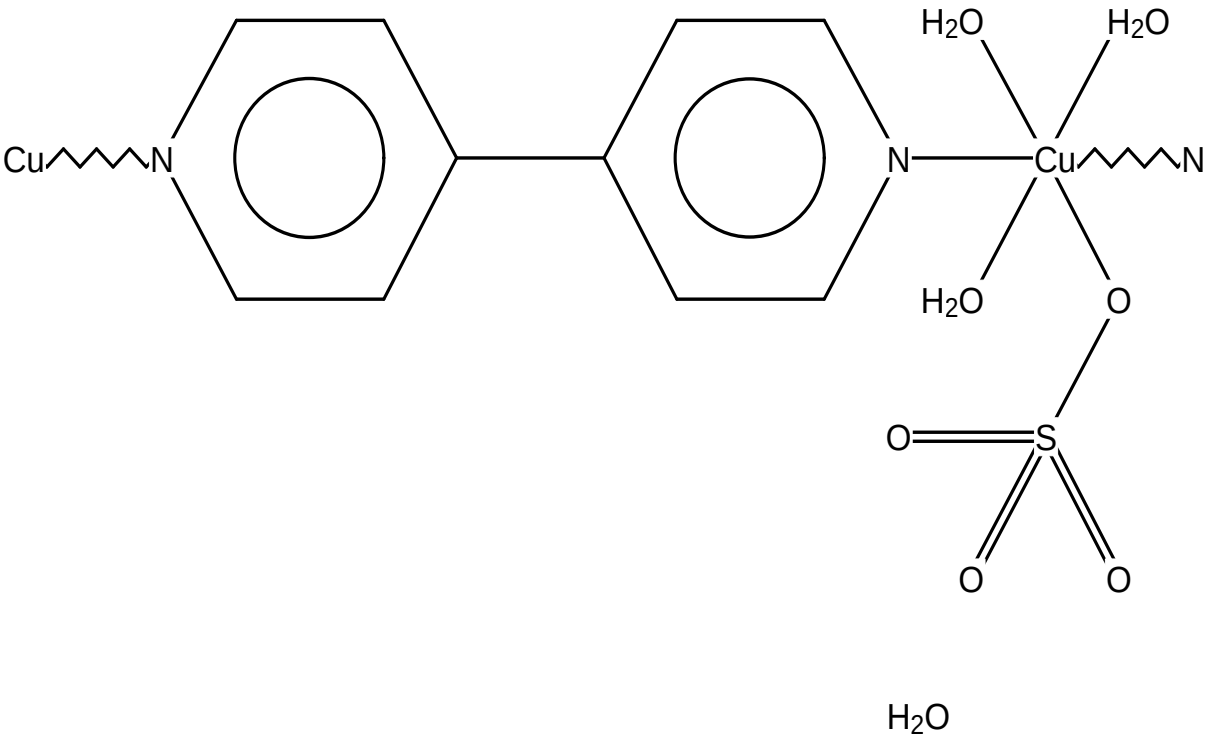
Reference: Yan Zhou, Junna Yao, Weisheng Liu, Kaibei Yu (2007)
*Anal.Sci.:X-Ray Struct.Anal.Online ,***23,**x245

Formula: $(C_{10}\ H_{14}\ Cu_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-triaqua-copper sulfate dihydrate)

Space Group:	Cc	***Cell:***	***a***	10.244(1)	***b***	19.886(3)	***c*** 7.505(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	100.39(0)	γ 90.00

R-Factor (%): 2.57 ***Temperature(K):*** 290 ***Density(g/cm^3):*** 1.793



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 601

FAKQEN03

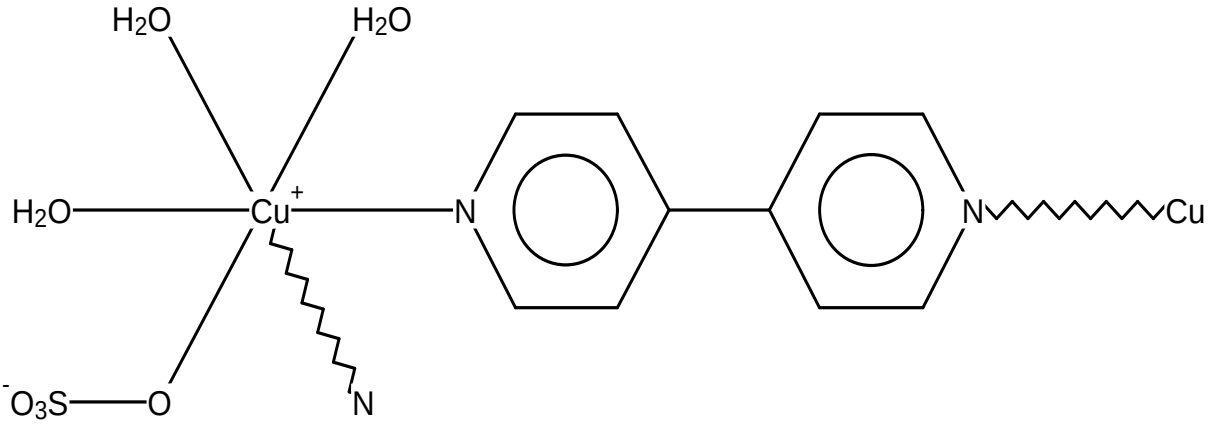
Reference: H.Phetmung, S.Wongsawat, C.Pakawatchai, D.J.Harding (2009) *Inorg.Chim.Acta* ,**362,**2435

Formula: $(C_{10}\ H_{14}\ Cu_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-triaqua-(sulfato-O)-copper(ii) dihydrate

Space Group:	P61	***Cell:***	***a***	11.192(0)	***b***	11.192(0)	***c*** 21.563(0)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.729



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 602

FAKQUE

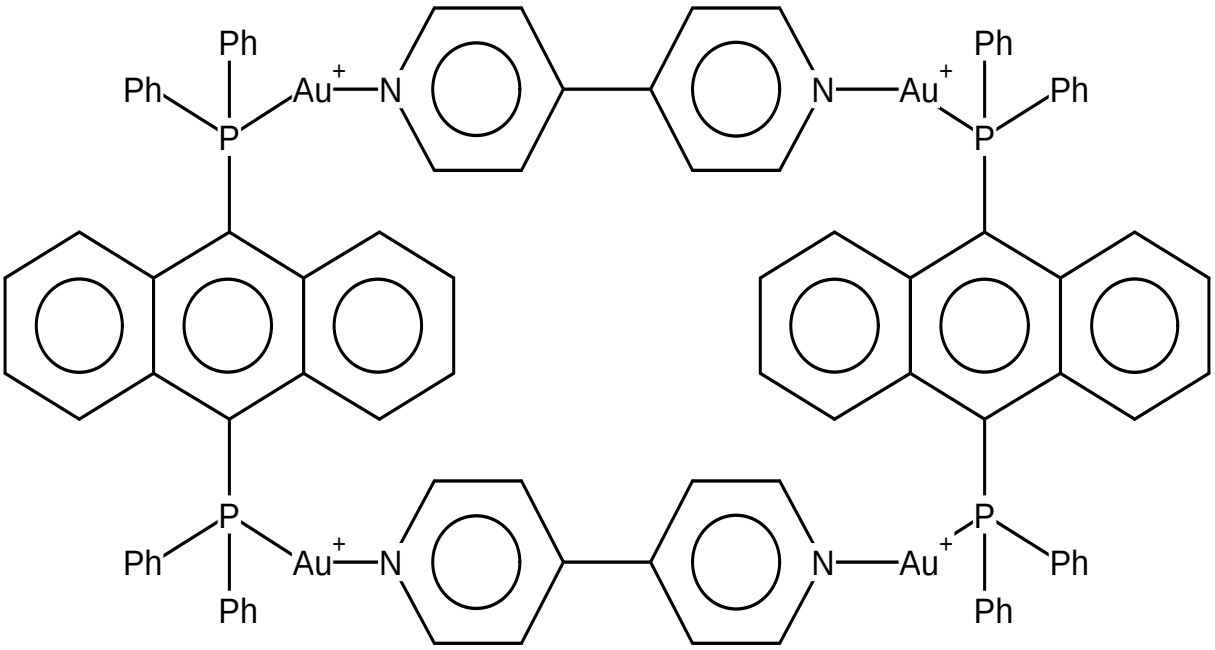
Reference: Ronger Lin, J.H.K.Yip, Ke Zhang, Lip Lin Koh, Kwok-Yin Wong, Kam Piu Ho (2004) *J.Am.Chem.Soc. ,***126,**15852

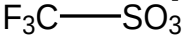
Formula: $C_{96}\ H_{72}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),4.8($H_2\ O_1$)

Compound Name: bis(μ_2-4,4'-Bipyridine)-bis(μ_2-9,10-bis(diphenylphosphino)anthracene)-tetra-gold tetrakis(trifluoromethanesulfonate) hydrate

Space Group:	C2/m	***Cell:***	***a*** 28.242(4)	***b*** 24.405(4)	***c*** 10.308(1)
Space Group No.:	12	***(Å,°)***	α 90.00	β 96.39(0)	γ 90.00

R-Factor (%): 7.48 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.353







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 603

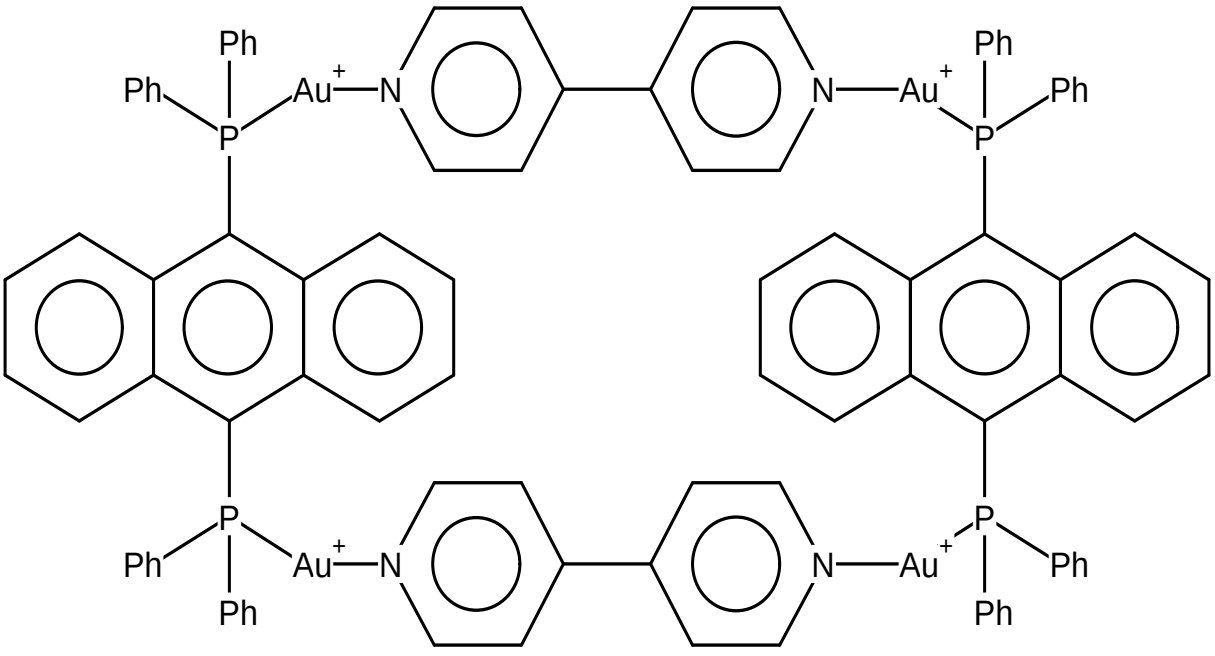
FAKRAL

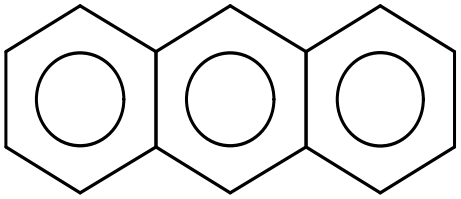
Reference: Ronger Lin, J.H.K.Yip, Ke Zhang, Lip Lin Koh, Kwok-Yin Wong, Kam Piu Ho (2004) *J.Am.Chem.Soc. ,***126,**15852

Formula: $C_{96}\ H_{72}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),$C_{14}\ H_{10}$

Compound Name: bis(μ_2-4,4'-Bipyridine)-bis(μ_2-9,10-bis(diphenylphosphino)anthracene)-tetra-gold tetrakis(trifluoromethanesulfonate) anthracene clathrate

Space Group:	C2/m	***Cell:***	***a***	28.309(1)	***b***	24.288(1)	***c***	10.623(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	95.25(0)	γ	90.00
R-Factor (%):	6.59	***Temperature(K):***	295		***Density(g/cm^3):***	1.355		







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 604

FAKREP

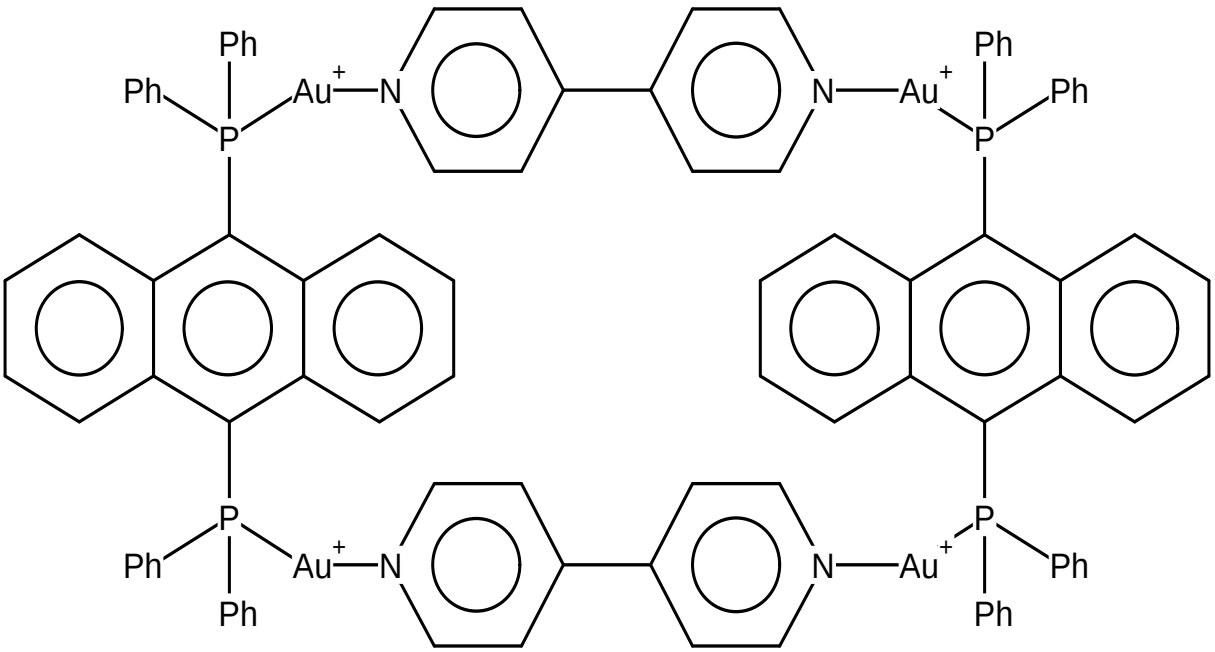
Reference: Ronger Lin, J.H.K.Yip, Ke Zhang, Lip Lin Koh, Kwok-Yin Wong, Kam Piu Ho (2004) *J.Am.Chem.Soc.* ,**126,**15852

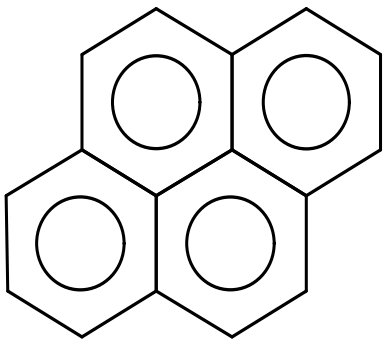
Formula: $C_{96}\ H_{72}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),$C_{16}\ H_{10}$,$C_1\ H_2\ Cl_2$

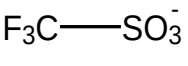
Compound Name: bis(μ_2-4,4'-Bipyridine)-bis(μ_2-9,10-bis(diphenylphosphino)anthracene)-tetra-gold tetrakis(trifluoromethanesulfonate) pyrene clathrate dichloromethane solvate

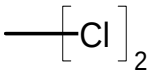
Space Group:	C2/m	***Cell:***	***a***	28.406(2)	***b***	24.235(1)	***c***	10.747(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	94.50(0)	γ	90.00

R-Factor (%): 7.05 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.385









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 605

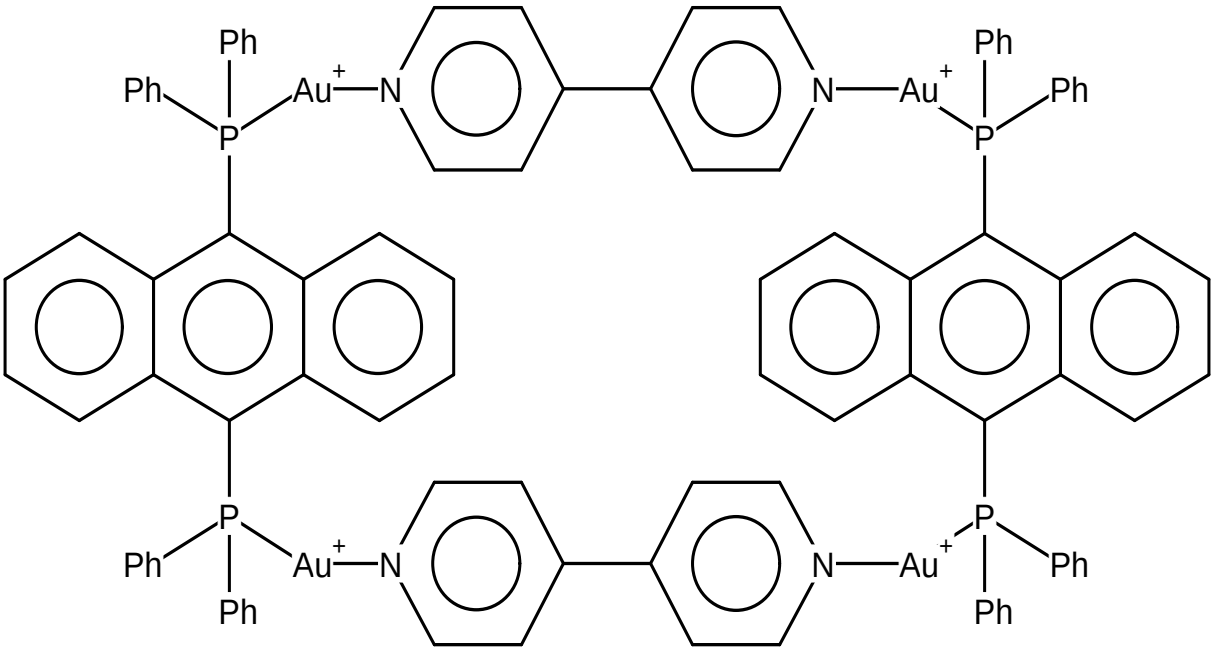
FAKRIT

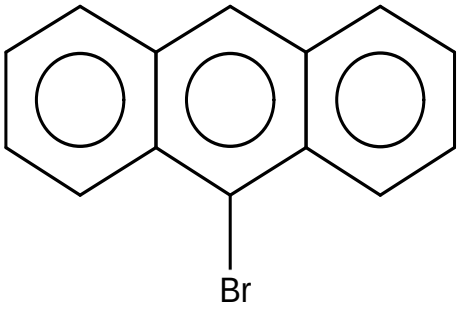
Reference: Ronger Lin, J.H.K.Yip, Ke Zhang, Lip Lin Koh, Kwok-Yin Wong, Kam Piu Ho (2004) *J.Am.Chem.Soc. ,***126,**15852

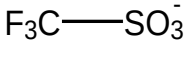
Formula: $C_{96}\ H_{72}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),$C_{14}\ H_9\ Br_1$,$C_4\ H_{10}\ O_1$

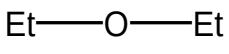
Compound Name: bis(μ_2-4,4'-Bipyridine)-bis(μ_2-9,10-bis(diphenylphosphino)anthracene)-tetra-gold tetrakis(trifluoromethanesulfonate) 9-bromoanthracene clathrate diethyl ether solvate

Space Group:	Pnnm	***Cell:***	***a***	27.427(1)	***b***	21.659(1)	***c***	23.647(1)
Space Group No.:	58	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	6.60	***Temperature(K):***	295		***Density(g/cm^3):***	1.476		









Search: search1 (Thu May 26 10:05:42 2011): Hit 606

FANDII

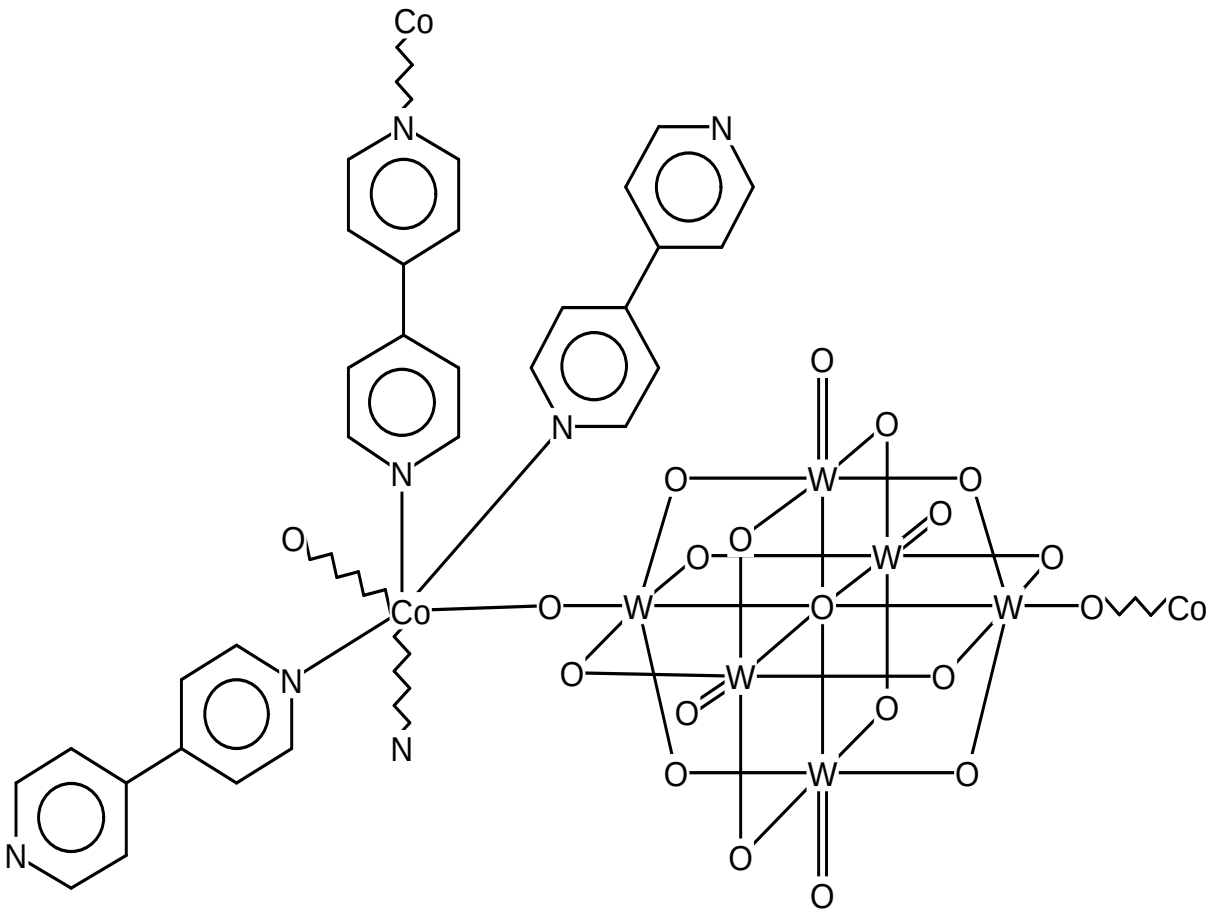
Reference: Lijuan Zhang, Yongge Wei, Chongchen Wang, Hongyou Guo, Ping Wang (2004) *J.Solid State Chem.* ,**177,**3433

Formula: $(C_{30}\ H_{24}\ Co_1\ N_6\ O_{19}\ W_6)n$

Compound Name: catena-((μ_6-Oxo)-(μ_2-4,4'-bipyridine-N,N')-tetradecakis(μ_2-oxo)-bis(4,4'-bipyridine-N)-tetraoxo-cobalt(ii)-hexa-tungsten)

Space Group:	C2/c	***Cell:***	***a***	19.971(4)	***b***	11.523(2)	***c***	16.138(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.49(3)	γ	90.00

R-Factor (%): 6.56 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 3.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 607

FAQFUZ

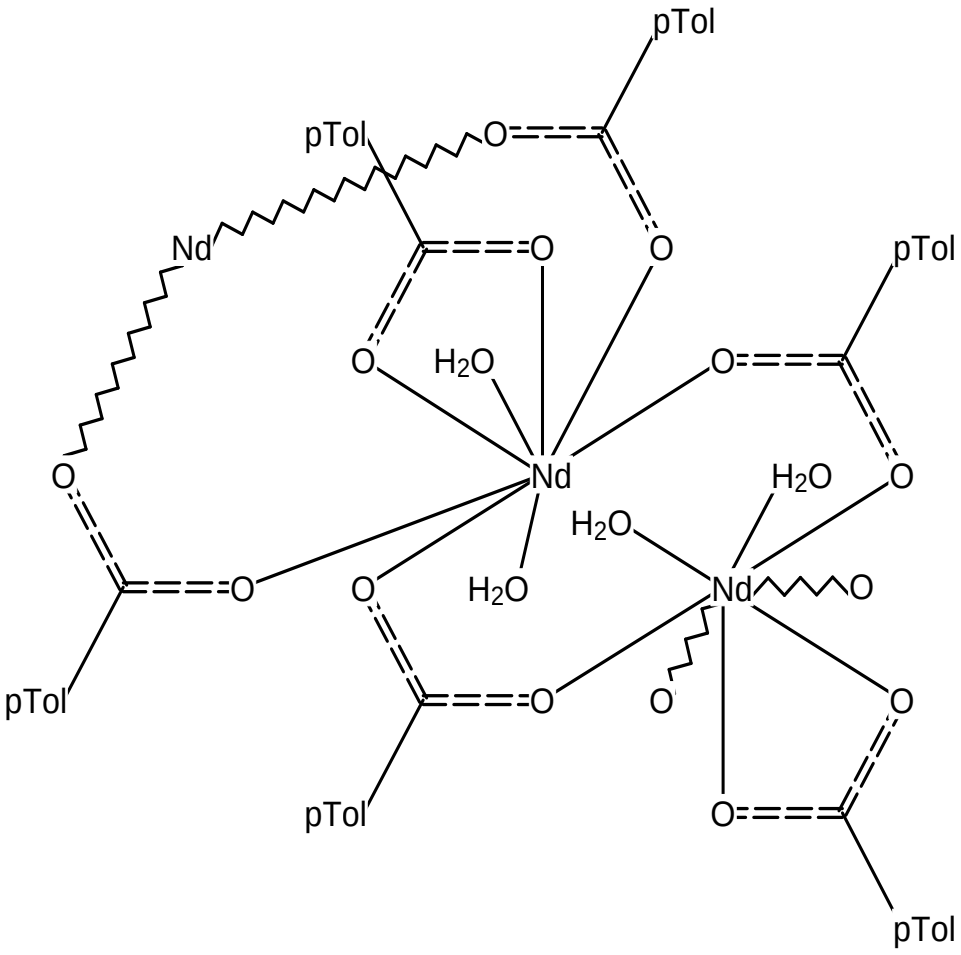
Reference: Xia Li, Ying-Quan Zou, Hai-Bin Song (2004)
*Z.Kristallogr.-New Cryst.Struct. ,***219,**278

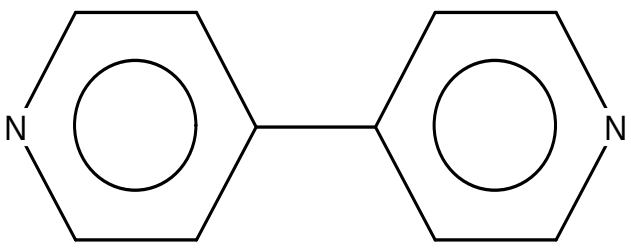
Formula: $(C_{48}\ H_{50}\ Nd_2\ O_{16})n,3n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_2-4-Methylbenzoato)-bis(4-methylbenzoato)-tetra-aqua-neodymium(iii) 4,4'-bipyridine solvate)

Space Group:	P21/c	***Cell:***	***a***	9.785(3)	***b*** 26.184(9)	***c***	16.581(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 119.44(0)	γ	90.00

R-Factor (%): 5.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.472





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 608

FAQSEW

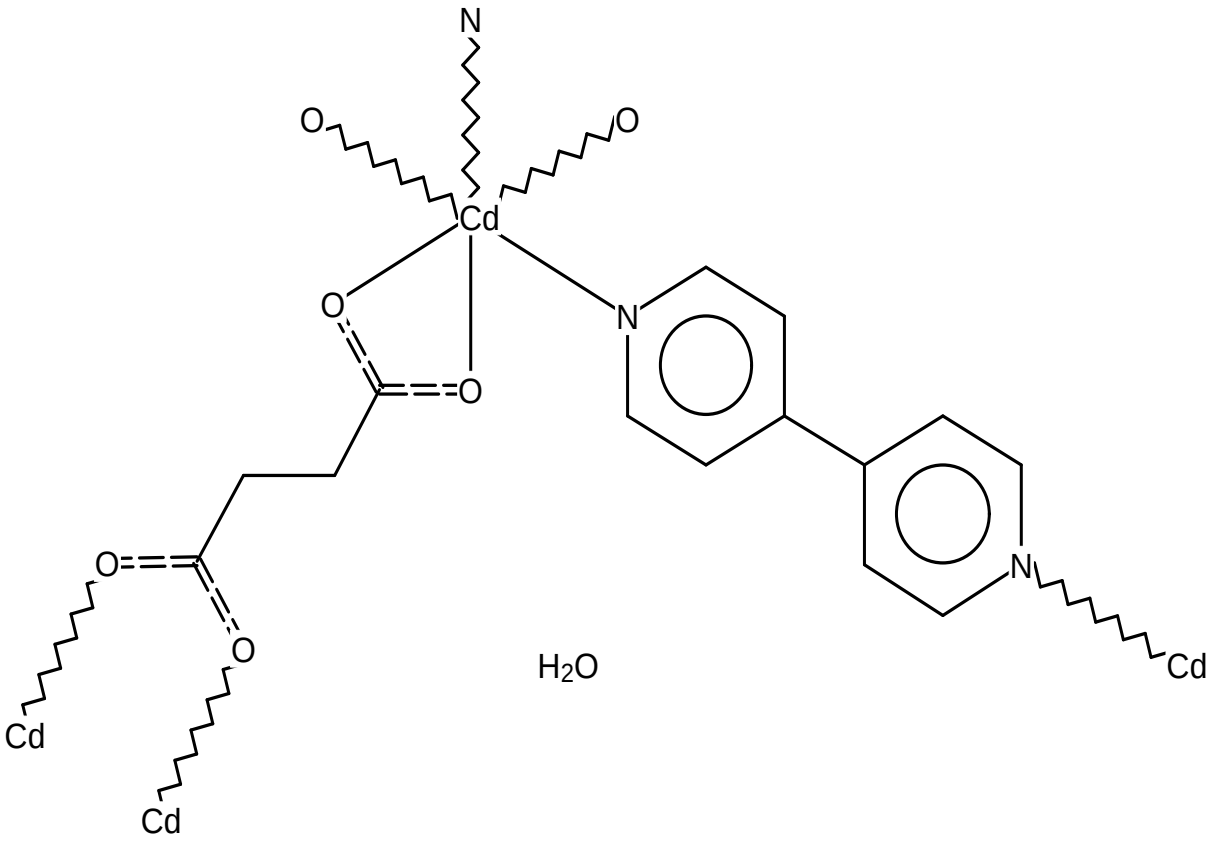
Reference: Jian Zhang, Zhao-Ji Li, Yi-Hang Wen, Yao Kang, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Z.Anorg.Allg.Chem.* ,**630,**2731

Formula: $(C_{14}\ H_{12}\ Cd_1\ N_2\ O_4)n,0.25n(H_2\ O_1)$

Compound Name: catena-((μ_3-Succinato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-cadmium hydrate)

Space Group:	Cmca	***Cell:***	***a***	11.696(1)	***b***	15.554(16)	***c***	15.874(3)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.790



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 609

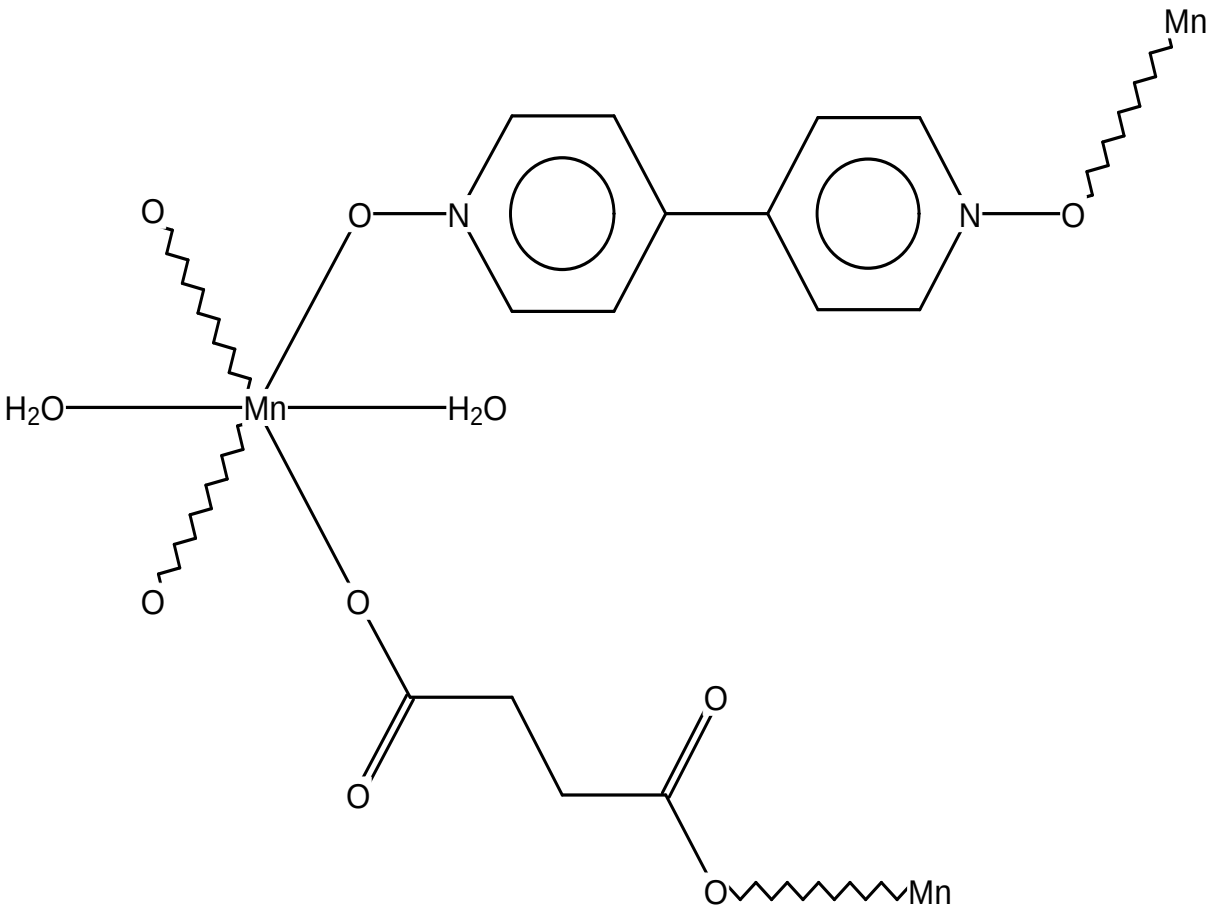
FARJEO

Reference: Siau Gek Ang, Bai Wang Sun (2005) *Cryst.Growth Des.* ,**5,** 383

Formula: $(C_{14}\ H_{16}\ Mn_1\ N_2\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N'-dioxido)-(μ_2-succinato)-diaqua-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	5.406(0)	***b***	7.294(0)	***c***	9.985(0)
Space Group No.:	2	***(Å,°)***	α	86.55(0)	β	84.75(0)	γ	73.43(0)
R-Factor (%):	2.99	***Temperature(K):***	223		***Density(g/cm^3):***		1.748	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 610

FARJOY

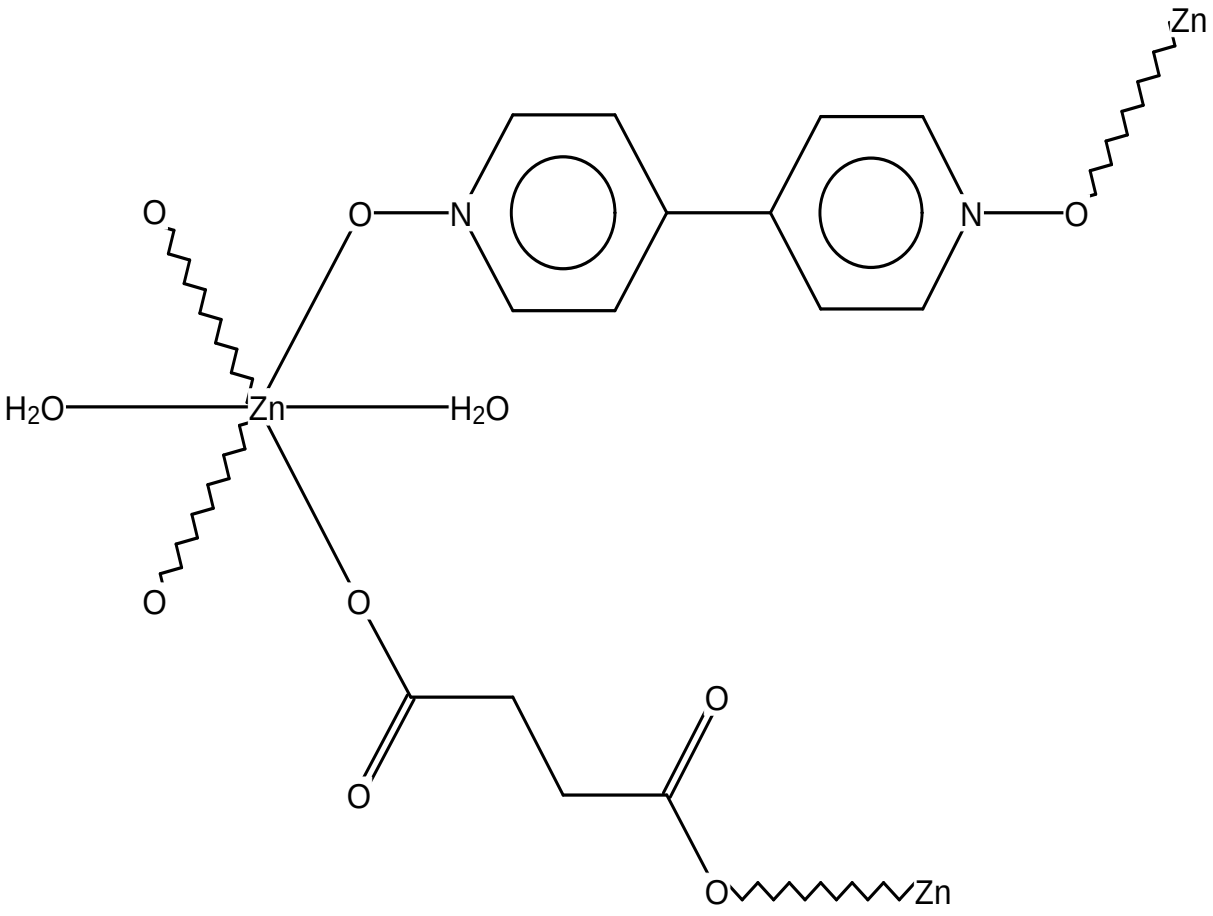
Reference: Siau Gek Ang, Bai Wang Sun (2005) *Cryst.Growth Des.* ,**5,** 383

Formula: $(C_{14}\ H_{16}\ N_2\ O_8\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N'-dioxido)-(μ_2-succinato)-diaqua-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	5.402(1)	***b***	7.371(1)	***c*** 9.823(2)
Space Group No.:	2	***(Å,°)***	α	86.41(0)	β	84.11(0)	γ 72.99(0)

R-Factor (%): 2.59 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.812



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 611

FARKUF

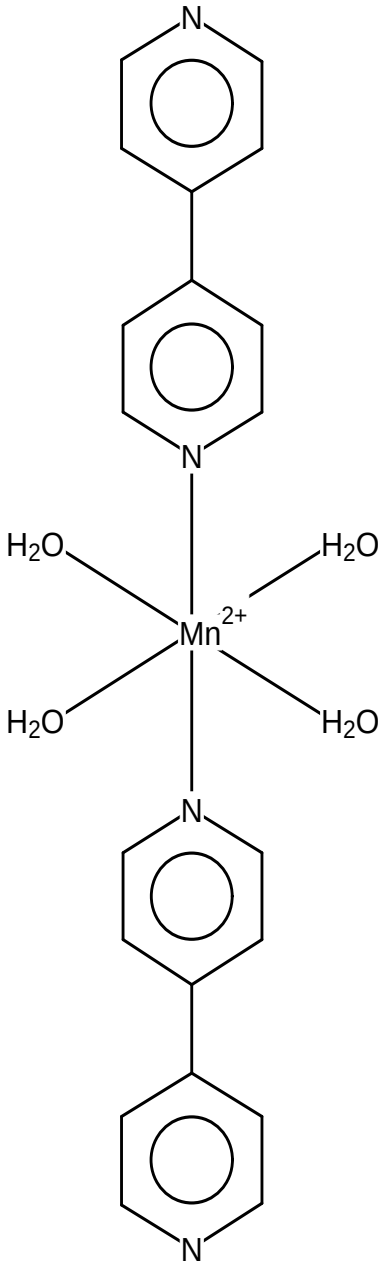
Reference: G.Marinescu, M.Andruh, M.Julve, F.Lloret, R.Llusar, S.Uriel, J.Vaissermann (2005) *Cryst.Growth Des. ,***5,**261

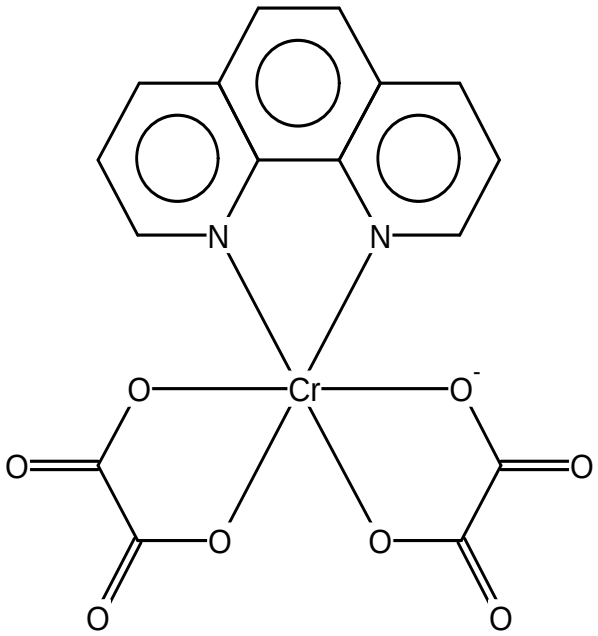
Formula: $C_{20}\ H_{24}\ Mn_1\ N_4\ O_4\ ^{2+}$,2($C_{16}\ H_8\ Cr_1\ N_2\ O_8\ ^{1-}$),9($H_2\ O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridyl)-manganese(ii) bis(bis(oxalato-O,O')-(1,10-phenanthroline)-chromium(iii)) nonahydrate

Space Group:	P21/a	***Cell:***	***a***	18.933(4)	***b***	12.432(4)	***c***	25.776(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.07(2)	γ	90.00

R-Factor (%): 4.98 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.561





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 612

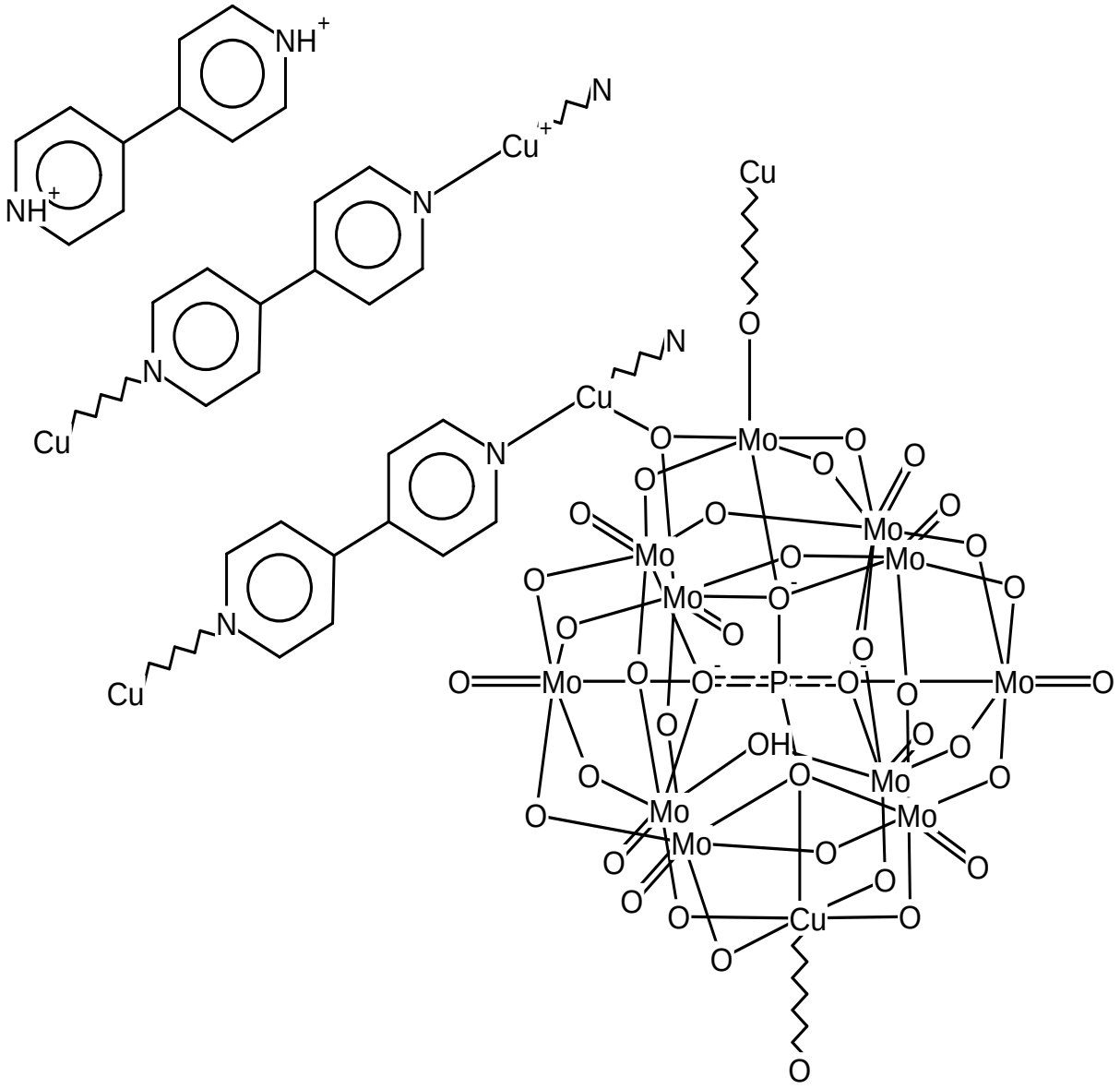
FARLEQ

Reference: Ying Lu, Yan Xu, Enbo Wang, Jian Lu, Changwen Hu, Lin Xu (2005) *Cryst.Growth Des.* ,**5,**257

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+}),n(C_{10}\ H_9\ Cu_2\ Mo_{11}\ N_2\ O_{39}\ P_1\ ^{3-})$

Compound Name: catena-(4,4'-Bipyridinium (μ_2-4,4'-bipyridine)-copper(i) (μ_3-hydrogen-(phosphato)-polyoxo-copper(ii)-undeca-molybdate(vi))-(μ_2-4,4'-bipyridine)-copper(i))

Space Group:	P1	***Cell:***	***a***	10.781(2)	***b*** 10.885(2)	***c***	12.781(3)
Space Group No.:	1	***(Å,°)***	α	96.91(3)	β 110.33(3)	γ	103.73(3)
R-Factor (%):	5.80	***Temperature(K):***	293		***Density(g/cm^3):***	2.958	


NH+
NH+
N
Cu+
N
Cu
N
Cu
N
Cu
N
Cu
Cu
O
Mo
O
O
O
Mo
O
O
Mo
O
O
Mo
O
O
Mo
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 613

FASLOB

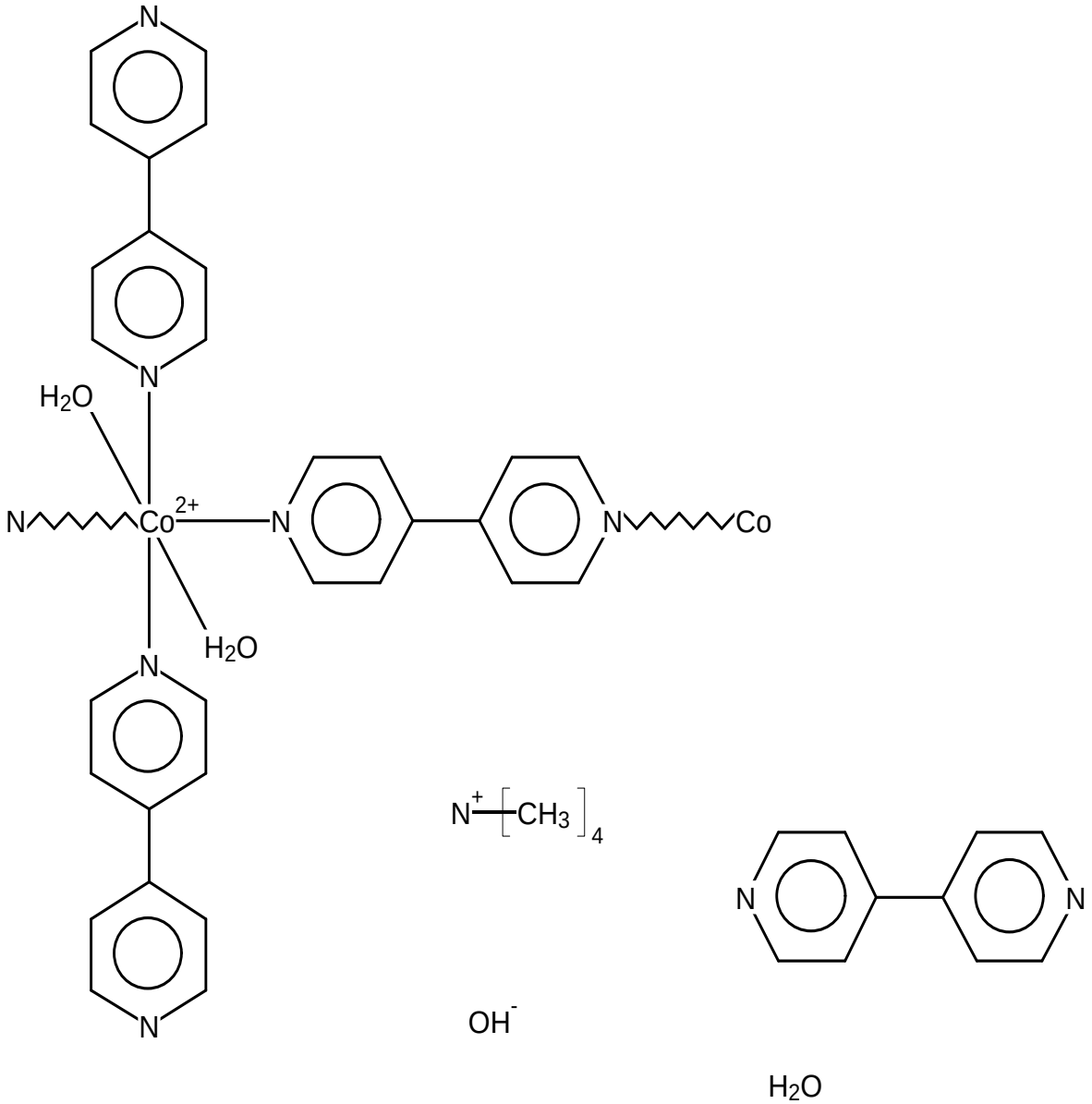
Reference: Jing Jin, Shu-Yun Niu, Zhong-Zhi Yang, Guang-Di Yang, Ling Ye (2004)
Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition)) , **25,**418

Formula: $(C_{30}\ H_{28}\ Co_1\ N_6\ O_2\ ^{2+})n,n(C_4\ H_{12}\ N_1\ ^{1+}),3n(H_1\ O_1\ ^{1-}),n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(Tetramethylammonium (μ_2-4,4'-bipyridine-N,N')-diaqua-bis(4,4'-bipyridine-N)-cobalt(ii) trihydroxide 4,4'-bipyridine solvate tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	17.726(0)	***b***	11.500(0)	***c***	24.528(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	92.72(0)	γ	90.00

R-Factor (%):	8.09	***Temperature(K):***	293	***Density(g/cm^3):***	1.219



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 614

FASLOB01

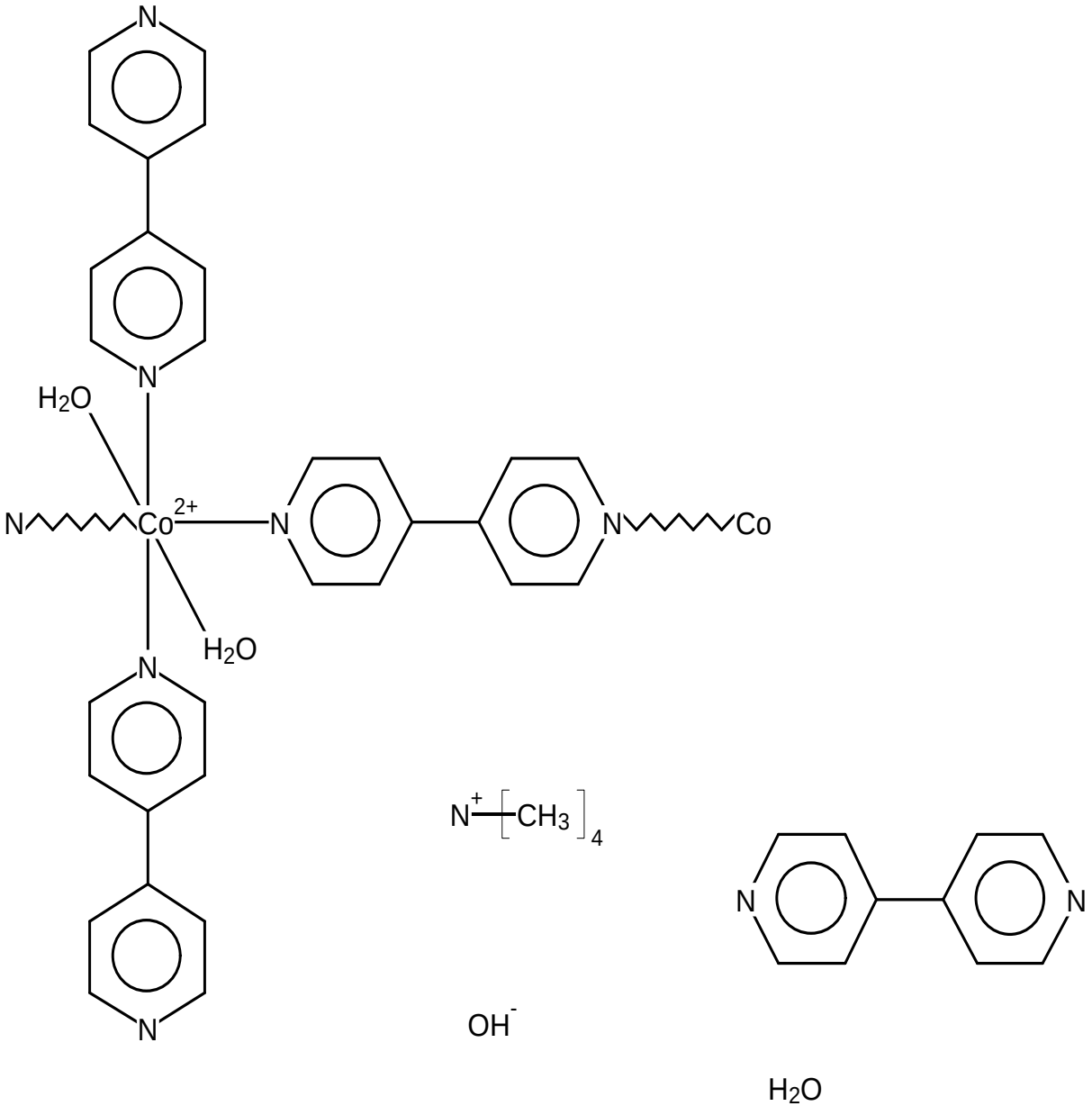
Reference: Jing Jin, Shu Yun Niu, Guang Di Yang, Ling Ye (2006)
Z.Anorg.Allg.Chem. ,**632,**2350

Formula: $(C_{30}\ H_{28}\ Co_1\ N_6\ O_2\ ^{2+})n,n(C_4\ H_{12}\ N_1\ ^{1+}),3n(H_1\ O_1\ ^{1-}),n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(Tetramethylammonium (μ_2-4,4'-bipyridine-N,N')-diaqua-bis(4,4'-bipyridine-N)-cobalt(ii) trihydroxide 4,4'-bipyridine solvate tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	17.726(0)	***b***	11.500(0)	***c***	24.528(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	92.72(0)	γ	90.00

R-Factor (%):	8.09	***Temperature(K):***	293	***Density(g/cm^3):***	1.219



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 615

FASYUU

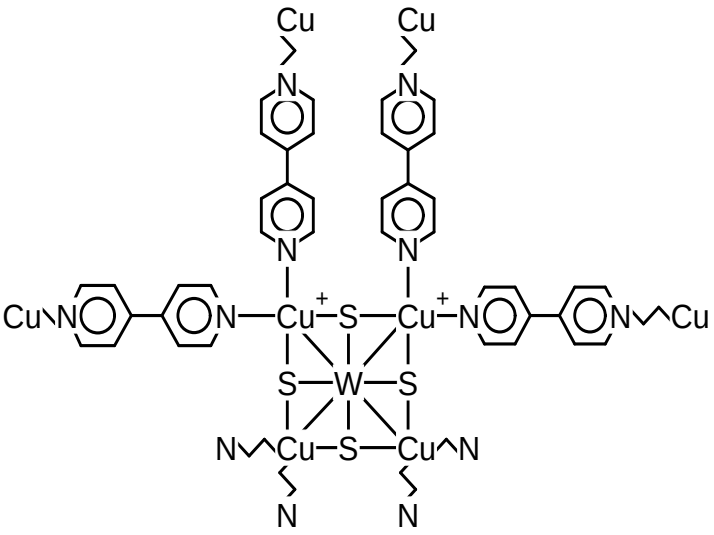
Reference: Kai Liang, Hegen Zheng, Yinglin Song, M.F.Lappert, Yizhi Li, Xinquan Xin, Zixiang Huang, Jiutong Chen, Shaofang Lu (2004) *Angew.Chem.,Int.Ed. ,***43,**5776

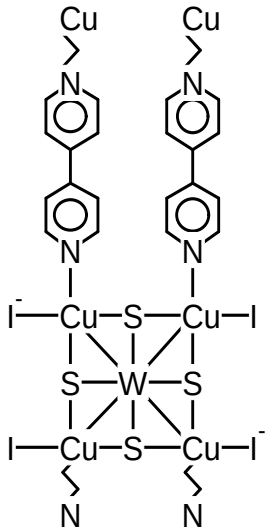
Formula: $(C_{40}\ H_{32}\ Cu_4\ N_8\ S_4\ W_1\ ^{2+})n,n(C_{20}\ H_{16}\ Cu_4\ I_4\ N_4\ S_4\ W_1\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_3-Sulfido)-tetrakis(μ_2-4,4'-bipyridine-N,N')-tetra-copper-tungsten tetrakis(μ_3-sulfido)-bis(μ_2-4,4'-bipyridine-N,N')-tetrakis(iodo)-tetra-copper-tungsten tetrahydrate)

Space Group:	I41/acd	***Cell:***	***a***	24.780(4)	***b***	24.780(4)	***c*** 28.159(7)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.15 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 2.035





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 616

FATPOG

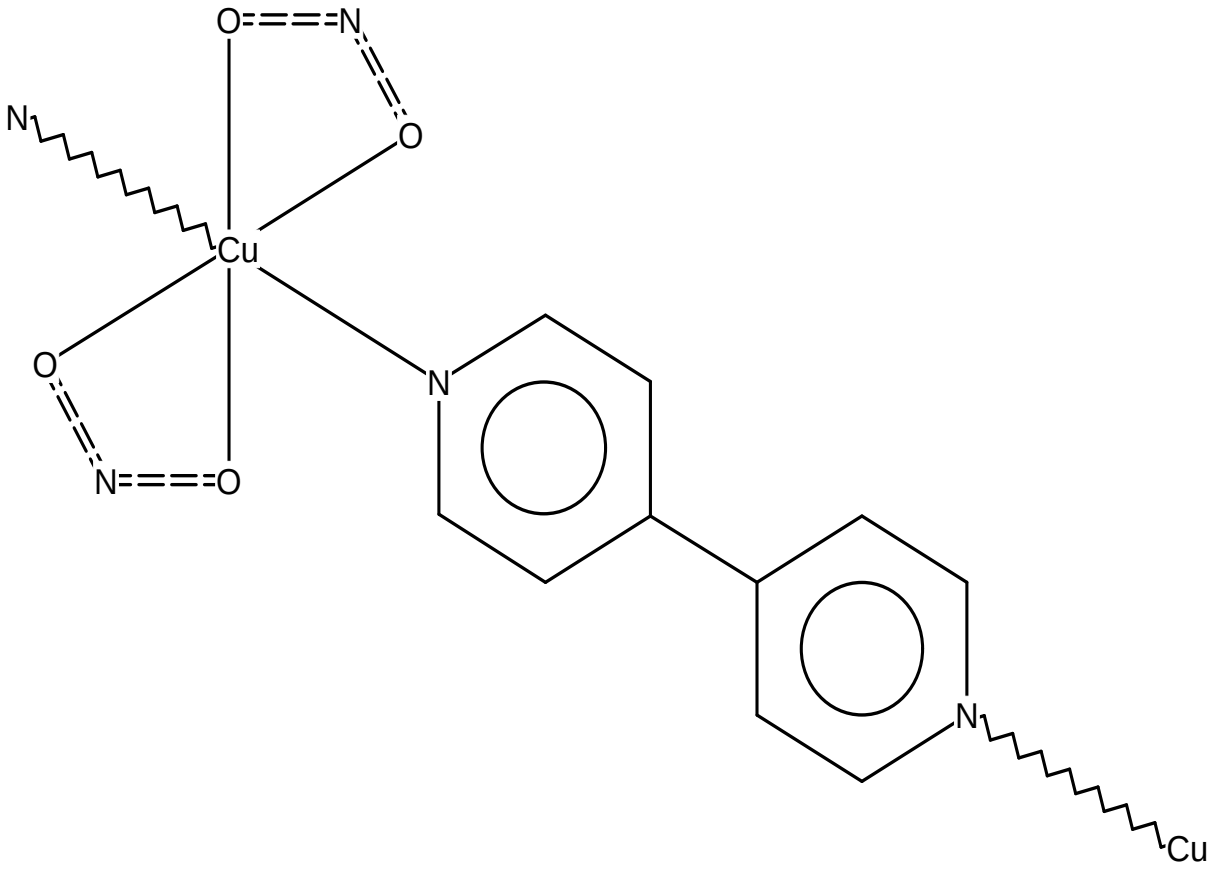
Reference: Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Yi-Hang Wen, Yao Kang, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**23,**1366

Formula: $(C_{10}\ H_8\ Cu_1\ N_4\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(nitrito-O,O')-copper(ii))

Space Group:	P2/m	***Cell:***	***a***	4.774(1)	***b*** 11.039(2)	***c***	5.675(1)
Space Group No.:	10	***(Å,°)***	α	90.00	β 91.39(0)	γ	90.00

R-Factor (%): 5.82 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.731



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 617

FATPUM

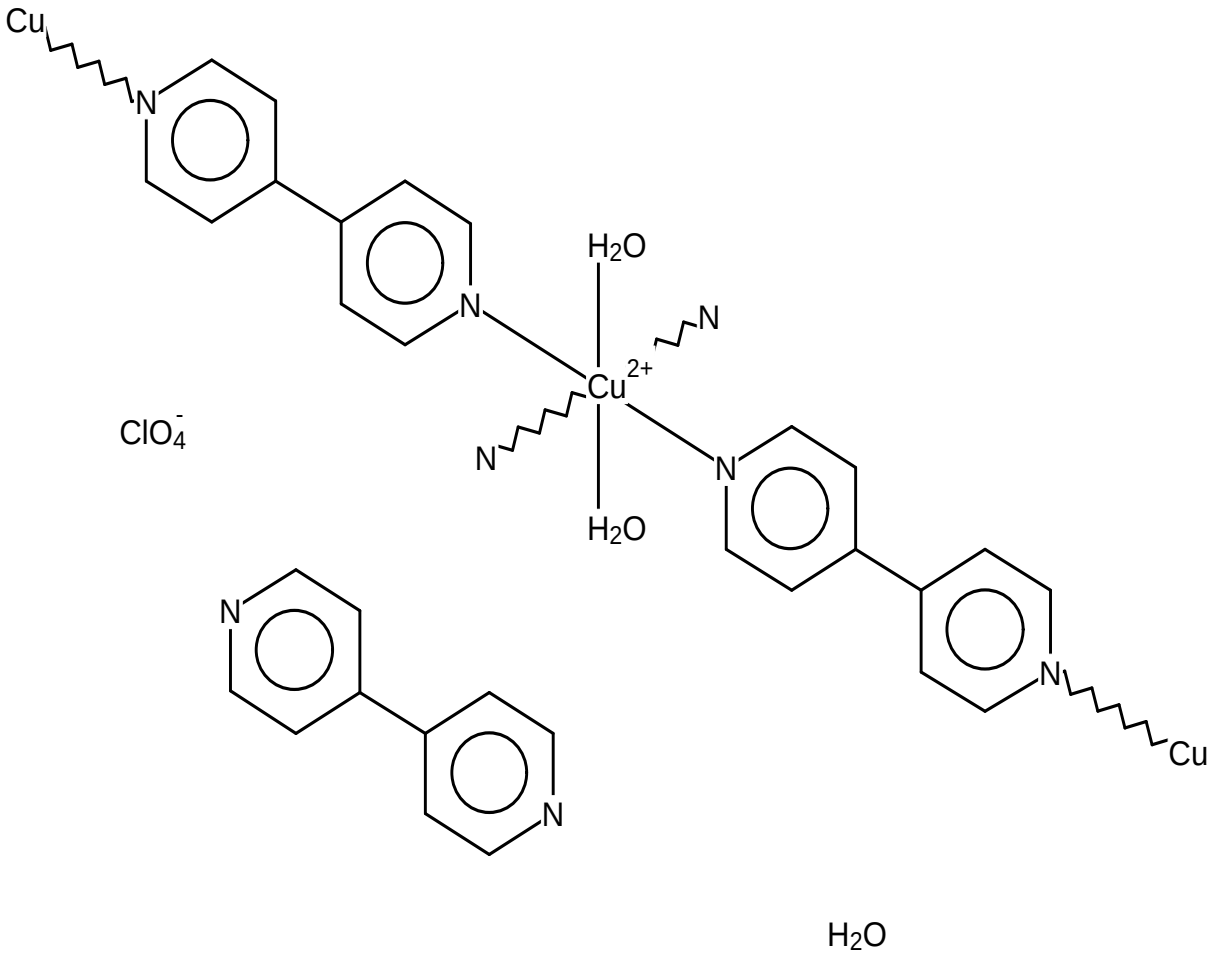
Reference: Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Yi-Hang Wen, Yao Kang, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Jiegou Huaxue(Chin.J.Struct.Chem.) ,***23,**1366

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_2$-4,4'-Bipyridine)-diaqua-copper(ii) diperchlorate (4,4'-bipyridine) monohydrate)

Space Group:	P2/n	***Cell:***	***a***	12.916(1)	***b*** 11.149(1)	***c***	15.006(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 106.64(0)	γ	90.00

R-Factor (%): 5.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.510



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 618

FATVIG

Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen (2004) *New J.Chem.* ,**28,**1412

Formula: $(C_{42}\ H_{28}\ Cu_6\ N_2\ O_{24})n$

Compound Name: catena-(bis(μ_4-1,2,3-benzenetricarboxylato)-bis(μ_3-1,2,3-benzenetricarboxylato)-(μ_2-4,4'-bipyridine)-tetraaqua-hexa-copper(ii))

Space Group:	P-1	***Cell:***	***a*** 7.868(1)	***b*** 10.356(2)	***c*** 13.390(2)
Space Group No.:	2	***(Å,°)***	α 85.43(1)	β 78.60(1)	γ 72.67(1)
R-Factor (%):	3.92	***Temperature(K):***	273	***Density(g/cm^3):***	2.157

n-$Cu_6[\mu_4$-$C_8H_3O_5$-κ^7O,O',O'',O''',O''''$]_2$--
--$[\mu_3$-$C_8H_3O_5$-κ^5O,O',O'',O'''$]_2$--
--$[\mu_2$-$C_{10}H_8N_2$-κ^2N,N'$][H_2O]_4$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 619

FATVOM

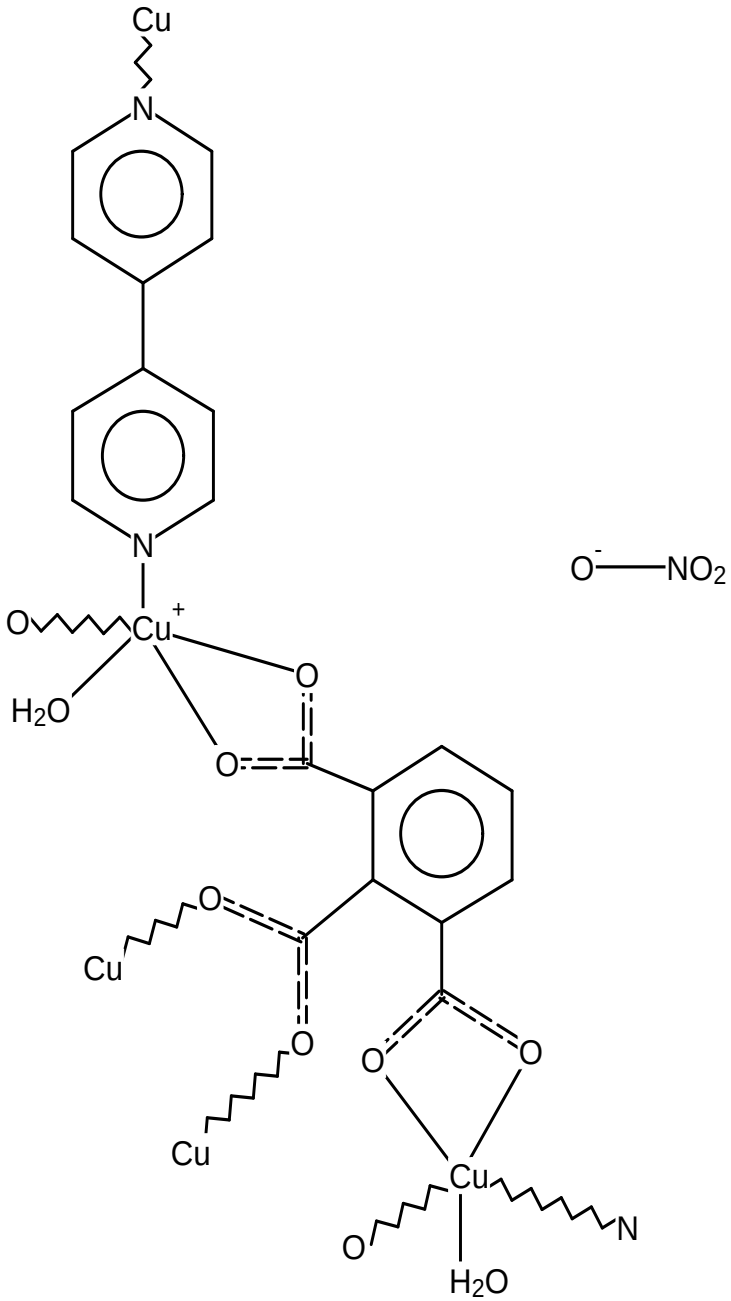
Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen (2004) *New J.Chem.* ,**28,**1412

Formula: $(C_{19}\ H_{15}\ Cu_2\ N_2\ O_8\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_4-isophthalato)-(μ_2-4,4'-bipyridyl)-diaqua-di-copper(ii) nitrate)

Space Group:	C2/c	***Cell:***	***a***	11.350(0)	***b*** 16.150(1)	***c***	11.366(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.94(0)	γ	90.00

R-Factor (%): 2.89 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.917



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 620

FAVYOR

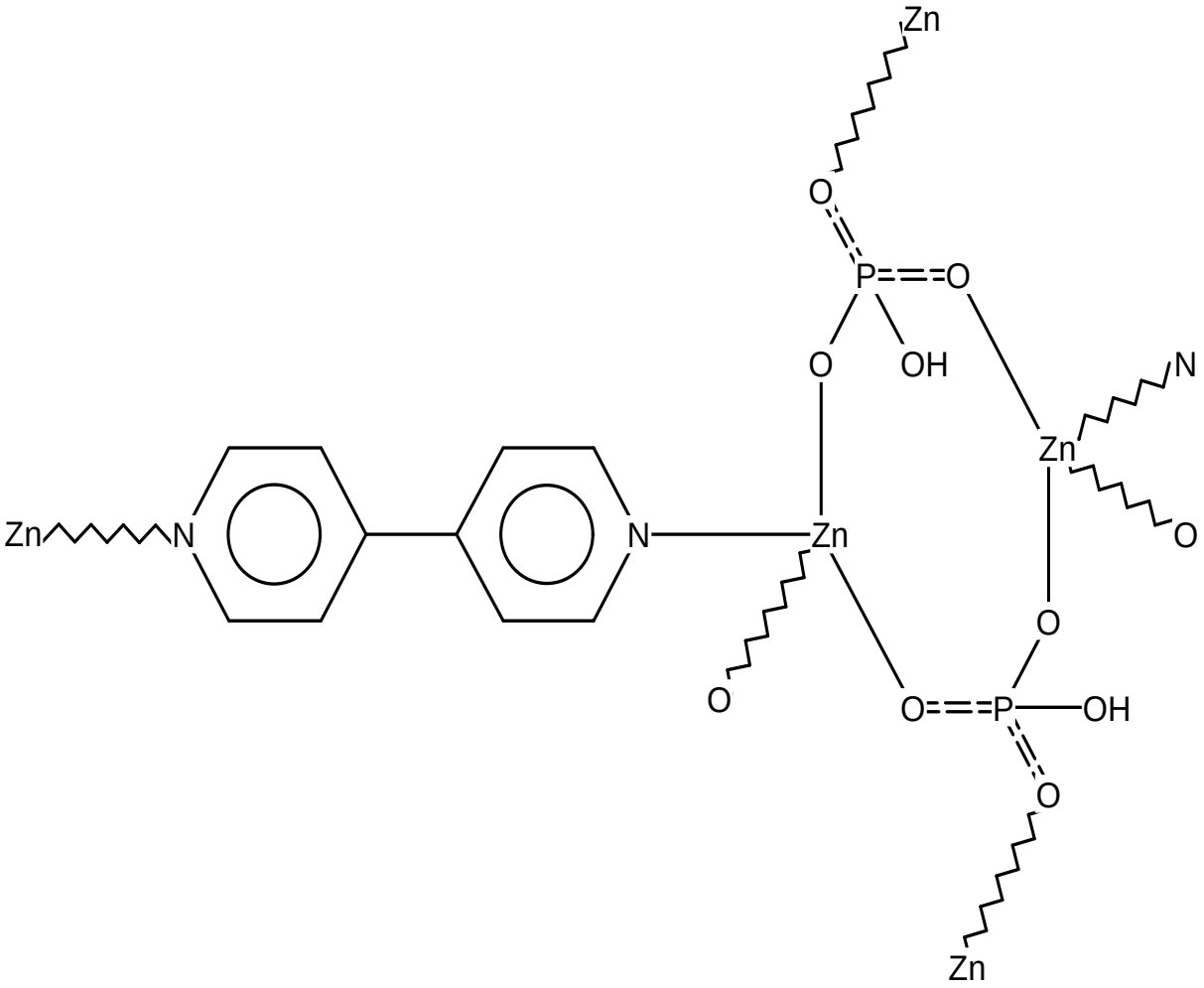
Reference: Zhi-En Lin, Jie Zhang, Shou-Tian Zheng, Guo-Yu Yang (2005) *Z.Anorg.Allg.Chem.* ,**631,**155

Formula: $(C_{10}\ H_{10}\ N_2\ O_8\ P_2\ Zn_2)n$

Compound Name: catena-(bis(μ_3-Hydrogen phosphato-O,O',O'')-(μ_2-4,4'-bipyridyl-N,N')-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	10.448(0)	***b***	8.169(0)	***c*** 8.964(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.91(0)	γ 90.00

R-Factor (%): 5.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.099



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 621

FAXGUH

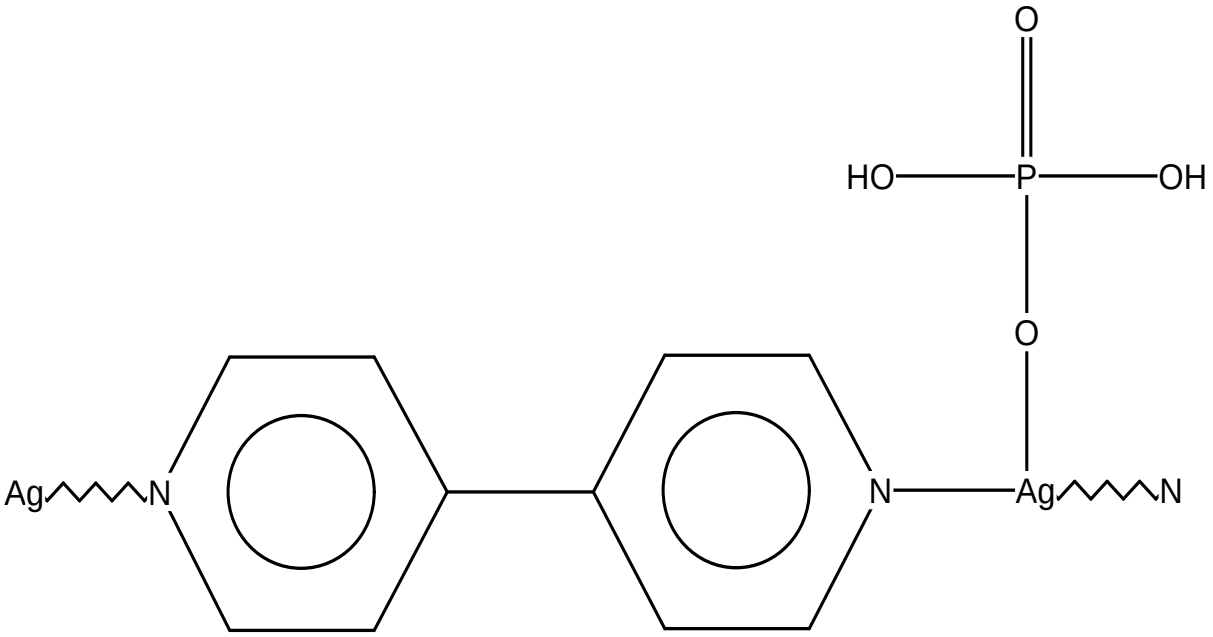
Reference: Li-Shi Wang, Shi-Ping Yang, Jin-Feng Zhang (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m25

Formula: $(C_{10}\ H_{10}\ Ag_1\ N_2\ O_4\ P_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-(dihydrogen phosphato-O)-silver(i) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	8.566(6)	***b*** 8.807(7)	***c***	18.729(17)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.37	γ	90.00

R-Factor (%): 9.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.904



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 622

FAXHIW

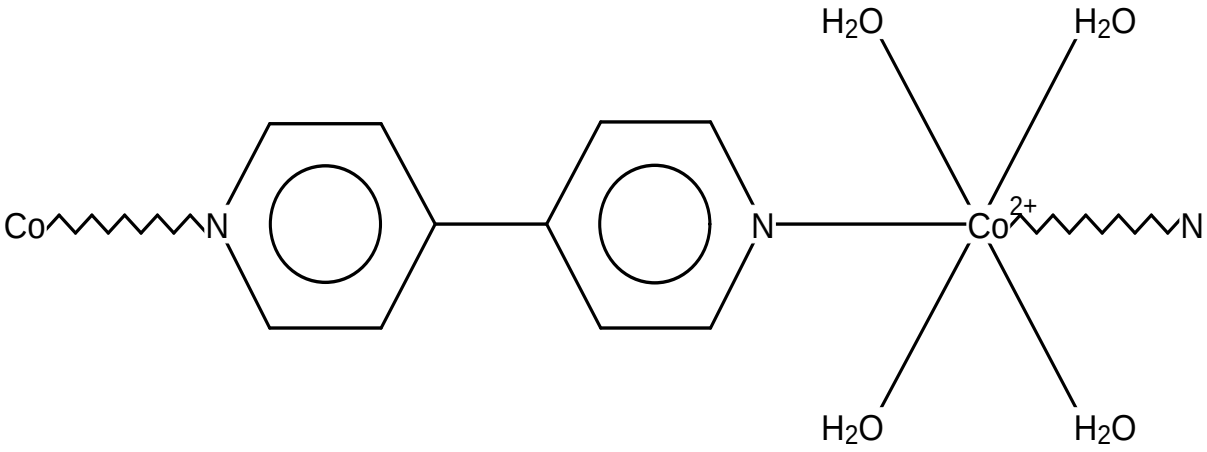
Reference: Jing-Gui Zhao, Chang-Sheng Gu, Shan Gao, Li-Hua Huo, Ji-Wei Liu (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,**m33

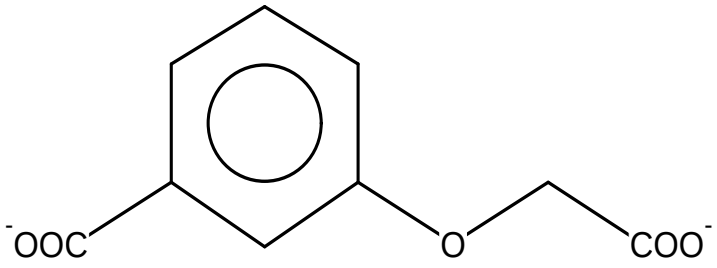
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_9\ H_6\ O_5\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(tetra-aqua-cobalt(ii) (3-carboxylatophenoxyacetate) monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.270(1)	***b*** 11.161(2)	***c***	11.456(2)
Space Group No.:	2	***(Å,°)***	α	108.72(3)	β 106.56(3)	γ	90.39(3)

R-Factor (%): 4.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.550





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 623

FAXLIA

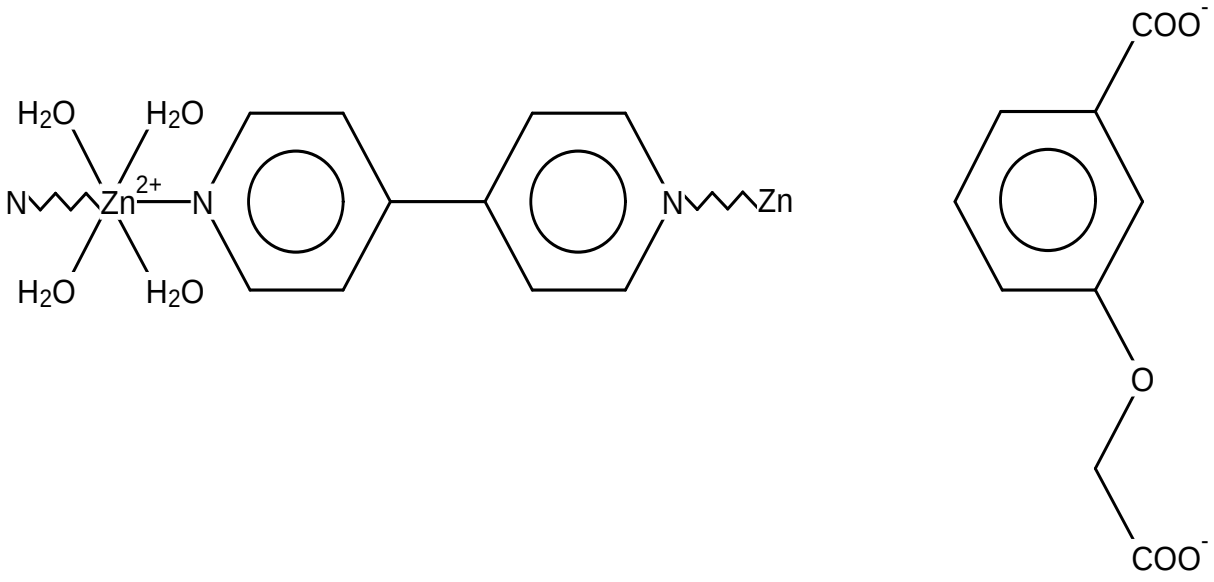
Reference: Jing-Gui Zhao, Chang-Sheng Gu, Li-Hua Huo, Ji-Wei Liu, Shan Gao (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,**m76

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_9\ H_6\ O_5\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-zinc(ii) 3-carboxylatophenoxyacetate monohydrate)

Space Group:	P-1	***Cell:***	***a*** 9.305(0)	***b*** 11.160(1)	***c*** 11.425(1)
Space Group No.:	2	***(Å,°)***	α 108.53(0)	β 106.49(0)	γ 90.74(0)

R-Factor (%): 4.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.567



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 624

FAXMOH

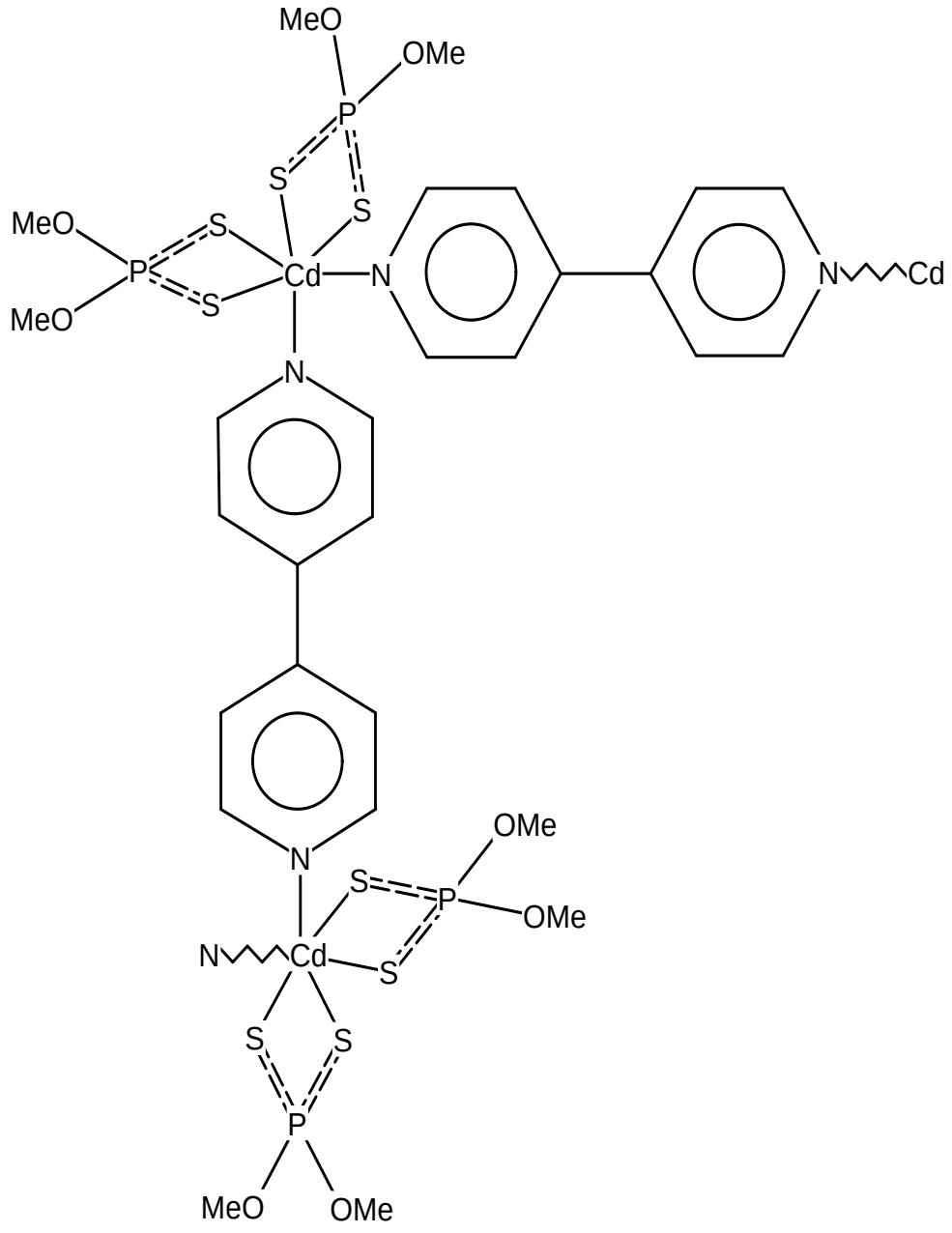
Reference: Tao Li, Zhi-Hua Li, Shao-Wu Du (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m95

Formula: $(C_{28}\ H_{40}\ Cd_2\ N_4\ O_8\ P_4\ S_8)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(O,O'-dimethyl dithiophosphato-S,S')-di-cadmium(ii))

Space Group:	P-1	***Cell:***	***a***	10.281(3)	***b***	10.672(4)	***c***	12.945(5)
Space Group No.:	2	***(Å,°)***	α	79.21(1)	β	67.07(1)	γ	63.50(1)

R-Factor (%): 4.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.654



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 625

FAXPAW

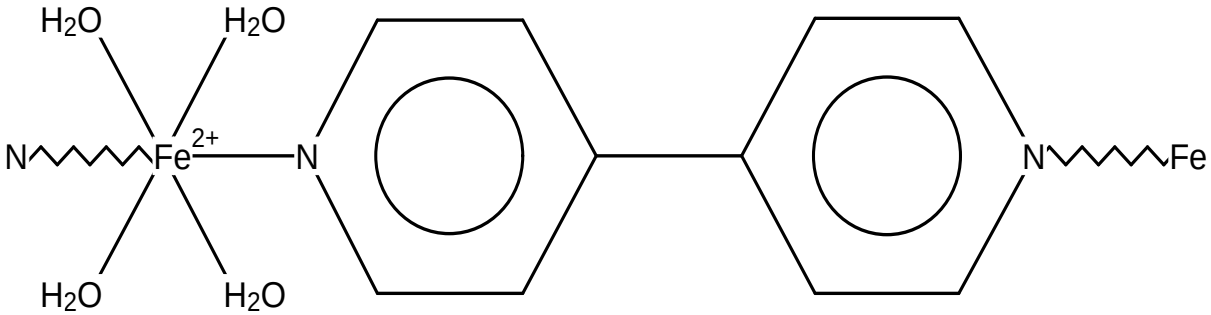
Reference: G.J.Halder, C.J.Kepert (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m113

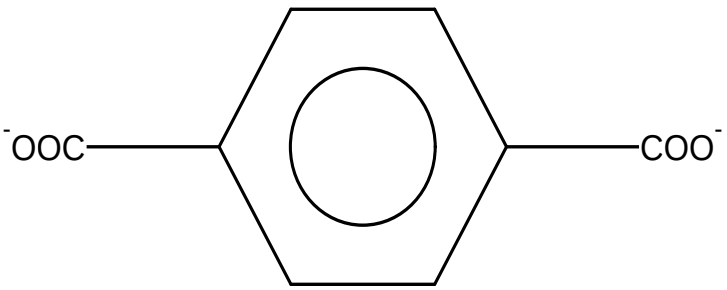
Formula: $(C_{10}\ H_{16}\ Fe_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-tetra-aqua-iron(ii) benzene-1,4-dicarboxylate)

Space Group:	P2/c	***Cell:***	***a***	6.954(1)	***b*** 11.465(2)	***c***	12.059(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 113.55(0)	γ	90.00

R-Factor (%): 2.31 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.689





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 626

FAZYAH

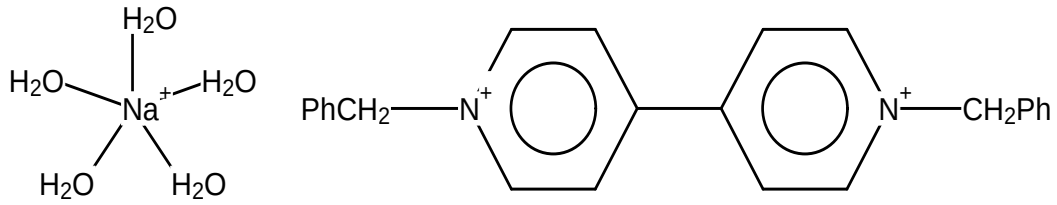
Reference: Yu Liu, Hao Wang, Heng-Yi Zhang, Li-Hua Wang (2005)
Cryst.Growth Des. ,**5,**231

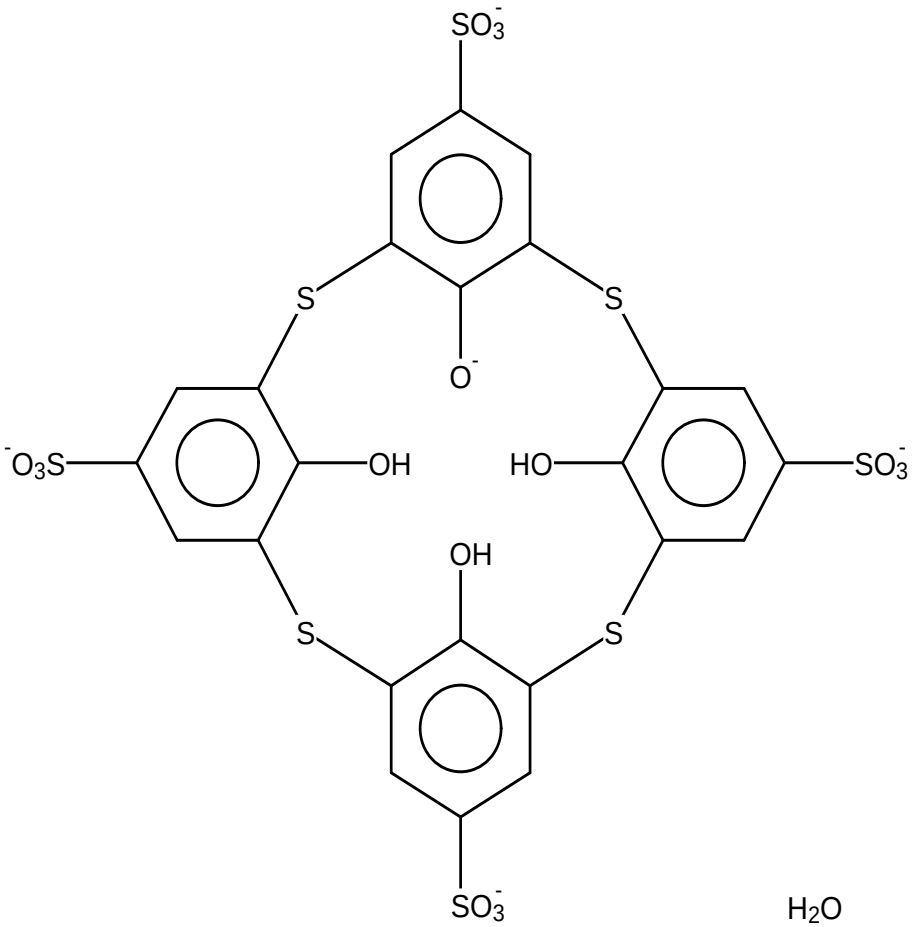
Formula: $H_{10}\,Na_1\,O_5\,^{1+},2(C_{24}\,H_{22}\,N_2\,^{2+}),C_{24}\,H_{11}\,O_{16}\,S_8\,^{5-},4.5(H_2\,O_1)$

Compound Name: Pentaaqua-sodium bis(benzyl viologen) 25,26,27-trihydroxy-2,8,14,20-tetrathiacalix(4)arene-5,11,17,23-tetrasulfonate-28-olate hydrate

Space Group:	P21/c	***Cell:***	***a***	15.099(4)	***b*** 35.962(10)	***c***	14.662(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.29(0)	γ	90.00

R-Factor (%): 8.09 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.437





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 627

FAZYEL

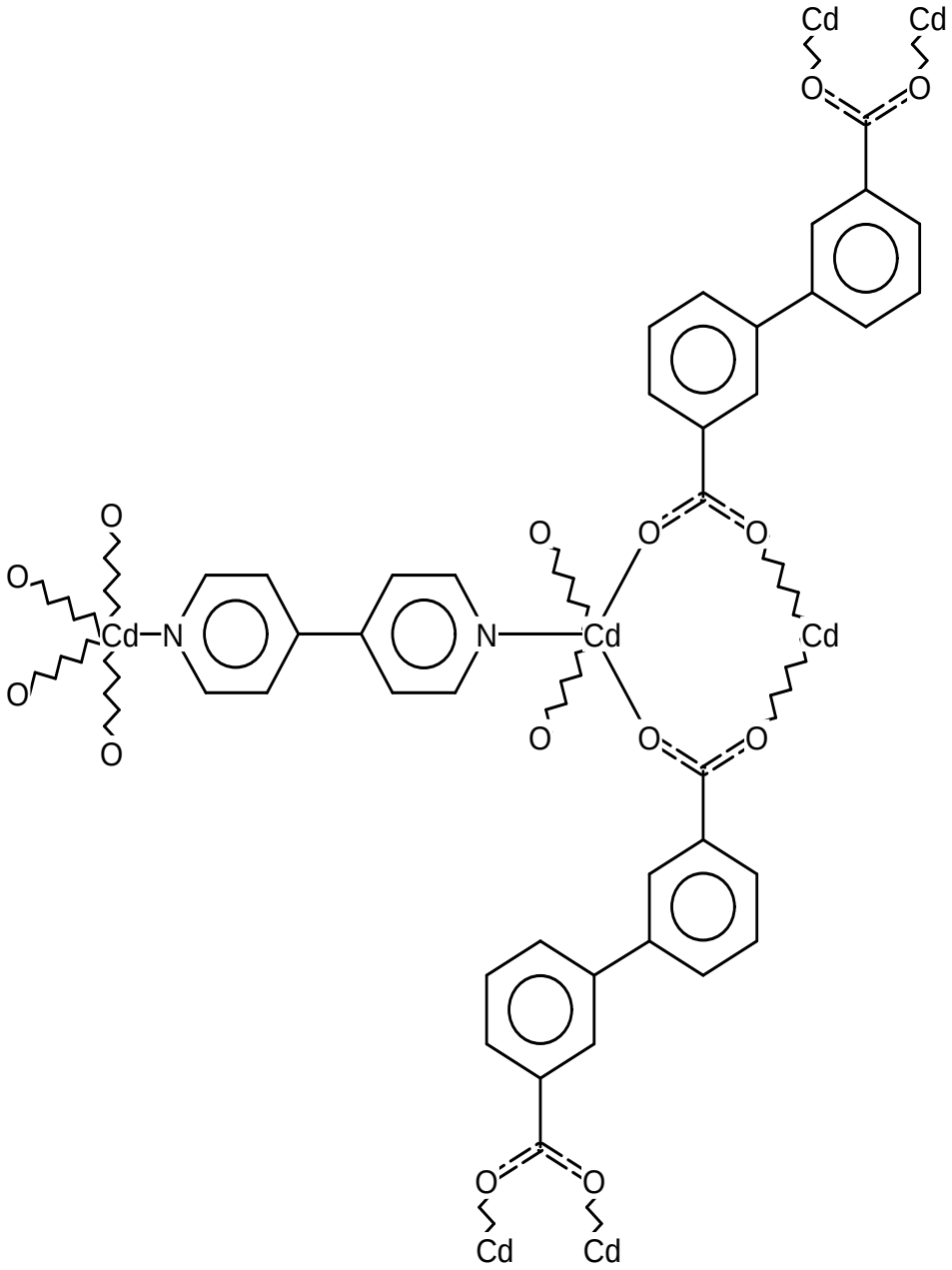
Reference: Ruihu Wang, Lei Han, Feilong Jiang, Youfu Zhou, Daqiang Yuan, Maochun Hong (2005) *Cryst.Growth Des. ,***5,**129

Formula: $(C_{38}\ H_{24}\ Cd_2\ N_2\ O_8)n$

Compound Name: catena-(bis(μ_4-1,1'-Biphenyl-3,3'-dicarboxylato)-(μ_2-4,4'-bipyridine)-di-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a***	8.921(0)	***b*** 20.612(1)	***c***	9.647(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.52(0)	γ	90.00

R-Factor (%): 5.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.659



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 628

FEFTOA

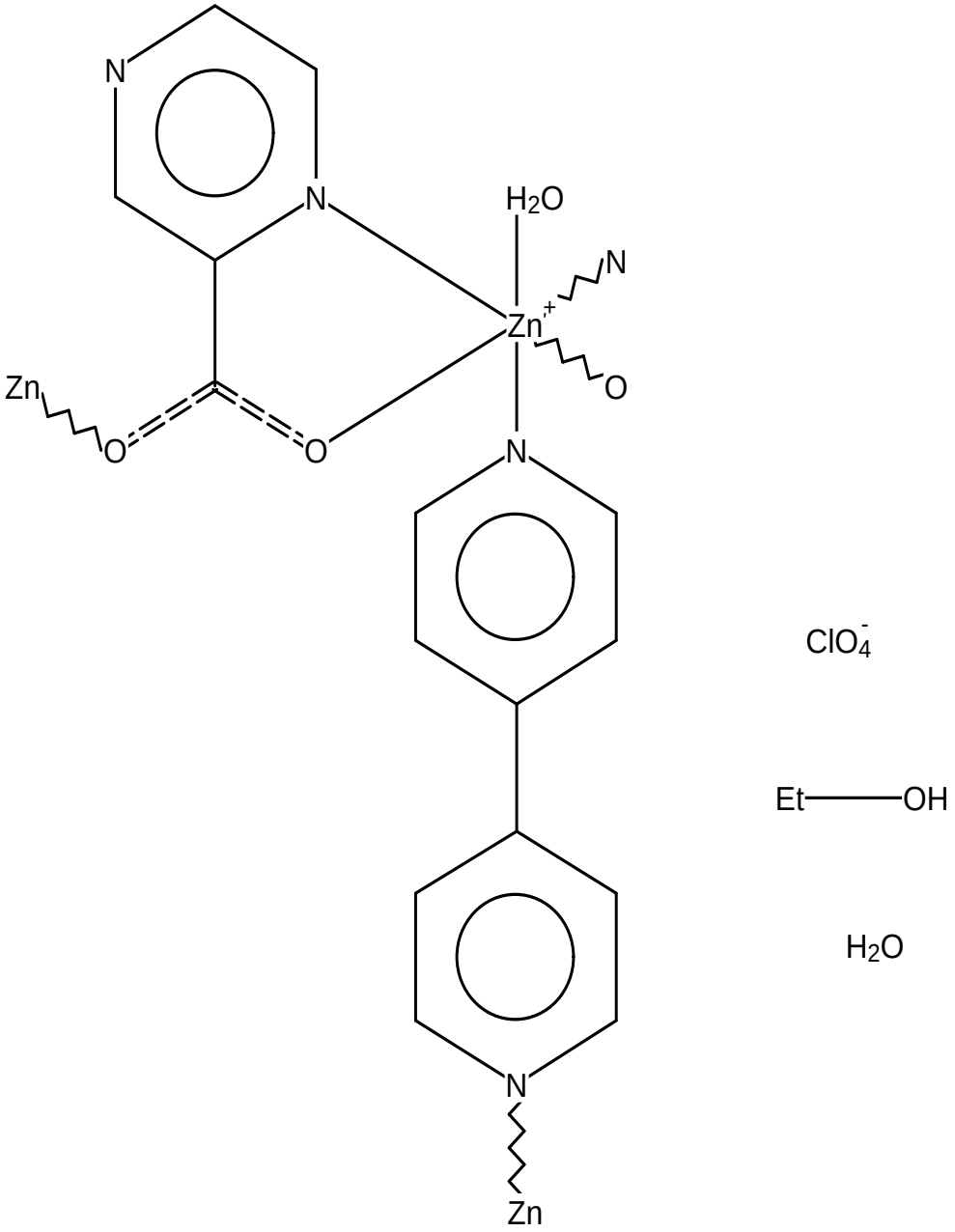
Reference: T.Sunahara, S.Onaka, M.Ito, H.Imai, K.Inoue, T.Ozeki (2004) *Eur.J.Inorg.Chem. ,*4882

Formula: $(C_{15}\ H_{13}\ N_4\ O_3\ Zn_1\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),n(C_2\ H_6\ O_1),n(H_2\ O_1)$

Compound Name: catena-(trans-(μ_2-Pyrazine-2-carboxylato)-(μ_2-4,4'-bipyridyl)-aqua-zinc(ii) perchlorate ethanol solvate monohydrate)

Space Group:	P21/c	***Cell:***	***a*** 10.492(6)	***b*** 9.409(5)	***c*** 22.685(13)
Space Group No.:	14	***(Å,°)***	α 90.00	β 100.12(0)	γ 90.00

R-Factor (%): 4.42 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.585



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 629

FEJFOQ

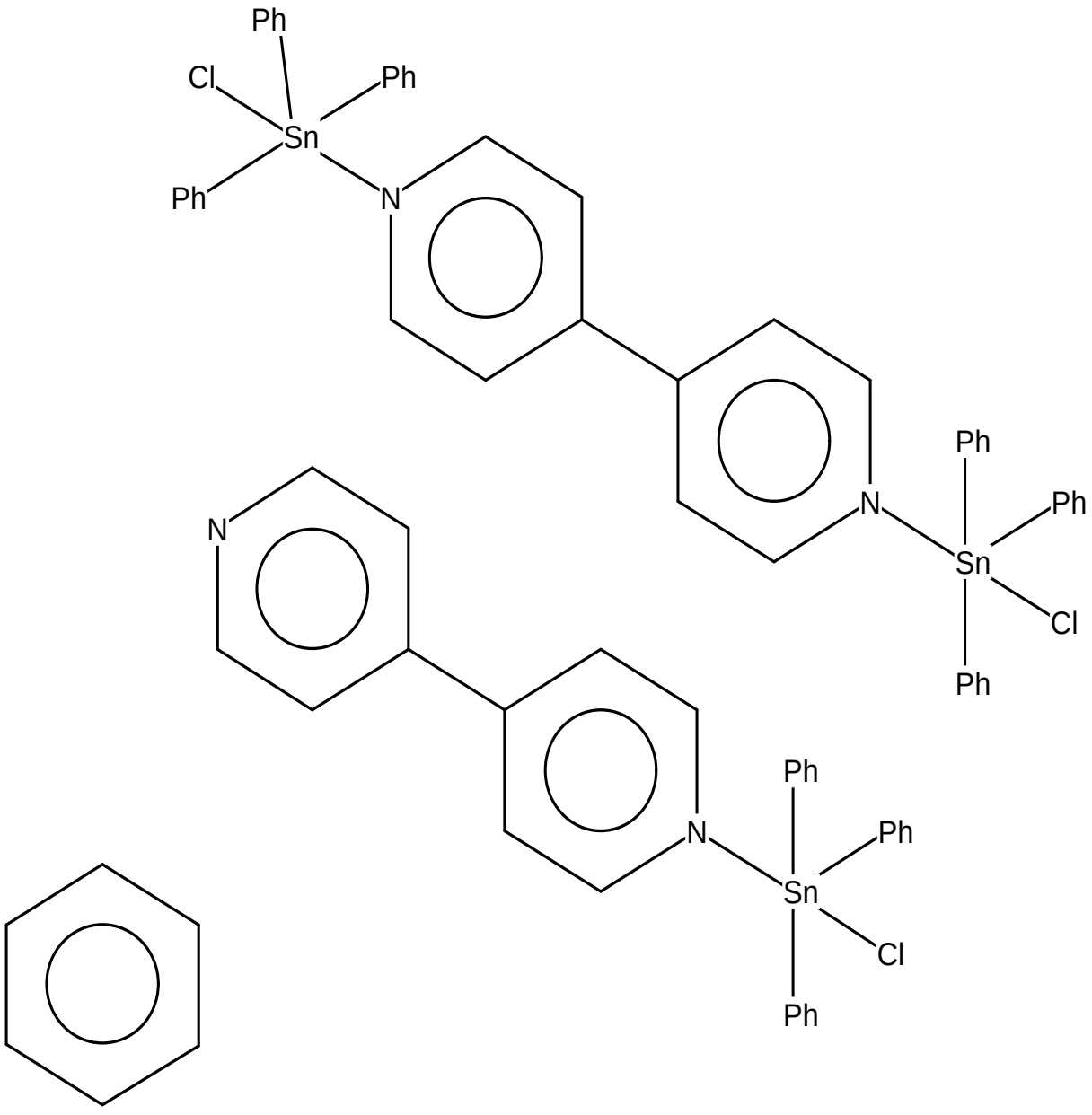
Reference: Chunlin Ma, Junhong Zhang, Rufen Zhang (2004) *Heteroat.Chem. ,***15,**338

Formula: $C_{46}\ H_{38}\ Cl_2\ N_2\ Sn_2$,2($C_{28}\ H_{23}\ Cl_1\ N_2\ Sn_1$),$C_6\ H_6$

Compound Name: (μ_2-4,4'-bipyridyl)-bis(chloro-triphenyl-tin(iv)) bis((4,4'-bipyridyl)-chloro-triphenyl-tin(iv)) benzene solvate

Space Group:	P-1	***Cell:***	***a***	9.255(1)	***b***	14.040(3)	***c***	18.664(4)
Space Group No.:	2	***(Å,°)***	α	82.20(0)	β	81.23(0)	γ	82.22(0)

R-Factor (%):	4.25	***Temperature(K):***	299	***Density(g/cm^3):***	1.471



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 630

FEJFUW

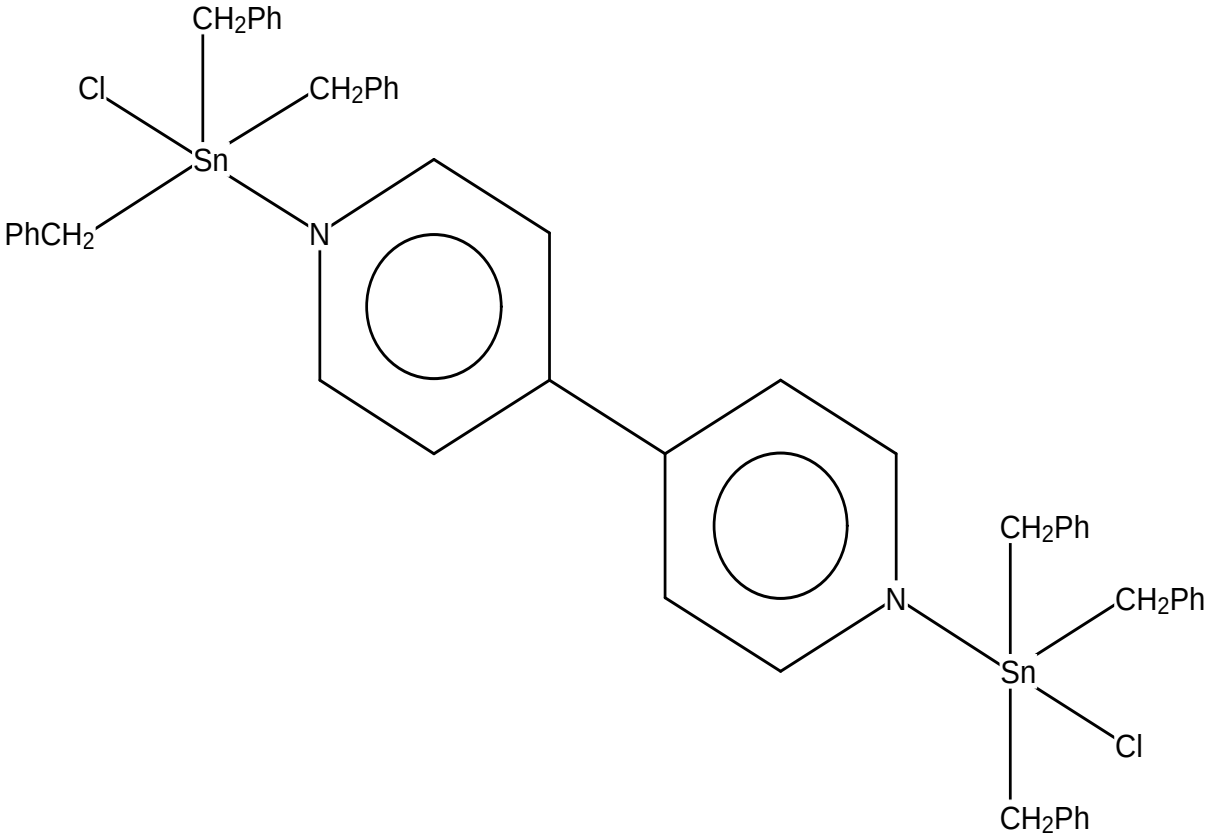
Reference: Chunlin Ma, Junhong Zhang, Rufen Zhang (2004)
*Heteroat.Chem. ,***15,**338

Formula: $C_{52}\ H_{50}\ Cl_2\ N_2\ Sn_2$

Compound Name: (μ_2-4,4'-bipyridyl)-bis(chloro-tribenzyl-tin(iv))

Space Group:	P21/n	***Cell:***	***a***	13.148(4)	***b***	14.775(4)	***c***	23.868(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.79(0)	γ	90.00

R-Factor (%): 5.58 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 631

FEJGAD

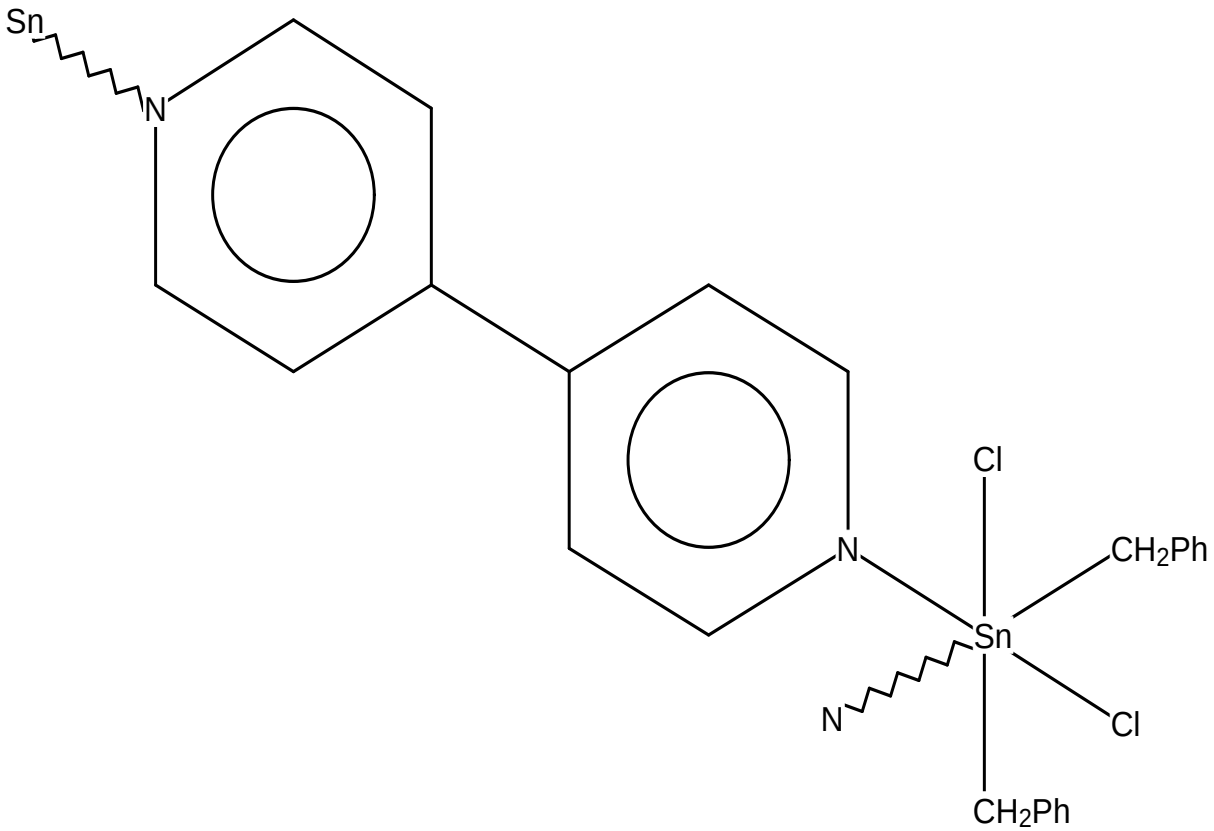
Reference: Chunlin Ma, Junhong Zhang, Rufen Zhang (2004)
*Heteroat.Chem. ,***15,**338

Formula: $(C_{24}\ H_{22}\ Cl_2\ N_2\ Sn_1)n$

Compound Name: catena-(μ_2-4,4'-bipyridyl)-dibenzyl-dichloro-tin(iv))

Space Group:	Cc	***Cell:***	***a***	15.869(4)	***b*** 11.845(3)	***c***	13.295(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β 112.97(0)	γ	90.00

R-Factor (%): 3.04 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 632

FEJGAD01

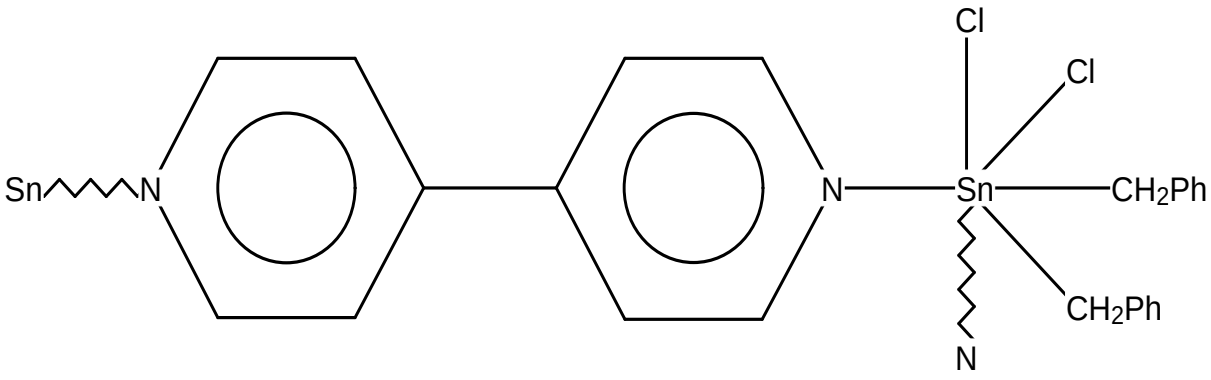
Reference: R.E.Marsh (2009) *Acta Crystallogr.,Sect.B:Struct.Sci.* ,**65,** 782

Formula: $(C_{24}\ H_{22}\ Cl_2\ N_2\ Sn_1)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-dibenzyl-dichloro-tin(iv))

Space Group:	C2/c	***Cell:***	***a***	15.869(4)	***b*** 11.845(3)	***c***	13.295(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.97(0)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 633

FEJGEH

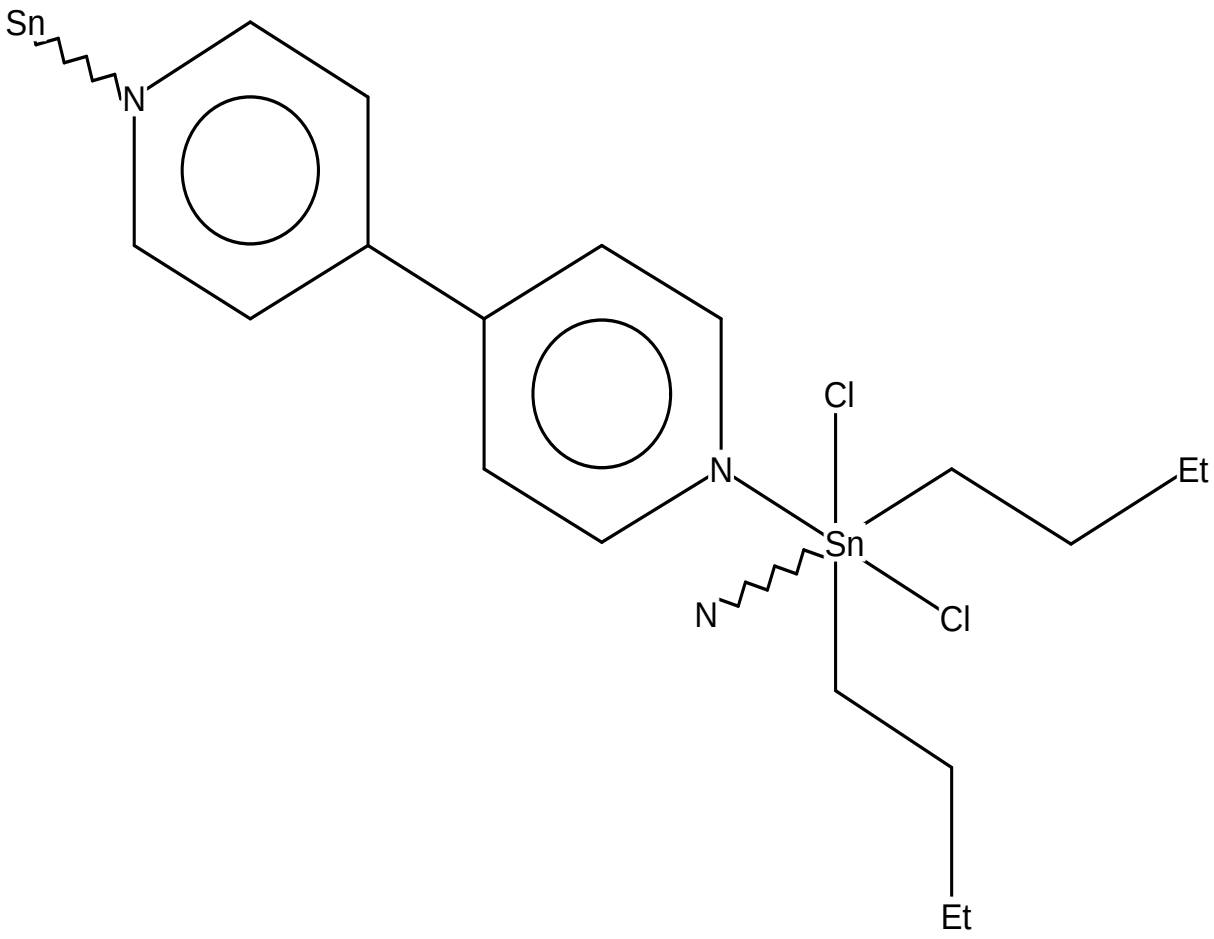
Reference: Chunlin Ma, Junhong Zhang, Rufen Zhang (2004)
*Heteroat.Chem. ,***15,**338

Formula: $(C_{18}\ H_{26}\ Cl_2\ N_2\ Sn_1)n$

Compound Name: catena((μ_2-4,4'-bipyridyl)-di-n-butyl-dichloro-tin(iv))

Space Group:	P1	***Cell:***	***a***	9.202(5)	***b***	9.350(5)	***c*** 9.563(5)
Space Group No.:	1	***(Å,°)***	α	85.43(0)	β	61.32(0)	γ 79.61(0)

R-Factor (%): 5.51 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.076



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 634

FEJXAU

Reference: Ruihu Wang, Youfu Zhou, Yanqiong Sun, Daqiang Yuan, Lei Han, Benyong Lou, Benlai Wu, Maochun Hong (2005) *Cryst.Growth Des. ,***5,**251

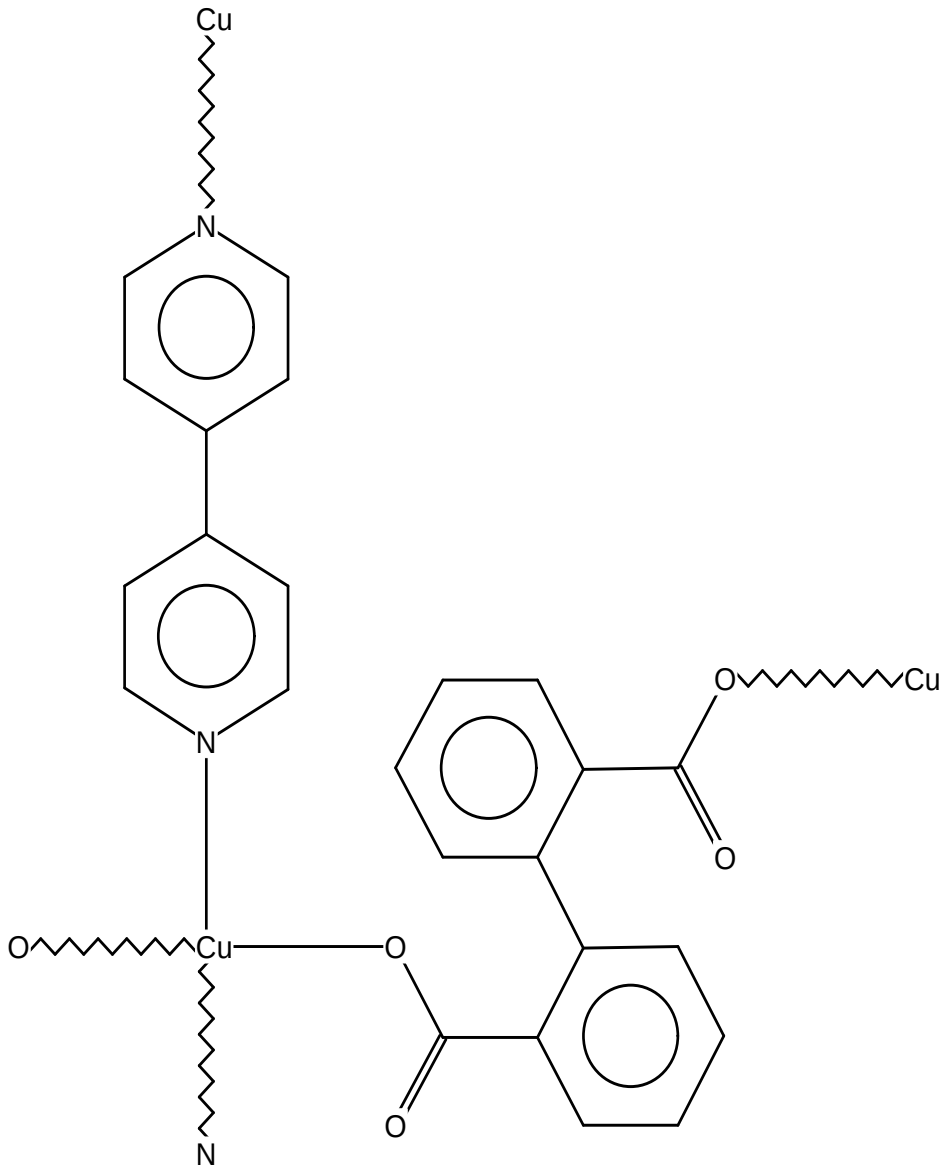
Formula: $(C_{24}\ H_{16}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridine)-(μ_2-1,1'-biphenyl-2,2'-dicarboxylato)-copper(ii))

Synonym: catena-(trans-(μ_2-4,4'-Bipyridine)-(μ_2-diphenoato)-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	20.194(2)	***b*** 9.513(0)	***c***	11.425(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 117.02(0)	γ	90.00

R-Factor (%): 3.98 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.562



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 635

FELWUO

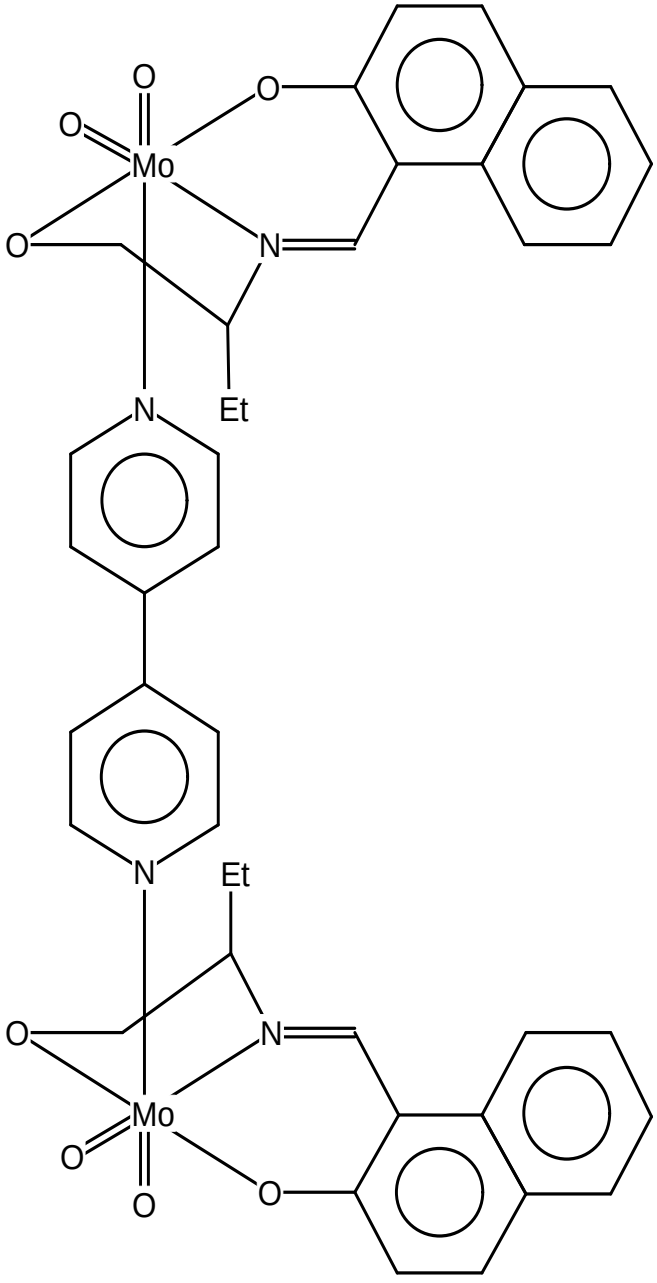
Reference: K.Nakajima, K.Yokoyama, T.Kano, M.Kojima (1998)
Inorg.Chim.Acta ,**282,**209

Formula: $C_{40}\ H_{38}\ Mo_2\ N_4\ O_8$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(cis-dioxo((R)-2-((2-hydroxy-1-naphthyl) methylideneamino)butanolato)-molybdenum(vi))

Space Group:	P21	***Cell:***	***a***	17.862(3)	***b***	15.691(3)	***c***	14.820(4)
Space Group No.:	4	***(Å,°)***	α	90.00	β	90.53(2)	γ	90.00

R-Factor (%): 5.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.431



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 636

FENKIT

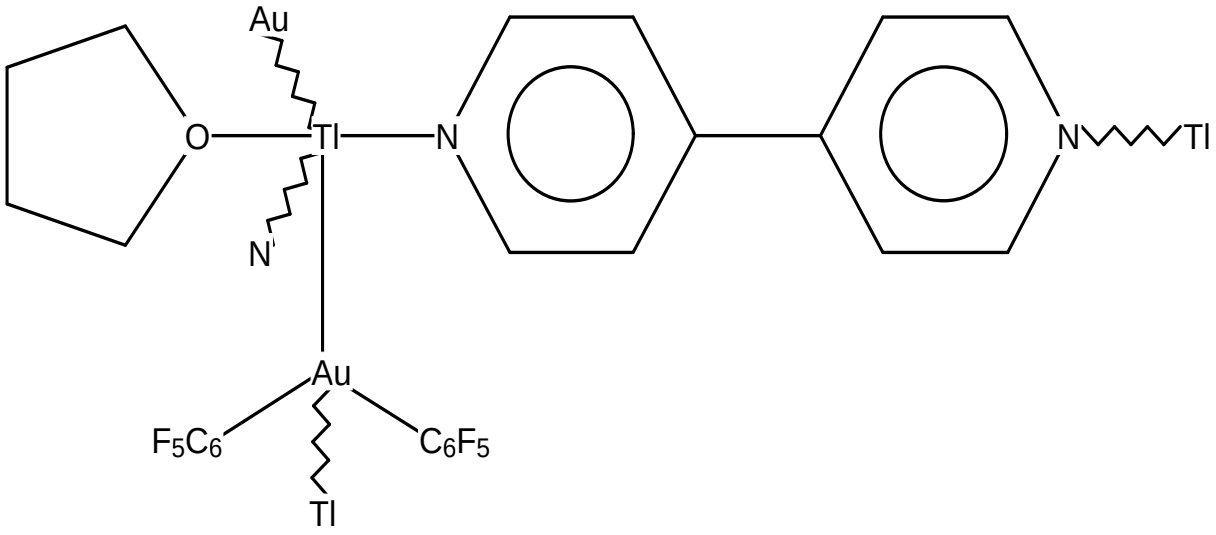
Reference: E.J.Fernandez, P.G.Jones, A.Laguna, J.M.Lopez-de-Luzuriaga, M.Monge, M.Montiel, M.E.Olmos, J.Perez (2004) *Z.Naturforsch.,B:Chem.Sci. ,***59,**1379

Formula: $(C_{26}\ H_{16}\ Au_1\ F_{10}\ N_2\ O_1\ Tl_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(perfluorophenyl)-tetrahydrofuran-gold(i)-thallium(i))

Space Group:	P21/c	***Cell:***	***a***	6.624(0)	***b***	19.146(0)	***c*** 20.905(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.93(0)	γ 90.00

R-Factor (%): 3.84 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.444



Search: search1 (Thu May 26 10:05:42 2011): Hit 637

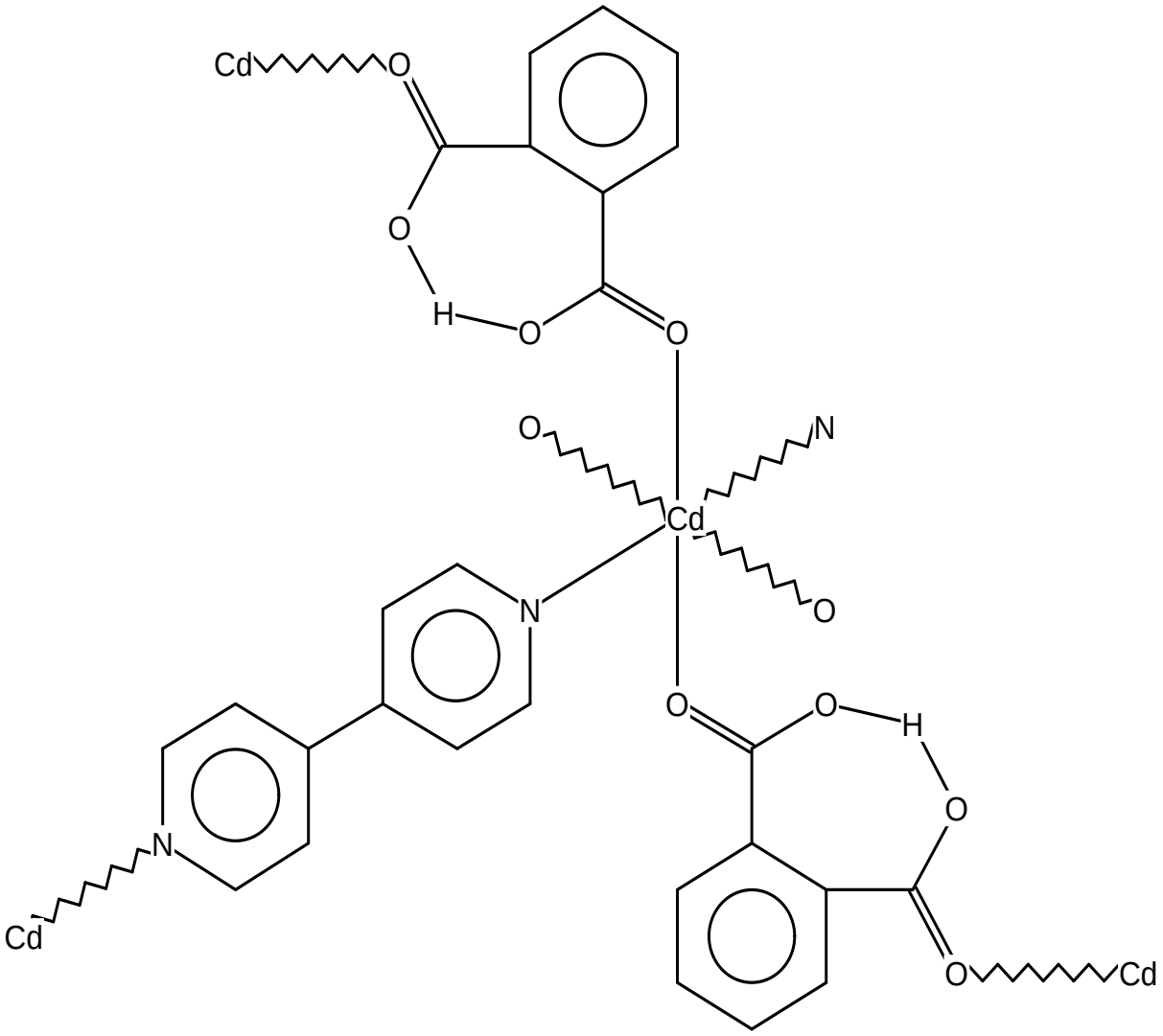
FEQSOK

Reference: Xinlong Wang, Chao Qin, Enbo Wang, Lin Xu (2005)
*J.Mol.Struct. ,***737,**49

Formula: $(C_{26}\ H_{18}\ Cd_1\ N_2\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-hydrogen phthalato-O,O')-cadmium(ii))

Space Group:	I4122	***Cell:***	***a***	8.294(5)	***b***	8.294(5)	***c***	33.754(1)
Space Group No.:	98	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	2.07	***Temperature(K):***	293		***Density(g/cm^3):***	1.713		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 638

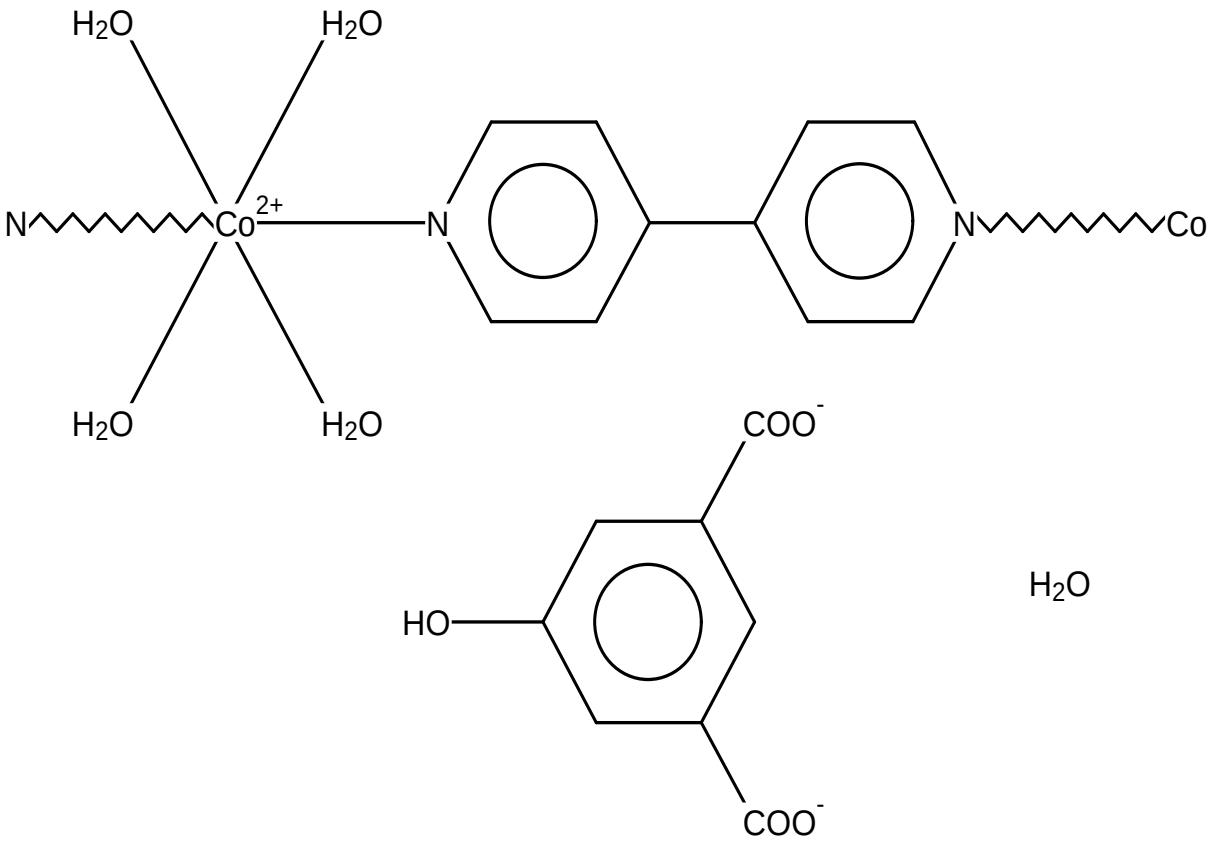
FEQVED

Reference: Hong-Yin He, Yi-Li Zhou, Yan Hong, Long-Guan Zhu (2005) *J.Mol.Struct.* ,**737,**97

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_5\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-tetra-aqua-cobalt(ii) 5-hydroxybenzene-1,3-dicarboxylate monohydrate)

Space Group:	Pna21	***Cell:***	***a***	13.476(1)	***b***	12.720(1)	***c***	11.399(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	4.50	***Temperature(K):***	293		***Density(g/cm^3):***	1.650		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 639

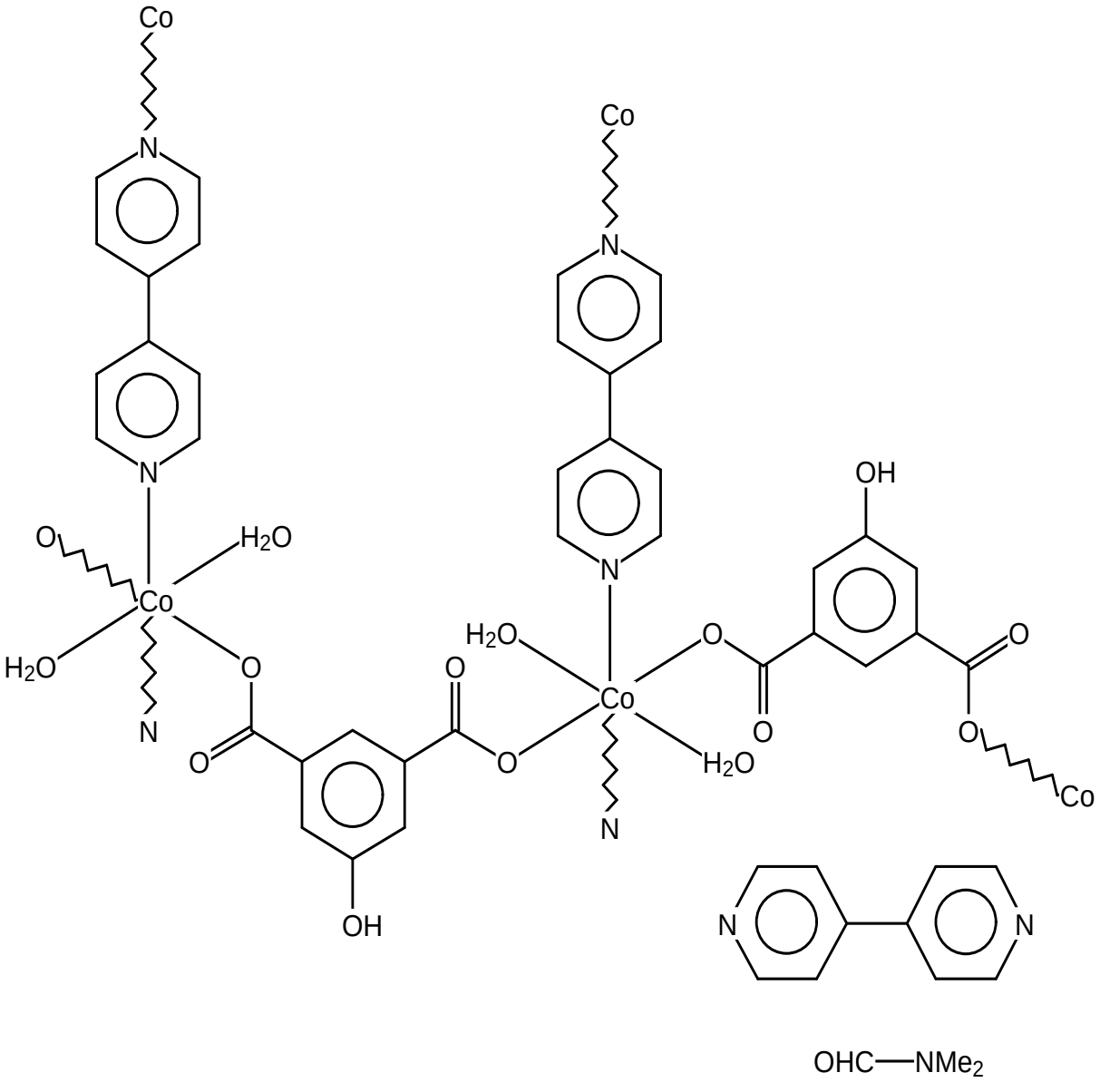
FEQVIH

Reference: Hong-Yin He, Yi-Li Zhou, Yan Hong, Long-Guan Zhu (2005) *J.Mol.Struct.* ,**737,**97

Formula: $(C_{36}\ H_{32}\ Co_2\ N_4\ O_{14})n,2n(C_{10}\ H_8\ N_2),2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-5-hydroxybenzene-1,3-dicarboxylato)-tetra-aqua-di-cobalt(ii) bis(4,4'-bipyridyl) bis(N,N-dimethylformamide) clathrate)

Space Group:	Pccn	***Cell:***	***a***	14.078(8)	***b***	19.575(12)	***c***	22.714(13)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.73	***Temperature(K):***	293		***Density(g/cm^3):***		1.402	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 640

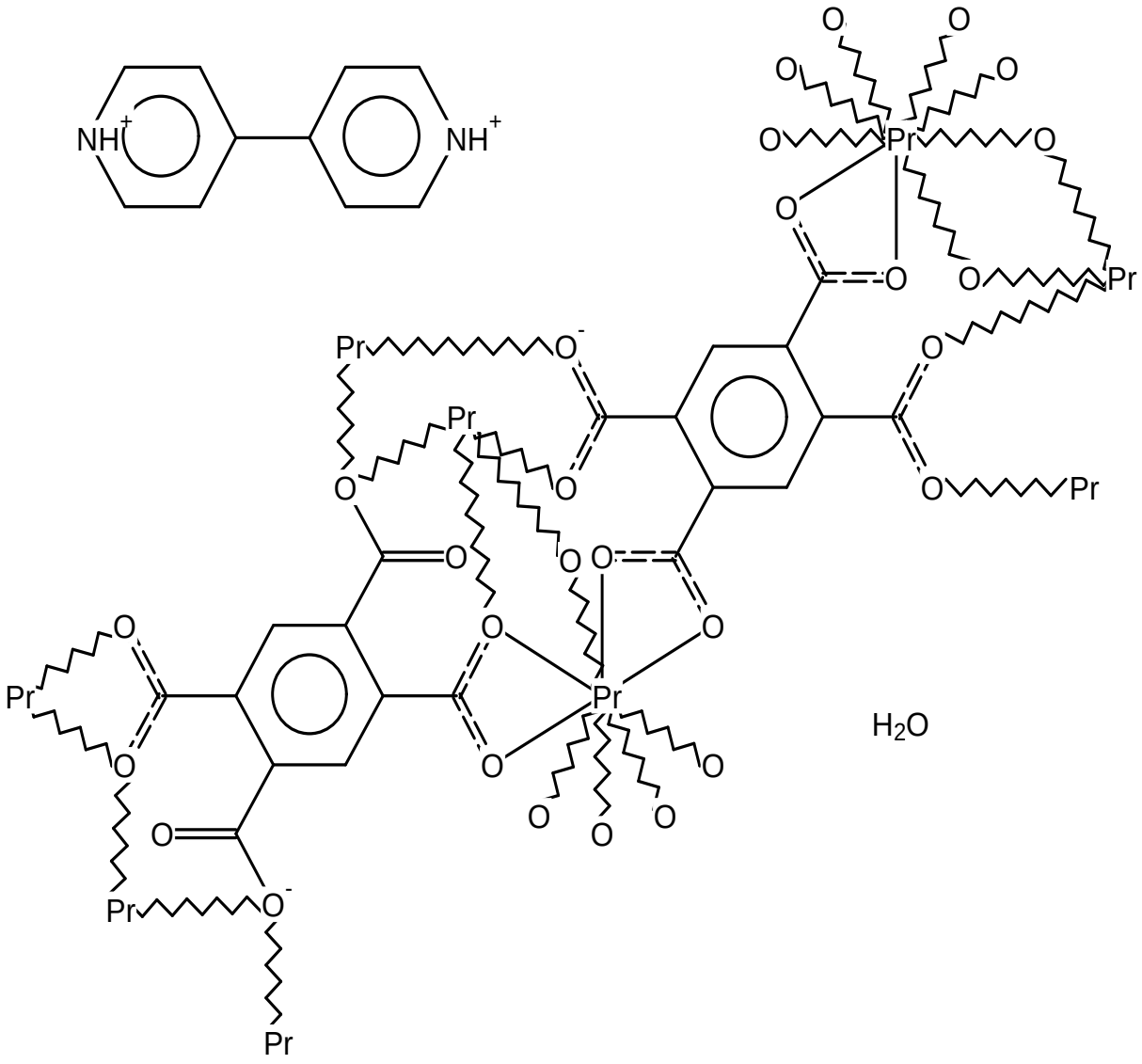
FEQWOO

Reference: Yi-Bo Wang, Wen-Juan Zhuang, Lin-Pei Jin, Shao-Zhe Lu (2005) *J.Mol.Struct.* ,**737,**165

Formula: $(C_{20}\ H_4\ O_{16}\ Pr_2\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),0.25n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_6-benzene-1,2,4,5-tetracarboxylato)-di-praseodymium(iii) hydrate)

Space Group:	P-1	***Cell:***	***a*** 7.396(2)	***b*** 10.066(3)	***c*** 11.205(3)
Space Group No.:	2	***(Å,°)***	α 101.87(0)	β 106.13(0)	γ 109.59(0)
R-Factor (%):	3.06	***Temperature(K):***	293	***Density(g/cm^3):***	2.201


NH+
NH+
Pr
O
Pr
O
Pr
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 641

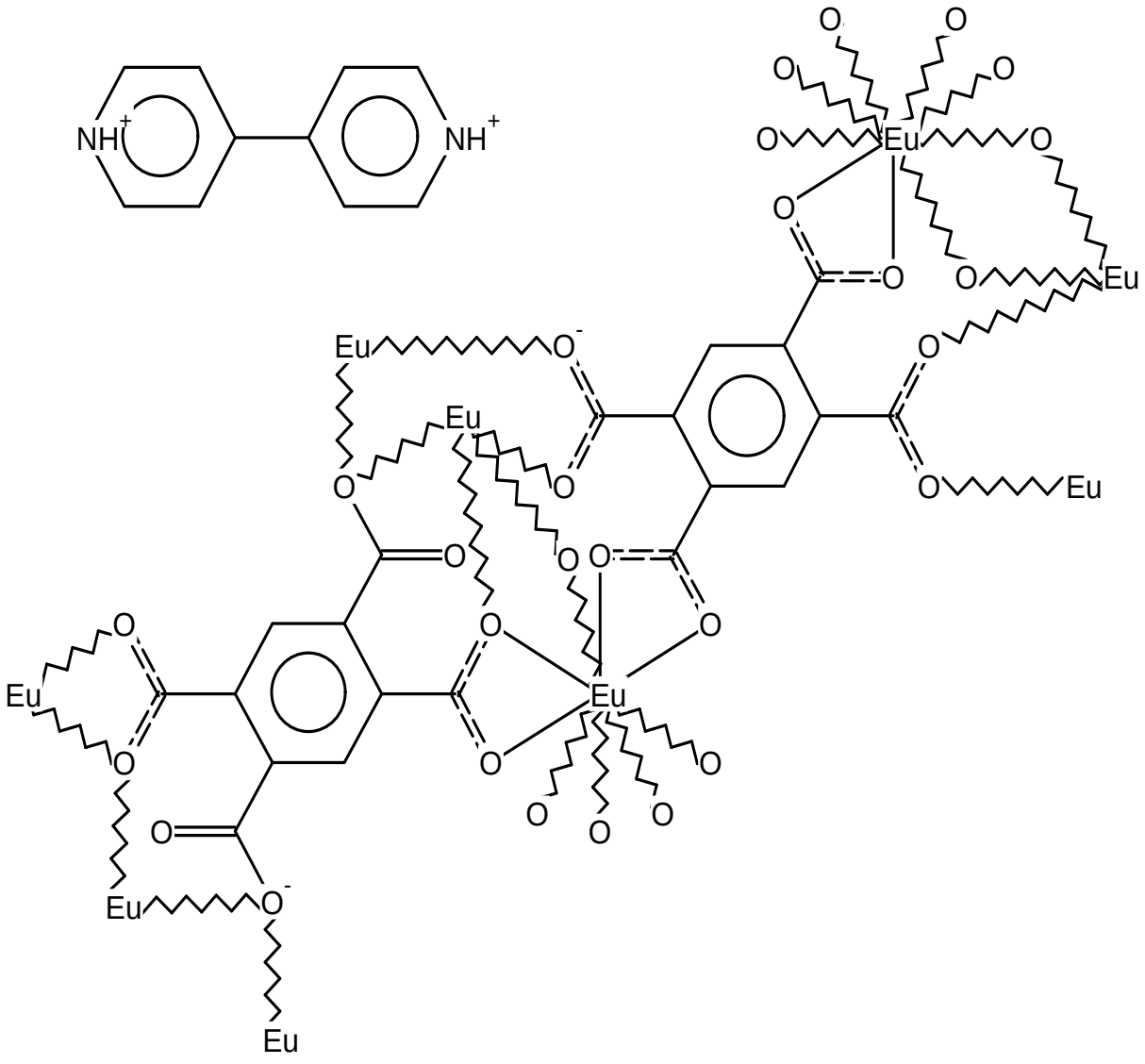
FEQWUU

Reference: Yi-Bo Wang, Wen-Juan Zhuang, Lin-Pei Jin, Shao-Zhe Lu (2005) *J.Mol.Struct.* ,**737,**165

Formula: $(C_{20}\ H_4\ Eu_2\ O_{16}\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_6-benzene-1,2,4,5-tetracarboxylato)-di-europium(iii))

Space Group:	P-1	***Cell:***	***a***	7.283(3)	***b***	9.935(4)	***c*** 11.082(5)
Space Group No.:	2	***(Å,°)***	α	102.58(0)	β	105.76(0)	γ 109.15(0)
R-Factor (%):	2.45	***Temperature(K):***	293		***Density(g/cm^3):***		2.329



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 642

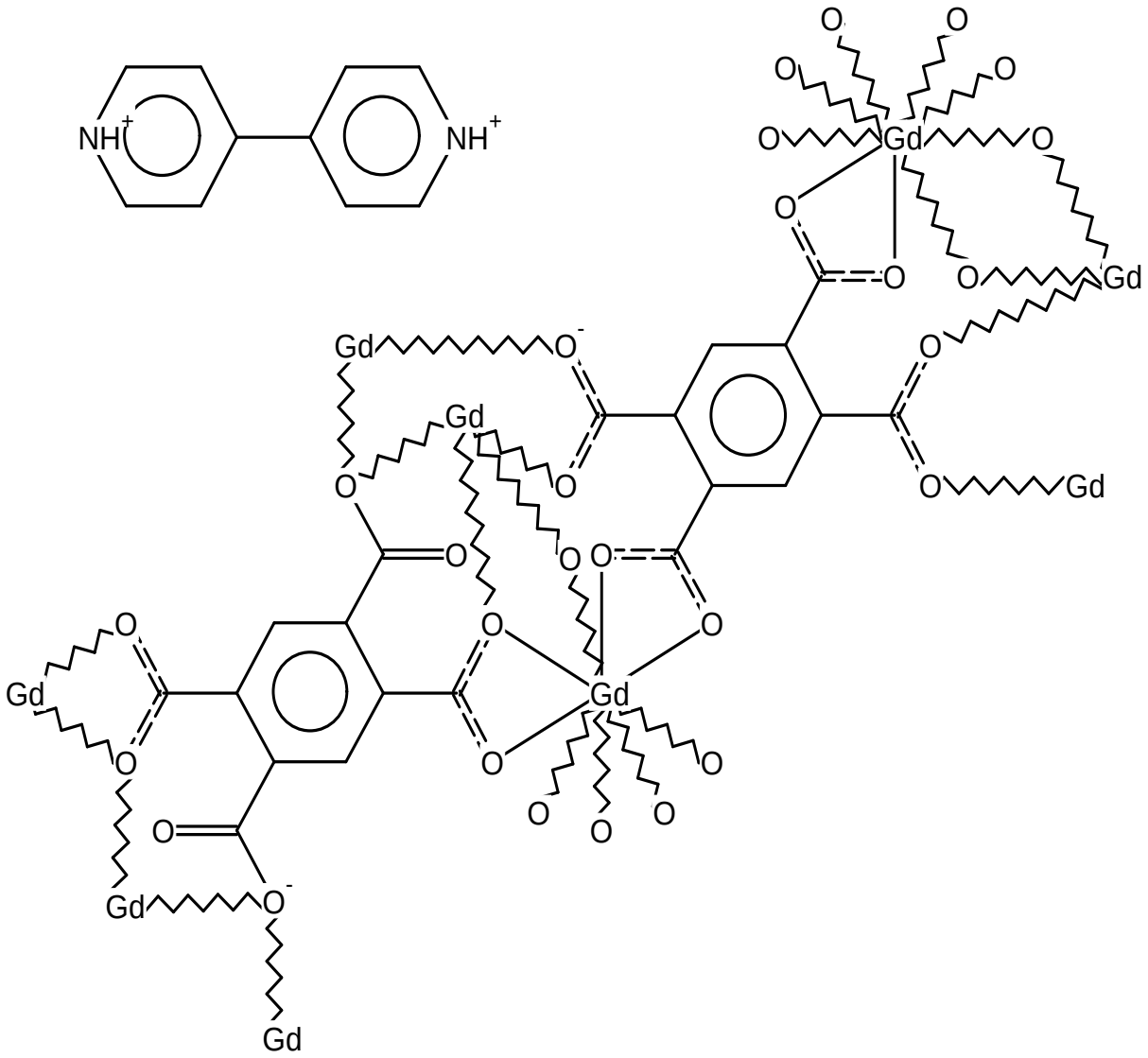
FEQXAB

Reference: Yi-Bo Wang, Wen-Juan Zhuang, Lin-Pei Jin, Shao-Zhe Lu (2005) *J.Mol.Struct.* ,**737,**165

Formula: $(C_{20}\ H_4\ Gd_2\ O_{16}\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_6-benzene-1,2,4,5-tetracarboxylato)-di-gadolinium(iii))

Space Group:	P-1	***Cell:***	***a***	7.255(3)	***b***	9.910(4)	***c*** 11.050(4)
Space Group No.:	2	***(Å,°)***	α	102.59(0)	β	105.72(0)	γ 109.01(0)
R-Factor (%):	3.19	***Temperature(K):***	293	***Density(g/cm^3):***	2.373		


NH+
NH+
O
Gd
O-
Gd
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 643

FERMAR

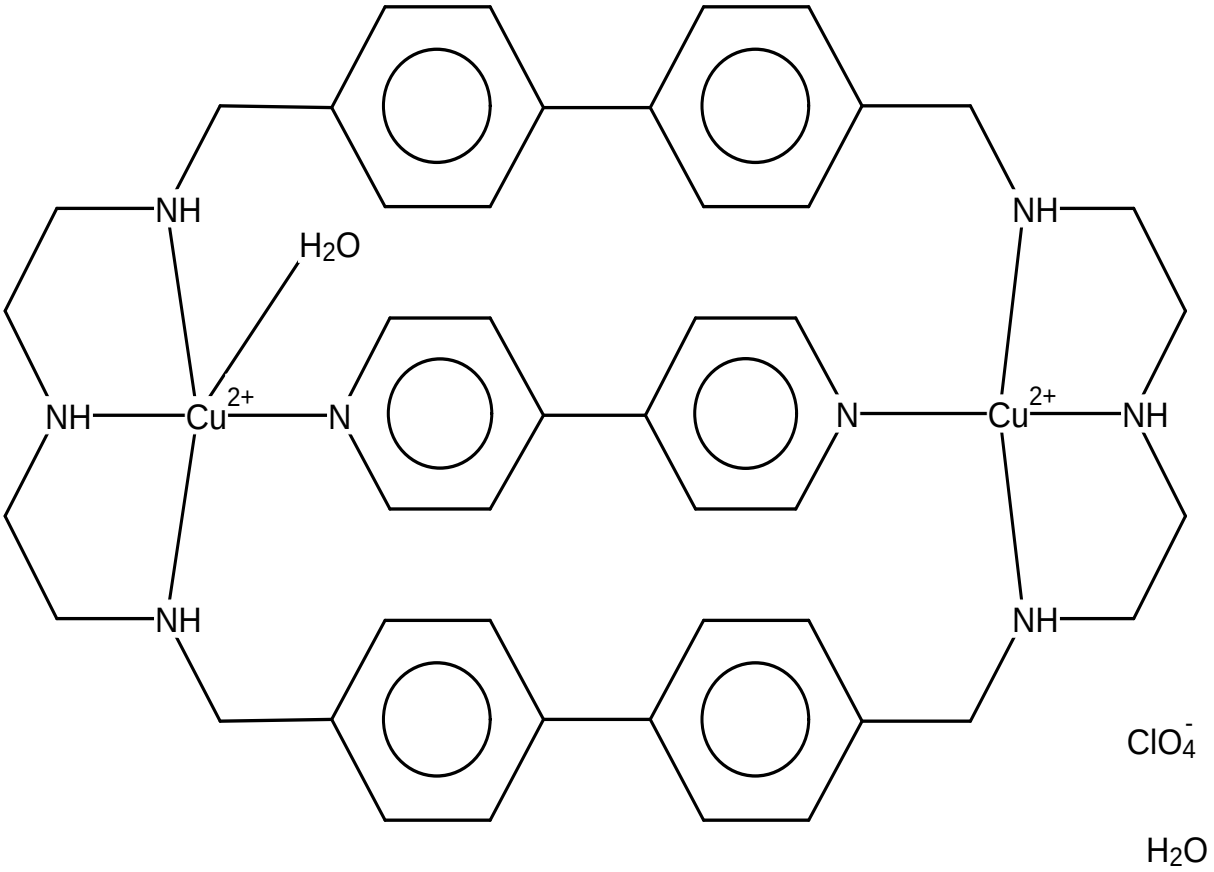
Reference: Ai-Rong Song, You Song, Xing-Mei Ouyang, Yi-Zhi Li, Wei-Yin Sun (2005) *Inorg.Chem.Commun.* ,**8,**186

Formula: $C_{46}\ H_{56}\ Cu_2\ N_8\ O_1\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),3($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-(μ_2-7,10,13,24,27,30-hexa-azapentacyclo(30.2.2.2^{2,5}.2^{15,18}.2^{19,22})dotetraconta-1(34),2,4,15,17,19,21,32,35,37,39,41-dodecaene)-aqua-di-copper(ii) tetraperchlorate trihydrate

Space Group:	P21/c	***Cell:***	***a***	19.385(17)	***b*** 19.549(17)	***c***	17.727(16)
Space Group No.:	14	***(Å,°)***	α	90.00	β 117.21(1)	γ	90.00

R-Factor (%): 5.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.097



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 644

FETKIZ

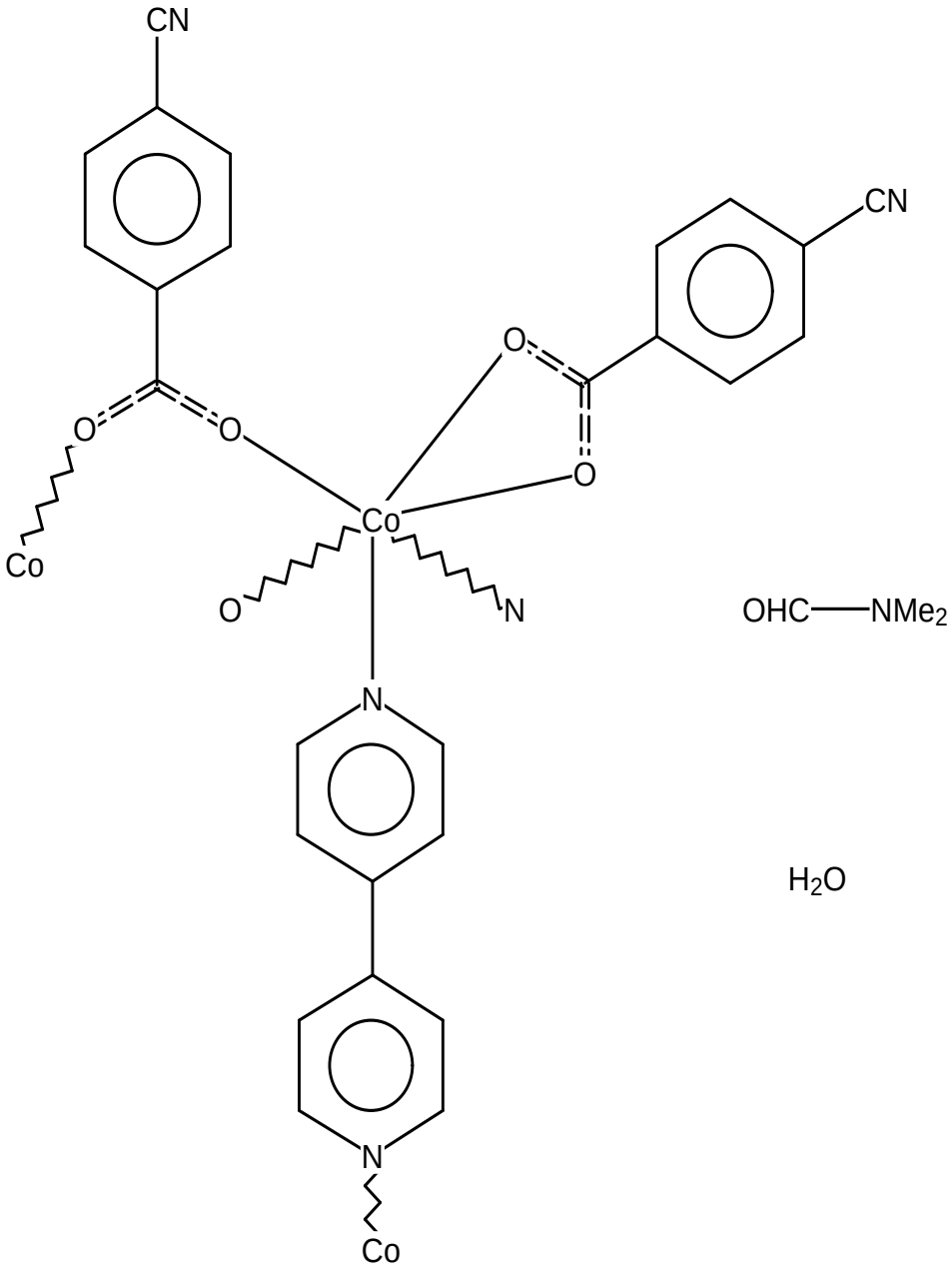
Reference: Hong-Yin He, Long-Guan Zhu, S.W.Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m311

Formula: $(C_{26}\ H_{16}\ Co_1\ N_4\ O_4)n,2n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-4-cyanobenzoato-O,O')-(4-cyanobenzoato-O,O')-cobalt(ii) dimethylformamide solvate monohydrate)

Space Group:	P21/c	***Cell:***	***a***	17.623(0)	***b*** 11.366(0)	***c***	17.194(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.01(0)	γ	90.00

R-Factor (%): 6.50 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.378



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 645

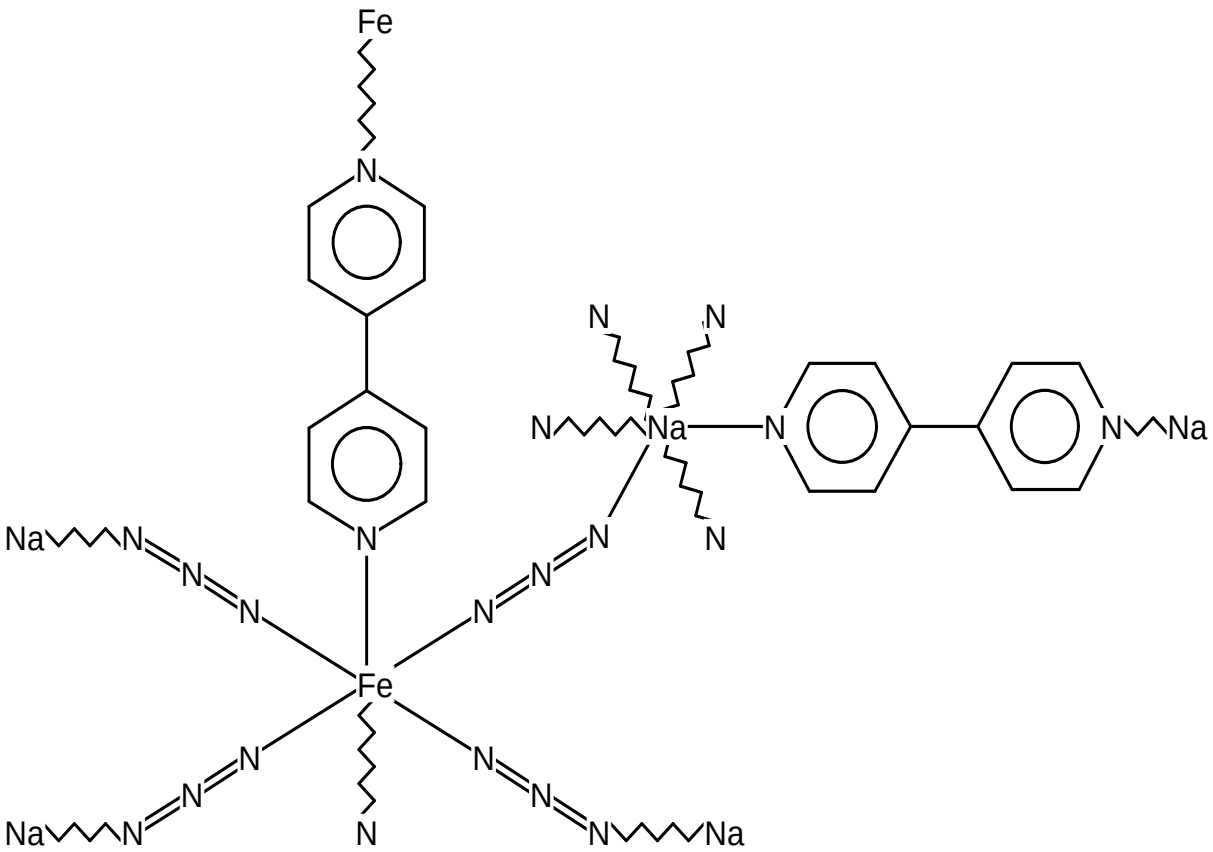
FETKUL

Reference: C.Nather, J.Greve, I.Jess (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m317

Formula: $(C_{20}\ H_{16}\ Fe_1\ N_{16}\ Na_1)n$

Compound Name: catena-(tetrakis(μ_2-Azido-N,N')-bis(μ_2-4,4'-bipyridine-N,N')-sodium(i)-iron(iii))

Space Group:	C2221	***Cell:***	***a***	11.463(0)	***b***	12.003(0)	***c***	16.754(0)
Space Group No.:	20	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	2.90	***Temperature(K):***	150		***Density(g/cm^3):***	1.612		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 646

FEVNEA

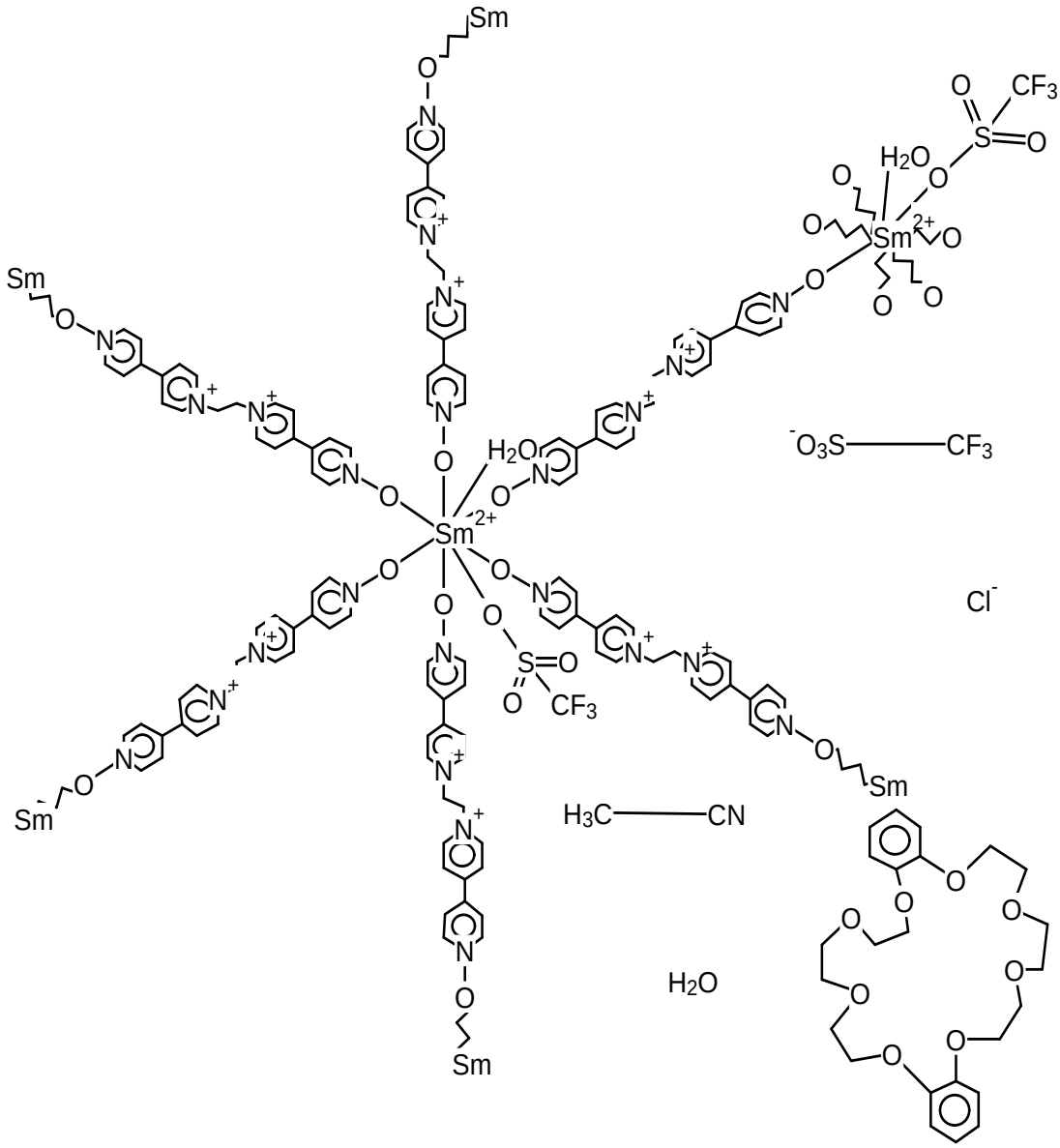
Reference: D.J.Hoffart, S.J.Loeb (2005) *Angew.Chem.,Int.Ed.* ,**44,**901

Formula: $(C_{134}\ H_{124}\ F_6\ N_{24}\ O_{20}\ S_2\ Sm_2\ ^{16+})n,6n(C_{24}\ H_{32}\ O_8),15n(C_1\ F_3\ O_3\ S_1\ ^{1-}),n(Cl_1\ ^{1-}),5.5$

Compound Name: catena-[hexakis(μ_2-(2)-(1,2-bis(4-(4-Pyridyl-N-oxide)pyridyl)ethane)-(2,5,8,11,18,21,24,27-octaoxatricyclo[26.4.0.0^{12,17}]dotriaconta-1(32),12,14,16,28,30-hexaene)-pseudorotaxane)-diaqua-bis(trifluoromethanesulfonato)-di-samarium(iii) chloride pentadecakis(trifluoromethanesulfonate) acetonitrile solvate pentadecahydrate]

Space Group:	P-1	***Cell:***	***a*** 17.566(1)	***b*** 23.433(1)	***c*** 27.091(1)
Space Group No.:	2	***(Å,°)***	α 78.09(0)	β 80.51(0)	γ 74.05(0)

R-Factor (%): 12.48 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.327



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 647

FEVNIE

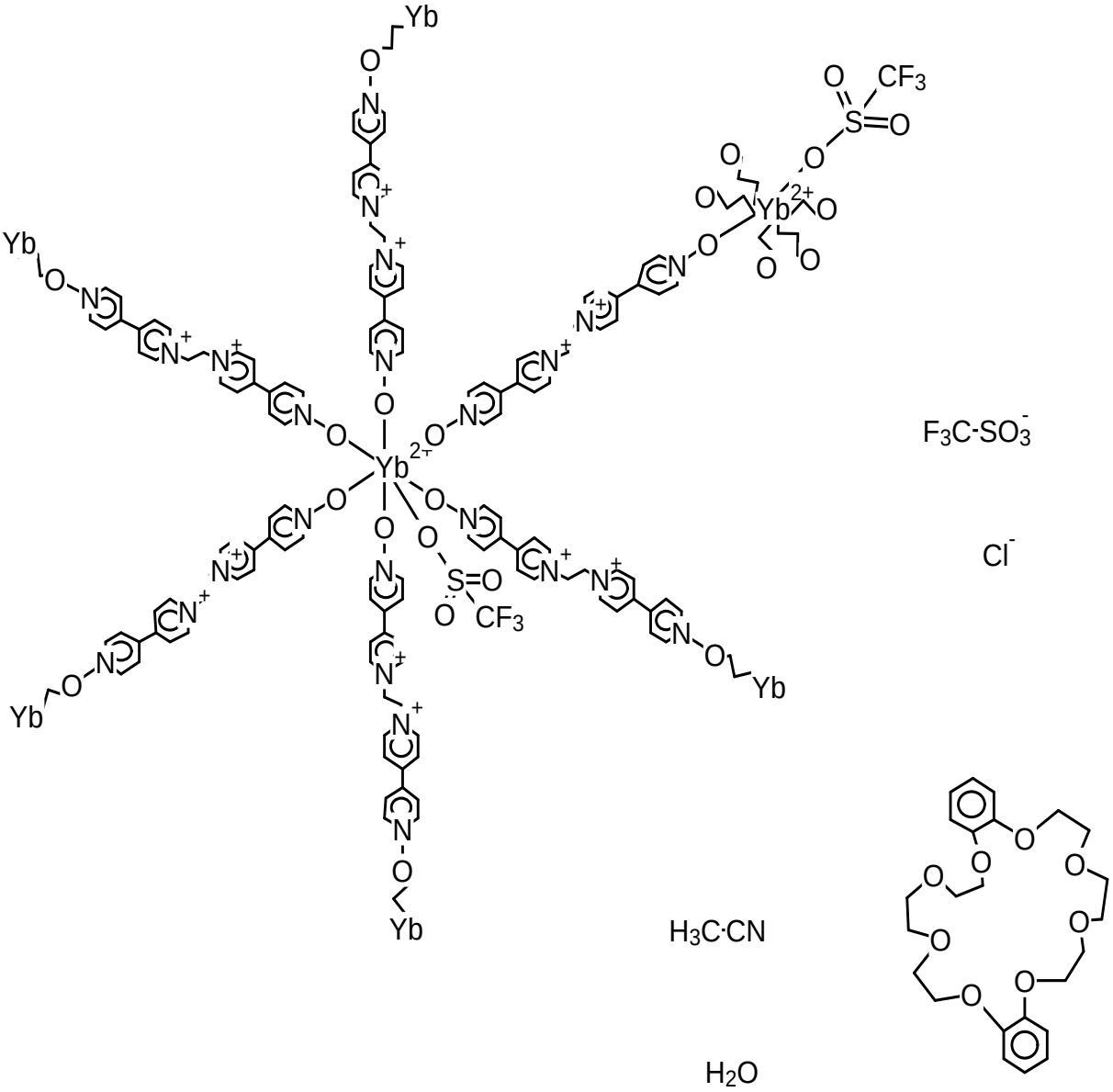
Reference: D.J.Hoffart, S.J.Loeb (2005) *Angew.Chem.,Int.Ed.* ,**44,**901

Formula: $(C_{134}\ H_{120}\ F_6\ N_{24}\ O_{18}\ S_2\ Yb_2\ ^{16+})n,6n(C_{24}\ H_{32}\ O_8),14n(C_1\ F_3\ O_3\ S_1\ ^{1-}),2n(Cl_1\ ^{1-}),14$

Compound Name: catena-[hexakis(μ_2-(2)-(1,2-bis(4-(4-Pyridyl-N-oxide)pyridyl)ethane)-(2,5,8,11,18,21,24,27-octaoxatricyclo[26.4.0.0^{12,17}]dotriaconta-1(28),12,14,16,29,31-hexaene)-pseudorotaxane)-bis(trifluoromethanesulfonato)-di-ytterbium(iii) dichloride tetradecakis(trifluoromethanesulfonate) acetonitrile solvate monohydrate]

Space Group:	P-1	***Cell:***	***a*** 20.495(3)	***b*** 22.701(3)	***c*** 27.435(3)
Space Group No.:	2	***(Å,°)***	α 84.15(0)	β 78.94(0)	γ 67.64(0)

R-Factor (%): 14.17 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.193



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 648

FEWROP

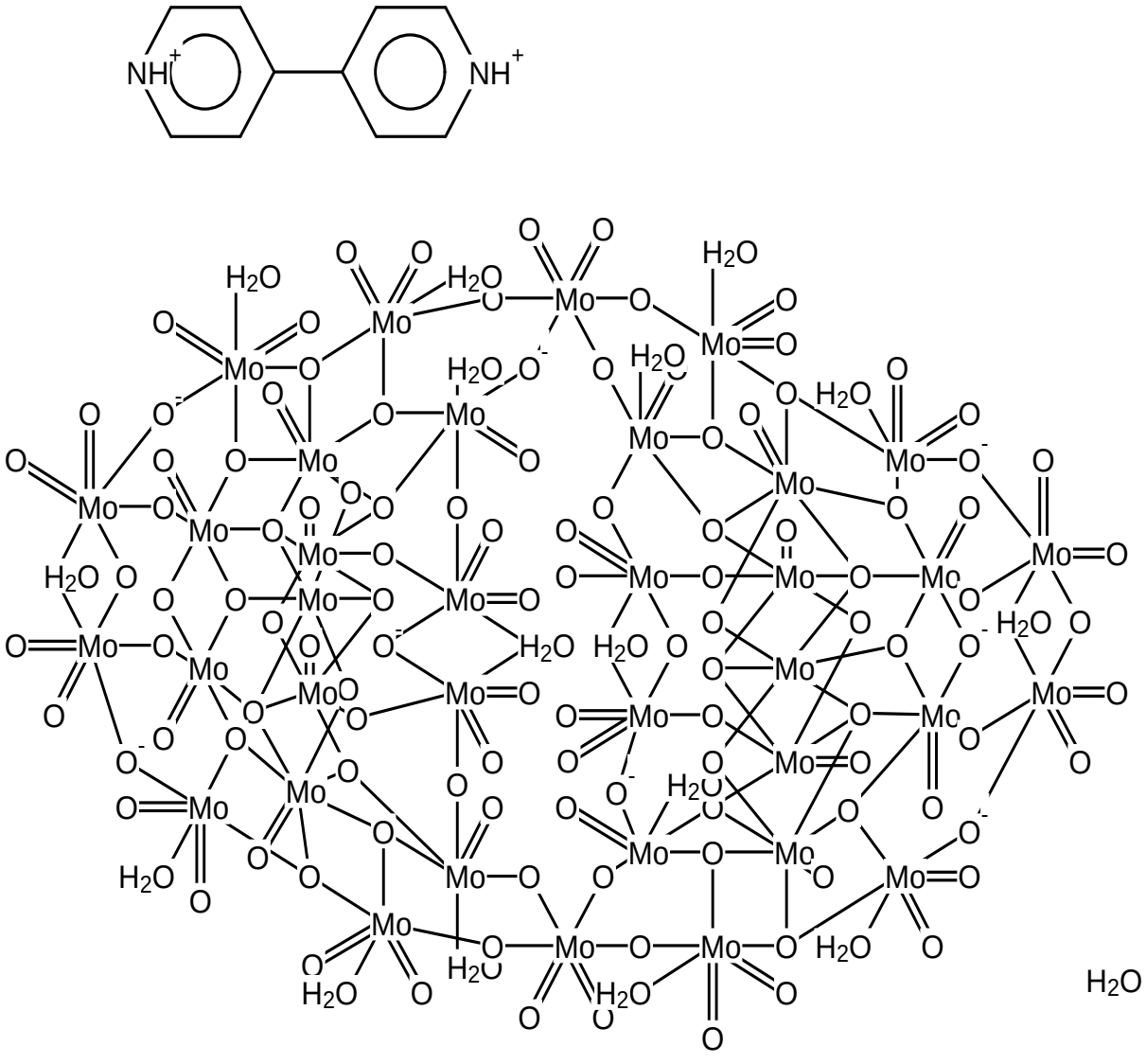
Reference: R.Atencio, A.Briceno, X.Galindo (2005) *Chem.Commun.* , 637

Formula: $4(C_{10}\ H_{10}\ N_2\ ^{2+}),H_{32}\ Mo_{36}\ O_{128}\ ^{8-},28(H_2\ O_1)$

Compound Name: tetrakis(4,4'-Bipyridinium) tetrakis(μ_4-oxo)-icosakis(μ_3-oxo)-tetrakis(μ_2-aqua)-hexatriacontakis(μ_2-oxo)-dodeca-aqua-dopentacontaoxo-hexatriaconta-molybdenum hydrate

Space Group:	P21/n	***Cell:***	***a***	18.756(4)	***b*** 22.961(7)	***c***	19.810(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.87(1)	γ	90.00

R-Factor (%): 5.99 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.714



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 649

FEYQUW

Reference: D.T.de Lill, N.S.Gunning, C.L.Cahill (2005) *Inorg.Chem.* , **44,**258

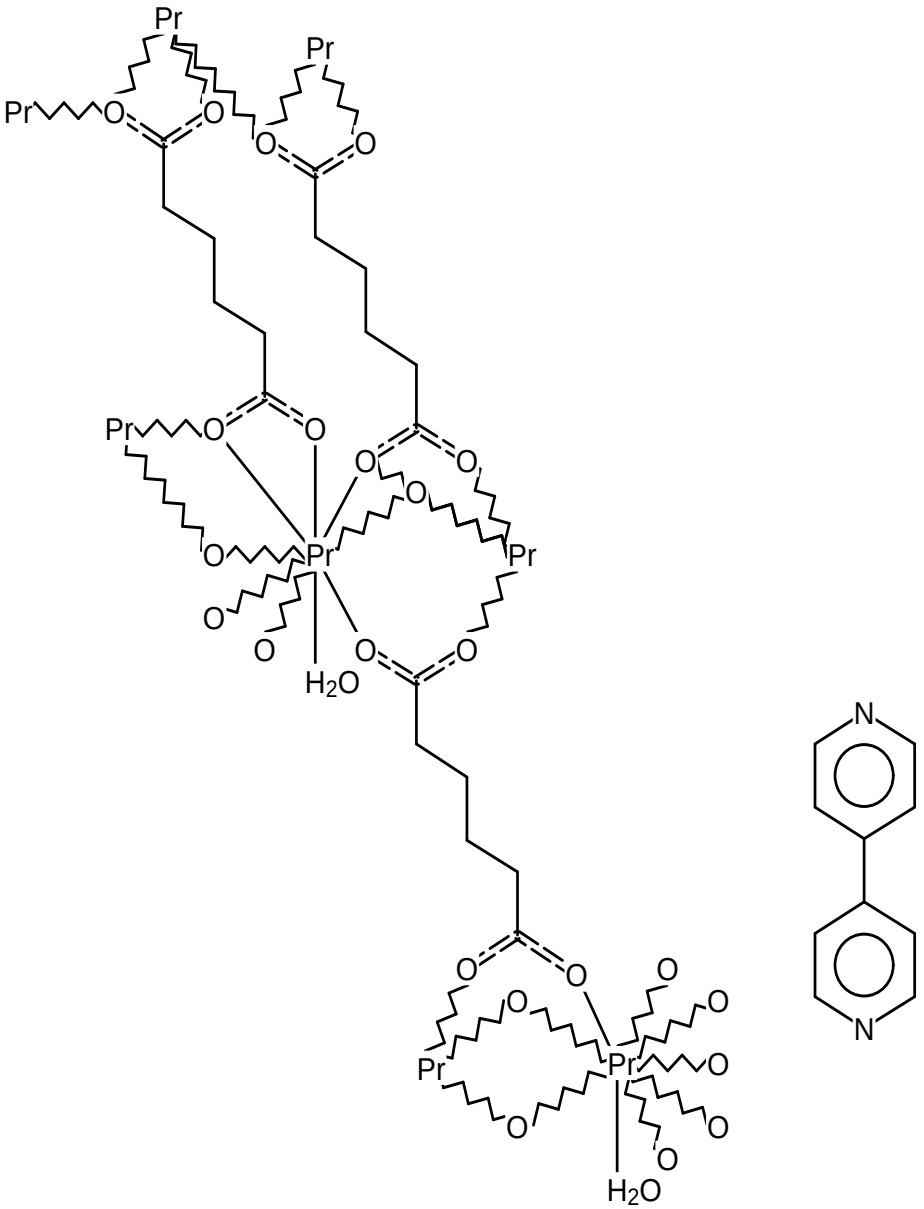
Formula: $(C_{18}\ H_{28}\ O_{14}\ Pr_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_4-Adipato)-diaqua-di-praseodymium 4,4'-bipyridine clathrate)

Synonym: GWMOF-6

Space Group:	Pbcn	***Cell:***	***a***	21.942(1)	***b***	7.788(0)	***c***	19.665(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.792



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 650

FEYZUF

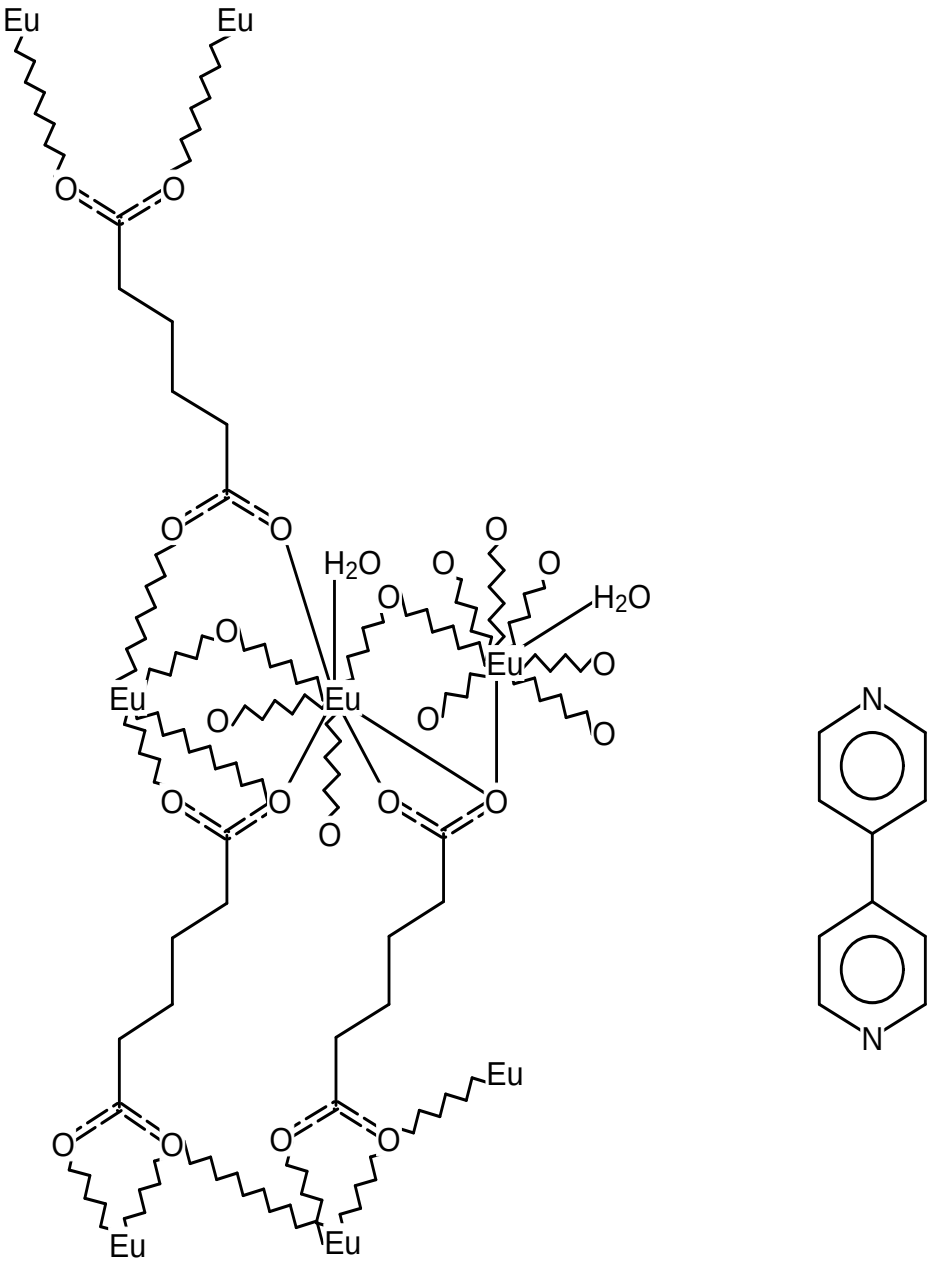
Reference: Guo-Yi Dong, Jun-Hong Dou, Shi-Yan Ge, Lin Lin, Yi-Bo Zheng, Zhi-Ren Wei (2005) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**24,**69

Formula: $(C_{18}\ H_{28}\ Eu_2\ O_{14})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_4-Adipato)-diaqua-di-europium(iii) 4,4'-bipyridine)

Space Group:	Pbcn	***Cell:***	***a***	21.870(7)	***b***	7.652(2)	***c***	19.624(6)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.878



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 651

FEYZUF01

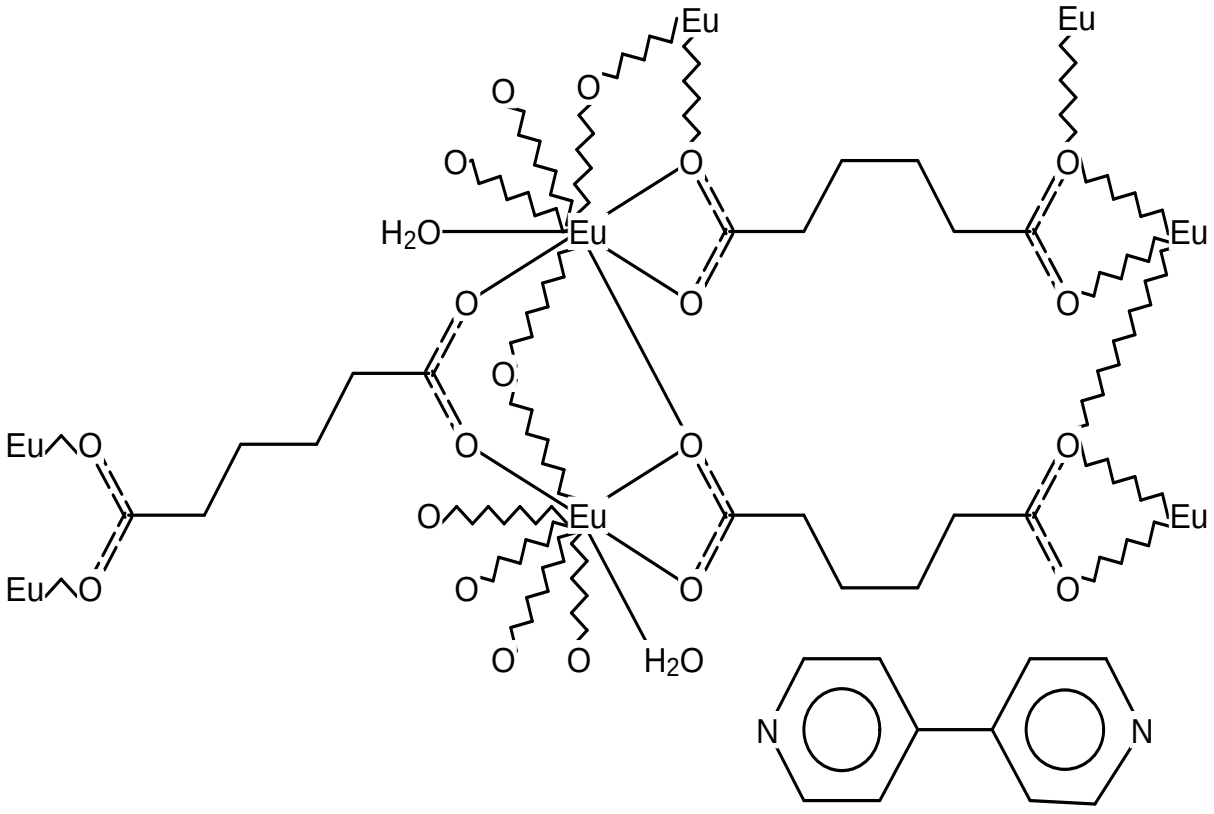
Reference: D.T.de Lill, A.de Bettencourt-Dias, C.L.Cahill (2007) *Inorg.Chem. ,***46,**3960

Formula: $(C_{18}\ H_{28}\ Eu_2\ O_{14})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ$_4$-Adipato-O,O,O',O'',O'',O''')-(μ$_4$-adipato-O,O',O'',O''')-diaqua-di-europium 4,4'-bipyridine solvate)

Space Group:	Pbcn	***Cell:***	***a***	21.925(2)	***b***	7.649(0)	***c***	19.669(1)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.870



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 652

FIBJAC

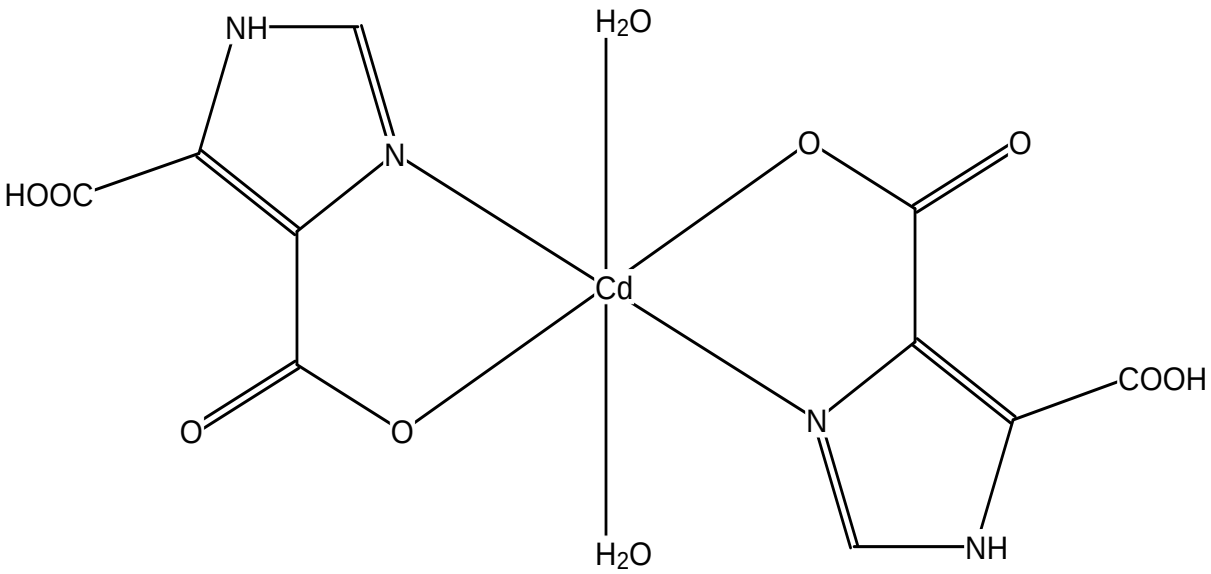
Reference: J.Y.Lu, Zhenghua Ge (2005) *Inorg.Chim.Acta* ,**358,**828

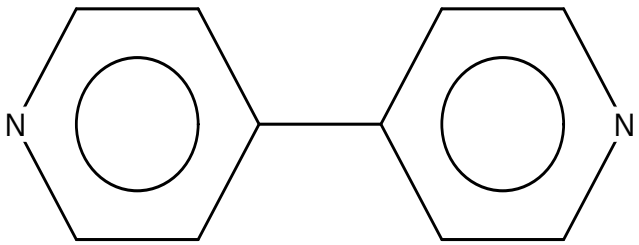
Formula: $C_{10}\ H_{10}\ Cd_1\ N_4\ O_{10}$,$C_{10}\ H_8\ N_2$

Compound Name: Diaqua-bis(hydrogen imidazole-4,5-dicarboxylato-N,O)-cadmium 4,4'-bipyridine

Space Group:	P-1	***Cell:***	***a***	4.975(0)	***b***	6.792(0)	***c*** 17.179(1)
Space Group No.:	2	***(Å,°)***	α	86.98(0)	β	85.41(0)	γ 73.66(0)

R-Factor (%): 1.96 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.839





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 653

FIBJEG

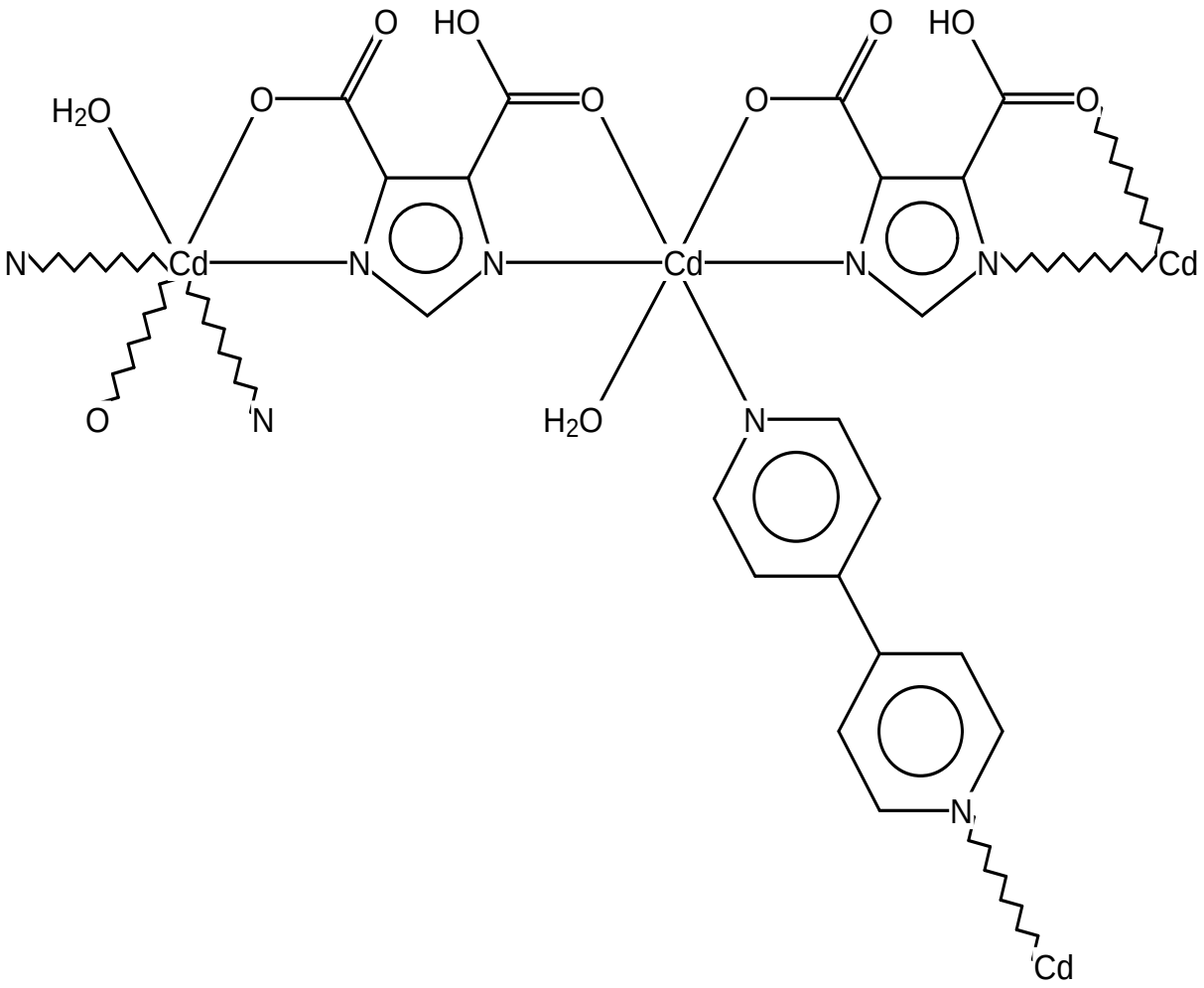
Reference: J.Y.Lu, Zhenghua Ge (2005) *Inorg.Chim.Acta* ,**358,**828

Formula: $(C_{20}\ H_{16}\ Cd_2\ N_6\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-hydrogen imidazole-4,5-dicarboxylato-N,N',O,O')-diaqua-di-cadmium)

Space Group:	P21/n	***Cell:***	***a***	7.687(2)	***b***	12.699(3)	***c*** 11.674(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.63(0)	γ 90.00

R-Factor (%): 1.91 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 2.118



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 654

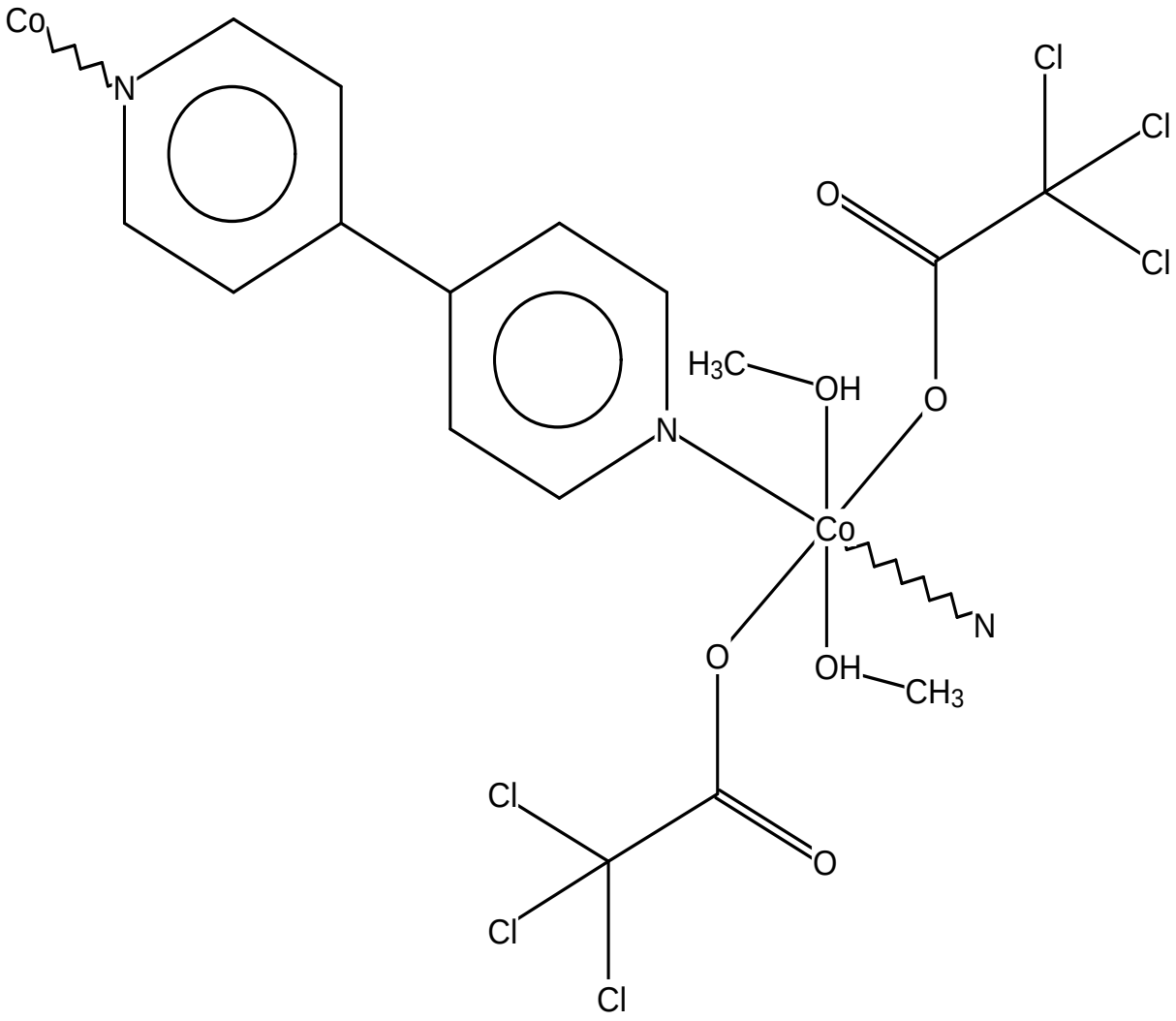
FIBSOZ

Reference: P.Talukder, A.Datta, S.Mitra, G.Rosair (2005)
Z.Naturforsch.,B:Chem.Sci. ,**60,**33

Formula: $(C_{16}\ H_{16}\ Cl_6\ Co_1\ N_2\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridyl)-bis(methanol)-bis(trichloroacetato)-cobalt(ii))

Space Group:	P-1	***Cell:***	***a***	6.977(2)	***b***	9.459(3)	***c*** 9.483(3)
Space Group No.:	2	***(Å,°)***	α	106.57(2)	β	109.72(3)	γ 91.08(2)
R-Factor (%):	4.39	***Temperature(K):***	160		***Density(g/cm^3):***		1.791



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 655

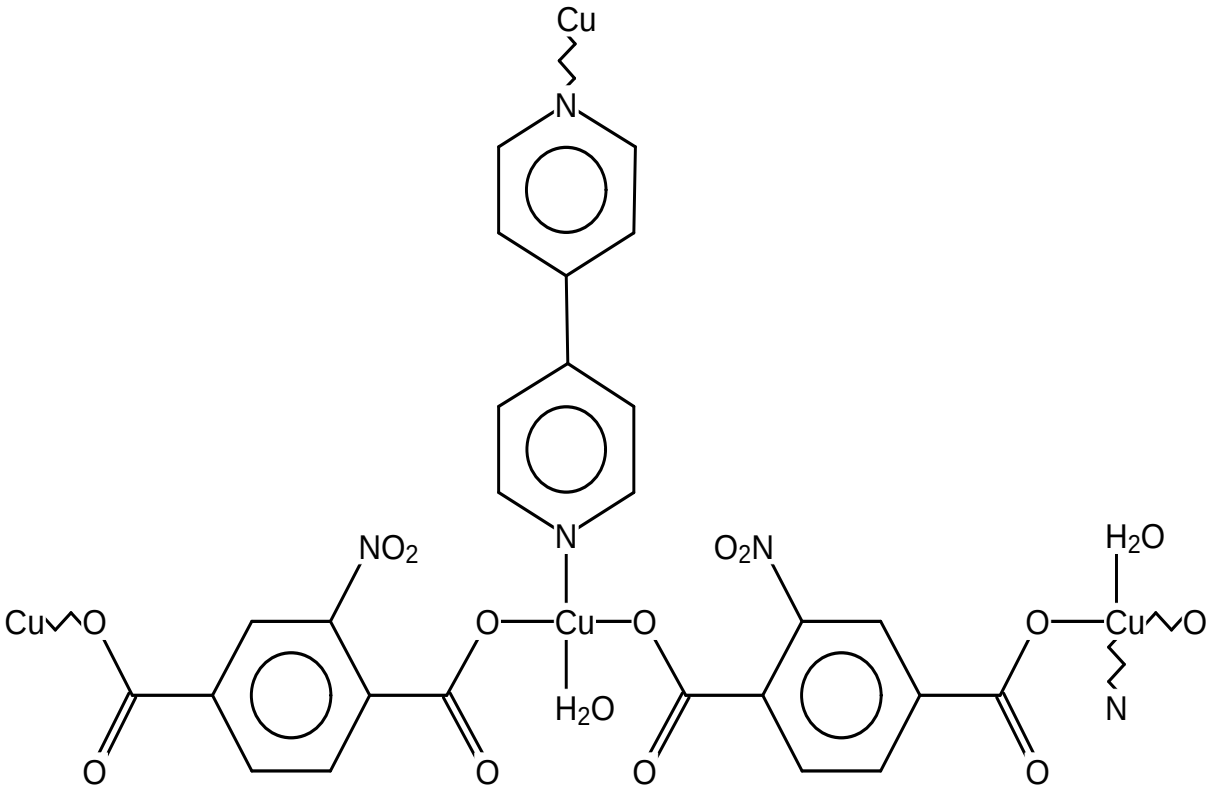
FICZUN

Reference: Hong-Yin He, Long-Guan Zhu, S.W.Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m601

Formula: $(C_{26}\ H_{18}\ Cu_2\ N_4\ O_{14})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-2-nitroterephthalato)-bis(aqua-copper(ii)))

Space Group:	Cmca	***Cell:***	***a***	21.662(2)	***b***	16.726(2)	***c*** 7.405(1)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	5.00	***Temperature(K):***	295		***Density(g/cm^3):***	1.826	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 656

FIFNAK

Reference: Bing-Ping Yang, Jiang-Gao Mao (2005) *Inorg.Chem. ,***44,** 566

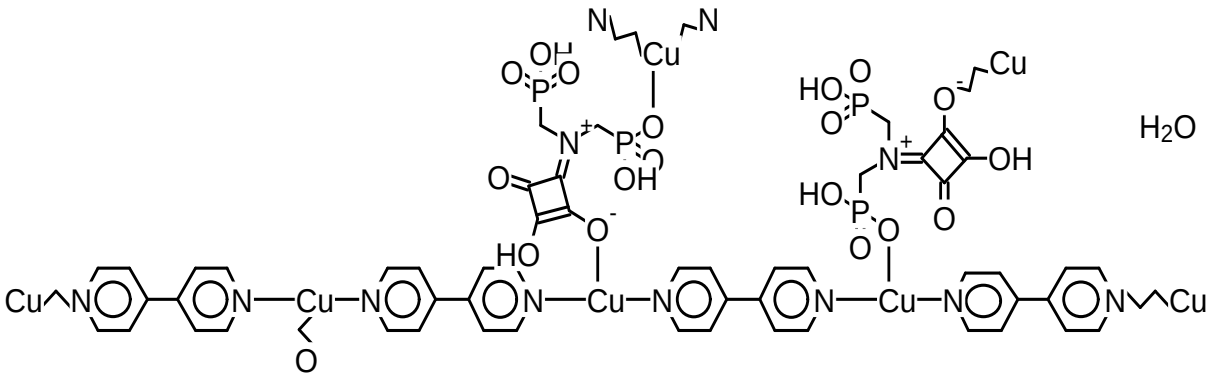
Formula: $(C_{52}\ H_{46}\ Cu_4\ N_{10}\ O_{18}\ P_4)n,4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-4-(bis(phosphonatomethyl)iminio)-2-hydroxy-3-oxocyclobut-1-en-1-olato-O,O')-tetra-copper(i) tetrahydrate)

Synonym: catena-(tetrakis(μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-(bis(phosphonatomethyl)iminio)squarato-O,O')-tetra-copper(i) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	11.768(0)	***b*** 12.179(0)	***c***	12.642(0)
Space Group No.:	2	***(Å,°)***	α	77.89(0)	β 65.21(0)	γ	63.54(0)

R-Factor (%): 4.41 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.747



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 657

FIFNIS

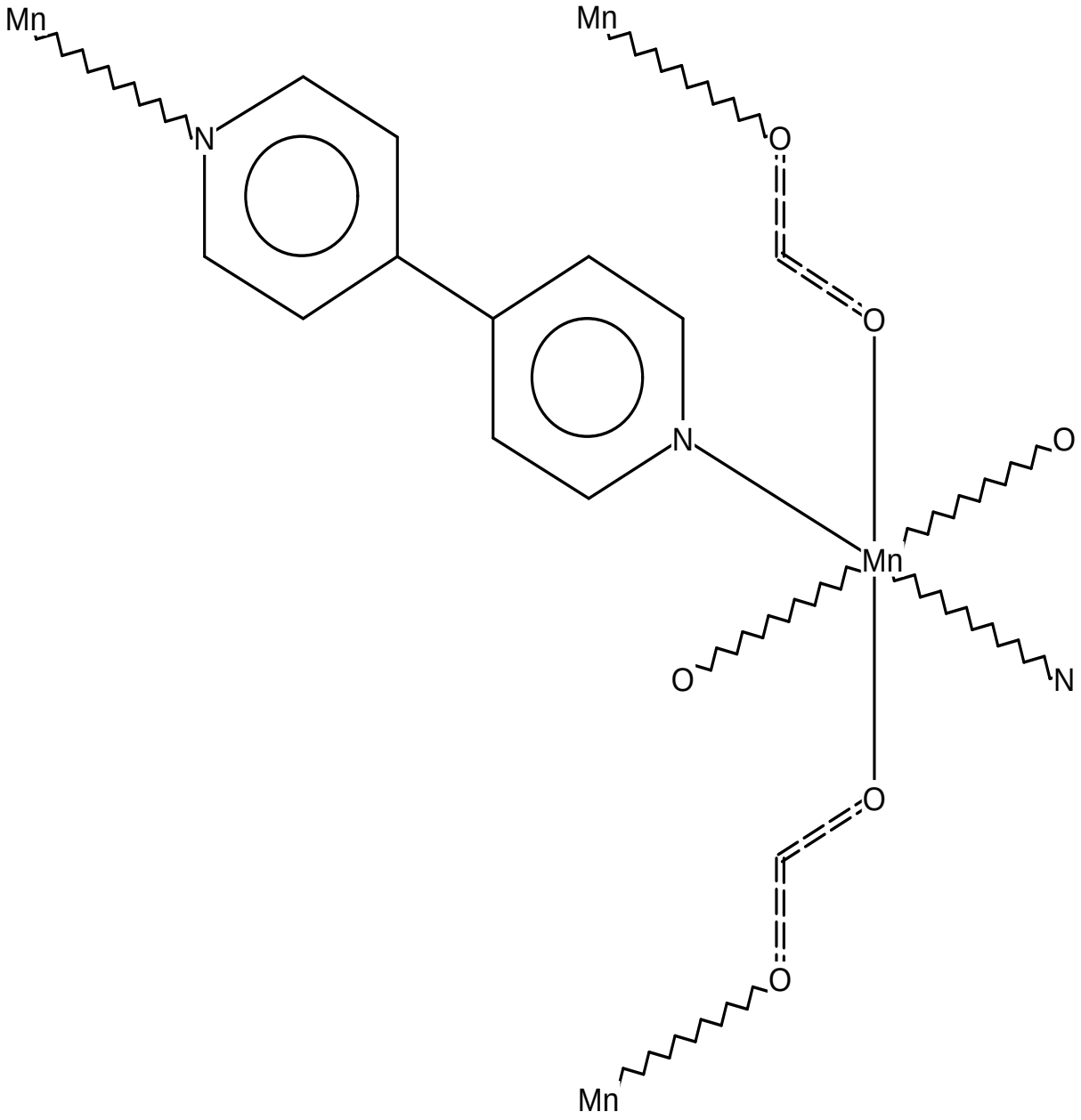
Reference: Xin-Yi Wang, Hai-Yan Wei, Zhe-Ming Wang, Zhi-Da Chen, Song Gao (2005) *Inorg.Chem. ,***44,**572

Formula: $(C_{12}\ H_{10}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-formato-O,O')-manganese(ii))

Space Group:	P41212	***Cell:***	***a***	8.147(0)	***b***	8.147(0)	***c*** 17.805(0)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.43 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.693



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 658

FIFNOY

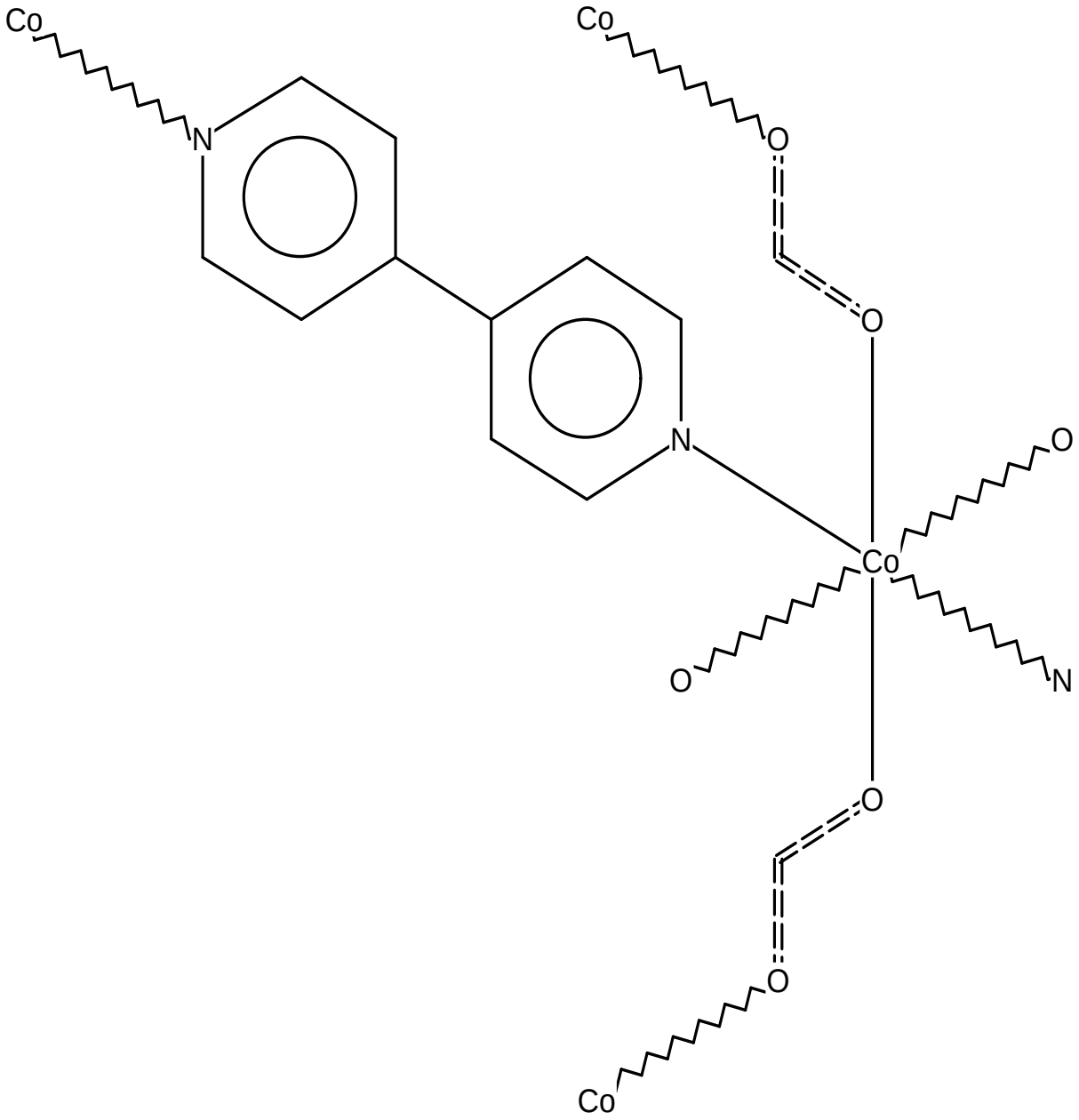
Reference: Xin-Yi Wang, Hai-Yan Wei, Zhe-Ming Wang, Zhi-Da Chen, Song Gao (2005) *Inorg.Chem. ,***44,**572

Formula: $(C_{12}\ H_{10}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-formato-O,O')-cobalt(ii))

Space Group:	P41212	***Cell:***	***a***	7.986(0)	***b***	7.986(0)	***c*** 17.500(0)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.55 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.816



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 659

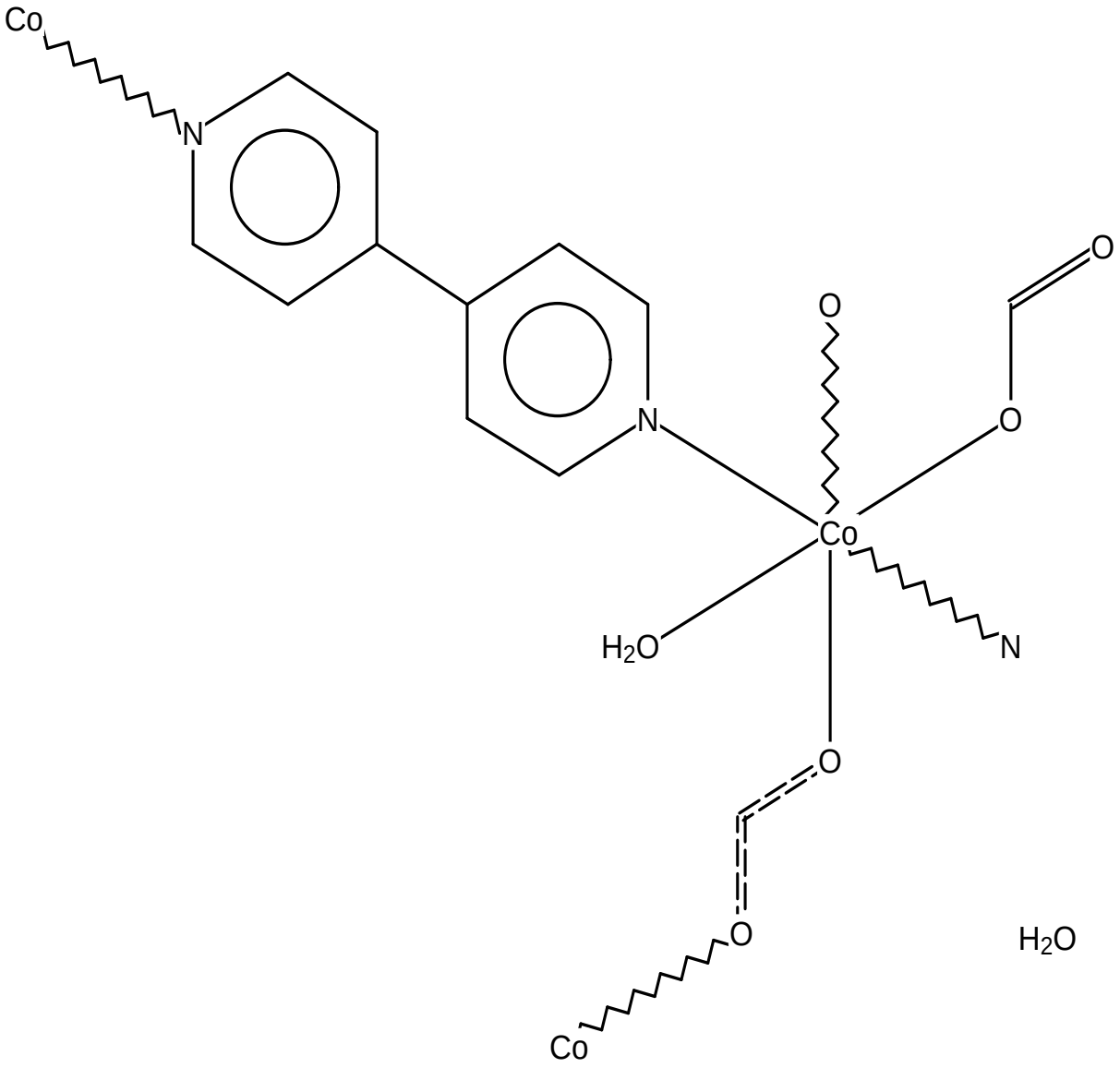
FIFNUE

Reference: Xin-Yi Wang, Hai-Yan Wei, Zhe-Ming Wang, Zhi-Da Chen, Song Gao (2005) *Inorg.Chem. ,***44,**572

Formula: $(C_{12}\ H_{12}\ Co_1\ N_2\ O_5)n,4n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl-N,N')-$(\mu_2$-formato-O,O')-aqua-(formato-O)-cobalt(ii) tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	10.511(0)	***b***	20.277(0)	***c*** 8.131(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β	102.22(0)	γ 90.00
R-Factor (%):	3.52	***Temperature(K):***	293		***Density(g/cm^3):***		1.550



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 660

FIFNUE01

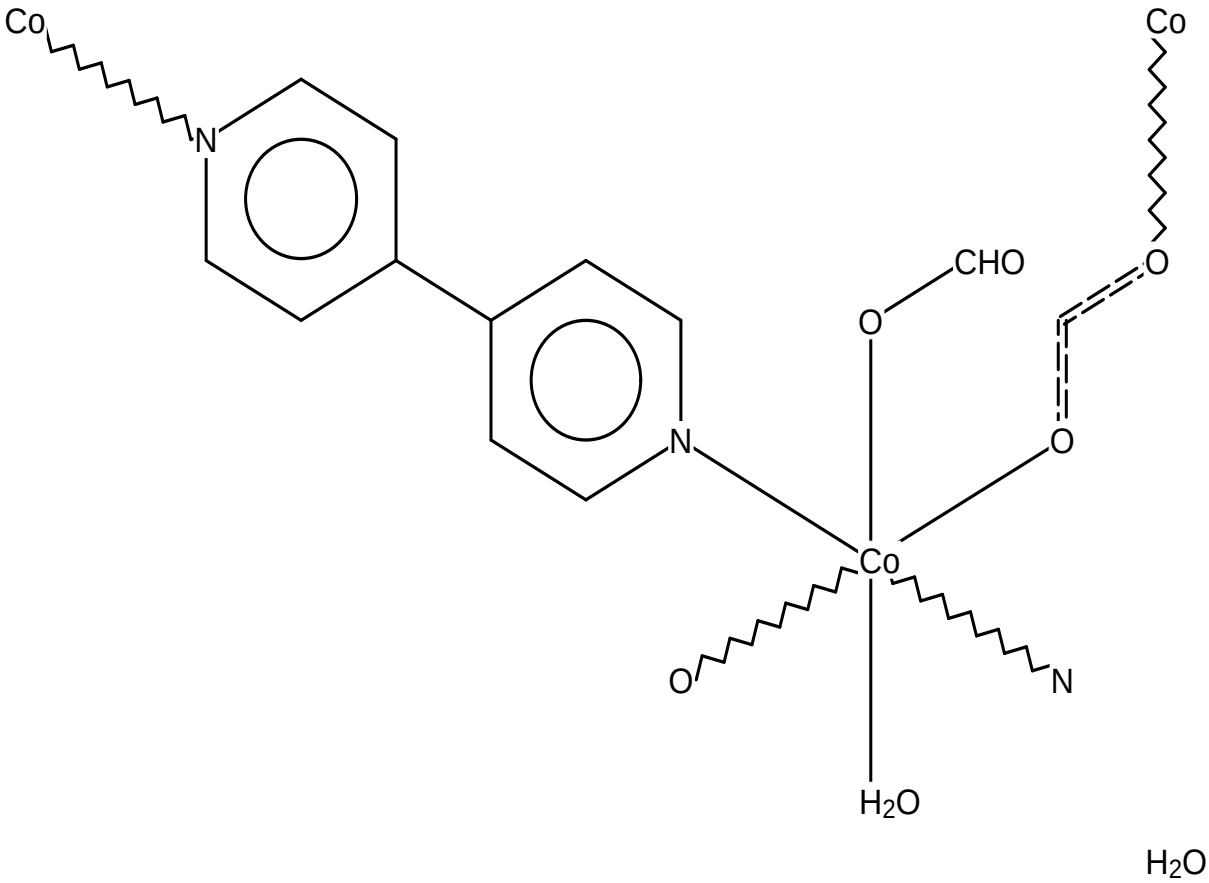
Reference: Yanqin Wang, Rong Cao, Wenhua Bi, Xing Li, Daqiang Yuan, Daofeng Sun (2006) *Microporous and Mesoporous Materials* ,**91,**215

Formula: $(C_{12}\ H_{12}\ Co_1\ N_2\ O_5)n,4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-biyridine-N,N')-(μ_2-formato-O,O')-aqua-(formato-O)-cobalt(ii) tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	10.525(1)	***b*** 20.292(2)	***c***	8.141(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β 102.25(0)	γ	90.00

R-Factor (%): 3.67 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.545



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 661

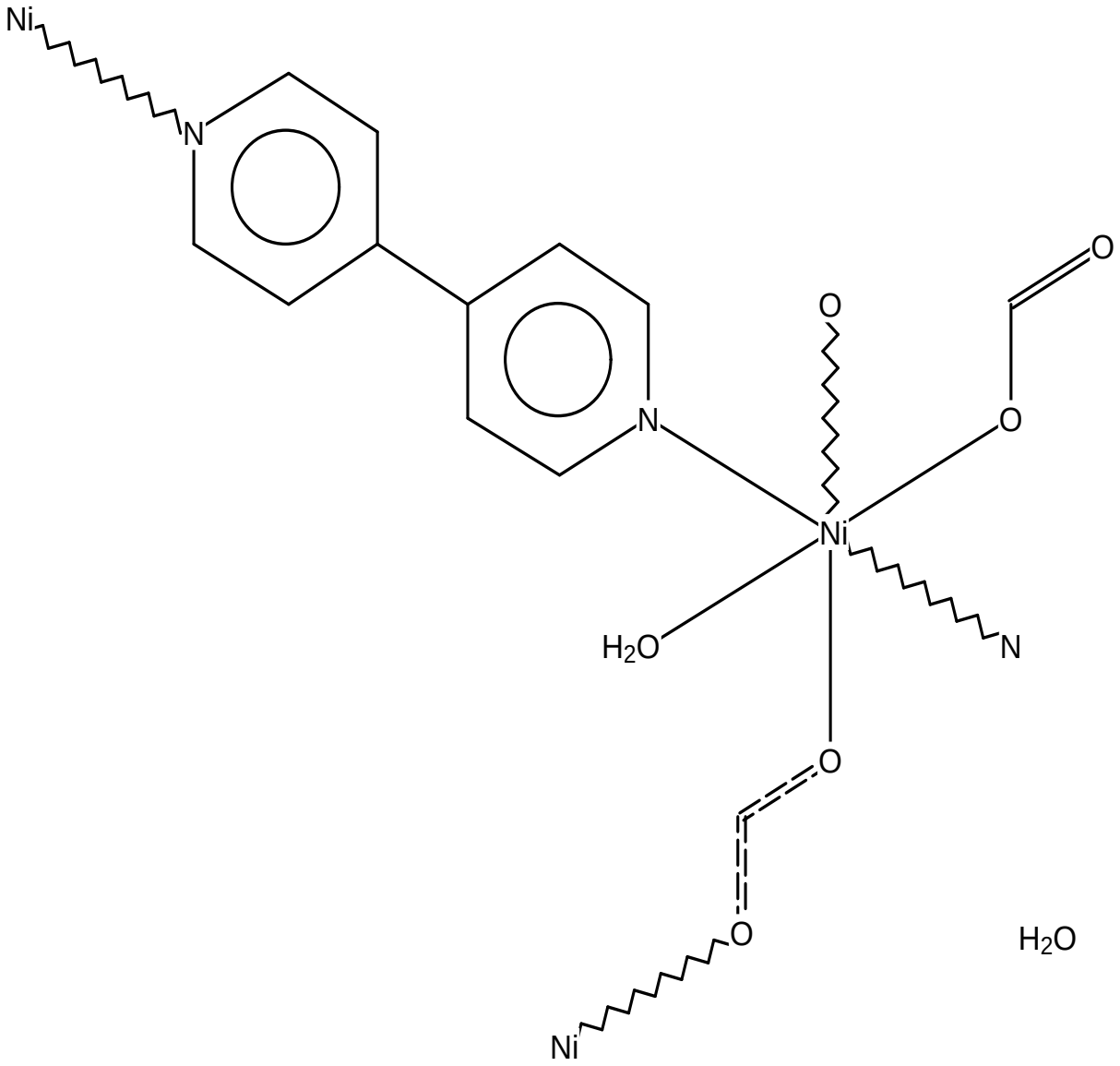
FIFPAM

Reference: Xin-Yi Wang, Hai-Yan Wei, Zhe-Ming Wang, Zhi-Da Chen, Song Gao (2005) *Inorg.Chem. ,***44,**572

Formula: $(C_{12}\ H_{12}\ N_2\ Ni_1\ O_5)n,4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-(μ_2-formato-O,O')-aqua-(formato-O)-nickel(ii) tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	10.482(0)	***b*** 20.060(0)	***c***	8.127(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β 102.63(0)	γ	90.00
R-Factor (%):	2.68	***Temperature(K):***	293		***Density(g/cm^3):***		1.574



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 662

FIFPAM01

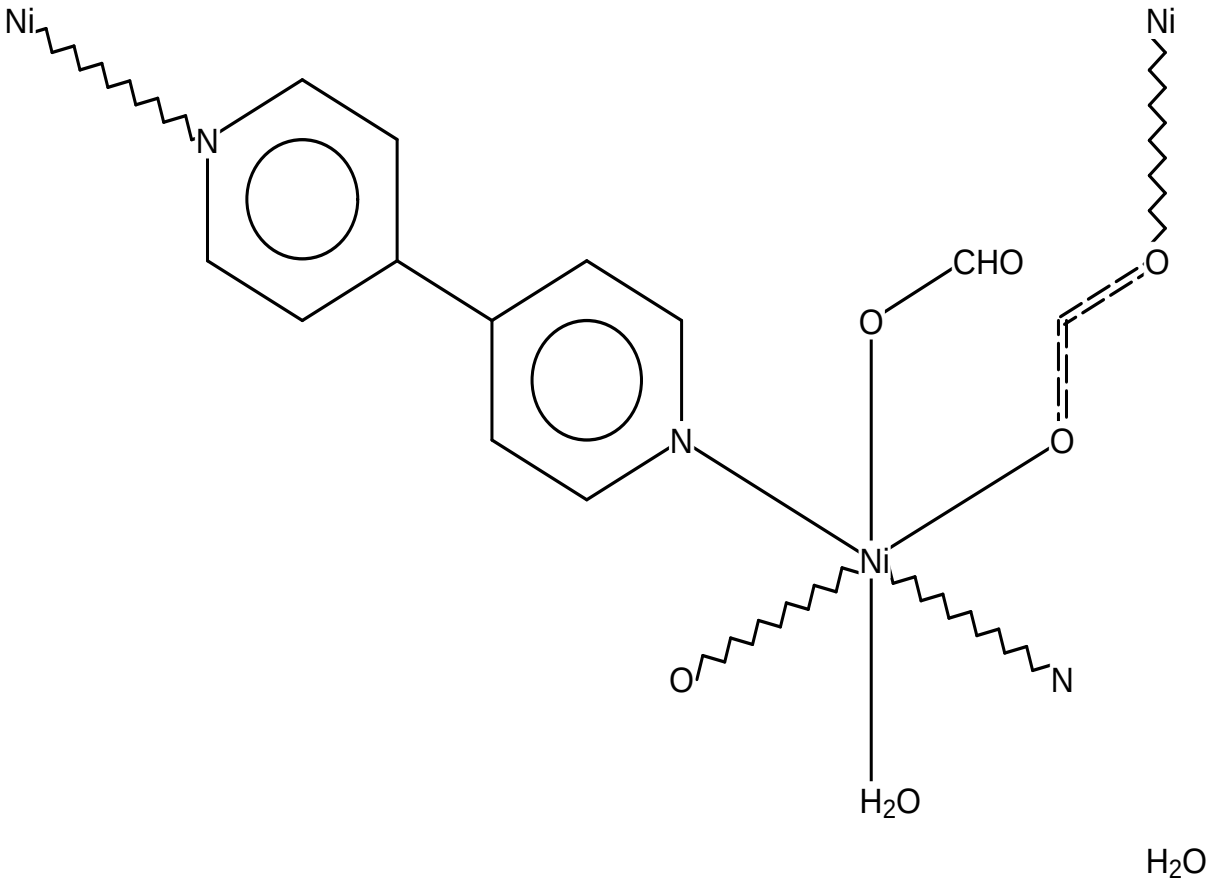
Reference: Yanqin Wang, Rong Cao, Wenhua Bi, Xing Li, Daqiang Yuan, Daofeng Sun (2006) *Microporous and Mesoporous Materials* ,**91,**215

Formula: $(C_{12}\ H_{12}\ N_2\ Ni_1\ O_5)n,4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-biyridine-N,N')-(μ_2-formato-O,O')-aqua-(formato-O)-nickel(ii) tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	10.503(1)	***b***	20.087(3)	***c*** 8.141(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	102.66(0)	γ 90.00

R-Factor (%): 5.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.566



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 663

FIFTEU

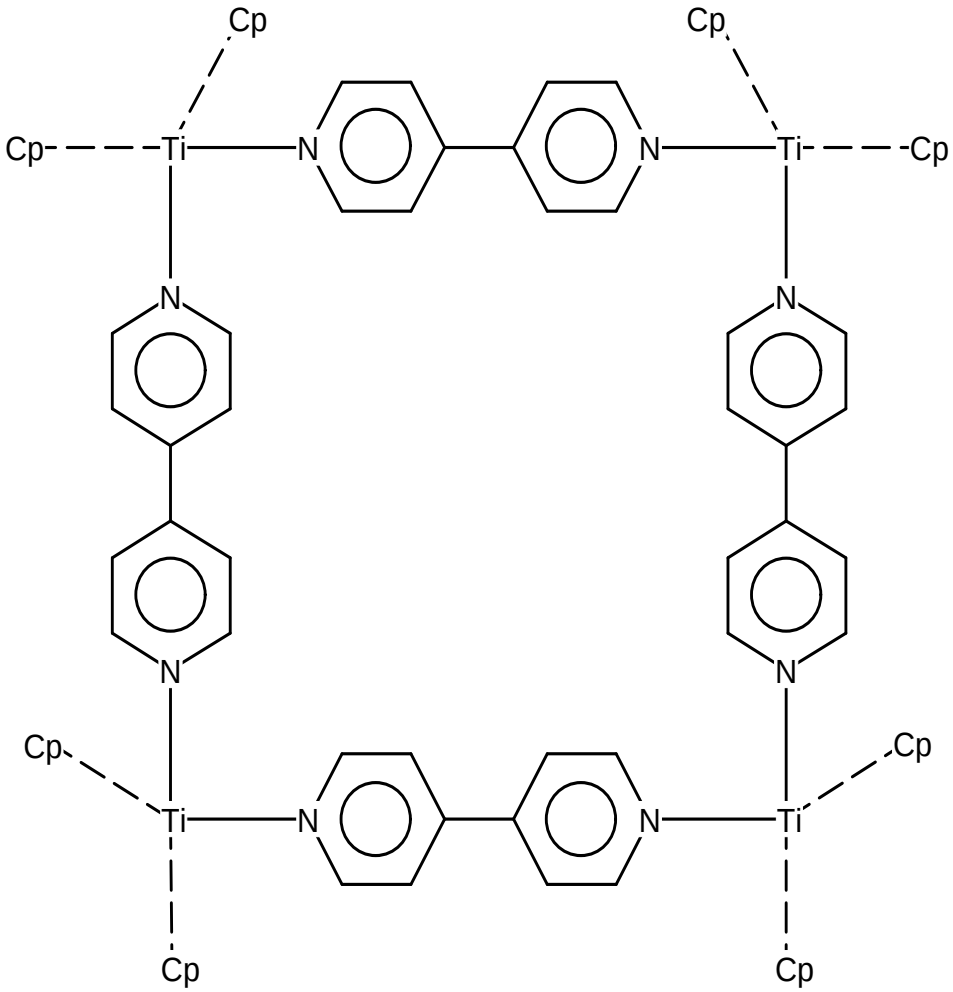
Reference: S.Kraft, E.Hanuschek, R.Beckhaus, D.Haase, W.Saak (2005) *Chem.-Eur.J.* ,**11,**969

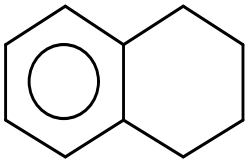
Formula: $C_{80}\ H_{72}\ N_8\ Ti_4$,4($C_{10}\ H_{12}$)

Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-octakis(η^5-cyclopentadienyl)-tetra-titanium tetralin solvate

Space Group:	P42/n	***Cell:***	***a***	18.802(0)	***b***	18.802(0)	***c***	13.376(0)
Space Group No.:	86	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.11 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.311





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 664

FIFTOE

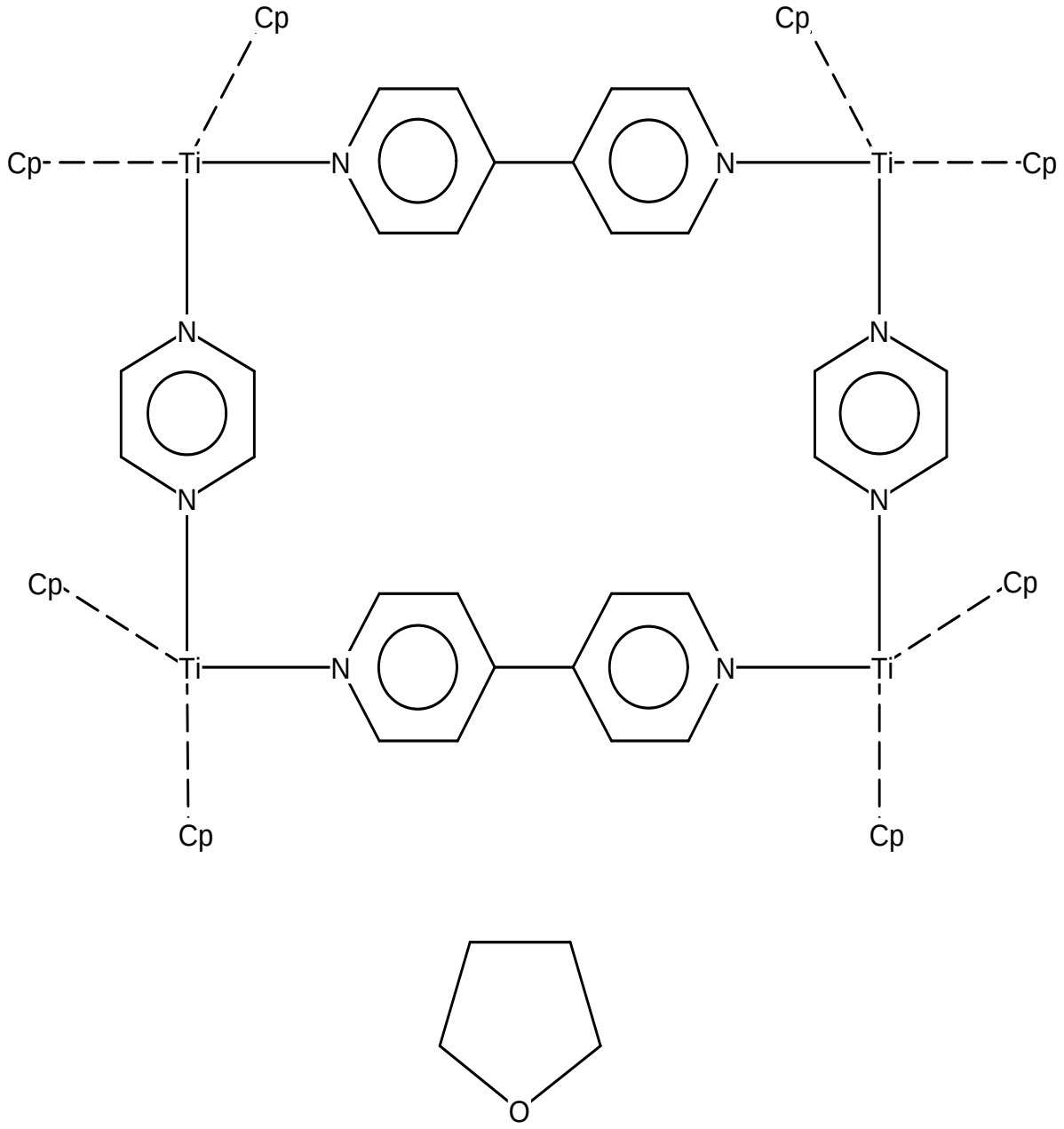
Reference: S.Kraft, E.Hanuschek, R.Beckhaus, D.Haase, W.Saak (2005) *Chem.-Eur.J.* ,**11,**969

Formula: $C_{68}\ H_{64}\ N_8\ Ti_4,8(C_4\ H_8\ O_1)$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-pyrazine-N,N')-octakis(η^5-cyclopentadienyl)-tetra-titanium tetrahydrofuran solvate

Space Group:	P3121	***Cell:***	***a***	23.360(0)	***b***	23.360(0)	***c*** 17.577(0)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.49 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.057



Search: search1 (Thu May 26 10:05:42 2011): Hit 665

FIFTUK

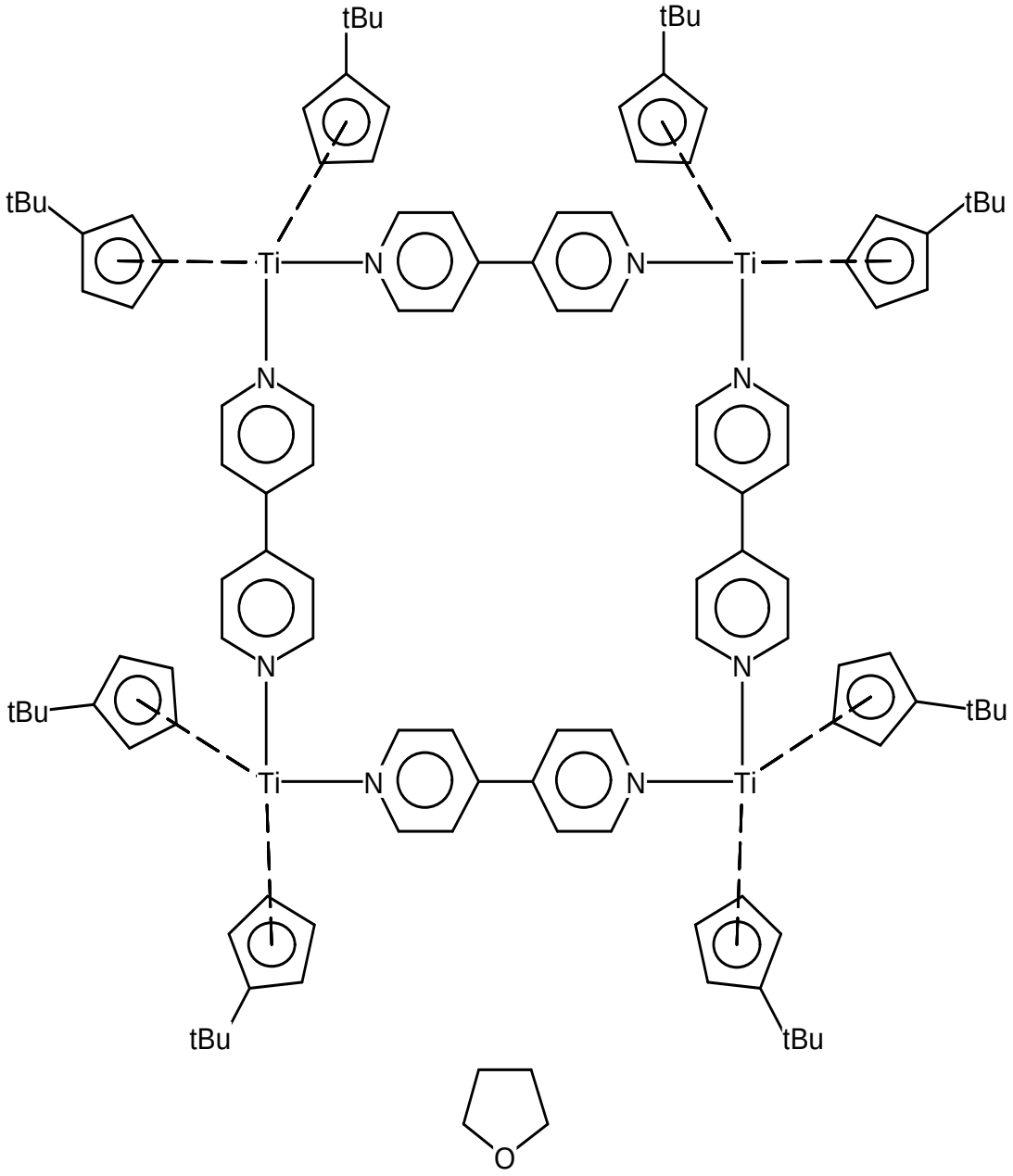
Reference: S.Kraft, E.Hanuschek, R.Beckhaus, D.Haase, W.Saak (2005) *Chem.-Eur.J.* ,**11,**969

Formula: $C_{112}\ H_{136}\ N_8\ Ti_4$,11($C_4\ H_8\ O_1$)

Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-octakis(η^5-t-butyl-cyclopentadienyl)-tetra-titanium tetrahydrofuran solvate

Space Group:	P-1	***Cell:***	***a*** 15.889(0)	***b*** 19.212(0)	***c*** 25.436(1)
Space Group No.:	2	***(Å,°)***	α 110.92(0)	β 91.65(0)	γ 91.22(0)

R-Factor (%): 8.38 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.182



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 666

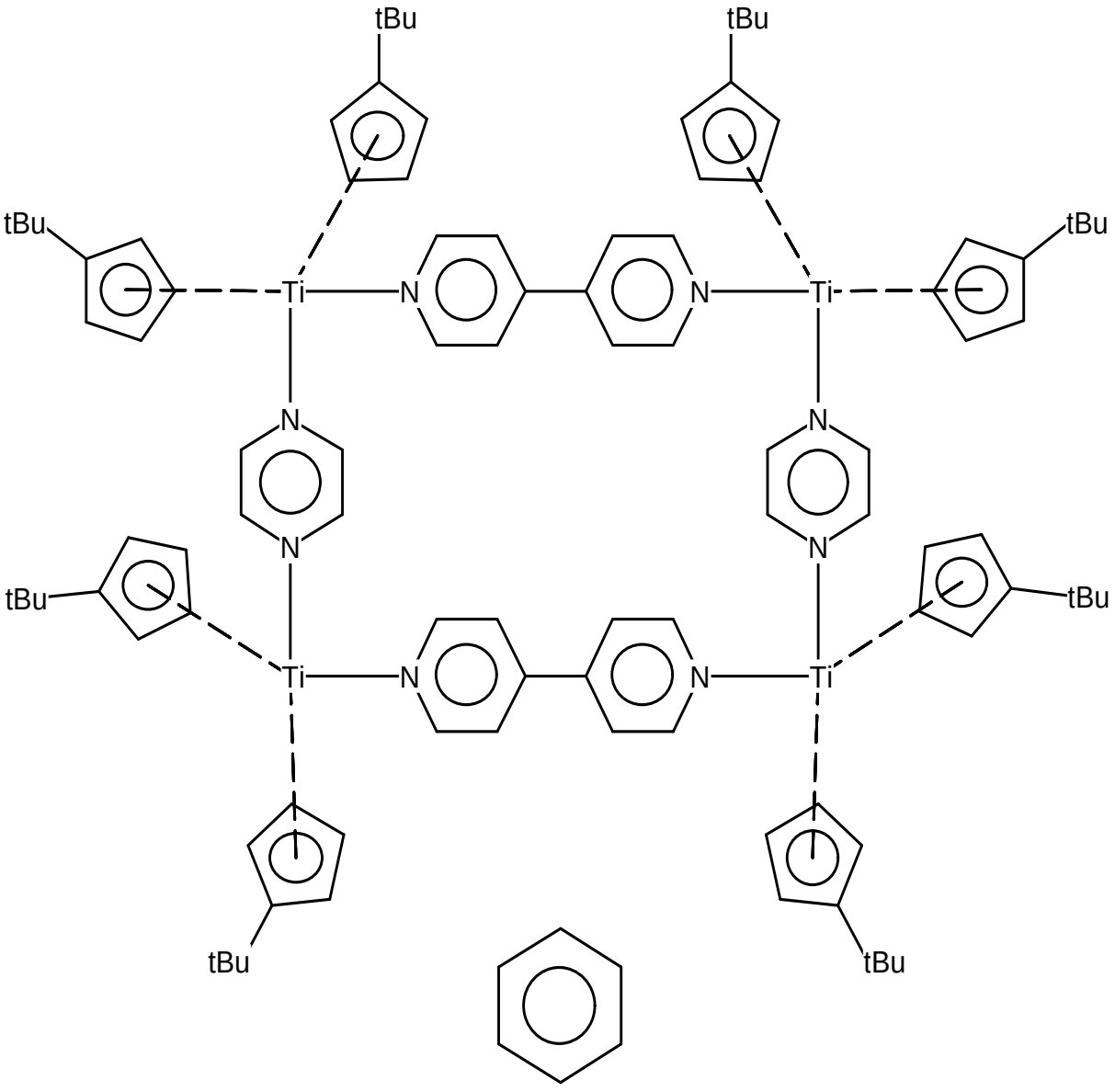
FIFVEW

Reference: S.Kraft, E.Hanuschek, R.Beckhaus, D.Haase, W.Saak (2005) *Chem.-Eur.J.* ,**11,**969

Formula: $C_{100}\ H_{128}\ N_8\ Ti_4,7(C_6\ H_6)$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-pyrazine-N,N')-octakis(η^5-t-butyl-cyclopentadienyl)-tetra-titanium benzene solvate

Space Group:	P-1	***Cell:***	***a*** 18.481(1)	***b*** 19.671(1)	***c*** 20.183(1)
Space Group No.:	2	***(Å,°)***	α 110.75(0)	β 110.17(0)	γ 95.41(0)
R-Factor (%):	8.03	***Temperature(K):***	153	***Density(g/cm^3):***	1.160



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 667

FIFXAU

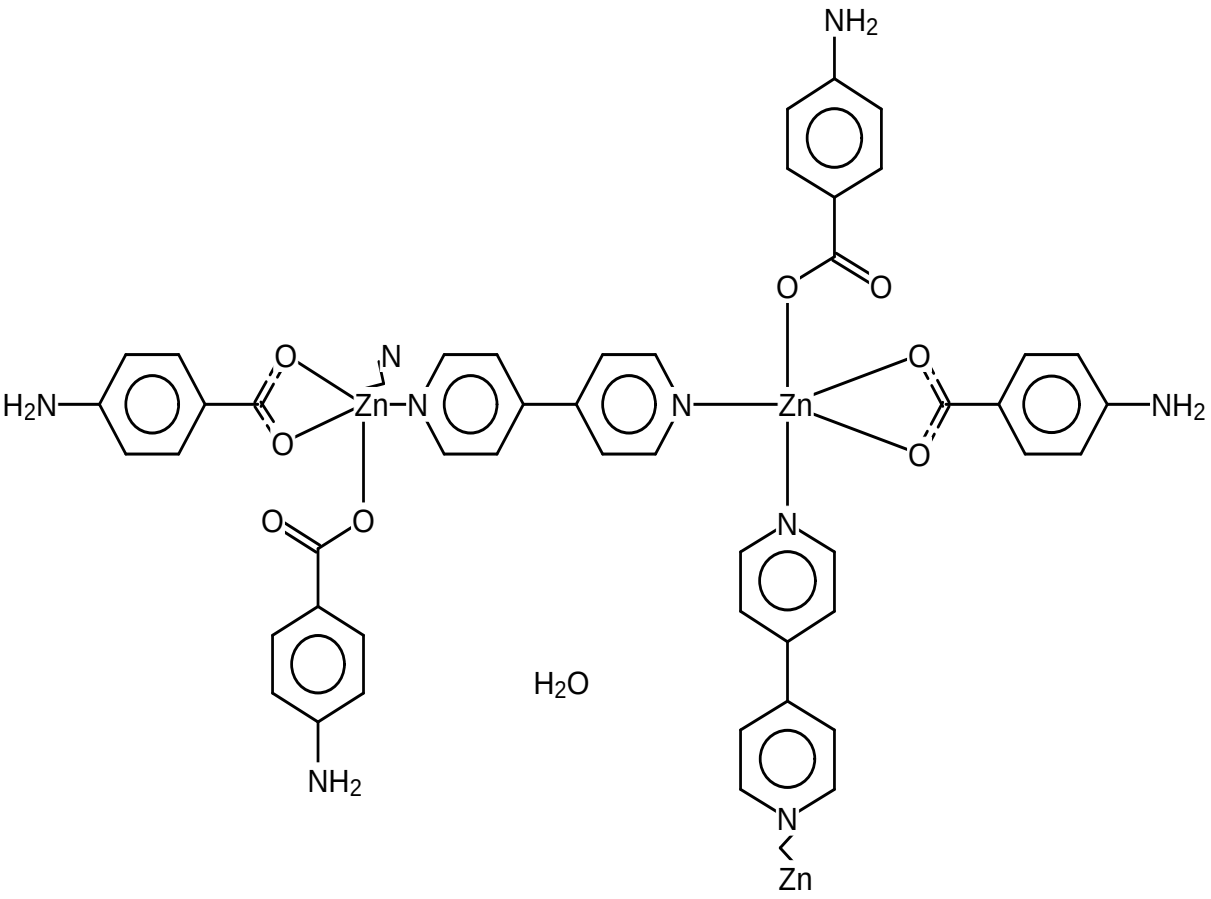
Reference: Ruihu Wang, Feilong Jiang, Youfu Zhou, Lei Han, Maochun Hong (2005) *Inorg.Chim.Acta* ,**358,**545

Formula: $(C_{48}\ H_{40}\ N_8\ O_8\ Zn_2)n,5n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(4-aminobenzoato-O,O')-(4-aminobenzoato-O))-di-zinc(ii) pentahydrate)

Space Group:	P21/c	***Cell:***	***a***	10.970(30)	***b***	14.450(30)	***c***	16.520(40)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.53(7)	γ	90.00

R-Factor (%):	7.54	***Temperature(K):***	293	***Density(g/cm^3):***	1.379



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 668

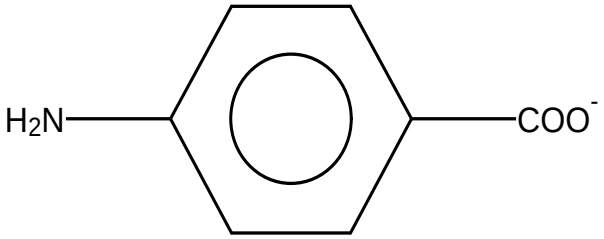
FIFXEY

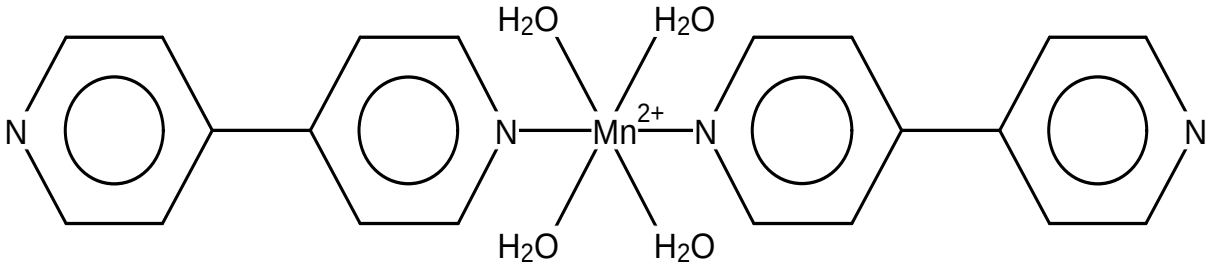
Reference: Ruihu Wang, Feilong Jiang, Youfu Zhou, Lei Han, Maochun Hong (2005) *Inorg.Chim.Acta* ,**358,**545

Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4\,^{2+}$,$C_7\,H_6\,N_1\,O_2\,^{1-}$,$Br_1\,^{1-}$,3($H_2\,O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-manganese(ii) 4-aminobenzoate bromide trihydrate

Space Group:	Pnma	***Cell:***	***a***	24.586(0)	***b***	18.094(0)	***c*** 7.159(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	6.51	***Temperature(K):***	293		***Density(g/cm^3):***	1.480	







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 669

FIGTIY

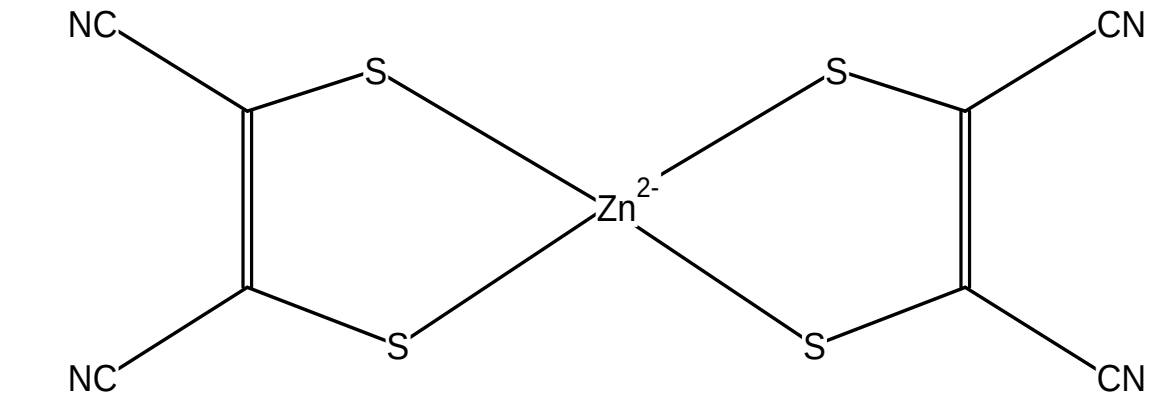
Reference: S.Lahner, Y.Wakatsuki, H.Kisch (1987) *Chem.Ber.* ,**120,** 1011

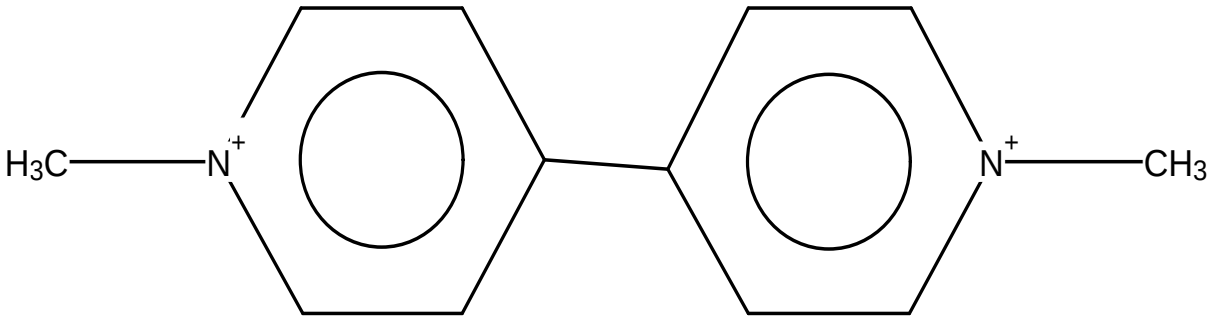
Formula: $C_8 N_4 S_4 Zn_1^{2-}$,$C_{12} H_{14} N_2^{2+}$

Compound Name: (1,1'-Dimethyl-4,4'-bypyridinium) bis(cis-1,2-dicyano-1,2-ethylenedithiolato-S,S')-zinc

Space Group:	P-1	***Cell:***	***a***	13.728(2)	***b***	15.584(4)	***c***	10.742(2)
Space Group No.:	2	***(Å,°)***	α	95.38(2)	β	90.57(1)	γ	86.32(2)

R-Factor (%):	4.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.547





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 670

FIHREU

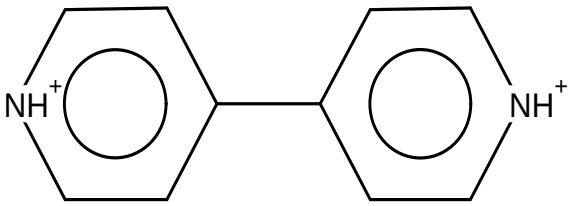
Reference: Sheming Lu, Yanxiong Ke, Jianmin Li, Shuxi Zhou, Xintao Wu, Wenxin Du (2003) *Cryst.Res.Technol. ,***38,**1004

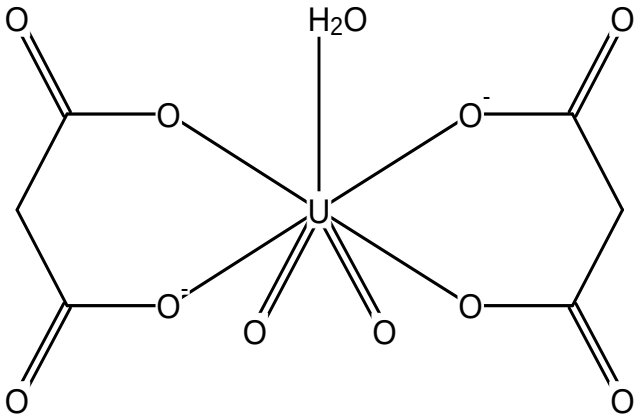
Formula: $C_6 H_6 O_{11} U_1 ^{2-}$,$C_{10} H_{10} N_2 ^{2+}$,2($C_{10} H_8 N_2$),8($H_2 O_1$)

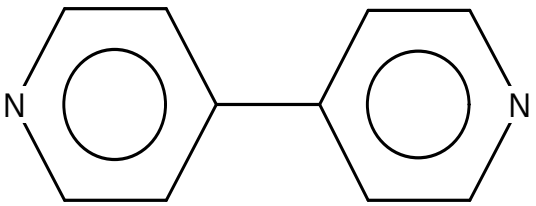
Compound Name: (4,4'-Bipyridine-1,1'-di-ium) aqua-bis(malonato)-dioxo-uranium 4,4'-bipyridine octahydrate

Space Group:	P21/n	***Cell:***	***a***	16.666(0)	***b***	15.208(0)	***c***	17.816(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.52	γ	90.00

R-Factor (%): 6.21 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.639







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 671

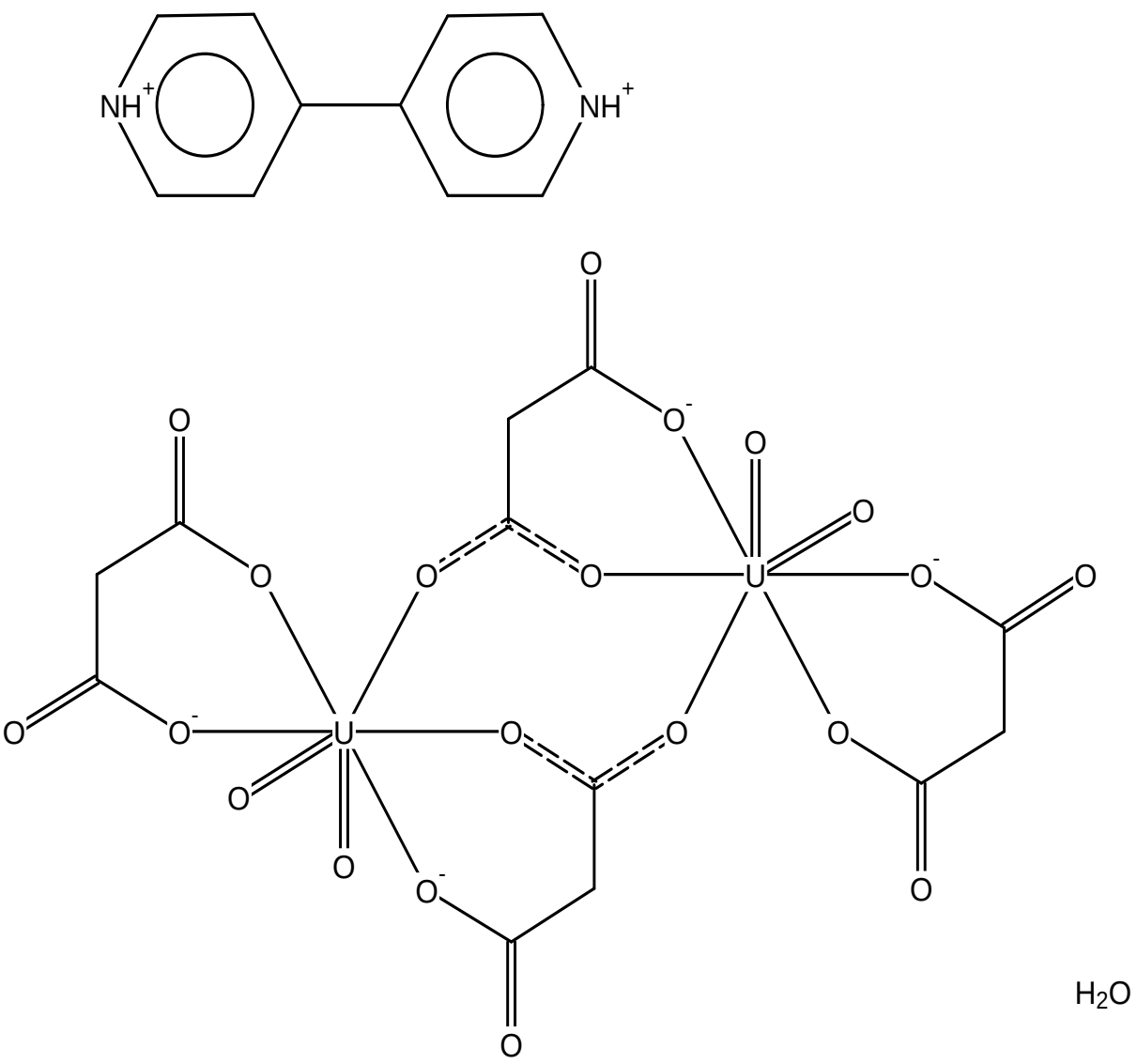
FIHRIY

Reference: Sheming Lu, Yanxiong Ke, Jianmin Li, Shuxi Zhou, Xintao Wu, Wenxin Du (2003) *Cryst.Res.Technol.* ,**38,**1004

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),C_{12}\ H_8\ O_{20}\ U_2\ ^{4-},4(H_2\ O_1)$

Compound Name: (4,4'-Bipyridine-1,1'-di-ium) bis(μ_2-malonato)-bis((malonato)-dioxo-uranium) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	8.020(0)	***b***	9.644(0)	***c*** 14.200(1)
Space Group No.:	2	***(Å,°)***	α	106.25(0)	β	100.69(0)	γ 104.04(0)
R-Factor (%):	4.94	***Temperature(K):***	298	***Density(g/cm^3):***	2.255		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 672

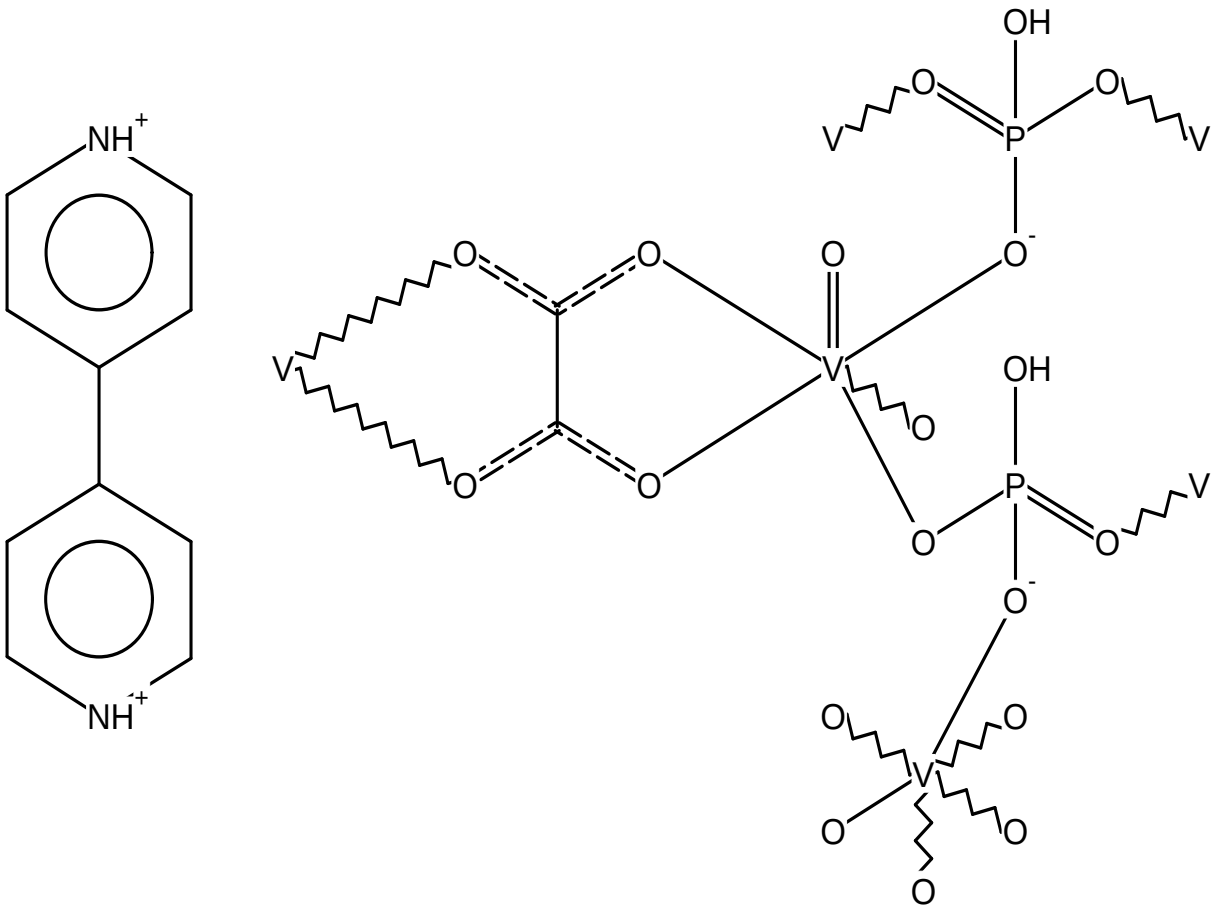
FIJRIA

Reference: F.-N.Shi, F.A.A.Paz, J.Rocha, J.Klinowski, T.Trindade (2005) *Inorg.Chim.Acta* ,**358,**927

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_2\ H_2\ O_{14}\ P_2\ V_2\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_3-hydrogen phosphato)-(μ_2-oxalato)-dioxo-di-vanadium)

Space Group:	P21/c	***Cell:***	***a***	9.250(1)	***b***	6.338(1)	***c*** 16.111(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.08(3)	γ 90.00
R-Factor (%):	4.96	***Temperature(K):***	180	***Density(g/cm^3):***	2.032		



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 673

FINGEO

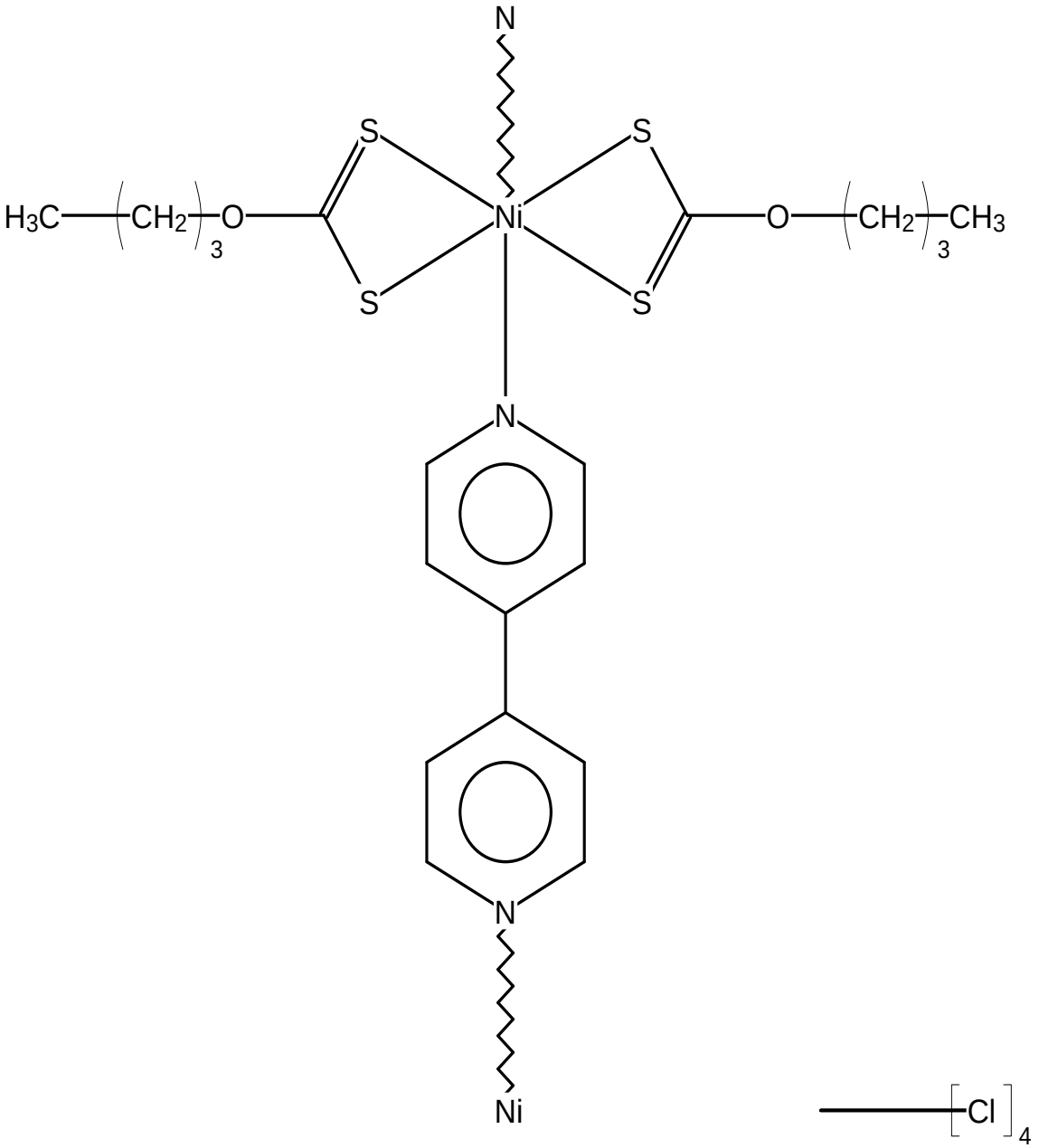
Reference: R.W.Gable, B.F.Hoskins, G.Winter (1985)
Inorg.Chim.Acta ,**96,**151

Formula: $(C_{20}\ H_{26}\ N_2\ Ni_1\ O_2\ S_4)n,2n(C_1\ Cl_4)$

Compound Name: (catena(4,4'-Bipyridyl)-bis(O-n-butylxanthato-S,S')-nickel) carbon tetrachloride solvate

Space Group:	P-1	***Cell:***	***a***	6.635(0)	***b***	11.314(0)	***c***	13.110(0)
Space Group No.:	2	***(Å,°)***	α	64.45(0)	β	79.55(0)	γ	84.98(0)

R-Factor (%): 4.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.561



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 674

FINJAO

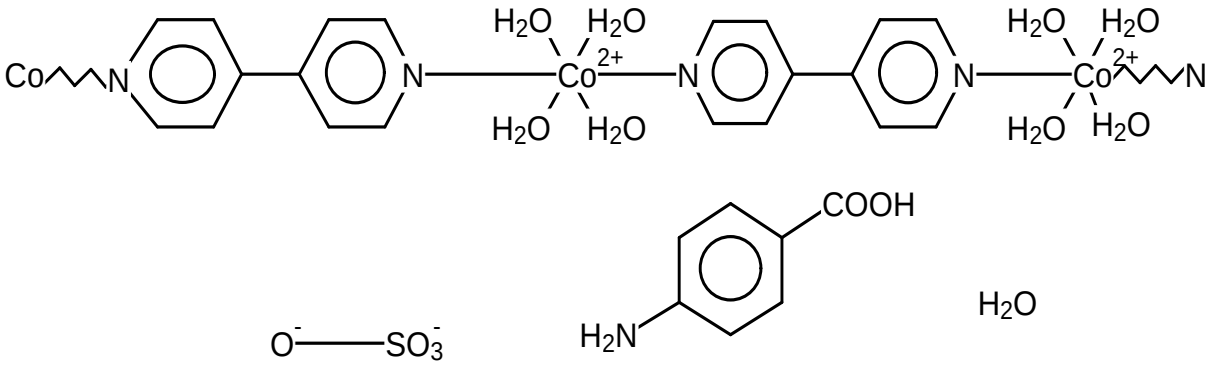
Reference: Hong-Ji Chen (2005)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**24,**236

Formula: $(C_{20}\ H_{32}\ Co_2\ N_4\ O_8\ ^{4+})n,4n(C_7\ H_7\ N_1\ O_2),2n(O_4\ S_1\ ^{2-}),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl)-octaaqua-di-cobalt(ii) tetrakis(4-aminobenzoic acid) disulfate hexahydrate)

Space Group:	P42/n	***Cell:***	***a*** 16.402(2)	***b*** 16.402(2)	***c*** 22.750(5)
Space Group No.:	86	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 7.86 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.544



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 675

FIRBIR

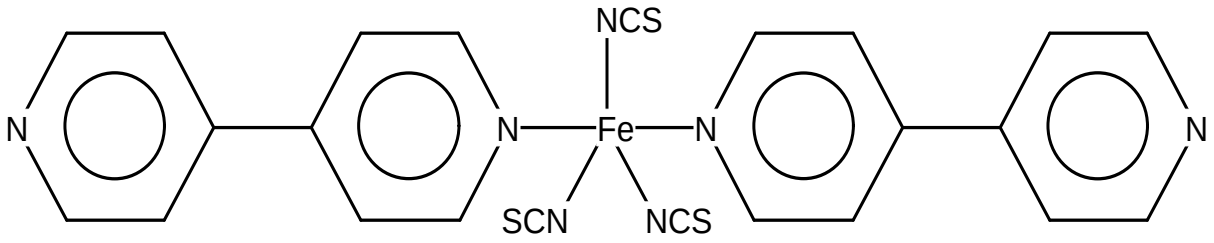
Reference: N.Moliner, J.A.Real, M.C.Munoz, R.Martinez-Manez, J.M.C.Juan (1999) *J.Chem.Soc.,Dalton Trans.* ,1375

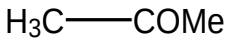
Formula: $C_{23}\,H_{16}\,Fe_1\,N_7\,S_3,C_3\,H_6\,O_1$

Compound Name: [bis(4,4'-Bipyridine)-tris(isothiocyanato)-iron(ii)] acetone solvate

Space Group:	Cc	***Cell:***	***a***	14.209(5)	***b*** 19.533(6)	***c***	12.085(4)
Space Group No.:	9	***(Å,°)***	α	90.00	β 119.04(2)	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.360





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 676

FIRBIR01

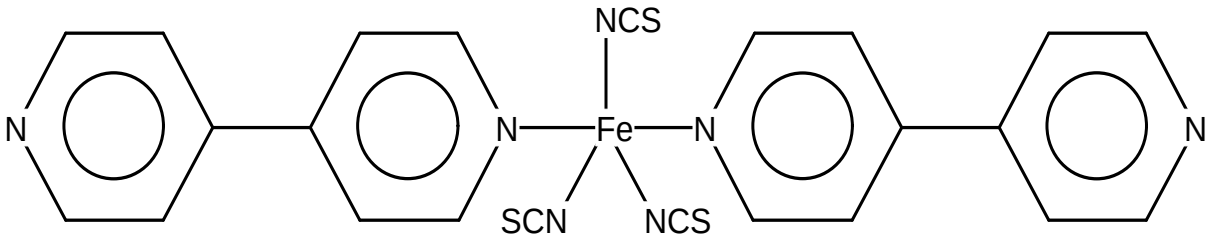
Reference: R.E.Marsh (2004) *Acta Crystallogr.,Sect.B:Struct.Sci.* ,**60,** 252

Formula: $C_{23}\,H_{16}\,Fe_1\,N_7\,S_3,C_3\,H_6\,O_1$

Compound Name: bis(4,4'-Bipyridine-N)-tris(isothiocyanato)-iron acetone solvate

Space Group:	C2/c	***Cell:***	***a***	14.209	***b*** 19.533	***c***	12.085
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.04	γ	90.00

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.360



H_3C——COMe

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 677

FIRYAH

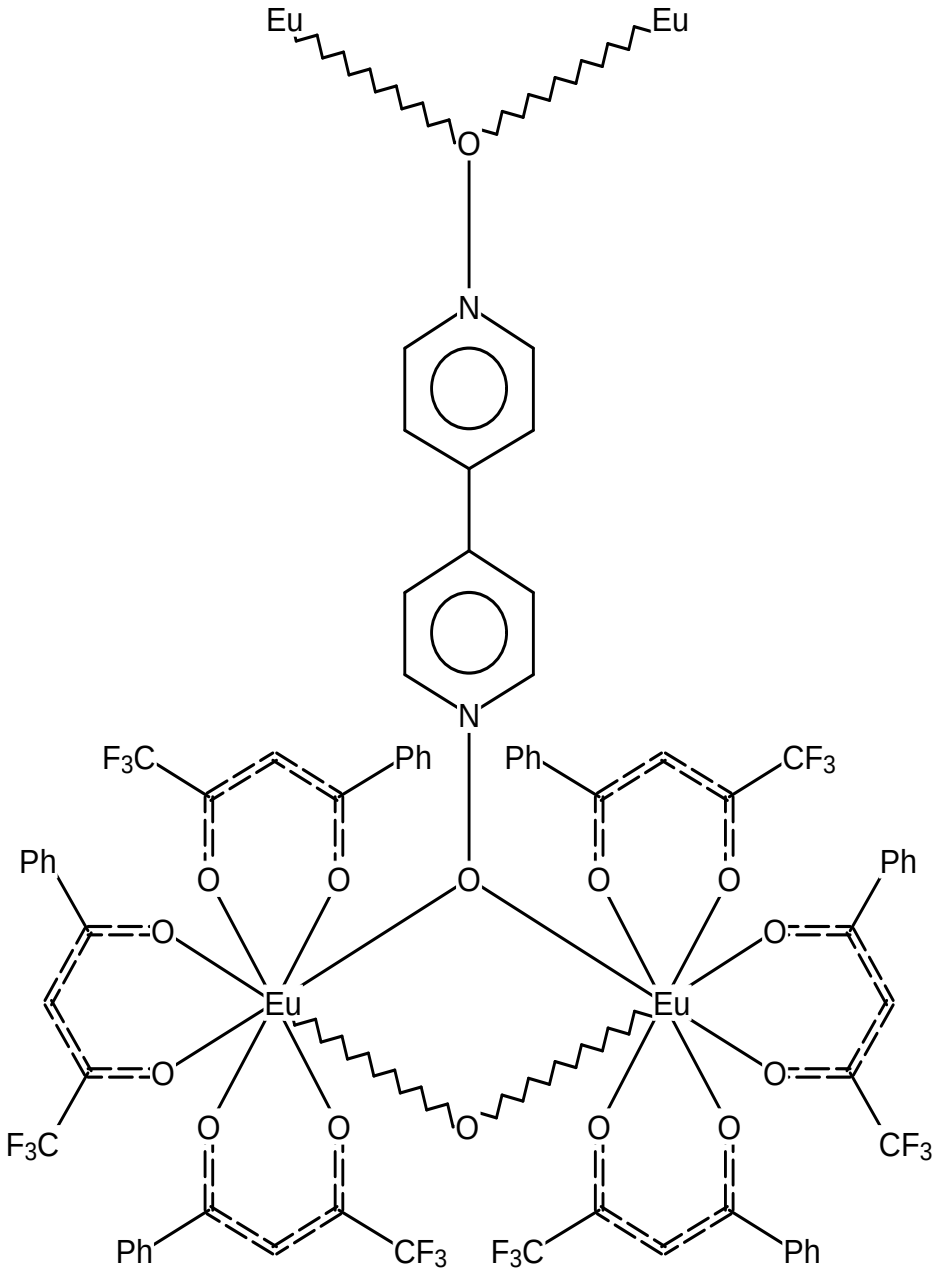
Reference: Shu-Lan Ma, Chuan-Min Qi, Qian-Ling Guo, Ming-Xin Zhao (2005) *J.Mol.Struct. ,***738,**99

Formula: $(C_{70}\ H_{44}\ Eu_2\ F_{18}\ N_2\ O_{14})n$

Compound Name: catena-((μ_4-4,4'-Bipyridine-N,N'-dioxide)-hexakis(benzoyltrifluoroacetonato-O,O')-di-europium(iii))

Space Group:	P2/c	***Cell:***	***a***	20.601(4)	***b***	12.201(2)	***c***	28.115(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.08(3)	γ	90.00

R-Factor (%): 6.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.676



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 678

FISHIY

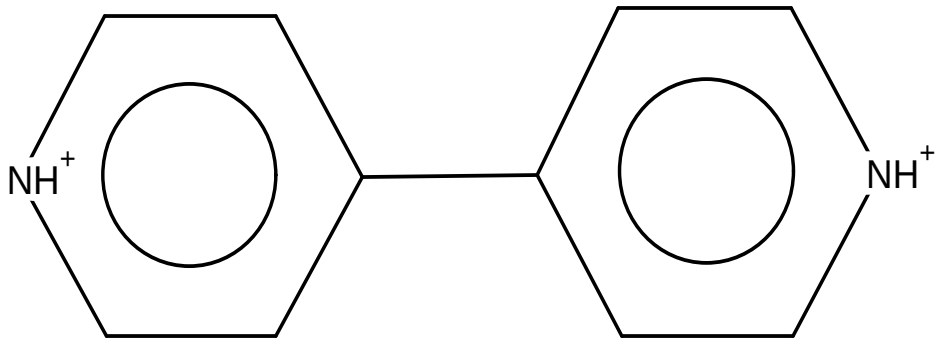
Reference: N.W.Alcock, D.J.Flanders (1987)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***43,**1267

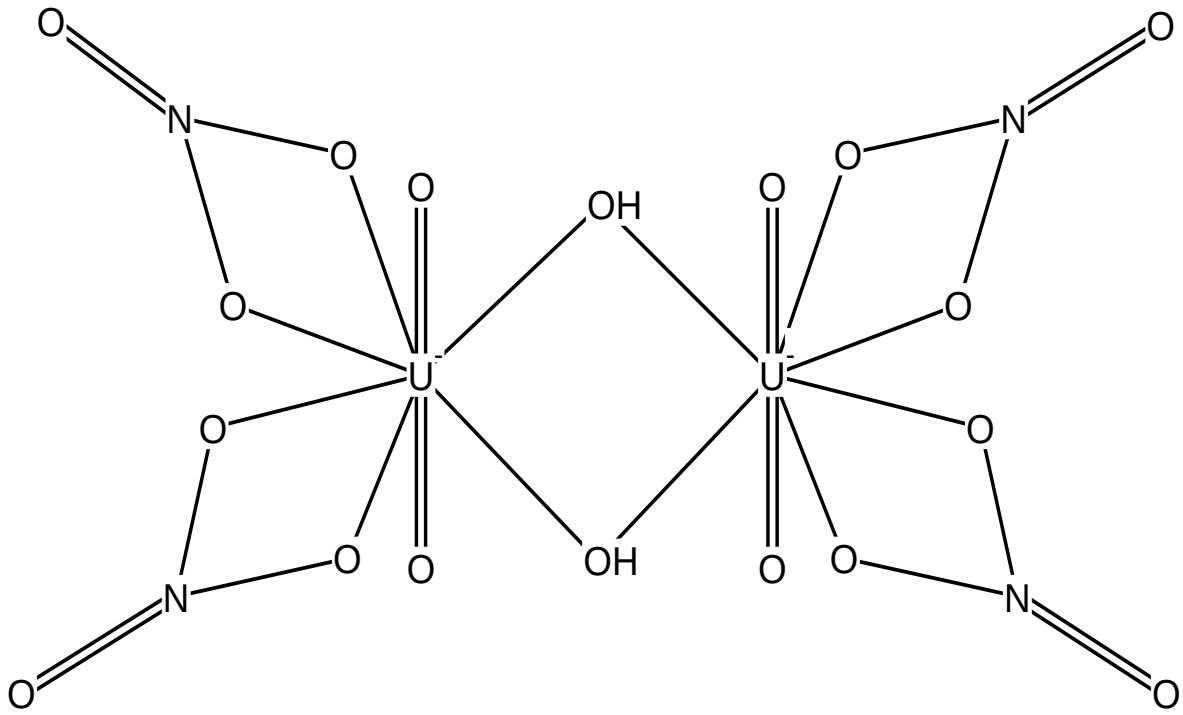
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+},H_2\ N_4\ O_{18}\ U_2\ ^{2-},H_2\ O_1$

Compound Name: 4,4'-Bipyridinium bis(μ_2-hydroxo)-tetrakis(nitrato-O,O')-tetraoxo-di-uranium(vi) monohydrate

Space Group:	Pn	***Cell:***	***a***	13.336(3)	***b***	5.555(2)	***c*** 15.433(3)
Space Group No.:	7	***(Å,°)***	α	90.00	β	94.25(1)	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.908





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 679

FITGUL

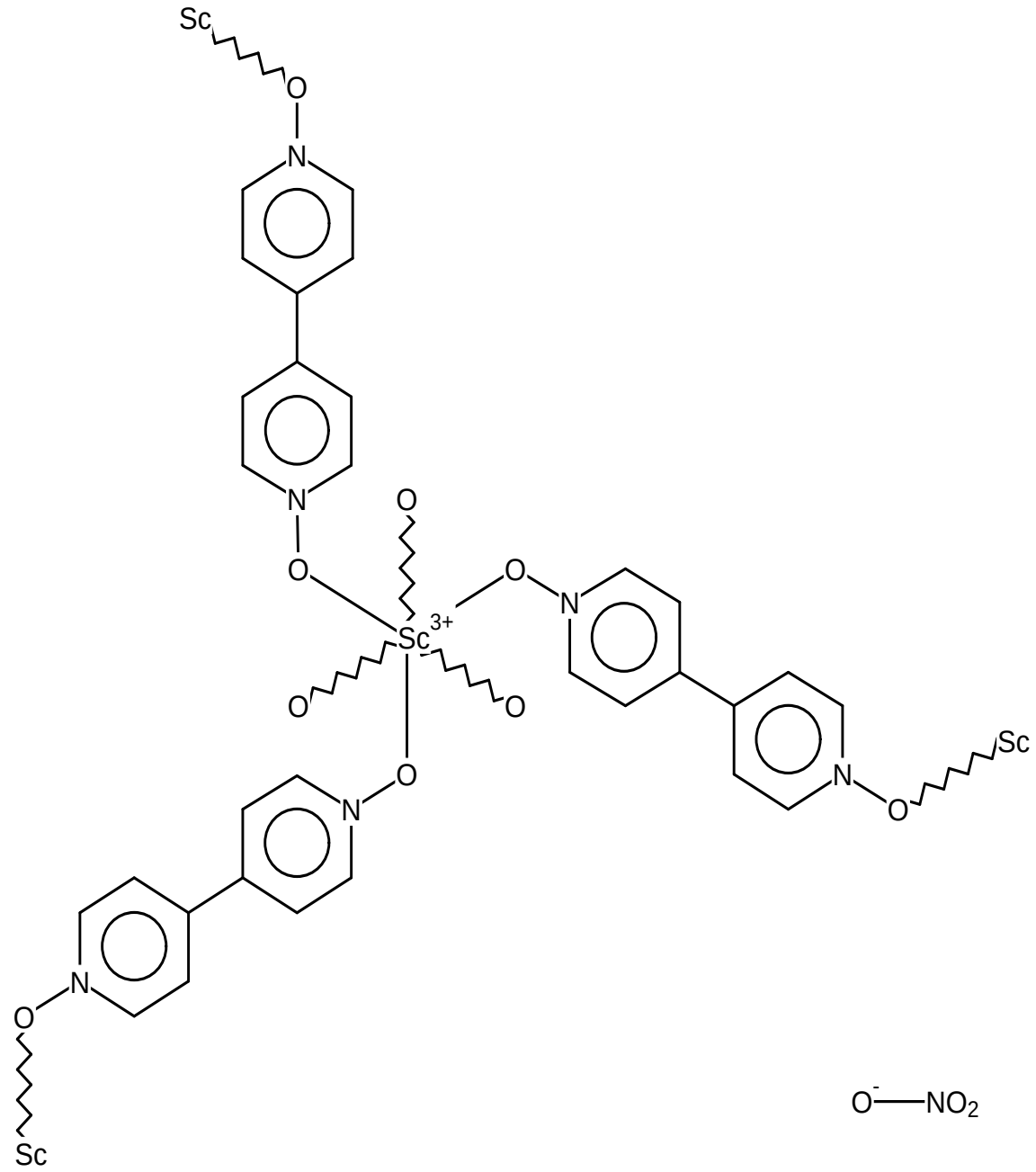
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2005) *Chem.-Eur.J. ,***11,**1384

Formula: $(C_{30}\ H_{24}\ N_6\ O_6\ Sc_1\ ^{3+})n,3n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxide)-scandium(iii) trinitrate)

Space Group:	R-3c	***Cell:***	***a***	20.852(3)	***b***	20.852(3)	***c*** 12.972(2)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.80 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.623



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 680

FITHAS

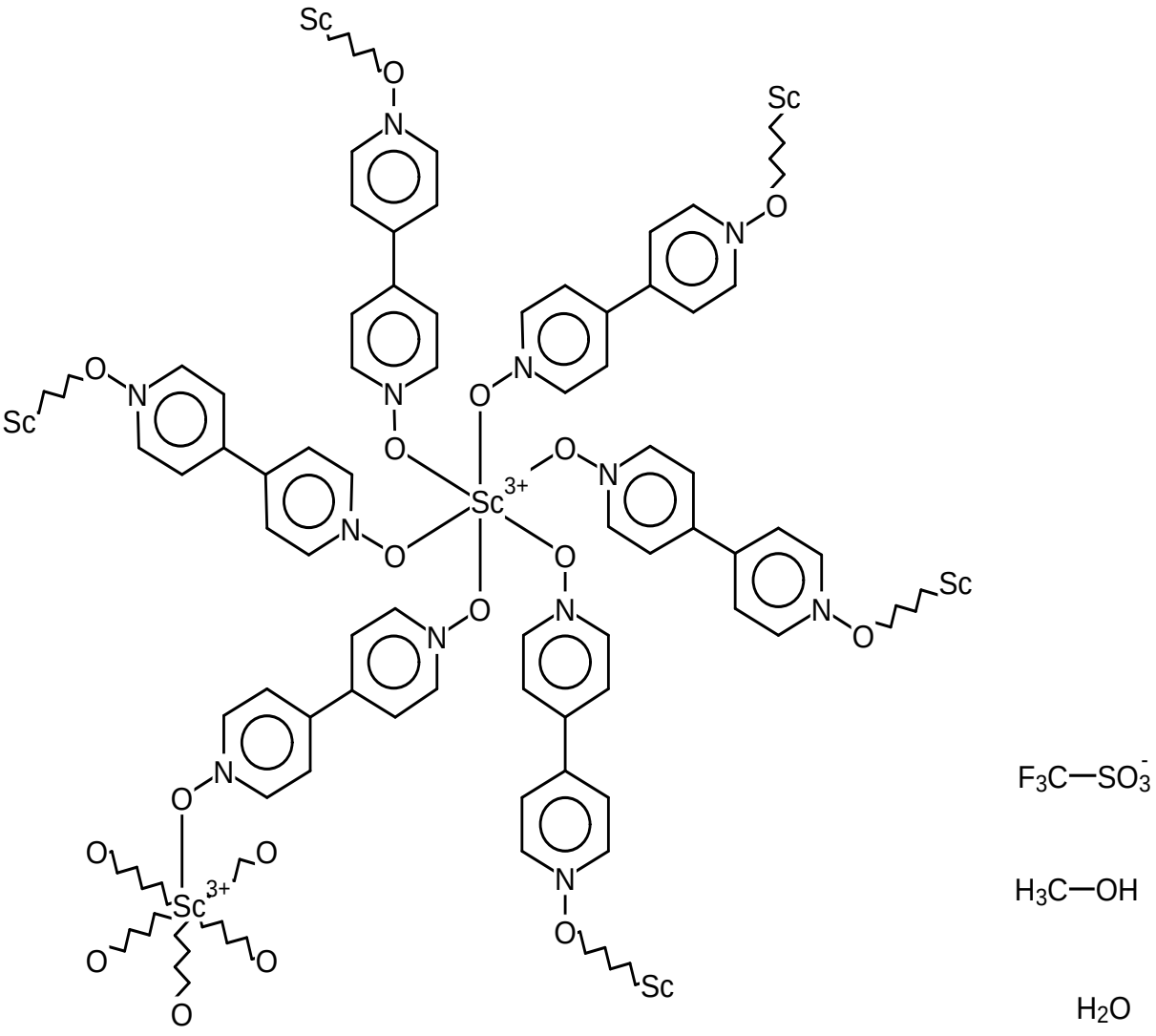
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2005) *Chem.-Eur.J.* ,**11,**1384

Formula: $(C_{60}\ H_{48}\ N_{12}\ O_{12}\ Sc_2\ ^{6+})n,6n(C_1\ F_3\ O_3\ S_1\ ^{1-}),5.4n(C_1\ H_4\ O_1),6n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine-N,N'-dioxide)-di-scandium(iii) hexakis(trifluoromethanesulfonate) methanol solvate hexahydrate clathrate)

Space Group:	P21/n	***Cell:***	***a*** 20.787(0)	***b*** 12.806(0)	***c*** 21.625(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 103.25(0)	γ 90.00

R-Factor (%): 12.40 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.419



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 681

FITHEW

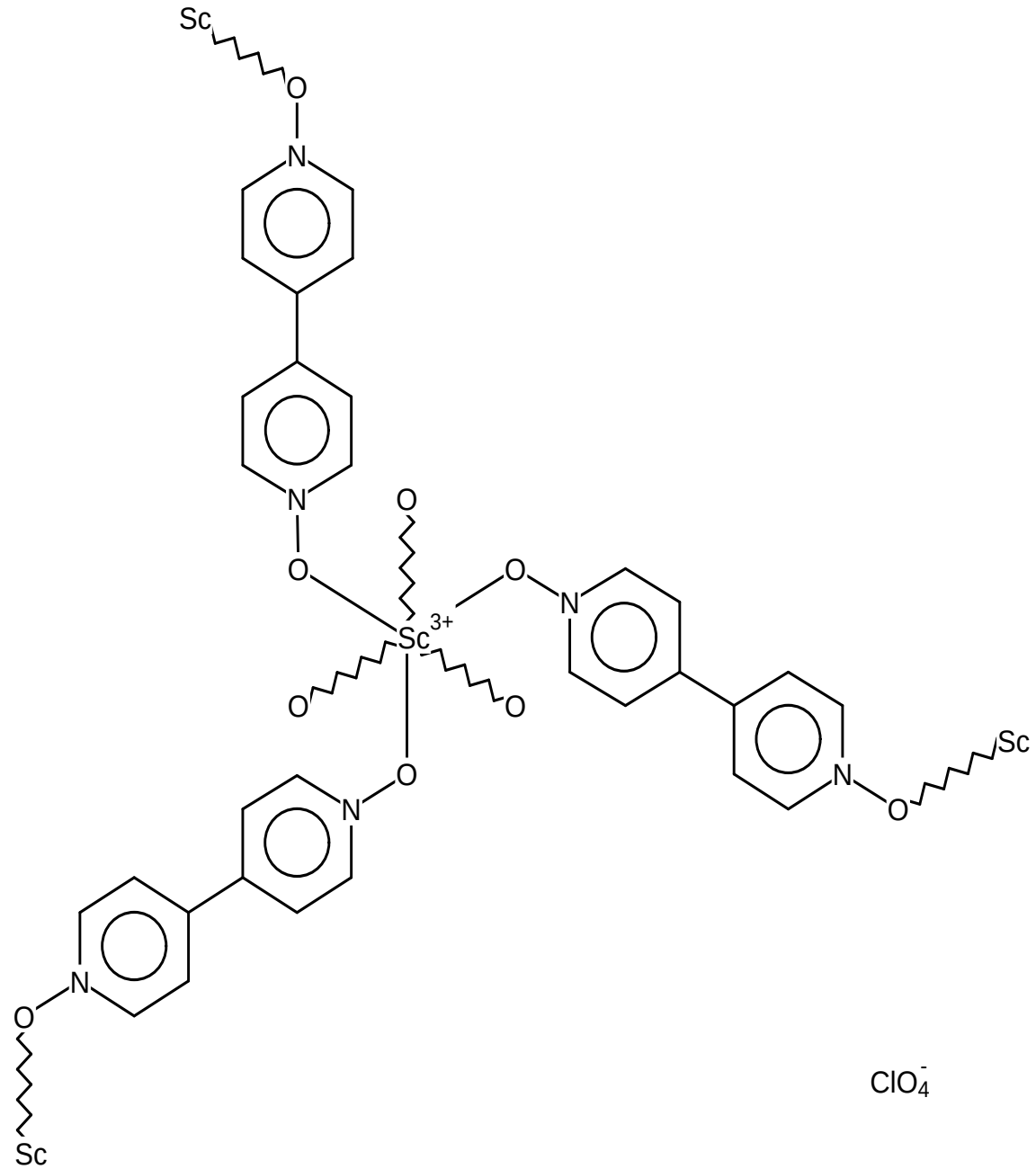
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2005) *Chem.-Eur.J. ,***11,**1384

Formula: $(C_{30}\ H_{24}\ N_6\ O_6\ Sc_1\ ^{3+})n,3n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxide)-scandium(iii) triperchlorate)

Space Group:	R-3c	***Cell:***	***a***	20.495(1)	***b***	20.495(1)	***c*** 15.818(2)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.64 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.572



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 682

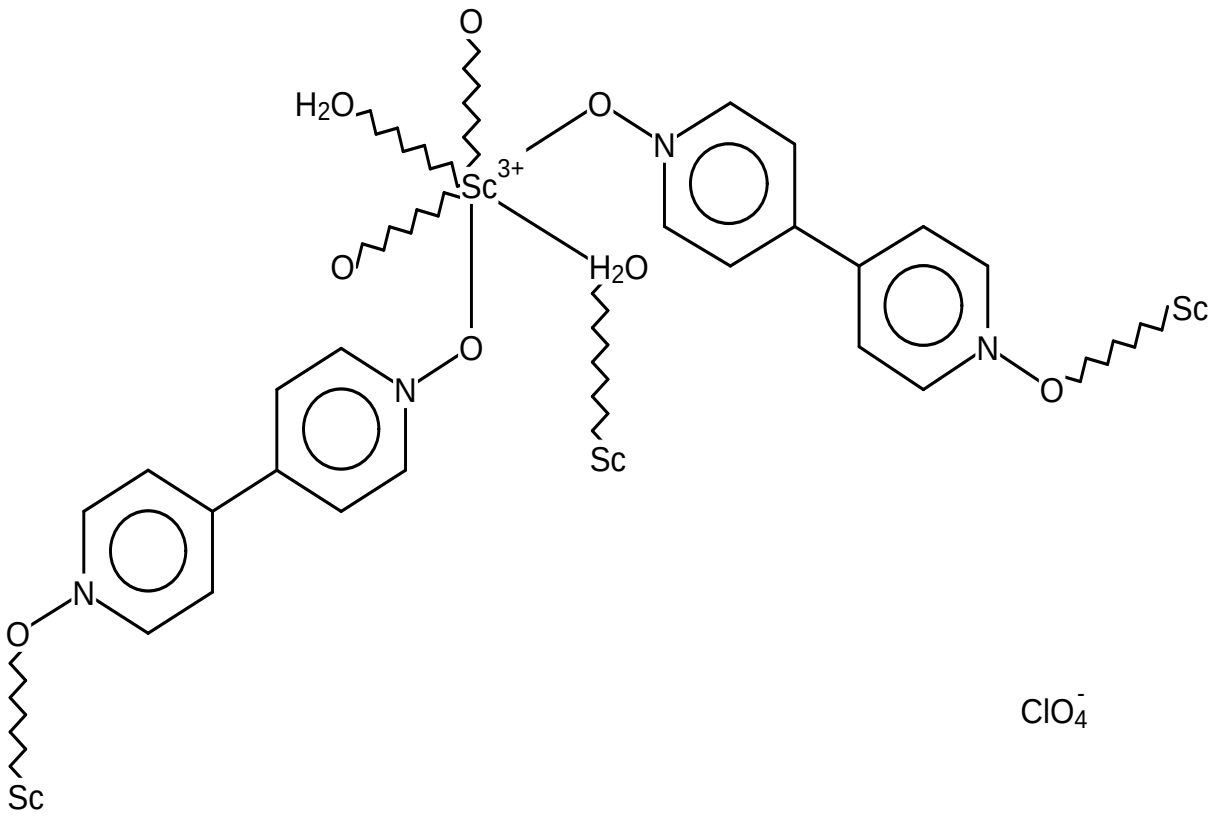
FITHIA

Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2005) *Chem.-Eur.J.* ,**11,**1384

Formula: $(C_{20}\ H_{18}\ N_4\ O_5\ Sc_1\ ^{3+})n,3n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-Aqua)-bis(μ_2-4,4'-bipyridine-N,N'-dioxide)-scandium(iii) triperchlorate)

Space Group:	I-42d	***Cell:***	***a***	23.995(4)	***b***	23.995(4)	***c***	3.950(0)
Space Group No.:	122	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.26	***Temperature(K):***	150		***Density(g/cm^3):***	1.077		



Search: search1 (Thu May 26 10:05:42 2011): Hit 683

FITMOL

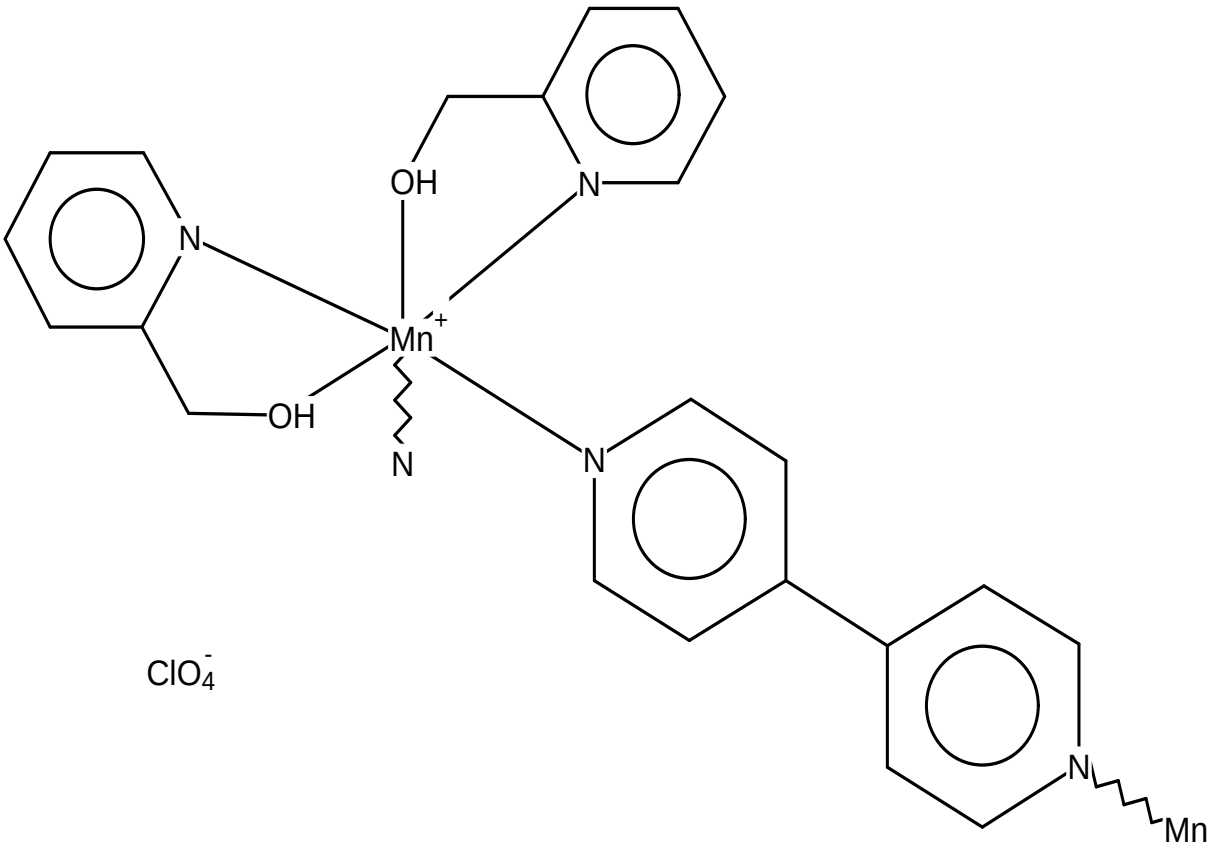
Reference: M.Ito, S.Onaka (2004) *Inorg.Chim.Acta* ,**357,**1039

Formula: $(C_{22}\ H_{22}\ Mn_1\ N_4\ O_2\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(cis-(μ_2-4,4'-bipyridine)-bis(2-hydroxymethylpyridine)-manganese(ii) perchlorate)

Space Group:	P4/ncc	***Cell:***	***a***	24.775(9)	***b***	24.775(9)	***c*** 15.024(7)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 12.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 684

FITSAD

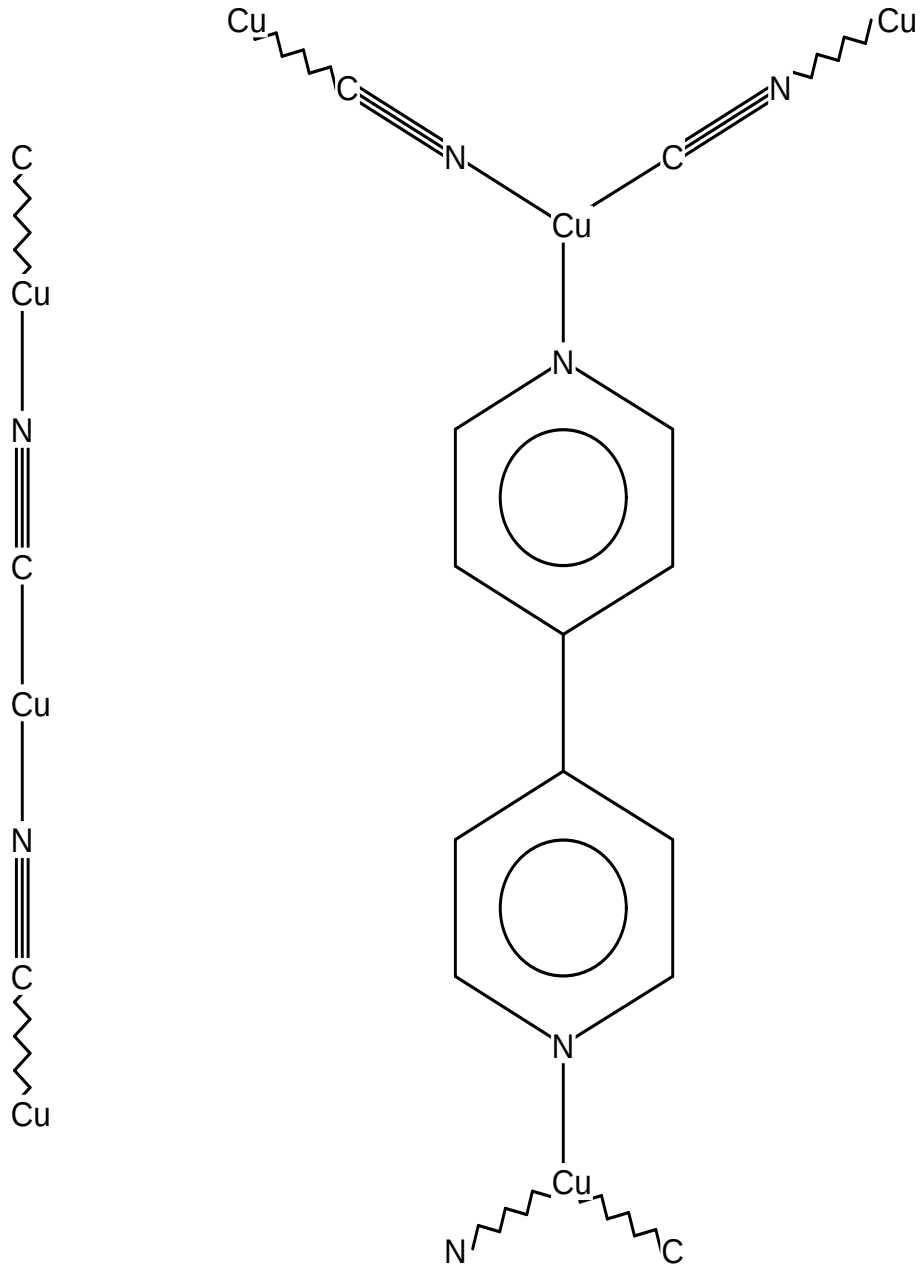
Reference: S.J.Hibble, A.M.Chippindale (2005) *Z.Anorg.Allg.Chem.* , **631,**542

Formula: $(C_2\ Cu_2\ N_2)n,n(C_{12}\ H_8\ Cu_2\ N_4)$

Compound Name: catena-[bis(μ_2-Cyano)-di-copper bis(μ_2-cyano)-(μ_2-4,4'-bipyridyl)-di-copper]

Space Group:	C2/c	***Cell:***	***a***	17.524(0)	***b***	9.457(0)	***c***	9.674(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.15(0)	γ	90.00

R-Factor (%): 3.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.137



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 685

FIVGUN

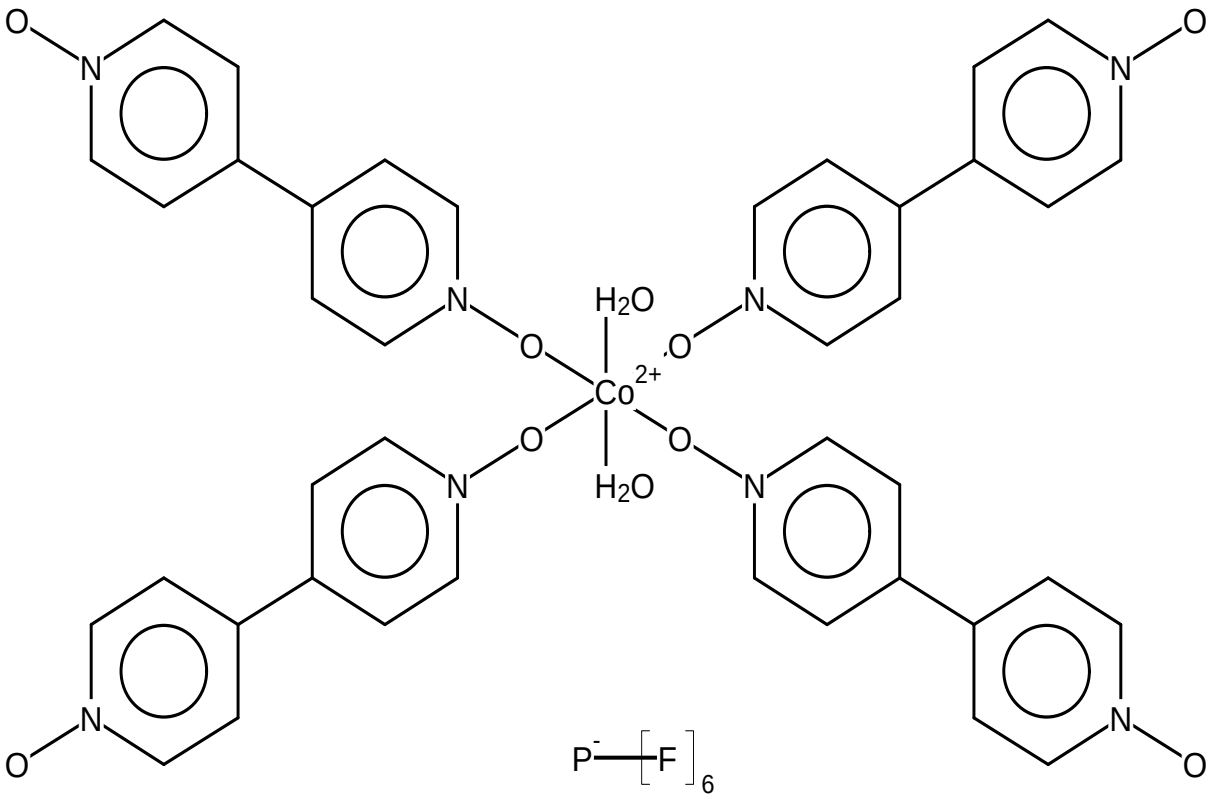
Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao (2005)
*Inorg.Chem. ,***44,**837

Formula: $C_{40}\ H_{36}\ Co_1\ N_8\ O_{10}\ ^{2+},2(F_6\ P_1\ ^{1-}),2(H_2\ O_1)$

Compound Name: Diaqua-tetrakis(4,4'-dipyridine-N,N'-dioxide)-cobalt(ii) bis(hexafluorophosphate) dihydrate

Space Group:	I-4	***Cell:***	***a*** 23.169(3)	***b*** 23.169(3)	***c*** 8.220(1)
Space Group No.:	82	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 7.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.767



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 686

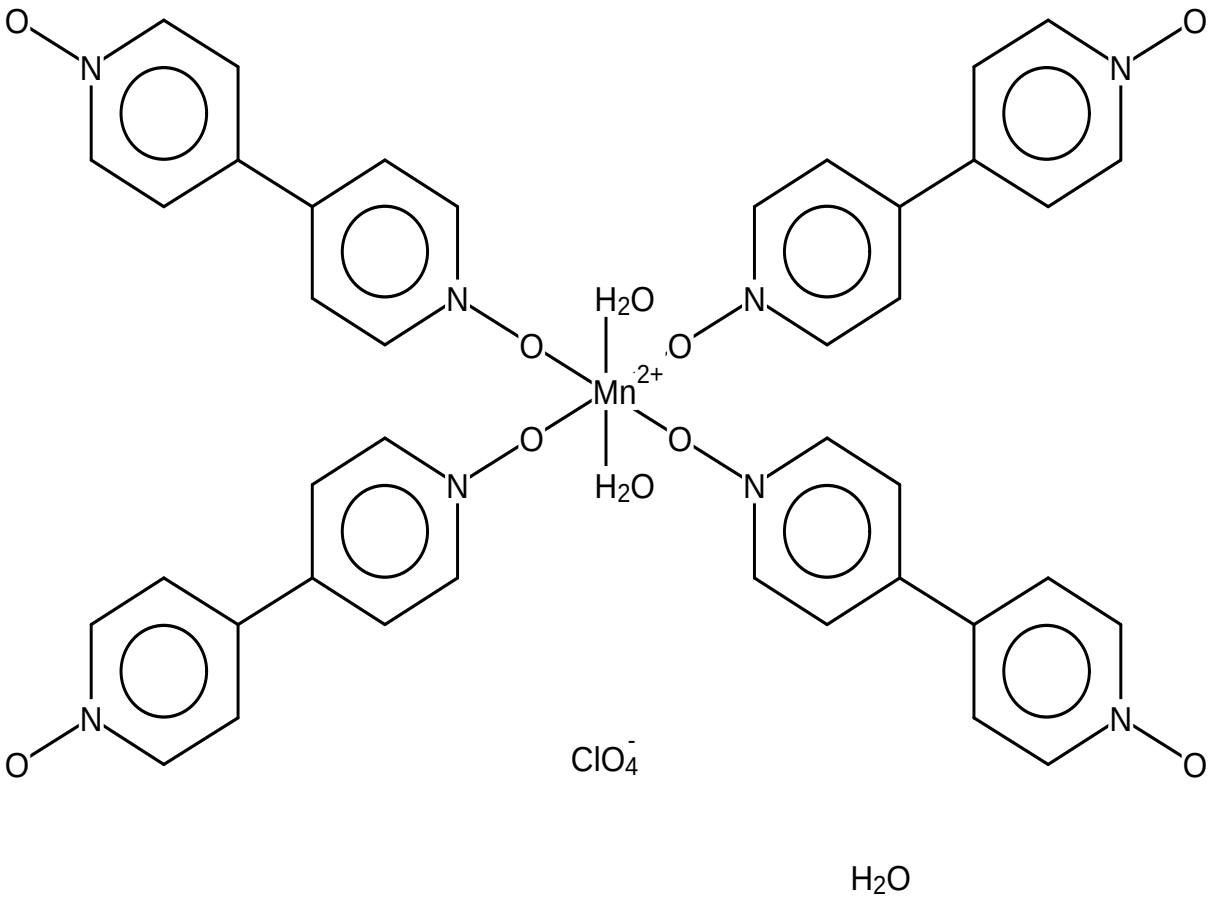
FIVHAU

Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao (2005)
*Inorg.Chem. ,***44,**837

Formula: $C_{40}\ H_{36}\ Mn_1\ N_8\ O_{10}\ ^{2+},2(Cl_1\ O_4\ ^{1-}),2(H_2\ O_1)$

Compound Name: Diaqua-tetrakis(4,4'-dipyridine-N,N'-dioxide)-manganese(ii) diperchlorate dihydrate

Space Group:	I-4	***Cell:***	***a***	23.150(3)	***b***	23.150(3)	***c*** 8.150(1)
Space Group No.:	82	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.18	***Temperature(K):***	297		***Density(g/cm^3):***		1.640



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 687

FIVHEY

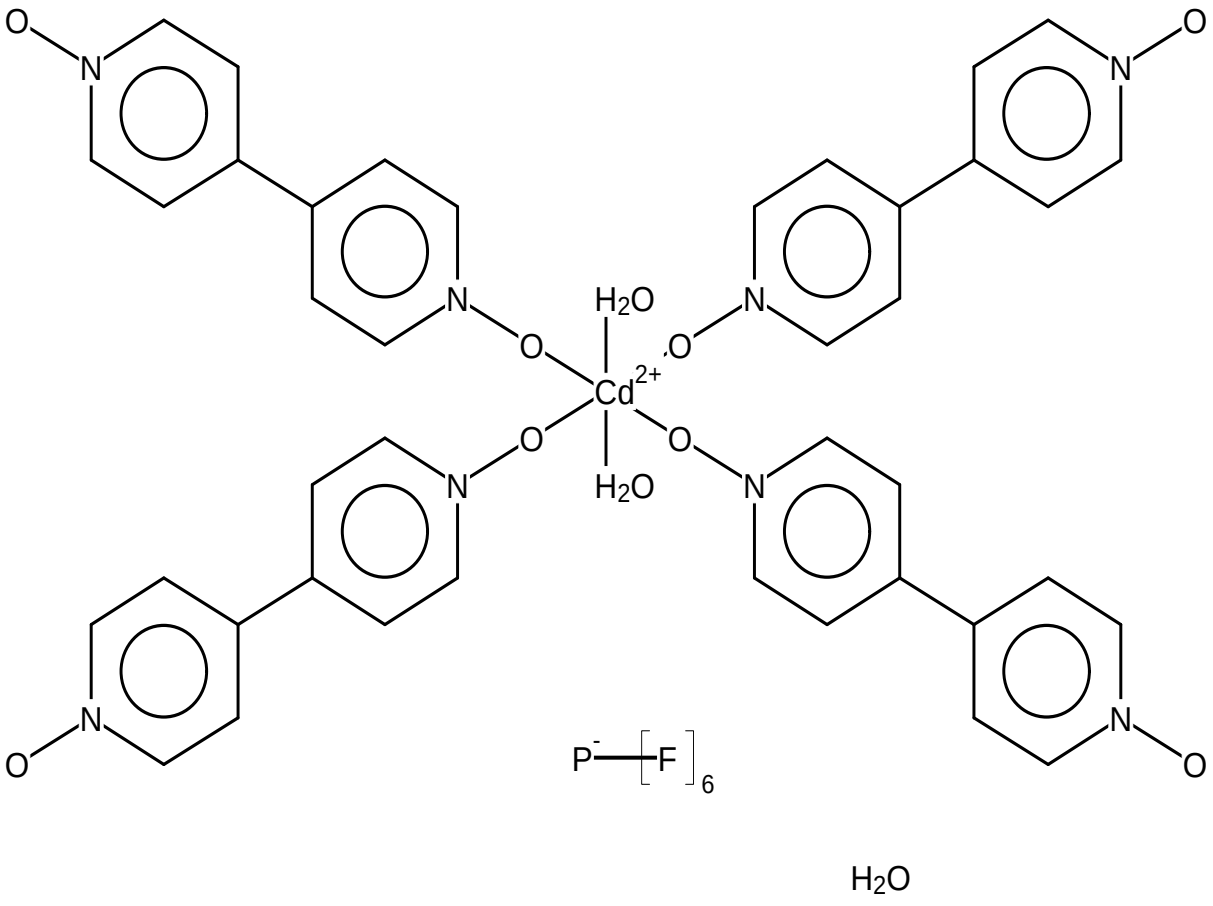
Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao (2005)
*Inorg.Chem. ,***44,**837

Formula: $C_{40}\ H_{36}\ Cd_1\ N_8\ O_{10}\ ^{2+},2(F_6\ P_1\ ^{1-}),2(H_2\ O_1)$

Compound Name: Diaqua-tetrakis(4,4'-dipyridine-N,N'-dioxide)-cadmium(ii) bis(hexafluorophosphate) dihydrate

Space Group:	I-4	***Cell:***	***a*** 23.523(3)	***b*** 23.523(3)	***c*** 8.145(2)
Space Group No.:	82	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.809



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 688

FIVYIT

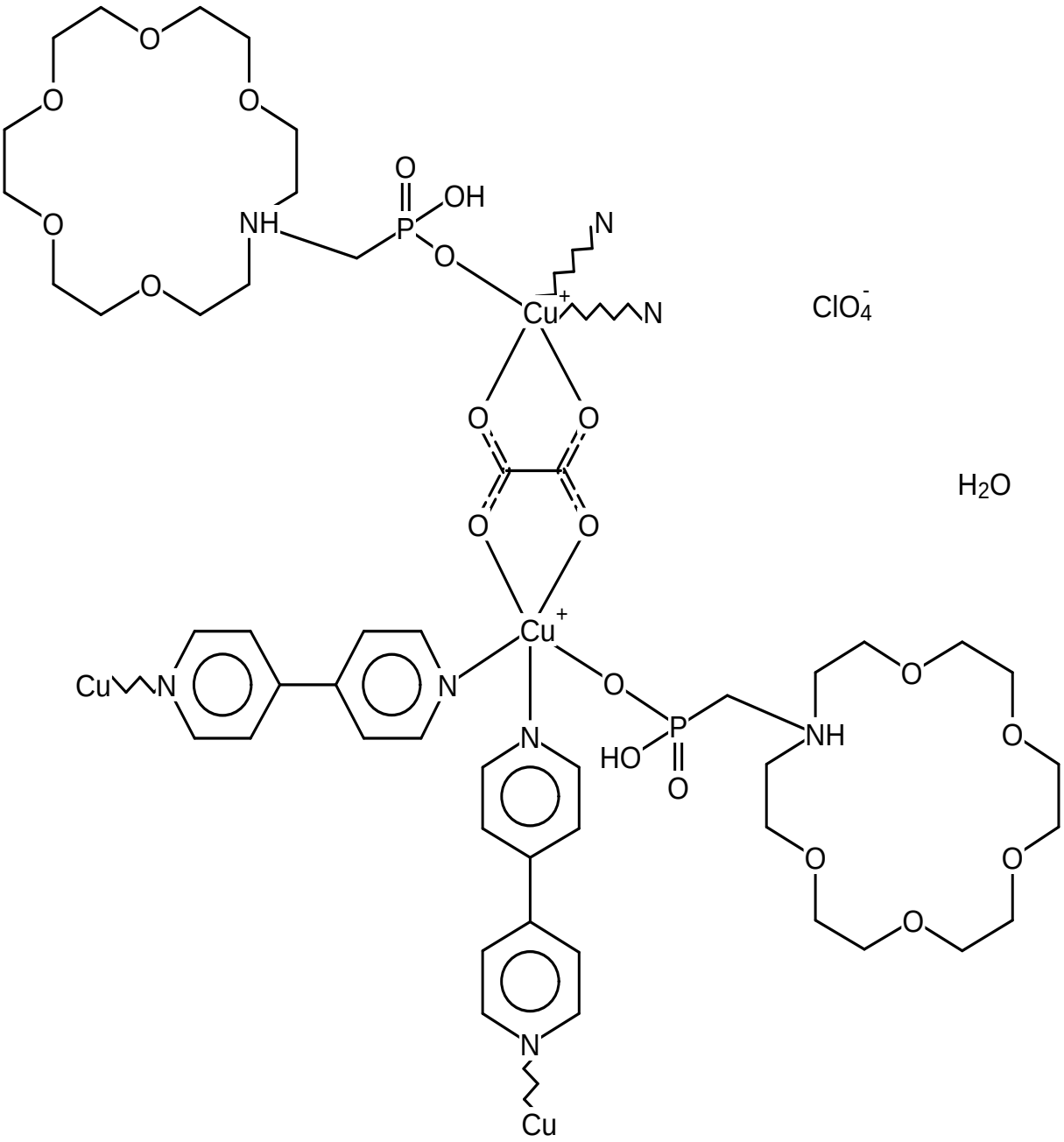
Reference: Deyuan Kong, A.Clearfield (2005) *Chem.Commun.* ,1005

Formula: $(C_{48}\ H_{72}\ Cu_2\ N_6\ O_{20}\ P_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-2,2'-Bipyridyl)-(μ_2-oxalato)-bis(N-phosphonomethyl-monoaza-18-crown-6)-di-copper diperchlorate tetrahydrate]

Space Group:	P21/c	***Cell:***	***a***	8.219(0)	***b*** 24.149(1)	***c***	17.104(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.59(0)	γ	90.00

R-Factor (%): 6.03 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 689

FIYDOH

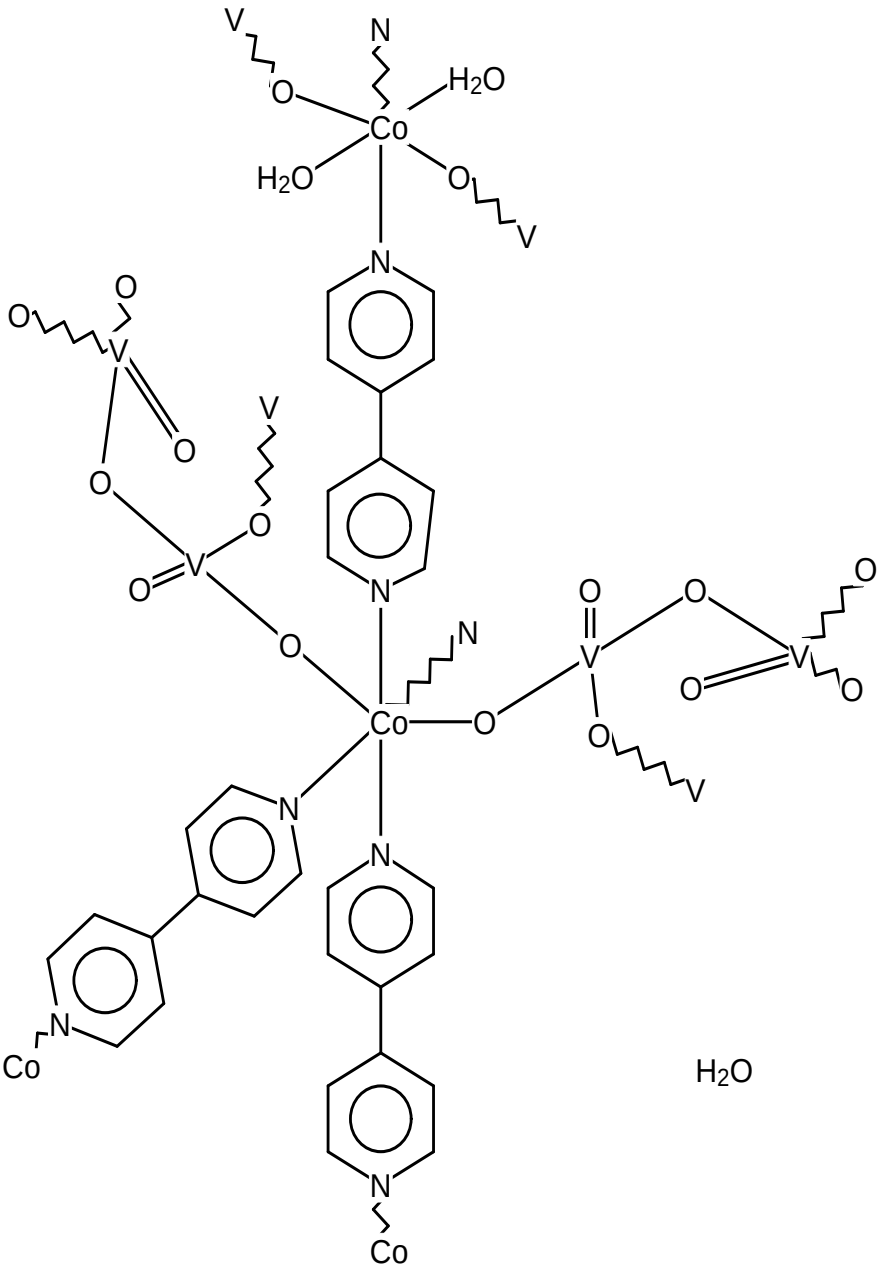
Reference: M.I.Khan, E.Yohannes, R.C.Nome, S.Ayesh, V.O.Golub, C.J.O'Connor, R.J.Doedens (2004) *Chem.Mater.* ,**16,**5273

Formula: $(C_{30}\ H_{28}\ Co_2\ N_6\ O_{14}\ V_4)n,2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridyl)-octakis(μ_2-oxo)-diaqua-tetraoxo-di-cobalt(ii)-tetra-vanadium dihydrate)

Space Group:	C2/c	***Cell:***	***a***	30.446(1)	***b*** 11.354(0)	***c***	11.584(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.54(0)	γ	90.00

R-Factor (%): 4.04 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.824



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 690

FIYJON

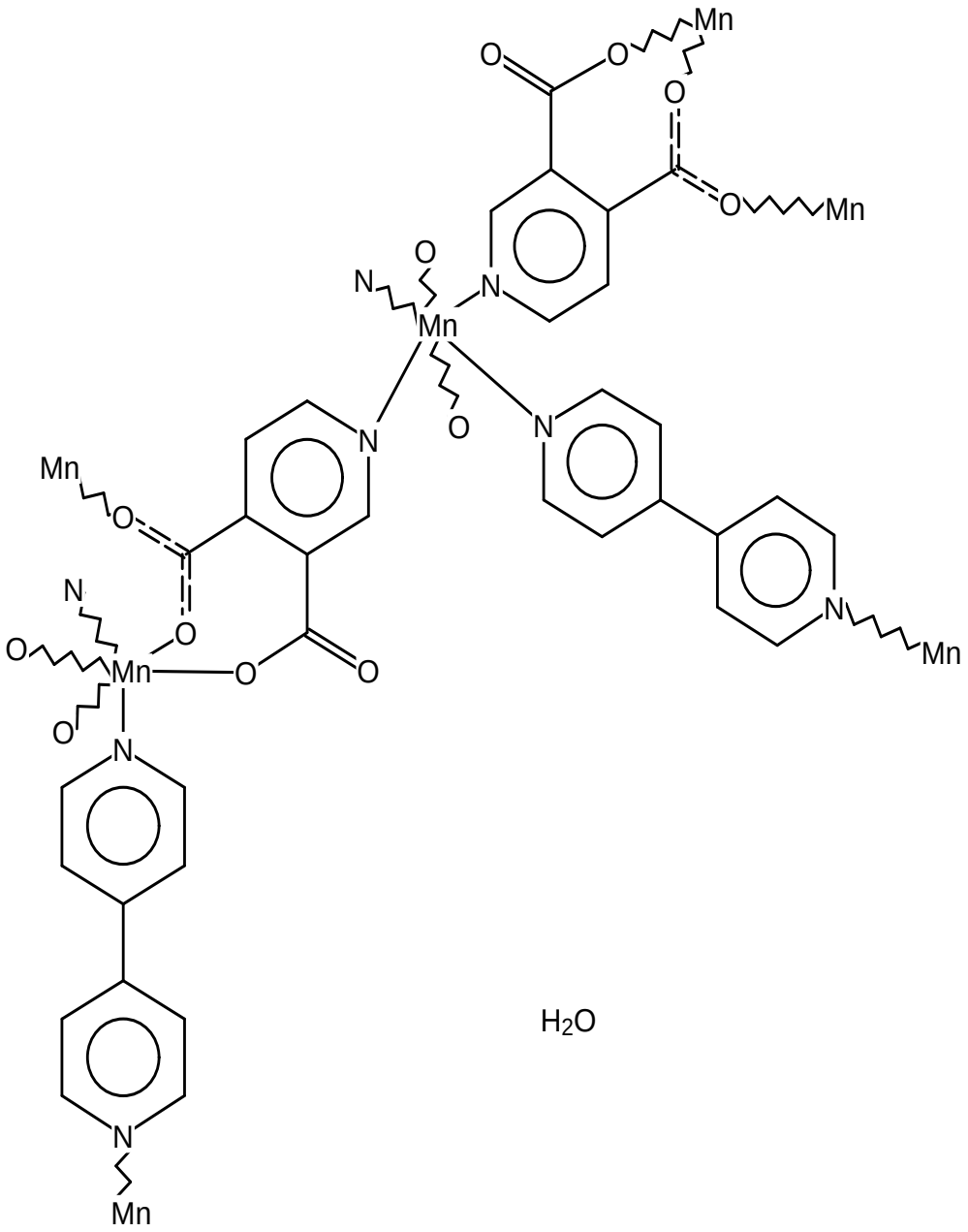
Reference: Quan-Zheng Zhang, Can-Zhong Lu, Chang-Kun Xia (2005) *Inorg.Chem.Commun.* ,**8,**304

Formula: $(C_{34}\ H_{22}\ Mn_2\ N_6\ O_8)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-pyridine-3,4-dicarboxylato)-bis(μ_2-4,4'-bipyridyl)-di-manganese dihydrate)

Space Group:	P3121	***Cell:***	***a***	11.438(0)	***b***	11.438(0)	***c*** 20.923(0)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.105



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 691

FIZBEV

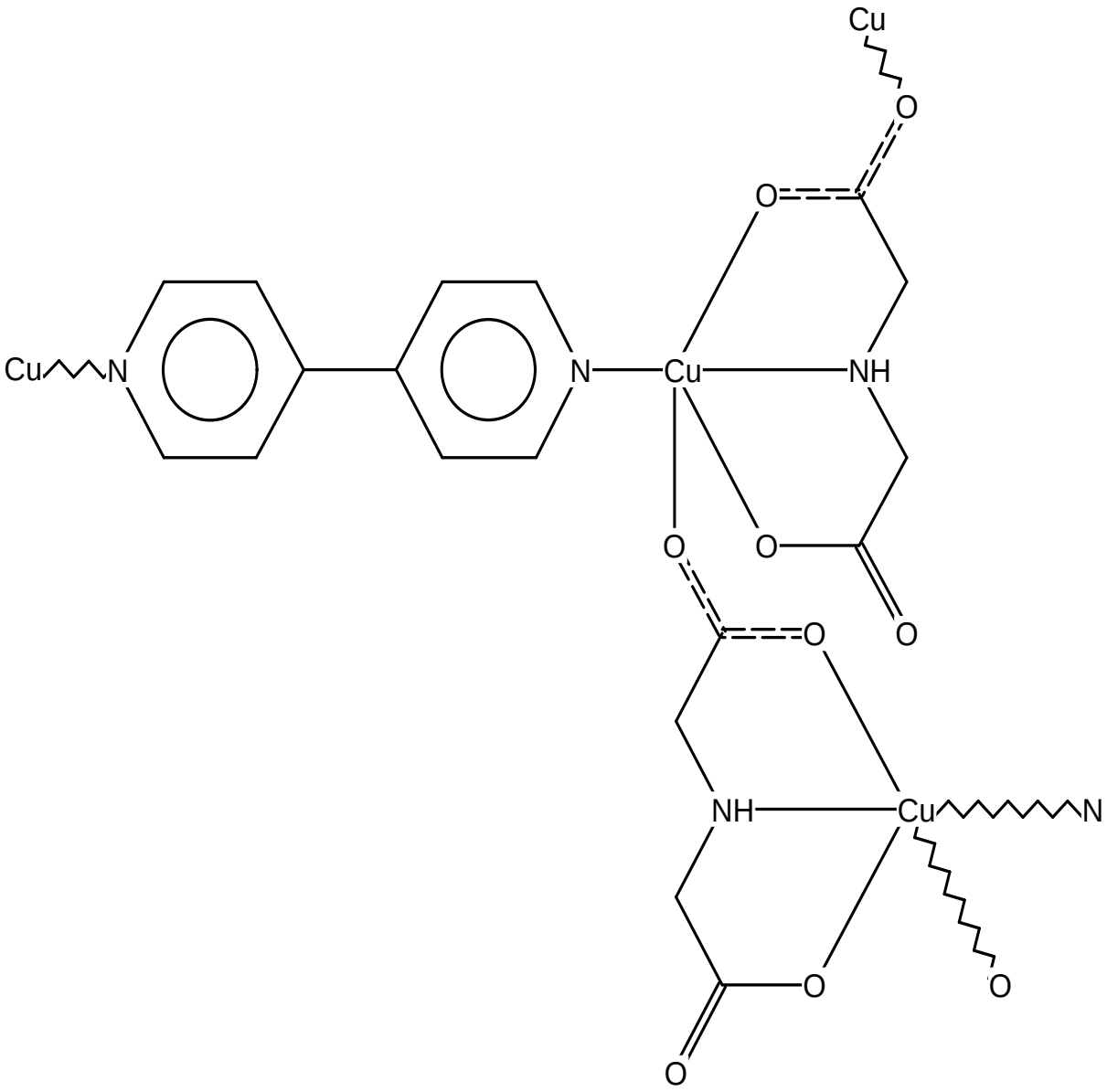
Reference: Xu Duanjun, Cheng Chaorong, Xu Yuanzhi, Zhou Kangjing (1987) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**6,**106

Formula: $(C_{18}\ H_{18}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-(μ_2-4,4'-Bipyridyl-N,N')-bis((iminodiacetato-O,O',O'')-copper(ii))

Space Group:	P21/c	***Cell:***	***a***	11.650(1)	***b***	7.994(1)	***c***	10.158(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.20(10)	γ	90.00

R-Factor (%): 4.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.935



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 692

FIZBEV01

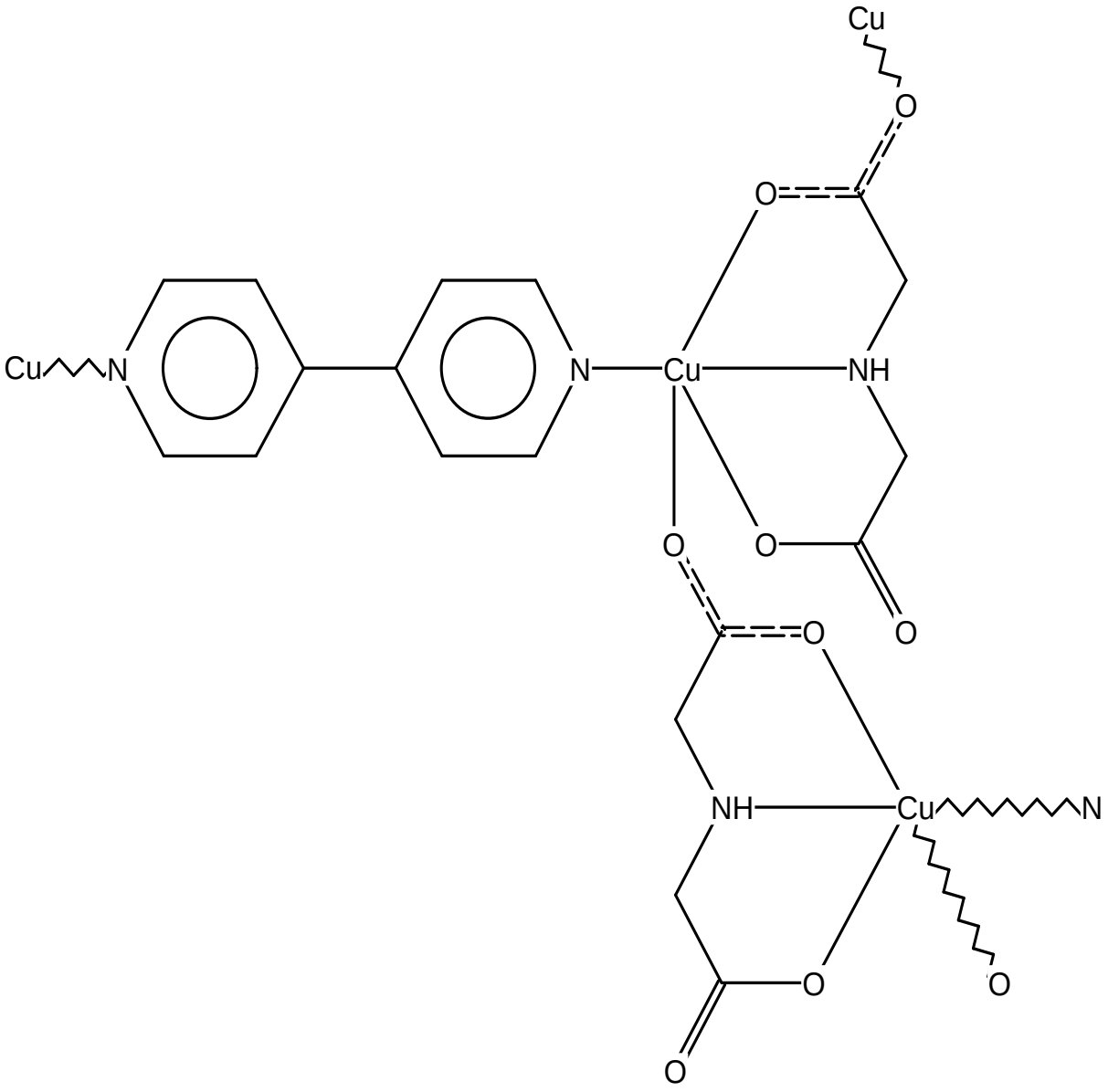
Reference: S.Mukhopadhyay, P.B.Chatterjee, D.Mandal, G.Mostafa, A.Caneschi, J.van Slageren, T.J.R.Weakley, M.Chaudhury (2004) *Inorg.Chem. ,***43,**3413

Formula: $(C_{18}\ H_{18}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-iminodiacetato)-copper(ii))

Space Group:	P21/a	***Cell:***	***a***	10.189(0)	***b***	8.001(1)	***c***	11.668(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.31(1)	γ	90.00

R-Factor (%): 2.80 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.925



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 693

FIZXES

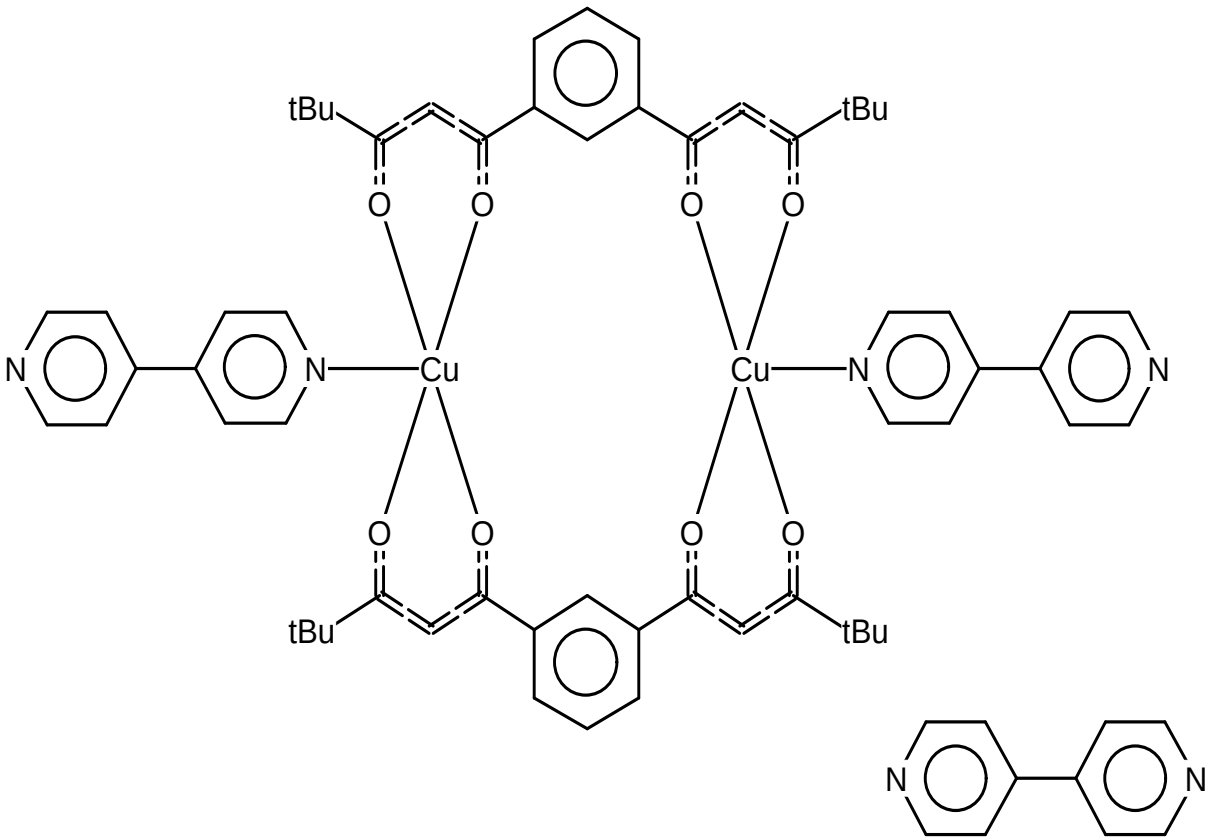
Reference: J.K.Clegg, L.F.Lindoy, J.C.McMurtrie, D.Schilter (2005)
Dalton Trans. ,857

Formula: $C_{60}\ H_{64}\ Cu_2\ N_4\ O_8$,2($C_{10}\ H_8\ N_2$)

Compound Name: bis(μ_2-1,1'-(1,3-Phenylene)-bis(4,4-dimethylpentane-1,3-dionato))-bis(4,4'-bipyridine-N)-di-copper(ii) 4,4'-bipyridine solvate

Space Group:	P21/c	***Cell:***	***a***	11.845(0)	***b***	11.763(0)	***c*** 25.345(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.33(0)	γ 90.00

R-Factor (%): 4.22 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.329



Search: search1 (Thu May 26 10:05:42 2011): Hit 694

FOBHAG

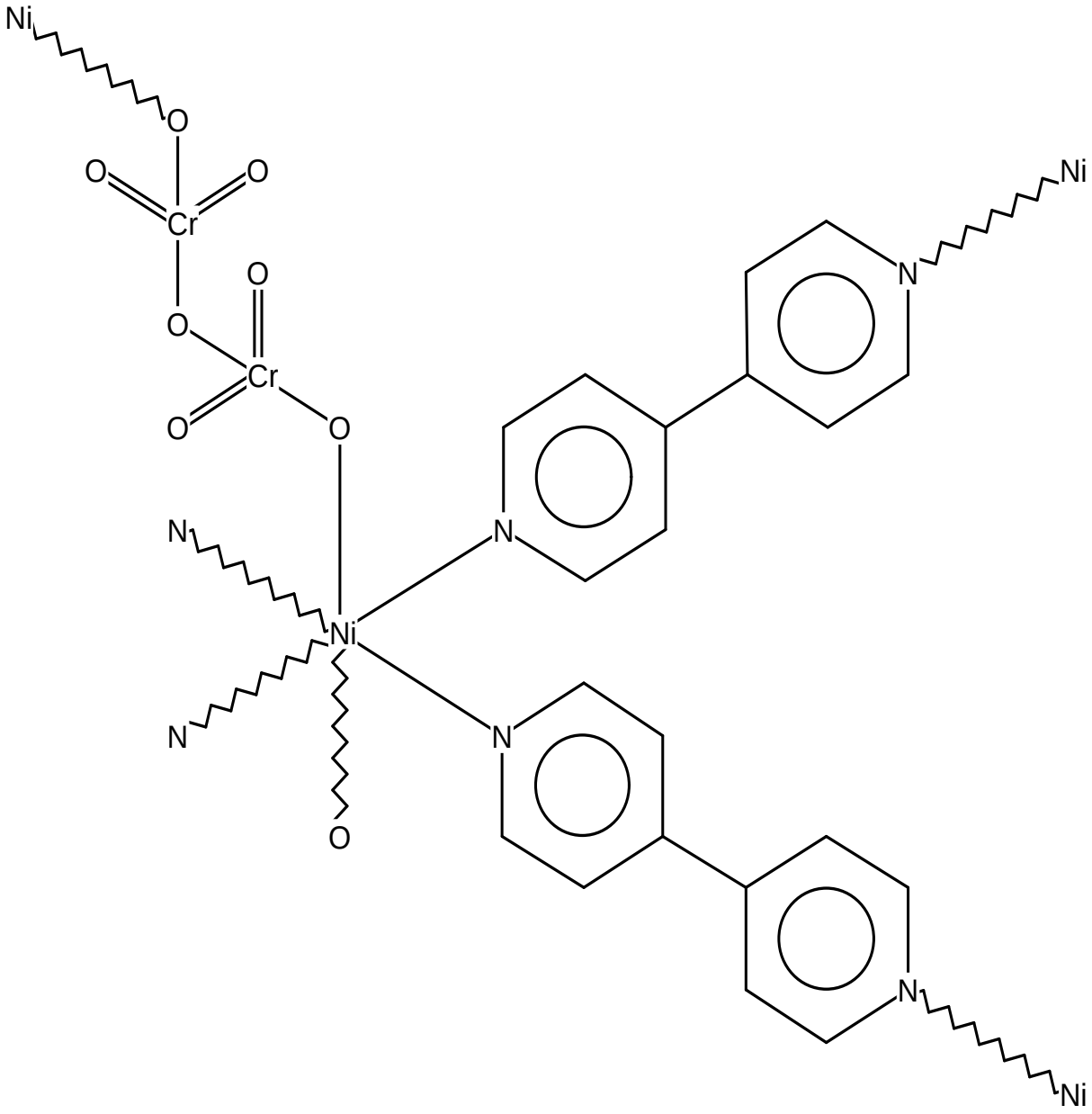
Reference: A.L.Kopf, P.A.Maggard, C.L.Stern, K.R.Poeppelmeier (2005) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***61,**m165

Formula: $(C_{20}\ H_{16}\ Cr_2\ N_4\ Ni_1\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-dichromato-O,O')-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	21.343(7)	***b*** 15.260(5)	***c***	16.658(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.09(0)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.802



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 695

FOBHEK

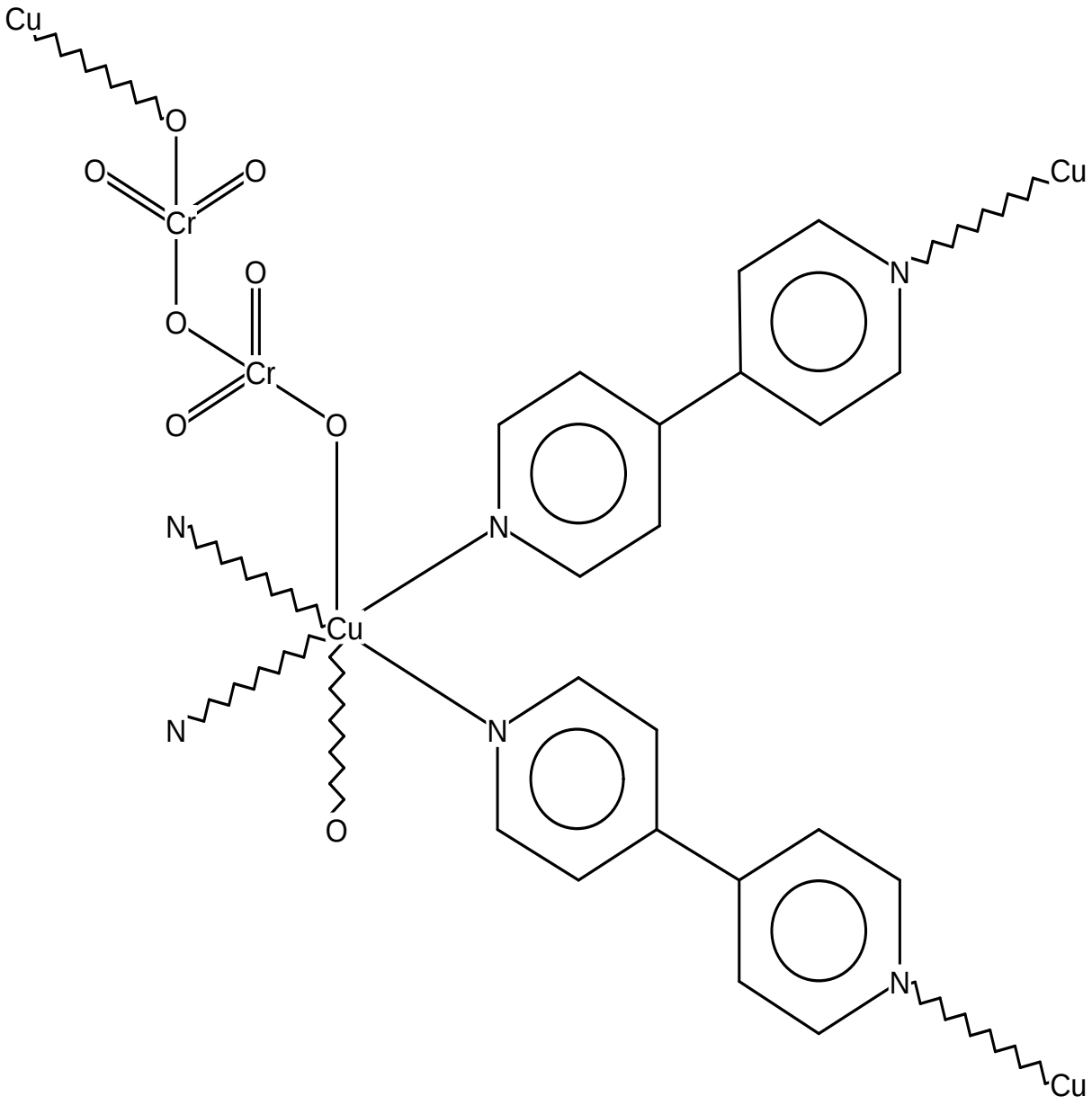
Reference: A.L.Kopf, P.A.Maggard, C.L.Stern, K.R.Poeppelmeier (2005) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***61,**m165

Formula: $(C_{20}\ H_{16}\ Cr_2\ Cu_1\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-dichromato-O,O')-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	21.603(3)	***b*** 14.851(1)	***c***	16.604(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.68(0)	γ	90.00

R-Factor (%): 3.08 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.817



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 696

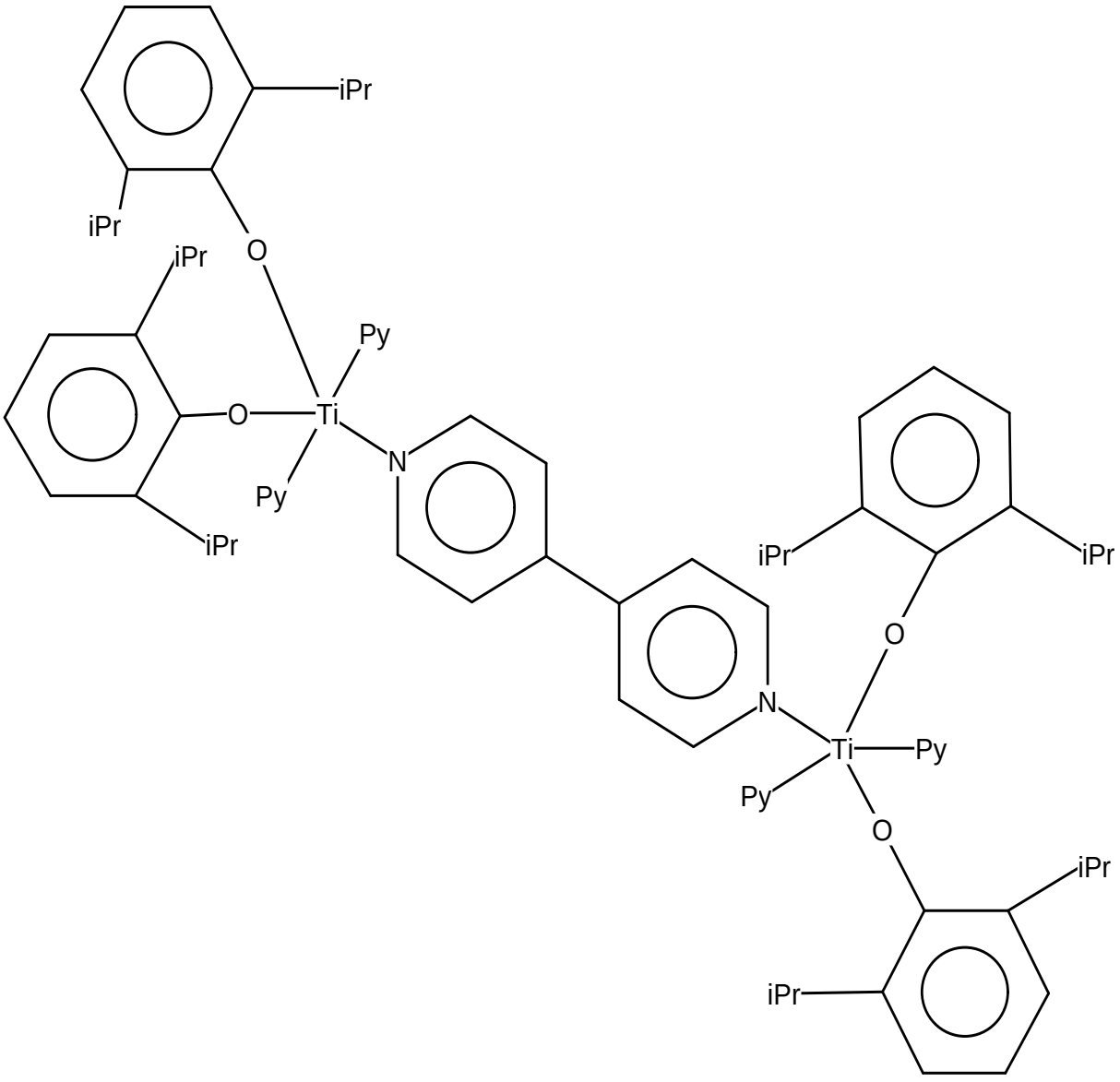
FODXEB

Reference: L.D.Durfee, P.E.Fanwick, I.P.Rothwell, K.Folting, J.C.Huffman (1987) *J.Am.Chem.Soc.* ,**109,**4720

Formula: $C_{78}\ H_{96}\ N_6\ O_4\ Ti_2$

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-bis(dipyridyl-bis(2,6-di-isopropylphenoxy)-titanium(iii))

Space Group:	P-1	***Cell:***	***a*** 14.557(7)	***b*** 13.155(7)	***c*** 11.507(6)
Space Group No.:	2	***(Å,°)***	α 101.83(2)	β 86.02(2)	γ 107.86(2)
R-Factor (%):	7.89	***Temperature(K):***	117	***Density(g/cm^3):***	1.033



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 697

FONVOT

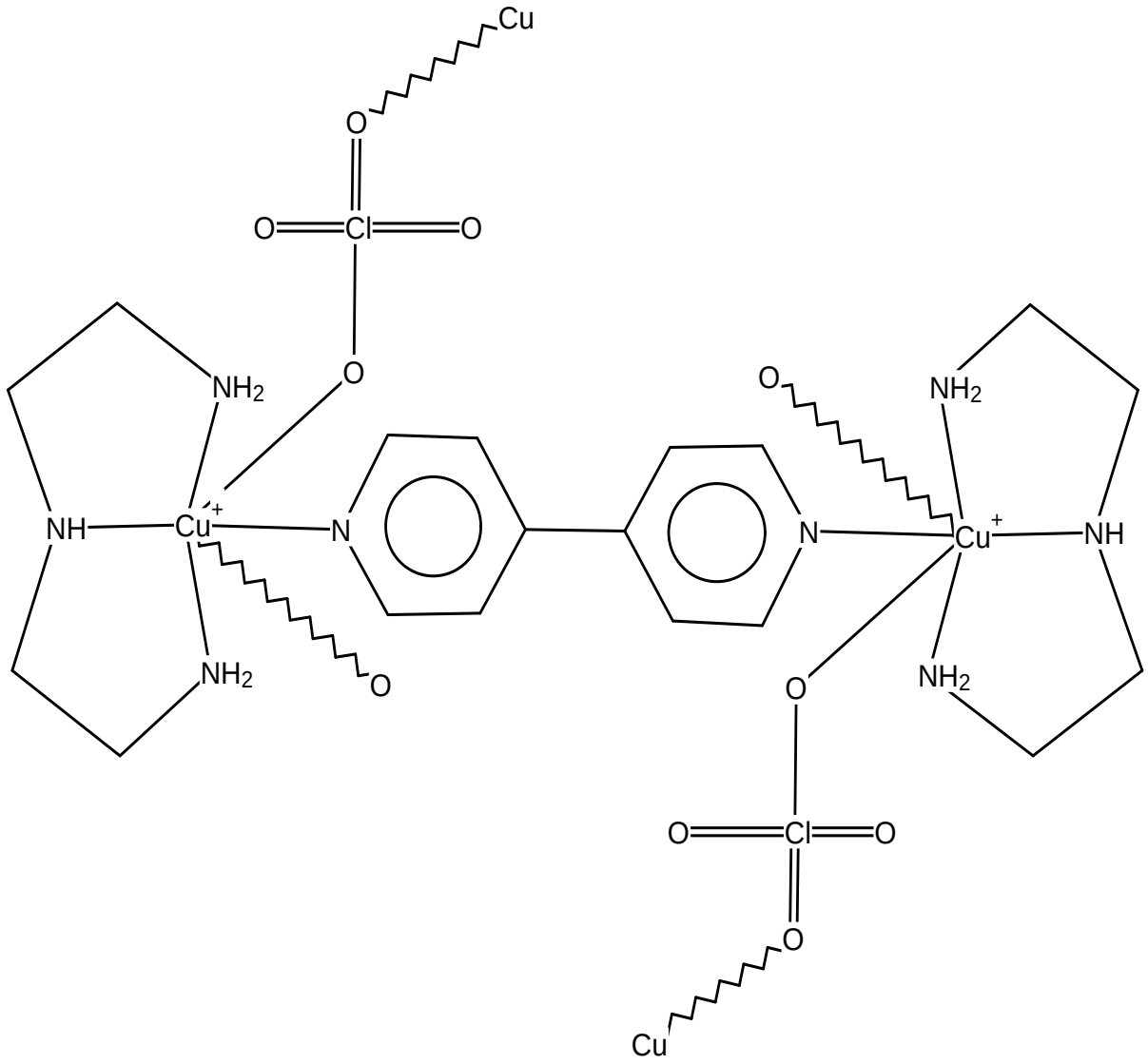
Reference: M.Julve, M.Verdaguer, J.Faus, F.Tinti, J.Moratal, A.Monge, E.Gutierrez-Puebla (1987) *Inorg.Chem. ,***26,**3520

Formula: $(C_{18}\ H_{34}\ Cl_2\ Cu_2\ N_8\ O_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(diethylenetriamine-N,N',N'')-bis(μ_2-perchlorato-O,O')-di-copper(ii) diperchlorate)

Space Group:	Pbca	***Cell:***	***a***	14.184(2)	***b***	14.414(2)	***c***	16.213(2)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.778



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 698

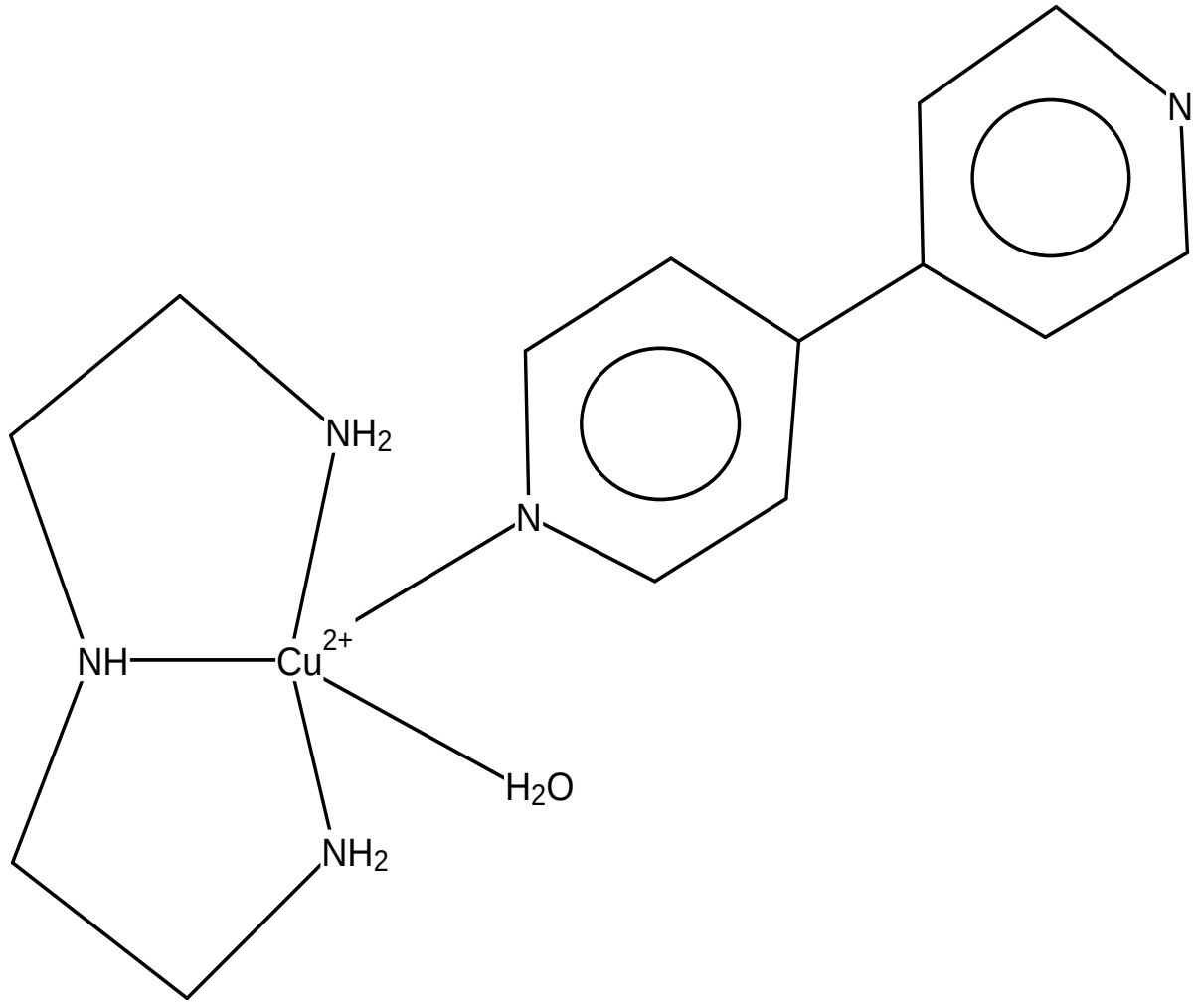
FONVUZ

Reference: M.Julve, M.Verdaguer, J.Faus, F.Tinti, J.Moratal, A.Monge, E.Gutierrez-Puebla (1987) *Inorg.Chem. ,***26,**3520

Formula: $C_{14}\ H_{23}\ Cu_1\ N_5\ O_1\ ^{2+},2(Cl_1\ O_4\ ^{1-})$

Compound Name: Aqua-(4,4'-bipyridine-N)-(diethylenetriamine-N,N',N'')-copper(ii) diperchlorate

Space Group:	P-1	***Cell:***	***a*** 16.221(4)	***b*** 10.270(3)	***c*** 6.795(8)
Space Group No.:	2	***(Å,°)***	α 105.53(5)	β 97.96(5)	γ 74.75(3)
R-Factor (%):	6.90	***Temperature(K):***	295	***Density(g/cm^3):***	1.708



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 699

FOPNEE

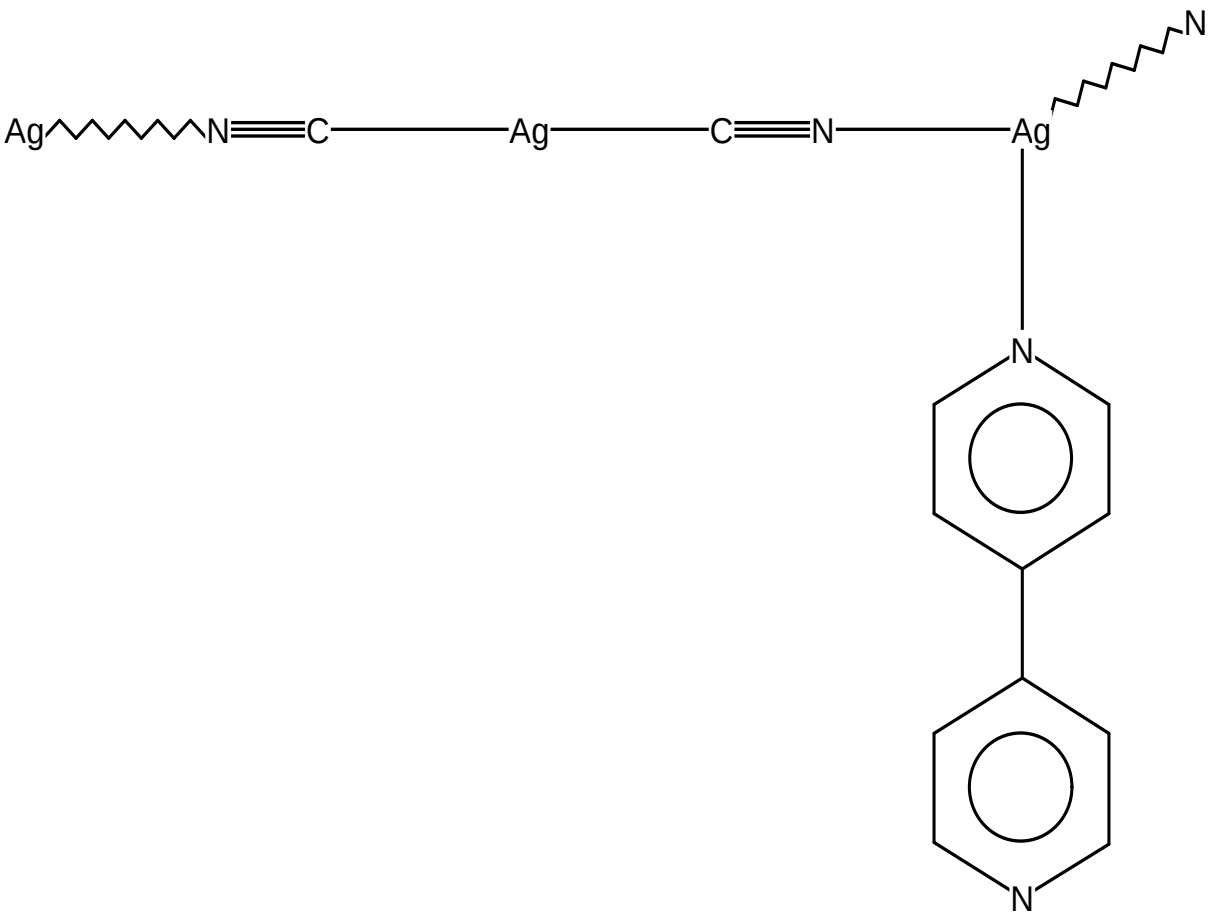
Reference: S.E.H.Etaiw, D.M.A.El-Aziz, A.S.B.El-Din (2009)
*Polyhedron ,***28,**873

Formula: $(C_{12}\ H_8\ Ag_2\ N_4)n$

Compound Name: catena-(bis(μ_2-cyano-C,N)-(4,4'-bipyridine)-di-silver(i))

Space Group:	P21/c	***Cell:***	***a***	9.056(0)	***b*** 16.006(0)	***c***	9.136(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.52(0)	γ	90.00

R-Factor (%): 3.50 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.270



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 700

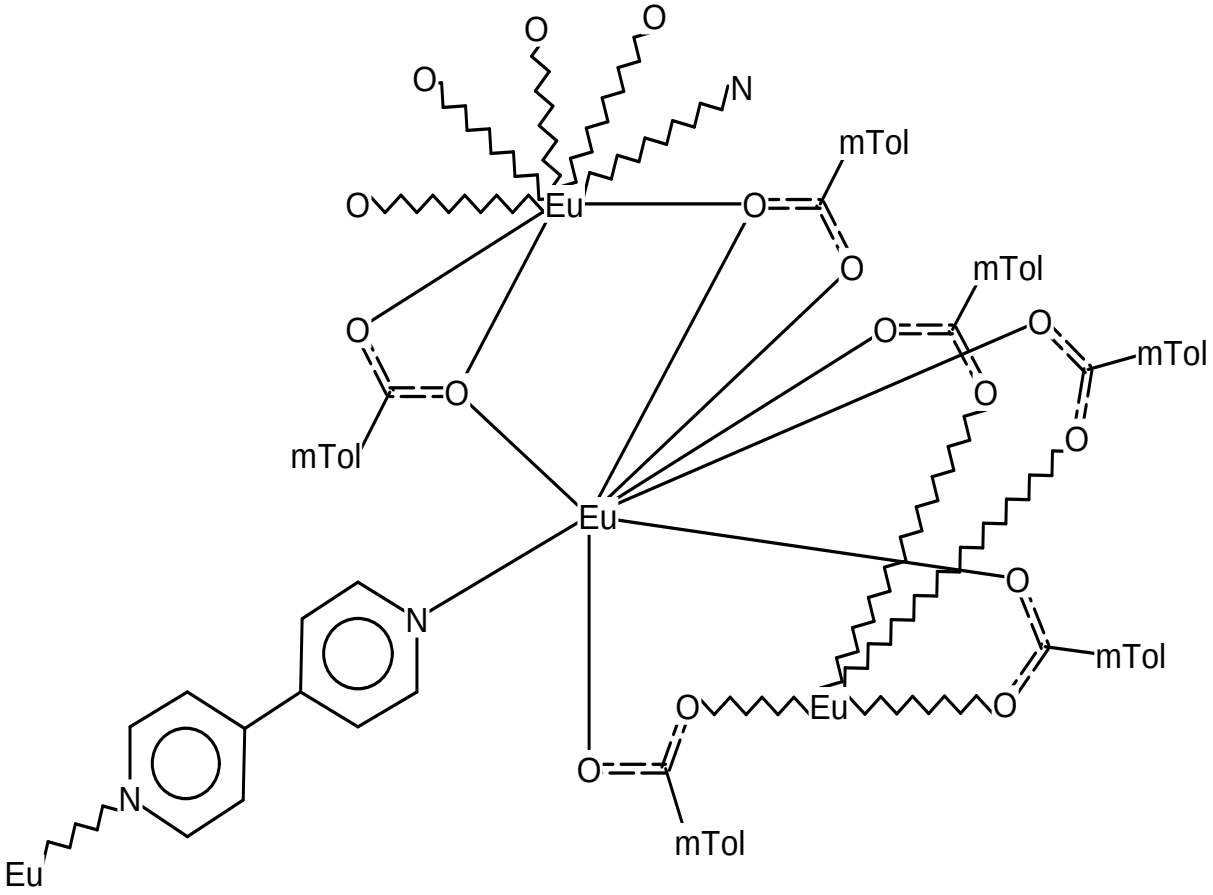
FOPVOW

Reference: Lingyan Zhao, Yiping Chen, Hanhui Zhang, Chaoyu Li, Ruiqing Sun, Qiyu Yang (2009) *J.Mol.Struct.* ,**920,**441

Formula: $(C_{58}\ H_{50}\ Eu_2\ N_2\ O_{12})n$

Compound Name: catena-(bis(μ_2-3-Methylbenzoato-O,O,O')-tetrakis(μ_2-3-methylbenzoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-di-europium)

Space Group:	P-1	***Cell:***	***a***	8.179(1)	***b***	12.952(3)	***c*** 12.968(3)
Space Group No.:	2	***(Å,°)***	α	94.40(0)	β	92.26(0)	γ 101.36(0)
R-Factor (%):	4.81	***Temperature(K):***	293	***Density(g/cm^3):***	1.574		



Search: search1 (Thu May 26 10:05:42 2011): Hit 701

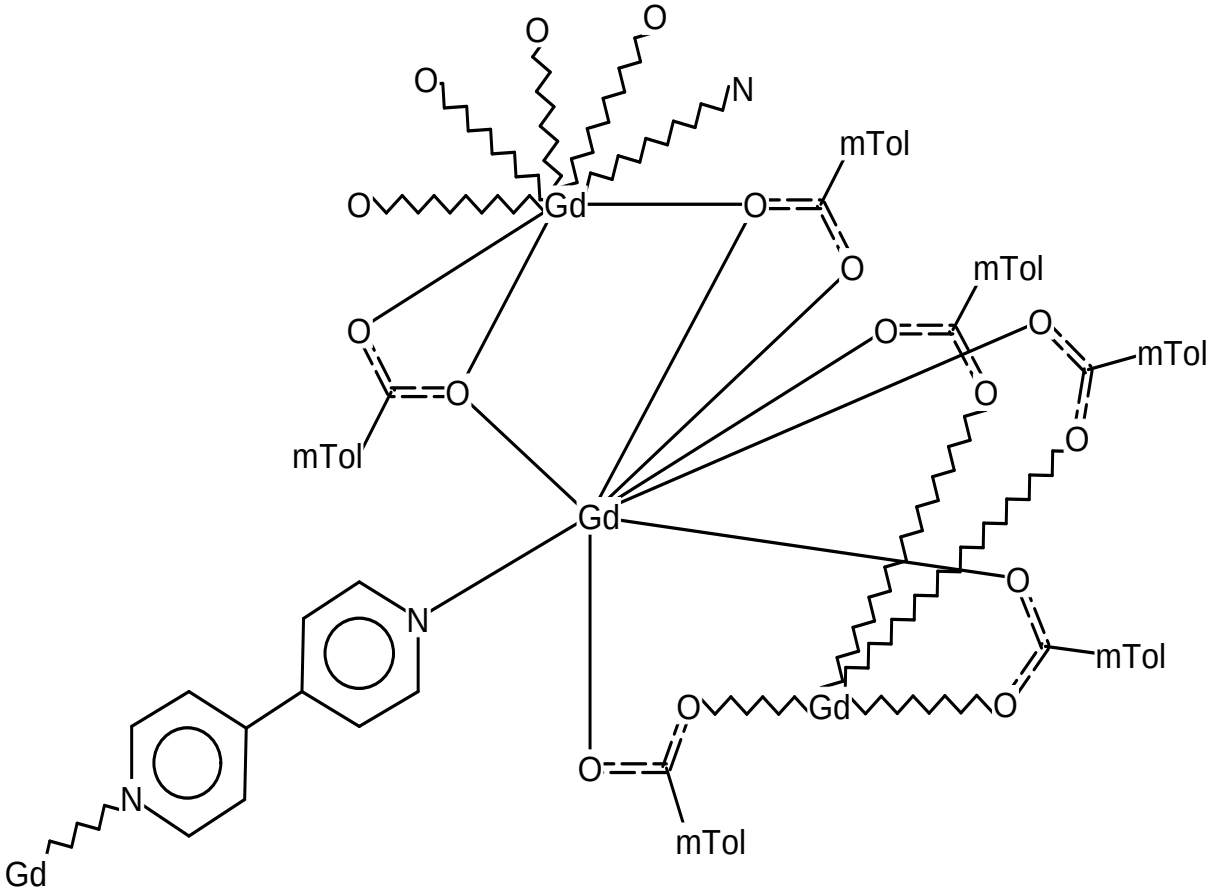
FOPVUC

Reference: Lingyan Zhao, Yiping Chen, Hanhui Zhang, Chaoyu Li, Ruiqing Sun, Qiyu Yang (2009) *J.Mol.Struct.* ,**920,**441

Formula: $(C_{58}\ H_{50}\ Gd_2\ N_2\ O_{12})n$

Compound Name: catena-(bis(μ_2-3-Methylbenzoato-O,O,O')-tetrakis(μ_2-3-methylbenzoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-di-gadolinium)

Space Group:	P-1	***Cell:***	***a***	8.170(1)	***b***	12.919(3)	***c*** 12.957(3)
Space Group No.:	2	***(Å,°)***	α	94.33(3)	β	92.60(3)	γ 100.98(3)
R-Factor (%):	2.94	***Temperature(K):***	293	***Density(g/cm^3):***	1.593		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 702

FOQNIJ

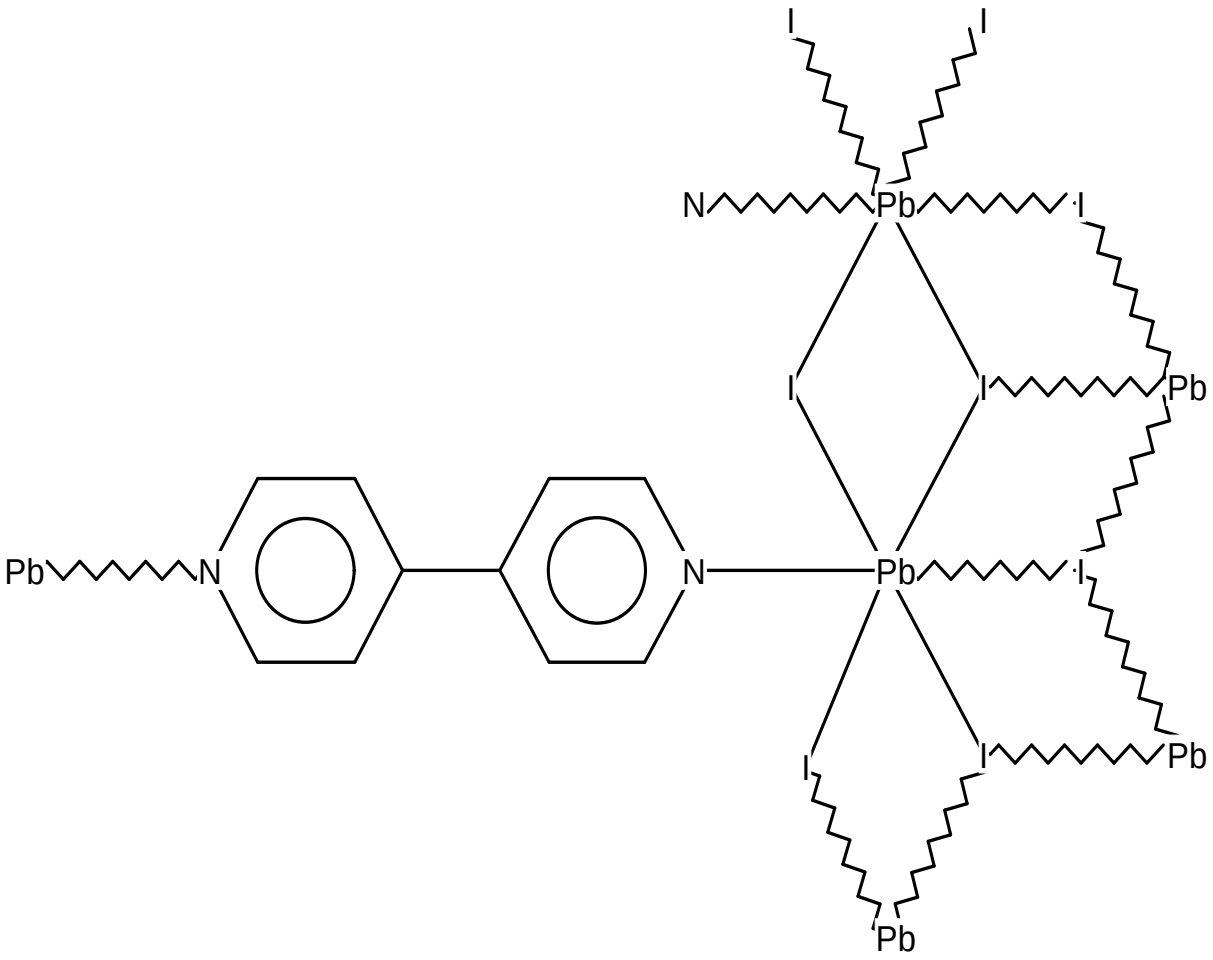
Reference: Hong-Xu Guo, Xi-Zhong Li, Wen Weng, Qing-Hua Wang, Wen-Bing Wu, Min Liang, Cai-Qing Zheng, Bin Li (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,**283

Formula: $(C_{10}\ H_8\ I_4\ N_2\ Pb_2)n$

Compound Name: catena-(bis(μ_3-Iodo)-bis(μ_2-iodo)-(μ_2-4,4'-bipyridine)-di-lead(ii))

Space Group:	P21/c	***Cell:***	***a***	4.469(0)	***b***	15.385(3)	***c***	14.136(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.75(3)	γ	90.00

R-Factor (%): 3.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.692



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 703

FOVKAD

Reference: Ling Chen (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m807

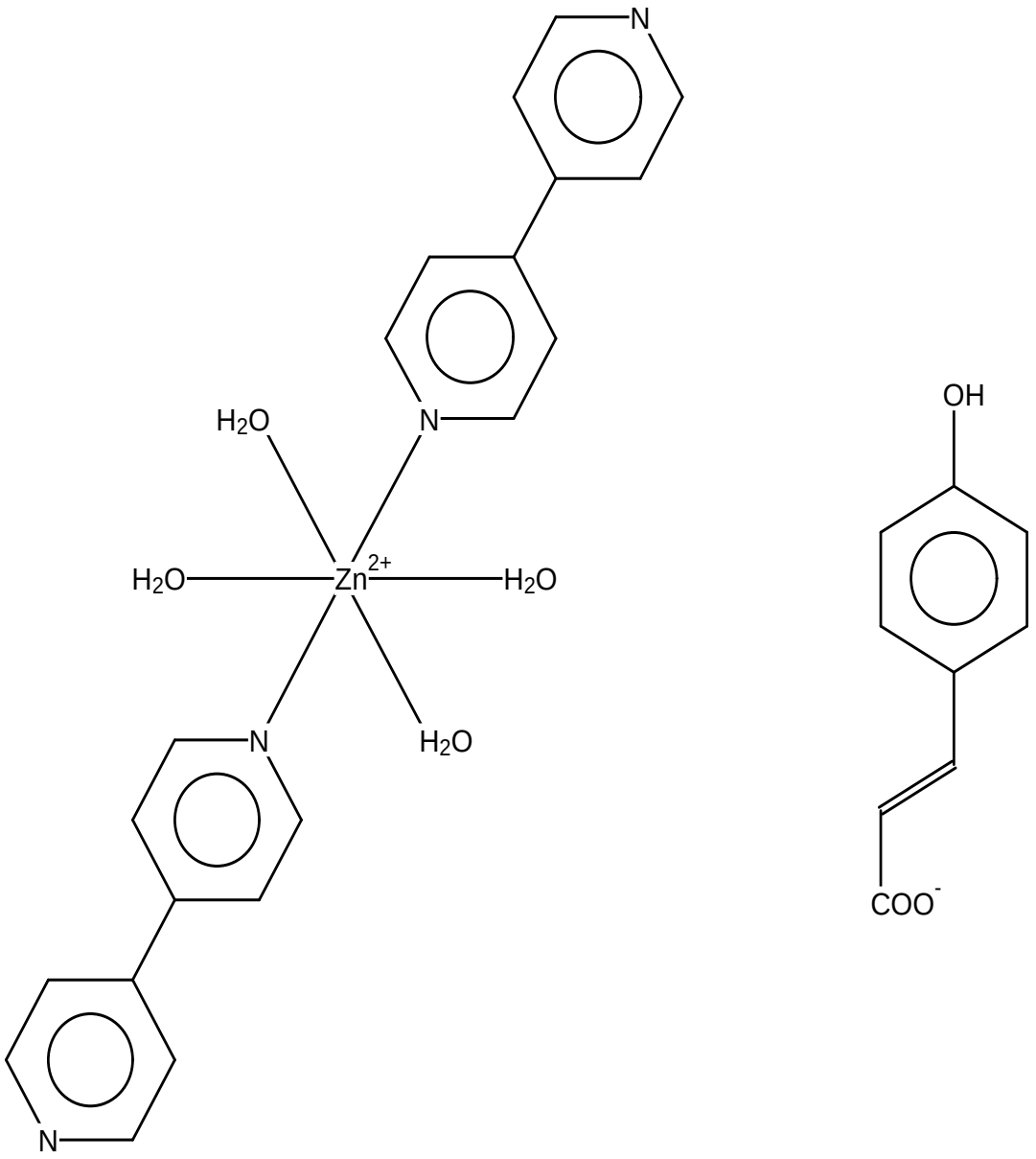
Formula: $C_{20}\,H_{24}\,N_4\,O_4\,Zn_1\,^{2+},2(C_9\,H_7\,O_3\,^{1-})$

Compound Name: Tetra-aqua-bis(4,4'-bipyridine)-zinc(ii) bis(trans-4-hydroxycinnamate)

Synonym: Tetra-aqua-bis(4,4'-bipyridine)-zinc(ii) bis(trans-3-(hydroxyphenyl) propenoate)

Space Group:	P-1	***Cell:***	***a***	7.088(0)	***b***	7.397(0)	***c*** 17.252(1)
Space Group No.:	2	***(Å,°)***	α	86.97(0)	β	83.87(0)	γ 81.94(0)

R-Factor (%): 2.87 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.448



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 704

FOWGAA

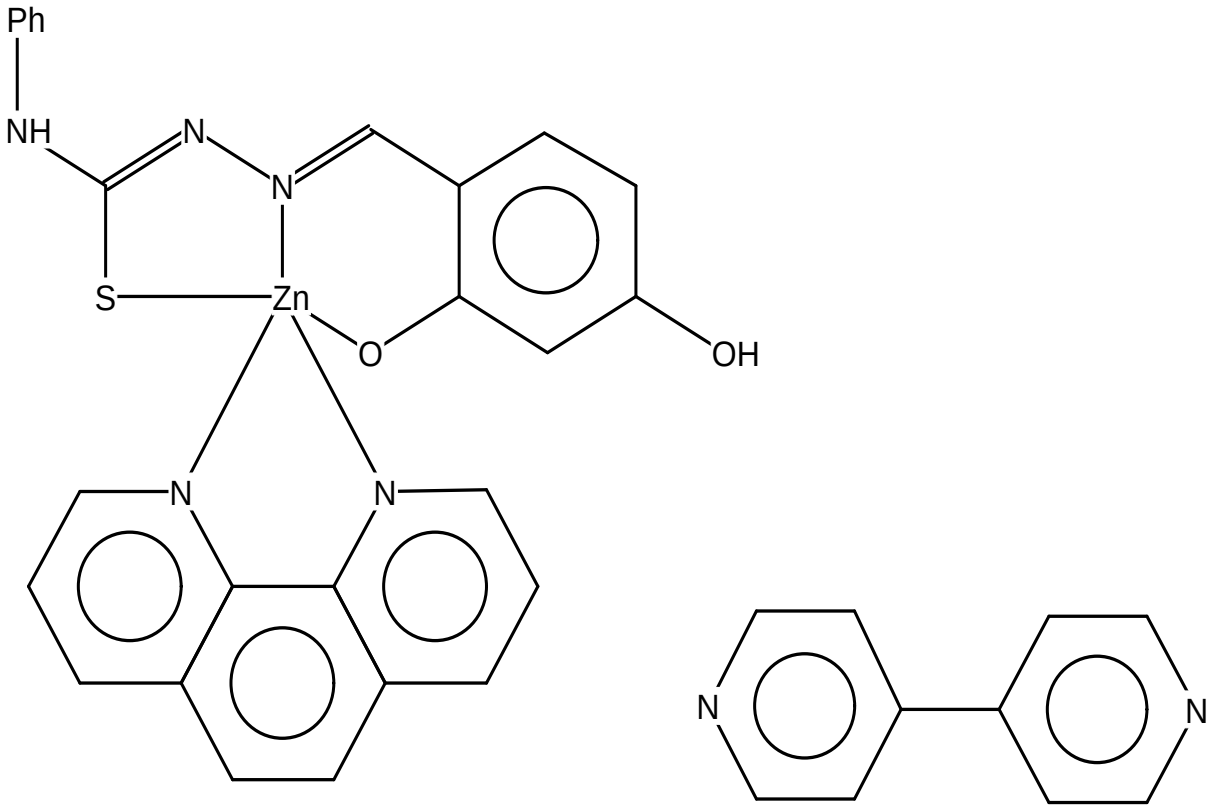
Reference: K.W.Tan, C.H.Ng, M.J.Maah, S.W.Ng (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m920

Formula: $C_{26}\ H_{19}\ N_5\ O_2\ S_1\ Zn_1,0.5(C_{10}\ H_8\ N_2)$

Compound Name: (1-(4-Hydroxy-2-oxidobenzylidene)-4-phenylthiosemicarbazonato-N,O,S)
-(1,10-phenanthroline-N,N')-zinc(ii) hemikis(4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	11.637(0)	***b***	9.838(0)	***c*** 23.288(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.42(0)	γ 90.00

R-Factor (%): 4.70 ***Temperature(K):*** 140 ***Density(g/cm^3):*** 1.519



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 705

FOZSOD

Reference: Jian-Jun Zhang, C.S.Day, M.D.Harvey, G.T.Yee, A.Lachgar (2009) *Cryst.Growth Des. ,***9,**1020

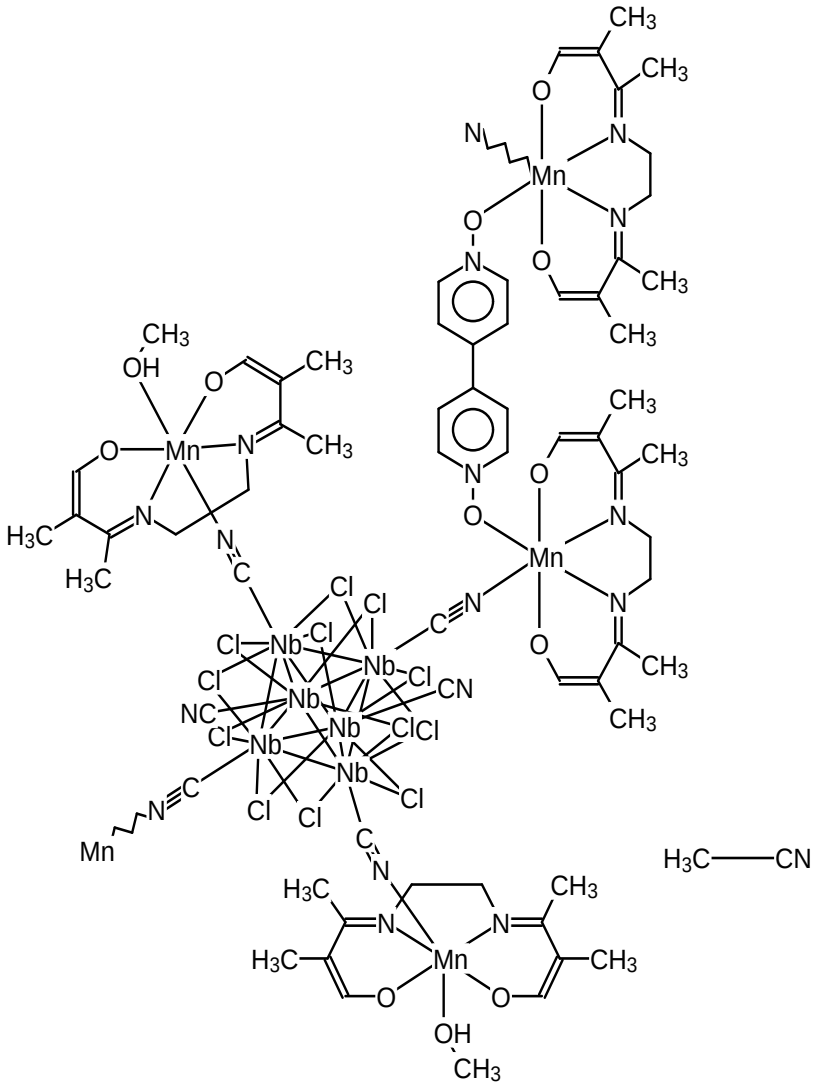
Formula: $(C_{66}\ H_{88}\ Cl_{12}\ Mn_4\ N_{16}\ Nb_6\ O_{12})n,2n(C_2\ H_3\ N_1)$

Compound Name: catena-(dodecakis(μ_2-chloro)-tetrakis(μ_2-cyano)-(μ_2-4,4'-bipyridyl-N,N'-dioxide)-tetrakis(3,3'-(ethane-1,2-diyldinitrilo)bis(2-methylbut-1-en-1-olato))-dicyano-dimethanol-tetra-manganese(iii)-hexa-niobium acetonitrile solvate)

Synonym: catena-(dodecakis(μ_2-chloro)-tetrakis(μ_2-cyano)-(μ_2-4,4'-bipyridyl-N,N'-dioxide)-tetrakis(bis(acetylacetonato)ethylenediamine)-dicyano-dimethanol-tetra-manganese(iii)-hexa-niobium acetonitrile solvate)

Space Group:	P-1	***Cell:***	***a***	12.657(5)	***b***	13.451(5)	***c*** 14.998(5)
Space Group No.:	2	***(Å,°)***	α	76.08(0)	β	74.19(0)	γ 85.69(0)

R-Factor (%): 4.08 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.798



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 706

FOZSUJ

Reference: Jian-Jun Zhang, C.S.Day, M.D.Harvey, G.T.Yee, A.Lachgar (2009) *Cryst.Growth Des.* ,**9,**1020

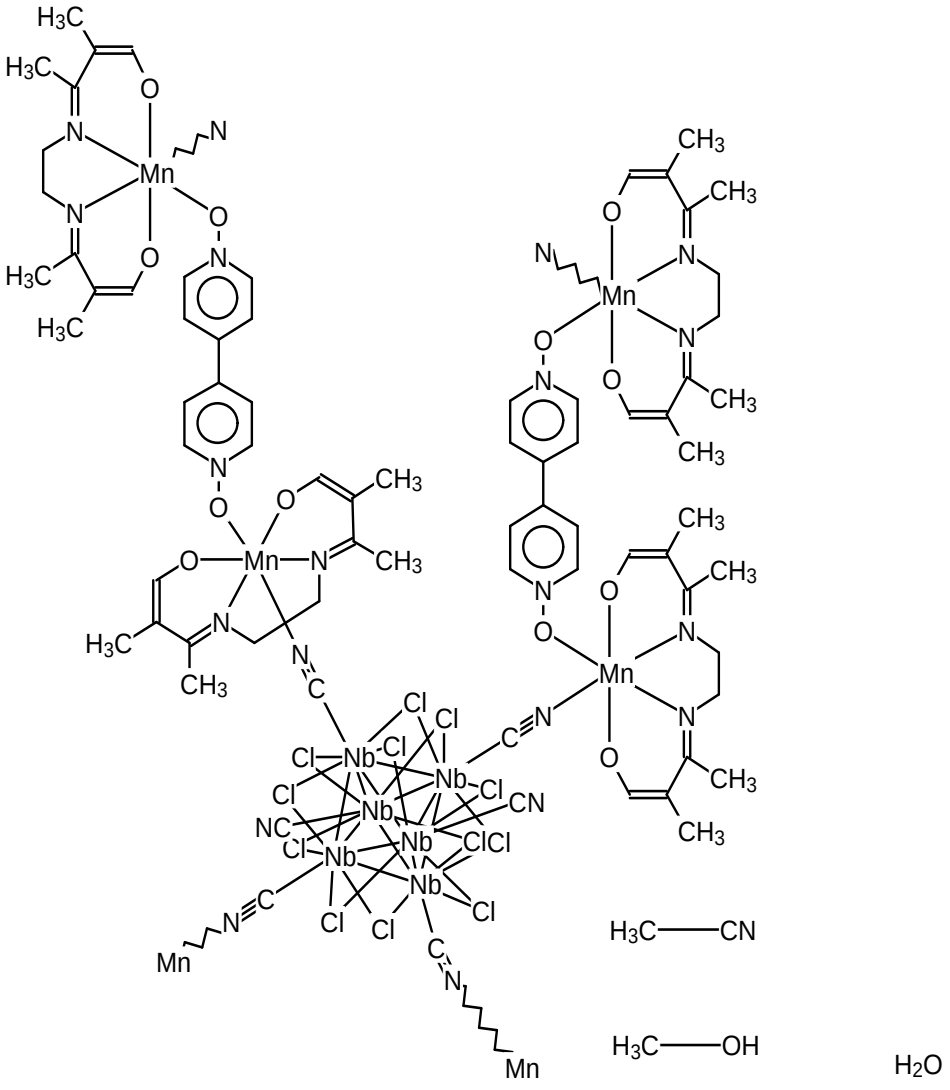
Formula: $(C_{74}\ H_{88}\ Cl_{12}\ Mn_4\ N_{18}\ Nb_6\ O_{12})n,n(C_2\ H_3\ N_1),2n(C_1\ H_4\ O_1),3.5n(H_2\ O_1)$

Compound Name: catena-(dodecakis(μ_2-chloro)-tetrakis(μ_2-cyano)-bis(μ_2-4,4'-bipyridyl-N,N'-dioxide)-tetrakis(3,3'-(ethane-1,2-diyldinitrilo)bis(2-methylbut-1-en-1-olato))-dicyano-tetra-manganese(iii)-hexa-niobium acetonitrile methanol solvate hydrate)

Synonym: catena-(dodecakis(μ_2-chloro)-tetrakis(μ_2-cyano)-bis(μ_2-4,4'-bipyridyl-N,N'-dioxide)-tetrakis(bis(acetylacetonato)ethylenediamine)-dicyano-tetra-manganese(iii)-hexa-niobium acetonitrile methanol solvate hydrate)

Space Group:	P2/c	***Cell:***	***a***	16.700(6)	***b***	12.755(5)	***c***	26.601(10)
Space Group No.:	13	***(Å,°)***	α	90.00	β	91.56(0)	γ	90.00

R-Factor (%): 4.71 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.637



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 707

FUCRAW

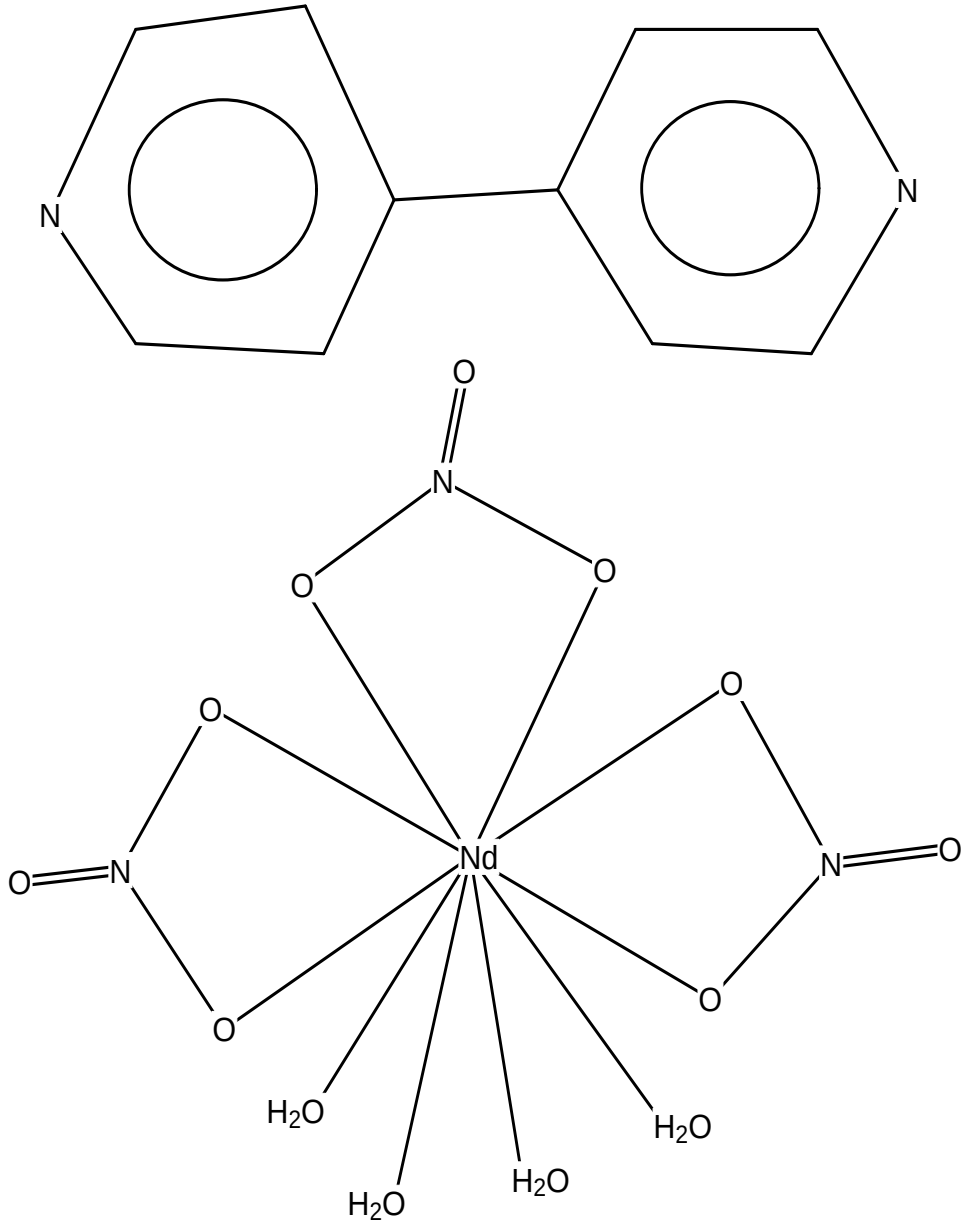
Reference: K.T.Al-Rasoul, M.G.B.Drew (1987)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***43,**2081

Formula: $2(C_{10}\ H_8\ N_2),H_8\ N_3\ Nd_1\ O_{13},H_2\ O_1$

Compound Name: bis(4,4'-Bipyridyl) tetra-aqua-tris(nitrato-O,O')-neodymium monohydrate

Space Group:	P212121	***Cell:***	***a***	7.137(7)	***b***	15.954(14)	***c***	24.688(27)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.40	***Temperature(K):***	295	***Density(g/cm^3):***	1.731



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 708

FUFMAV

Reference: Fu-Ping Huang, Hai-Ye Li, Jin-Lei Tian, Wen Gu, Yi-Min Jiang, Shi-Ping Yan, Dai-Zheng Liao (2009) *Cryst.Growth Des.* , **9,**3191

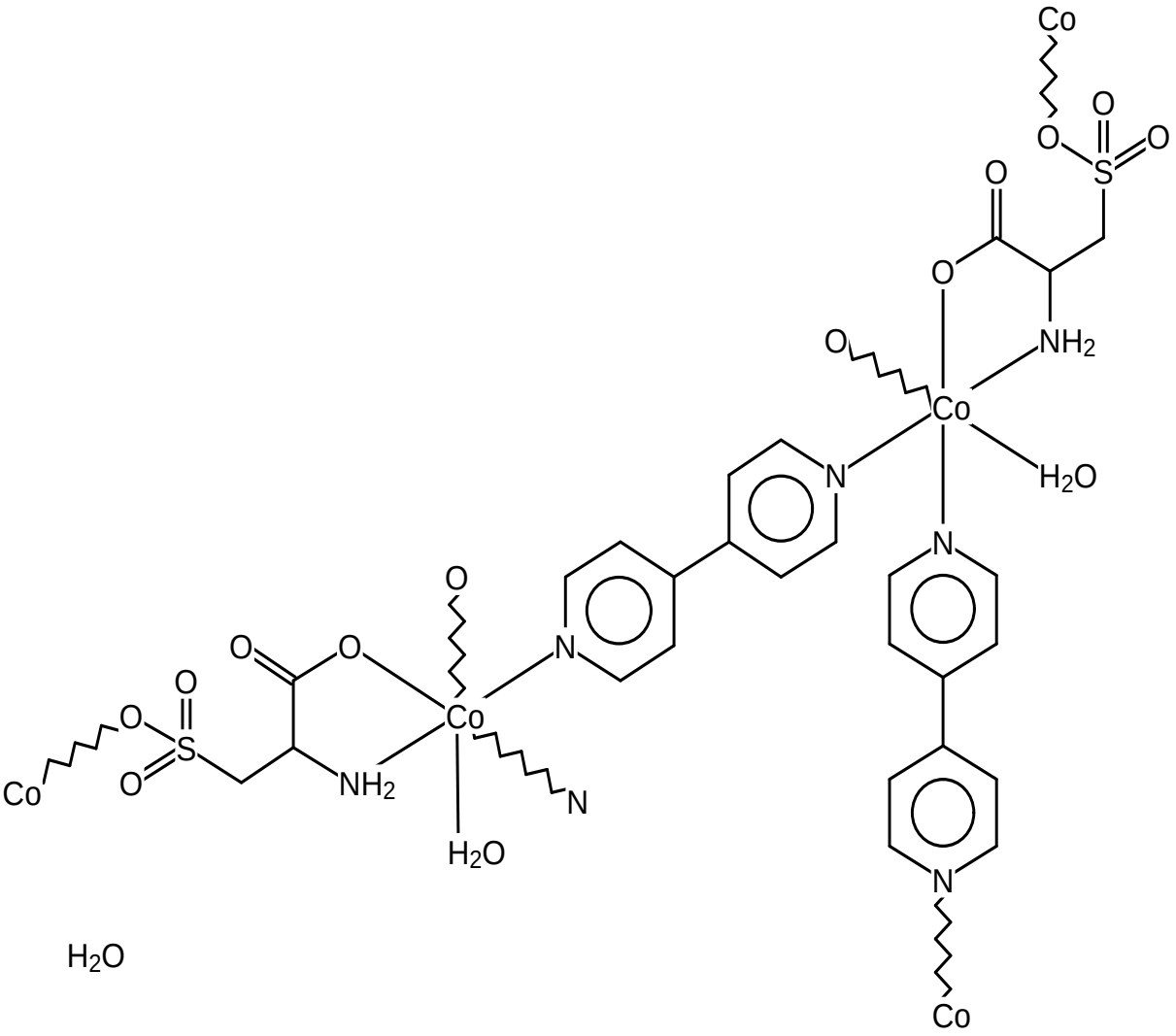
Formula: $(C_{26}\ H_{30}\ Co_2\ N_6\ O_{12}\ S_2)n,3n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-3-sulfonato-2-aminopropanoato)-diaqua-di-cobalt(ii) trihydrate]

Synonym: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-cysteato)-diaqua-di-cobalt(ii) trihydrate]

Space Group:	Pbca	***Cell:***	***a***	19.244(3)	***b***	18.468(3)	***c***	19.444(3)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.90 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.643



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 709

FUFQIH

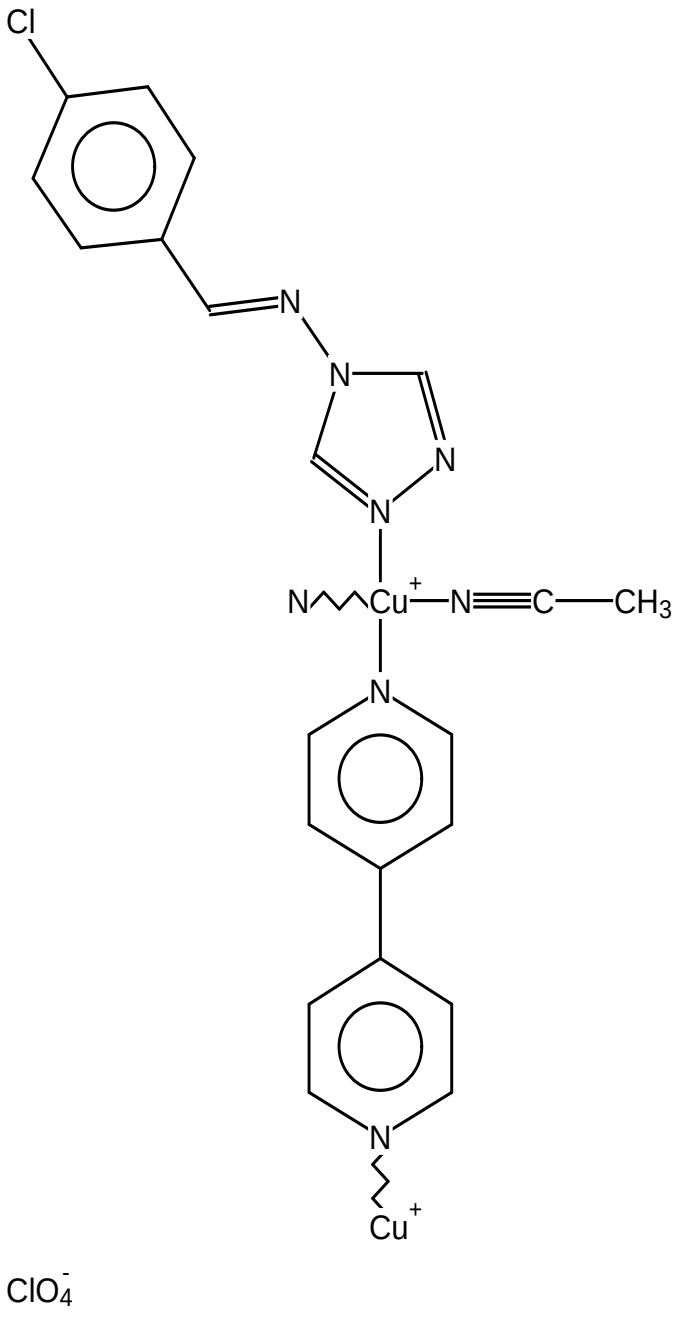
Reference: K.Drabent, Z.Ciunik (2009) *Cryst.Growth Des.* ,**9,**3367

Formula: $(C_{21}\ H_{18}\ Cl_1\ Cu_1\ N_7\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(acetonitrile-N)-(N-[(4-chlorophenyl) methylidene]-4H-1,2,4-triazol-4-amine-N)-copper(i) perchlorate)

Space Group:	Pbcn	***Cell:***	***a***	11.229(2)	***b***	13.050(3)	***c***	31.854(6)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.48 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.613



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 710

FUFQON

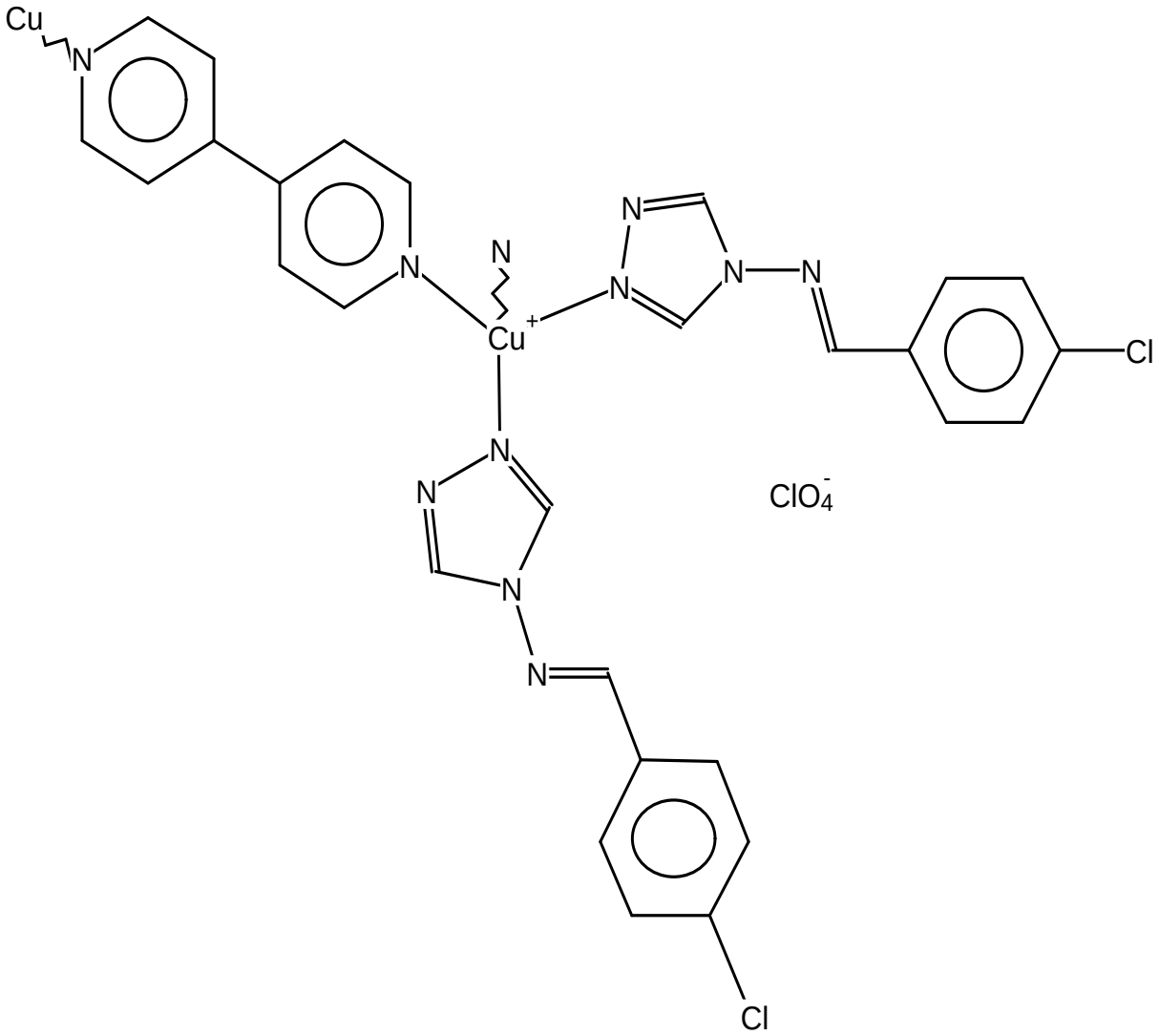
Reference: K.Drabent, Z.Ciunik (2009) *Cryst.Growth Des.* ,**9,**3367

Formula: $(C_{28}\ H_{22}\ Cl_2\ Cu_1\ N_{10}\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(N-((4-chlorophenyl)methylidene)-4H-1,2,4-triazol-4-amine-N')-copper(i) perchlorate)

Space Group:	C2/c	***Cell:***	***a***	14.545(6)	***b*** 28.780(10)	***c***	8.028(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 113.22(3)	γ	90.00

R-Factor (%): 7.88 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.575



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 711

FUJBAO

Reference: Fu-Ping Huang, Hai-Ye Li, Jin-Lei Tian, Wen Gu, Yi-Min Jiang, Shi-Ping Yan, Dai-Zheng Liao (2009) *Cryst.Growth Des.* , **9,**3191

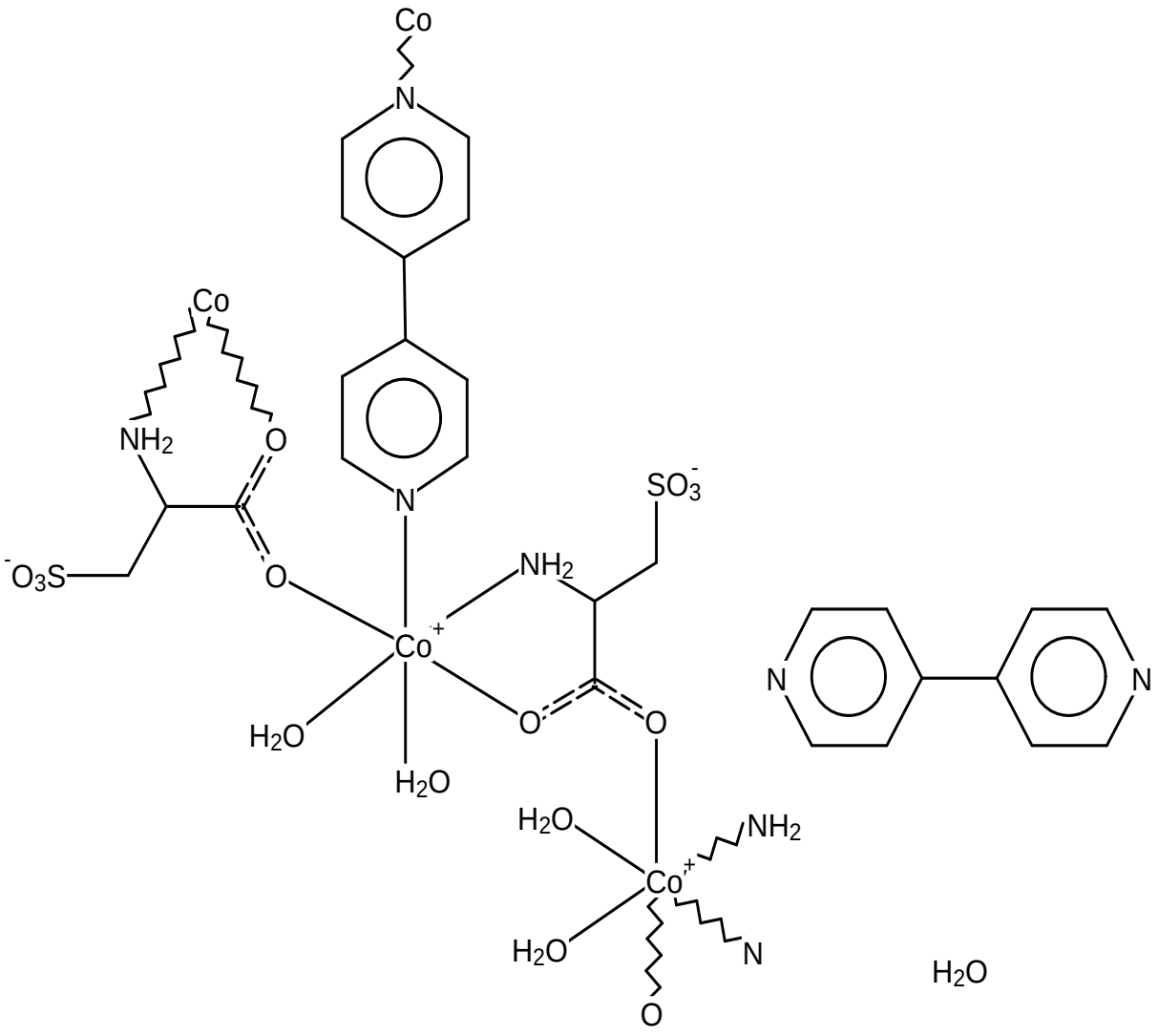
Formula: $(C_{16}\ H_{26}\ Co_2\ N_4\ O_{14}\ S_2)n,n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(μ_2-3-sulfonato-2-aminopropanoato)-triaqua-di-cobalt(ii) 4,4'-bipyridine monohydrate clathrate]

Synonym: catena-[(μ_2-4,4'-Bipyridyl)-bis(μ_2-cysteato)-triaqua-di-cobalt(ii) 4,4'-bipyridine monohydrate clathrate]

Space Group:	P1	***Cell:***	***a***	7.563(1)	***b***	10.079(1)	***c*** 13.163(2)
Space Group No.:	1	***(Å,°)***	α	69.37(0)	β	81.23(0)	γ 69.13(0)

R-Factor (%): 2.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.618



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 712

FURVEU

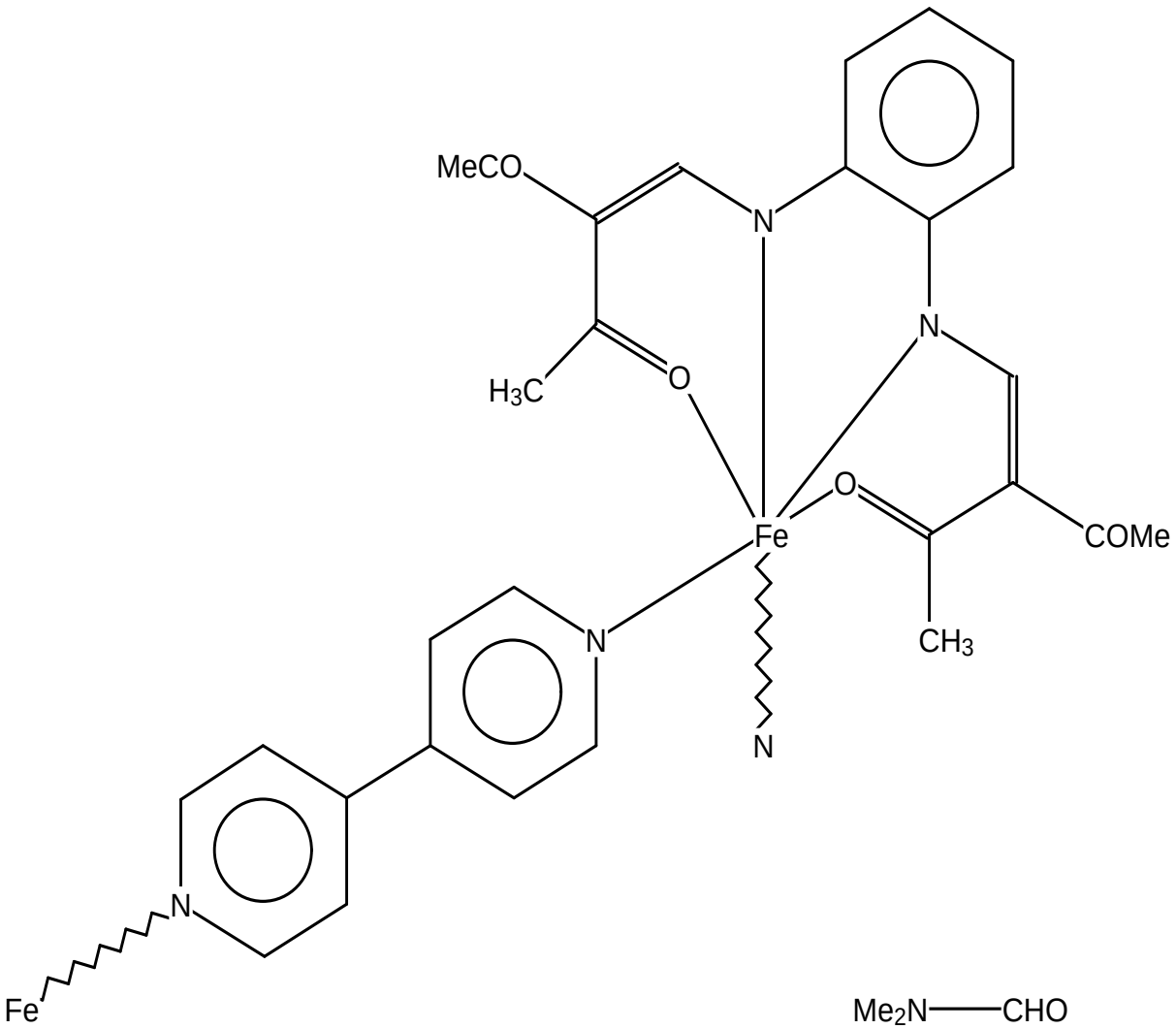
Reference: W.Bauer, B.Weber (2009) *Inorg.Chim.Acta* ,**362,**2341

Formula: $(C_{28}\ H_{26}\ Fe_1\ N_4\ O_4)n,0.5n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N^1,$N^{1'}$)-(3,3'-(1,2-phenylenebis(iminomethylidene))-bis(2,4-pentanedionato))-iron(ii) N,N-dimethylformamide solvate)

Space Group:	P-1	***Cell:***	***a***	11.697(0)	***b***	11.913(0)	***c***	19.573(1)
Space Group No.:	2	***(Å,°)***	α	82.53(0)	β	86.11(0)	γ	89.77(0)

R-Factor (%): 6.33 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.415



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 713

FUTKEL

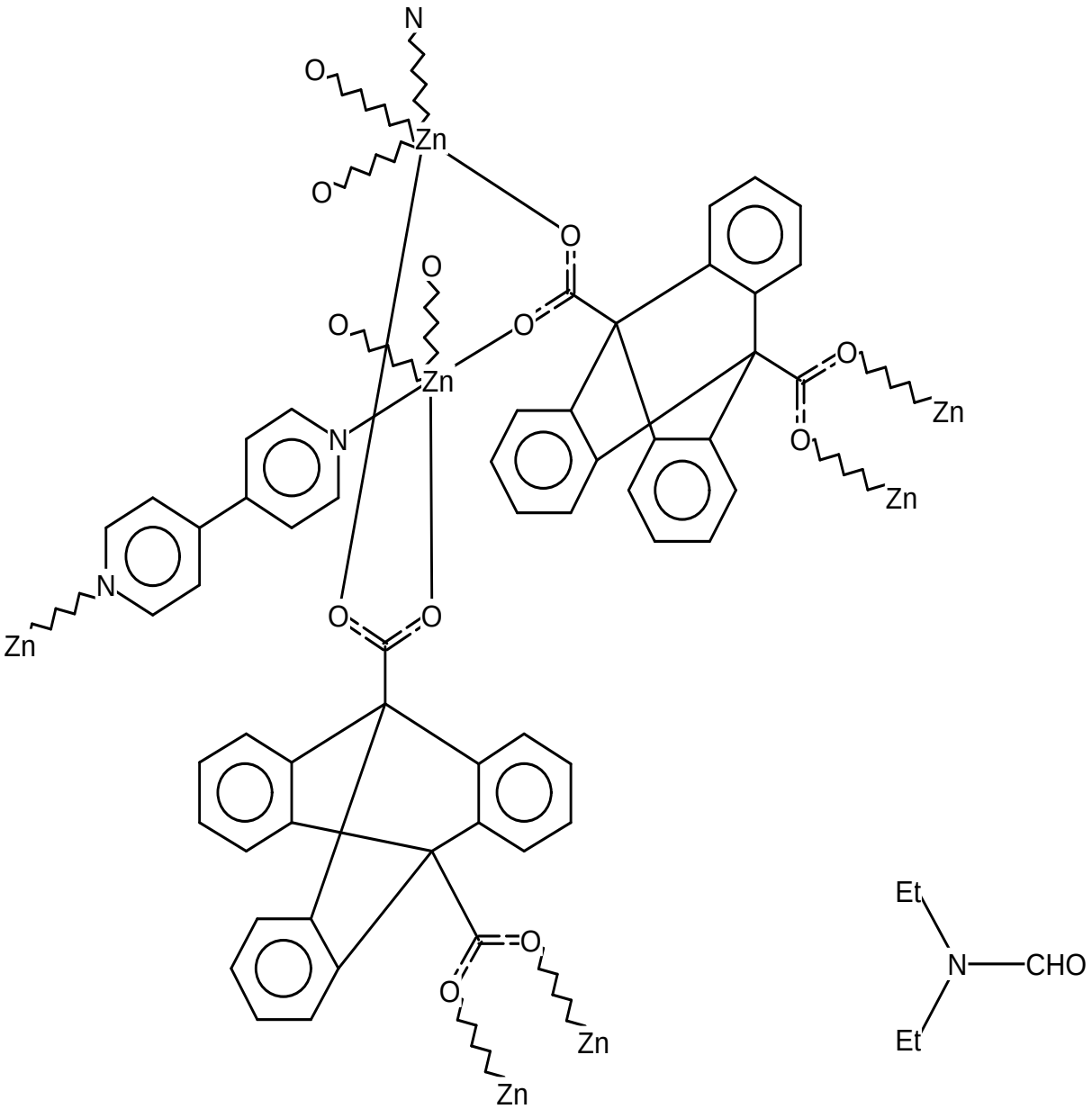
Reference: S.I.Vagin, A.K.Ott, S.D.Hoffmann, D.Lanzinger, B.Rieger (2009) *Chem.-Eur.J.* ,**15,**5845

Formula: $(C_{54}\ H_{32}\ N_2\ O_8\ Zn_2)n,n(C_5\ H_{11}\ N_1\ O_1)$

Compound Name: catena-(bis(μ_4-Triptycene-9,10-dicarboxylato)-(μ_2-4,4'-bipyridine)-di-zinc(ii) N,N-diethylformamide solvate)

Space Group:	I4/mcm	***Cell:***	***a***	15.290(0)	***b***	15.290(0)	***c***	27.946(1)
Space Group No.:	140	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.64 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.630



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 714

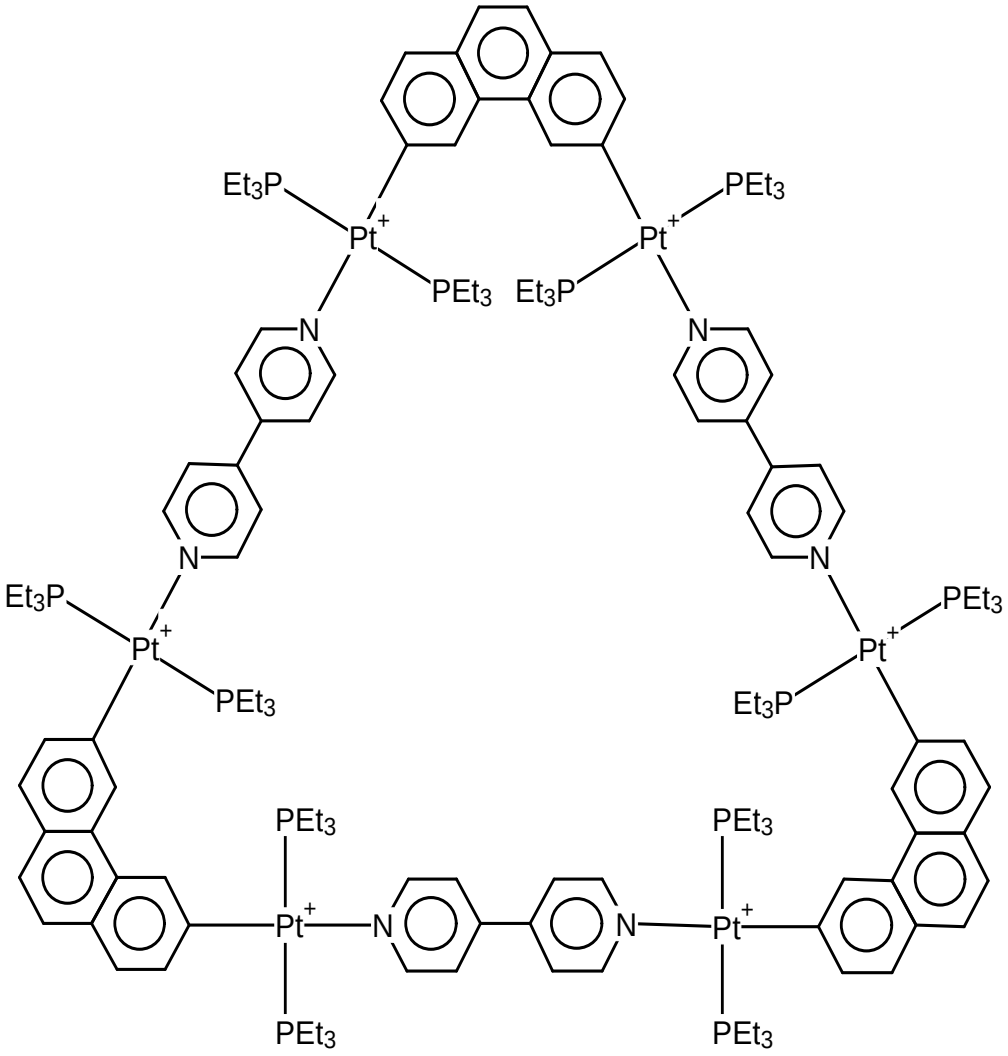
GACVUC

Reference: Y.K.Kryschenko, S.R.Seidel, A.M.Arif, P.J.Stang (2003) *J.Am.Chem.Soc. ,***125,**5193

Formula: $C_{144}\ H_{228}\ N_6\ P_{12}\ Pt_6\ ^{6+},6(N_1\ O_3\ ^{1-})$

Compound Name: Cyclo-(tris(μ_2-4,4'-bipyridyl)-tris(μ_2-phenanthrene-2,9-diyl)-hexakis(bis(triethylphosphine)-platinum)) hexanitrate

Space Group:	P21/m	***Cell:***	***a***	10.489(0)	***b***	41.385(1)	***c***	23.085(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β	99.37(0)	γ	90.00
R-Factor (%):	9.28	***Temperature(K):***	200		***Density(g/cm^3):***	1.329		



$O^-{-}NO_2$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 715

GAGXIW

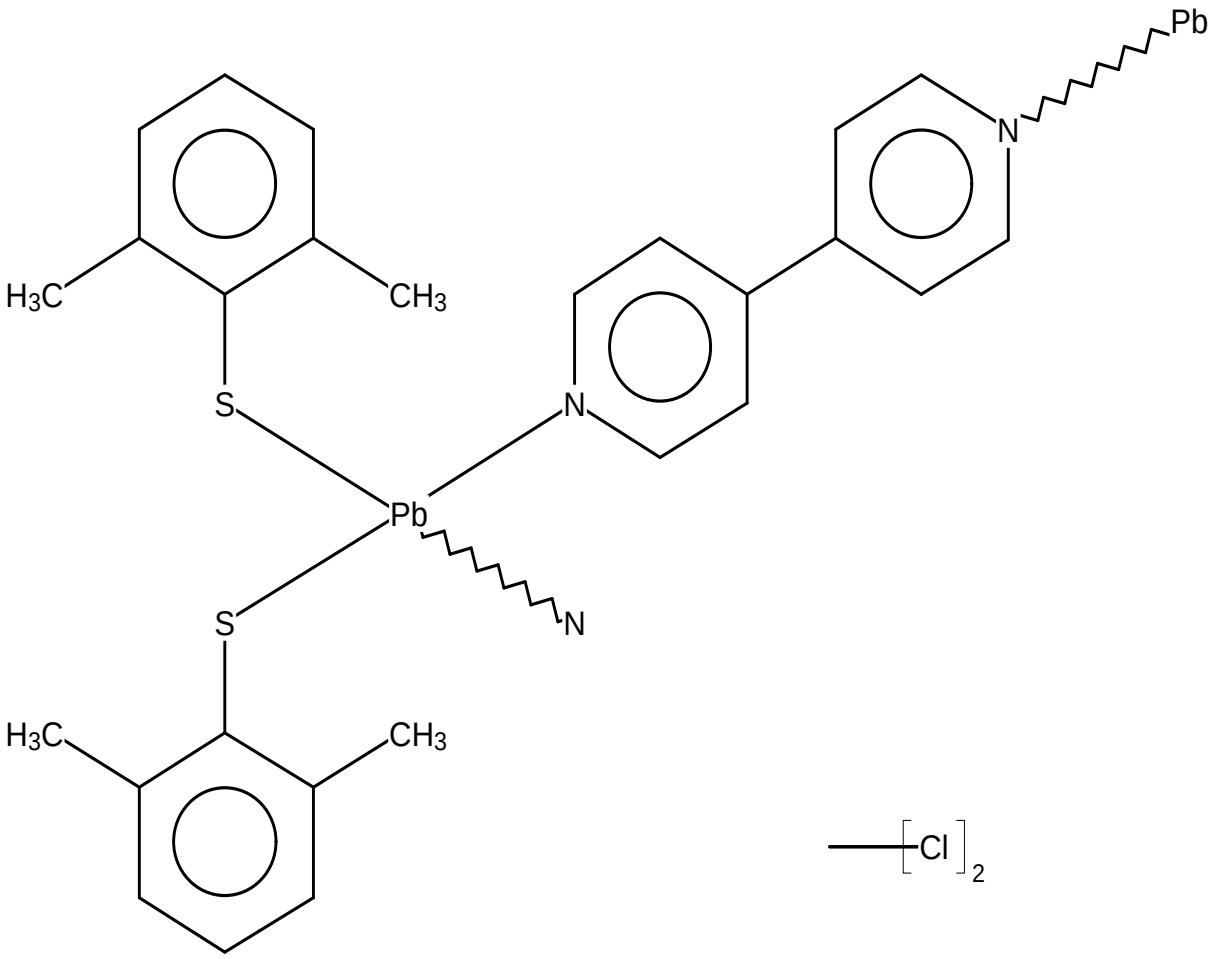
Reference: S.E.Appleton, G.G.Briand, A.Decken, A.S.Smith (2004)
Dalton Trans. ,3515

Formula: $(C_{26}\ H_{26}\ N_2\ Pb_1\ S_2)n,0.5n(C_1\ H_2\ Cl_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(2,6-dimethylphenylthiolato)-lead(ii) dichloromethane solvate)

Space Group:	P-1	***Cell:***	***a***	11.256(1)	***b***	12.368(1)	***c*** 21.812(2)
Space Group No.:	2	***(Å,°)***	α	94.51(0)	β	96.63(0)	γ 116.21(0)

R-Factor (%): 4.50 ***Temperature(K):*** 198 ***Density(g/cm^3):*** 1.688



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 716

GAJKAE

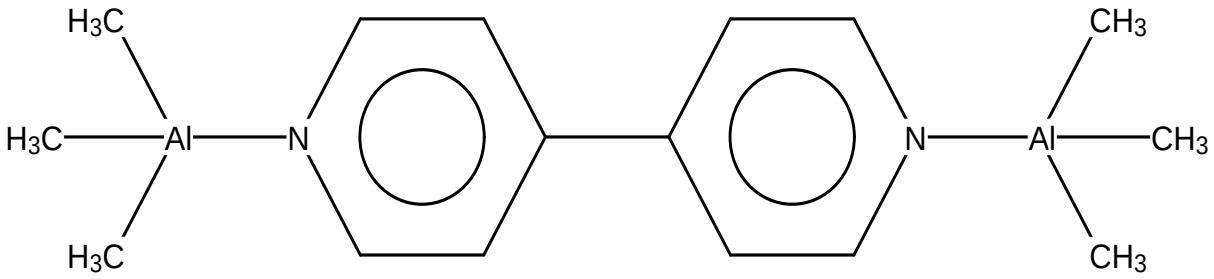
Reference: D.Ogrin, L.H.van Poppel, S.G.Bott, A.R.Barron (2004)
Dalton Trans. ,3689

Formula: $C_{16}\ H_{26}\ Al_2\ N_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(trimethyl-aluminium)

Space Group:	P21/n	***Cell:***	***a***	6.853(1)	***b*** 8.876(2)	***c***	16.565(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.56(3)	γ	90.00

R-Factor (%): 4.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.007



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 717

GAJKOS

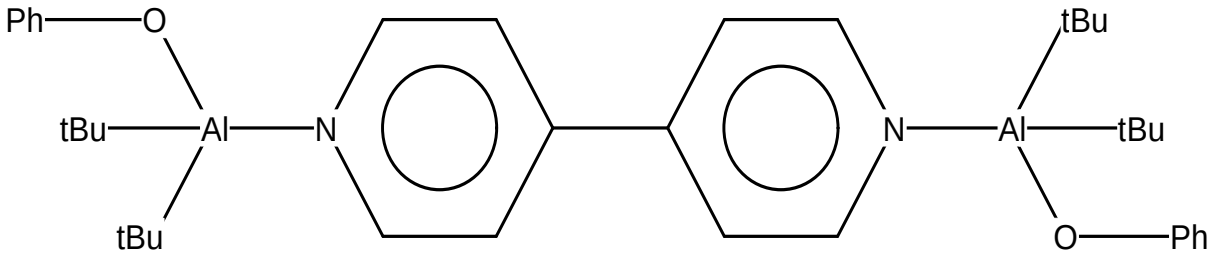
Reference: D.Ogrin, L.H.van Poppel, S.G.Bott, A.R.Barron (2004)
Dalton Trans. ,3689

Formula: $C_{38}\ H_{54}\ Al_2\ N_2\ O_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(di-t-butyl-phenolato-aluminium)

Space Group:	P-1	***Cell:***	***a***	8.978(2)	***b*** 14.490(3)	***c***	23.729(5)
Space Group No.:	2	***(Å,°)***	α	77.02(3)	β 84.27(3)	γ	83.07(3)

R-Factor (%): 8.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.045



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 718

GAKNIQ

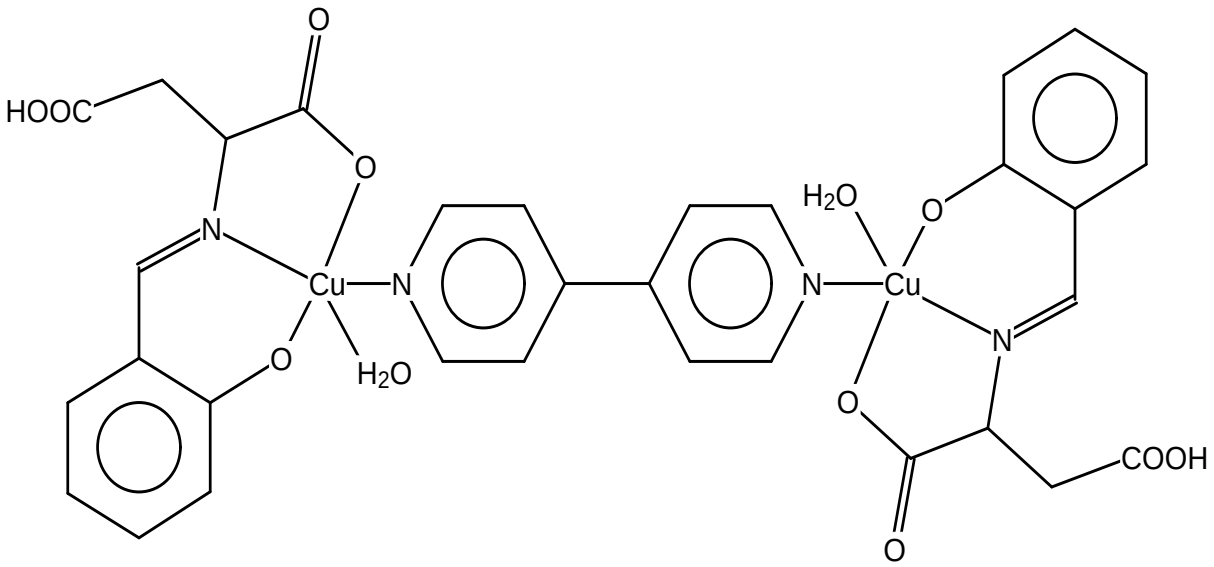
Reference: Ben-Yong Lou, Da-Qiang Yuan, Ben-Lai Wu, Mao-Chun Hong (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,** m1976

Formula: $C_{32}\ H_{30}\ Cu_2\ N_4\ O_{12}$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis((N-salicylideneaspartato)-aqua-copper(ii))

Space Group:	P21/n	***Cell:***	***a***	10.202(1)	***b*** 10.621(1)	***c***	14.872(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.84(0)	γ	90.00

R-Factor (%): 4.45 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.700



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 719

GAKNIQ01

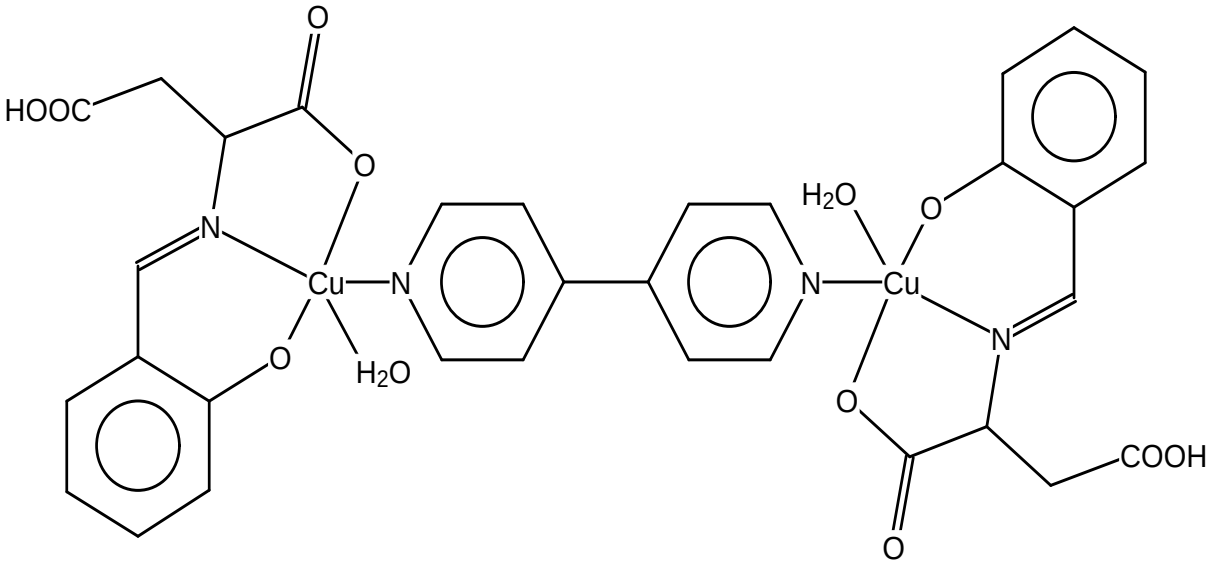
Reference: Xun Feng, Hui-Ling Li, Min-Le Han, Shao-Qiang Hu (2007) *Z.Kristallogr.-New Cryst.Struct. ,***222,**129

Formula: $C_{32}\ H_{30}\ Cu_2\ N_4\ O_{12}$

Compound Name: diaqua-(μ_2-4,4'-bipyridine)-bis(N-salicylideneaspartato)-di-copper(ii)

Space Group:	P21/n	***Cell:***	***a***	10.277(1)	***b*** 10.829(1)	***c***	15.013(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.11(0)	γ	90.00

R-Factor (%): 2.72 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.642



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 720

GAKSER

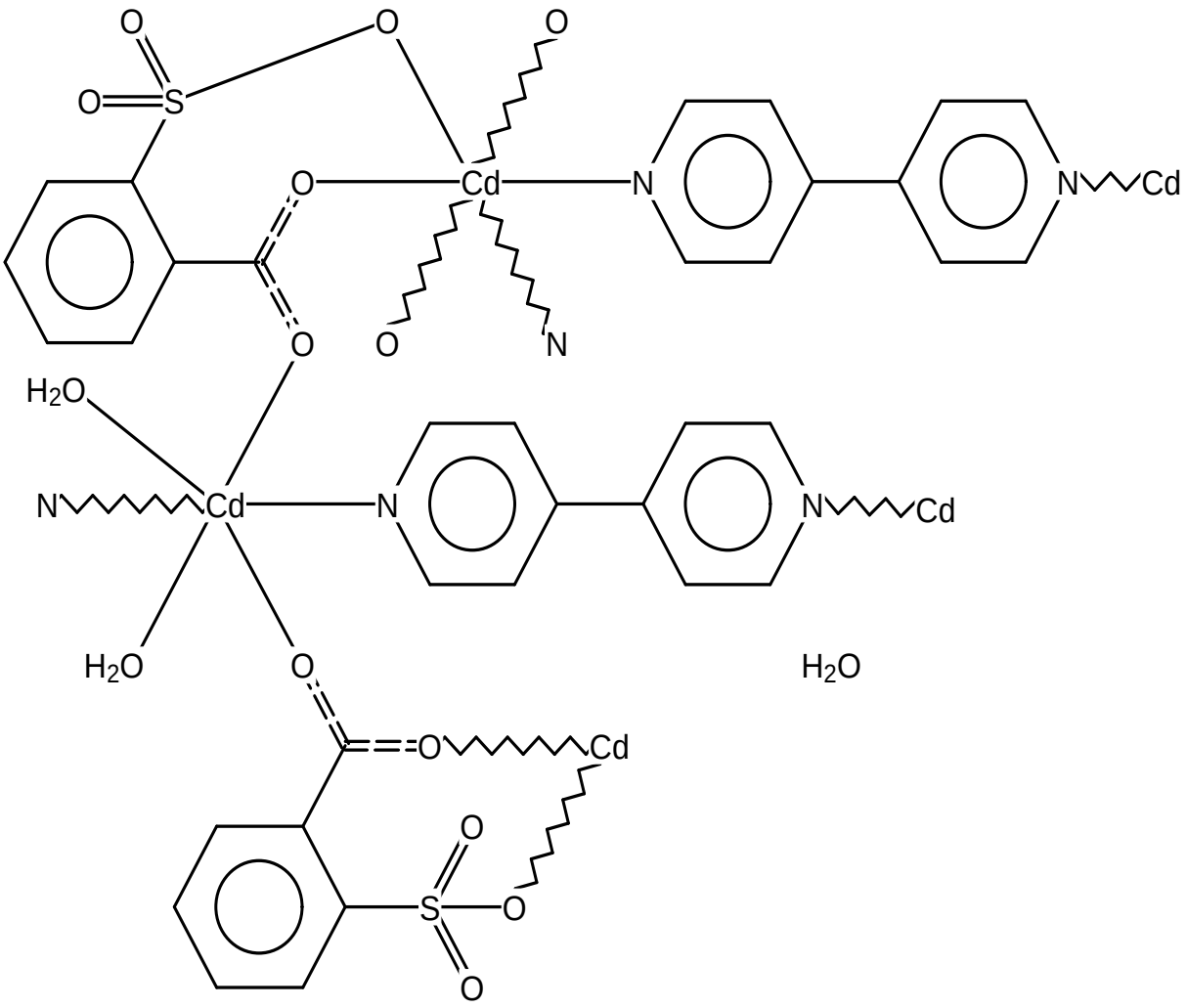
Reference: Wei Su, Wen-Hua Bi, Xing Li, Rong Cao (2005)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**61,**m16

Formula: $(C_{34}\ H_{28}\ Cd_2\ N_4\ O_{12}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-2-sulfonatobenzoato)-di-aqua-di-cadmium(ii) dihydrate]

Space Group:	C2/c	***Cell:***	***a***	16.888(5)	***b*** 11.722(5)	***c***	20.258(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.48(0)	γ	90.00

R-Factor (%): 2.67 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.810



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 721

GALJUZ

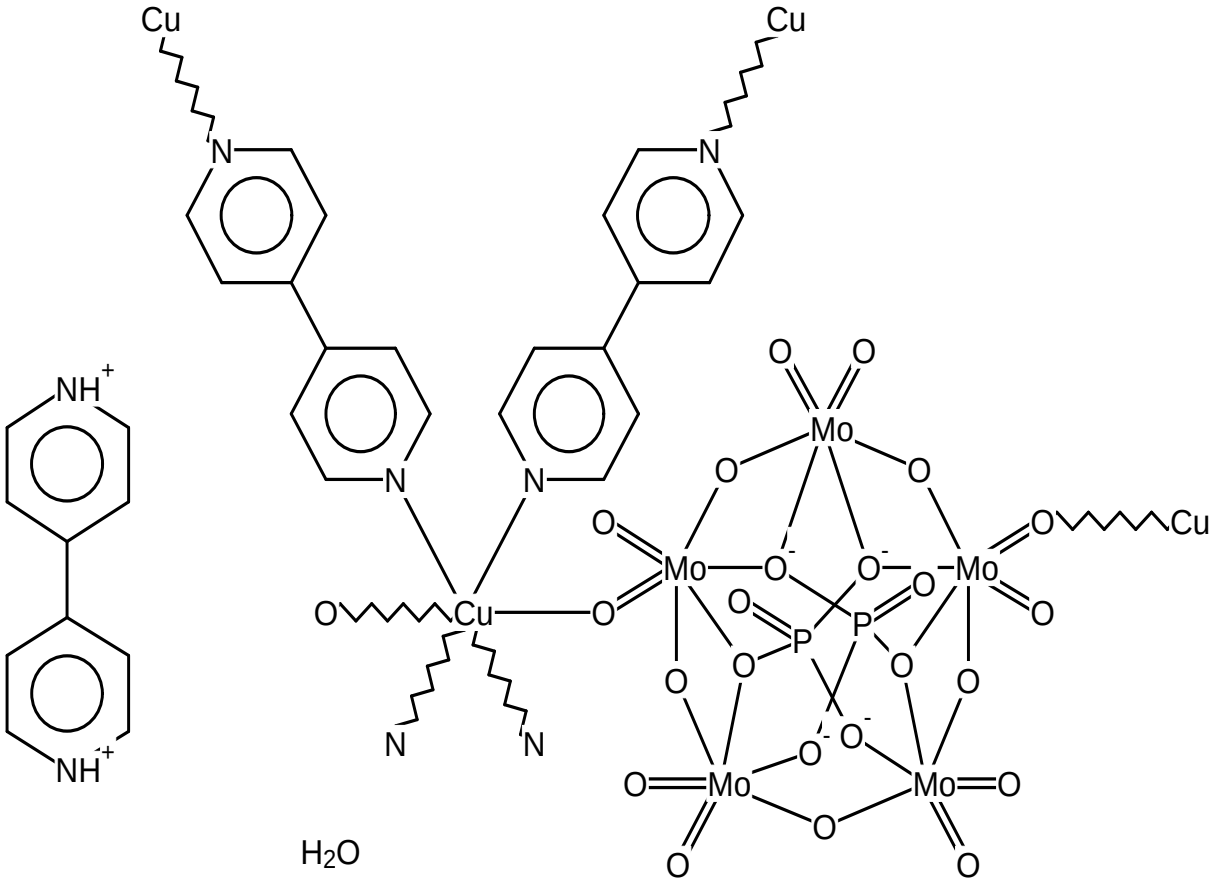
Reference: Ying Lu, Yangguang Li, Enbo Wang, Jian Lu, Lin Xu, R.Clerac (2005) *Eur.J.Inorg.Chem.* ,1239

Formula: $(C_{20}\ H_{16}\ Cu_1\ Mo_5\ N_4\ O_{23}\ P_2\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),4n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) bis(μ_5-phosphato)-bis(μ_2-4,4'-bipyridine)-heptakis(μ_2-oxo)-octaoxo-copper(ii)-penta-molybdenum tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	17.630(4)	***b*** 13.670(3)	***c***	25.111(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.61(3)	γ	90.00

R-Factor (%):	5.55	***Temperature(K):***	293	***Density(g/cm^3):***	1.917


Cu
Cu
N
N
N
N
NH+
NH+
O
Mo
Mo
Mo
Mo
Mo
Cu
Cu
P
P
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 722

GAPLIT

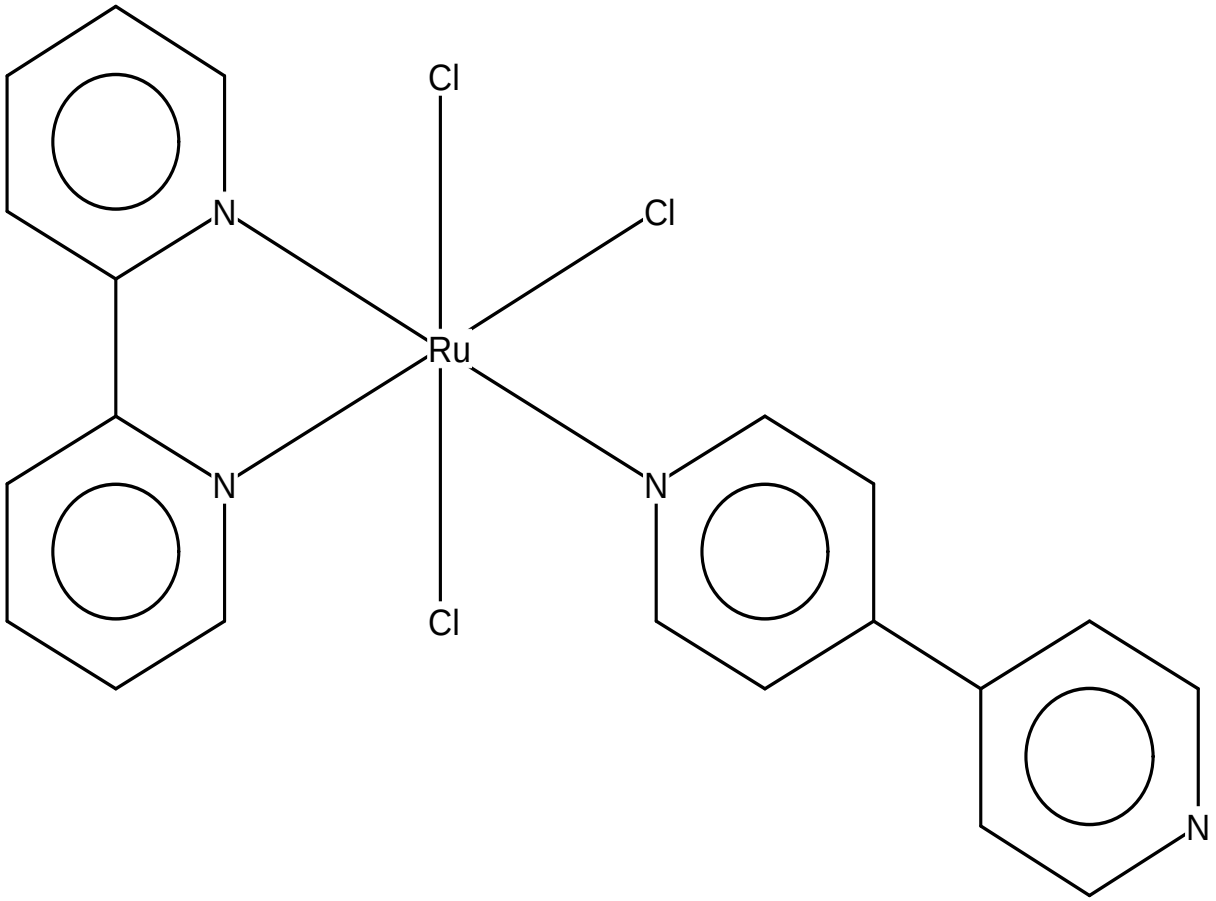
Reference: E.Eskelinen, P.Da Costa, M.Haukka (2005)
*J.Electroanal.Chem. ,***579,**257

Formula: $C_{20}\ H_{16}\ Cl_3\ N_4\ Ru_1$

Compound Name: (2,2'-Bipyridine)-(4,4'-bipyridine)-trichloro-ruthenium(iii)

Space Group:	P21/c	***Cell:***	***a***	7.213(0)	***b***	14.097(0)	***c***	19.039(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.73(0)	γ	90.00

R-Factor (%): 3.18 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.787



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 723

GARREX

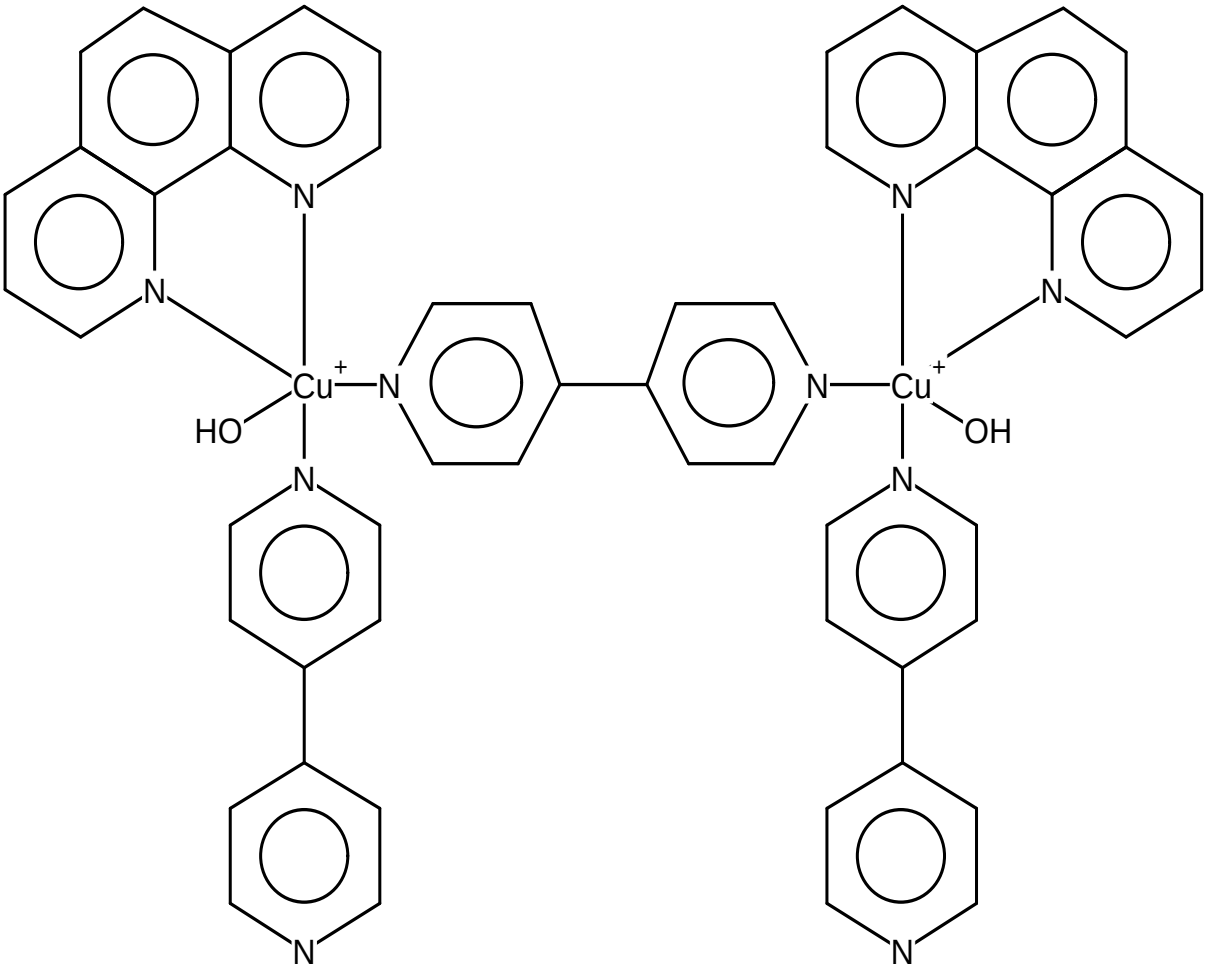
Reference: Xiao-Ju Lin, Zhen Shen, Yi-Zhi Li, H.Uno, You Song, Hai-Jun Xu, Xiao-Zeng You (2005) *J.Coord.Chem. ,***58,**1139

Formula: $C_{54}\ H_{42}\ Cu_2\ N_{10}\ O_2\ ^{2+}$,2($N_1\ O_3\ ^{1-}$),5.5($H_2\ O_1$)

Compound Name: (μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-dihydroxy-bis(1,10-phenanthroline)-di-copper(ii) dinitrate hydrate

Space Group:	C2/c	***Cell:***	***a***	19.594(4)	***b*** 44.022(9)	***c***	7.404(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.08(0)	γ	90.00

R-Factor (%): 6.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.313



$O_2N{-}O^-$ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 724

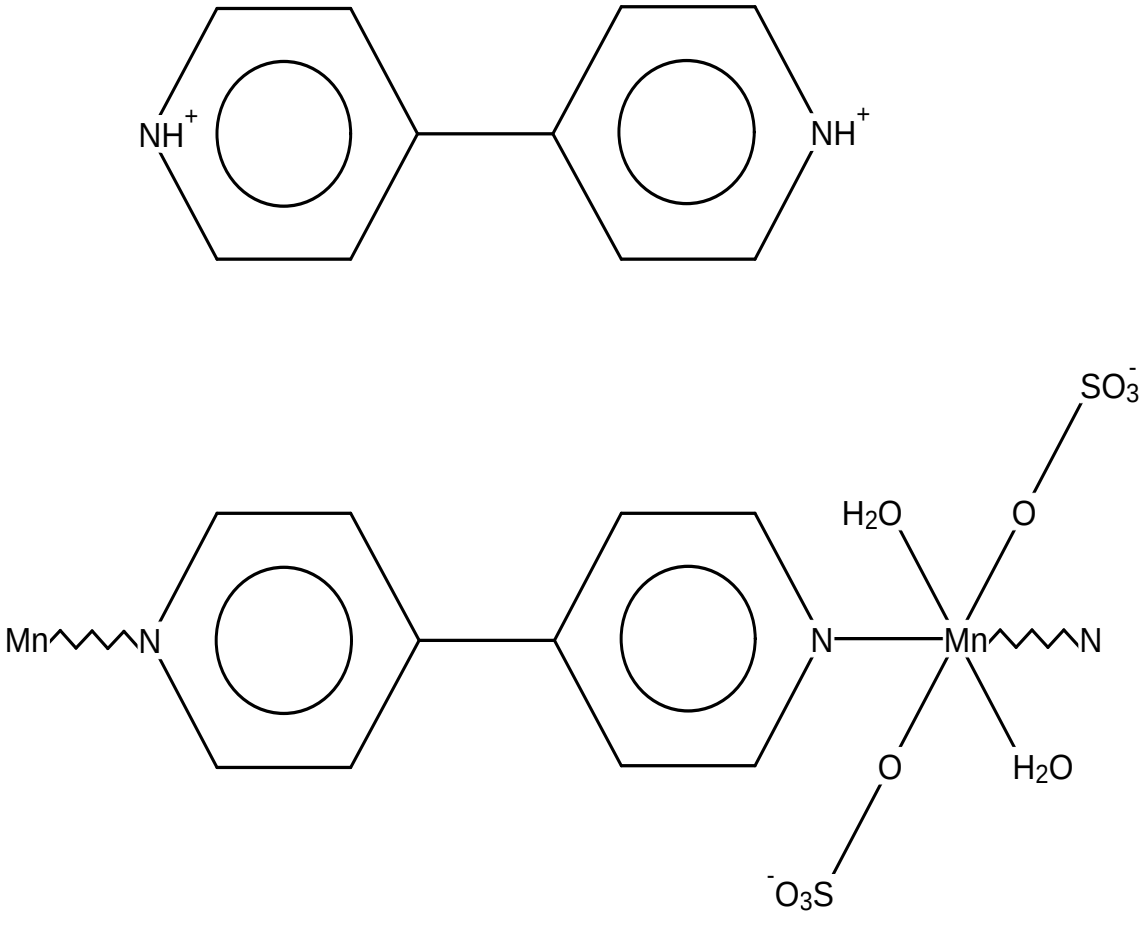
GATTOL

Reference: Sai-Rong Fan, Long-Guan Zhu (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1689

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{10}\ H_{12}\ Mn_1\ N_2\ O_{10}\ S_2\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium (μ_2-4,4'-bipyridine-N,N')-diaqua-disulfato-manganese(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.962(0)	***b***	9.372(1)	***c*** 9.979(1)
Space Group No.:	2	***(Å,°)***	α	74.90(0)	β	89.42(0)	γ 78.24(0)
R-Factor (%):	3.75	***Temperature(K):***	295	***Density(g/cm^3):***	1.711		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 725

GATXIJ

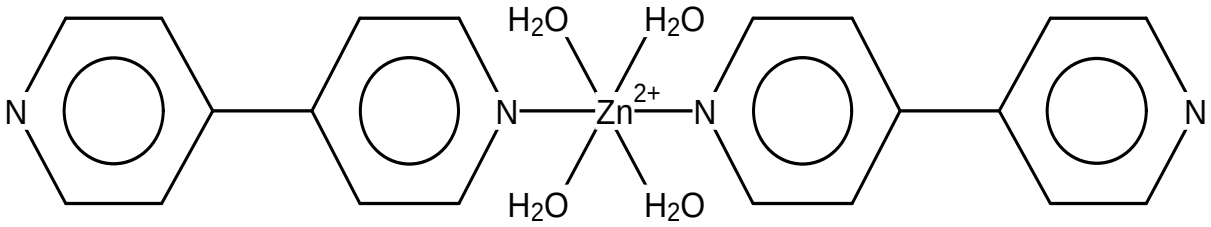
Reference: Li-Ping Zhang, Long-Guan Zhu (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1768

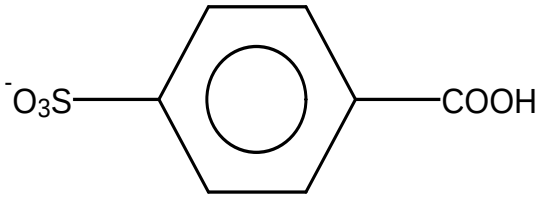
Formula: $C_{20}\,H_{24}\,N_4\,O_4\,Zn_1\,^{2+}$,2($C_7\,H_5\,O_5\,S_1\,^{1-}$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine)-zinc(ii) bis(4-carboxybenzenesulfonate)

Space Group:	P-1	***Cell:***	***a***	7.509(0)	***b***	7.720(0)	***c*** 16.728(0)
Space Group No.:	2	***(Å,°)***	α	92.26(0)	β	93.66(0)	γ 111.04(0)

R-Factor (%): 4.69 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.570





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 726

GAVNIB

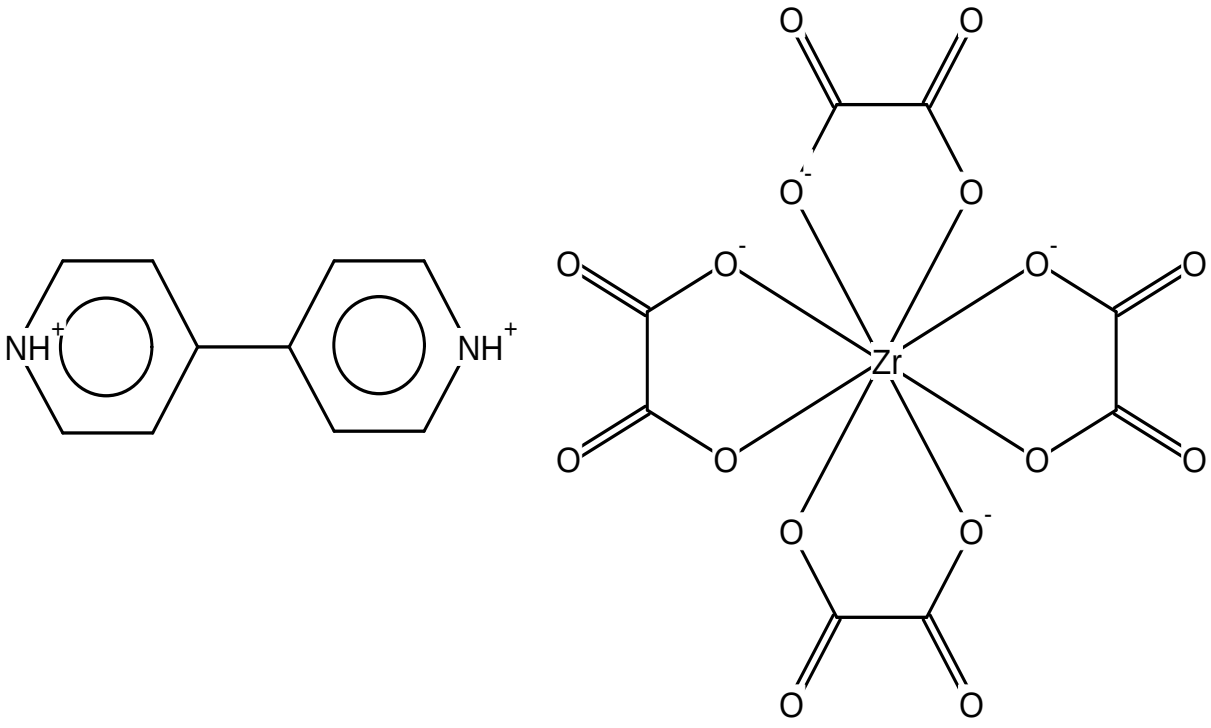
Reference: Yun-Long Fu, Jia-Lin Ren, Zhi-Wei Xu, Seik Weng Ng (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***61,**m2397

Formula: $2(C_{10}H_{10}N_2^{2+}),C_8O_{16}Zr_1^{4-}$

Compound Name: bis(4,4'-Bipyridinium) tetrakis(oxalato-O,O')-zirconium(iv)

Space Group:	C2/c	***Cell:***	***a***	19.447(2)	***b*** 10.986(1)	***c***	15.084(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 121.23(0)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.831



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 727

GAVNIB01

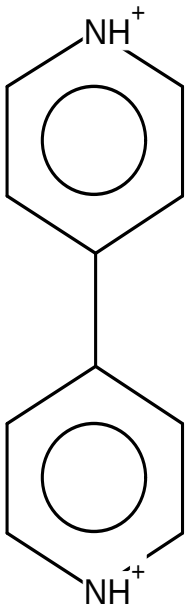
Reference: I.Imaz, A.Thillet, J.-P.Sutter (2007) *Cryst.Growth Des. ,***7,** 1753

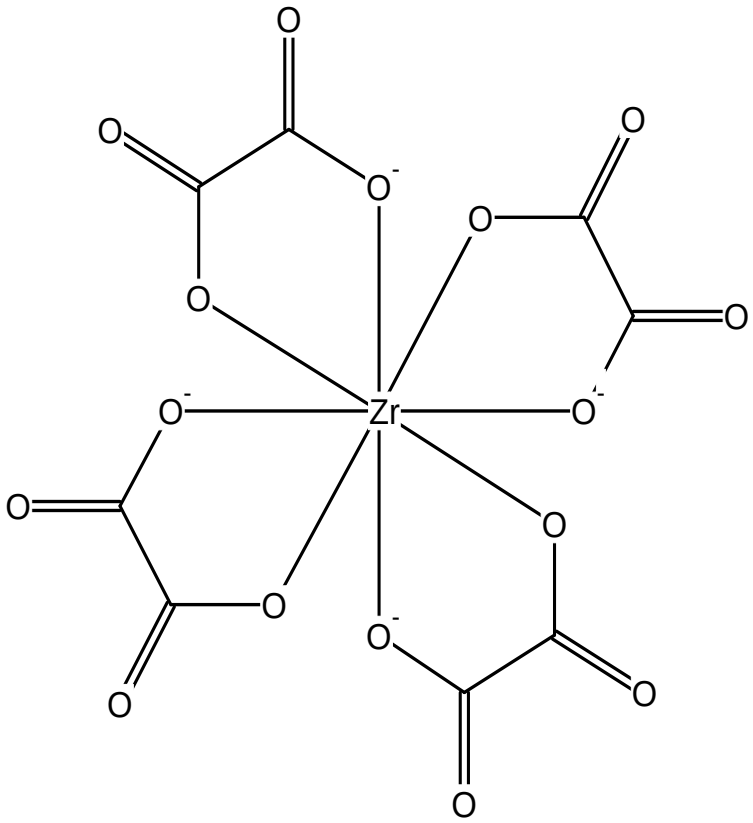
Formula: $2(C_{10}H_{10}N_2^{2+}),C_8O_{16}Zr_1^{4-}$

Compound Name: bis(4,4'-Bipyridinium) tetrakis(oxalato-O,O')-zirconium(iv)

Space Group:	C2/c	***Cell:***	***a***	19.451(1)	***b*** 10.994(1)	***c***	15.087(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 121.24(1)	γ	90.00

R-Factor (%): 7.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.829





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 728

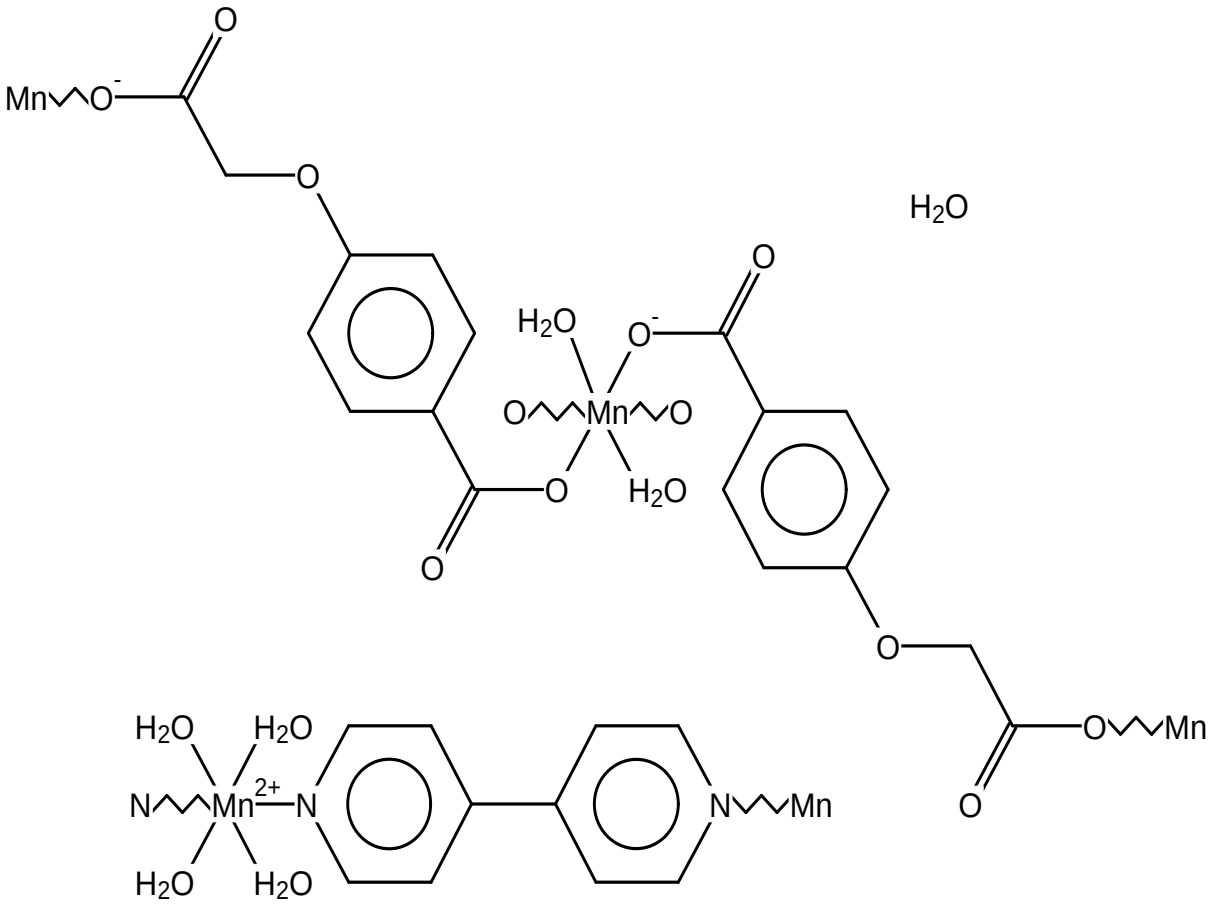
GAVTAZ

Reference: Shan Gao, Li-Hua Huo, Seik Weng Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m2270

Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_{18}\ H_{16}\ Mn_1\ O_{12}\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4-Carboxyphenoxyacetato-O,O')-diaqua-manganese(ii) (μ_2-4,4'-bipyridine)-tetra-aqua-manganese(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.688(2)	***b***	10.163(2)	***c***	10.797(2)
Space Group No.:	2	***(Å,°)***	α	94.08(3)	β	101.01(3)	γ	100.46(3)
R-Factor (%):	5.20	***Temperature(K):***	295	***Density(g/cm^3):***	1.638			



Search: search1 (Thu May 26 10:05:42 2011): Hit 729

GAWBEM

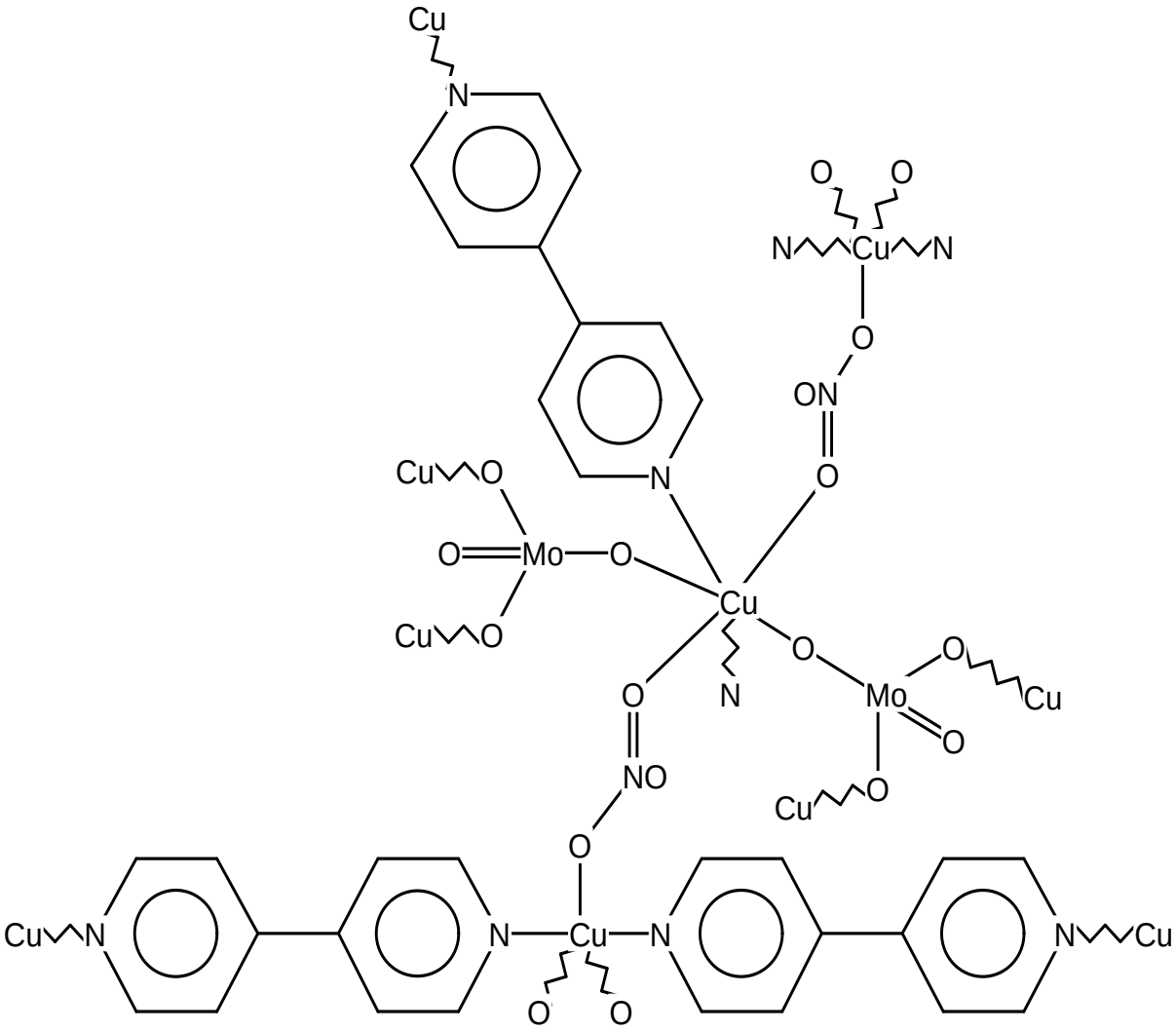
Reference: Xiang-Jian Kong, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zhang (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,**m2346

Formula: $(C_{30}\ H_{24}\ Cu_3\ Mo_2\ N_8\ O_{14})n,4n(H_2\ O_1)$

Compound Name: catena-((tris(μ_2-4,4'-Bipyridyl)-bis(μ_2-nitrato)-hexakis(μ_2-oxo)-dioxo-di-molybdenum-tri-copper(ii)) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.619(1)	***b***	10.639(2)	***c*** 10.986(2)
Space Group No.:	2	***(Å,°)***	α	79.52(0)	β	65.00(0)	γ 70.57(0)

R-Factor (%): 3.21 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.033



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 730

GAWLAS

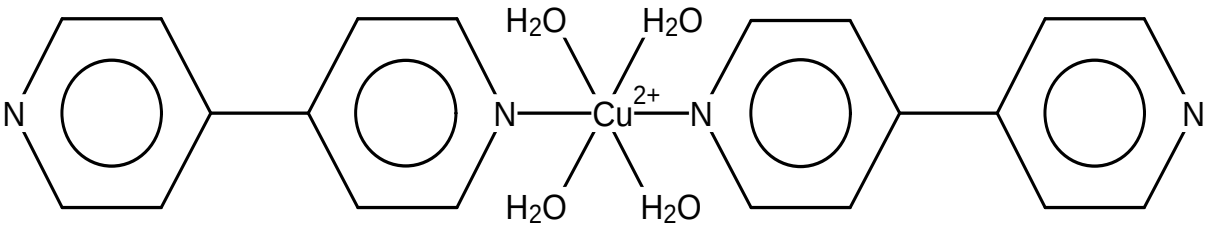
Reference: Huan-Li Dong, Li Xu, Qing-Yan Liu, Rui-Li Sang (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,**m2340

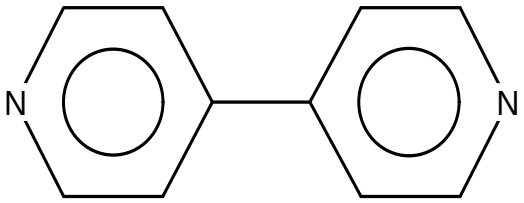
Formula: $C_{20}\ H_{24}\ Cu_1\ N_4\ O_4\ ^{2+},2(Cl_1\ O_4\ ^{1-}),4(C_{10}\ H_8\ N_2)$

Compound Name: Tetra-aqua-bis(4,4'-bipyridine)-copper(ii) diperchlorate 4,4'-bipyridine solvate

Space Group:	P-1	***Cell:***	***a***	7.873(0)	***b*** 14.186(0)	***c***	14.832(0)
Space Group No.:	2	***(Å,°)***	α	63.73(0)	β 88.07(1)	γ	81.46(1)

R-Factor (%): 4.25 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.438





ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 731

GEFRUF

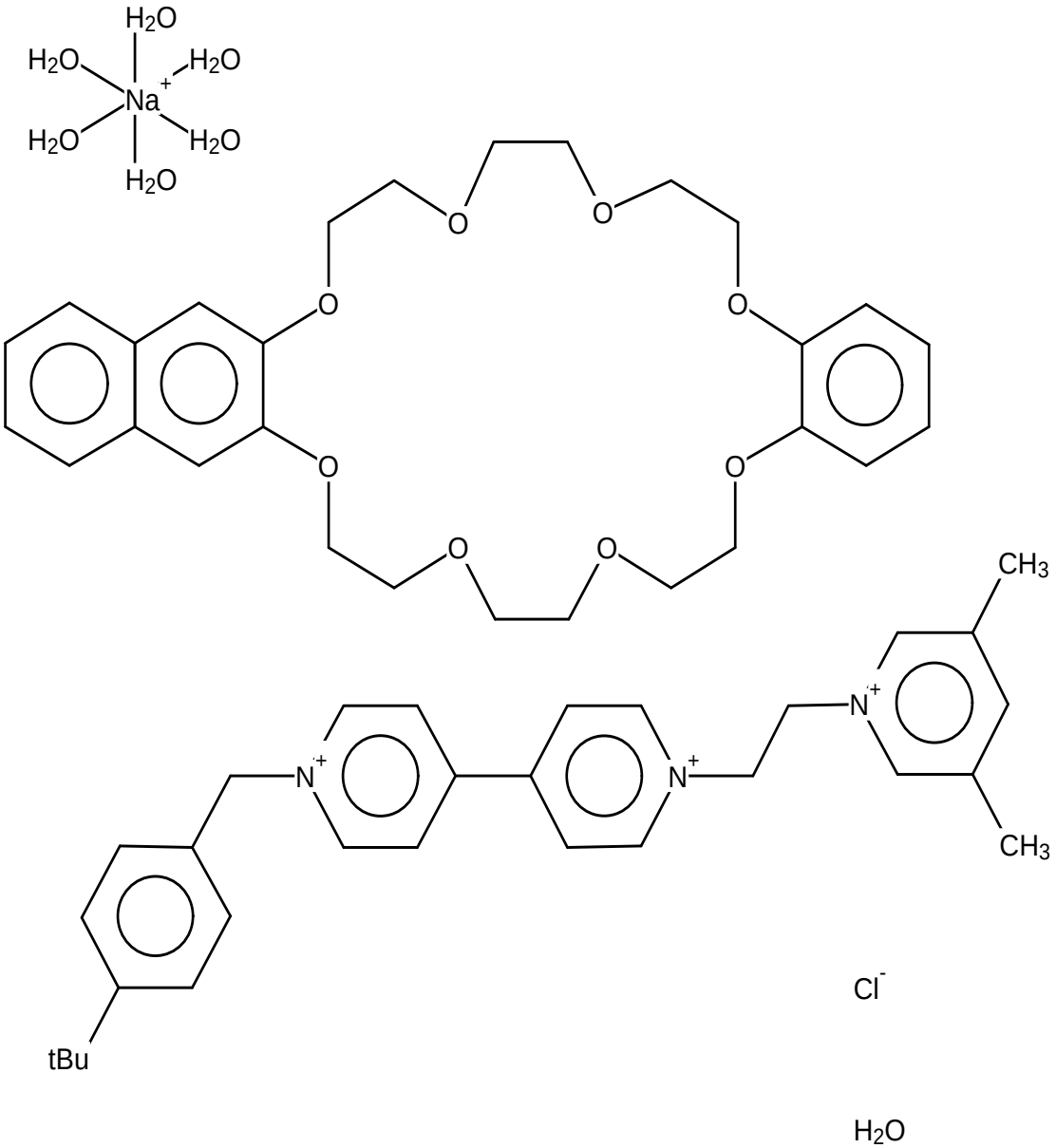
Reference: S.J.Loeb, J.Tiburcio, S.J.Vella (2006) *Chem.Commun.* , 1598

Formula: $H_{12}\ Na_1\ O_6\ ^{1+}$,$C_{28}\ H_{34}\ O_8$,$C_{30}\ H_{36}\ N_3\ ^{3+}$,4($Cl_1\ ^{1-}$),6.5($H_2\ O_1$)

Compound Name: Hexaaqua-sodium 2,5,8,11,18,21,24,27-octaoxatetracyclo(26.8.0.0^{12,17}.0^{30,35})hexatriaconta-1(36),12,14,17,28,30,32,34-octaene N-(4-t-butylbenzyl)-N'-(2-(3,5-dimethylpyridinio)ethyl)4,4'-bipyridine-diium tetrachloride hydrate

Space Group:	P-1	***Cell:***	***a*** 12.058(1)	***b*** 16.630(1)	***c*** 19.190(1)
Space Group No.:	2	***(Å,°)***	α 107.95(0)	β 99.35(0)	γ 108.11(0)

R-Factor (%): 9.50 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.322



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 732

GEGPEO

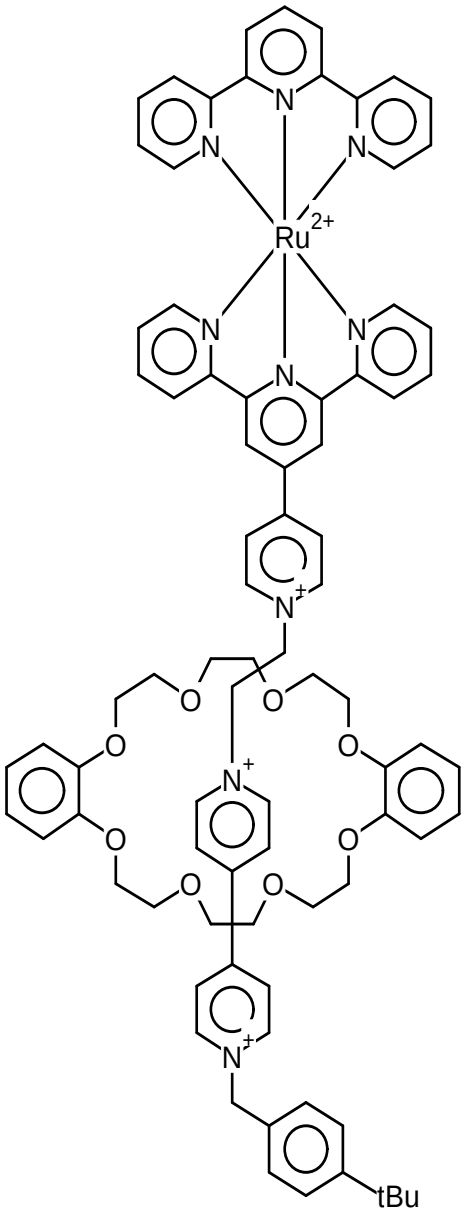
Reference: G.J.E.Davidson, S.J.Loeb, P.Passaniti, S.Silvi, A.Credi (2006) *Chem.-Eur.J.* ,**12,**3233

Formula: $C_{58}\ H_{52}\ N_9\ Ru_1\ ^{5+}$,$C_{24}\ H_{32}\ O_8$,4.75($C_1\ F_3\ O_3\ S_1\ ^{1-}$),0.25($Cl_1\ ^{1-}$),0.5($C_2\ H_3\ N_1$),6($H_2\ O$

Compound Name: [2]-((4'-(1-(2-(4-(1-(4-t-butylbenzyl)pyridinium-4-yl)pyridinium)ethyl) pyridinium)-2,2':6',2''-terpyridyl)-(2,2':6',2''-terpyridyl)-ruthenium(ii))-(dibenzo-24-crown-8)-rotaxane tetrakis(trifluoromethanesulfonate) chloride acetonitrile solvate hexahydrate

Space Group:	P-1	***Cell:***	***a*** 21.019(1)	***b*** 24.588(1)	***c*** 26.329(1)
Space Group No.:	2	***(Å,°)***	α 103.90(0)	β 104.74(0)	γ 111.36(0)

R-Factor (%): 14.55 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.324



$F_3C{-}SO_3^-$

H_2O

$H_3C{-}CN$

Cl^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 733

GEGPOY

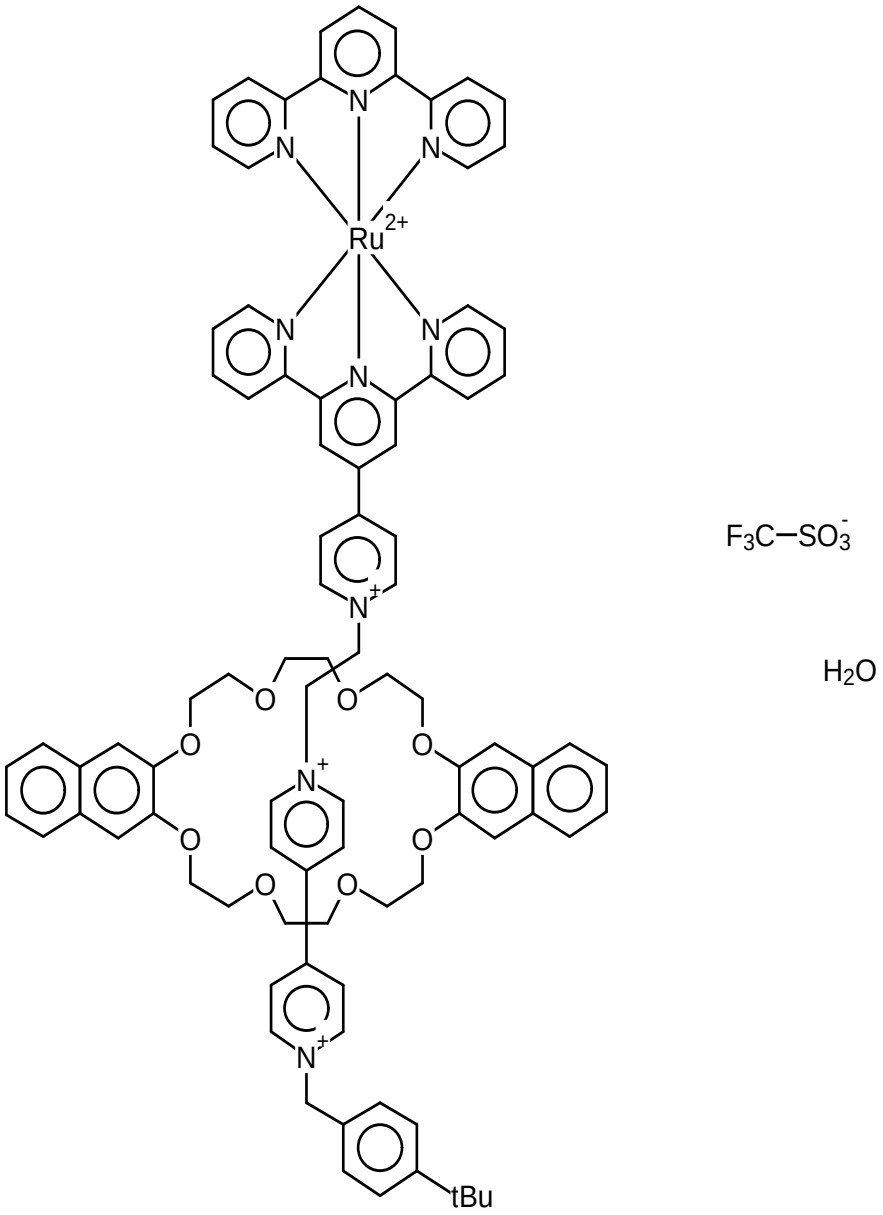
Reference: G.J.E.Davidson, S.J.Loeb, P.Passaniti, S.Silvi, A.Credi (2006) *Chem.-Eur.J.* ,**12,**3233

Formula: $C_{58}\ H_{52}\ N_9\ Ru_1\ ^{5+}$,$C_{32}\ H_{36}\ O_8$,5($C_1\ F_3\ O_3\ S_1\ ^{1-}$),11($H_2\ O_1$)

Compound Name: [2]-((4'-(1-(2-(4-(1-(4-t-butylbenzyl)pyridinium-4-yl)pyridinium)ethyl) pyridinium)-2,2':6',2''-terpyridyl)-(2,2':6',2''-terpyridyl)-ruthenium(ii))-(dinaphtho-24-crown-8)-rotaxane pentakis(trifluoromethanesulfonate) undecahydrate

Space Group:	P21/c	***Cell:***	***a***	24.087(1)	***b***	20.059(1)	***c***	22.460(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.91(0)	γ	90.00

R-Factor (%): 8.21 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.512



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 734

GEJDEF

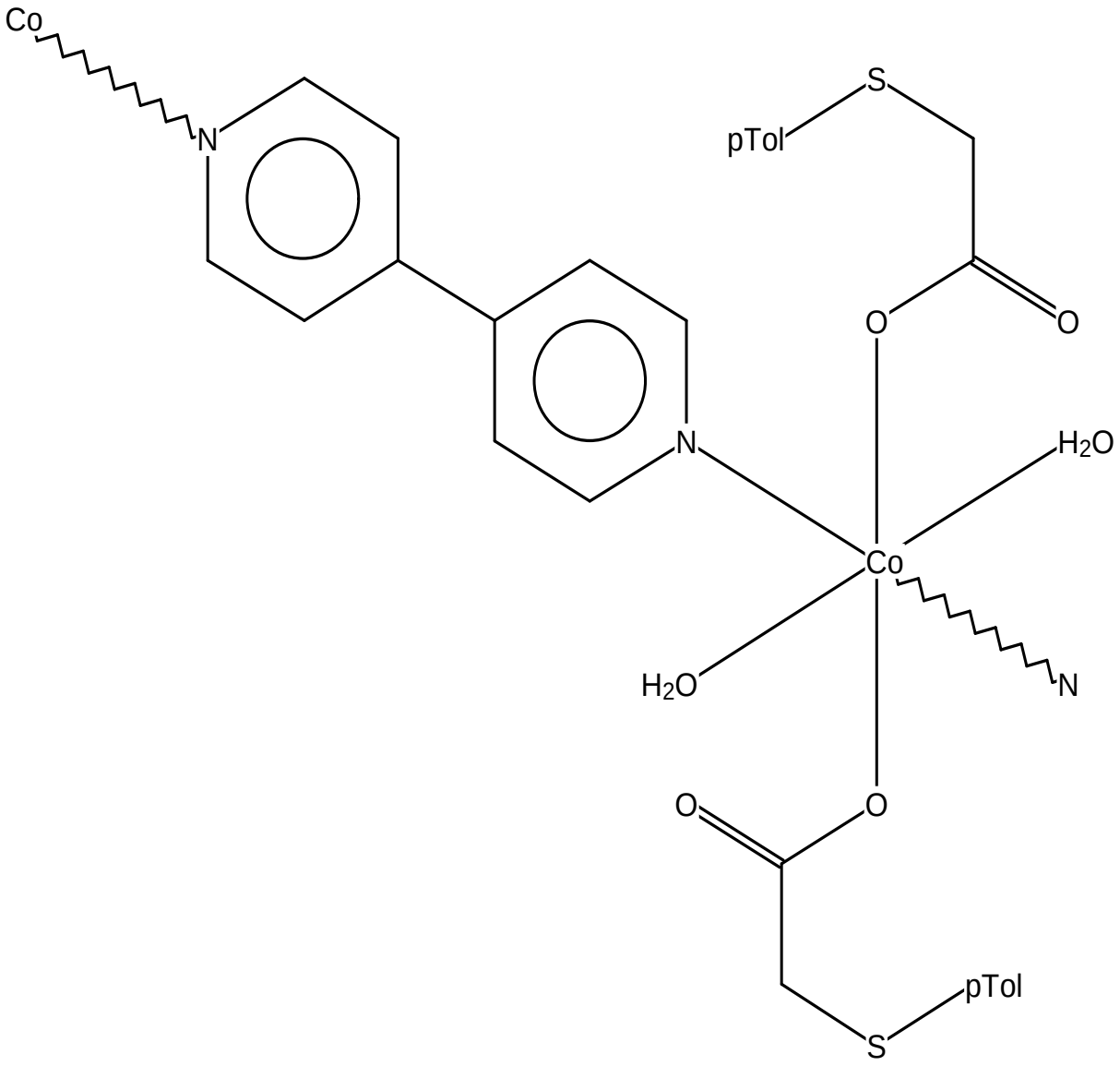
Reference: Xiao-Yong Zheng, Hong Su, Yun-Long Feng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m1393

Formula: $(C_{28}\ H_{30}\ Co_1\ N_2\ O_6\ S_2)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-diaqua-bis((4-tolylsulfanyl)acetato-O)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	21.684(4)	***b***	11.376(2)	***c***	11.032(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.83(0)	γ	90.00

R-Factor (%): 2.82 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.499



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 735

GEMSIB

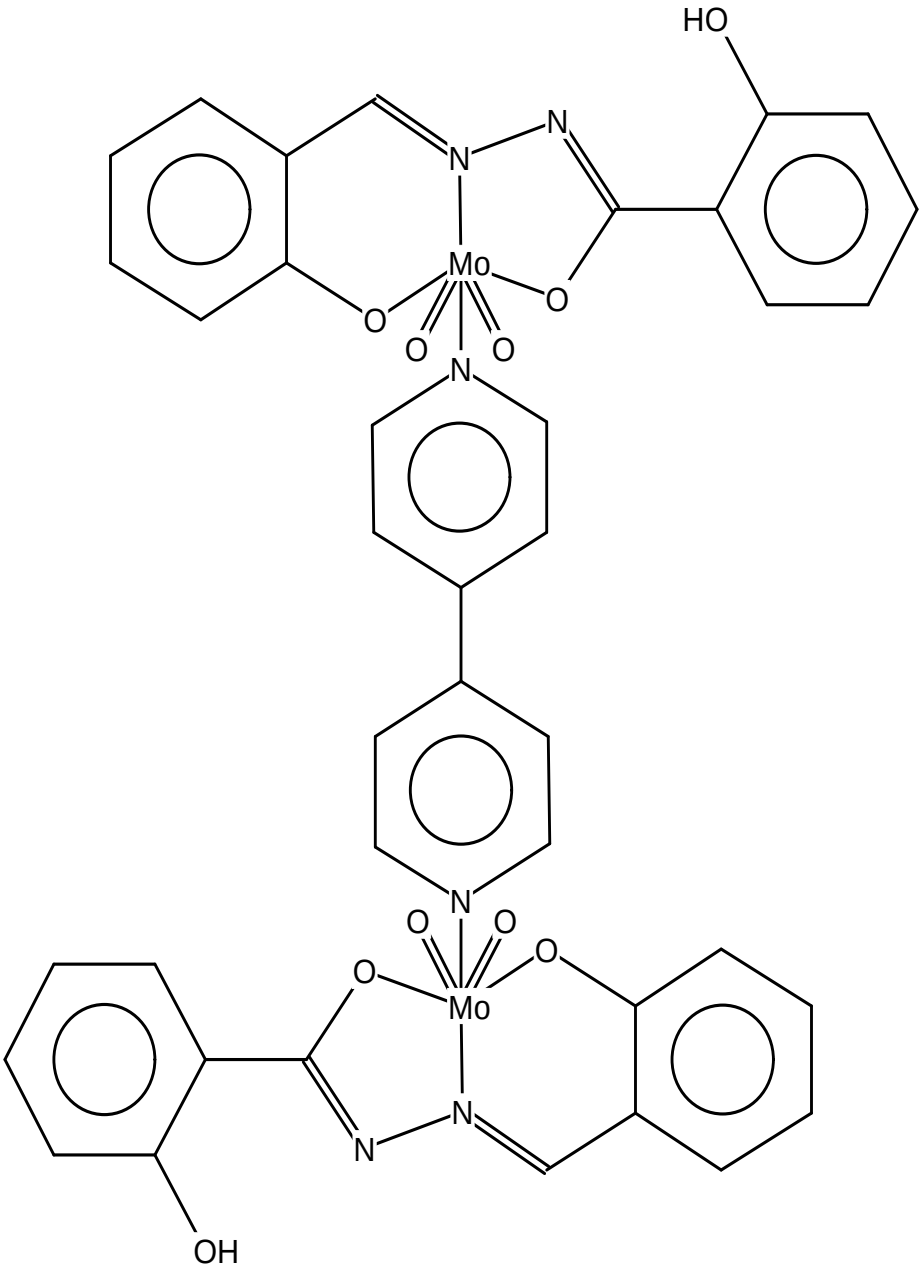
Reference: R.Dinda, S.Ghosh, L.R.Falvello, M.Tomas, T.C.W.Mak (2006) *Polyhedron* ,**25,**2375

Formula: $C_{38}\ H_{28}\ Mo_2\ N_6\ O_{10}$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(cis-dioxo-(2-hydroxybenzoylhydrazone 2-hydroxybenzaldehyde)-molybdenum(vi))

Space Group:	P-1	***Cell:***	***a***	7.928(1)	***b***	12.058(1)	***c***	19.860(3)
Space Group No.:	2	***(Å,°)***	α	74.42(0)	β	88.44(0)	γ	81.33(0)

R-Factor (%): 5.55 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.691



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 736

GIDLOV

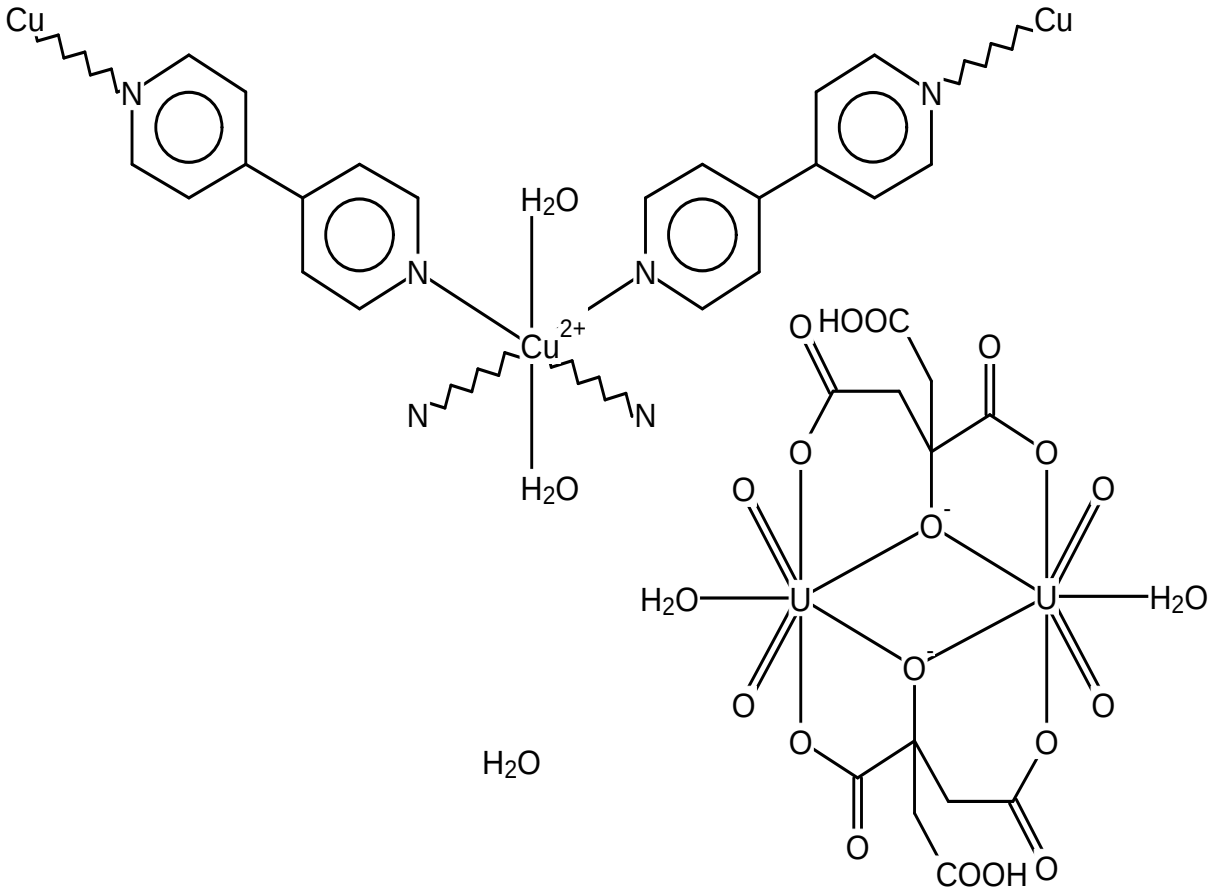
Reference: P.Thuery (2007) *CrystEngComm* ,**9,**358

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(C_{12}\ H_{14}\ O_{20}\ U_2\ ^{2-}),5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-copper(ii) bis(μ_2-hydrogen citrato-O,O,O',O'')-diaqua-tetraoxo-di-uranium clathrate pentahydrate)

Space Group:	Pca21	***Cell:***	***a***	16.594(0)	***b***	15.103(0)	***c*** 18.011(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.72 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 2.143



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 737

GIHBEF

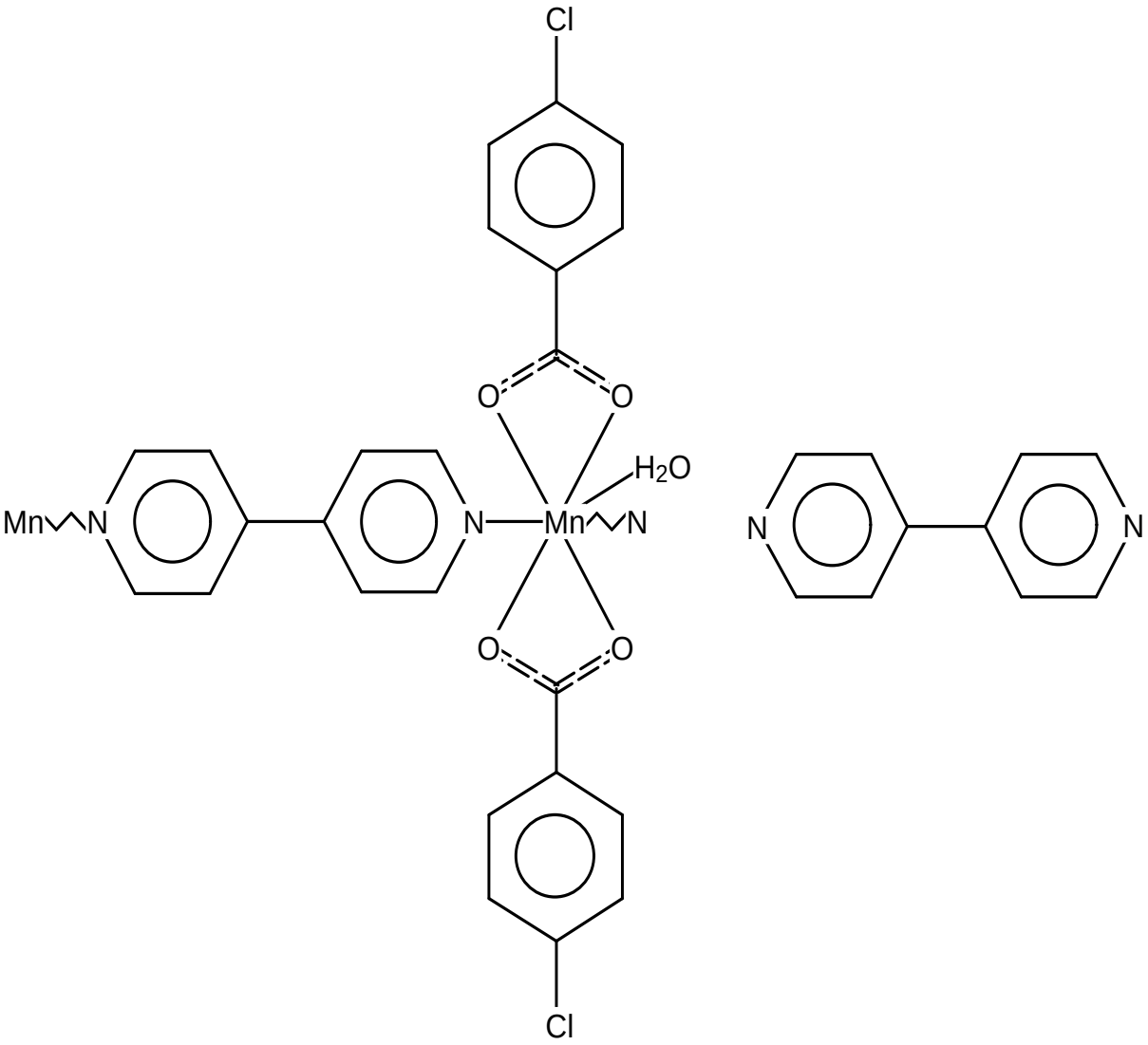
Reference: De-Yun Ma, Guo-Hua Deng (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1772

Formula: $(C_{24}\ H_{18}\ Cl_2\ Mn_1\ N_2\ O_5)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(4-chlorobenzoato-O,O')-aqua-manganese(ii) 4,4'-bipyridine solvate)

Space Group:	P2/n	***Cell:***	***a***	11.690(0)	***b*** 6.151(0)	***c***	22.518(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.37(0)	γ	90.00

R-Factor (%): 4.69 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 738

GIHNER

Reference: C.Femoni, M.C.Iapalucci, G.Longoni, C.Tiozzo, J.Wolowska, S.Zacchini, E.Zazzaroni (2007) *Chem.-Eur.J. ,***13,**6544

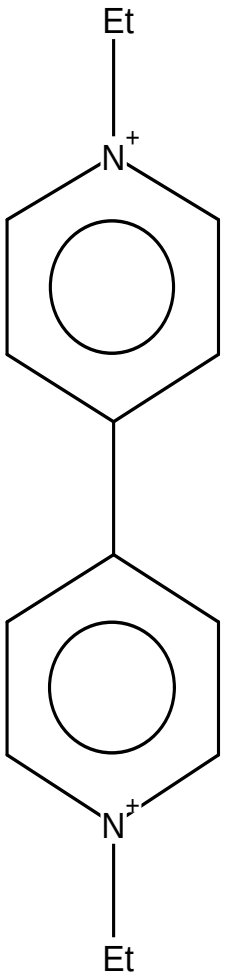
Formula: $0.5(C_{14}H_{18}N_2^{2+}),C_{11}H_1Fe_3O_{11}^{1-}$

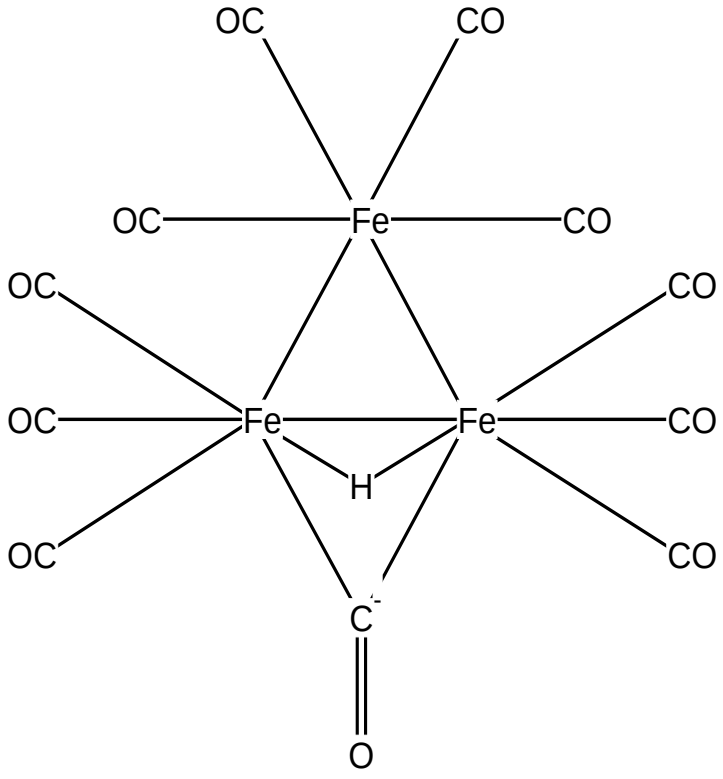
Compound Name: hemikis(1,1'-diethyl-4,4'-bipyridinium) (μ_2-carbonyl)-(μ_2-hydrido)-decacarbonyl-tri-iron

Synonym: hemikis(N,N'-diethylviologenium) (μ_2-carbonyl)-(μ_2-hydrido)-decacarbonyl-tri-iron

Space Group:	P21/c	***Cell:***	***a***	11.929(1)	***b***	10.779(1)	***c*** 17.129(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.40(0)	γ 90.00

R-Factor (%): 2.49 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.764





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 739

GIHNIV

Reference: C.Femoni, M.C.Iapalucci, G.Longoni, C.Tiozzo, J.Wolowska, S.Zacchini, E.Zazzaroni (2007) *Chem.-Eur.J. ,***13,**6544

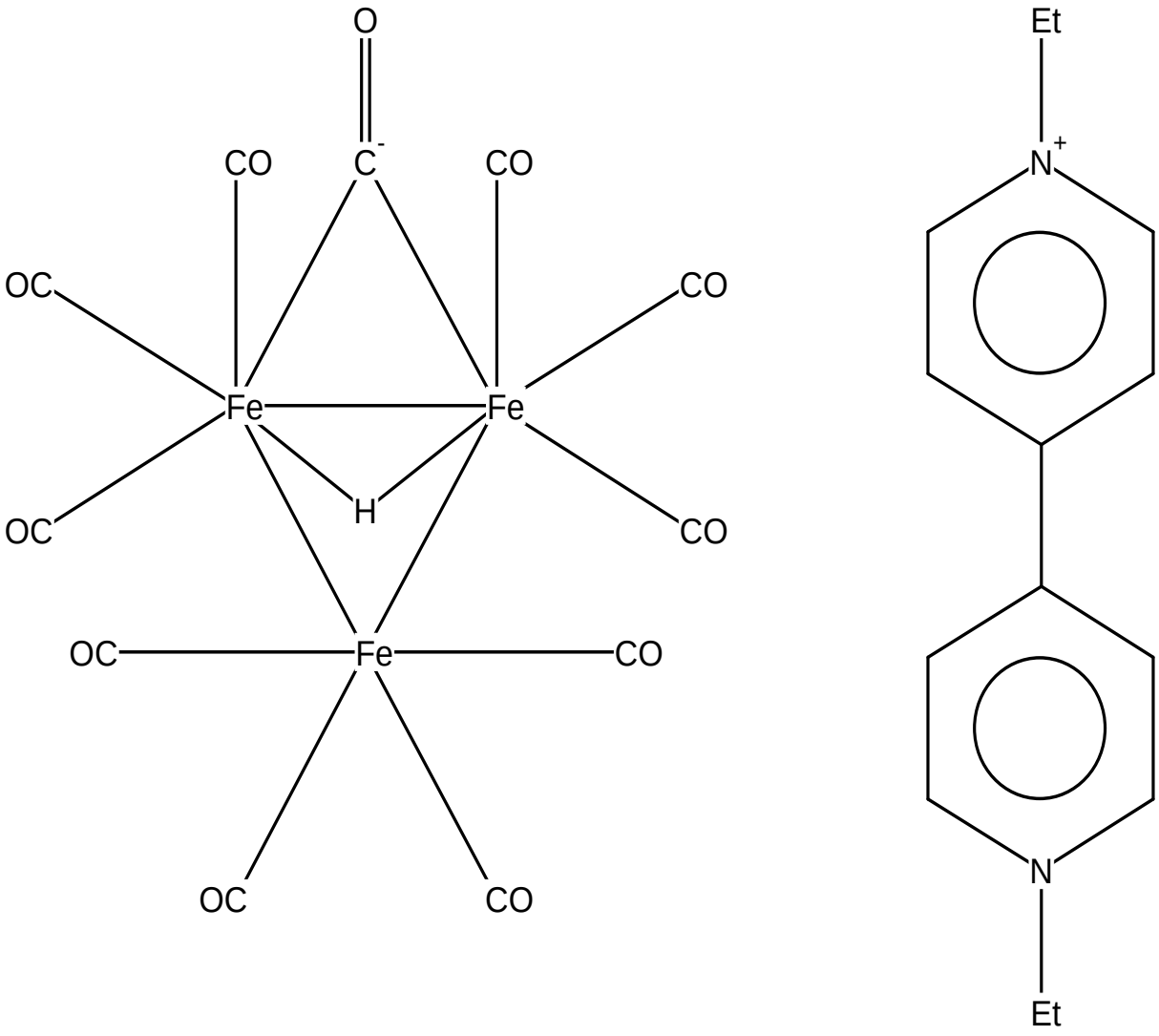
Formula: $C_{14}\ H_{18}\ N_2\ ^{1+},C_{11}\ H_1\ Fe_3\ O_{11}\ ^{1-}$

Compound Name: 1,1'-diethyl-4,4'-bipyridine cation radical (μ_2-carbonyl)-(μ_2-hydrido)-decacarbonyl-tri-iron

Synonym: N,N'-diethylviologen cation radical (μ_2-carbonyl)-(μ_2-hydrido)-decacarbonyl-tri-iron

Space Group:	Pccn	***Cell:***	***a***	17.150(6)	***b***	24.454(9)	***c***	12.751(5)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.43 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.716



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 740

GIHNOB

Reference: C.Femoni, M.C.Iapalucci, G.Longoni, C.Tiozzo, J.Wolowska, S.Zacchini, E.Zazzaroni (2007) *Chem.-Eur.J. ,***13,**6544

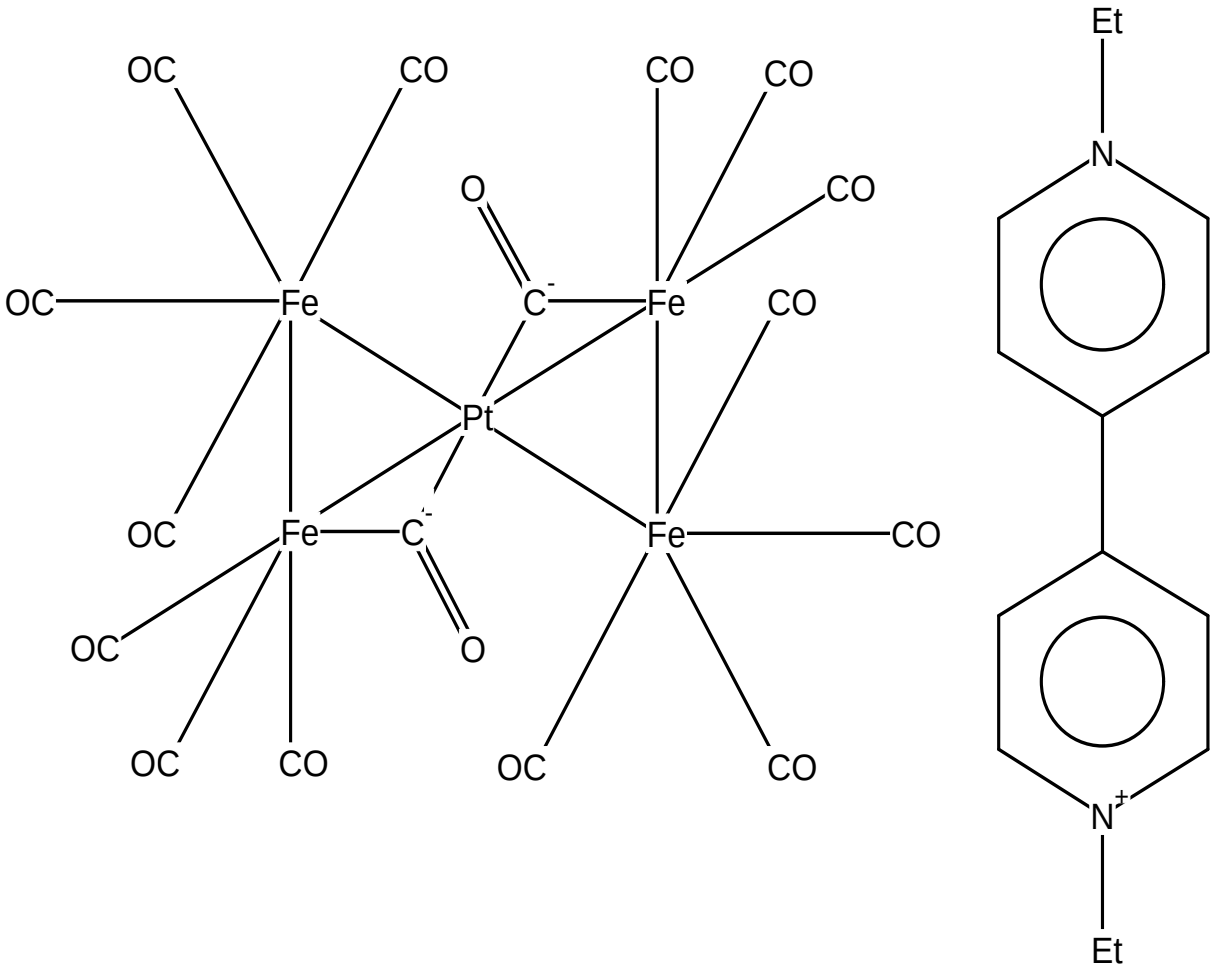
Formula: $2(C_{14}H_{18}N_2^{1+}),C_{16}Fe_4O_{16}Pt_1^{2-}$

Compound Name: bis(1,1'-diethyl-4,4'-bipyridine radical cation) bis(μ_2-carbonyl)-tetradecacarbonyl-tetra-iron-platinum

Synonym: bis(N,N'-diethylviologen radical cation) bis(μ_2-carbonyl)-tetradecacarbonyl-tetra-iron-platinum

Space Group:	C2/c	***Cell:***	***a***	14.741(2)	***b***	22.361(4)	***c***	14.306(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.35(0)	γ	90.00

R-Factor (%): 2.59 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.849



Search: search1 (Thu May 26 10:05:42 2011): Hit 741

GIHNUH

Reference: C.Femoni, M.C.Iapalucci, G.Longoni, C.Tiozzo, J.Wolowska, S.Zacchini, E.Zazzaroni (2007) *Chem.-Eur.J. ,***13,**6544

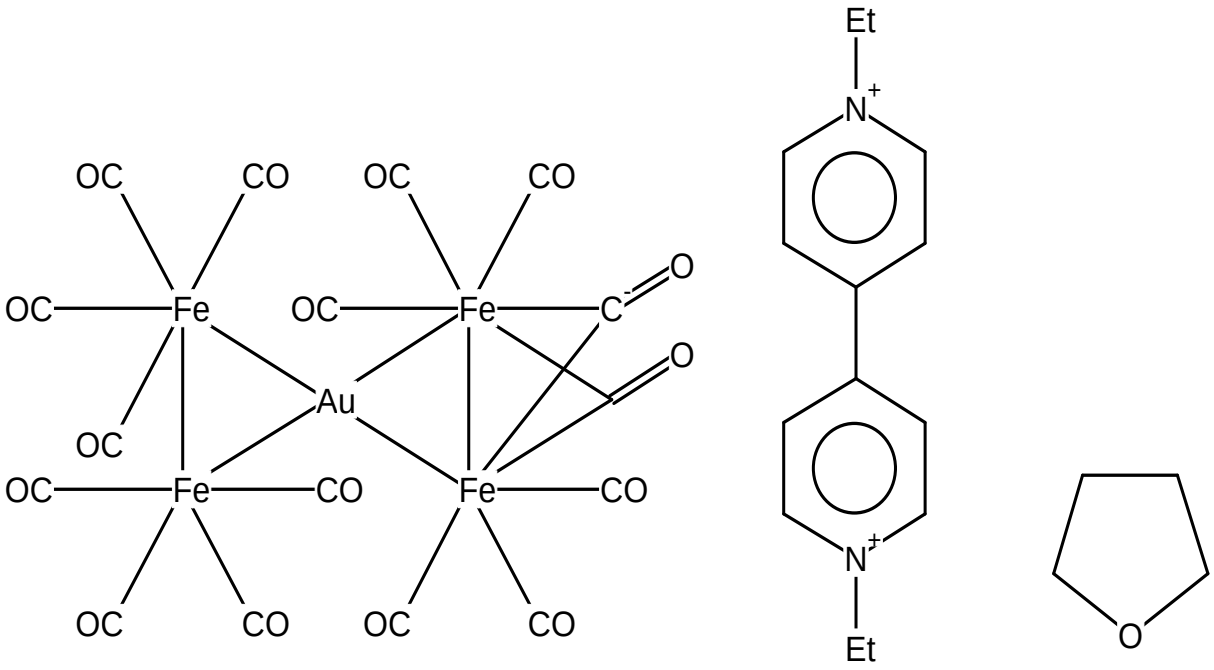
Formula: $0.5(C_{14}H_{18}N_2^{2+}),C_{16}Au_1Fe_4O_{16}^{1-},C_4H_8O_1$

Compound Name: hemikis(1,1'-diethyl-4,4'-bipyridine radical cation) bis(μ_2-carbonyl)-tetradecacarbonyl-tetra-iron-gold tetrahydrofuran solvate

Synonym: hemikis(N,N'-diethylviologen radical cation) bis(μ_2-carbonyl)-tetradecacarbonyl-tetra-iron-gold tetrahydrofuran solvate

Space Group:	P21/c	***Cell:***	***a***	15.397(2)	***b***	12.081(1)	***c*** 19.807(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	110.86(0)	γ 90.00

R-Factor (%): 2.37 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.021



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 742

GIHPET

Reference: C.Femoni, M.C.Iapalucci, G.Longoni, C.Tiozzo, J.Wolowska, S.Zacchini, E.Zazzaroni (2007) *Chem.-Eur.J. ,***13,**6544

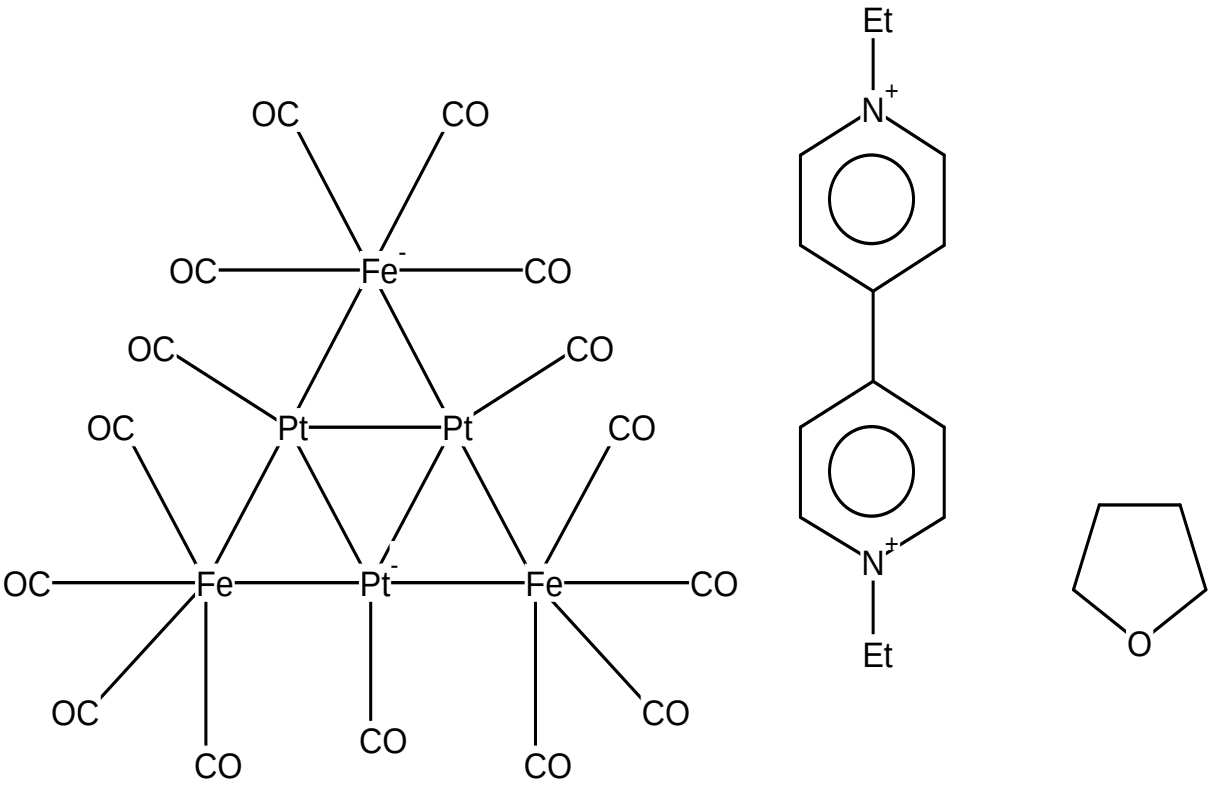
Formula: $C_{14}\ H_{18}\ N_2\ ^{2+}, C_{15}\ Fe_3\ O_{15}\ Pt_3\ ^{2-}, C_4\ H_8\ O_1$

Compound Name: 1,1'-diethyl-4,4'-bipyridine radical cation pentadecacarbonyl-tri-iron-tri-platinum tetrahydrofuran solvate

Synonym: N,N'-diethylviologen radical cation pentadecacarbonyl-tri-iron-tri-platinum tetrahydrofuran solvate

Space Group:	P21/c	***Cell:***	***a***	10.056(1)	***b***	9.822(1)	***c*** 39.477(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.30(0)	γ 90.00

R-Factor (%): 3.94 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.486



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 743

GIHYEC

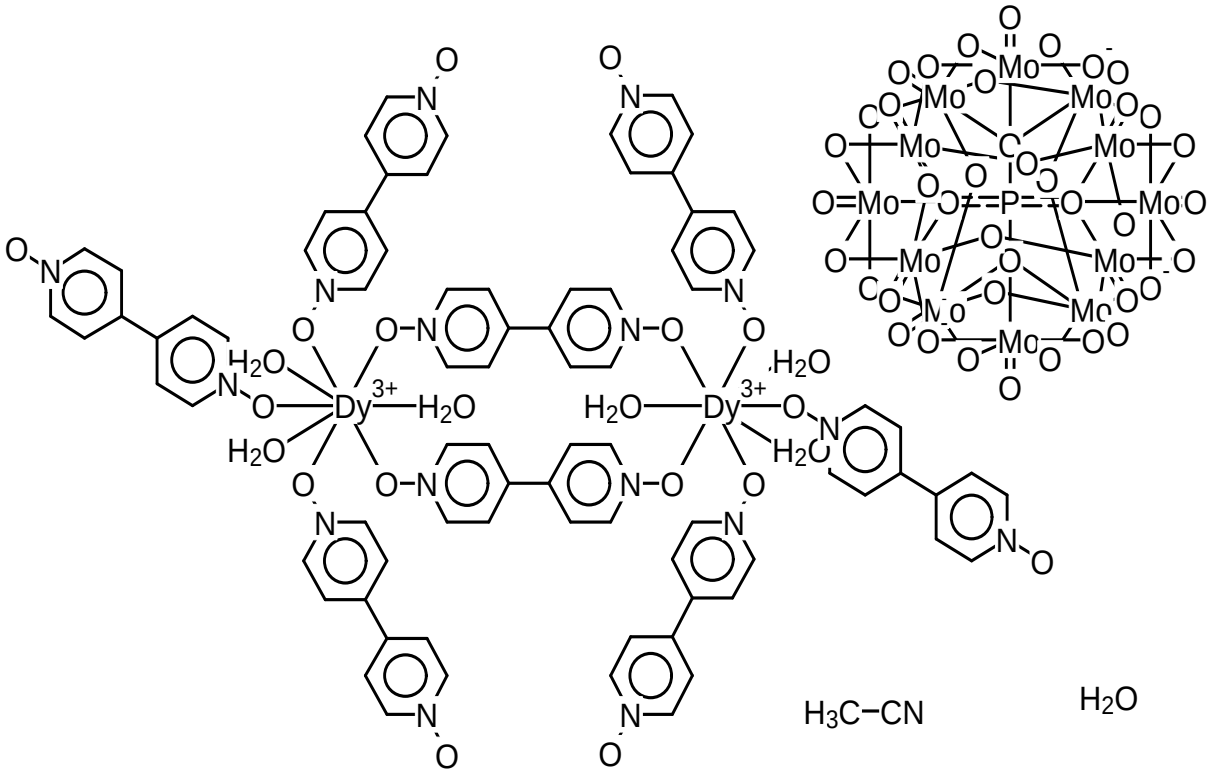
Reference: Meilin Wei, Cheng He, Qiaozhen Sun, Qingjin Meng, Chunying Duan (2007) *Inorg.Chem.* ,**46,**5957

Formula: $C_{80}\ H_{76}\ Dy_2\ N_{16}\ O_{22}\ ^{6+}$,2($Mo_{12}\ O_{40}\ P_1\ ^{3-}$),2($C_2\ H_3\ N_1$),4($H_2\ O_1$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-hexaaqua-hexakis(4,4'-bipyridine-N,N'-dioxide-O)-di-dysprosium(iii) bis((μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum) acetonitrile solvate tetrahydrate

Space Group:	P-1	***Cell:***	***a***	11.699(1)	***b***	17.476(1)	***c***	18.847(1)
Space Group No.:	2	***(Å,°)***	α	92.07(0)	β	97.64(0)	γ	98.84(0)

R-Factor (%): 5.55 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.529



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 744

GIHYIG

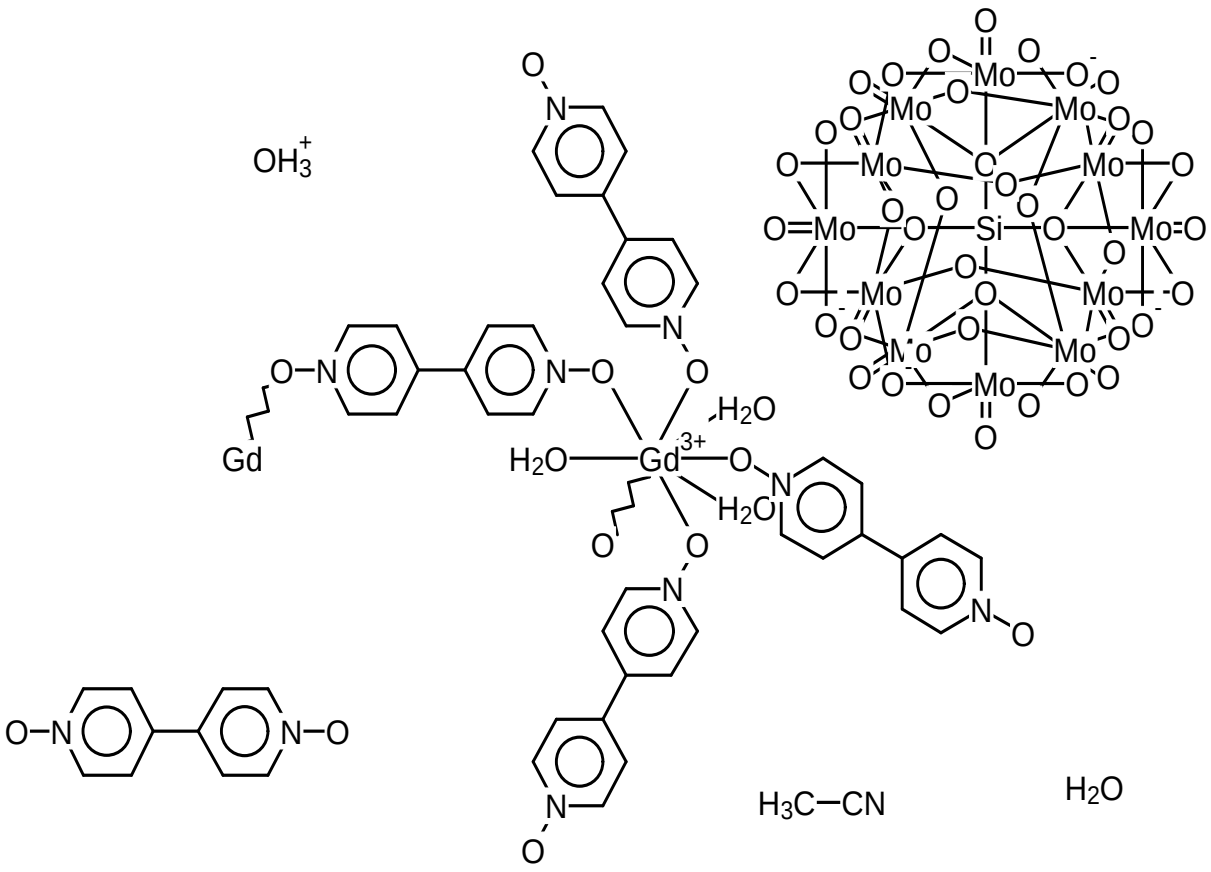
Reference: Meilin Wei, Cheng He, Qiaozhen Sun, Qingjin Meng, Chunying Duan (2007) *Inorg.Chem.* ,**46,**5957

Formula: $(C_{40}\ H_{38}\ Gd_1\ N_8\ O_{11}\ ^{3+})n,n(H_3\ O_1\ ^{1+}),n(Mo_{12}\ O_{40}\ Si_1\ ^{4-}),0.5n(C_{10}\ H_8\ N_2\ O_2),0.5n(C_2$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-triaqua-tris(4,4'-bipyridine-N,N'-dioxide-O)-gadolinium(iii) hydroxonium (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum hemikis(4,4'-bipyridine-N,N'-dioxide) acetonitrile solvate trihydrate)

Space Group:	P-1	***Cell:***	***a***	13.222(3)	***b***	16.498(4)	***c*** 18.489(5)
Space Group No.:	2	***(Å,°)***	α	88.83(0)	β	82.06(0)	γ 83.14(0)

R-Factor (%): 6.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.488



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 745

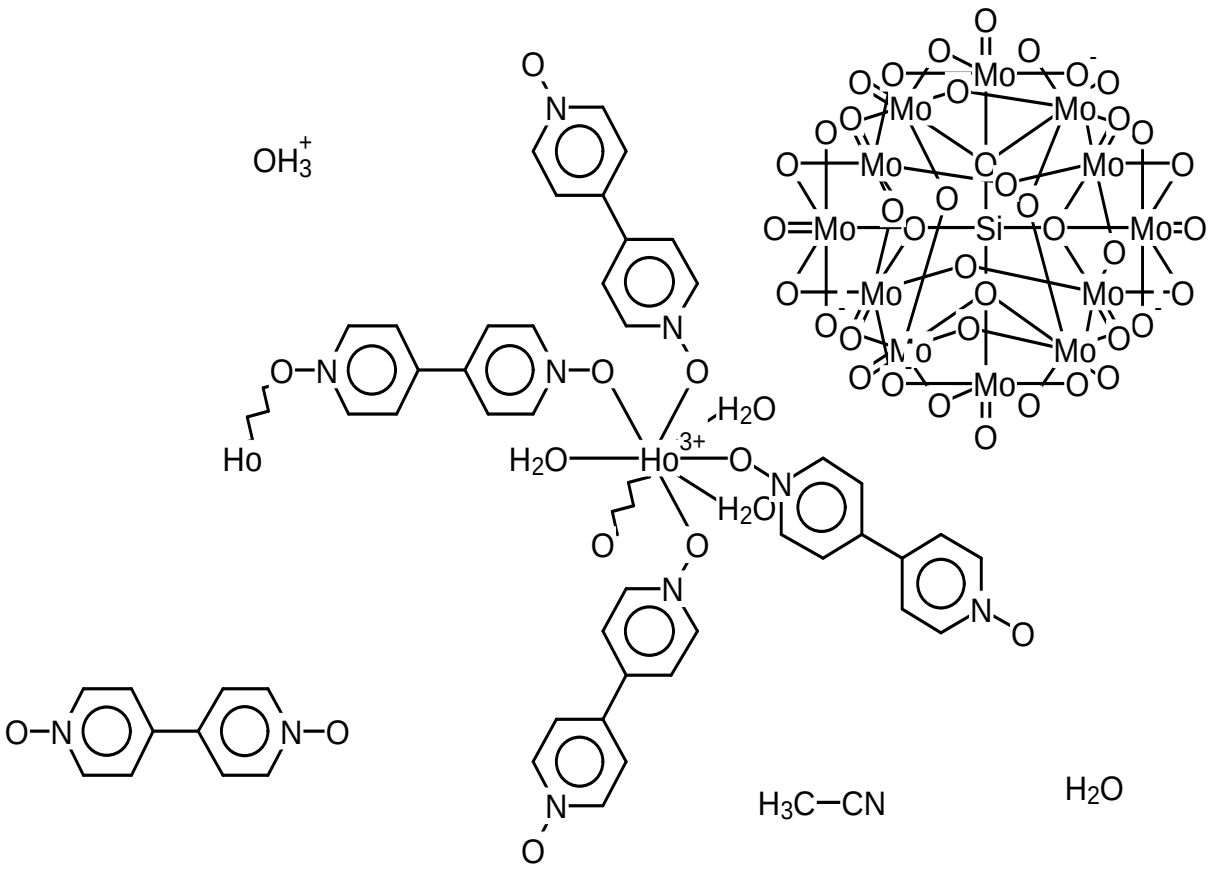
GIHYOM

Reference: Meilin Wei, Cheng He, Qiaozhen Sun, Qingjin Meng, Chunying Duan (2007) *Inorg.Chem. ,***46,**5957

Formula: $(C_{40}\ H_{38}\ Ho_1\ N_8\ O_{11}\ ^{3+})n,n(H_3\ O_1\ ^{1+}),n(Mo_{12}\ O_{40}\ Si_1\ ^{4-}),0.5n(C_{10}\ H_8\ N_2\ O_2),0.5n(C_2$

Compound Name: catena-((μ$_2$-4,4'-Bipyridine-N,N'-dioxide-O,O')-triaqua-tris(4,4'-bipyridine-N,N'-dioxide-O)-holmium(iii) hydroxonium (μ$_{12}$-silicato)-tetracosakis(μ$_2$-oxo)-dodecaoxo-dodeca-molybdenum hemikis(4,4'-bipyridine-N,N'-dioxide) acetonitrile solvate trihydrate)

Space Group:	P-1	***Cell:***	***a***	13.210(3)	***b***	16.532(3)	***c***	18.518(4)
Space Group No.:	2	***(Å,°)***	α	88.74(0)	β	81.98(0)	γ	83.31(0)
R-Factor (%):	5.74	***Temperature(K):***	293		***Density(g/cm^3):***	2.487		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 746

GIHYUS

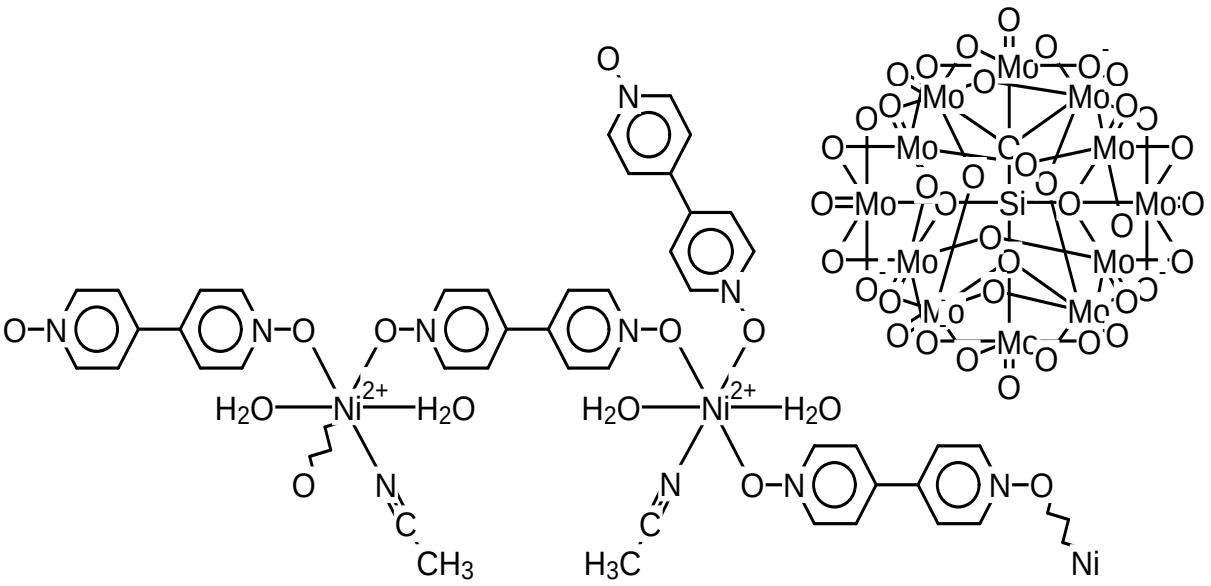
Reference: Meilin Wei, Cheng He, Qiaozhen Sun, Qingjin Meng, Chunying Duan (2007) *Inorg.Chem.* ,**46,**5957

Formula: $(C_{44}\ H_{46}\ N_{10}\ Ni_2\ O_{12}\ ^{4+})n,n(Mo_{12}\ O_{40}\ Si_1\ ^{4-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(acetonitrile)-tetraaqua-bis(4,4'-bipyridine-N,N'-dioxide-O)-di-nickel(ii) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum dihydrate)

Space Group:	P-1	***Cell:***	***a*** 11.430(3)	***b*** 12.242(3)	***c*** 14.279(3)
Space Group No.:	2	***(Å,°)***	α 106.20(0)	β 94.32(0)	γ 98.29(0)

R-Factor (%): 7.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.537



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 747

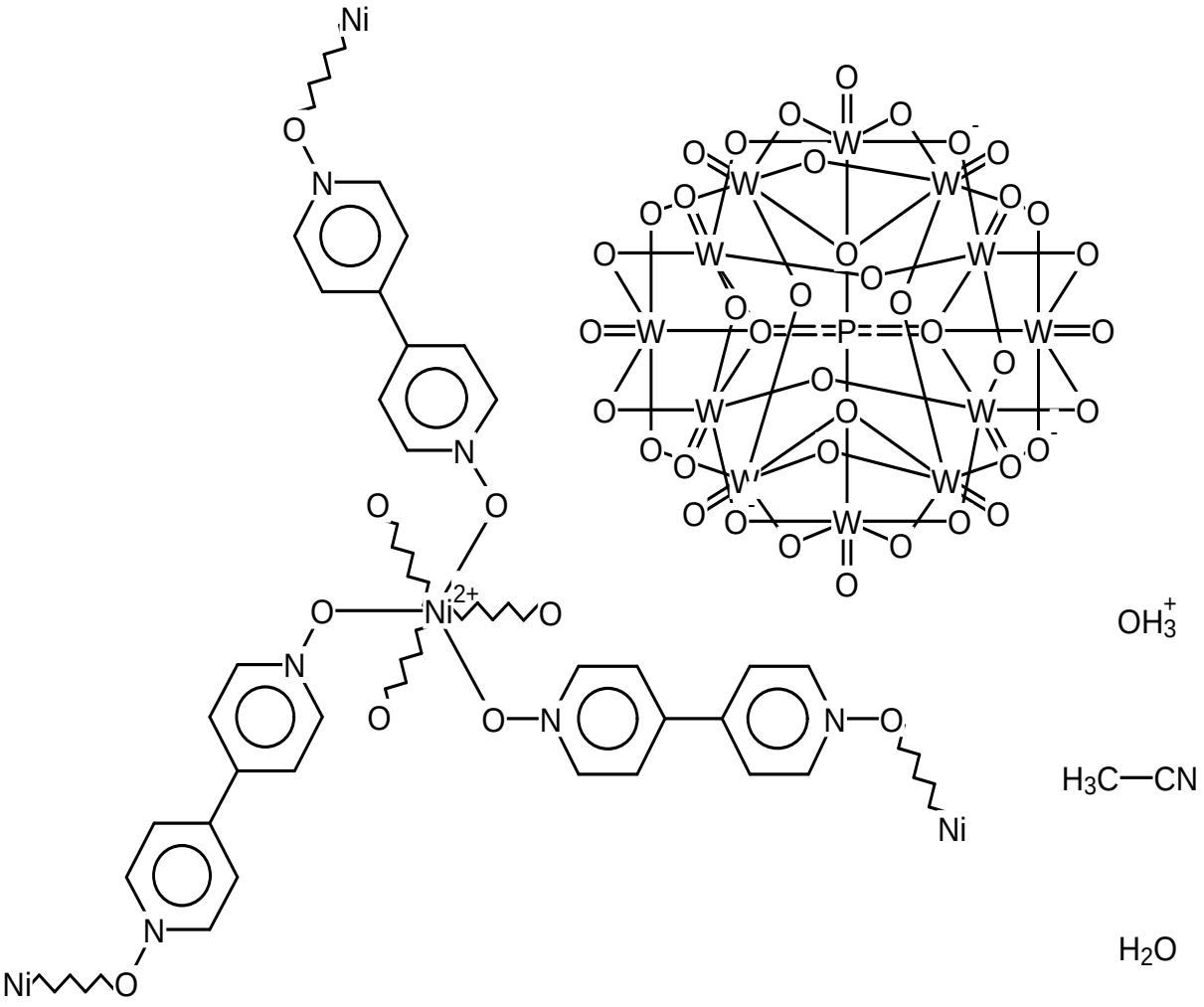
GIHZAZ

Reference: Meilin Wei, Cheng He, Qiaozhen Sun, Qingjin Meng, Chunying Duan (2007) *Inorg.Chem.* ,**46,**5957

Formula: $(C_{30}\ H_{24}\ N_6\ Ni_1\ O_6\ ^{2+})4n,3n(O_{40}\ P_1\ W_{12}\ ^{3-}),n(H_3\ O_1\ ^{1+}),12n(C_2\ H_3\ N_1),26n(H_2\ O_1)$

Compound Name: catena-(tetrakis(tris(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-nickel(ii)) hydroxonium tris((μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten) acetonitrile solvate hydrate)

Space Group:	Im-3	***Cell:***	***a***	23.133(1)	***b***	23.133(1)	***c***	23.133(1)
Space Group No.:	204	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.43	***Temperature(K):***	123		***Density(g/cm^3):***		3.247	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 748

GIHZED

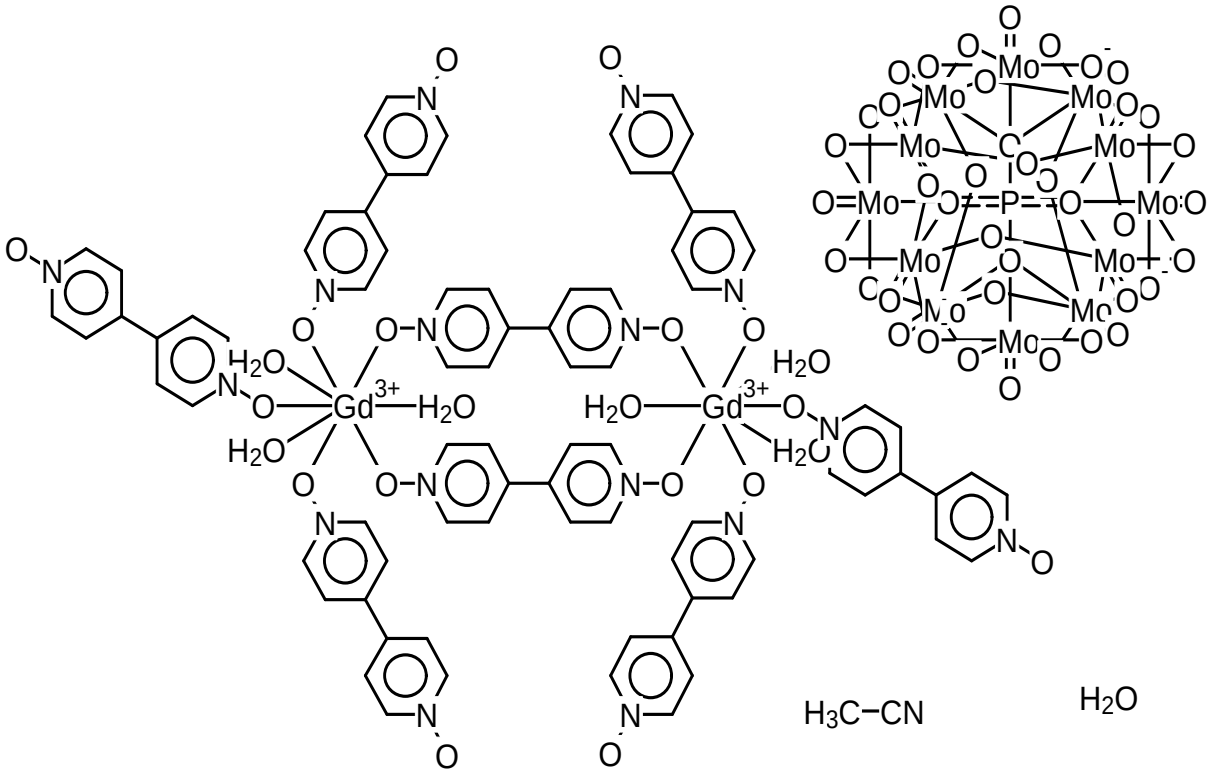
Reference: Meilin Wei, Cheng He, Qiaozhen Sun, Qingjin Meng, Chunying Duan (2007) *Inorg.Chem. ,***46,**5957

Formula: $C_{80}\ H_{76}\ Gd_2\ N_{16}\ O_{22}\ ^{6+}$,2($Mo_{12}\ O_{40}\ P_1\ ^{3-}$),2($C_2\ H_3\ N_1$),4($H_2\ O_1$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-hexaaqua-hexakis(4,4'-bipyridine-N,N'-dioxide-O)-di-gadolinium(iii) bis((μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum) acetonitrile solvate tetrahydrate

Space Group:	P-1	***Cell:***	***a***	11.736(4)	***b***	17.472(7)	***c***	18.857(7)
Space Group No.:	2	***(Å,°)***	α	92.19(0)	β	97.80(0)	γ	98.88(0)

R-Factor (%): 6.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.517



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 749

GIKQIB

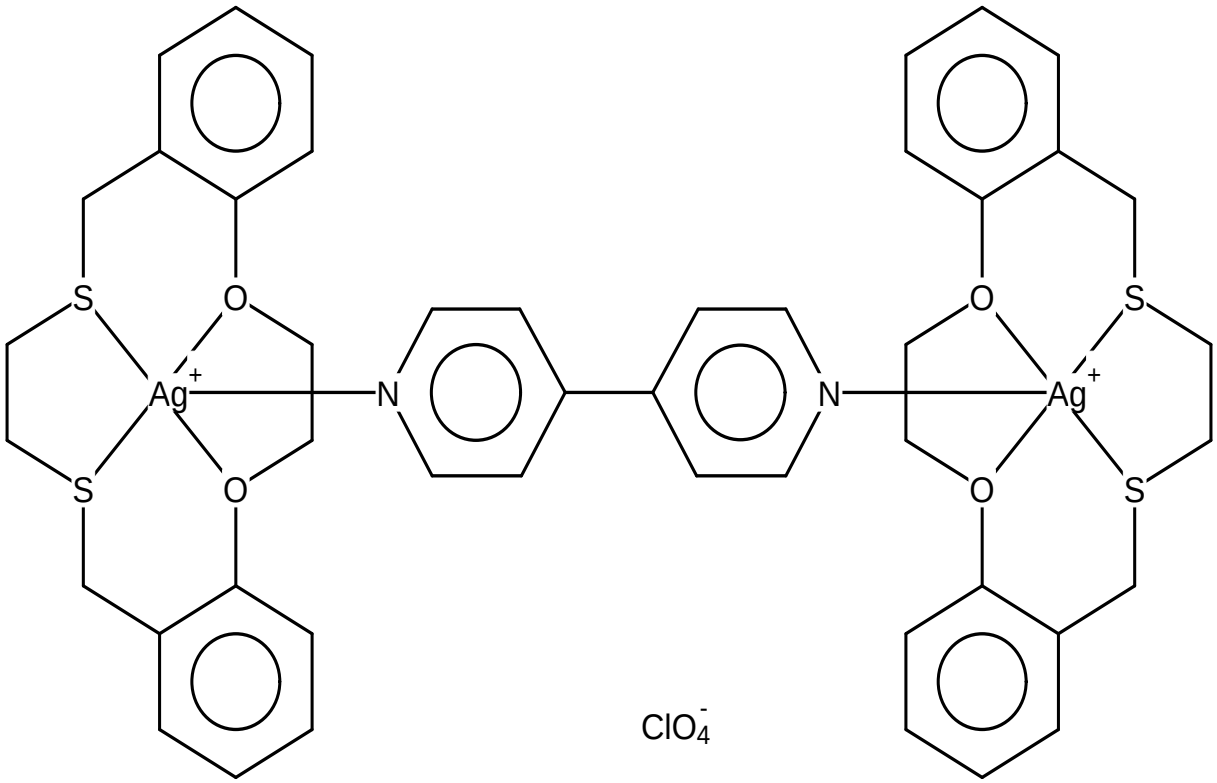
Reference: So Young Lee, Sunhong Park, Joobeom Seo, Shim Sung Lee (2007) *Inorg.Chem.Commun.* ,**10,**1102

Formula: $C_{46}\ H_{48}\ Ag_2\ N_2\ O_4\ S_4\ ^{2+},2(Cl_1\ O_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(3,6-dithia-14,17-dioxatricyclo(16.4.0.0^{8,13}) docosa-1(18),8(13),9,11,19,21-hexaene)-di-silver(i) diperchlorate

Space Group:	P-1	***Cell:***	***a***	8.186(0)	***b***	10.262(0)	***c***	14.618(1)
Space Group No.:	2	***(Å,°)***	α	85.88(0)	β	83.31(0)	γ	77.92(0)

R-Factor (%): 4.41 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.723



Search: search1 (Thu May 26 10:05:42 2011): Hit 750

GIMBIN

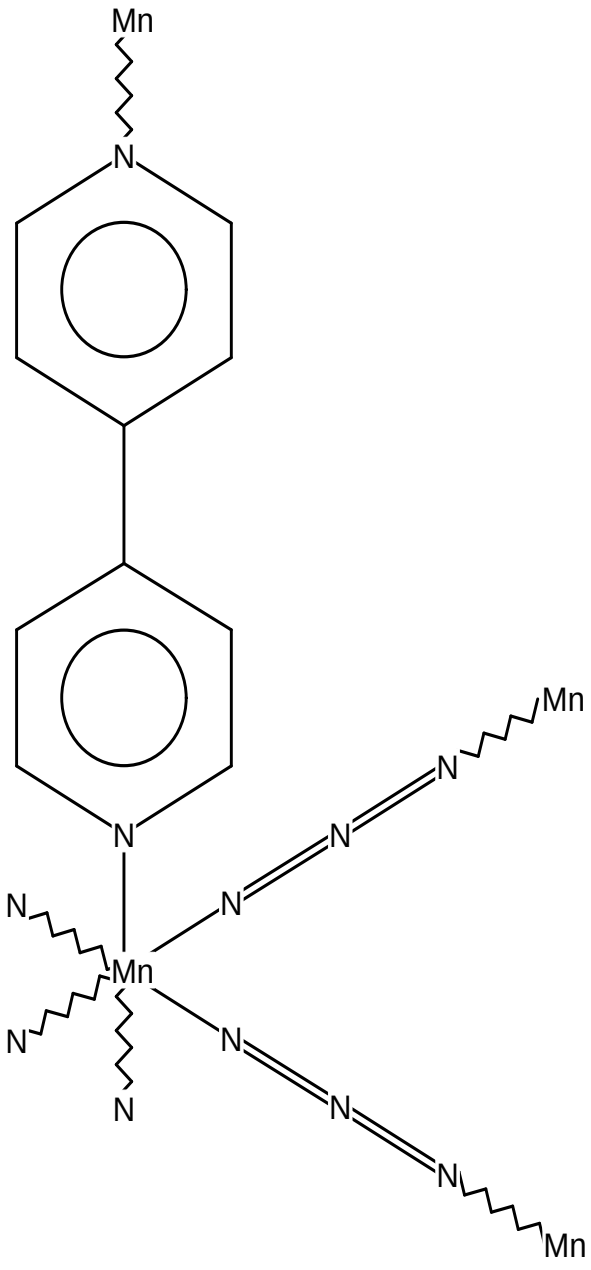
Reference: Hao-Yu Shen, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan, Bai-Wan Sun, Geng-Lin Wang, Xin-Kan Yao, Hong-Gen Wang (1998) *Chem.Lett.* ,469

Formula: $(C_{10}\ H_8\ Mn_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Azido)-(μ_2-4,4-bipyridyl)-manganese(iii))

Space Group:	P41212	***Cell:***	***a***	8.236(1)	***b***	8.236(1)	***c***	16.946(1)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.706



Search: search1 (Thu May 26 10:05:42 2011): Hit 751

GIMBIN01

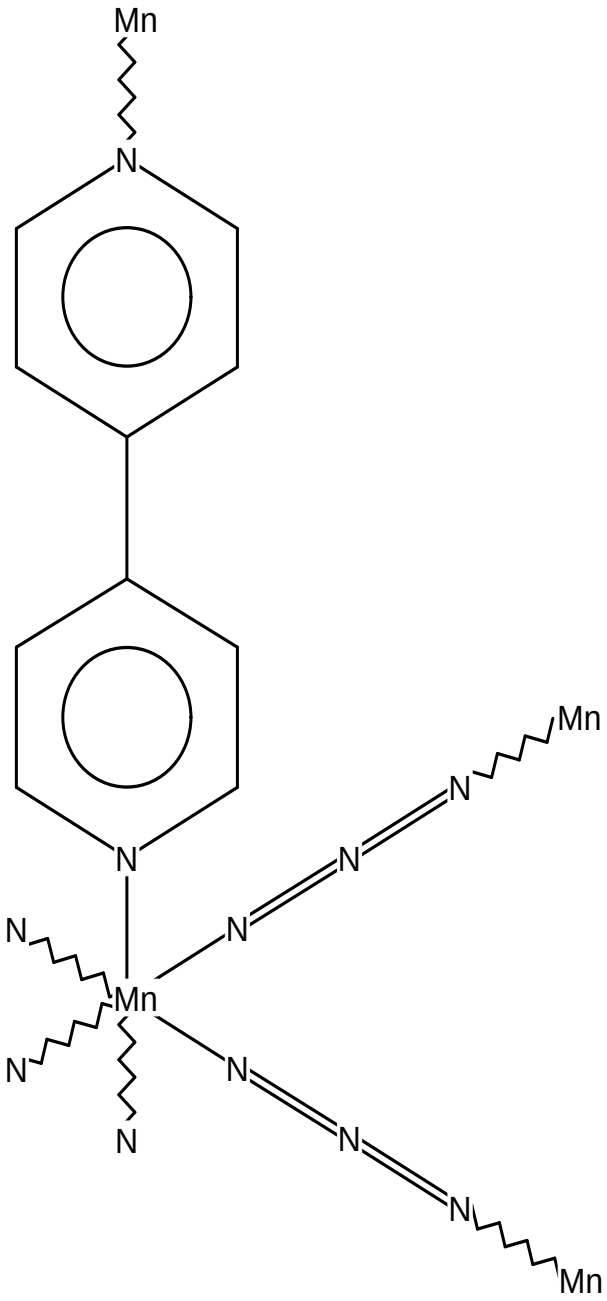
Reference: Long Pang, Neng-Wu Zheng, Yong-Gang Wu, Xiao-Ying Huang (1999) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**18,**41

Formula: $(C_{10}\ H_8\ Mn_1\ N_8)n$

Compound Name: catena(bis(μ_2-Azido-N,N')-(μ_2-4,4'-bipyridine)-manganese(ii))

Space Group:	P41212	***Cell:***	***a***	8.220(2)	***b***	8.220(2)	***c*** 16.918(5)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.715



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 752

GIMBIN02

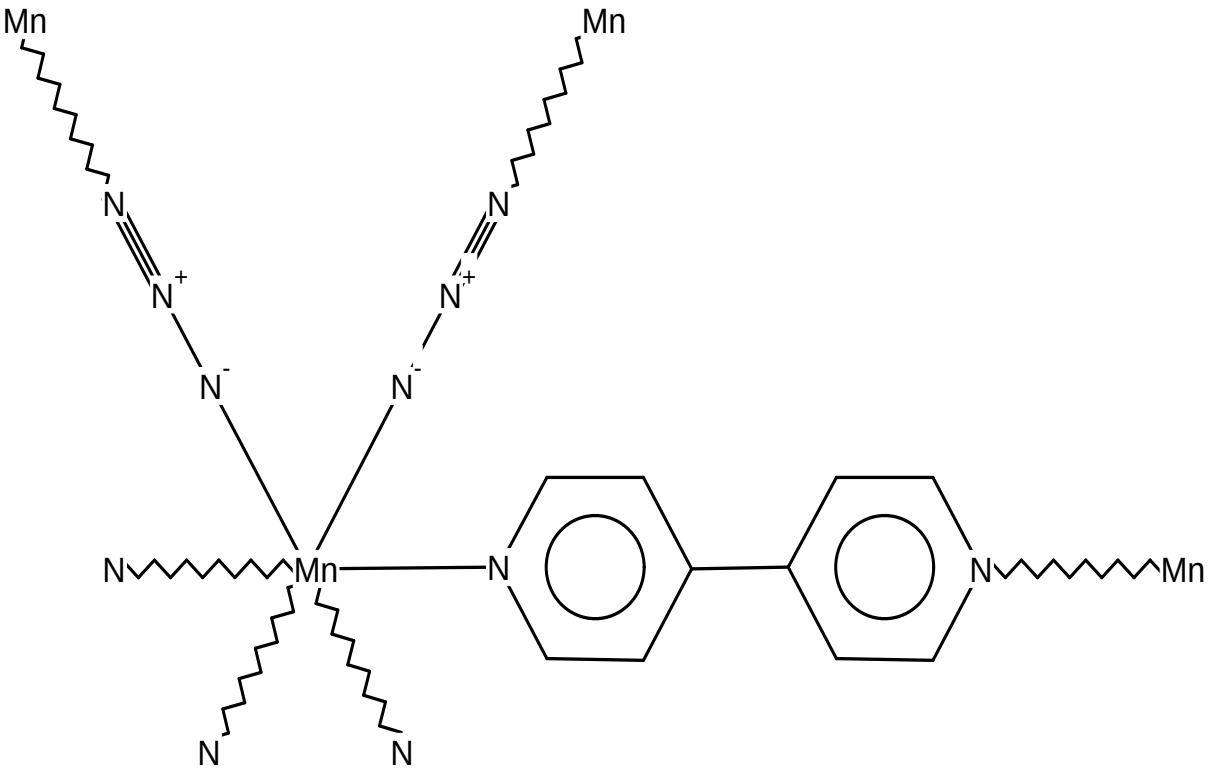
Reference: Cai-Ming Liu, Zhi Yu, Ren-Gen Xiong, Kai Liu, Xiao-Zeng You (1999) *Inorg.Chem.Commun.* ,**2,**31

Formula: $(C_{10}\ H_8\ Mn_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Azido)-(μ_2-4,4-bipyridyl)-manganese(iii))

Space Group:	P212121	***Cell:***	***a***	8.229(1)	***b***	8.238(1)	***c***	16.925(2)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.21 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.709



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 753

GIMBIN03

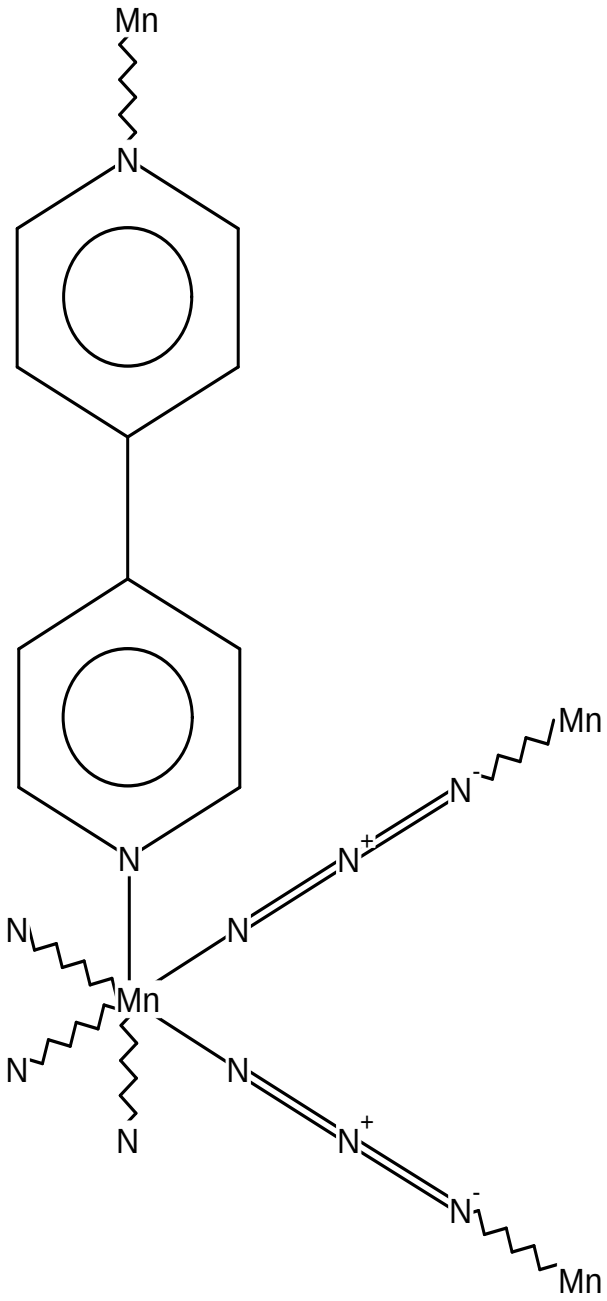
Reference: Sujin Han, J.L.Manson, Jinkwon Kim, J.S.Miller (2000) *Inorg.Chem. ,***39,**4182

Formula: $(C_{10}\ H_8\ Mn_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Azido)-(μ_2-4,4-bipyridyl)-manganese(ii))

Space Group:	P41212	***Cell:***	***a***	8.236(1)	***b***	8.236(1)	***c*** 16.937(3)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.09 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.707



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 754

GIMBIN04

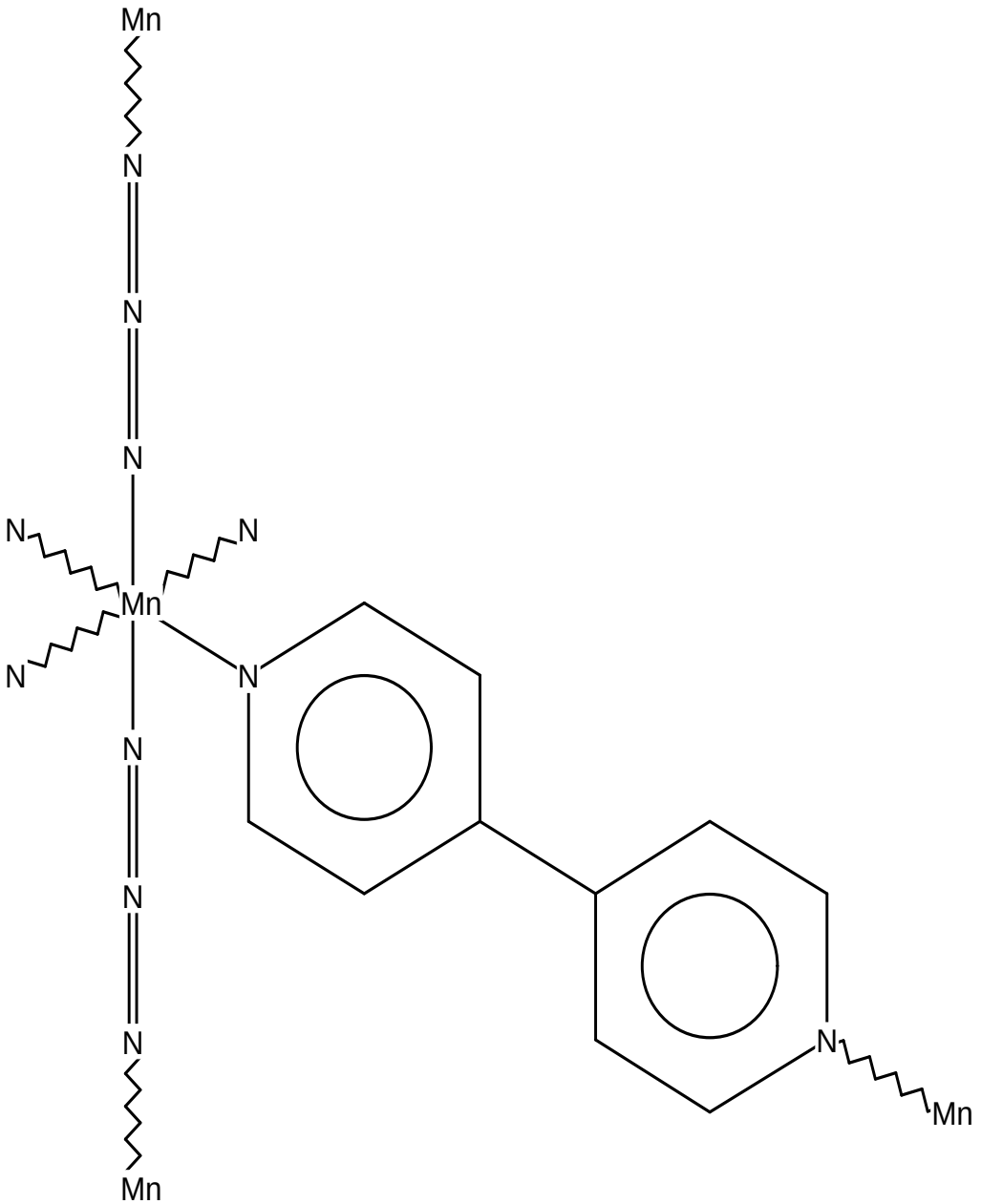
Reference: Hongwei Hou, Yongli Wei, Yaoting Fan, Chenxia Du, Yu Zhu, Yinglin Song, Yunyin Niu, Xinquan Xin (2001) *Inorg.Chim.Acta* ,**319,**212

Formula: $(C_{10}\ H_8\ Mn_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Azido)-(μ_2-4,4'-bipyridine)-manganese(ii))

Space Group:	P43212	***Cell:***	***a***	8.274(1)	***b***	8.274(1)	***c***	17.071(3)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.678



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 755

GIMBIN05

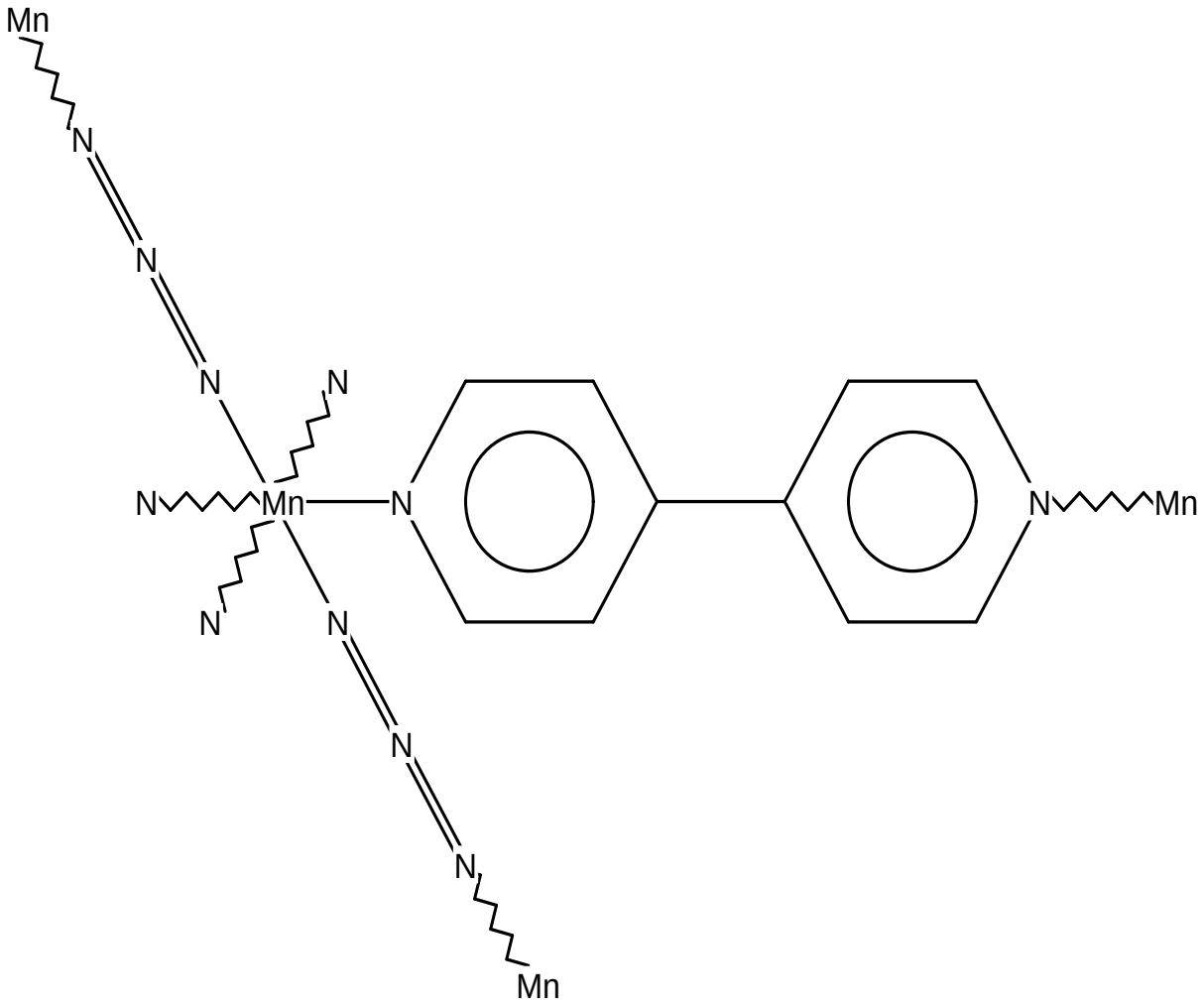
Reference: S.Martin, M.G.Barandika, L.Lezama, J.L.Pizarro, Z.E.Serna, J.I.R.de Larramendi, M.I.Arriortua, T.Rojo, R.Cortes (2001) *Inorg.Chem. ,***40,**4109

Formula: $(C_{10}\ H_8\ Mn_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Azido)-(μ_2-4,4'-bipyridine)-manganese(ii))

Space Group:	P43212	***Cell:***	***a***	8.229(2)	***b***	8.229(2)	***c***	16.915(7)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.712



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 756

GIMCAH

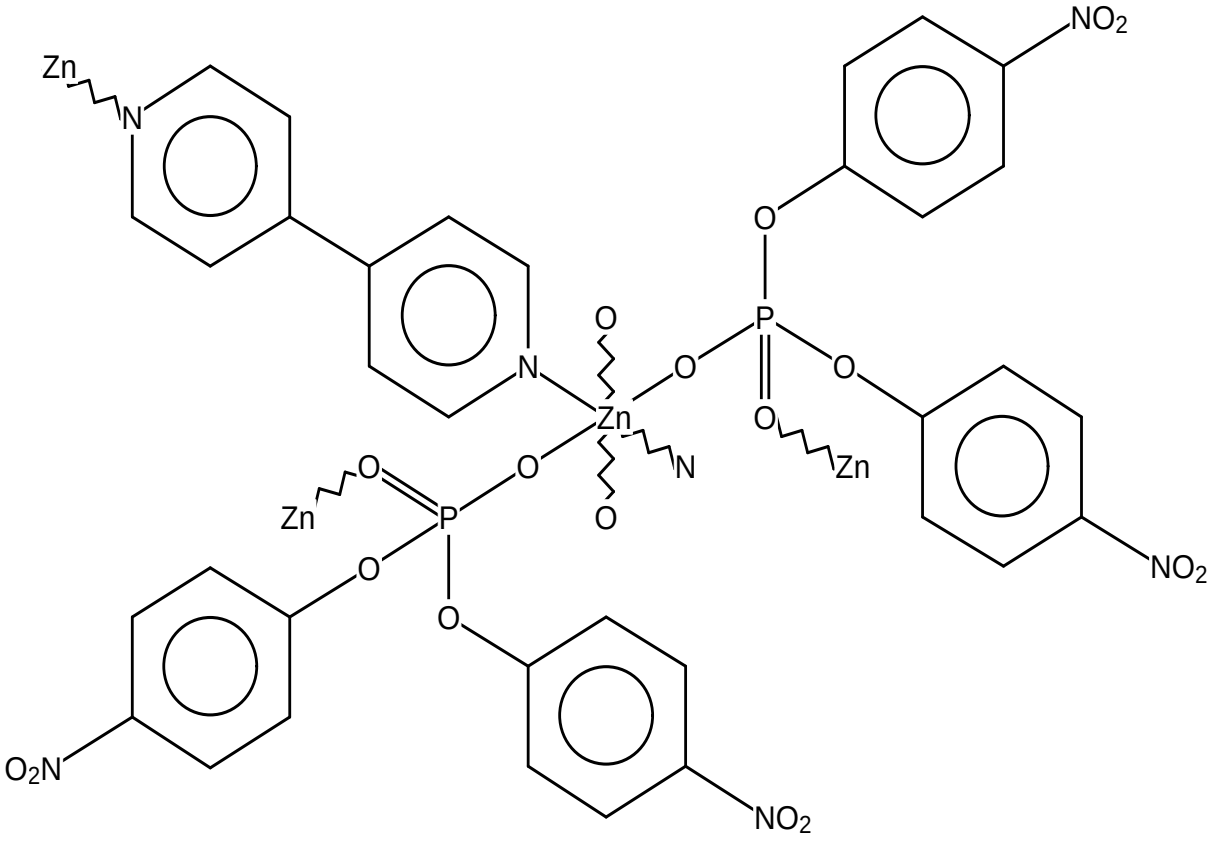
Reference: S.Marivel, M.R.Shimpi, V.R.Pedireddi (2007)
Cryst.Growth Des. ,**7,**1791

Formula: $(C_{34}\ H_{24}\ N_6\ O_{16}\ P_2\ Zn_1)n$

Compound Name: catena-[bis(μ_4-bis(4-Nitrophenyl)phosphato)-(μ_2-4,4'-bipyridyl)-zinc(ii)]

Space Group:	C2/c	***Cell:***	***a***	30.153(5)	***b*** 5.395(9)	***c***	22.978(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.76(3)	γ	90.00

R-Factor (%): 3.87 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.670



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 757

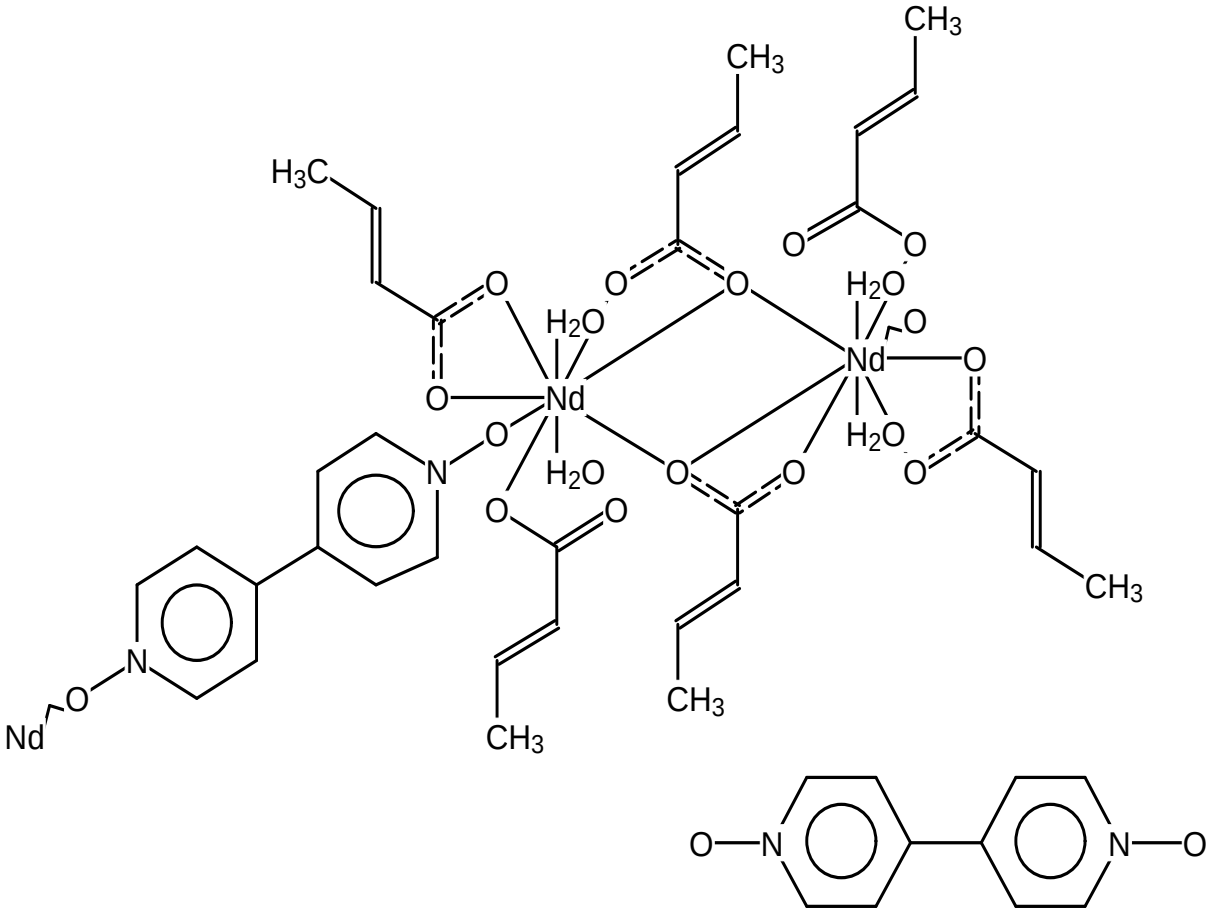
GIMJIW

Reference: A.M.Atria, M.A.Mora, M.T.Garland, R.Baggio (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **63,**m490

Formula: $(C_{34}\ H_{46}\ N_2\ Nd_2\ O_{18})n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-(bis(μ_2-But-2-enoato-O,O,O')-(μ_2-4,4'-bipyridyl dioxide)-bis(but-2-enoato-O,O')-bis(but-2-enoato-O)-tetraaqua-di-neodymium(iii) 4,4'-bipyridyl dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	9.350(1)	***b***	12.016(1)	***c***	12.853(1)
Space Group No.:	2	***(Å,°)***	α	84.50(0)	β	70.53(0)	γ	68.63(0)
R-Factor (%):	3.37	***Temperature(K):***	298	***Density(g/cm^3):***	1.634			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 758

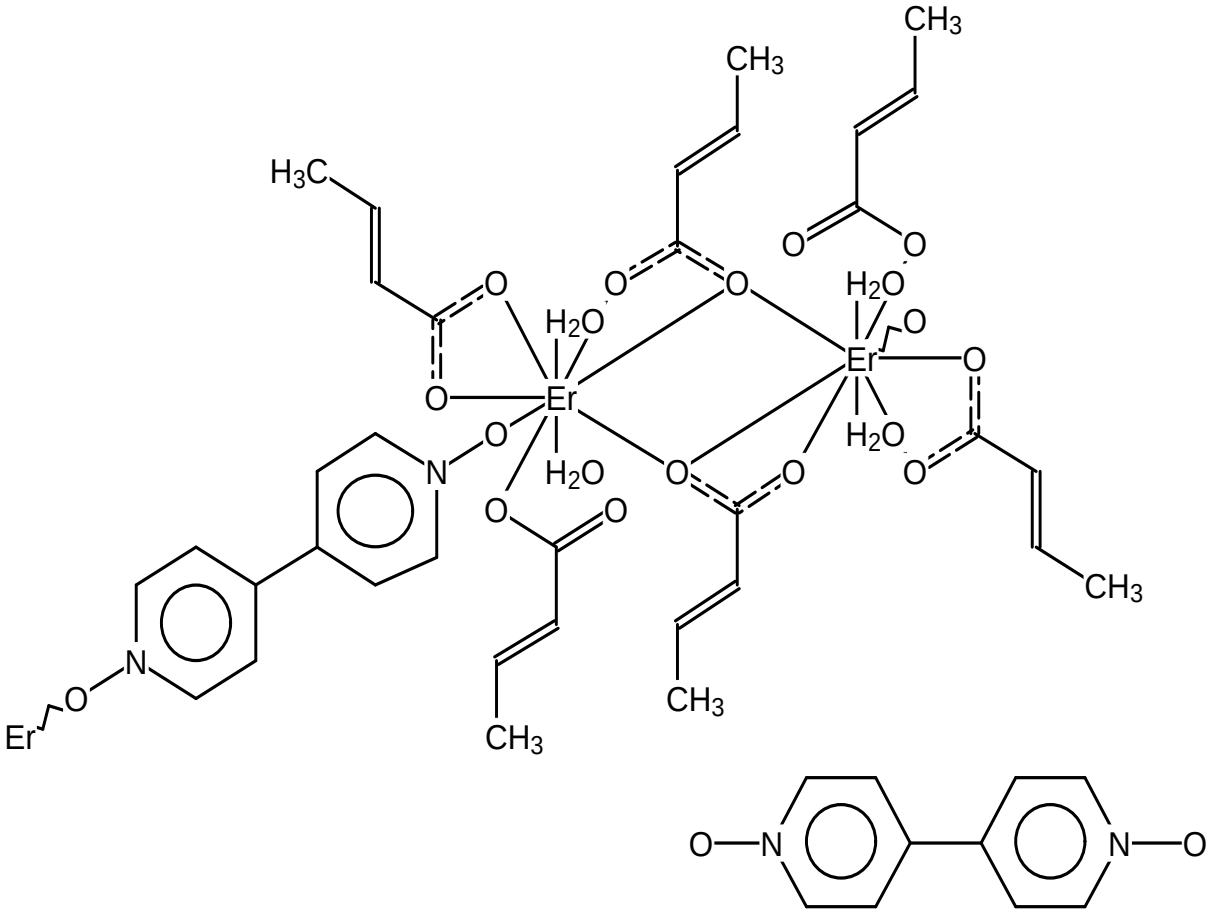
GIMJOC

Reference: A.M.Atria, M.A.Mora, M.T.Garland, R.Baggio (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **63,**m490

Formula: $(C_{34}\ H_{46}\ Er_2\ N_2\ O_{18})n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-(bis(μ_2-But-2-enoato-O,O,O')-(μ_2-4,4'-bipyridyl dioxide)-bis(but-2-enoato-O,O')-bis(but-2-enoato-O)-tetraaqua-di-erbium(iii) 4,4'-bipyridyl dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	9.173(0)	***b***	12.036(1)	***c*** 12.722(1)
Space Group No.:	2	***(Å,°)***	α	85.73(0)	β	71.18(0)	γ 69.10(0)
R-Factor (%):	3.80	***Temperature(K):***	298	***Density(g/cm^3):***	1.731		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 759

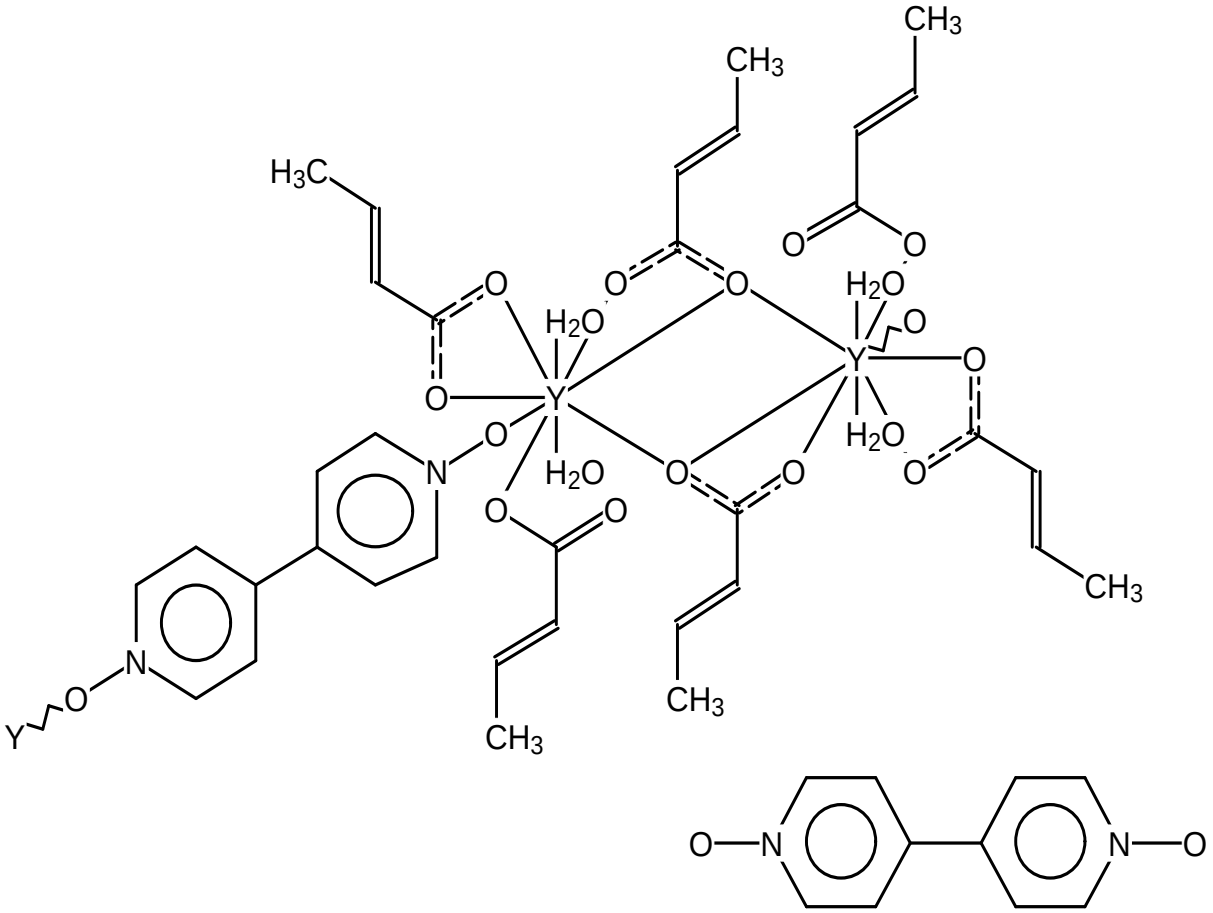
GIMJUI

Reference: A.M.Atria, M.A.Mora, M.T.Garland, R.Baggio (2007)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***63,**m490

Formula: $(C_{34}\ H_{46}\ N_2\ O_{18}\ Y_2)n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-(bis(μ_2-But-2-enoato-O,O,O')-(μ_2-4,4'-bipyridyl dioxide)-bis(but-2-enoato-O,O')-bis(but-2-enoato-O)-tetraaqua-di-yttrium(iii) 4,4'-bipyridyl dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	9.187(1)	***b***	12.029(1)	***c*** 12.728(1)
Space Group No.:	2	***(Å,°)***	α	85.71(0)	β	71.08(0)	γ 69.17(0)
R-Factor (%):	4.83	***Temperature(K):***	298		***Density(g/cm^3):***	1.519	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 760

GIMYIL

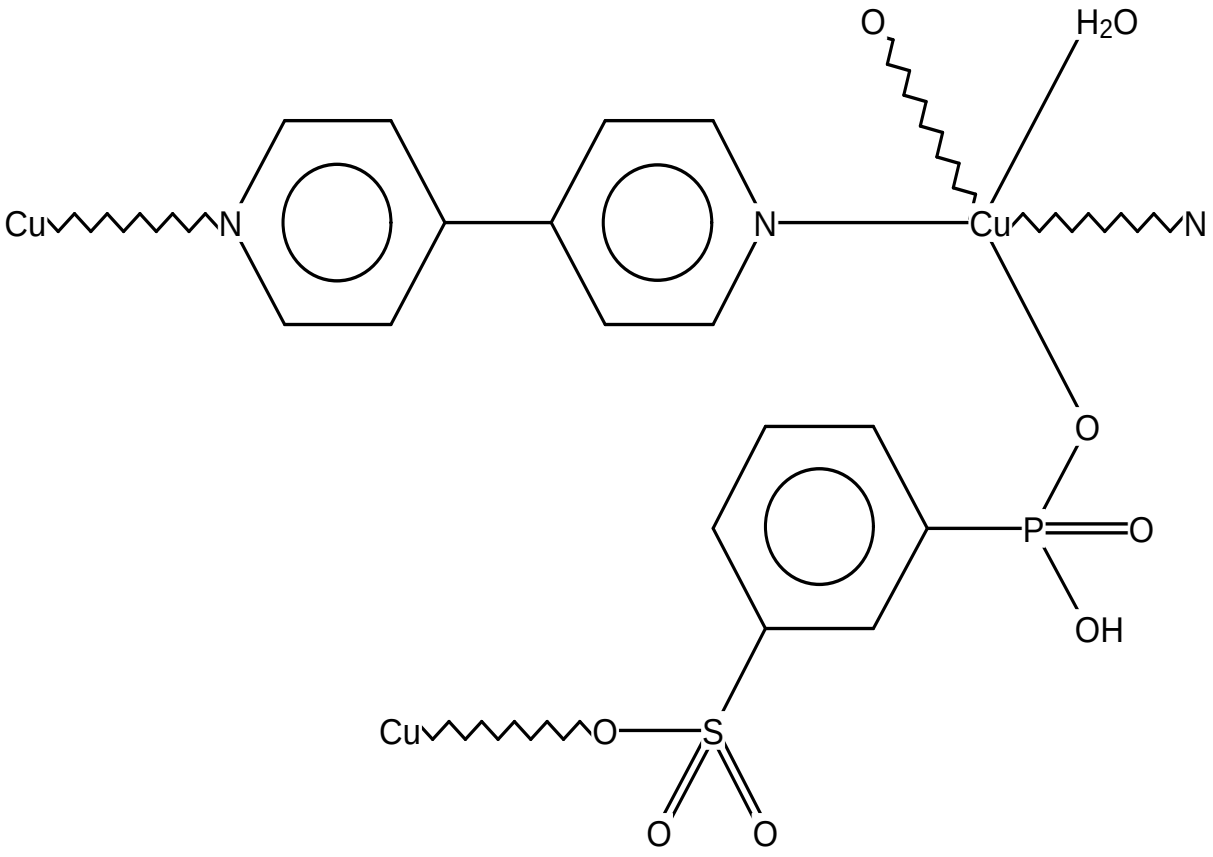
Reference: Zi-Yi Du, Yong-Rong Xie, He-Rui Wen (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2766

Formula: $(C_{16}\ H_{15}\ Cu_1\ N_2\ O_7\ P_1\ S_1)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridyl-N,N')-(μ_2-3-phosphonatobenzenesulfonato-O,O')-aqua-copper(ii))

Space Group:	P21/c	***Cell:***	***a***	10.982(0)	***b*** 11.292(0)	***c***	15.119(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.33(0)	γ	90.00

R-Factor (%): 4.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.790



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 761

GINWOQ

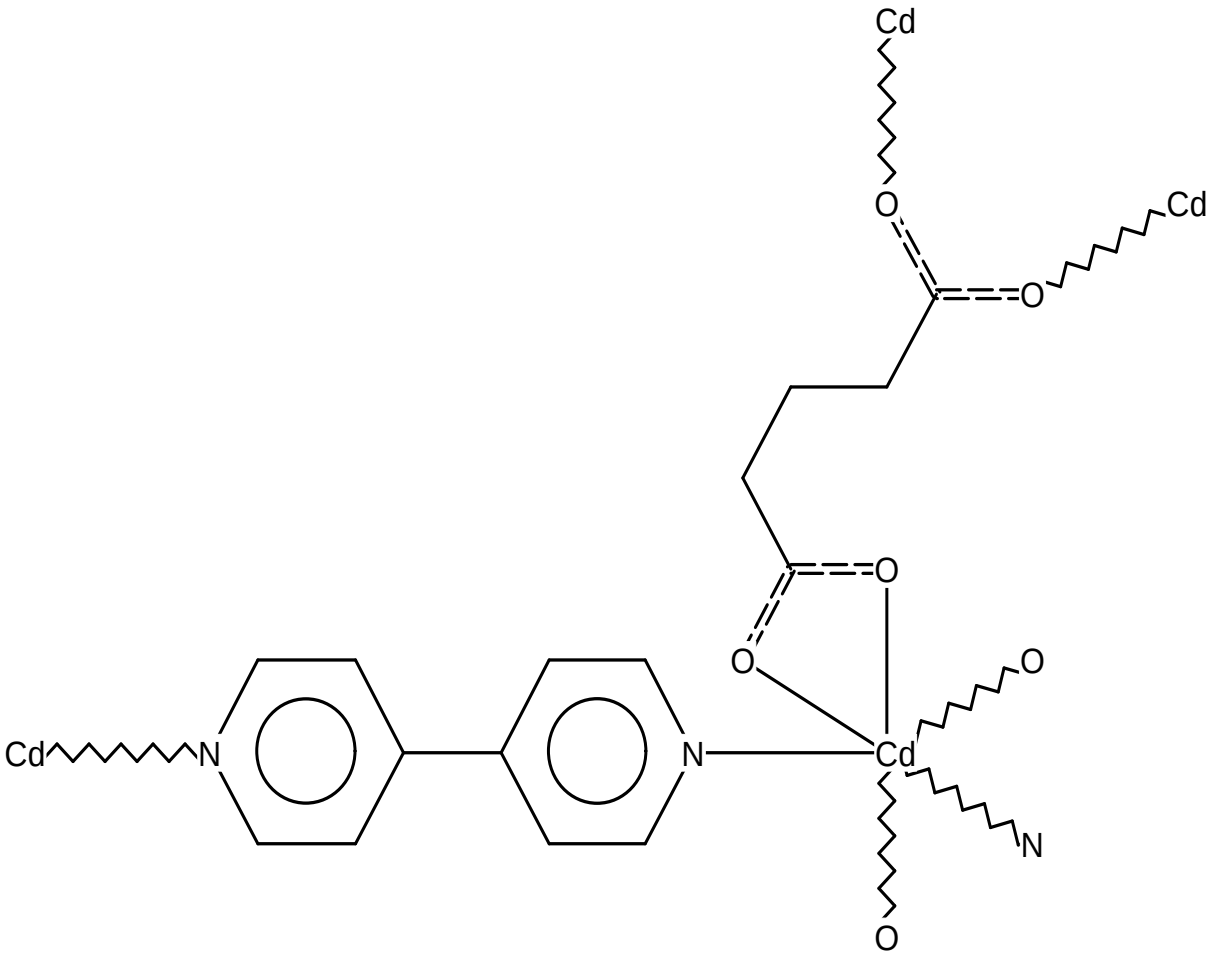
Reference: Xinxin Xu, Ying Ma, Enbo Wang (2007)
*J.Solid State Chem. ,***180,**3136

Formula: $(C_{15}\ H_{14}\ Cd_1\ N_2\ O_4)n$

Compound Name: catena-((μ_3-glutarato)-(μ_2-4,4'-bipyridine)-cadmium(ii))

Space Group:	P-1	***Cell:***	***a***	8.376(1)	***b***	9.725(1)	***c*** 10.028(2)
Space Group No.:	2	***(Å,°)***	α	107.07(3)	β	94.66(3)	γ 106.92(3)

R-Factor (%): 3.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.803



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 762

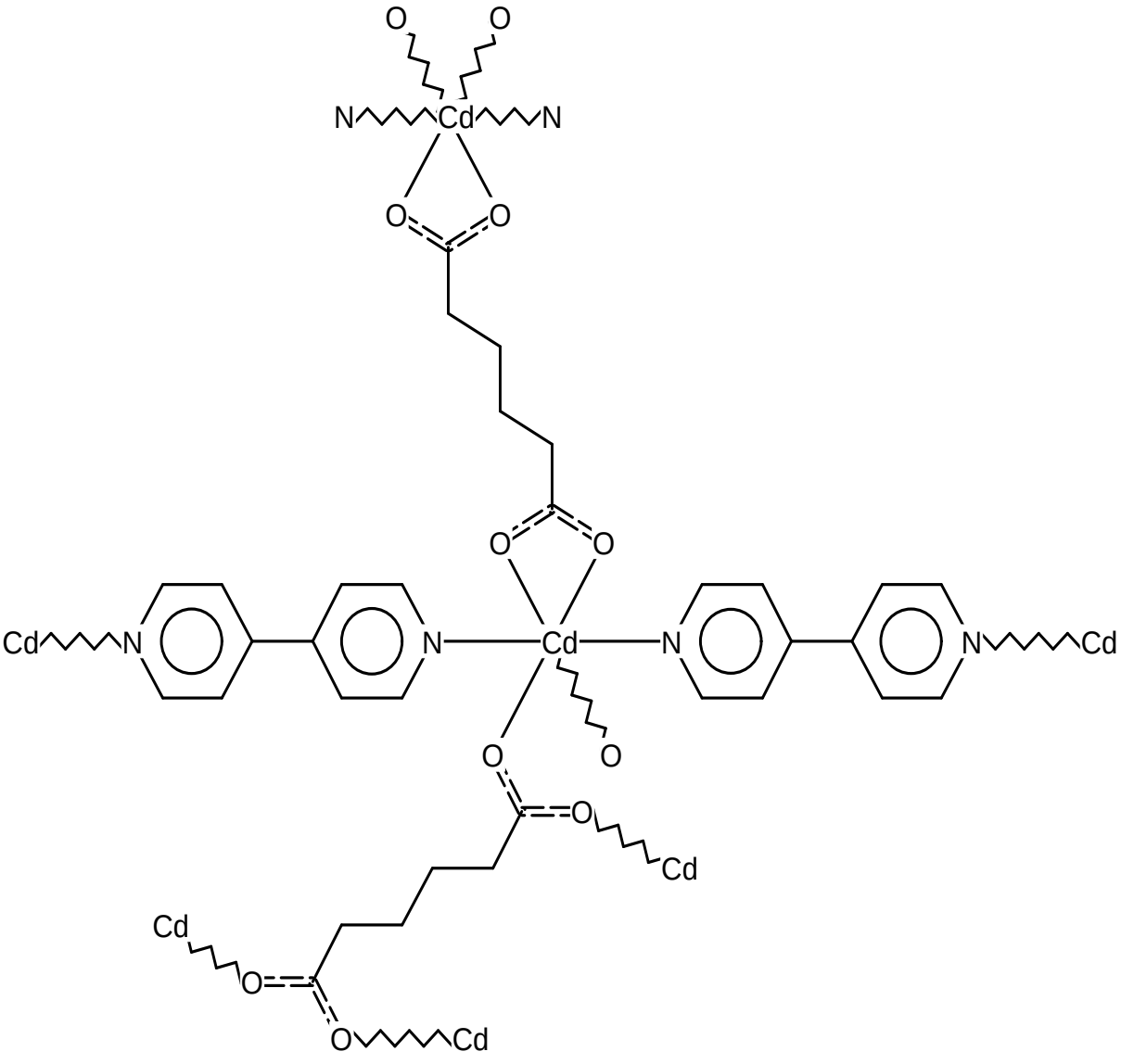
GINWUW

Reference: Xinxin Xu, Ying Ma, Enbo Wang (2007)
*J.Solid State Chem. ,***180,**3136

Formula: $(C_{32}\ H_{32}\ Cd_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-adipato)-(μ_2-adipato)-bis(μ_2-4,4'-bipyridine)-di-cadmium(ii))

Space Group:	P-1	***Cell:***	***a***	8.638(1)	***b***	9.044(1)	***c*** 11.106(2)
Space Group No.:	2	***(Å,°)***	α	109.19(3)	β	94.88(3)	γ 102.61(3)
R-Factor (%):	3.81	***Temperature(K):***	293		***Density(g/cm^3):***		1.739



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 763

GIPCAK

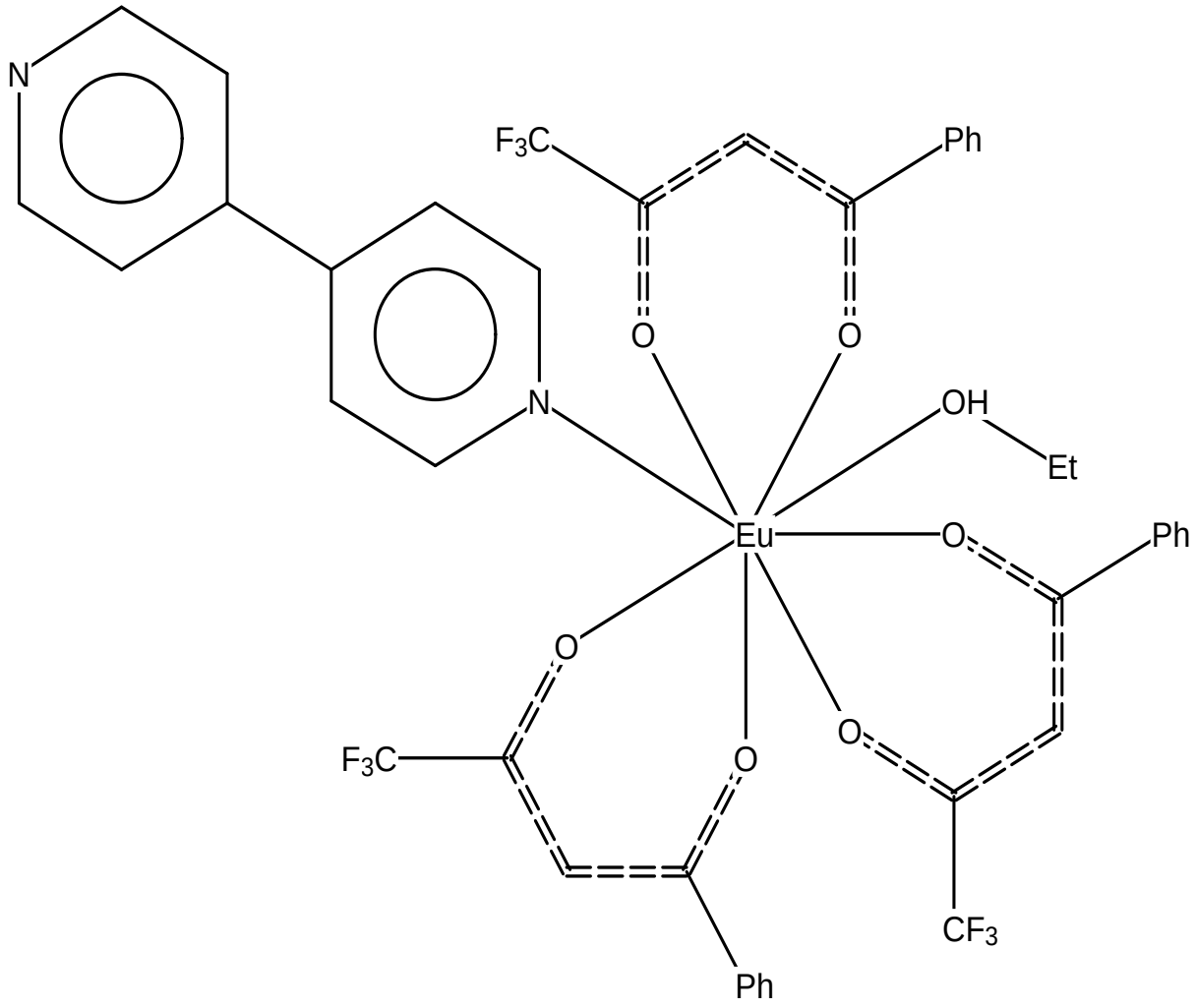
Reference: P.P.Lima, R.A.Sa Ferreira, R.O.Freire, F.A.A.Paz, Lianshe Fu, S.Alves Junior, L.D.Carlos, O.L.Malta (2006) *ChemPhysChem ,***7,**735

Formula: $C_{42}\ H_{32}\ Eu_1\ F_9\ N_2\ O_7$

Compound Name: (4,4'-bipyridine)-ethanol-tris(4,4,4-trifluoro-1-phenyl-1,3-butanedione)-europium(iii)

Space Group:	Pbca	***Cell:***	***a***	9.202(1)	***b***	21.897(4)	***c*** 39.451(8)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.09 ***Temperature(K):*** 100 ***Density(g/cm3):*** 1.671



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 764

GIPCEO

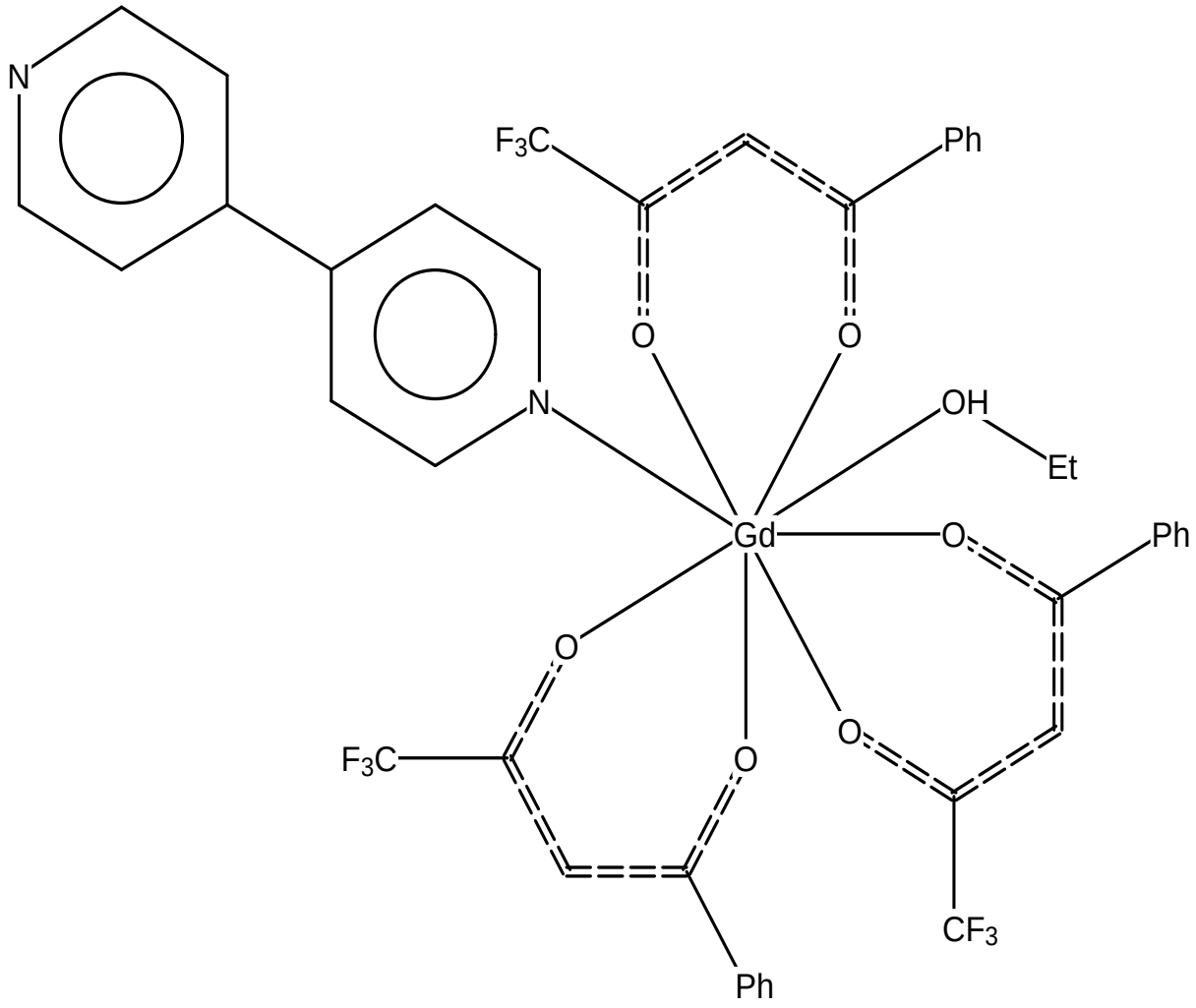
Reference: P.P.Lima, R.A.Sa Ferreira, R.O.Freire, F.A.A.Paz, Lianshe Fu, S.Alves Junior, L.D.Carlos, O.L.Malta (2006) *ChemPhysChem ,***7,**735

Formula: $C_{42}\ H_{32}\ F_9\ Gd_1\ N_2\ O_7$

Compound Name: (4,4'-bipyridine)-ethanol-tris(4,4,4-trifluoro-1-phenyl-1,3-butanedione)-gadolinium(iii)

Space Group:	Pbca	***Cell:***	***a***	9.194(1)	***b***	21.879(4)	***c*** 39.441(8)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.62 ***Temperature(K):*** 100 ***Density(g/cm3):*** 1.683



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 765

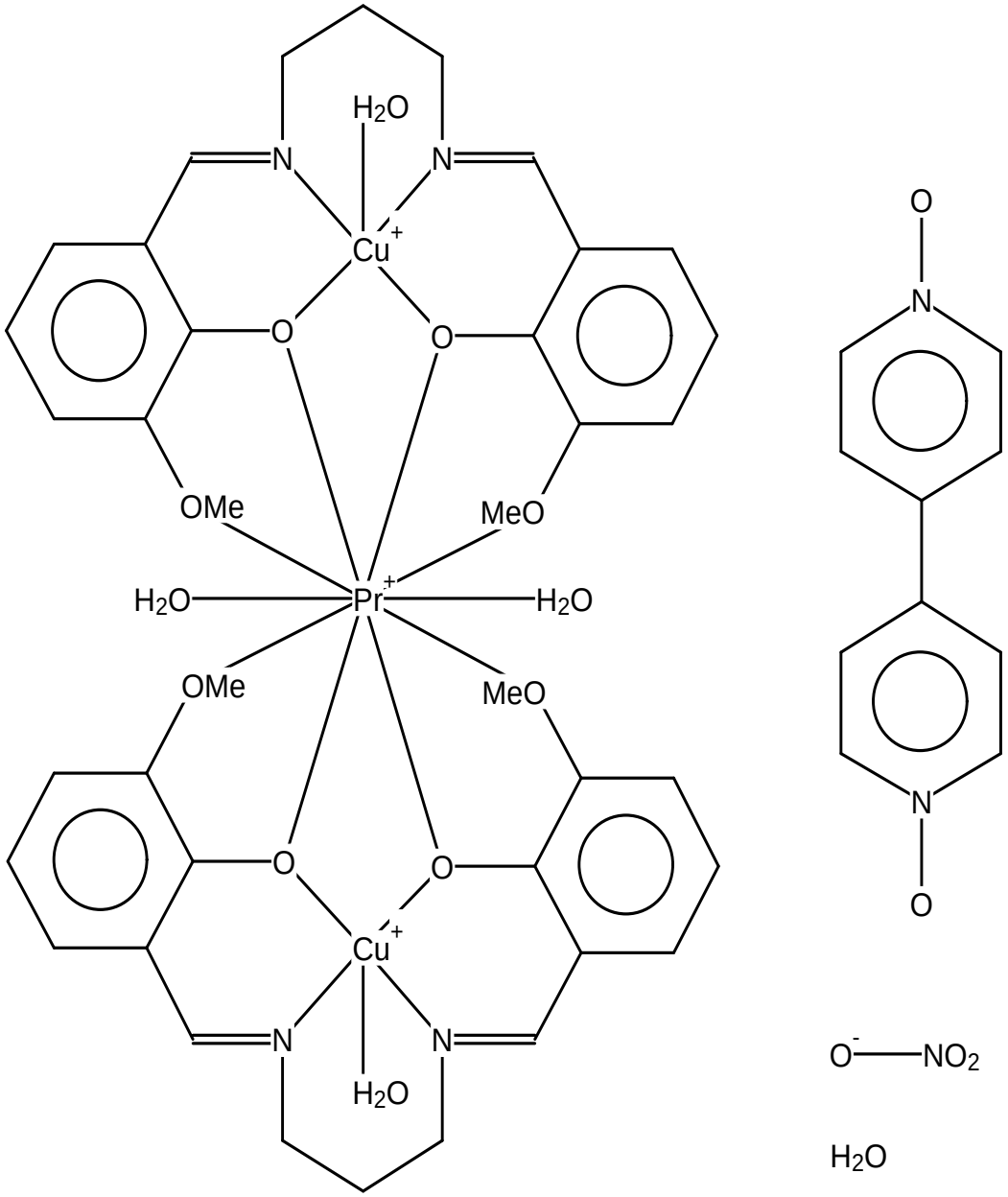
GIQMID

Reference: R.Gheorghe, J.-P.Costes, B.Donnadieu, M.Andruh (2006) *Rev.Roum.Chim. ,***51,**491

Formula: $C_{38}\ H_{48}\ Cu_2\ N_4\ O_{12}\ Pr_1\ ^{3+}, C_{10}\ H_8\ N_2\ O_2, 3(N_1\ O_3\ ^{1-}), 7.5(H_2\ O_1)$

Compound Name: bis(μ_2-N,N'-bis(3-Methoxy-2-oxybenzylidene)propane-1,3-diamine)-tetraaqua-di-copper-praseodymium 4,4'-bipyridine-N,N'-dioxide trinitrate hydrate

Space Group:	P-1	***Cell:***	***a***	14.576(5)	***b*** 15.004(8)	***c***	15.183(5)
Space Group No.:	2	***(Å,°)***	α	90.21(5)	β 114.72(4)	γ	90.45(5)
R-Factor (%):	9.45	***Temperature(K):***	180		***Density(g/cm^3):***		1.685



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 766

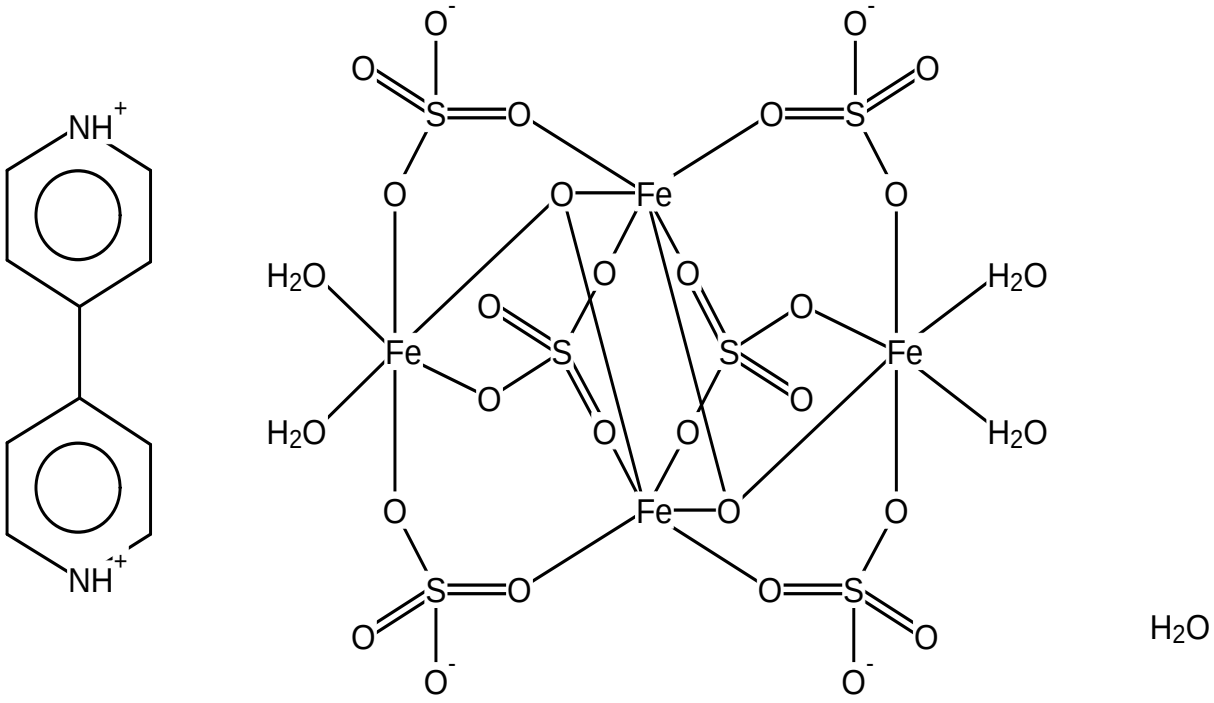
GIWVIS

Reference: Zhiwei Xu, Yunlong Fu, Yu Zhang (2008) *J.Mol.Struct.* , **876,**70

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),H_8\ Fe_4\ O_{30}\ S_6\ ^{4-},6(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_3-oxo)-bis(μ_3-sulfato-O,O',O'')-tetrakis(μ_2-sulfato-O,O')-tetra-aqua-tetra-iron(iii) hexahydrate

Space Group:	P-1	***Cell:***	***a***	9.206(0)	***b***	11.555(1)	***c*** 11.813(1)
Space Group No.:	2	***(Å,°)***	α	117.31(0)	β	94.65(0)	γ 96.49(0)
R-Factor (%):	3.79	***Temperature(K):***	298		***Density(g/cm^3):***		2.011



Search: search1 (Thu May 26 10:05:42 2011): Hit 767

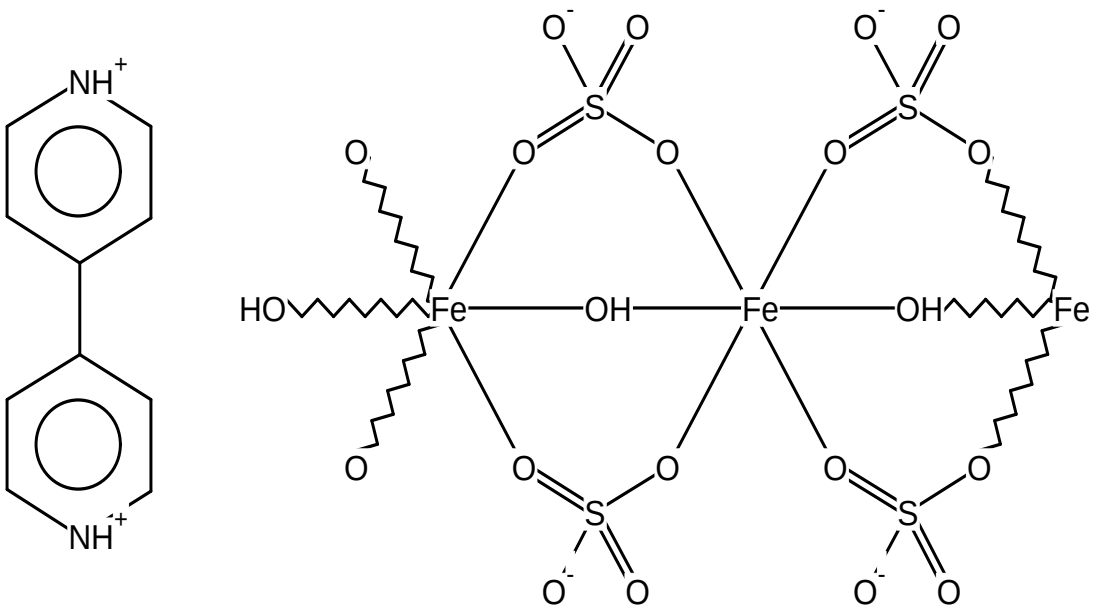
GIWVOY

Reference: Zhiwei Xu, Yunlong Fu, Yu Zhang (2008) *J.Mol.Struct.* , **876,**70

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(H_2\ Fe_2\ O_{18}\ S_4\ ^{4-}),2n(H_2\ O_1)$

Compound Name: catena-[bis(4,4'-Bipyridinium) bis(μ_2-hydroxo)-tetrakis(μ_2-sulfato-O,O')-di-iron(iii) dihydrate]

Space Group:	P-1	***Cell:***	***a***	7.038(0)	***b***	9.063(1)	***c*** 11.890(1)
Space Group No.:	2	***(Å,°)***	α	100.15(0)	β	98.70(0)	γ 91.05(0)
R-Factor (%):	6.10	***Temperature(K):***	298	***Density(g/cm^3):***	1.988		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 768

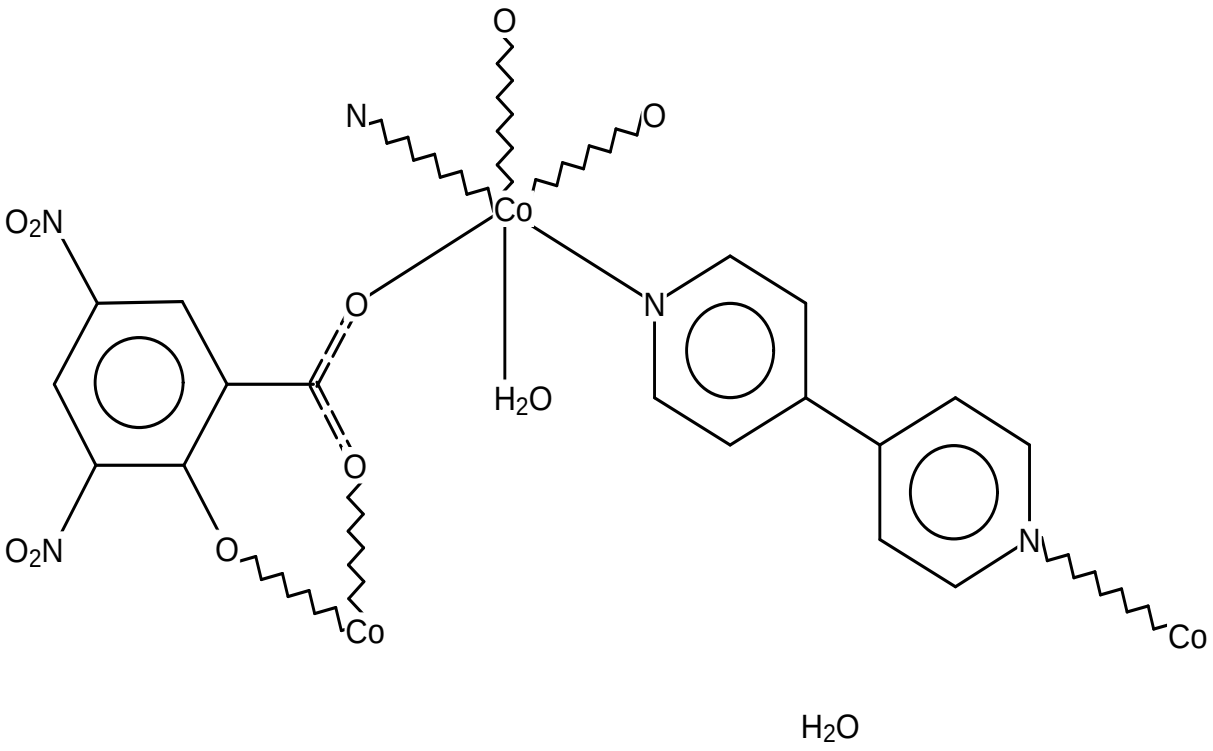
GIWXUG

Reference: De-Cai Wen, Shi-Xiong Liu, Min Lin (2008) *J.Mol.Struct. ,* **876,**154

Formula: $(C_{17}\ H_{12}\ Co_1\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-(μ_2-3,5-dinitrosalicylato-O,O',O'')-aqua-cobalt monohydrate]

Space Group:	P21/c	***Cell:***	***a***	11.415(4)	***b***	8.648(3)	***c***	19.142(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.76(1)	γ	90.00
R-Factor (%):	5.86	***Temperature(K):***	293		***Density(g/cm^3):***		1.683	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 769

GIXCOF

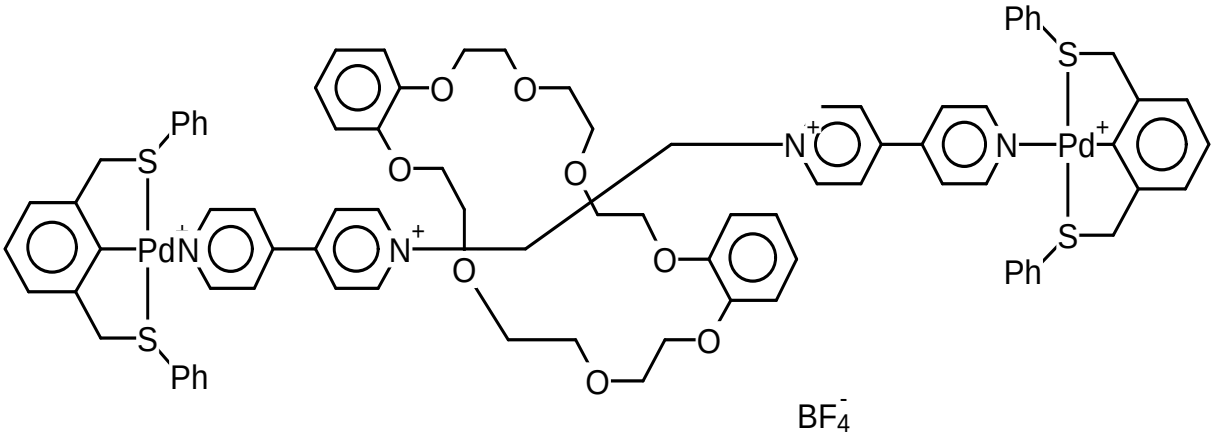
Reference: S.J.Loeb, J.A.Wisner (1998) *Chem.Commun.* ,2757

Formula: $C_{24}\ H_{32}\ O_8, C_{62}\ H_{54}\ N_4\ Pd_2\ S_4\ ^{4+}, 4(B_1\ F_4\ ^{1-})$

Compound Name: (μ_2-(2)-(1,2-bis(4,4'-Dipyridinium)ethane)-(dibenzo-24-crown-8)-rotaxane)-bis(2,6-bis((phenylsulfanyl)methyl)phenyl)-palladium tetrakis(tetrafluoroborate)

Space Group:	Pc	***Cell:***	***a***	17.893(0)	***b*** 14.318(0)	***c***	19.436(0)
Space Group No.:	7	***(Å,°)***	α	90.00	β 116.80(0)	γ	90.00

R-Factor (%): 5.69 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.488



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 770

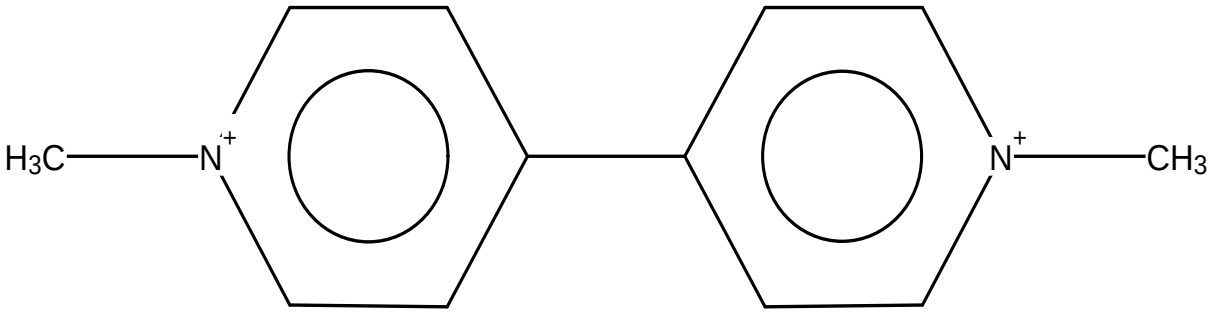
GIXWAL

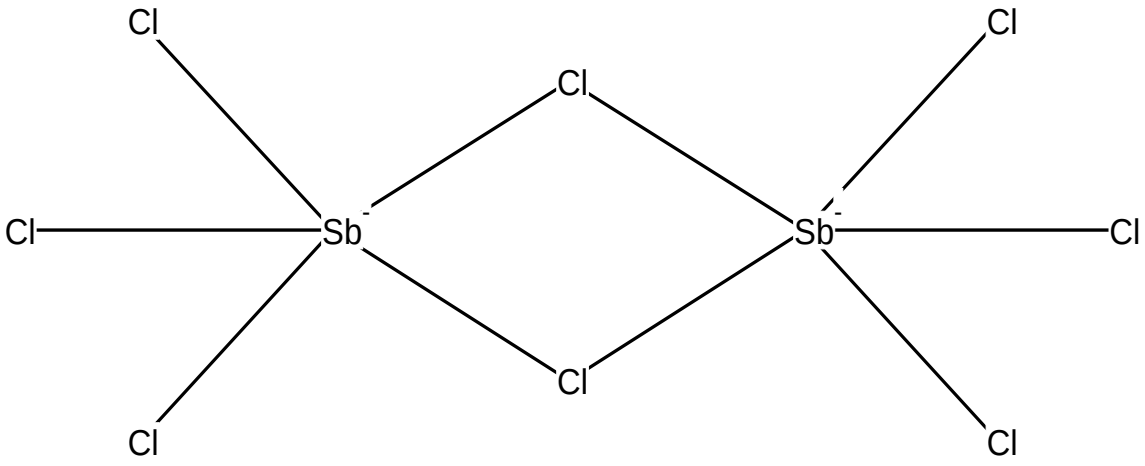
Reference: B.Jaschinski, R.Blachnik, H.Reuter (1998)
Z.Naturforsch.,B:Chem.Sci. ,**53,**565

Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},Cl_8\ Sb_2\ ^{2-}$

Compound Name: 1,1'-Dimethyl-4,4'-bipyridinium bis(μ_2-chloro)-hexachloro-di-antimonate(iii)

Space Group:	P1	***Cell:***	***a***	5.707(0)	***b***	9.386(1)	***c*** 11.743(1)
Space Group No.:	1	***(Å,°)***	α	66.77(0)	β	89.30(1)	γ 78.68(1)
R-Factor (%):	2.73	***Temperature(K):***	295	***Density(g/cm^3):***	2.096		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 771

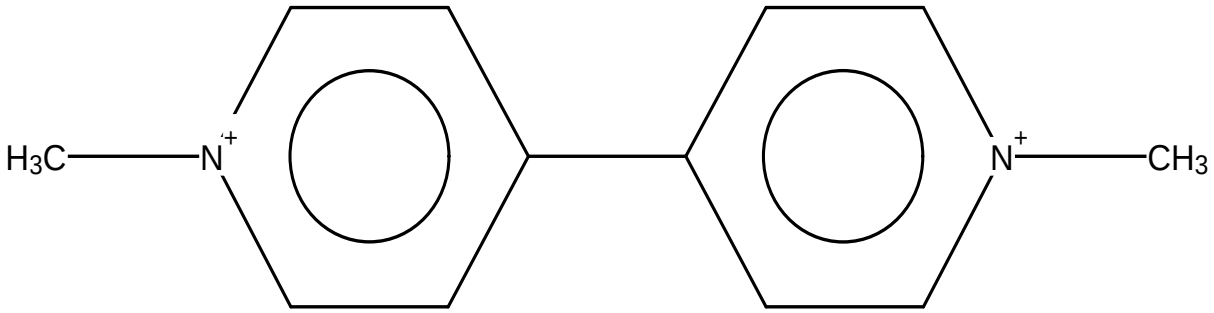
GIXWAL01

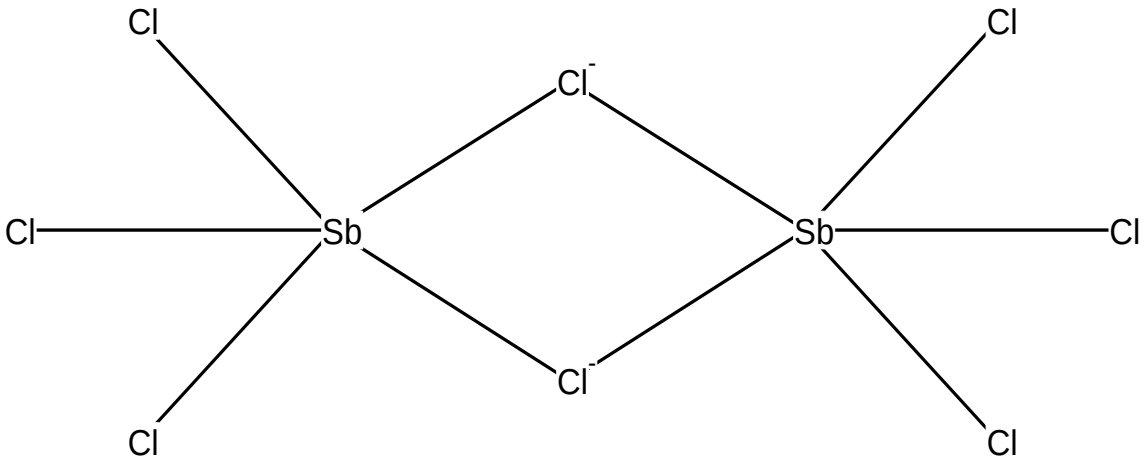
Reference: R.E.Marsh (2005) *Acta Crystallogr.,Sect.B:Struct.Sci.* ,**61,** 359

Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},Cl_8\ Sb_2\ ^{2-}$

Compound Name: 1,1'-Dimethyl-4,4'-bipyridinium bis(μ_2-chloro)-hexachloro-di-antimonate(iii)

Space Group:	P-1	***Cell:***	***a***	5.707	***b***	9.386	***c*** 11.743
Space Group No.:	2	***(Å,°)***	α	66.77	β	89.30	γ 78.68
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		2.096





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 772

GIYBOG

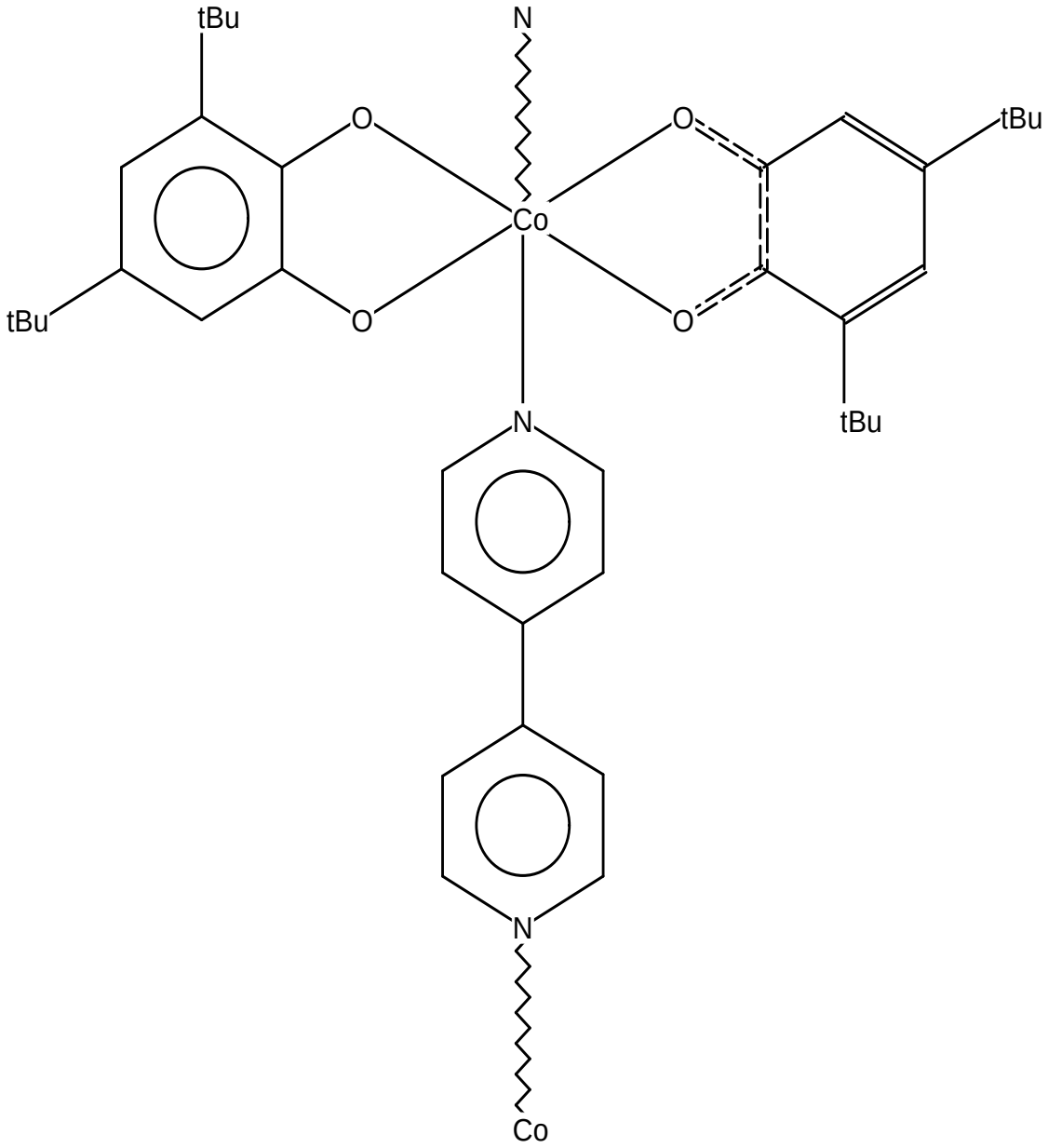
Reference: I.Imaz, D.Maspoch, C.Rodriguez-Blanco, J.M.Perez-Falcon, J.Campo, D.Ruiz-Molina (2008) *Angew.Chem.,Int.Ed. ,***47,**1857

Formula: $(C_{38}\ H_{48}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl-N,N')-(3,5-di-t-butyl-1,2-catecholato-O,O')-(3,5-di-t-butyl-1,2-benzosemiquinonato-O,O')-cobalt(iii))

Space Group:	C2/c	***Cell:***	***a***	10.561(0)	***b***	10.978(4)	***c*** 32.540(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.57(4)	γ 90.00

R-Factor (%): 10.49 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.171



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 773

GIYPUA

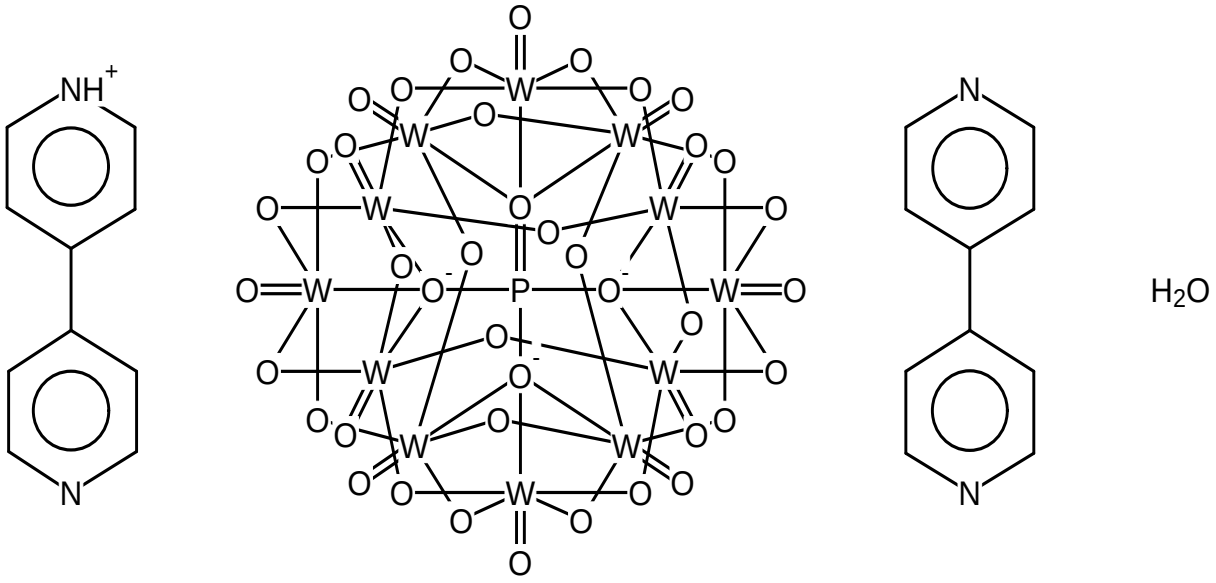
Reference: Guang-rong Fang, Yuan-yuan Zhu, Chun-fang Du, Shi-zhong Liu (2006) *Fenzi Kexue Xuebao(Chin.)(J.Mol.Sci.)* ,**22,**385

Formula: $3(C_{10}\,H_9\,N_2\,^{1+}),O_{40}\,P_1\,W_{12}\,^{3-},C_{10}\,H_8\,N_2,7(H_2\,O_1)$

Compound Name: tris(4,4'-Bipyridinium) (μ_{12}-phosphato)-tetracoskis(μ_2-oxo)-dodeca-oxo-dodeca-tungsten 4,4'-bipyridine heptahydrate

Space Group:	P21/c	***Cell:***	***a***	18.748(0)	***b*** 14.043(0)	***c***	26.475(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.97(0)	γ	90.00

R-Factor (%): 5.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.582



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 774

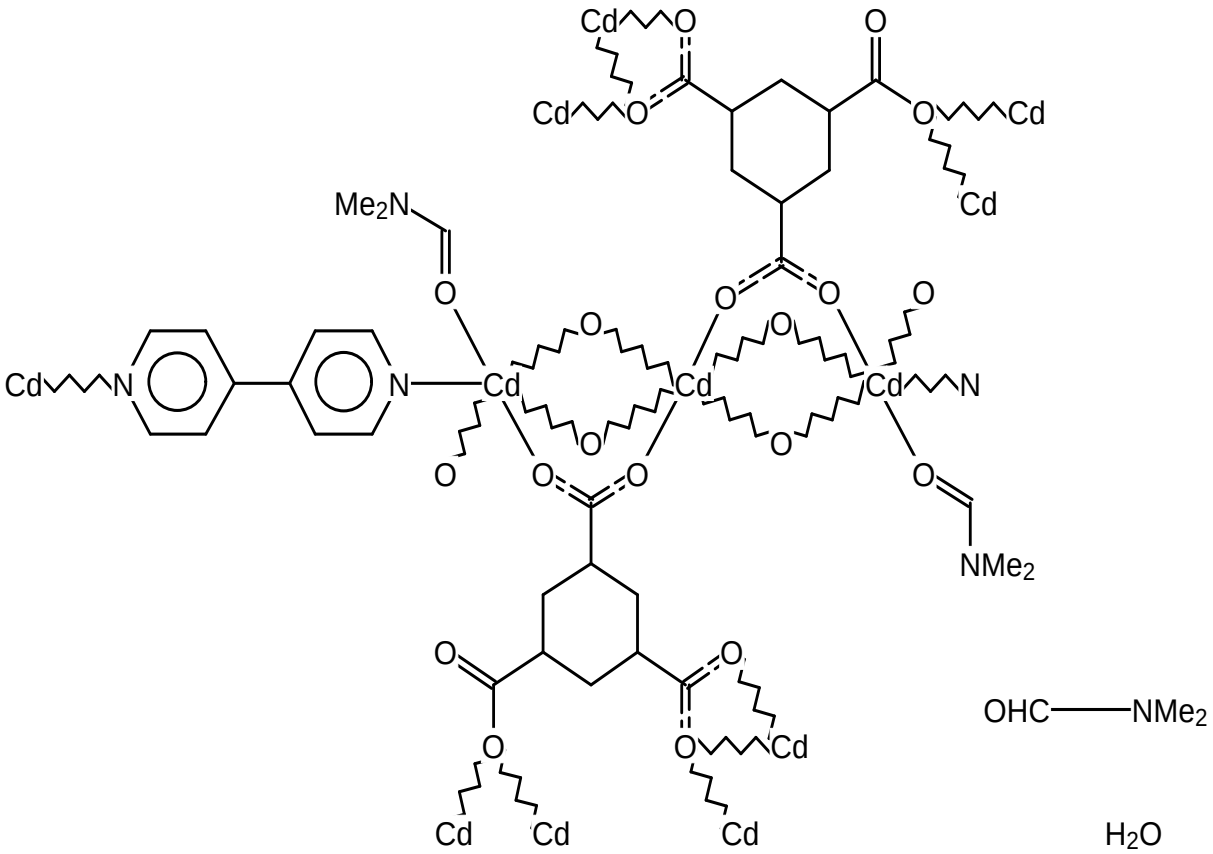
GIYSUD

Reference: Ming Xue, Guanghan Zhu, Yujian Zhang, Qianrong Fang, I.J.Hewitt, Shilun Qiu (2008) *Cryst.Growth Des.* ,**8,**427

Formula: $(C_{34}\ H_{40}\ Cd_3\ N_4\ O_{14})n,n(C_3\ H_7\ N_1\ O_1),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_6-cis,cis-1,3,5-Cyclohexanetricarboxylato-O,O,O',O',O'',O''',O'''')-(μ_2-4,4'-bipyridine)-bis(dimethylformamide-O)-tri-cadmium dimethylformamide dihydrate clathrate]

Space Group:	P-1	***Cell:***	***a***	8.969(3)	***b***	9.419(3)	***c*** 17.290(5)
Space Group No.:	2	***(Å,°)***	α	100.47(0)	β	92.75(0)	γ 117.70(0)
R-Factor (%):	3.69	***Temperature(K):***	293	***Density(g/cm^3):***	1.552		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 775

GIYTEO

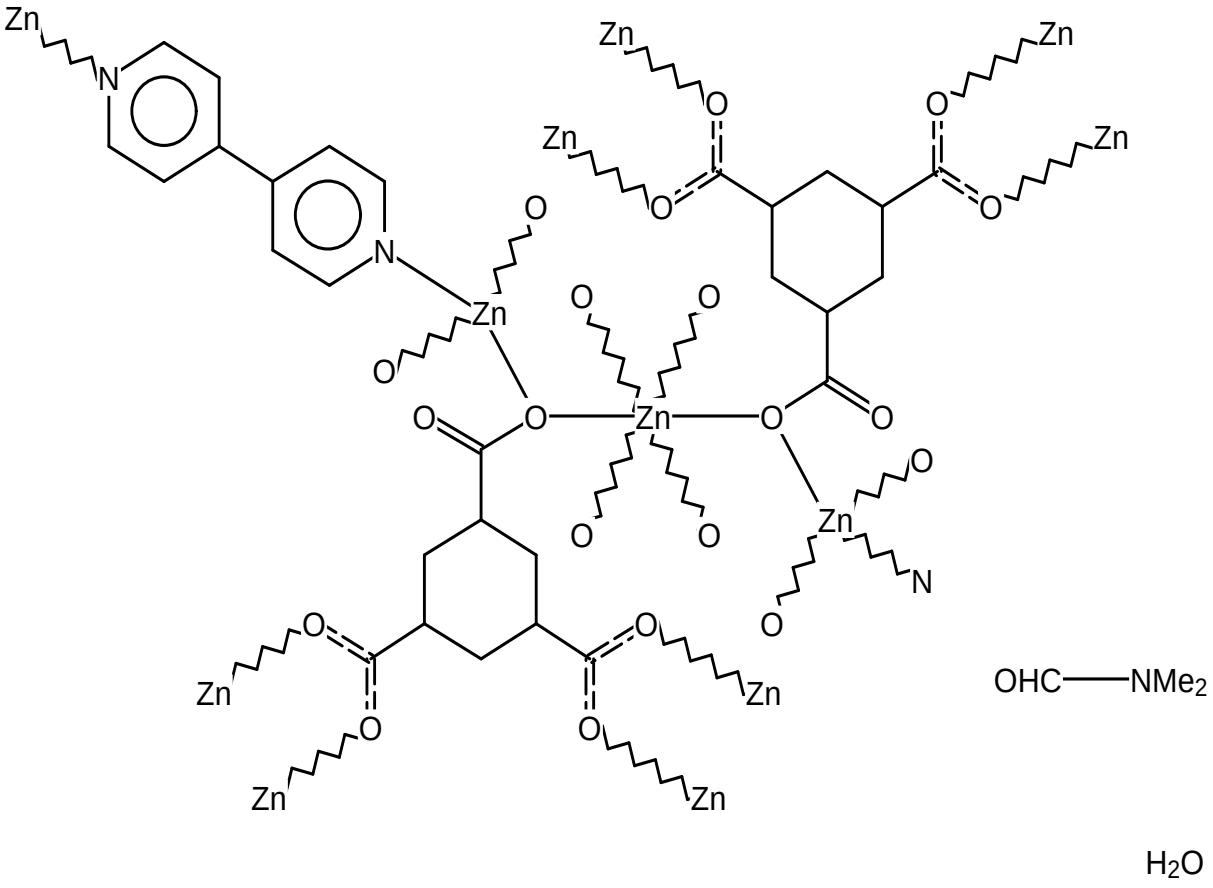
Reference: Ming Xue, Guanghan Zhu, Yujian Zhang, Qianrong Fang, I.J.Hewitt, Shilun Qiu (2008) *Cryst.Growth Des.* ,**8,**427

Formula: $(C_{28}\ H_{26}\ N_2\ O_{12}\ Zn_3)n,n(C_3\ H_7\ N_1\ O_1),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_6-cis,cis-1,3,5-Cyclohexanetricarboxylato-O,O,O',O'',O''', O'''')-(μ_2-4,4'-bipyridine)-tri-zinc dimethylformamide dihydrate clathrate]

Space Group:	C2/m	***Cell:***	***a***	16.016(3)	***b*** 8.903(1)	***c***	17.642(4)
Space Group No.:	12	***(Å,°)***	α	90.00	β 102.93(3)	γ	90.00

R-Factor (%): 6.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.203



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 776

GIZVAN

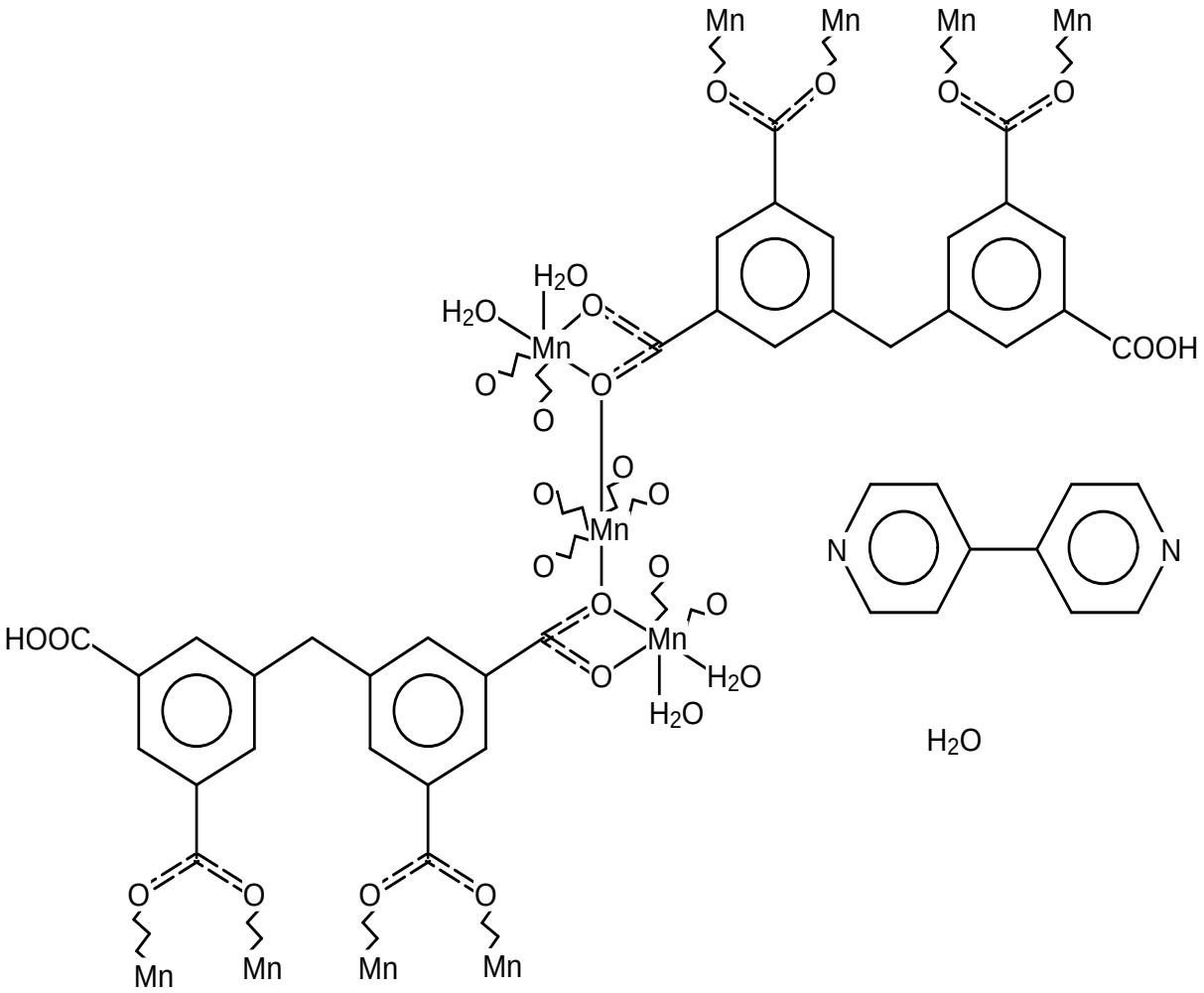
Reference: Xianying Duan, Xian Cheng, Jianguo Lin, Shuangquan Zang, Yizhi Li, Chengjian Zhu, Qingjin Meng (2008) *CrystEngComm ,***10,**706

Formula: $(C_{34}\ H_{26}\ Mn_3\ O_{20})n,n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

Compound Name: catena-(bis((μ6-methylene(hydrogenisophthalato-O,O')-(isophthalato-O,O,O',O'',O''')-tetra-aqua-tri-manganese(ii)) 4,4'-bipyridine clathrate trihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.416(1)	***b***	15.596(2)	***c*** 28.849(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.00(0)	γ 90.00

R-Factor (%): 6.37 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.479



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 777

GIZXAP

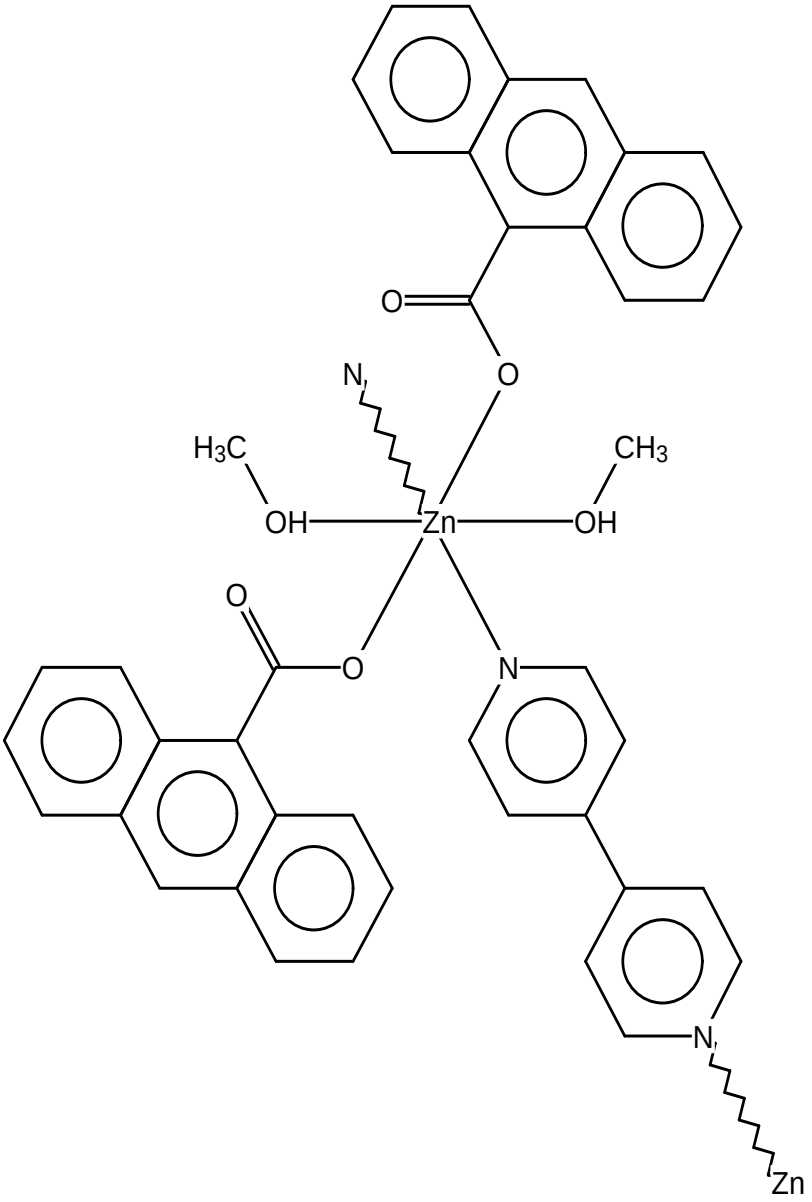
Reference: Jun-Jie Wang, Chun-Sen Liu, Tong-Liang Hu, Ze Chang, Cai-Yun Li, Li-Fen Yan, Pei-Quan Chen, Xian-He Bu, Qiang Wu, Li-Juan Zhao, Zhe Wang, Xin-Zheng Zhang (2008) *CrystEngComm* , **10,**681

Formula: $(C_{42}\ H_{34}\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(anthracene-9-carboxylate-O)-dimethanol-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	24.168(3)	***b***	11.574(1)	***c***	12.038(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.49(0)	γ	90.00

R-Factor (%): 2.97 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.441



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 778

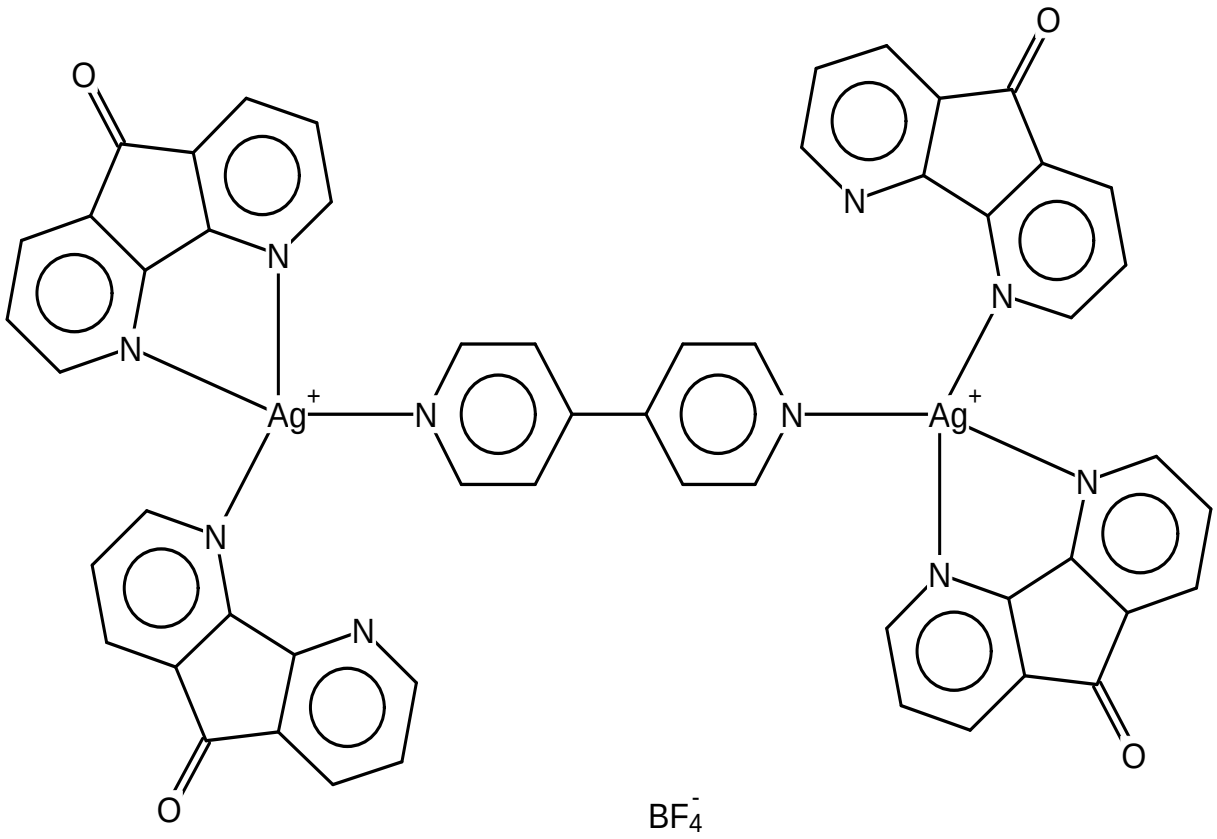
GOBQIY

Reference: A.R.Biju, M.V.Rajasekharan (2008) *Polyhedron* ,**27,**2065

Formula: $C_{54}\ H_{32}\ Ag_2\ N_{10}\ O_4\ ^{2+}$,2($B_1\ F_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-bipyridine)-bis(4,5-diazafluoren-9-one-N,N')-bis(4,5-diazafluoren-9-one-N)-di-silver(i) bis(tetrafluoroborate)

Space Group:	P-1	***Cell:***	***a***	8.891(1)	***b***	10.254(1)	***c*** 14.229(2)
Space Group No.:	2	***(Å,°)***	α	91.86(0)	β	101.27(0)	γ 107.77(0)
R-Factor (%):	3.19	***Temperature(K):***	298		***Density(g/cm^3):***		1.755



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 779

GOBXOL

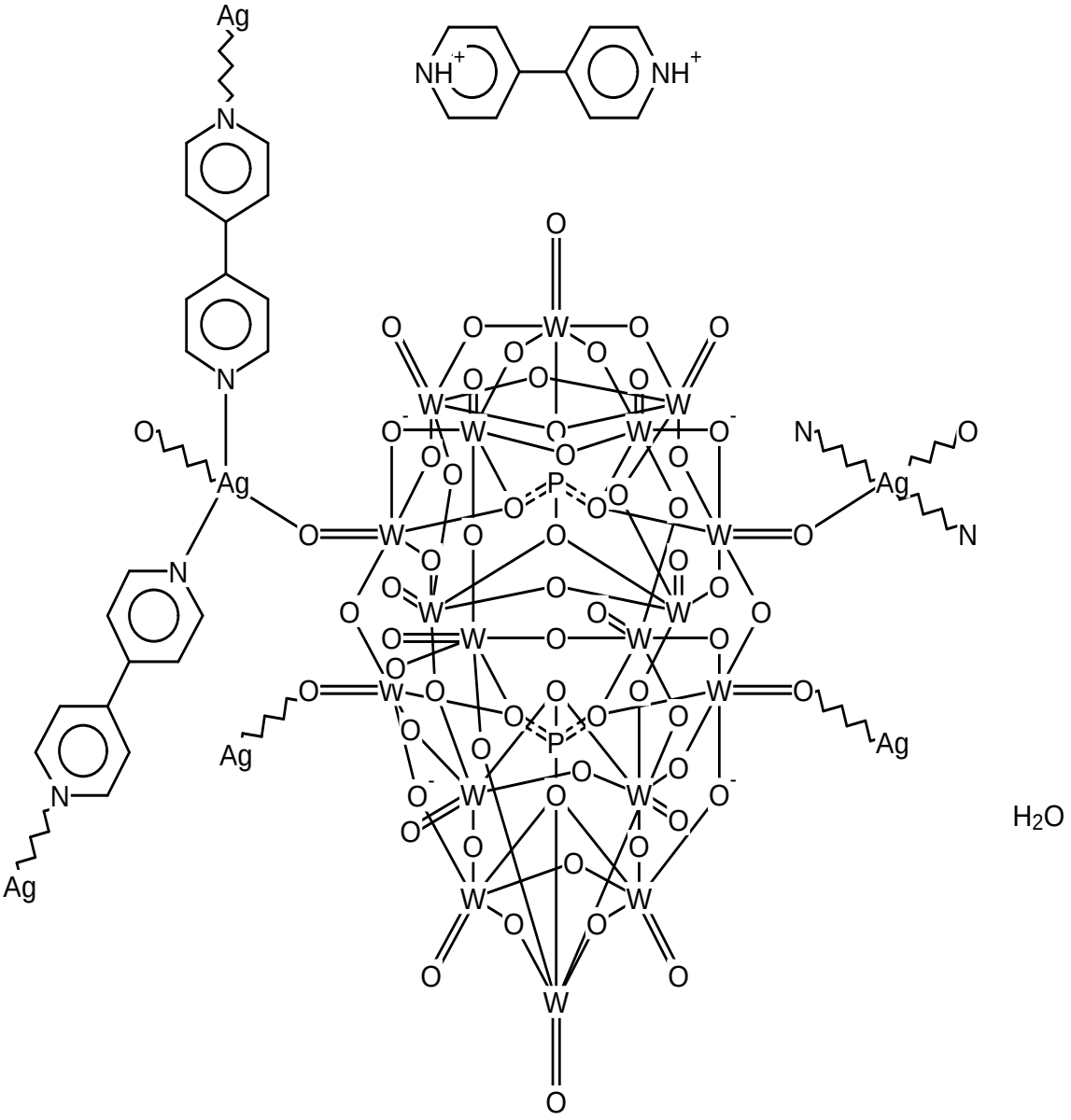
Reference: Jingquan Sha, Jun Peng, Yaqan Lan, Zhongmin Su, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Min Zhu (2008) *Inorg.Chem. ,***47,**5145

Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ O_{62}\ P_2\ W_{18}\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),4n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridine-1,1'-diium) bis(μ_9-phosphato)-bis(μ_2-4,4'-bipyridine)-tetracontakis(μ_2-oxo)-tetradecaoxo-di-silver(i)-octadeca-tungsten(vi) tetrahydrate)

Space Group:	Cmma	***Cell:***	***a***	19.923(0)	***b***	21.911(0)	***c*** 22.667(0)
Space Group No.:	67	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.39 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 3.544


Ag
NH+
NH+
N
N
O
Ag
N
O
W
P
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 780

GOBXUR

Reference: Jingquan Sha, Jun Peng, Yaqan Lan, Zhongmin Su, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Min Zhu (2008) *Inorg.Chem. ,***47,**5145

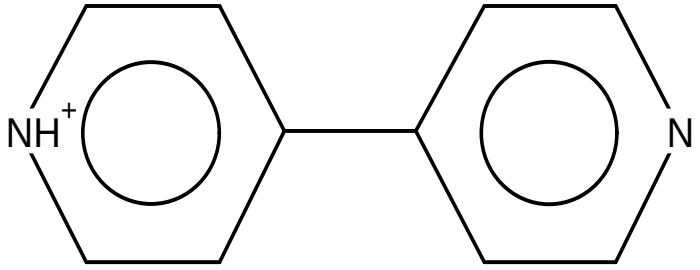
Formula: $(C_{80}\ H_{64}\ Ag_8\ N_{16}\ O_{124}\ P_4\ W_{36}\ ^{4-})n,4n(C_{10}\ H_9\ N_2\ ^{1+})$

Compound Name: catena-(tetrakis(4,4'-Bipyridin-1-ium) tetrakis(μ_9-phosphato)-hexakis(μ_3-oxo)-octakis(μ_2-4,4'-bipyridine)-hexaheptacontakis(μ_2-oxo)-hexacosaoxo-octa-silver(i)-hexatriaconta-tungsten(vi))

Space Group:	Pccn	***Cell:***	***a***	49.793(5)	***b***	17.495(5)	***c*** 22.705(5)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.13 ***Temperature(K):*** 293 ***Density(g/cm3):*** 3.851

n-$W_{36}Ag_8[\mu_9\text{-}O_4P]_4[\mu_3\text{-}O]_6[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_8$--
--$[\mu_2\text{-}O]_{76}[O]_{26}^{4-}$



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 781

GOBYAY

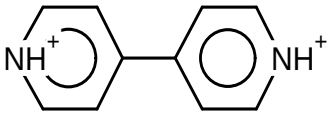
Reference: Jingquan Sha, Jun Peng, Yaqan Lan, Zhongmin Su, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Min Zhu (2008) *Inorg.Chem. ,***47,**5145

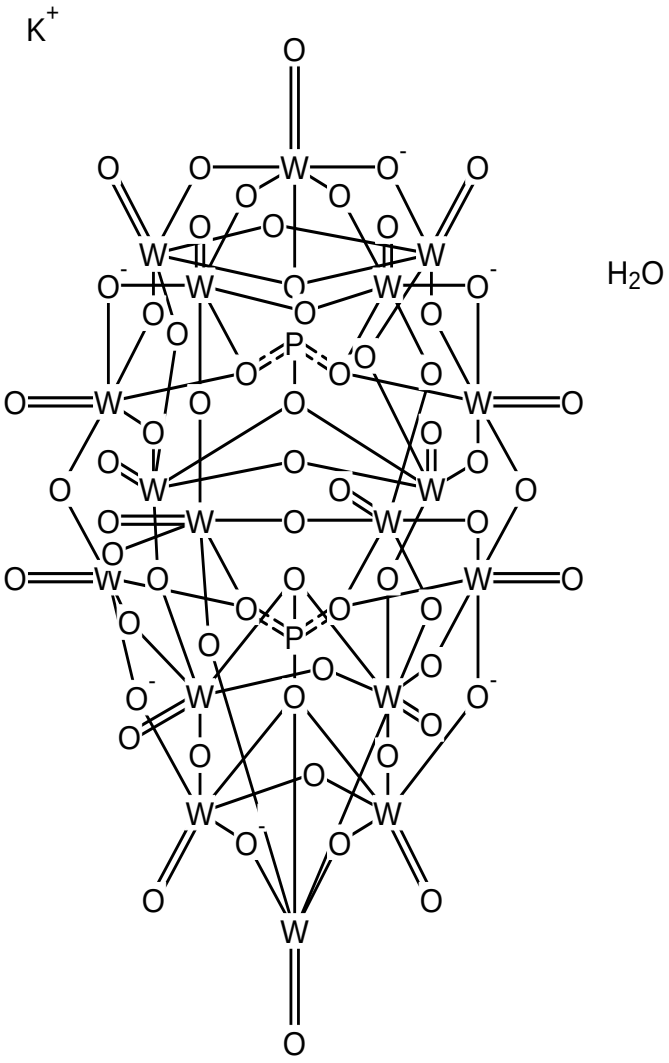
Formula: $2.5(C_{10}\,H_{10}\,N_2\,^{2+}),K_1\,^{1+},O_{62}\,P_2\,W_{18}\,^{6-},2(H_2\,O_1)$

Compound Name: bis(4,4'-Bipyridine-1,1'-diium) potassium bis(μ_9-phosphato)-hexatriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten(vi) dihydrate

Space Group:	P-1	***Cell:***	***a***	13.394(3)	***b***	14.177(3)	***c***	26.955(5)
Space Group No.:	2	***(Å,°)***	α	78.04(3)	β	83.03(3)	γ	67.66(3)

R-Factor (%): 6.86 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.470





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 782

GOBYEC

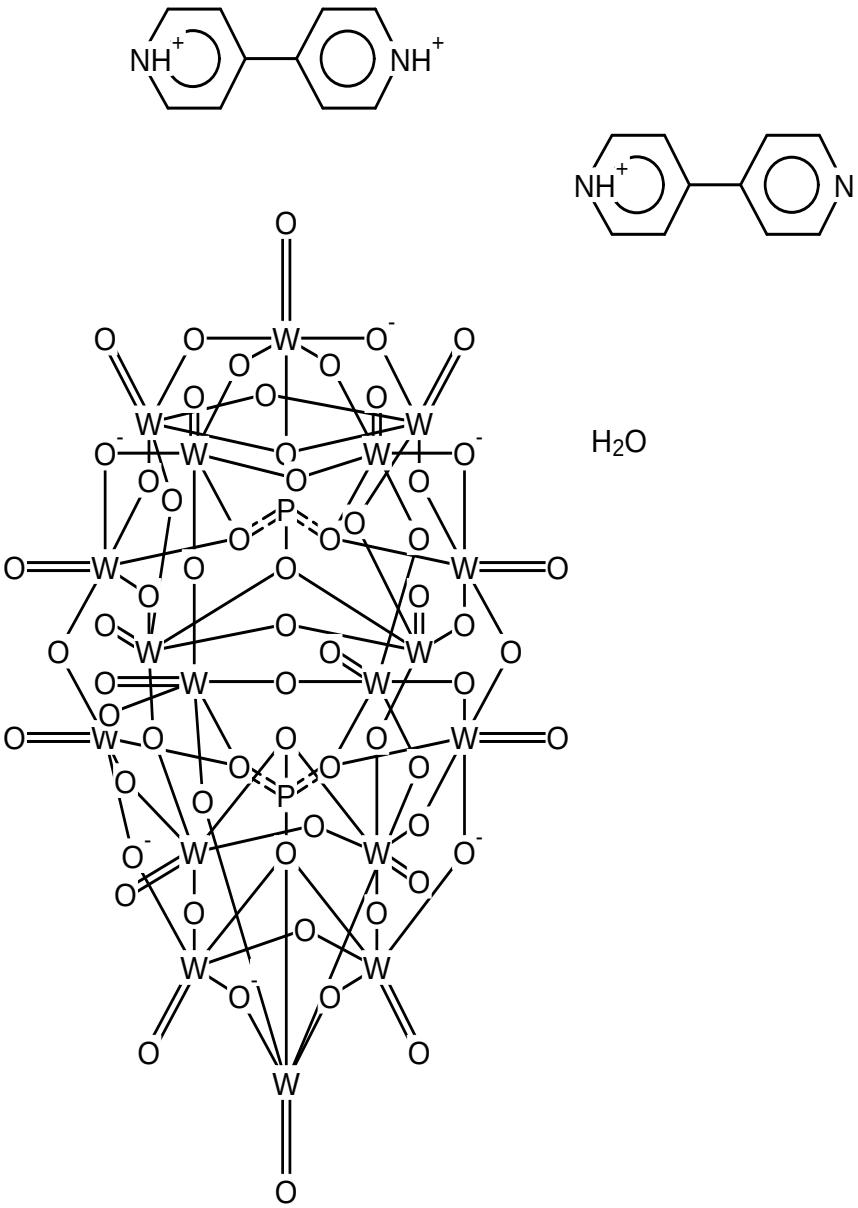
Reference: Jingquan Sha, Jun Peng, Yaqan Lan, Zhongmin Su, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Min Zhu (2008) *Inorg.Chem. ,***47,**5145

Formula: $2(C_{10}H_{10}N_2^{2+}),2(C_{10}H_9N_2^{1+}),O_{62}P_2W_{18}^{6-},1.5(H_2O_1)$

Compound Name: bis(4,4'-Bipyridine-1,1'-diium) bis(4,4'-bipyridin-1-ium) bis(μ_9-phosphato) -hexatriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten(vi) sesquihydrate

Space Group:	P-1	***Cell:***	***a***	13.959(1)	***b***	16.381(1)	***c***	20.852(1)
Space Group No.:	2	***(Å,°)***	α	83.75(0)	β	72.60(0)	γ	67.05(0)

R-Factor (%): 8.64 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 3.980



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 783

GOCDEI

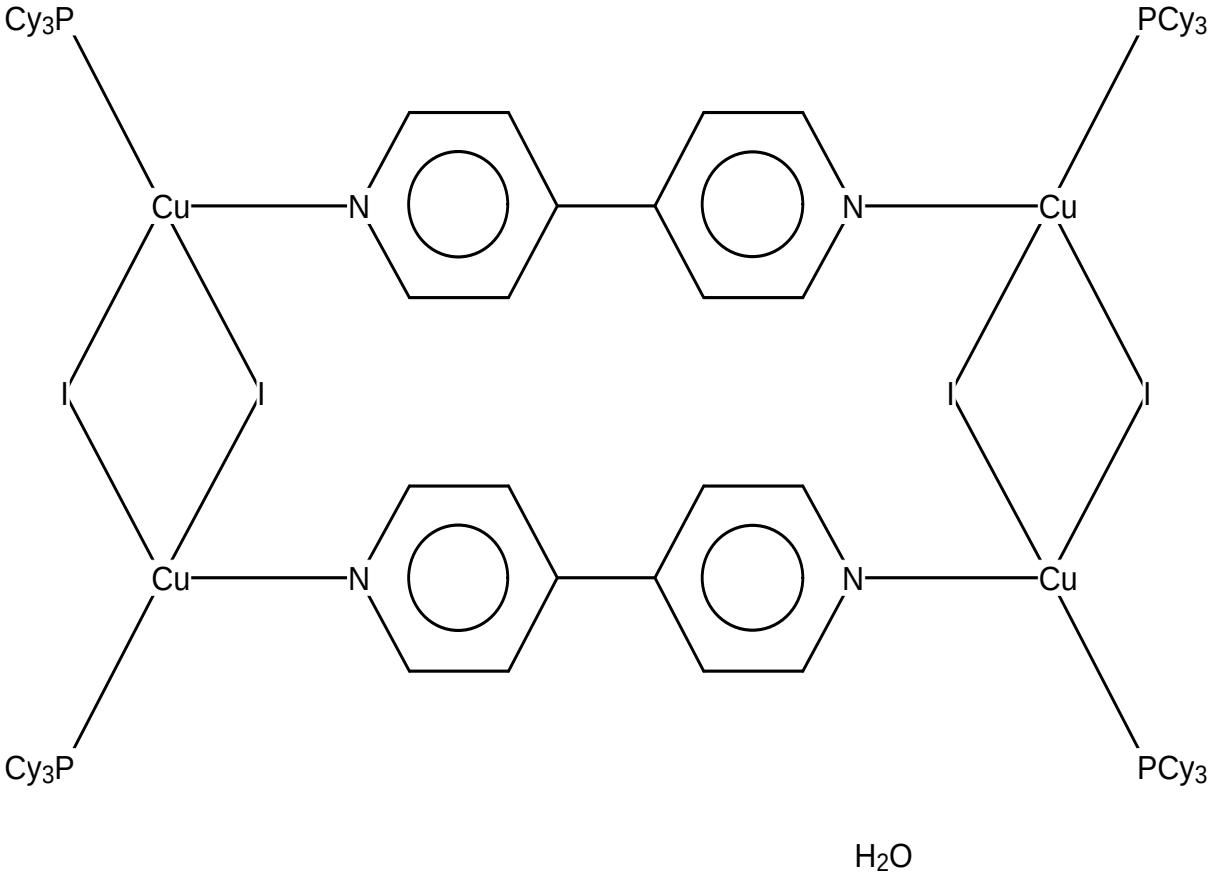
Reference: Xin Gan, Wen-Fu Fu, Yong-Yue Lin, Mei Yuan, Chi-Ming Che, Shao-Ming Chi, Hui-Fang Jie Li, Jian-Hua Chen, Yong Chen, Zhong-Yong Zhou (2008) *Polyhedron ,***27,**2202

Formula: $C_{92}\ H_{148}\ Cu_4\ I_4\ N_4\ P_4,4(H_2\ O_1)$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-iodo)-tetrakis(tricyclohexylphosphine)-tetra-copper(i) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	10.267(2)	***b***	15.135(3)	***c*** 18.274(3)
Space Group No.:	2	***(Å,°)***	α	73.34(2)	β	74.83(2)	γ 86.16(2)

R-Factor (%): 2.82 ***Temperature(K):*** 301 ***Density(g/cm^3):*** 1.434



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 784

GOCDIM

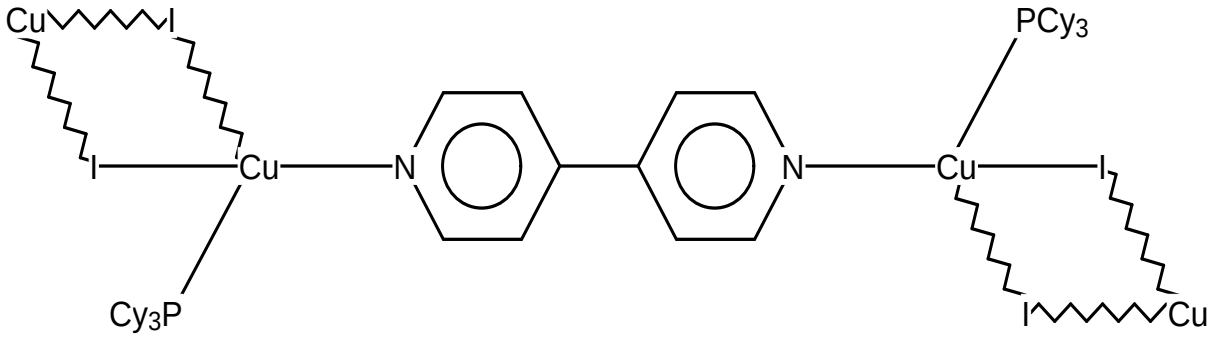
Reference: Xin Gan, Wen-Fu Fu, Yong-Yue Lin, Mei Yuan, Chi-Ming Che, Shao-Ming Chi, Hui-Fang Jie Li, Jian-Hua Chen, Yong Chen, Zhong-Yong Zhou (2008) *Polyhedron ,***27,**2202

Formula: $(C_{46}\ H_{74}\ Cu_2\ I_2\ N_2\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-iodo)-bis(tricyclohexylphosphine)-di-copper(i))

Space Group:	P-1	***Cell:***	***a***	9.992(2)	***b***	13.992(3)	***c***	17.802(4)
Space Group No.:	2	***(Å,°)***	α	79.04(0)	β	87.59(0)	γ	83.71(0)

R-Factor (%): 3.40 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.502



Search: search1 (Thu May 26 10:05:42 2011): Hit 785

GOCDOS

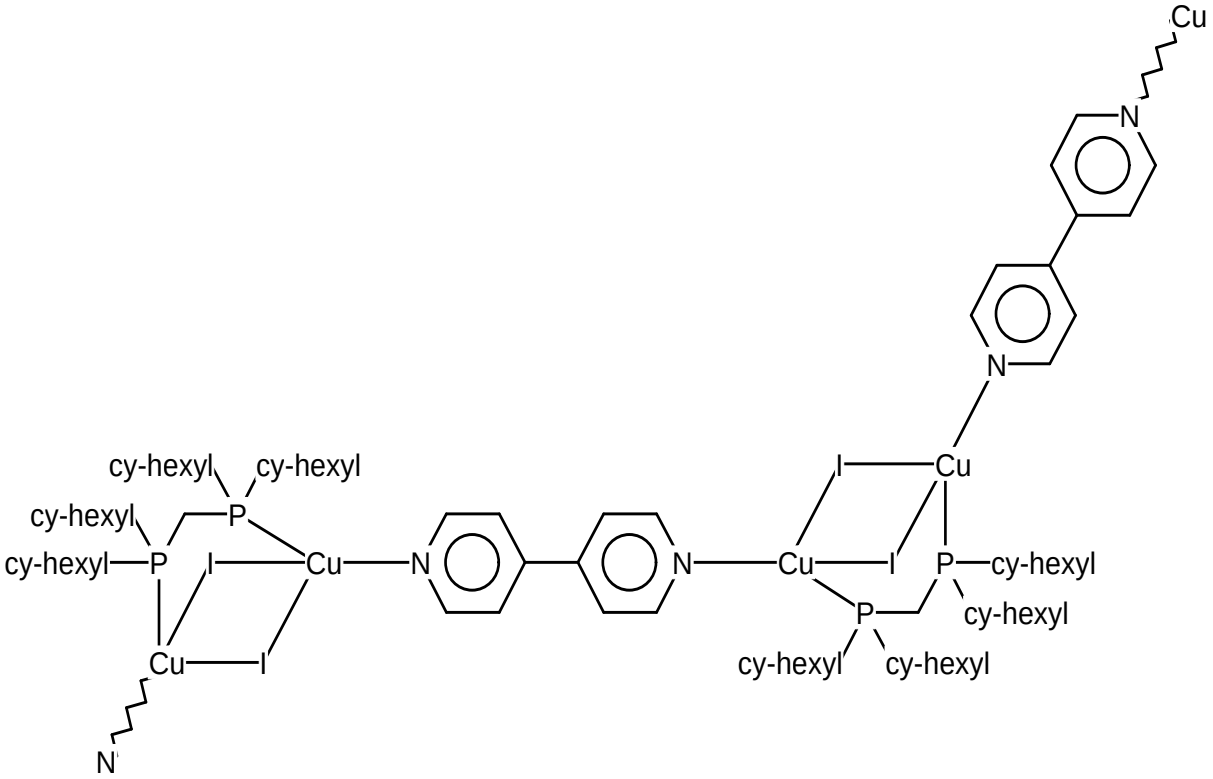
Reference: Xin Gan, Wen-Fu Fu, Yong-Yue Lin, Mei Yuan, Chi-Ming Che, Shao-Ming Chi, Hui-Fang Jie Li, Jian-Hua Chen, Yong Chen, Zhong-Yong Zhou (2008) *Polyhedron ,***27,**2202

Formula: $(C_{70}\ H_{108}\ Cu_4\ I_4\ N_4\ P_4)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-iodo)-bis(μ_2-bis(dicyclohexylphosphino)methane-P,P')-tetra-copper(i))

Space Group:	Pbn21	***Cell:***	***a***	17.413(5)	***b***	19.386(5)	***c*** 23.367(6)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.36 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 786

GOCDUY

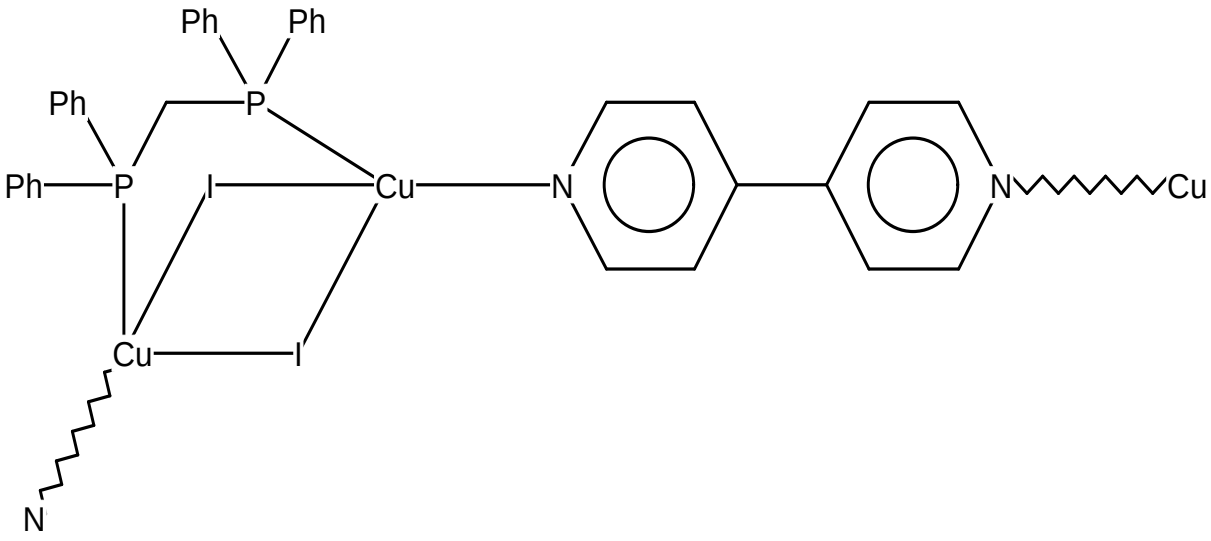
Reference: Xin Gan, Wen-Fu Fu, Yong-Yue Lin, Mei Yuan, Chi-Ming Che, Shao-Ming Chi, Hui-Fang Jie Li, Jian-Hua Chen, Yong Chen, Zhong-Yong Zhou (2008) *Polyhedron ,***27,**2202

Formula: $(C_{35}\ H_{30}\ Cu_2\ I_2\ N_2\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-iodo)-(μ_2-bis(diphenylphosphino)methane-P,P')-di-copper(i))

Space Group:	Pna21	***Cell:***	***a***	23.859(4)	***b***	18.306(3)	***c*** 17.338(3)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.12 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.617



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 787

GODJOY

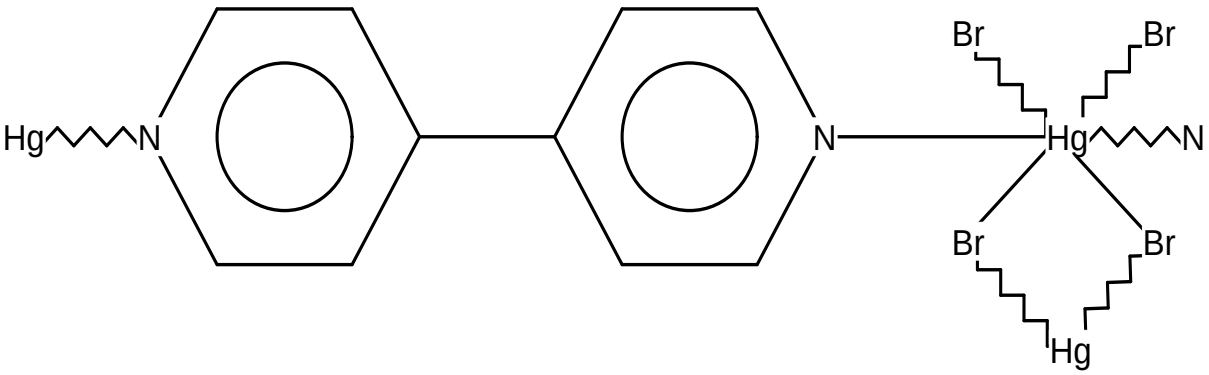
Reference: Long Pan, Nengwu Zheng, Yonggang Wu, Shichun Yu, Xiaoying Huang (1999)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**55,**343

Formula: $(C_{10}\ H_8\ Br_2\ Hg_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridinium)-bis(μ_2-bromo)-mercury(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.688(2)	***b***	12.561(4)	***c***	3.945(1)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.962



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 788

GOGBEK

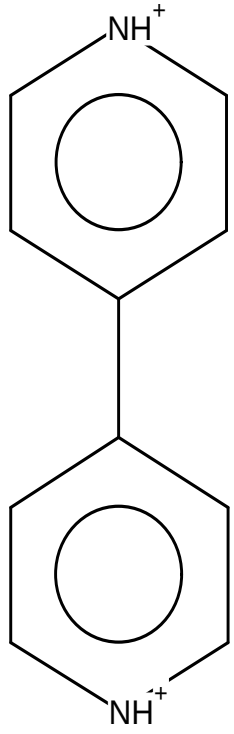
Reference: Feng-Xia Ma, Quan Zhao (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m1224

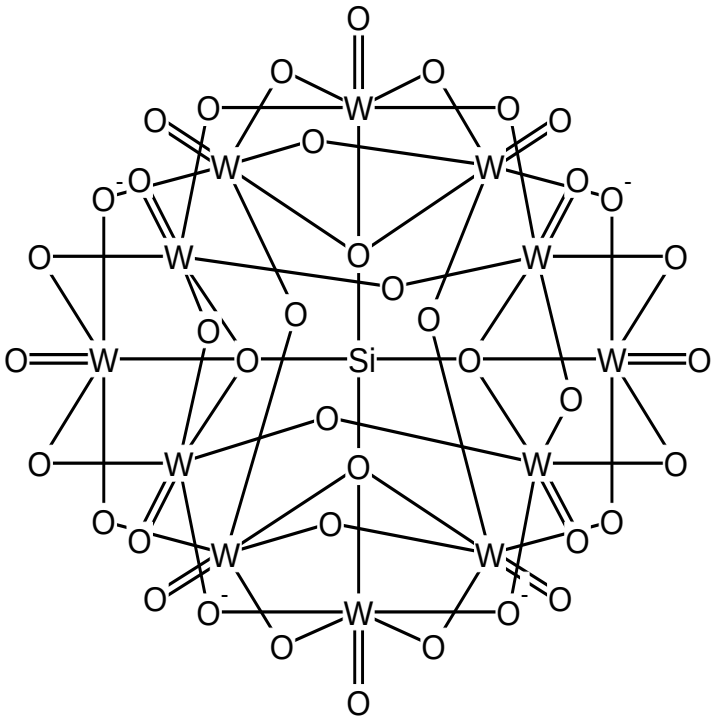
Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),O_{40}\ Si_1\ W_{12}\ ^{4-},C_{10}\ H_8\ N_2,6(H_2\ O_1)$

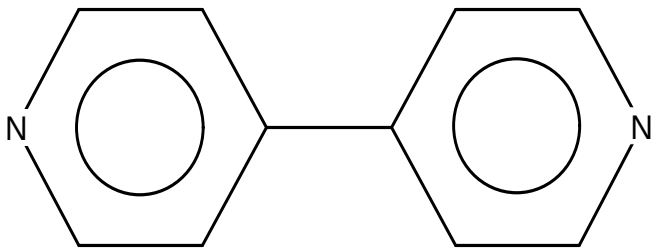
Compound Name: bis(4,4'-Bipyridinium) dodecatungstosilicate 4,4'-bipyridine solvate hexahydrate

Space Group:	C2/c	***Cell:***	***a***	15.491(5)	***b*** 18.096(5)	***c***	20.921(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.83(0)	γ	90.00

R-Factor (%): 3.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.984







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 789

GOJSED

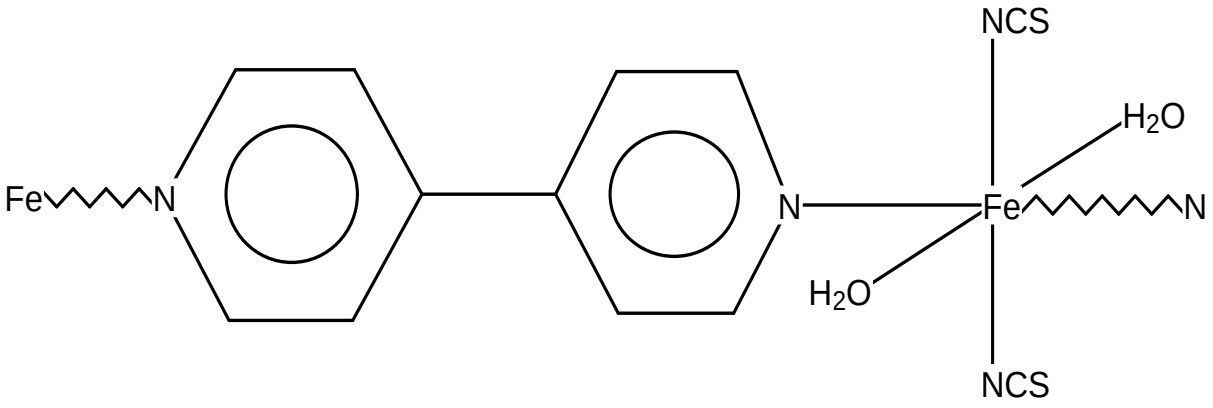
Reference: S.Noro, M.Kondo, T.Ishii, S.Kitagawa, H.Matsuzaka (1999) *J.Chem.Soc.,Dalton Trans.* ,1569

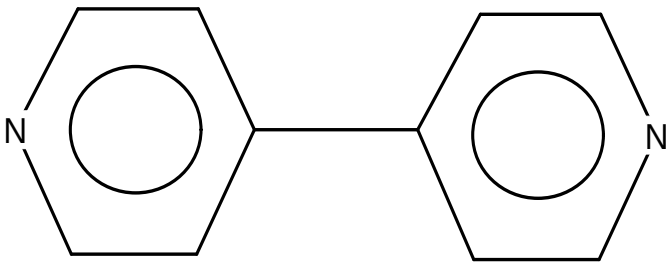
Formula: $(C_{12}\ H_{12}\ Fe_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena[Diaqua-(4,4'-bipyridinyl)-bis(isothiocyanato)-iron(ii) (4,4'-bipyridine)]

Space Group:	P-1	***Cell:***	***a***	9.017(1)	***b***	10.222(1)	***c*** 7.489(1)
Space Group No.:	2	***(Å,°)***	α	104.32(0)	β	96.65(1)	γ 107.45(1)

R-Factor (%): 4.67 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.384





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 790

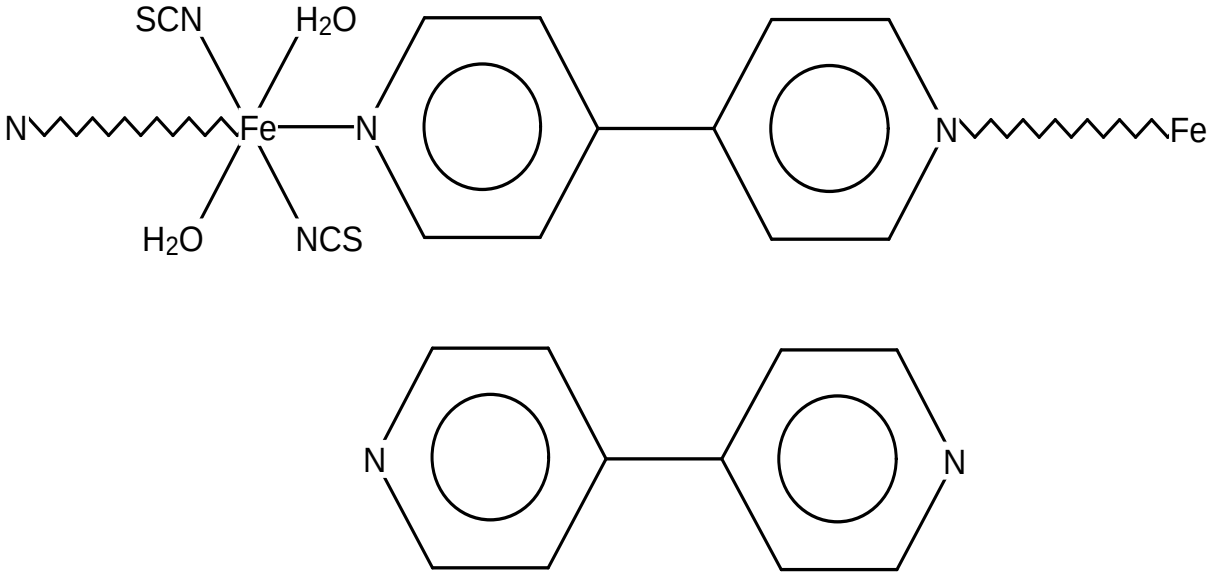
GOJSED01

Reference: N.Moliner, M.C.Munoz, J.A.Real (1999)
Inorg.Chem.Commun. ,**2,**25

Formula: $(C_{12}\ H_{12}\ Fe_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(($\mu_2$2-(4,4'-Bipyridine))-bis(aqua-isothiocyanate-iron(ii)) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a*** 7.484(2)	***b*** 9.015(3)	***c*** 10.212(4)
Space Group No.:	2	***(Å,°)***	α 107.39(3)	β 104.29(3)	γ 96.67(3)
R-Factor (%):	6.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.386



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 791

GOJSED02

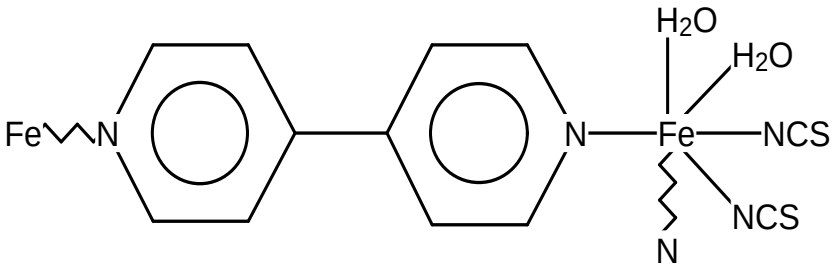
Reference: M.Wriedt, S.Sellmer, C.Nather (2009) *Dalton Trans.* ,7975

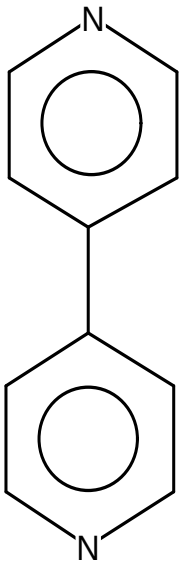
Formula: $(C_{12}\ H_{12}\ Fe_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(isothiocyanato)-iron(ii) 4,4'-bipyridine)

Space Group:	C2/c	***Cell:***	***a***	17.876(1)	***b*** 11.545(0)	***c***	14.152(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 123.09(0)	γ	90.00

R-Factor (%): 3.51 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.413





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 792

GOKJIA

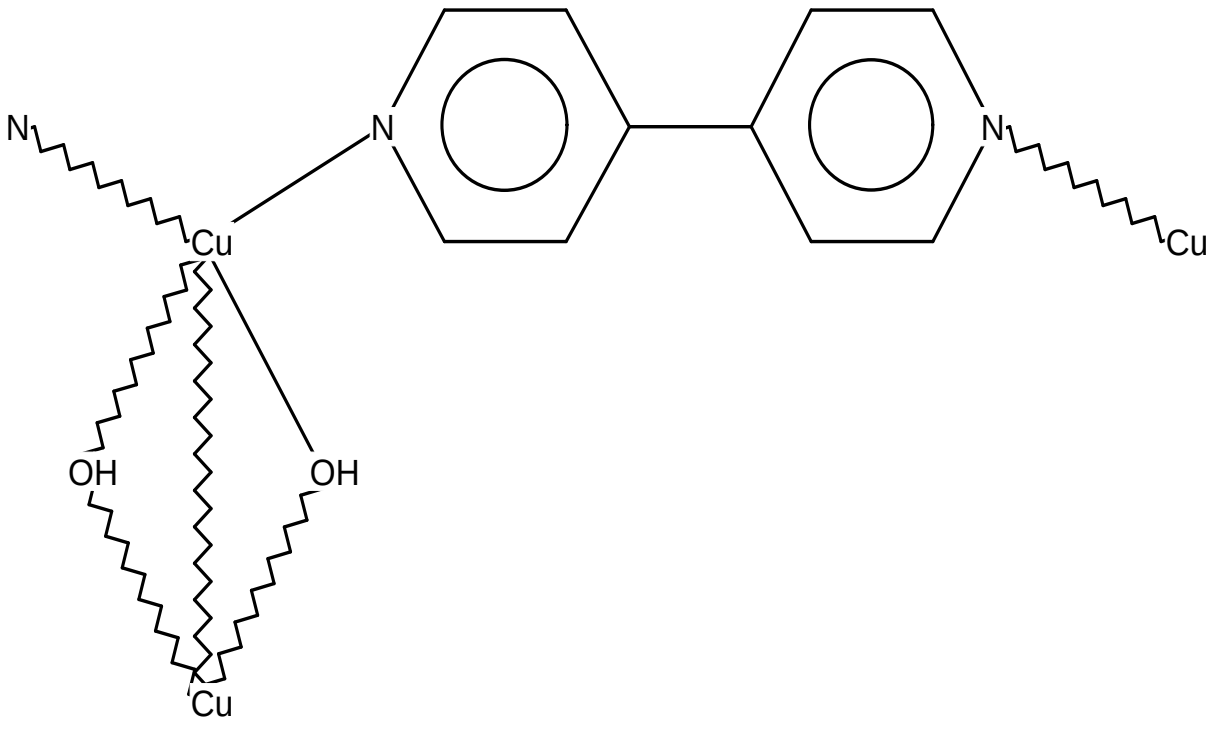
Reference: San-Ping Chen, Guang Fan, Sheng-Li Gao (2007)
Huaxue Xuebao(Chin.)(Acta Chim.Sinica) ,**65,**1385

Formula: $(C_{10}\ H_9\ Cu_1\ N_2\ O_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-hydroxo)-copper)

Space Group:	I41/acd	***Cell:***	***a***	14.180(0)	***b***	14.180(0)	***c***	38.568(3)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.622



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 793

GOLTAD

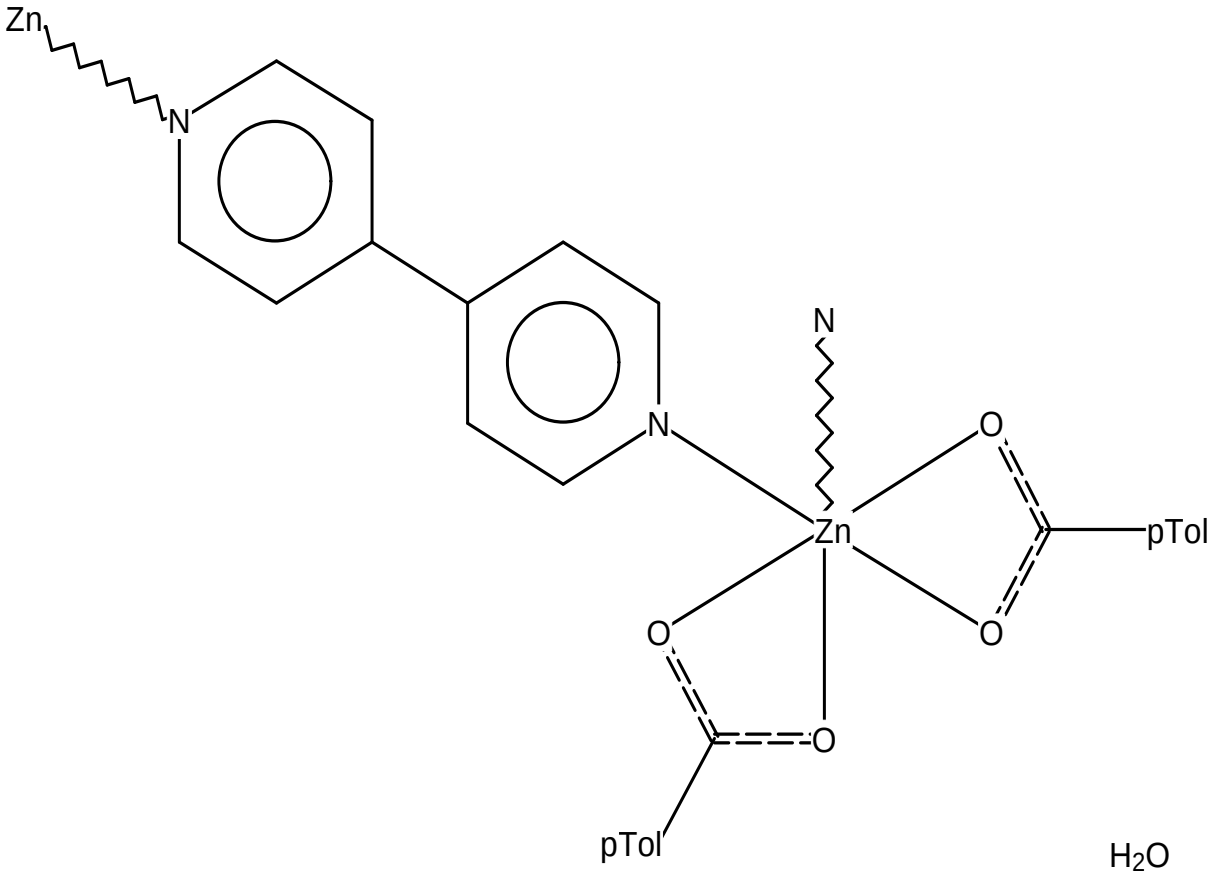
Reference: Xiao-Yan Li, Yin-Feng Han, Ji-Kun Li (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m354

Formula: $(C_{26}\ H_{22}\ N_2\ O_4\ Zn_1)n,4n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-bis(4-methylbenzoato-O,O')-zinc(ii) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	12.024(5)	***b***	18.803(8)	***c*** 12.283(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	98.06(0)	γ 90.00

R-Factor (%): 4.15 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.362



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 794

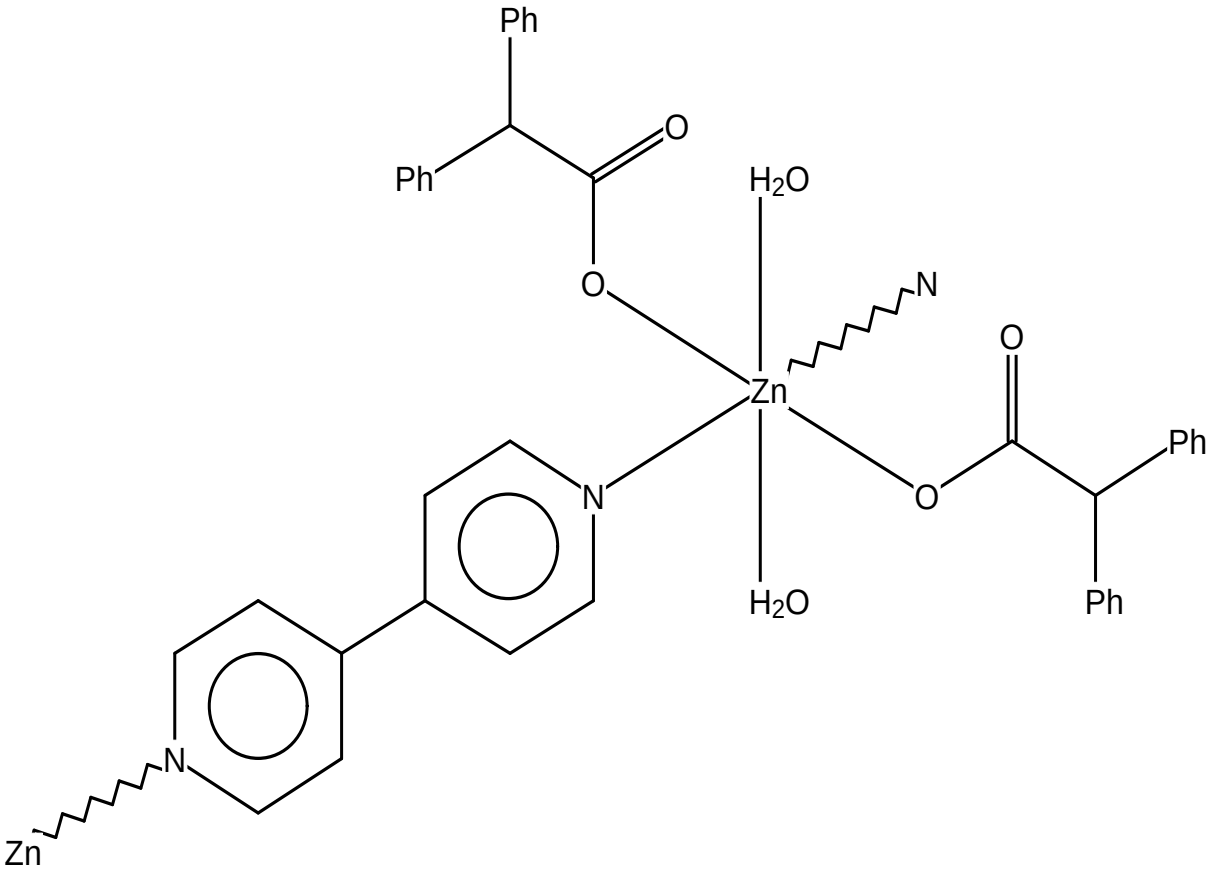
GOLVIN

Reference: Shan-Shan Yu, Hong Zhou, Hua Xian, Zheng-Fang Tian (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***65,**m285

Formula: $(C_{38}\ H_{34}\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-bipyridine)-diaqua-bis(diphenylacetato)-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	5.754(1)	***b*** 11.882(3)	***c***	12.229(3)
Space Group No.:	2	***(Å,°)***	α	98.52(0)	β 103.27(0)	γ	103.45(0)
R-Factor (%):	6.47	***Temperature(K):***	291		***Density(g/cm^3):***	1.460	



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 795

GOMGEV

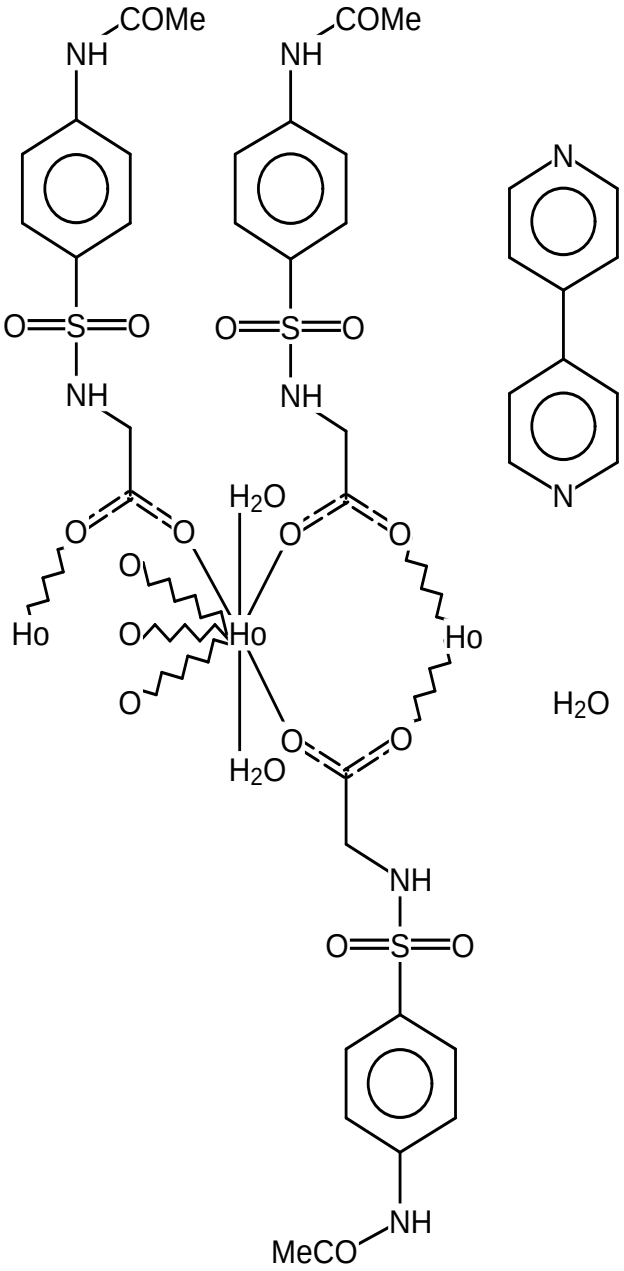
Reference: Jian-Hua Qin, Jian-Ge Wang (2009)
*Z.Kristallogr.-New Cryst.Struct. ,***224,**44

Formula: $(C_{30}\ H_{37}\ Ho_1\ N_6\ O_{17}\ S_3)n,n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-N-(p-Acetamidobenzenesulfonyl)glycinato)-diaqua-holmium(iii) 4,4'-bipyridine heptahydrate)

Space Group:	P-1	***Cell:***	***a***	9.539(0)	***b***	17.001(1)	***c***	17.511(1)
Space Group No.:	2	***(Å,°)***	α	78.47(0)	β	74.27(0)	γ	85.98(0)

R-Factor (%): 2.74 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.609



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 796

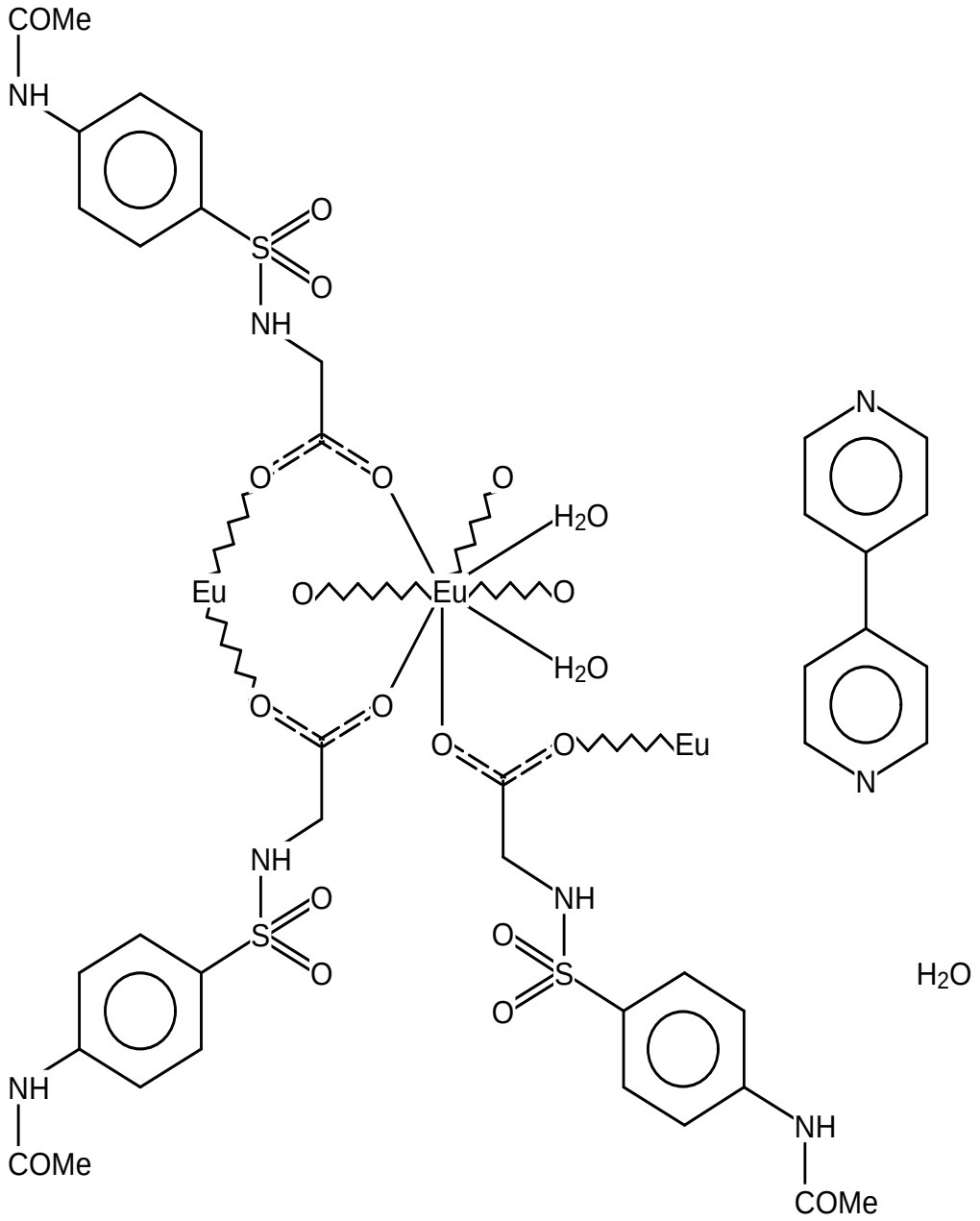
GOMHUM

Reference: Jian-Ge Wang, Jian-Hua Qin (2009)
Z.Kristallogr.-New Cryst.Struct. ,**224,**53

Formula: $(C_{30}\ H_{37}\ Eu_1\ N_6\ O_{17}\ S_3)n,n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-N-(p-(Acetamido)benzenesulfonyl)glycinato-O,O')-diaqua-europium(iii) 4,4'-bipyridine heptahydrate)

Space Group:	P-1	***Cell:***	***a***	9.575(0)	***b***	16.984(1)	***c***	17.520(1)
Space Group No.:	2	***(Å,°)***	α	78.31(0)	β	74.16(0)	γ	86.11(0)
R-Factor (%):	3.64	***Temperature(K):***	291		***Density(g/cm^3):***		1.589	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 797

GOMTIL

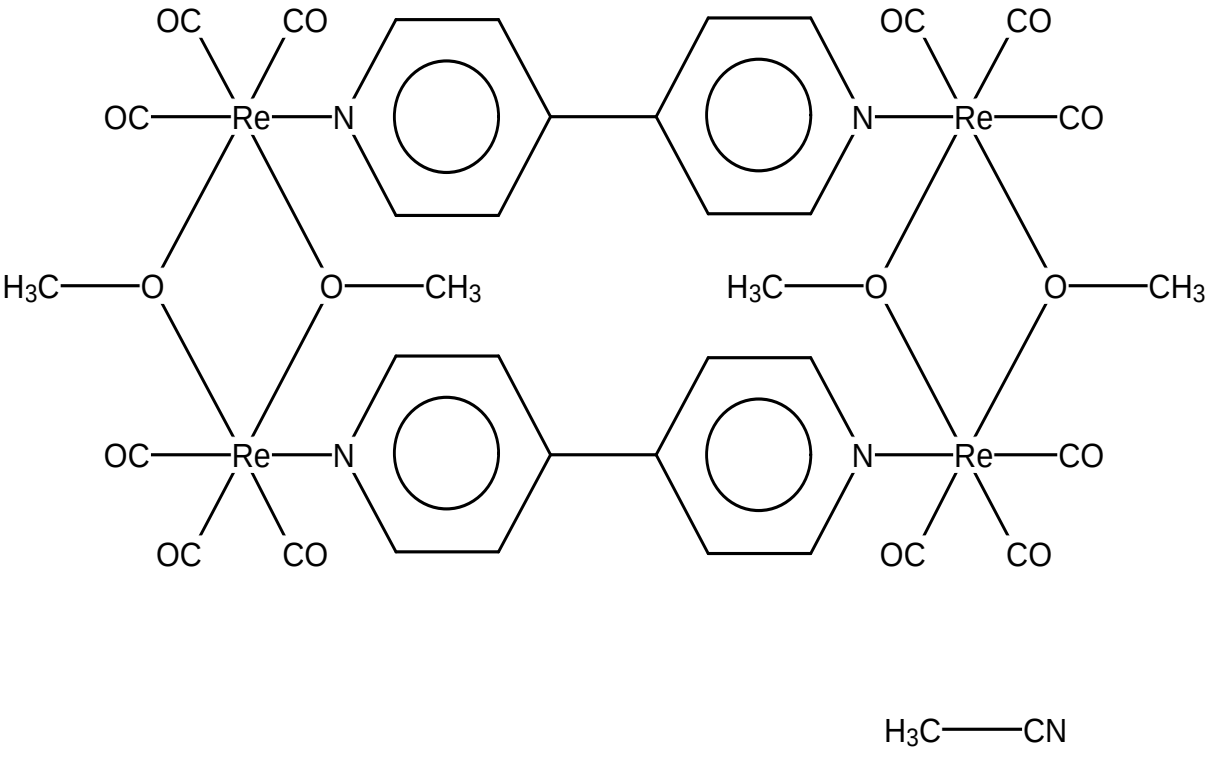
Reference: S.M.Woessner, J.B.Helms, Yibing Shen, B.P.Sullivan (1998) *Inorg.Chem.* ,**37,**5406

Formula: $C_{36}\ H_{28}\ N_4\ O_{16}\ Re_4$,4($C_2\ H_3\ N_1$)

Compound Name: tetrakis(μ_2-Methoxo)-bis(μ_2-4,4'-bipyridine)-dodecacarbonyl-tetra-rhenium acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	15.132(2)	***b*** 9.118(2)	***c***	20.811(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.72(3)	γ	90.00

R-Factor (%): 4.99 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.066



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 798

GORWUF

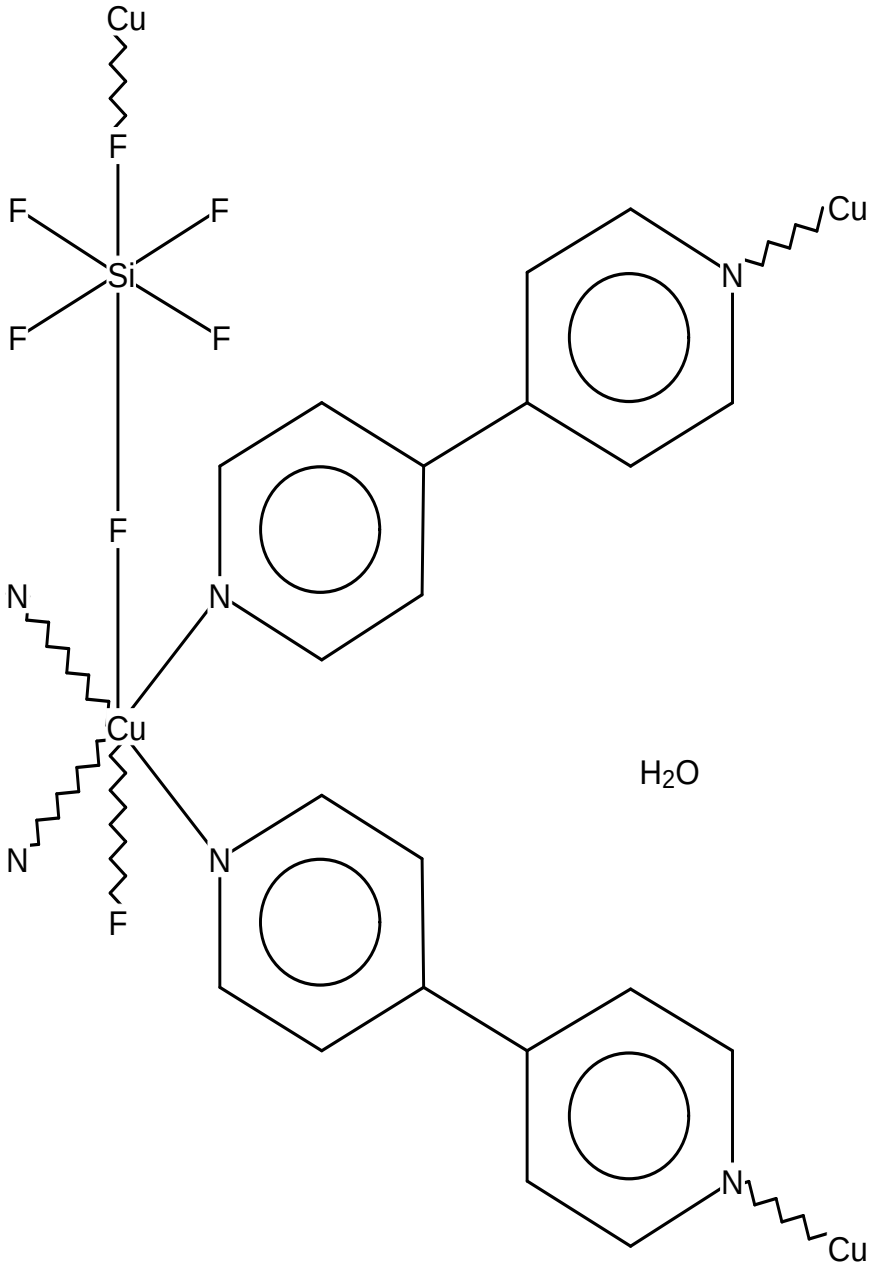
Reference: S.Noro, S.Kitagawa, M.Kondo, K.Seki (2000)
*Angew.Chem.,Int.Ed. ,***39,**2082

Formula: $(C_{20}\ H_{16}\ Cu_1\ F_6\ N_4\ Si_1)n,8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl-N,N')-(μ_2-hexafluorosilicate-F,F')-copper(ii) octahydrate)

Space Group:	P4/mmm	***Cell:***	***a***	11.108(1)	***b***	11.108(1)	***c***	8.111(0)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.02 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.099



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 799

GOSSEM

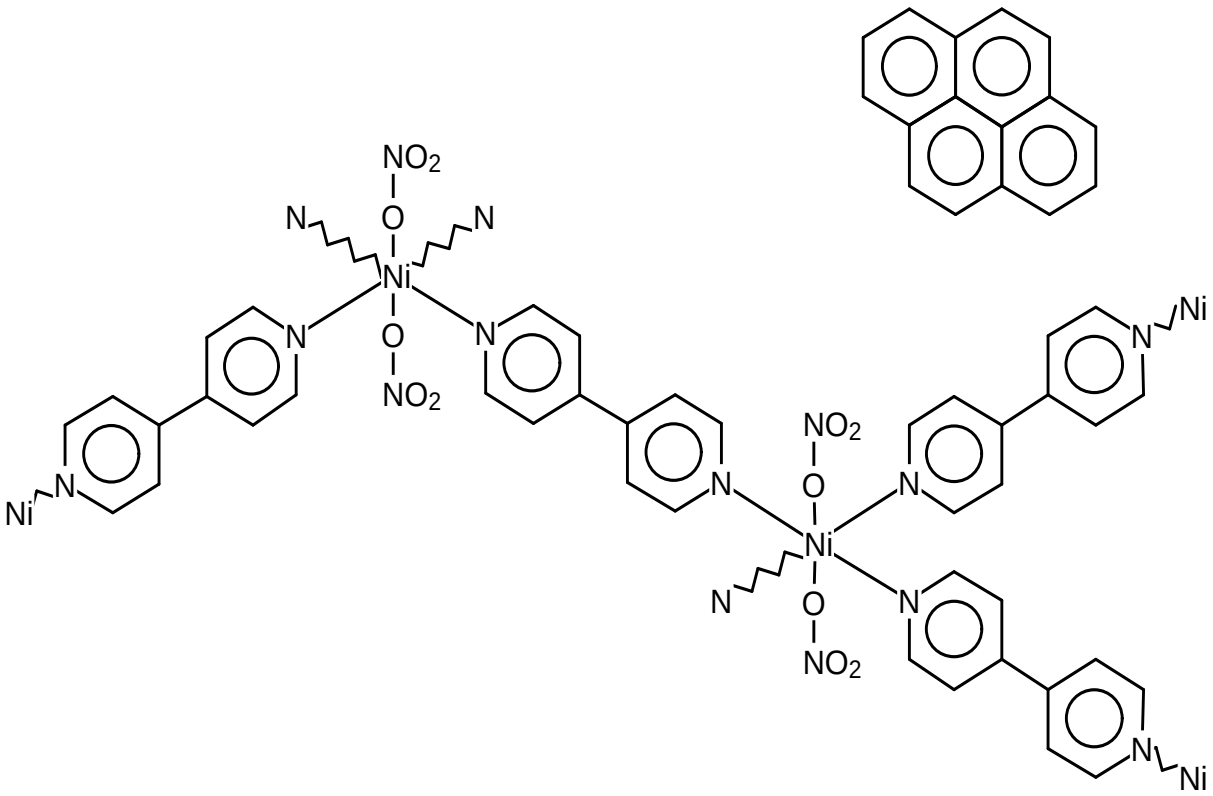
Reference: K.Biradha, K.V.Domasevitch, B.Moulton, C.Seward, M.J.Zaworotko (1999) *Chem.Commun.* ,1327

Formula: $(C_{40}\ H_{32}\ N_{12}\ Ni_2\ O_{12})n,4n(C_{16}\ H_{10})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-nickel(ii)) bis(pyrene)

Space Group:	Pn	***Cell:***	***a***	11.360(0)	***b***	22.771(1)	***c***	15.858(0)
Space Group No.:	7	***(Å,°)***	α	90.00	β	93.96(0)	γ	90.00

R-Factor (%): 4.09 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.460



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 800

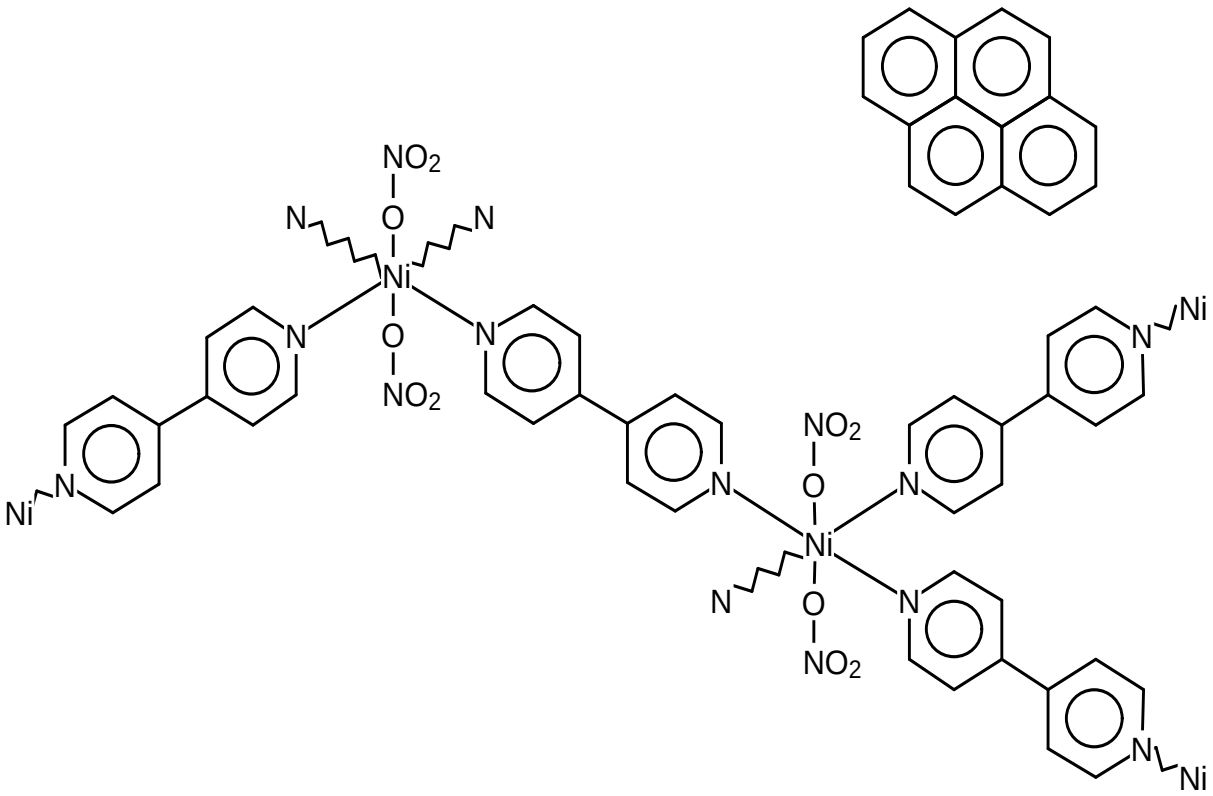
GOSSEM01

Reference: F.H.Herbstein (2001) *Acta Crystallogr.,Sect.B:Struct.Sci.* , **57,**517

Formula: $(C_{40}\ H_{32}\ N_{12}\ Ni_2\ O_{12})n,4n(C_{16}\ H_{10})$

Compound Name: catena-(bis(bis(μ_2-4,4'-Bipyridine)-dinitrato-nickel(ii)) tetrakis(pyrene))

Space Group:	P21/n	***Cell:***	***a***	11.360(0)	***b***	22.771(1)	***c*** 15.858(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.96(0)	γ 90.00
R-Factor (%):	4.10	***Temperature(K):***	295		***Density(g/cm^3):***		1.460



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 801

GOTJUU

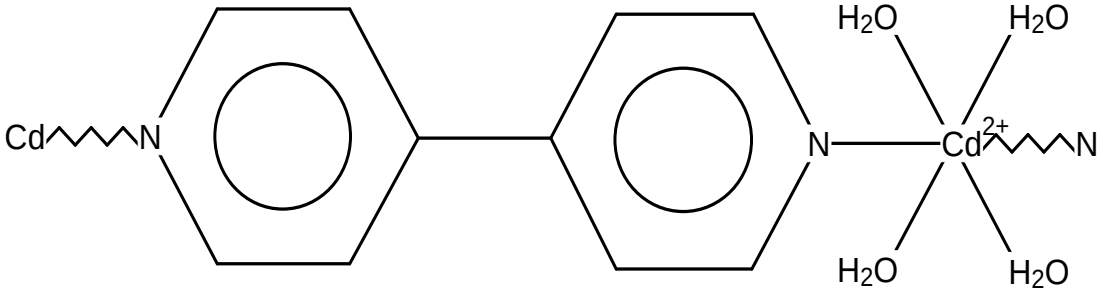
Reference: Ren-Gen Xiong, Cai-Ming Liu, Jing-Lin Zuo, Xiao-Zeng You (1999) *Inorg.Chem.Commun.* ,**2,**292

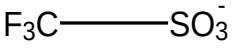
Formula: $(C_{10}\ H_{16}\ Cd_1\ N_2\ O_4\ ^{2+})n,2n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena(Tetra-aqua-(4,4'-bipyridyl)-cadmium bis(triflate))

Space Group:	Ibam	***Cell:***	***a***	11.608(0)	***b***	12.379(0)	***c*** 15.279(0)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.23 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.932





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 802

GOTKAB

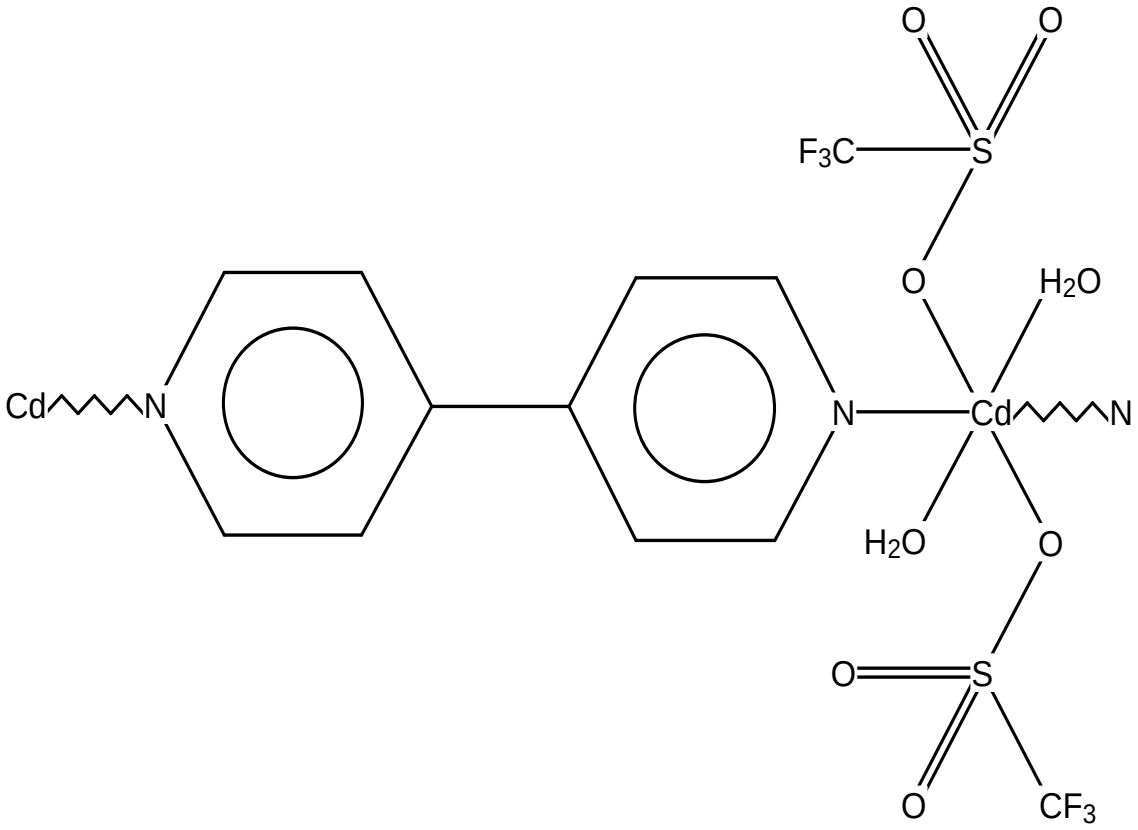
Reference: Ren-Gen Xiong, Cai-Ming Liu, Jing-Lin Zuo, Xiao-Zeng You (1999) *Inorg.Chem.Commun.* ,**2,**292

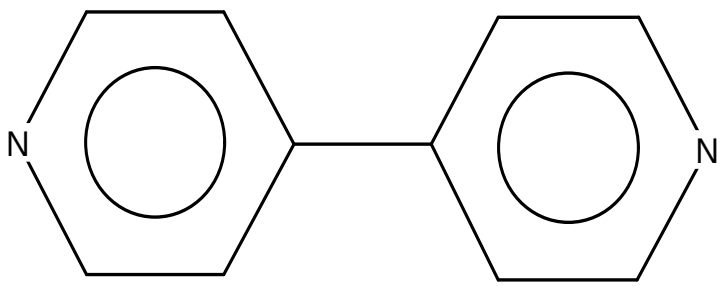
Formula: $(C_{12}\ H_{12}\ Cd_1\ F_6\ N_2\ O_8\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena(Diaqua-(4,4'-bipyridyl)-bis(triflate)-cadmium 4,4'-bipyridine)

Space Group:	Pccn	***Cell:***	***a***	7.991(0)	***b***	15.301(0)	***c*** 23.404(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.762





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 803

GOTKEF

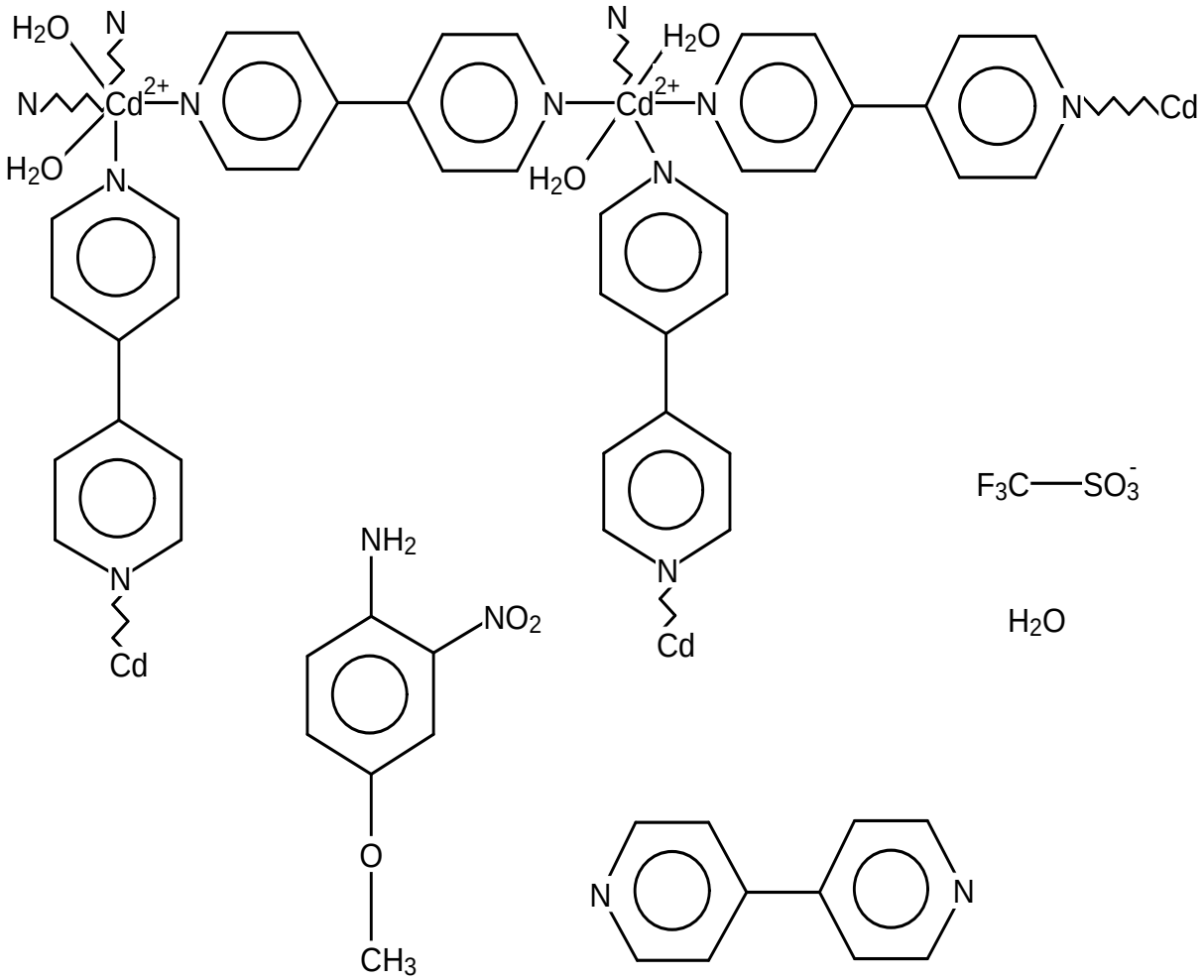
Reference: Ren-Gen Xiong, Cai-Ming Liu, Jing-Lin Zuo, Xiao-Zeng You (1999) *Inorg.Chem.Commun.* ,**2,**292

Formula: $(C_{40}\ H_{40}\ Cd_2\ N_8\ O_4\ ^{4+})n,4n(C_1\ F_3\ O_3\ S_1\ ^{1-}),2n(C_{10}\ H_8\ N_2),4n(C_7\ H_8\ N_2\ O_3),4n(H_2\ O_1$

Compound Name: catena(bis(Diaqua-bis(4,4'-bipyridyl)-cadmium bis(triflate) bis(4,4'-bipyridine) bis(4-methoxynitroaniline)) tetrahydrate clathrate)

Space Group:	C2/c	***Cell:***	***a***	20.505(1)	***b*** 11.811(0)	***c***	23.266(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.19(0)	γ	90.00

R-Factor (%): 4.09 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.565



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 804

GOXKUZ

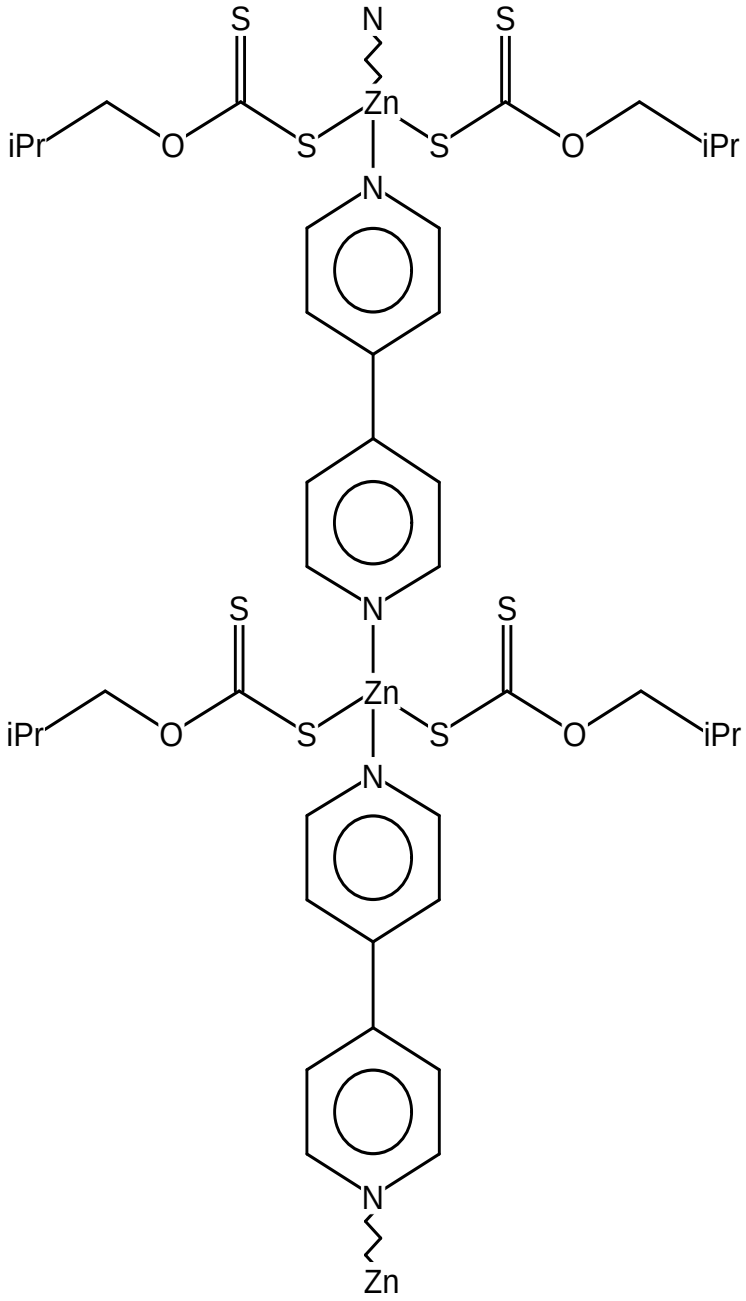
Reference: S.V.Larionov, L.A.Glinskaya, T.G.Leonova, R.F.Klevtsova (1998) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**24,**909

Formula: $(C_{40}\ H_{52}\ N_4\ O_4\ S_8\ Zn_2)n$

Compound Name: catena(bis(μ_2-4,4'-Bipyridyl)-tetrakis(O-isobutyldithiocarbonato)-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	26.286(5)	***b***	22.269(4)	***c***	8.484(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.04(3)	γ	90.00

R-Factor (%): 3.88 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.409



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 805

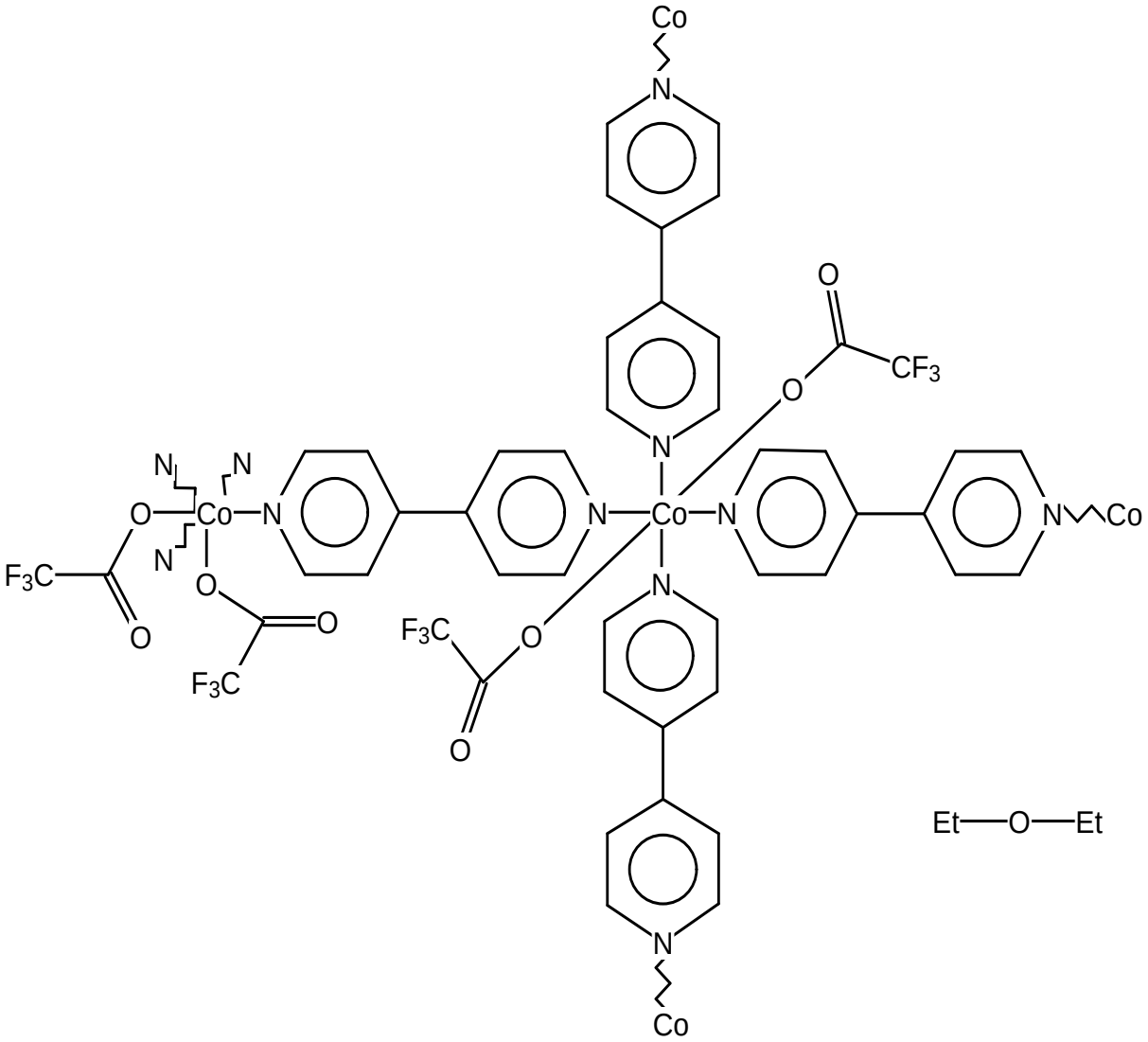
GOYLAH

Reference: You-Sheng Zhang, G.D.Enright, S.R.Breeze, Suning Wang (1999) *New J.Chem. ,***23,**625

Formula: $(C_{48}\ H_{32}\ Co_2\ F_{12}\ N_8\ O_8)n,3n(C_4\ H_{10}\ O_1)$

Compound Name: catena(tetrakis((μ$_2$-4,4'-Bipyridine)-(trifluoroacetato))-di-cobalt(ii) diethyl ether solvate)

Space Group:	C2/c	***Cell:***	***a***	27.173(3)	***b***	15.280(2)	***c*** 17.026(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	107.06	γ 90.00
R-Factor (%):	7.84	***Temperature(K):***	173		***Density(g/cm^3):***		1.393



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 806

GOYLEL

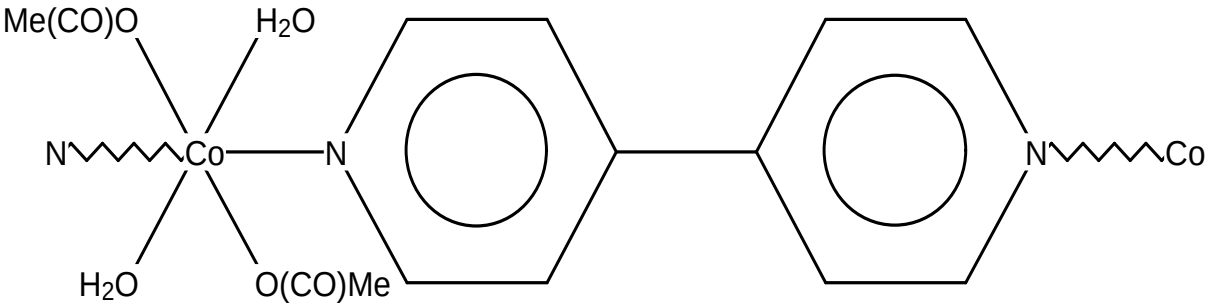
Reference: You-Sheng Zhang, G.D.Enright, S.R.Breeze, Suning Wang (1999) *New J.Chem. ,***23,**625

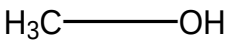
Formula: $(C_{14}\ H_{18}\ Co_1\ N_2\ O_6)n,n(C_1\ H_4\ O_1),n(H_2\ O_1)$

Compound Name: catena(bis(μ_2-4,4'-Bipyridine)-tetra-aqua-tetra-acetato-di-cobalt (μ_2-4,4'-bipyridine)-diaqua-di-acetato-cobalt methanol solvate monohydrate)

Space Group:	P2/n	***Cell:***	***a*** 11.854(1)	***b*** 7.415(0)	***c*** 19.448(6)
Space Group No.:	13	***(Å,°)***	α 90.00	β 90.06(2)	γ 90.00

R-Factor (%): 6.71 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.629





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 807

GOYQOA

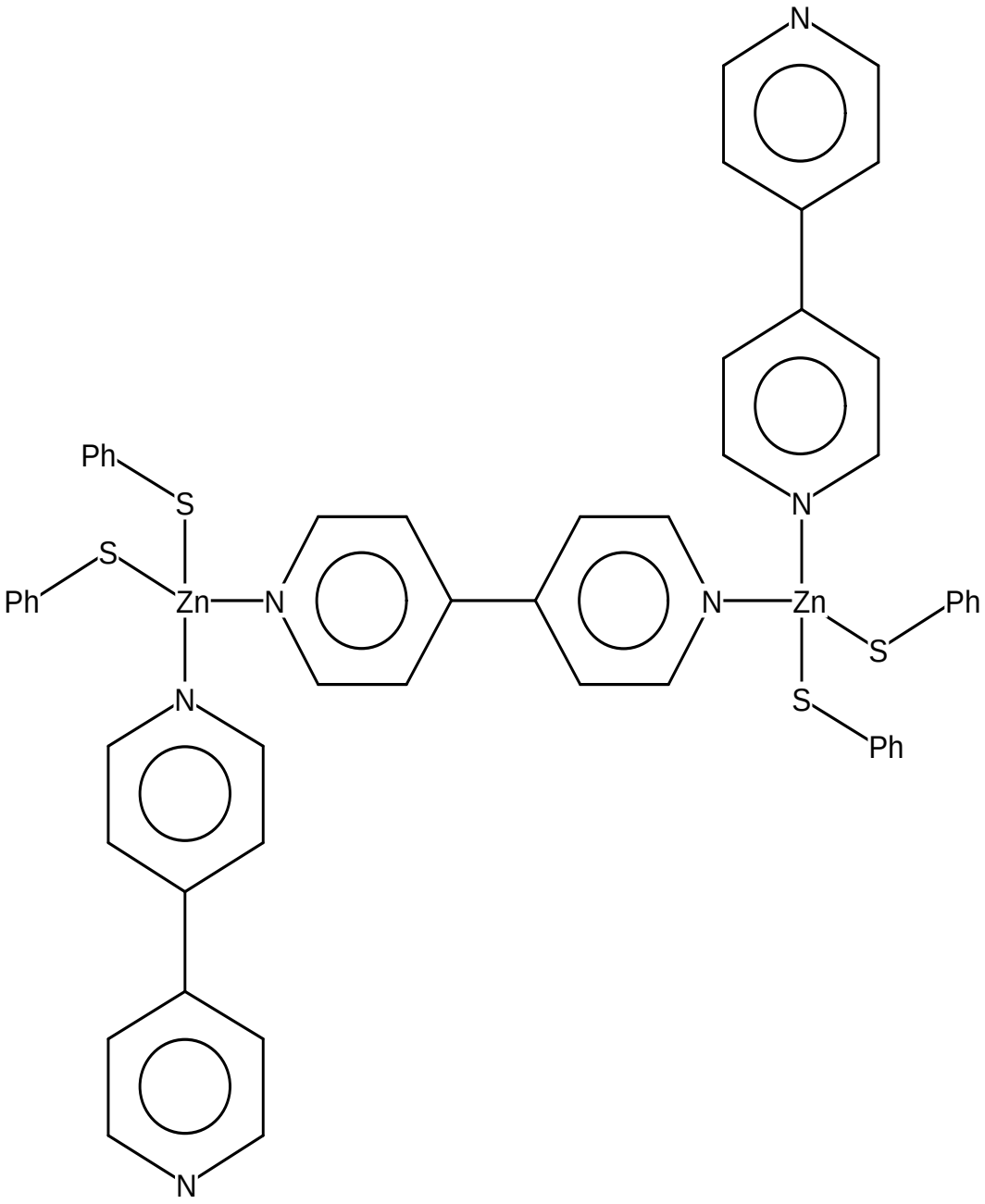
Reference: J.T.Sampanthar, J.J.Vittal (1999)
J.Chem.Soc.,Dalton Trans. ,1993

Formula: $C_{54}\ H_{44}\ N_6\ S_4\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(benzenethiolato)-bis(4,4'-bipyridine)-di-zinc

Space Group:	P21/c	***Cell:***	***a***	14.428(0)	***b*** 17.536(0)	***c***	9.944(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.85	γ	90.00

R-Factor (%): 4.26 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.415



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 808

GOYQUG

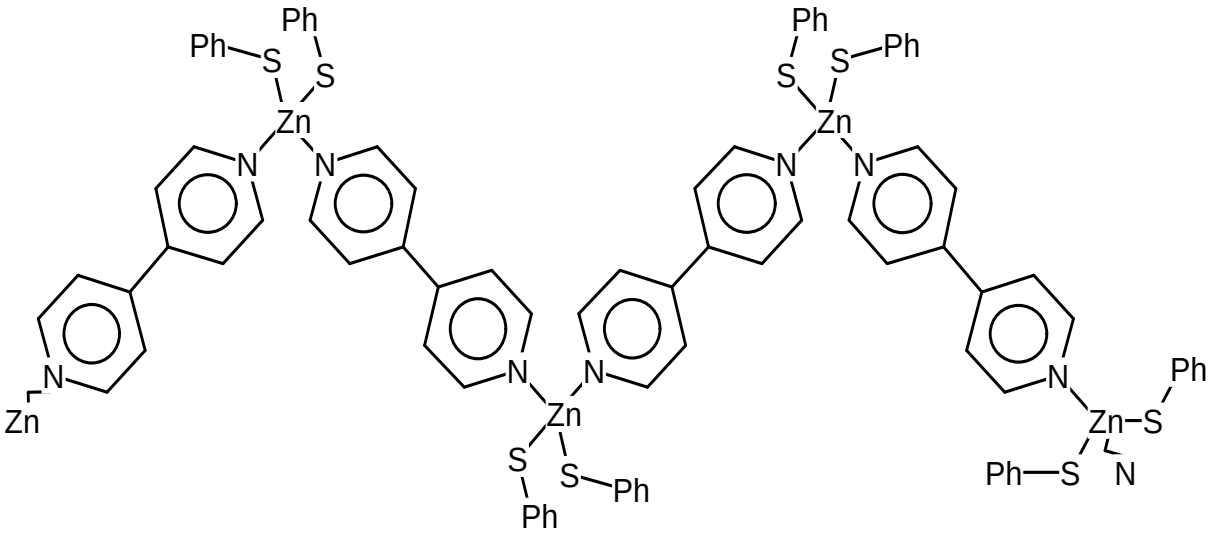
Reference: J.T.Sampanthar, J.J.Vittal (1999)
J.Chem.Soc.,Dalton Trans. ,1993

Formula: $(C_{88}\ H_{72}\ N_8\ S_8\ Zn_4)n$

Compound Name: catena(tetrakis(μ_2-4,4'-Bipyridine)-octakis(benzenethiolato)-tetra-zinc)

Space Group:	P-1	***Cell:***	***a***	10.833(0)	***b***	13.784(0)	***c***	17.022(0)
Space Group No.:	2	***(Å,°)***	α	69.59(0)	β	88.25(0)	γ	87.95(0)

R-Factor (%): 11.83 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.228



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 809

GOYRAN

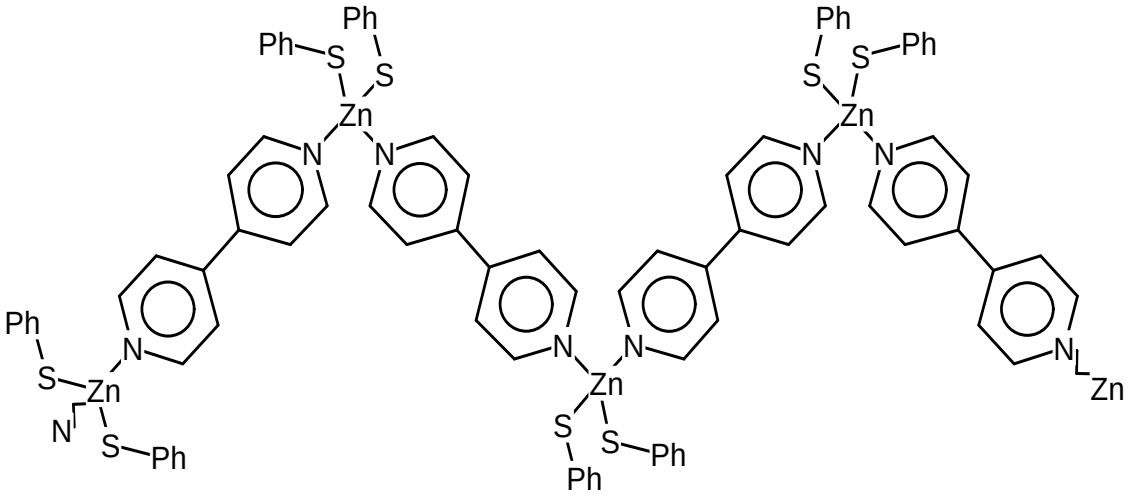
Reference: J.T.Sampanthar, J.J.Vittal (1999)
J.Chem.Soc.,Dalton Trans. ,1993

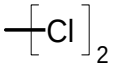
Formula: $(C_{88}\ H_{72}\ N_8\ S_8\ Zn_4)n,0.5n(C_1\ H_2\ Cl_2),2n(H_2\ O_1)$

Compound Name: catena(tetrakis(μ_2-4,4'-Bipyridine)-octakis(benzenethiolato)-tetra-zinc dichloromethane solvate dihydrate)

Space Group:	P-1	***Cell:***	***a***	13.682(0)	***b***	19.717(0)	***c*** 20.253(0)
Space Group No.:	2	***(Å,°)***	α	65.09(0)	β	71.90(0)	γ 73.91(0)

R-Factor (%): 10.23 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.315





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 810

GOZBEC

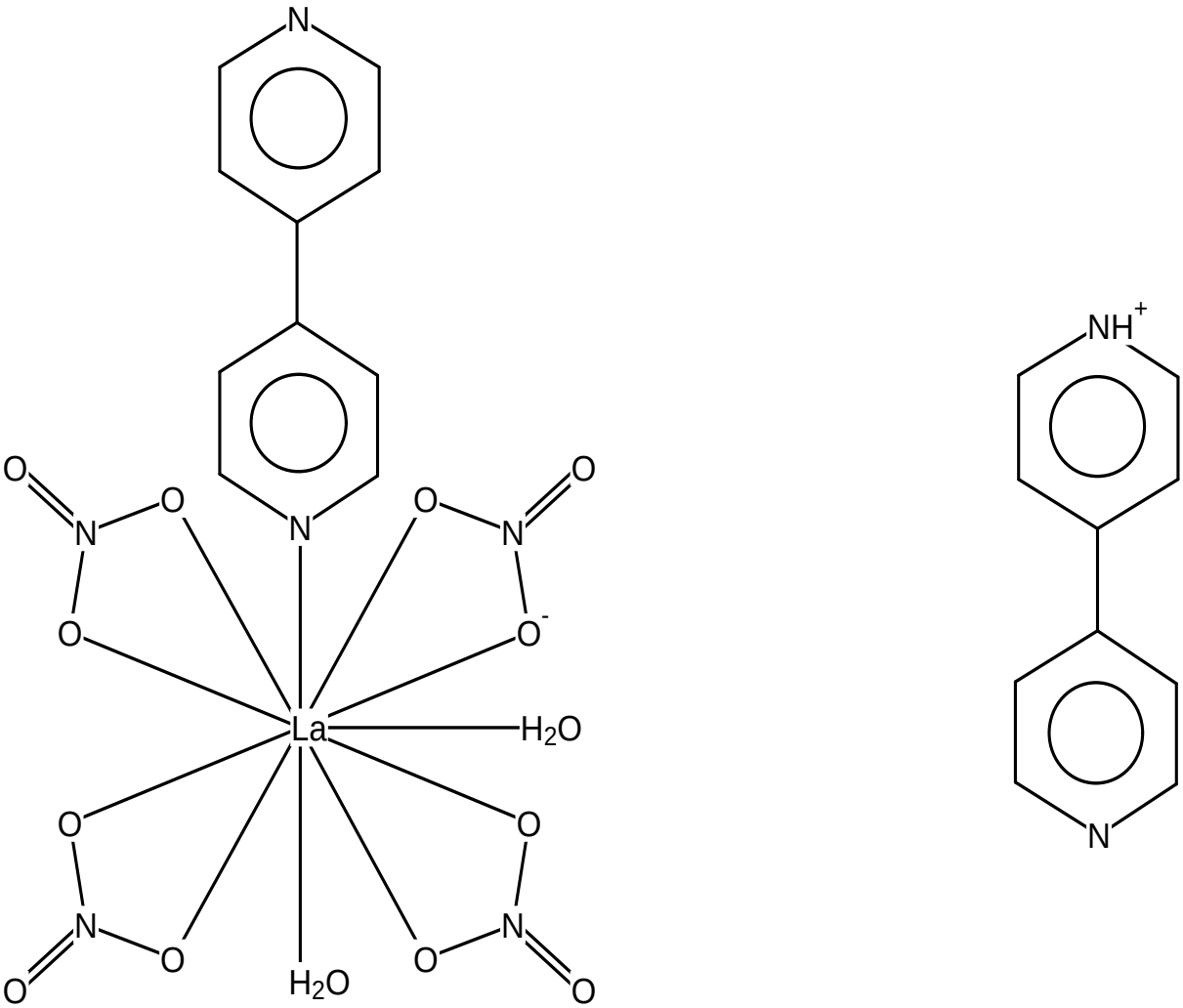
Reference: C.V.Krishnamohan Sharma, R.D.Rogers (1999)
Chem.Commun. ,83

Formula: $C_{10}\,H_{12}\,La_1\,N_6\,O_{14}^{\,1-}$,$C_{10}\,H_9\,N_2^{\,1+}$

Compound Name: 4-(4-Pyridyl)pyridinium diaqua-(4,4'-bipyridyl)-tetranitrato-lanthanum

Space Group:	P212121	***Cell:***	***a***	7.266(0)	***b***	18.514(1)	***c***	19.920(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.53 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.825



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 811

GOZBIG

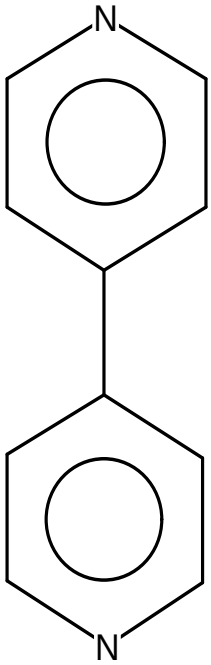
Reference: C.V.Krishnamohan Sharma, R.D.Rogers (1999)
Chem.Commun. ,83

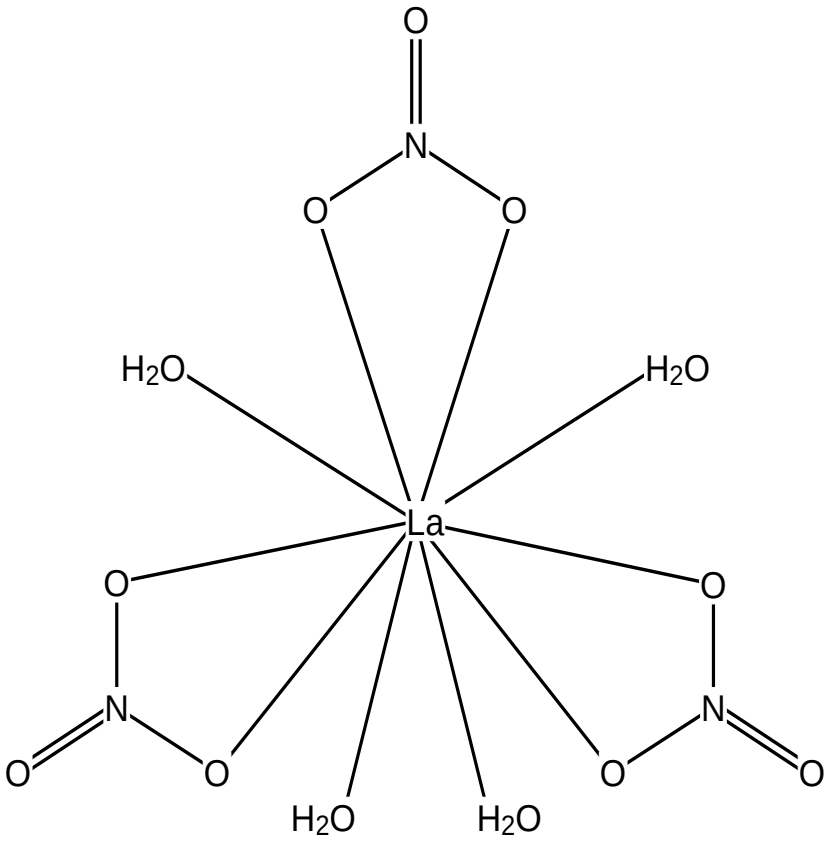
Formula: $2(C_{10}\ H_8\ N_2),H_8\ La_1\ N_3\ O_{13},H_2\ O_1$

Compound Name: bis(4,4'-Bipyridyl) tetra-aqua-trinitrato-lanthanum monohydrate

Space Group:	P212121	***Cell:***	***a***	7.123(0)	***b***	16.169(0)	***c***	24.728(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	2.25	***Temperature(K):***	173	***Density(g/cm^3):***	1.696





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 812

GUBBAG

Reference: H.Yoshikawa, S.Nishikiori (2000) *Chem.Lett.* ,142

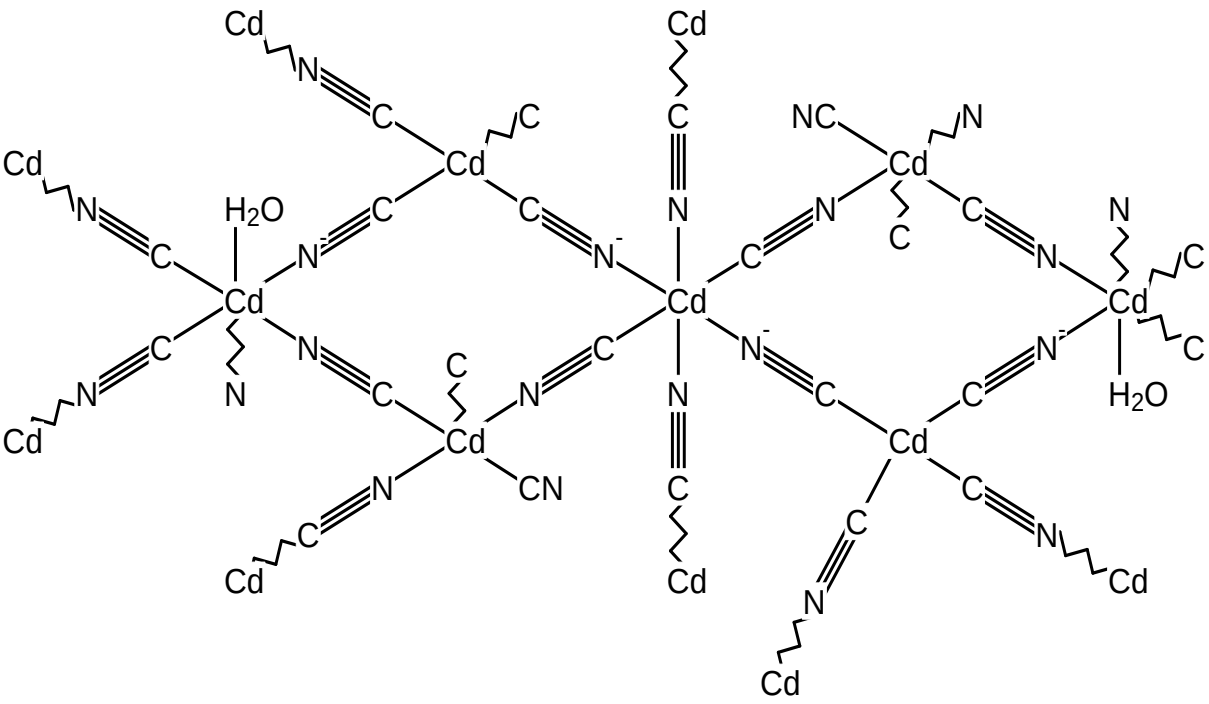
Formula: $(C_{18}\ H_4\ Cd_7\ N_{18}\ O_2\ ^{4-})n,2n(C_{12}\ H_{14}\ N_2\ ^{2+}),2n(C_6\ H_6)$

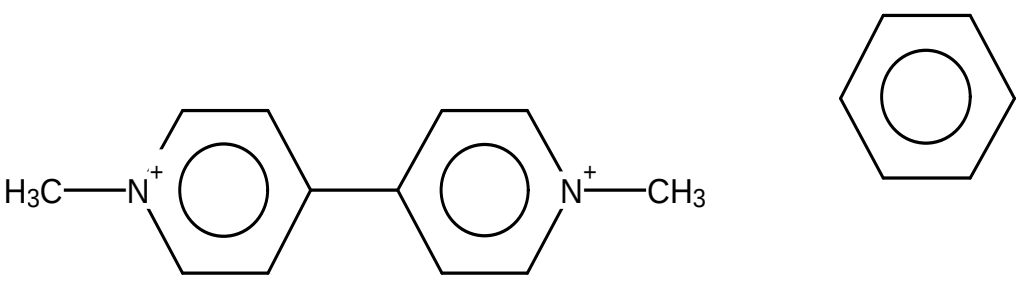
Compound Name: catena-(hexadecakis(μ_2-Cyano)-dicyano-diaqua-hepta-cadmium bis(1, 1'-dimethyl-4,4'-bipyridinium) benzene clathrate)

Synonym: catena-(hexadecakis(μ_2-Cyano)-dicyano-diaqua-hepta-cadmium bis(methylviologen) benzene clathrate)

Space Group:	P21/n	***Cell:***	***a***	8.166(5)	***b***	22.154(6)	***c***	18.475(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.70(5)	γ	90.00

R-Factor (%): 4.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.829





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 813

GUBVUU

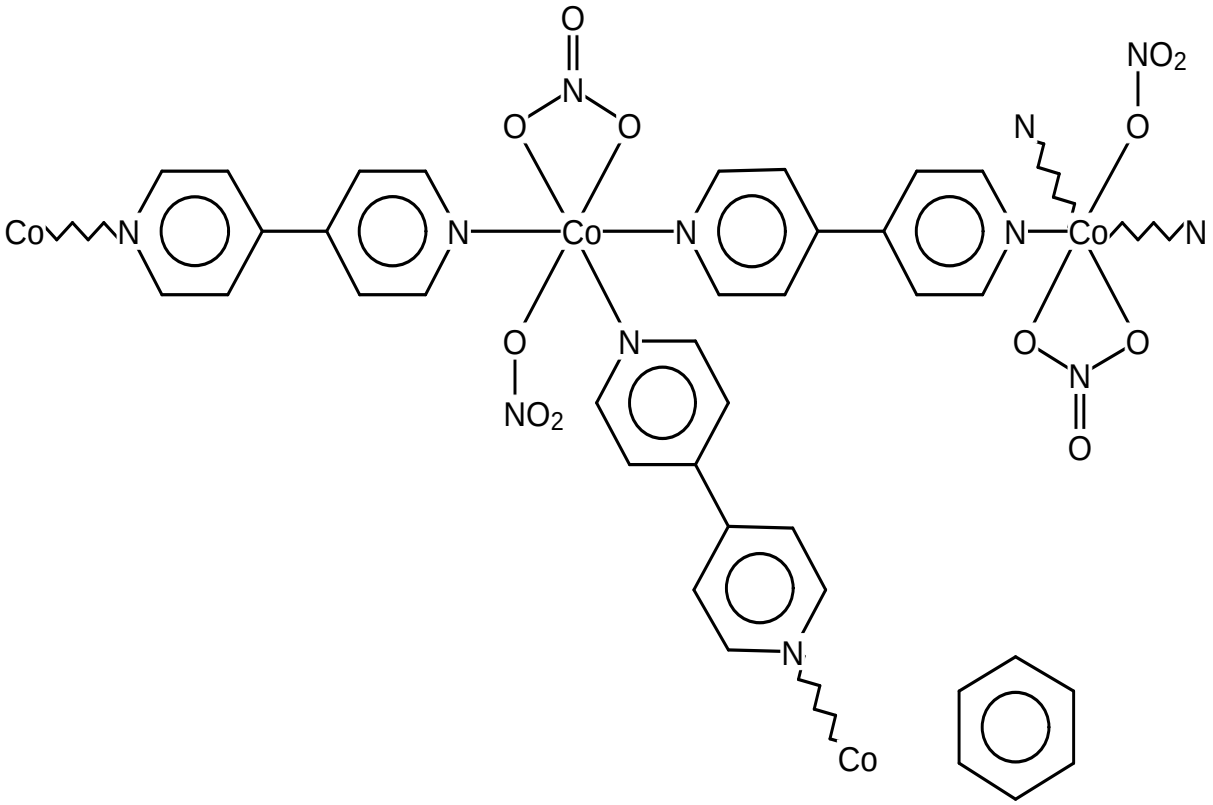
Reference: H.Gudbjartson, K.Biradha, K.M.Poirier, M.J.Zaworotko (1999) *J.Am.Chem.Soc.* ,**121,**2599

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,3n(C_6\ H_6)$

Compound Name: catena(tris(μ_2-4,4'-Bipyridine)-tetranitrato-di-cobalt benzene solvate)

Space Group:	Cc	***Cell:***	***a***	21.438(1)	***b*** 23.318(1)	***c***	10.798(6)
Space Group No.:	9	***(Å,°)***	α	90.00	β 110.11(1)	γ	90.00

R-Factor (%): 6.19 ***Temperature(K):*** 203 ***Density(g/cm^3):*** 1.401



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 814

GUCJAQ

Reference: Shu-Hao Huang, Chia-Her Lin, Wei-Chang Wu, Sue-Lein Wang (2009) *Angew.Chem.,Int.Ed.* ,**48,**6124

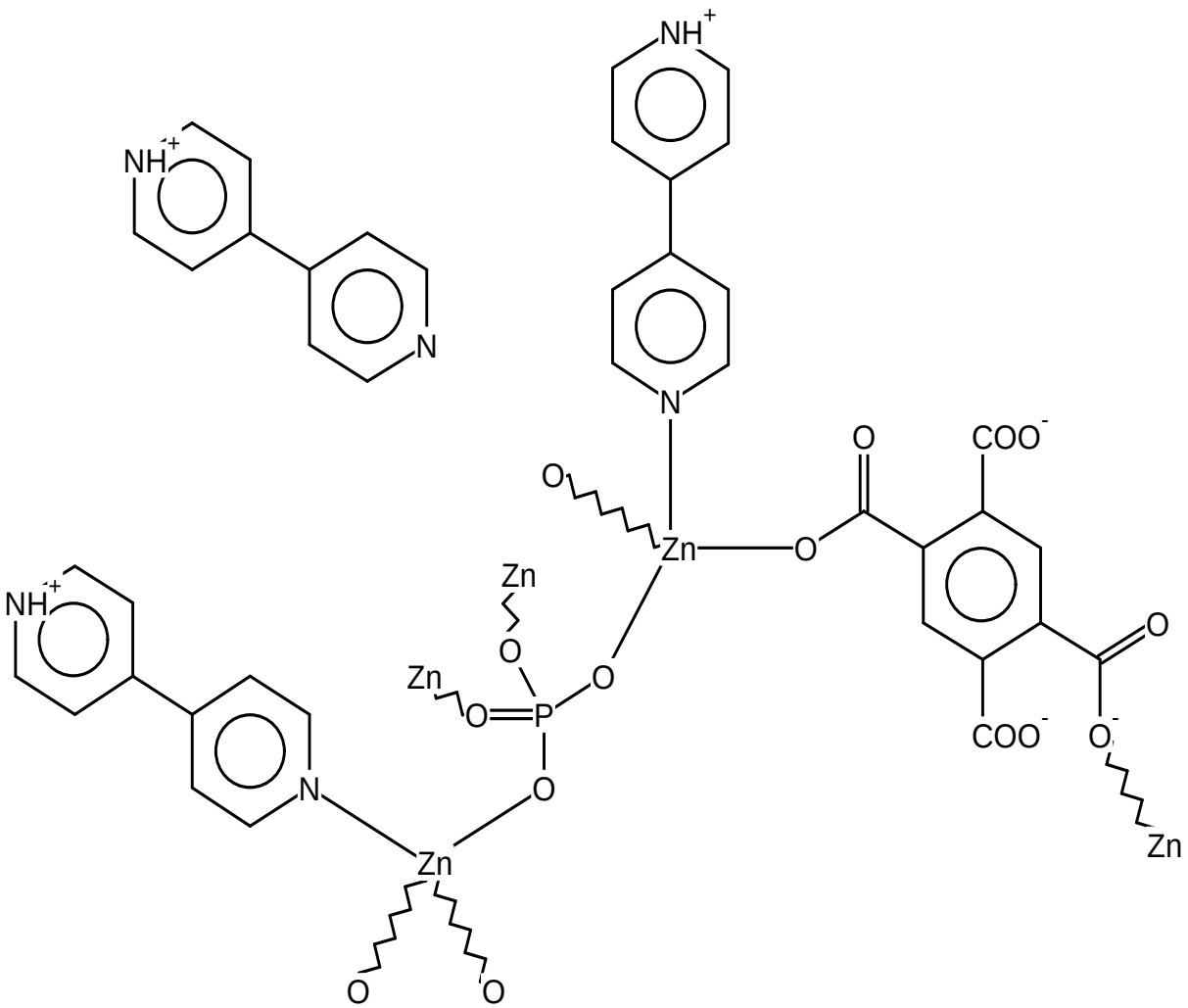
Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,n(C_{30}\ H_{20}\ N_4\ O_{12}\ P_1\ Zn_2\ ^{1-})$

Compound Name: catena-[(4-(Pyridin-4-yl)pyridinium) (μ_4-phosphato-O,O',O'',O''')-(μ_2-benzene-1,2,4,5-tetracarboxylato-O,O')-bis(4-(4-pyridinium)pyridyl)-di-zinc(ii)]

Synonym: NTHU-8

Space Group:	C2/c	***Cell:***	***a***	22.882(0)	***b***	18.447(0)	***c*** 9.682(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.48(0)	γ 90.00

R-Factor (%): 3.82 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.547



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 815

GUFHAR

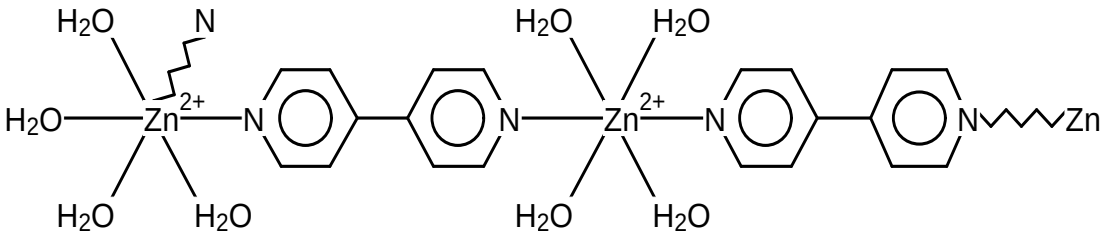
Reference: Jing Zhang, Long-Guan Zhu (2009) *J.Mol.Struct.* ,**931,**87

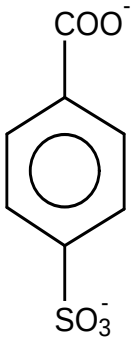
Formula: $(C_{20}\ H_{32}\ N_4\ O_8\ Zn_2\ ^{4+})n,2n(C_7\ H_4\ O_5\ S_1\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-octa-aqua-di-zinc(ii) bis(4-sulfobenzoate))

Space Group:	P-1	***Cell:***	***a***	7.384(0)	***b***	10.539(0)	***c*** 13.503(1)
Space Group No.:	2	***(Å,°)***	α	67.39(0)	β	83.67(0)	γ 78.48(0)

R-Factor (%): 2.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.726





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 816

GUFHEV

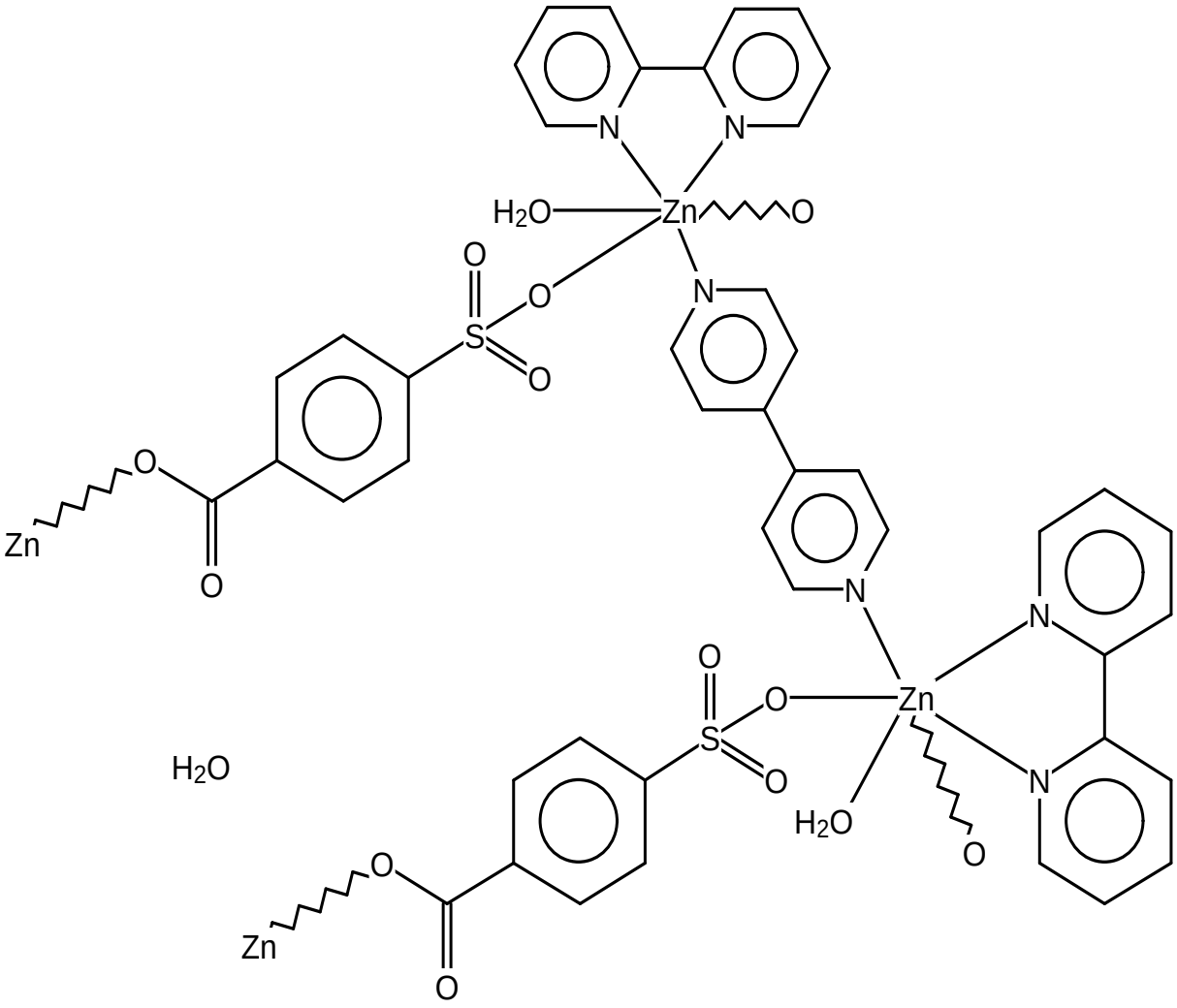
Reference: Jing Zhang, Long-Guan Zhu (2009) *J.Mol.Struct.* ,**931,**87

Formula: $(C_{44}\ H_{36}\ N_6\ O_{12}\ S_2\ Zn_2)n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4-Sulfobenzoato)-(μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-diaqua-di-zinc(ii) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	8.872(3)	***b***	9.886(3)	***c*** 13.595(4)
Space Group No.:	2	***(Å,°)***	α	86.79(0)	β	89.86(0)	γ 79.97(0)

R-Factor (%): 4.83 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.569



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 817

GUFHOF

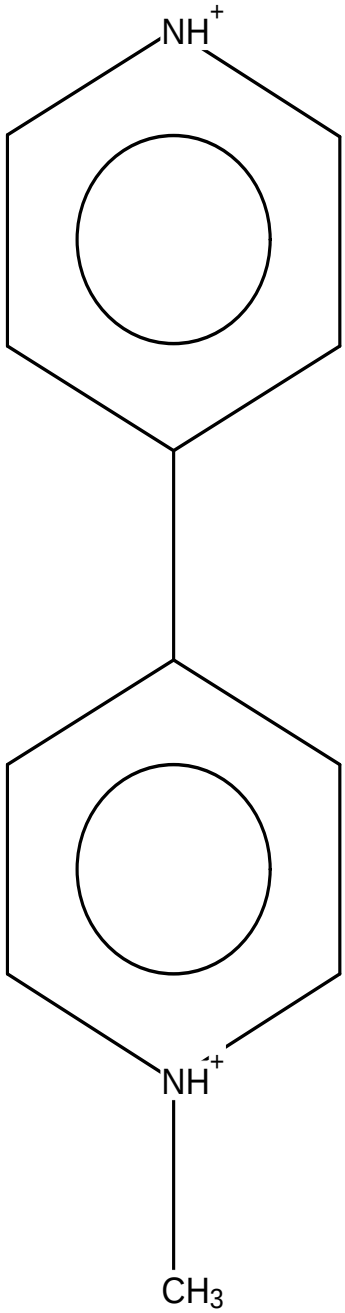
Reference: X.-N.Fang, W.-T.Chen, Y.-P.Xu, Q.-Y.Luo, H.-L.Chen (2009) *J.Iran.Chem.Soc.* ,**6,**213

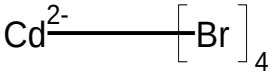
Formula: $C_{11}\ H_{13}\ N_2\ ^{2+},Br_4\ Cd_1\ ^{2-}$

Compound Name: N-Methyl-4,4'-bipyridinium tetrabromocadmanate

Space Group:	P21/c	***Cell:***	***a***	8.153(4)	***b*** 23.060(3)	***c***	9.519(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.03(0)	γ	90.00

R-Factor (%): 7.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.349





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 818

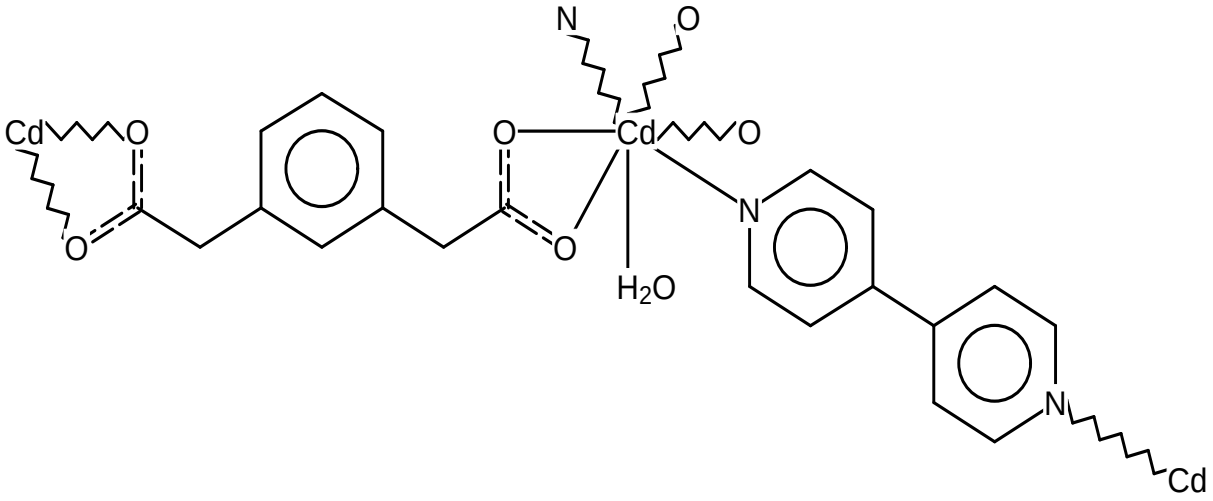
GUFRAB

Reference: Mei-Li Zhang, Dong-Sheng Li, Ji-Jiang Wang, Feng Fu, Miao Du, Kun Zou, Xiao-Ming Gao (2009) *Dalton Trans.* ,5355

Formula: $(C_{20}\ H_{18}\ Cd_1\ N_2\ O_5)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-1,3-phenylenediacetate-O,O',O'',O''')-aqua-cadmium(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.991(4)	***b***	11.514(5)	***c*** 12.075(5)
Space Group No.:	2	***(Å,°)***	α	107.35(0)	β	97.50(0)	γ 108.93(0)
R-Factor (%):	1.96	***Temperature(K):***	293		***Density(g/cm^3):***		1.700



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 819

GUGWUA

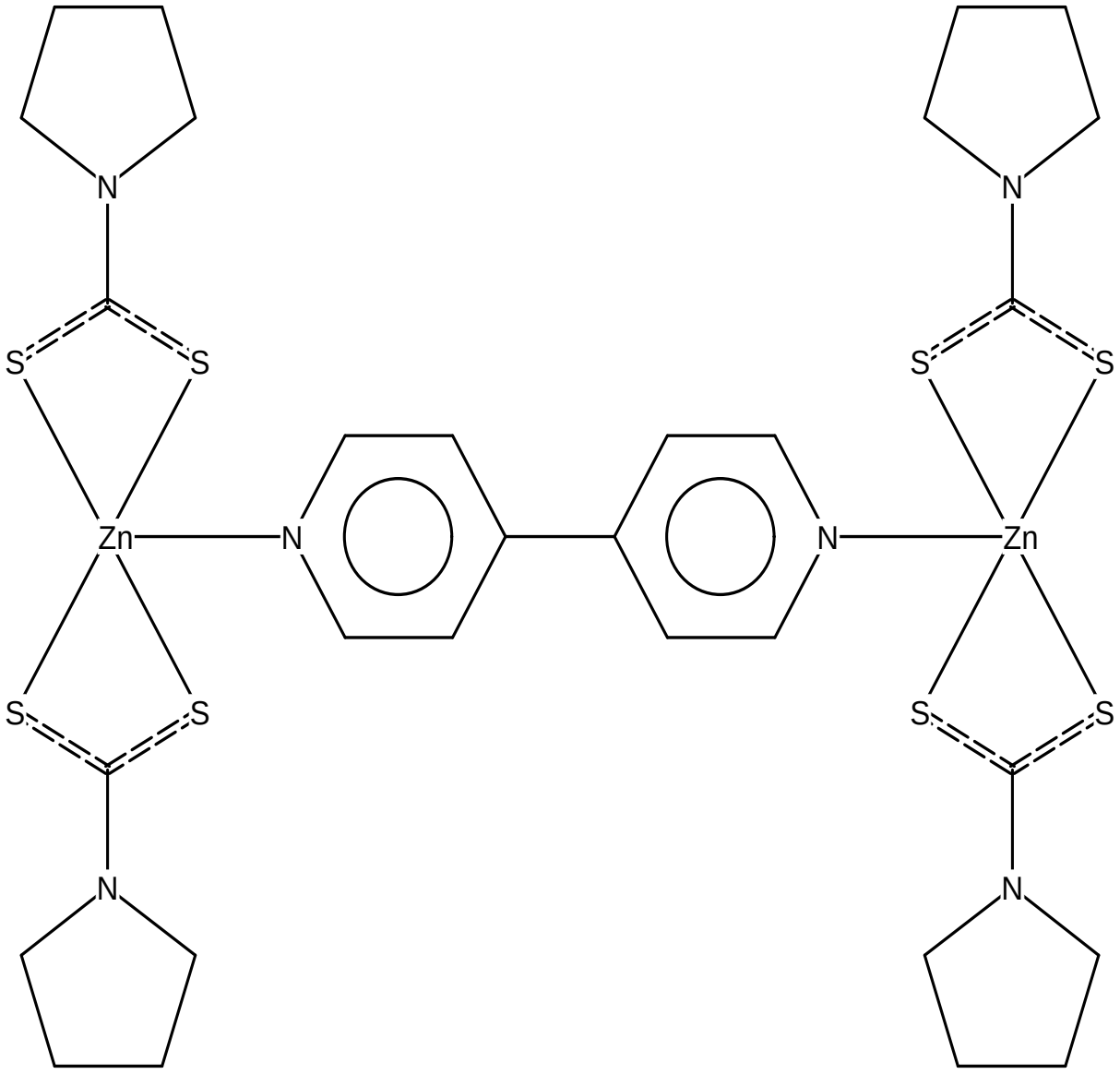
Reference: Xiao-Feng Chen, Shu-Hua Liu, Xu-Hui Zhu, J.J.Vittal, Goek-Kheng Tan, Xiao-Zeng You (2000)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**56,**42

Formula: $C_{30}\,H_{40}\,N_6\,S_8\,Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis(pyrrolidinedithiocarboxylato-S,S')-zinc(ii))

Space Group:	Fddd	***Cell:***	***a***	11.764(0)	***b***	19.997(0)	***c***	32.989(0)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.493



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 820

GUJBUJ

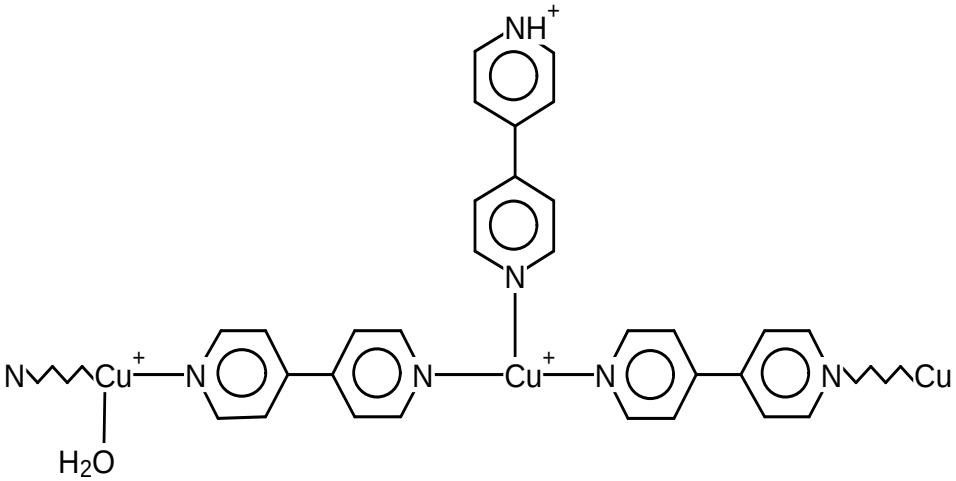
Reference: Hongxun Yang, Guoliang Li, Bo Xu, Tianfu Liu, Yafeng Li, Rong Cao, S.R.Batten (2009) *Inorg.Chem.Commun. ,***12,**605

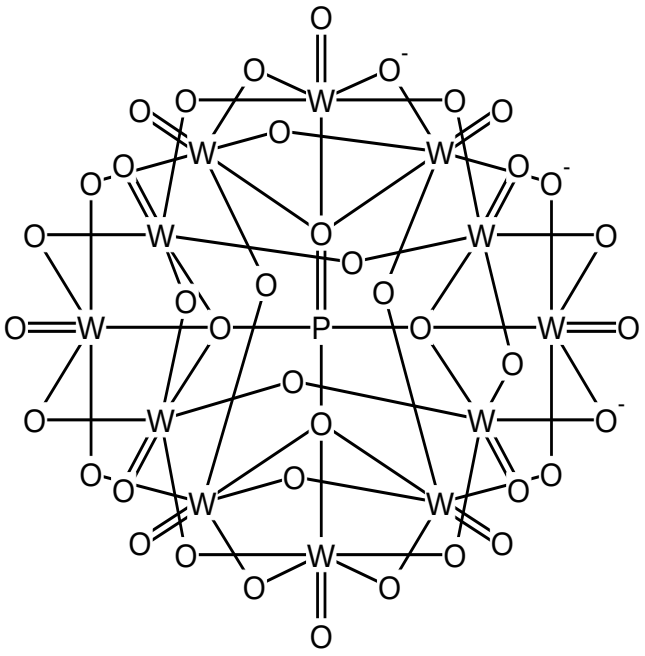
Formula: $(C_{30}\ H_{27}\ Cu_2\ N_6\ O_1\ ^{3+})n,n(O_{40}\ P_1\ W_{12}\ ^{3-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(4-(4-pyridyl)pyridinium-N,N')-aqua-di-copper(i) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten)

Space Group:	P21/c	***Cell:***	***a***	11.497(0)	***b*** 22.870(1)	***c***	11.422(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.24(0)	γ	90.00

R-Factor (%): 3.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.143





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 821

GUJDIZ

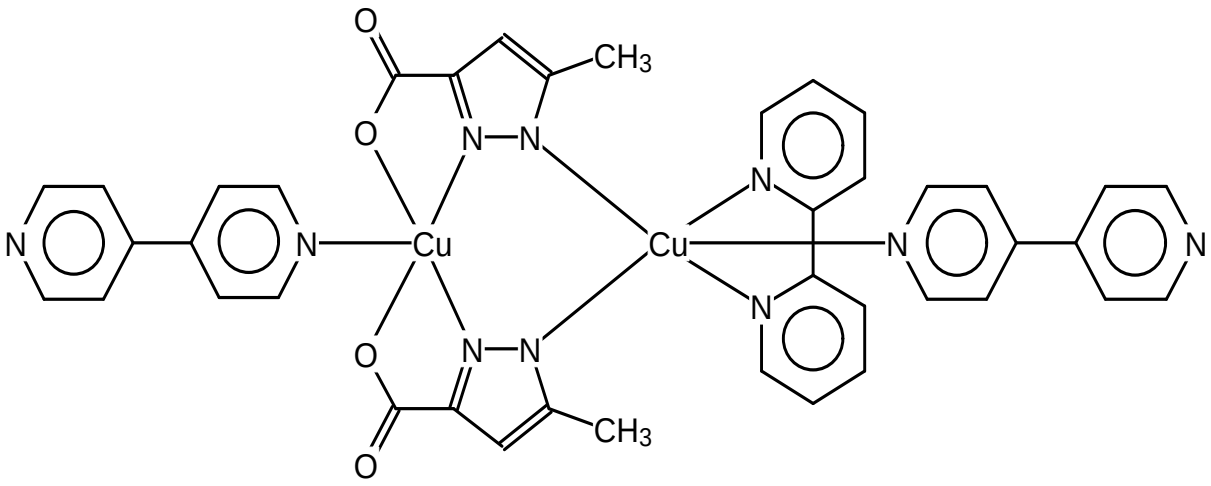
Reference: Feilong Hu, Xianhong Yin, Yan Mi, Jinlei Zhang, Yue Zhuang Xianzhen Dai (2009) *Inorg.Chem.Commun.* ,**12,**628

Formula: $C_{40}\ H_{32}\ Cu_2\ N_{10}\ O_4$,6($H_2\ O_1$)

Compound Name: bis(μ_2-5-Methylpyrazole-3-carboxylato-N,N',O)-(2,2'-bipyridine-N,N')-bis(4,4'-bipyridine-N)-di-copper(ii) hexahydrate

Space Group:	P21/n	***Cell:***	***a***	13.983(1)	***b*** 22.378(2)	***c***	14.789(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.15(0)	γ	90.00

R-Factor (%): 6.89 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.446



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 822

GUJHAU

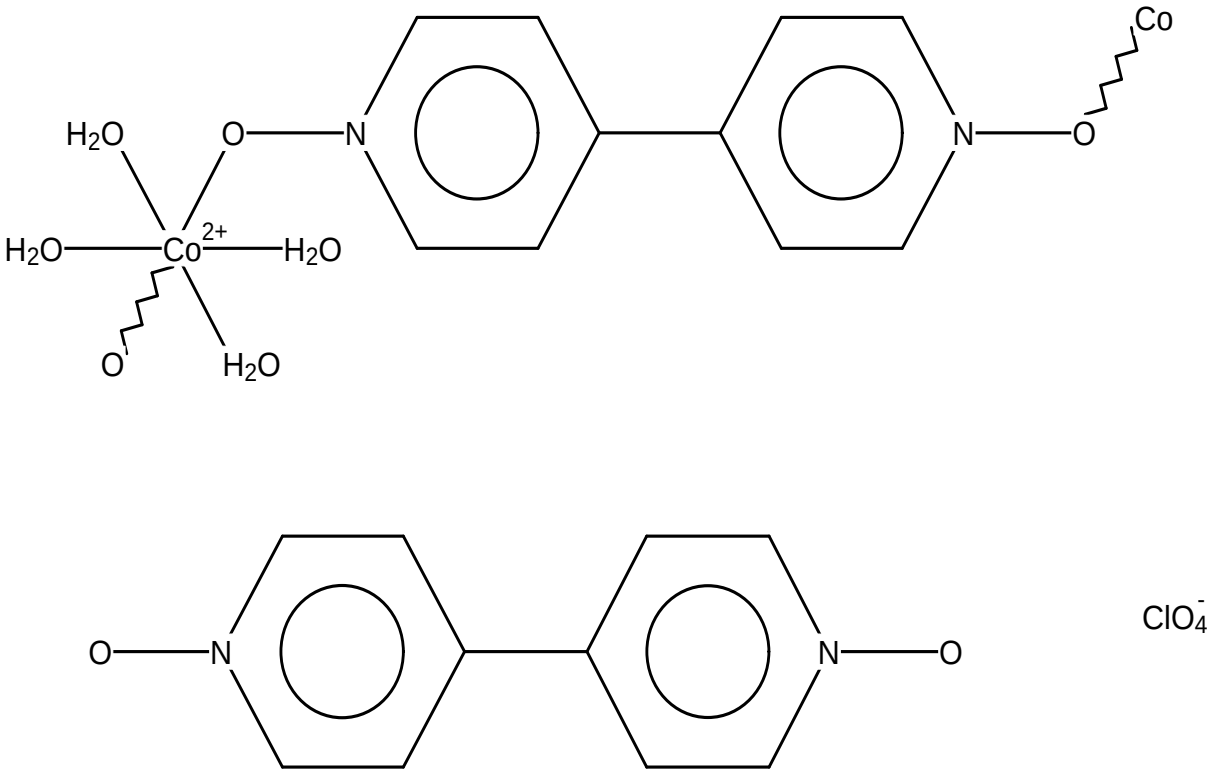
Reference: Bao-Qing Ma, Song Gao, Hao-Ling Sun, Guang-Xian Xu (2001) *J.Chem.Soc.,Dalton Trans.* ,130

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-tetra-aqua-cobalt diperchlorate 4,4'-bipyridine-N,N'-dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	5.521(0)	***b***	11.831(0)	***c*** 14.981(0)
Space Group No.:	2	***(Å,°)***	α	107.81(0)	β	96.00(0)	γ 100.59(0)

R-Factor (%): 4.55 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.646



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 823

GUJHEY

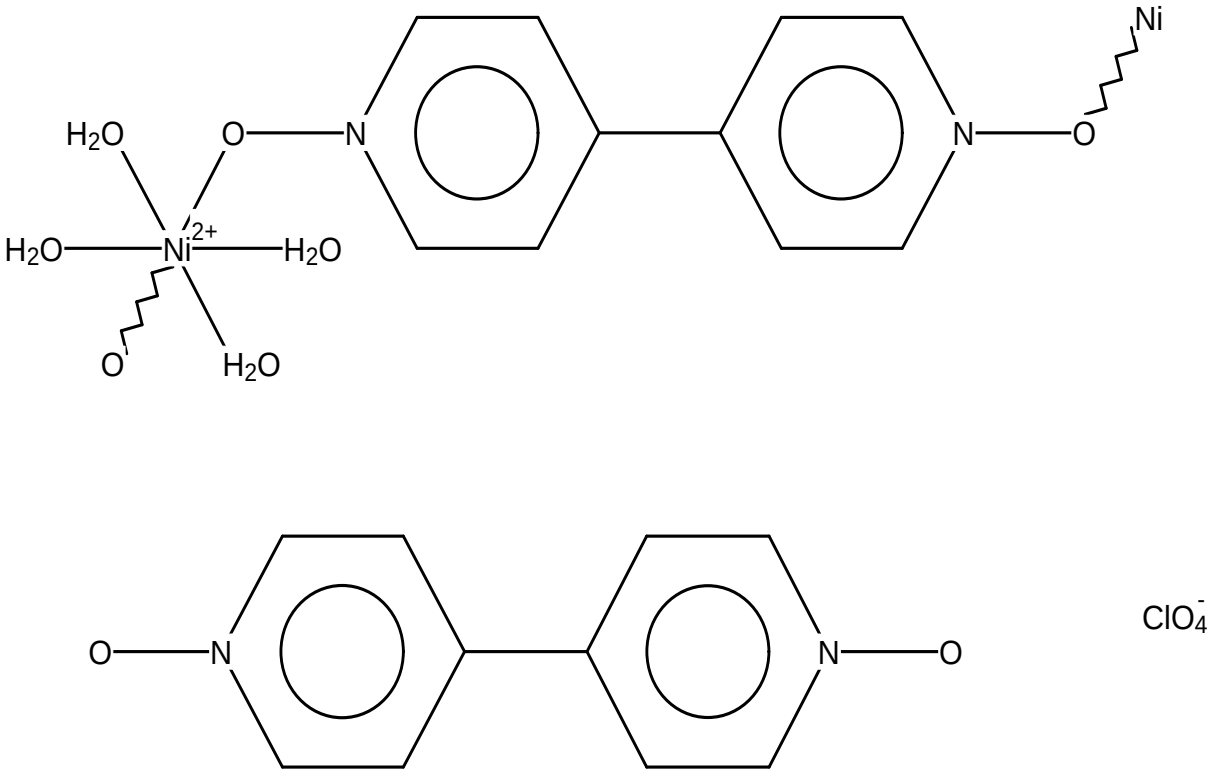
Reference: Bao-Qing Ma, Song Gao, Hao-Ling Sun, Guang-Xian Xu (2001) *J.Chem.Soc.,Dalton Trans.* ,130

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-tetra-aqua-nickel diperchlorate 4,4'-bipyridine-N,N'-dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	5.465(0)	***b***	11.817(0)	***c*** 15.089(0)
Space Group No.:	2	***(Å,°)***	α	108.76(0)	β	95.40(0)	γ 100.16(0)

R-Factor (%): 8.59 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.657



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 824

GUJHIC

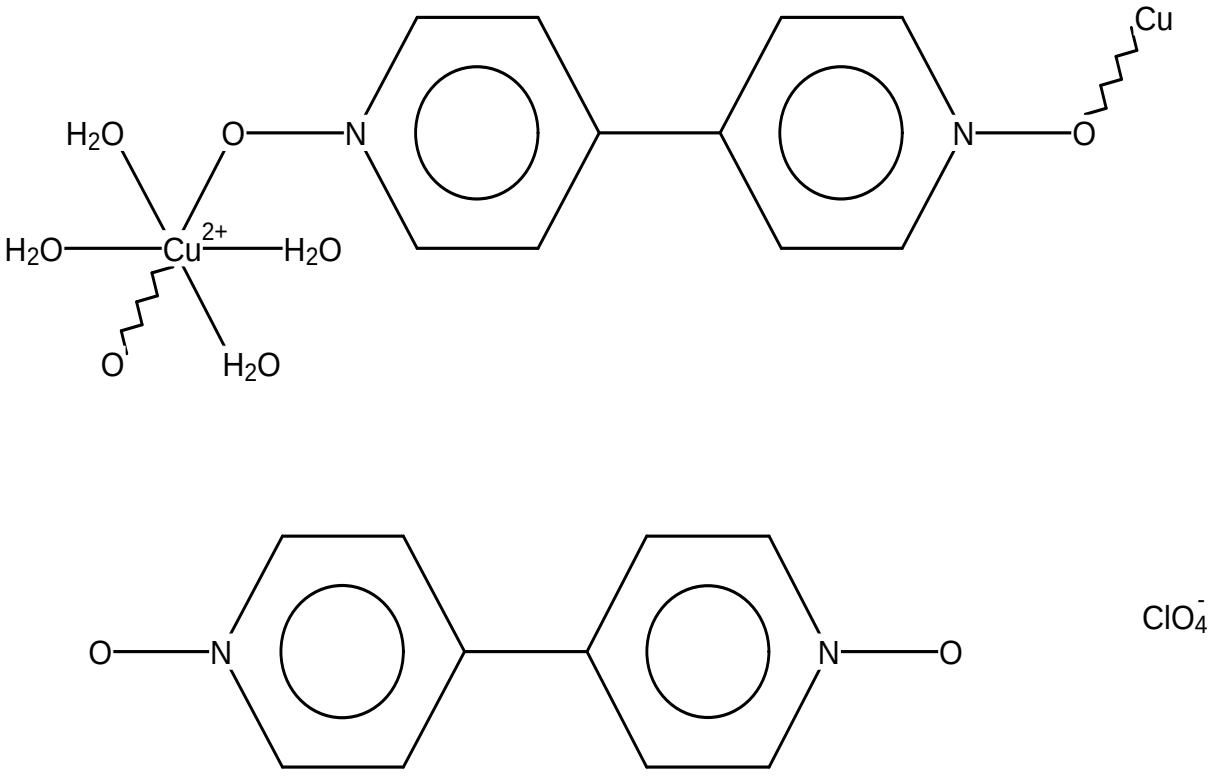
Reference: Bao-Qing Ma, Song Gao, Hao-Ling Sun, Guang-Xian Xu (2001) *J.Chem.Soc.,Dalton Trans.* ,130

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-tetra-aqua-copper diperchlorate 4,4'-bipyridine-N,N'-dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	5.354(0)	***b*** 11.892(0)	***c***	15.271(0)
Space Group No.:	2	***(Å,°)***	α	110.74(0)	β 94.04(0)	γ	99.23(0)

R-Factor (%): 4.21 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.680



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 825

GUJHIC01

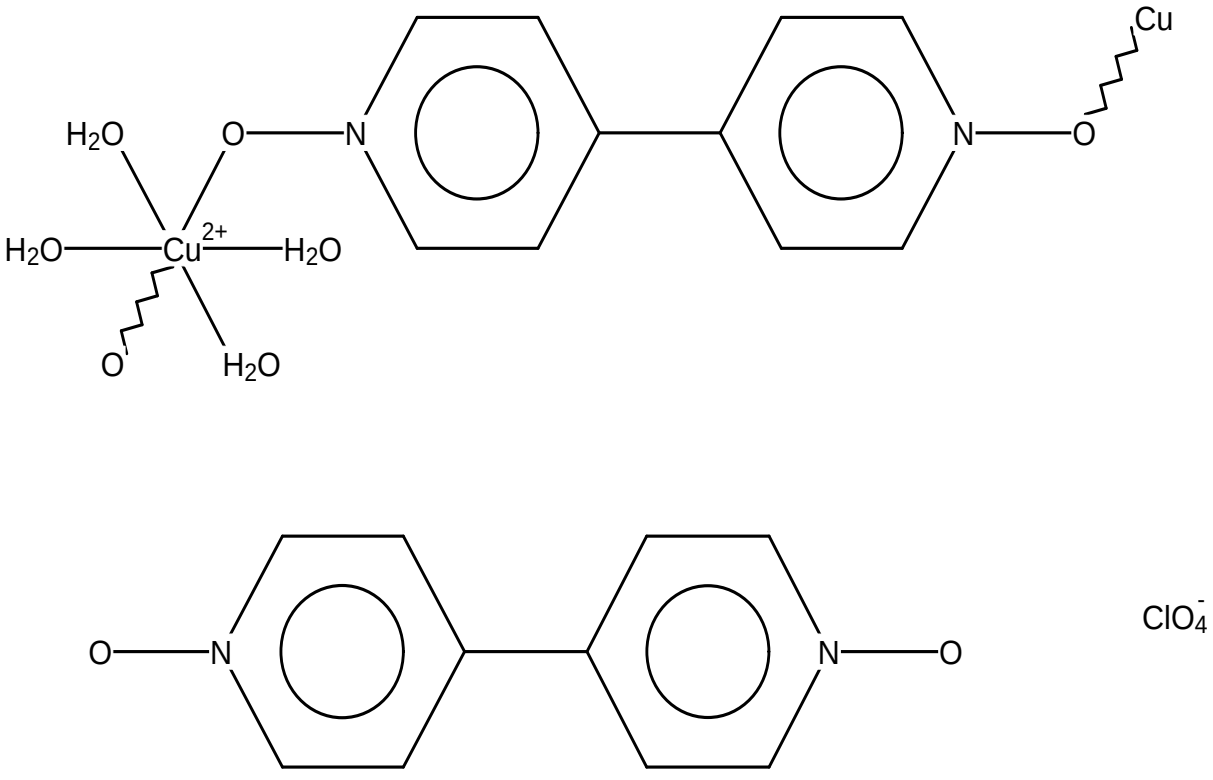
Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao, Guang-Xian Xu (2001) *Inorg.Chem.* ,**40,**6247

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-tetra-aqua-copper diperchlorate 4,4'-bipyridine-N,N'-dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	5.354(0)	***b*** 11.892(0)	***c***	15.271(0)
Space Group No.:	2	***(Å,°)***	α	110.74(0)	β 94.04(0)	γ	99.23(0)

R-Factor (%): 4.21 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.680



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 826

GUJHOI

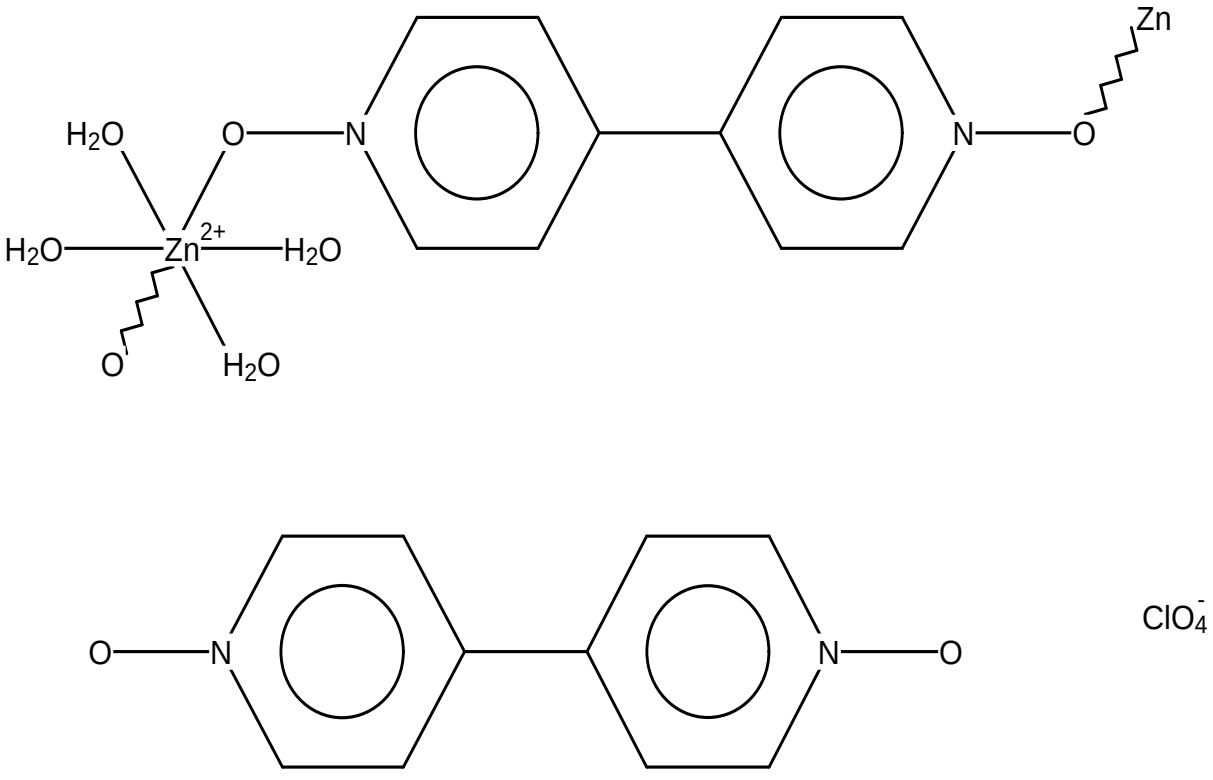
Reference: Bao-Qing Ma, Song Gao, Hao-Ling Sun, Guang-Xian Xu (2001) *J.Chem.Soc.,Dalton Trans.* ,130

Formula: $(C_{10}\ H_{16}\ N_2\ O_6\ Zn_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-tetra-aqua-zinc diperchlorate 4,4'-bipyridine-N,N'-dioxide solvate)

Space Group:	P-1	***Cell:***	***a***	5.489(0)	***b*** 11.862(0)	***c***	15.015(0)
Space Group No.:	2	***(Å,°)***	α	108.16(0)	β 95.60(0)	γ	100.33(0)

R-Factor (%): 5.02 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.660



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 827

GUJVUD

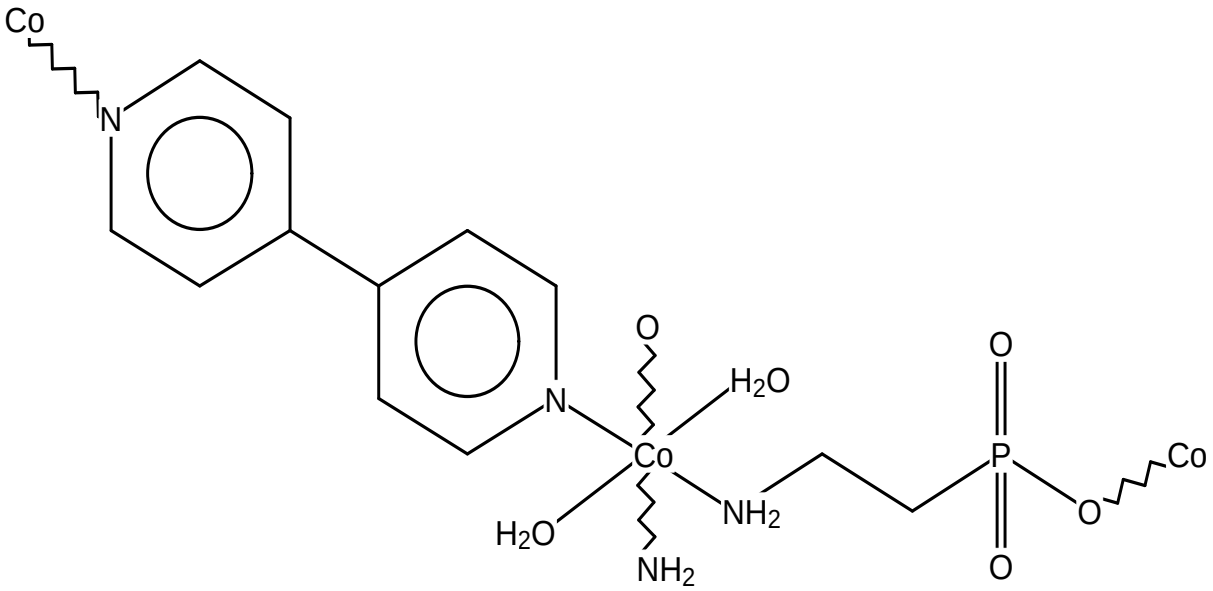
Reference: Li-Xia Xie, De-Gang Ding (2009) *Inorg.Chem.Commun.* , **12,**552

Formula: $(C_{12}\ H_{18}\ Co_1\ N_3\ O_5\ P_1)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-2-Aminoethylphosphonato)-(μ_2-4,4'-bipyridyl)-diaqua-cobalt(ii) dihydrate]

Space Group:	P61	***Cell:***	***a***	11.411(1)	***b***	11.411(1)	***c*** 20.810(4)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.742



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 828

GUKNUW

Reference: Yu Ma, Ai-Ling Cheng, Wei-Wei Sun, Jiang-Yong Zhang, En-Qing Gao (2009) *Inorg.Chem.Commun.* ,**12,**412

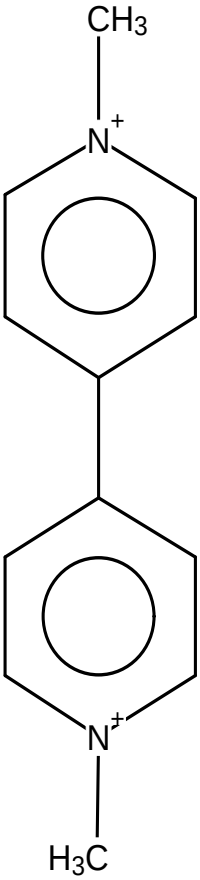
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Mn_1\ N_{12}\ ^{2-})$

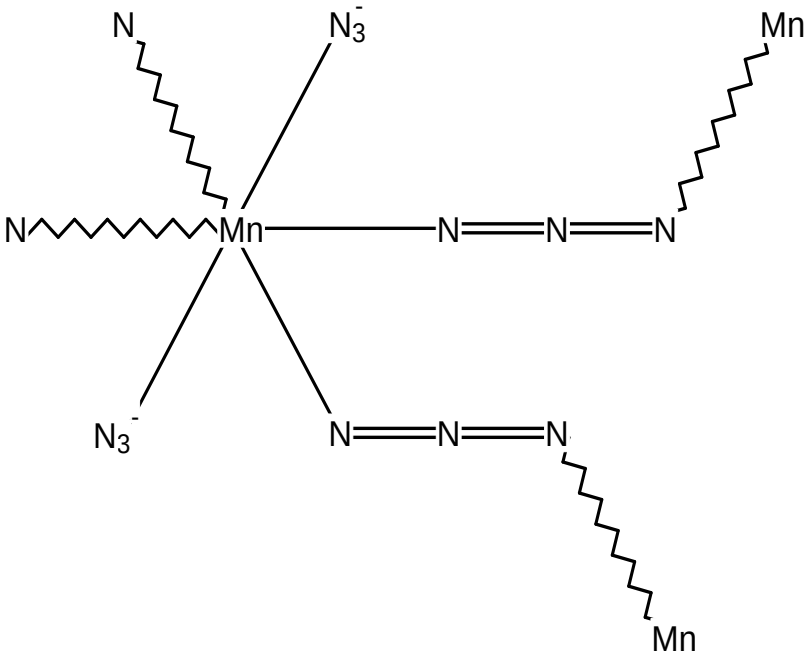
Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium bis(μ_2-azido-N,N'')-bis(azido-N)-manganese(ii))

Synonym: catena-(Methylviologen dication bis(μ_2-azido-N,N'')-bis(azido-N)-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	6.124(0)	***b***	6.315(0)	***c*** 11.074(0)
Space Group No.:	2	***(Å,°)***	α	94.13(0)	β	94.38(0)	γ 99.24(0)

R-Factor (%): 2.82 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.618





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 829

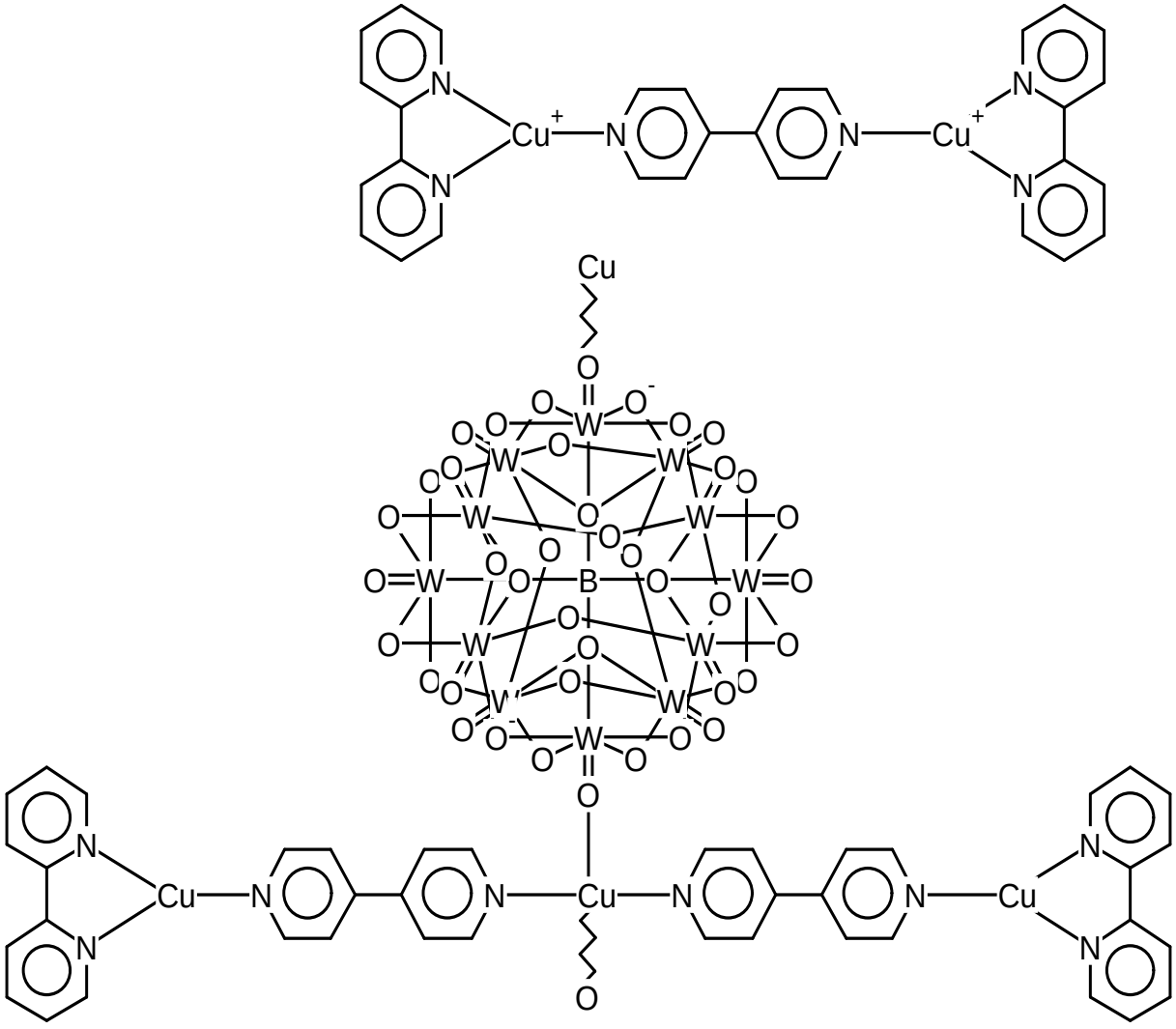
GUKYAN

Reference: Junwei Zhao, Yiping Song, Pengtao Ma, Jingping Wang, Jingyang Niu (2009) *J.Solid State Chem.* ,**182,**1798

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,n(C_{40}\ H_{32}\ B_1\ Cu_3\ N_8\ O_{40}\ W_{12}\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(2,2'-bipyridine)-di-copper(i) (μ_{12}-borato) -hexacosakis(μ_2-oxo)-bis(μ_2-4,4'-bipyridine)-bis(2,2'-bipyridine)-decaoxo-tri-copper(i)-dodeca-tungsten(vi))

Space Group:	P-1	***Cell:***	***a***	13.779(3)	***b***	14.154(3)	***c***	14.472(3)
Space Group No.:	2	***(Å,°)***	α	63.84(0)	β	86.87(0)	γ	65.20(0)
R-Factor (%):	5.94	***Temperature(K):***	296	***Density(g/cm^3):***	3.122			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 830

GUKZOC

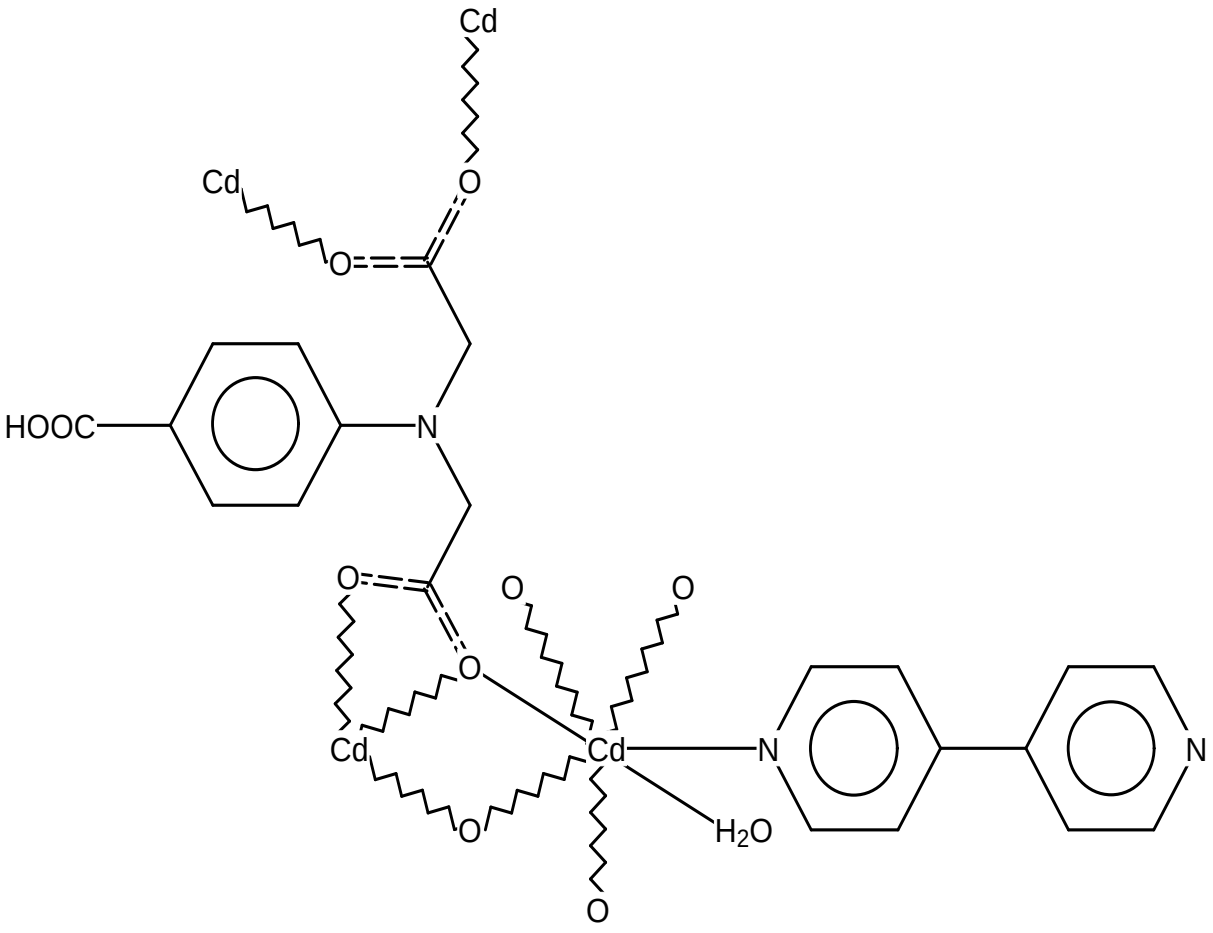
Reference: Xiaochuan Chai, Hanhui Zhang, Shuai Zhang, Yanning Cao, Yiping Chen (2009) *J.Solid State Chem.* ,**182,**1889

Formula: $(C_{21}\ H_{19}\ Cd_1\ N_3\ O_7)n$

Compound Name: catena-((μ_4-N-(4-Carboxyphenyl)iminodiacetato)-aqua-(4,4'-bipyridine)-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a***	21.460(4)	***b***	10.300(2)	***c*** 9.263(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.50(3)	γ 90.00

R-Factor (%): 3.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.745



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 831

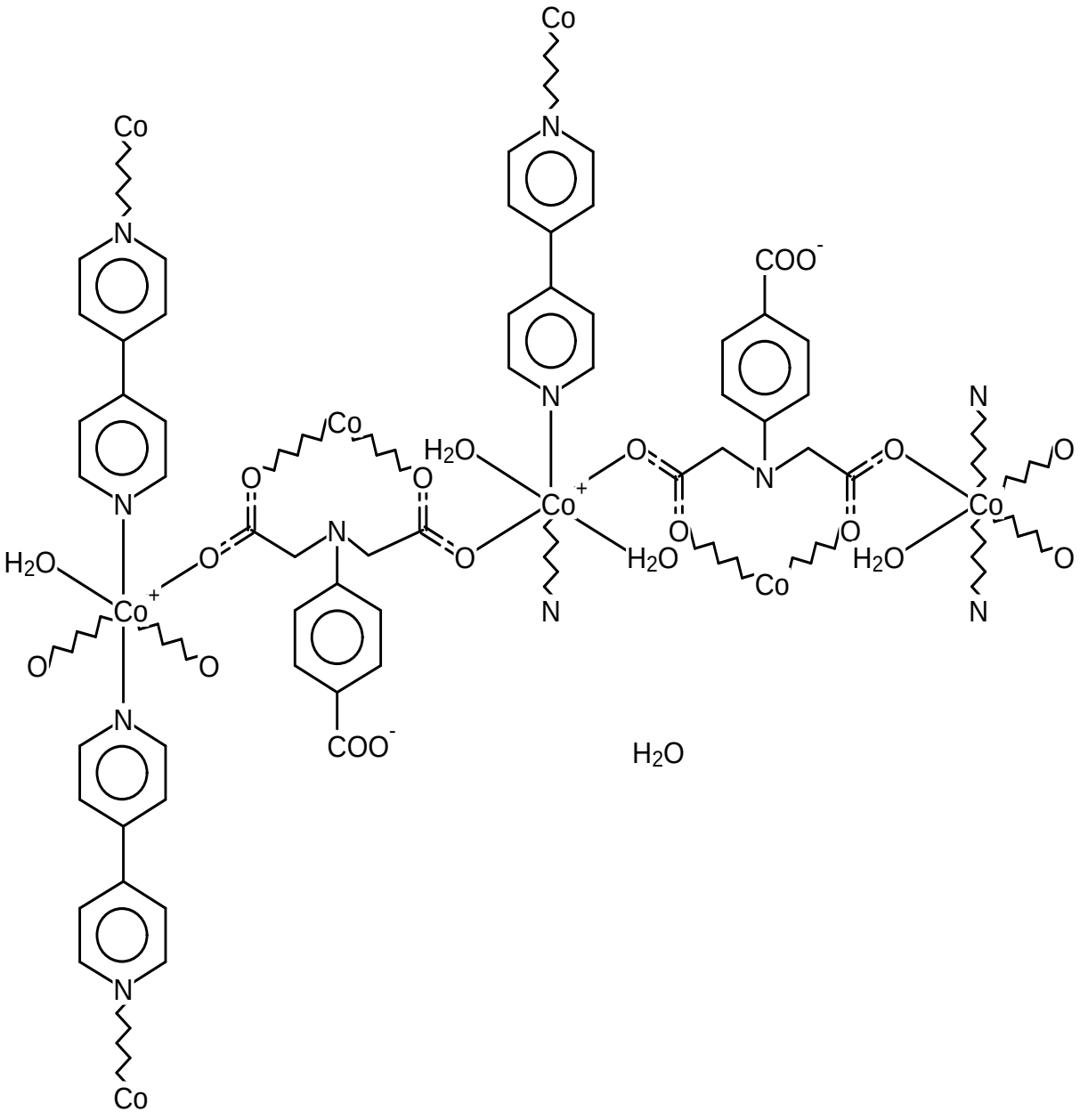
GUKZUI

Reference: Xiaochuan Chai, Hanhui Zhang, Shuai Zhang, Yanning Cao, Yiping Chen (2009) *J.Solid State Chem.* ,**182,**1889

Formula: $(C_{52}\ H_{48}\ Co_3\ N_8\ O_{16})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-N-(4-Carboxylatophenyl)iminodiacetato)-tris(μ_2-4,4'-bipyridine)-tetraaqua-tri-cobalt(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.338(2)	***b*** 27.049(5)	***c***	8.737(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.26(3)	γ	90.00
R-Factor (%):	8.12	***Temperature(K):***	293		***Density(g/cm^3):***		1.646



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 832

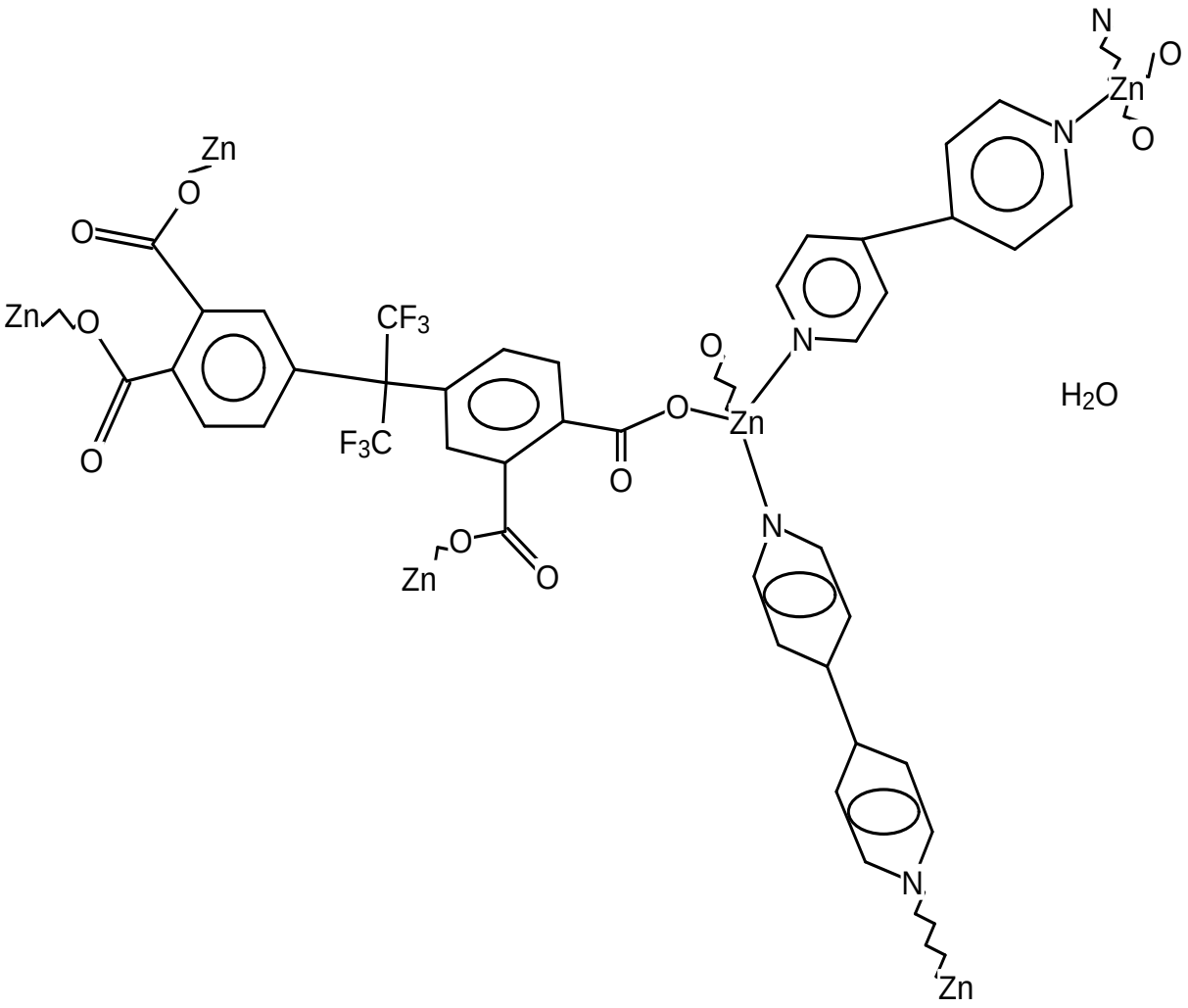
GULPIN

Reference: Guang-Xiang Liu, Heng Xu, Xiao-Ming Ren, S.Nishihara, Yan Wang (2009) *Inorg.Chem.Commun.* ,**12,**498

Formula: $(C_{39}\ H_{22}\ F_6\ N_4\ O_8\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_4-4,4'-(hexafluoroisopropylidene)diphthalato-O,O')-bis(μ_2-4,4'-bipyridine-N,N')-di-zinc dihydrate)

Space Group:	C2/c	***Cell:***	***a***	19.520(6)	***b***	17.985(6)	***c***	12.605(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.03(0)	γ	90.00
R-Factor (%):	5.87	***Temperature(K):***	296		***Density(g/cm^3):***		1.452	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 833

GURMAH

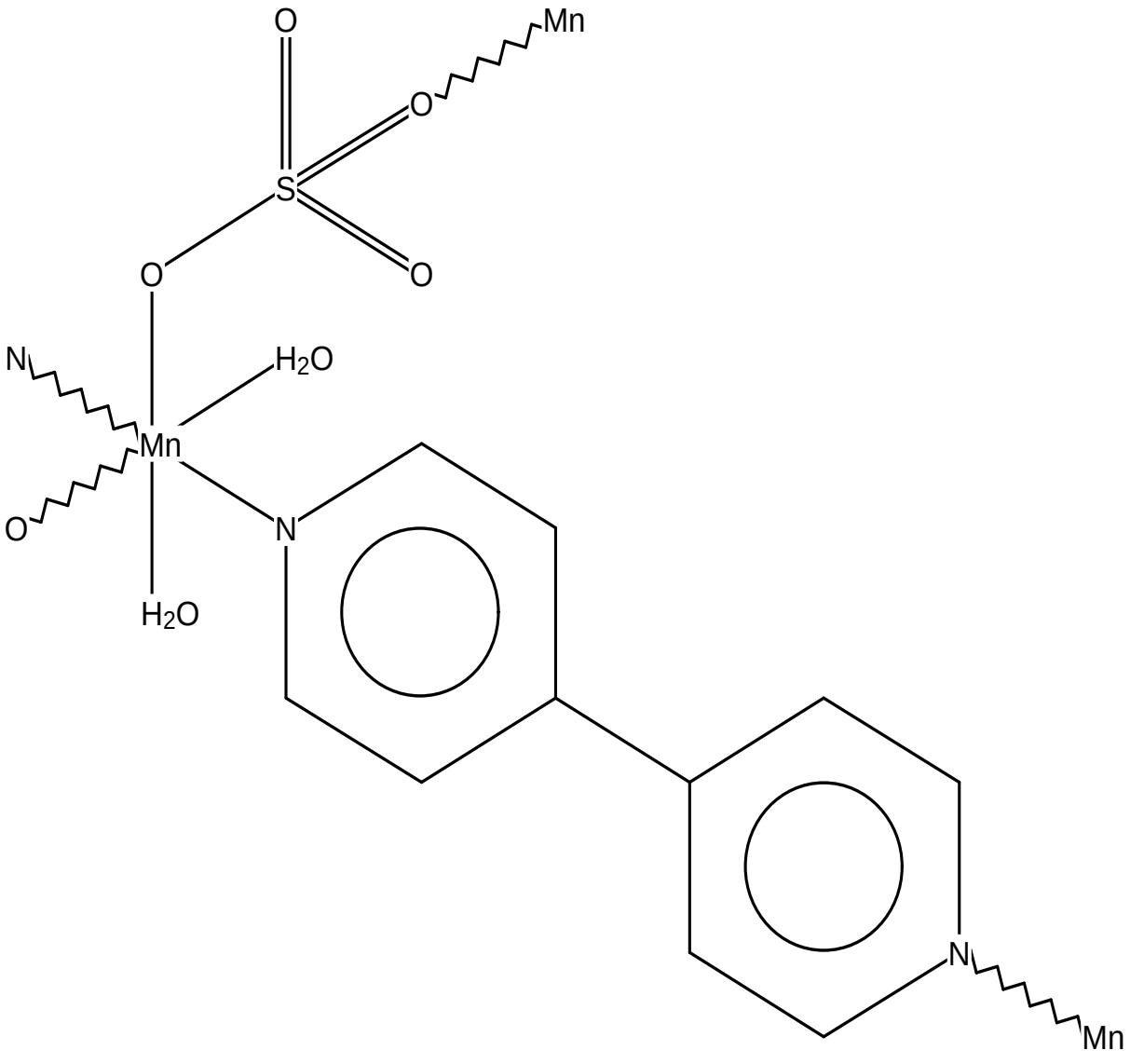
Reference: Hongwei Hou, Yongli Wei, Yaoting Fan, Chenxia Du, Yu Zhu, Yinglin Song, Yunyin Niu, Xinquan Xin (2001) *Inorg.Chim.Acta ,***319,**212

Formula: $(C_{10}\ H_{12}\ Mn_1\ N_2\ O_6\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-sulfato)-diaqua-manganese(ii))

Space Group:	Pna21	***Cell:***	***a***	7.784(1)	***b***	21.313(4)	***c*** 9.625(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.73 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.428



Search: search1 (Thu May 26 10:05:42 2011): Hit 834

GURWEV

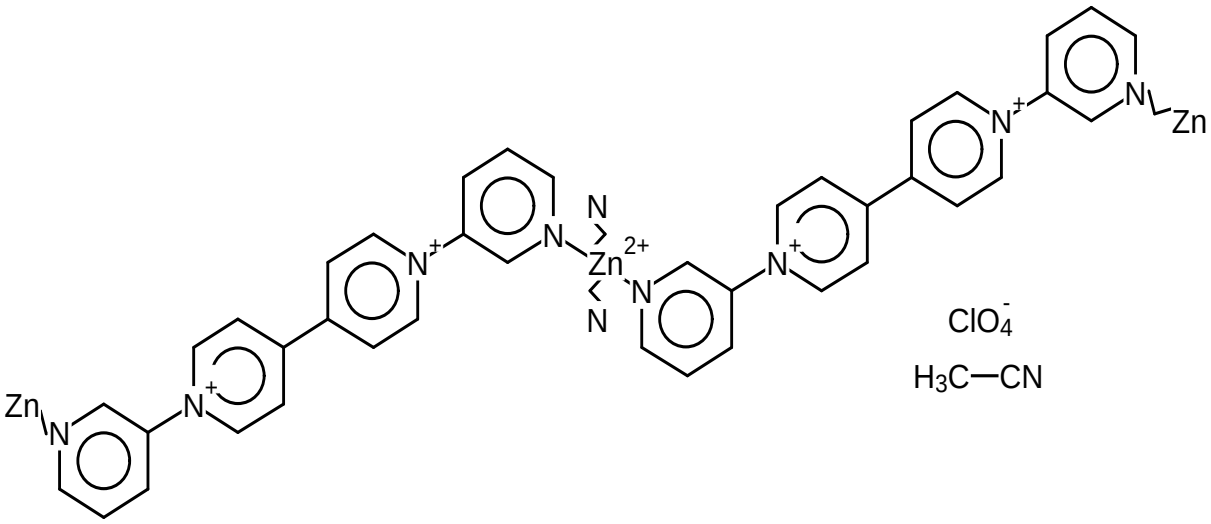
Reference: M.M.Matsushita, M.Morikawa, T.Kawai, T.Iyoda (2000) *Mol.Cryst.Liq.Cryst.Sci.Technol.,Sect.A* ,**343,**87

Formula: $(C_{40}\ H_{32}\ N_8\ Zn_1\ ^{6+})n,6n(Cl_1\ O_4\ ^{1-}),2n(C_2\ H_3\ N_1)$

Compound Name: catena-(bis(μ_2-3-Pyridylviologen)-zinc hexaperchlorate acetonitrile solvate)

Space Group:	C2/c	***Cell:***	***a***	15.465(6)	***b*** 29.225(9)	***c***	19.171(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.40(2)	γ	90.00

R-Factor (%): 23.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.212



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 835

GURWIZ

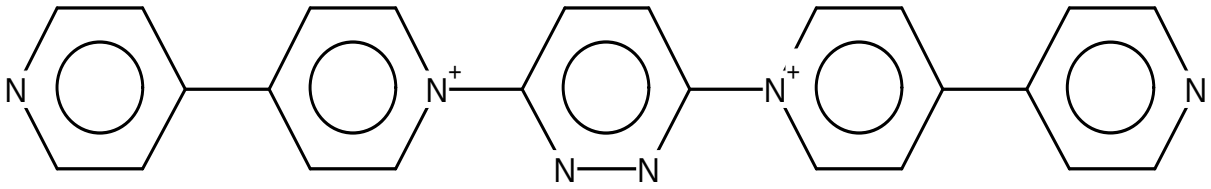
Reference: M.M.Matsushita, M.Morikawa, T.Kawai, T.Iyoda (2000) *Mol.Cryst.Liq.Cryst.Sci.Technol.,Sect.A* ,**343,**87

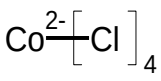
Formula: $C_{24}\ H_{18}\ N_6\ ^{2+},Cl_4\ Co_1\ ^{2-},C_2\ H_3\ N_1$

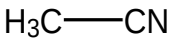
Compound Name: 3,6-bis(4,4'-bipyridin-1-yl)pyridazine tetrachloro-cobalt acetonitrile solvate

Space Group:	P21/a	***Cell:***	***a***	17.245(4)	***b***	21.250(4)	***c*** 7.442(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.31(2)	γ 90.00

R-Factor (%): 4.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.547







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 836

GURWOF

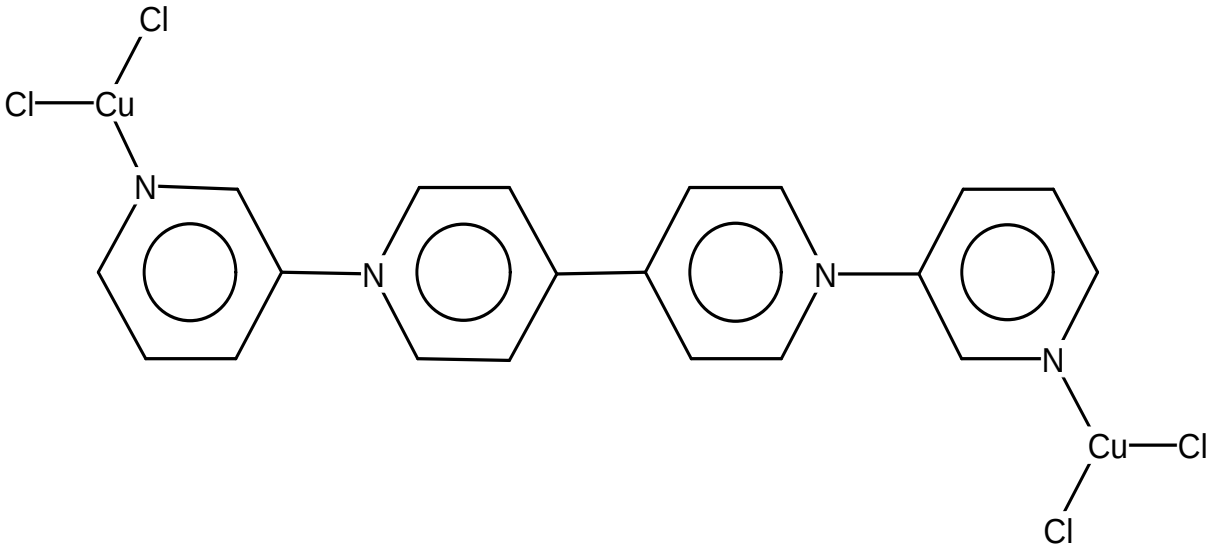
Reference: M.M.Matsushita, M.Morikawa, T.Kawai, T.Iyoda (2000)
Mol.Cryst.Liq.Cryst.Sci.Technol.,Sect.A ,**343,**87

Formula: $C_{20}\ H_{16}\ Cl_4\ Cu_2\ N_4$

Compound Name: (μ_2-3-Pyridylviologen)-tetrachloro-di-copper

Space Group:	C2/c	***Cell:***	***a***	22.509(3)	***b***	6.556(0)	***c***	14.319(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.34(0)	γ	90.00

R-Factor (%): 3.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.852



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 837

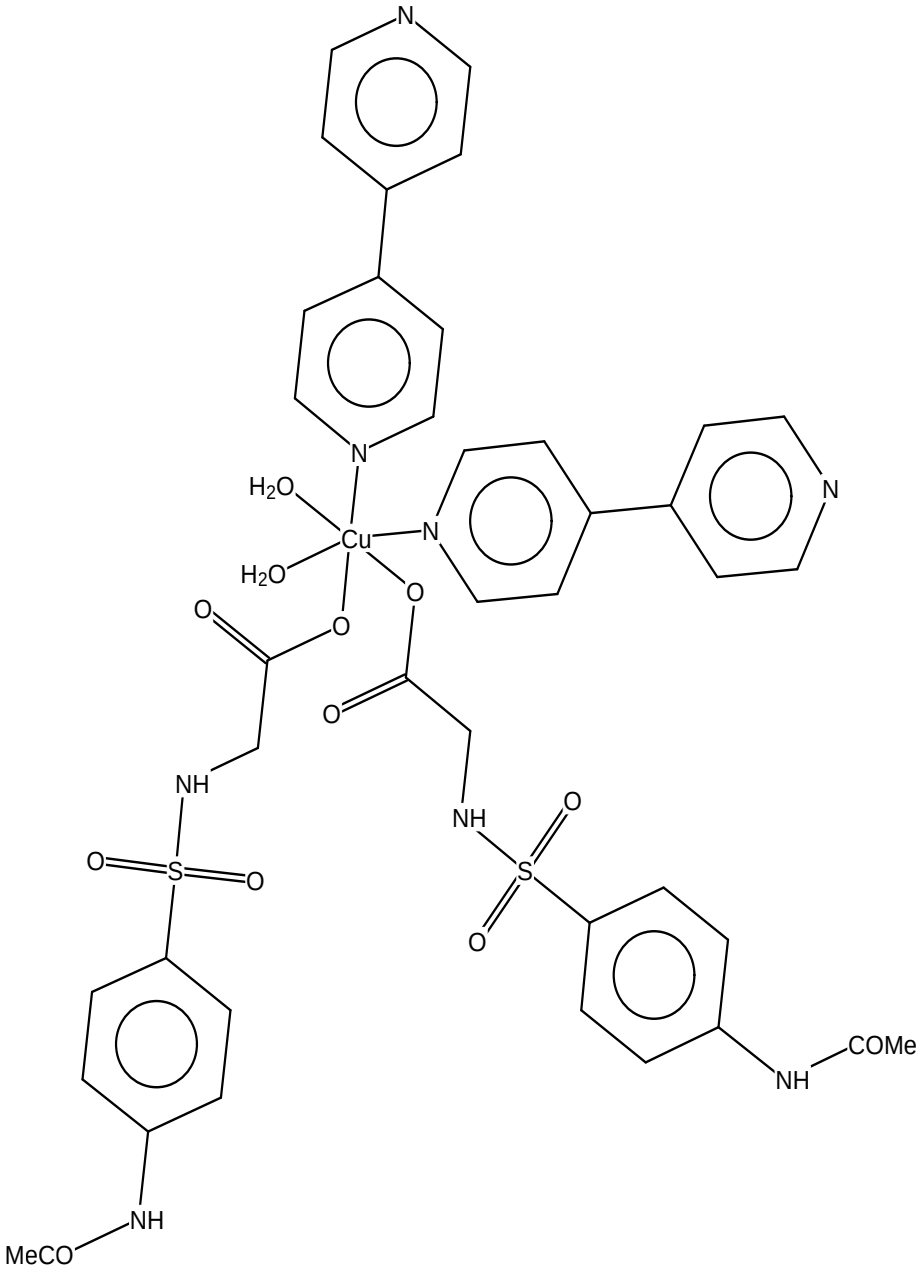
GUWKEP

Reference: Yong-Wei Wang (2010) *Z.Kristallogr.-New Cryst.Struct.* , **225,**93

Formula: $C_{40}\ H_{42}\ Cu_1\ N_8\ O_{12}\ S_2$

Compound Name: bis(N-((4-acetamidophenyl)sulfonyl)glycinato)-diaqua-bis(4,4'-bipyridine)-copper(ii)

Space Group:	P21/n	***Cell:***	***a***	9.937(2)	***b***	10.537(2)	***c***	20.494(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.12(0)	γ	90.00
R-Factor (%):	6.79	***Temperature(K):***	293		***Density(g/cm^3):***	1.492		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 838

GUWXAY

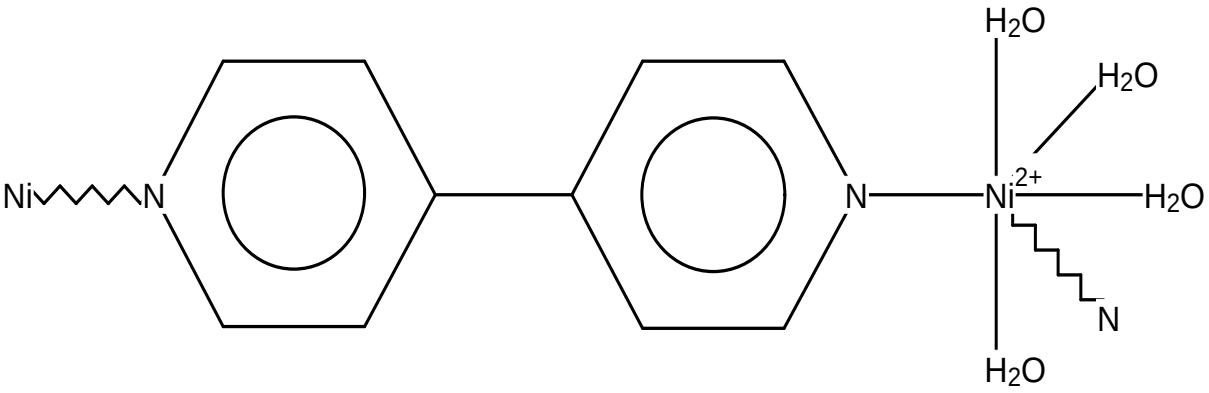
Reference: Min Hu, Qiang Zhang (2010)
*Z.Kristallogr.-New Cryst.Struct. ,***225,**155

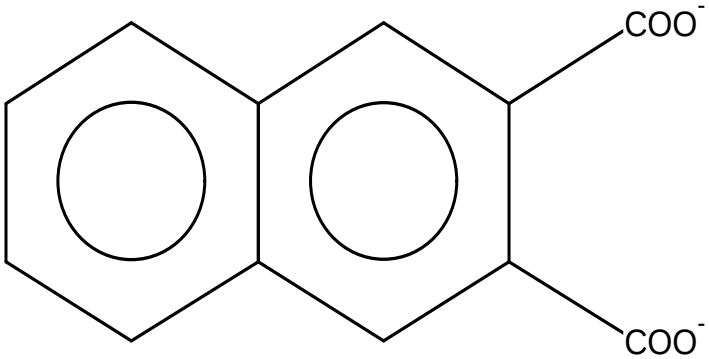
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_{12}\ H_6\ O_4\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetra-aqua-nickel(ii) 2,3-naphthalenedicarboxylate)

Space Group:	Pccn	***Cell:***	***a***	9.915(0)	***b***	10.008(0)	***c*** 22.546(2)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.49 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.488





Search: search1 (Thu May 26 10:05:42 2011): Hit 839

GUXTOJ

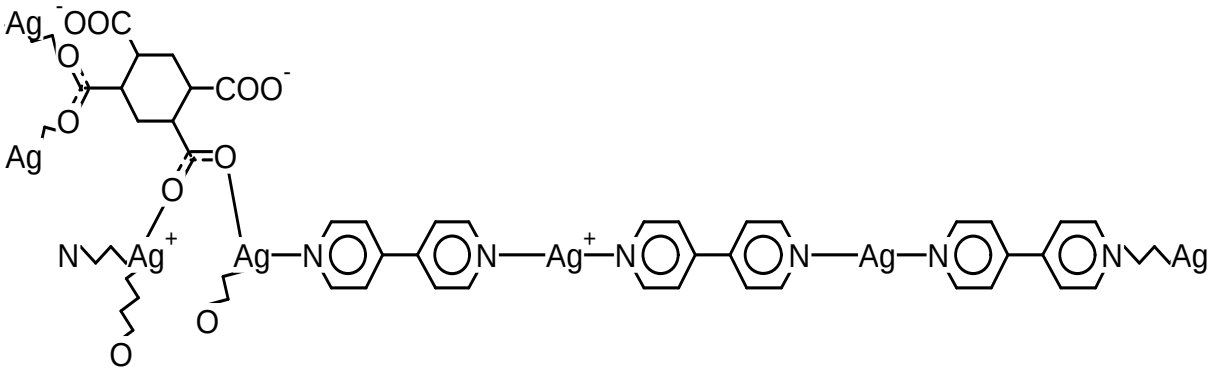
Reference: Jing Wang, Yong-Cong Ou, Yong Shen, Lei Yun, Ji-Dong Leng, Zhuojia Lin, Ming-Liang Tong (2009) *Cryst.Growth Des. ,* **9,**2442

Formula: $(C_{40}\ H_{32}\ Ag_4\ N_6\ O_8)n,10n(H_2\ O_1)$

Compound Name: catena-(μ_4-e,a,a,e-Cyclohexane-1,2,4,5-tetracarboxylato-O,O',O'',O''')-tris(μ_2-4,4'-bipyridine-N,N')-tetra-silver(i) decahydrate)

Space Group:	P-1	***Cell:***	***a***	12.348(7)	***b*** 13.308(8)	***c***	15.115(7)
Space Group No.:	2	***(Å,°)***	α	70.90(5)	β 87.04(4)	γ	78.51(5)

R-Factor (%): 4.65 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.930



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 840

GUZNUK

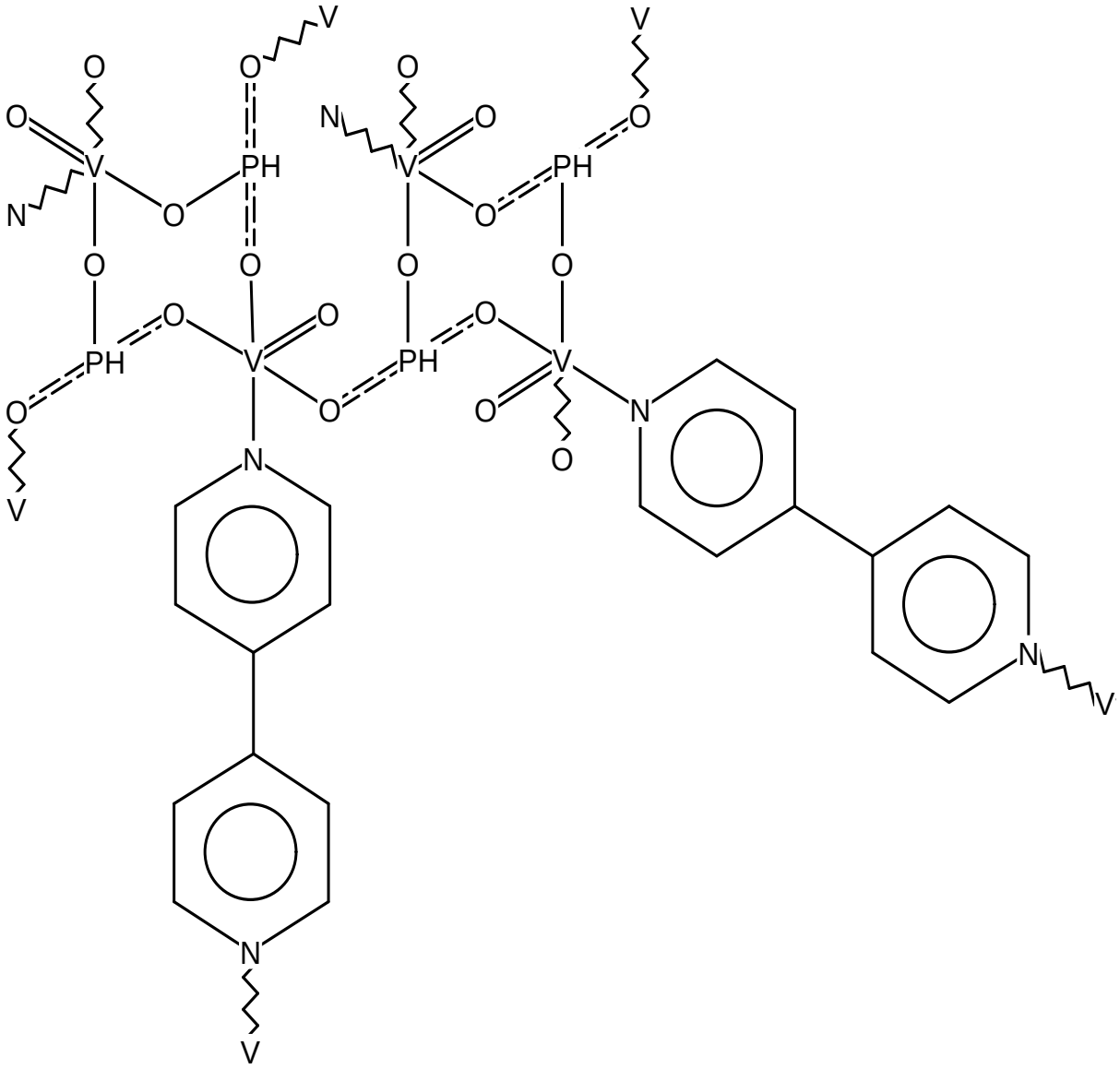
Reference: Zhan Shi, Guanghua Li, Dong Zhang, Jia Hua, Shouhua Feng (2003) *Inorg.Chem. ,***42,**2357

Formula: $(C_{20}\ H_{20}\ N_4\ O_{16}\ P_4\ V_4)n$

Compound Name: catena-(tetrakis(μ_3-Hydrogen phosphito)-bis(μ_2-4,4'-bipyridine-N,N')-tetraoxo-tetra-vanadium(iv))

Space Group:	C2/c	***Cell:***	***a***	35.970(3)	***b*** 15.940(1)	***c***	10.768(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.07(0)	γ	90.00

R-Factor (%): 4.82 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.973



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 841

HACBUJ

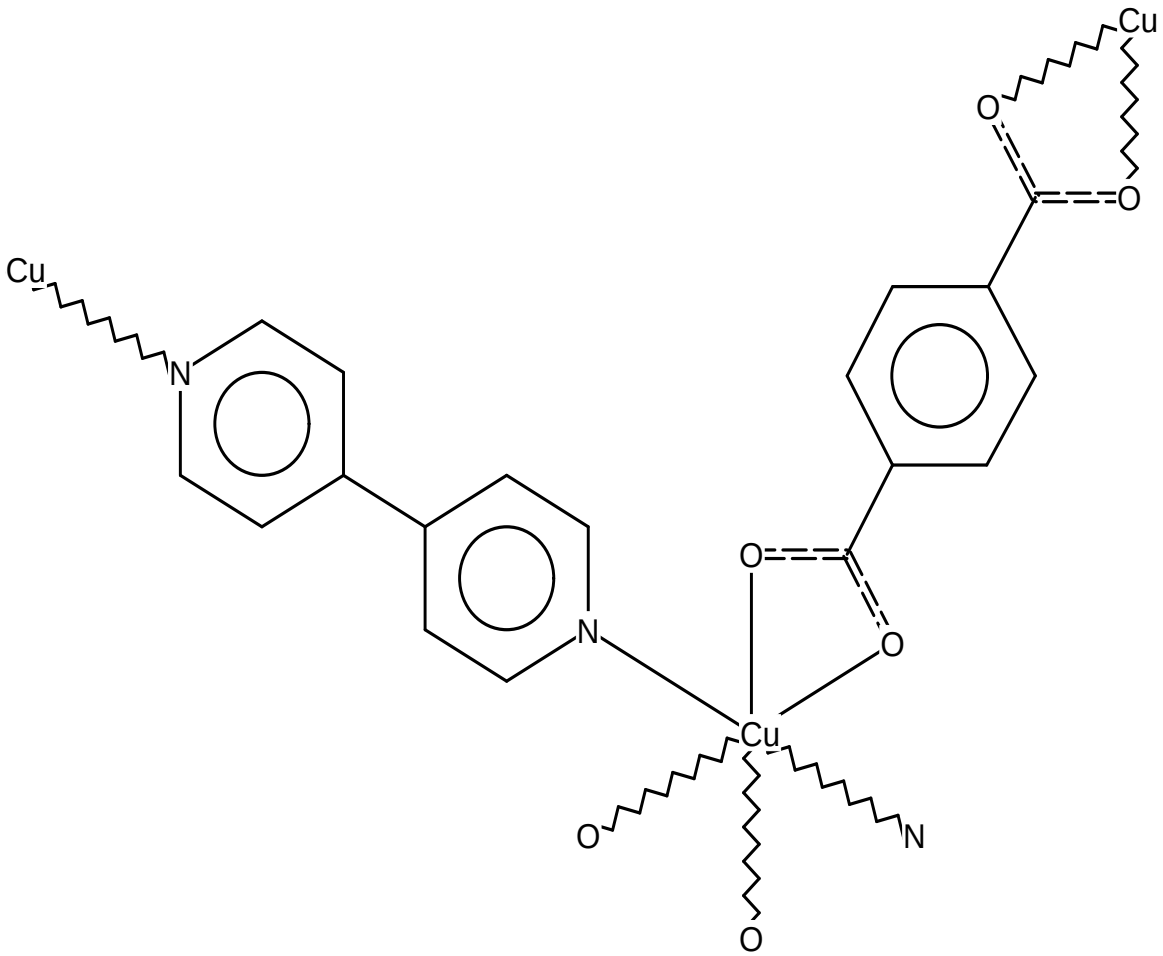
Reference: Ji Young Baeg, Soon W.Lee (2003)
Inorg.Chem.Commun. ,**6,**313

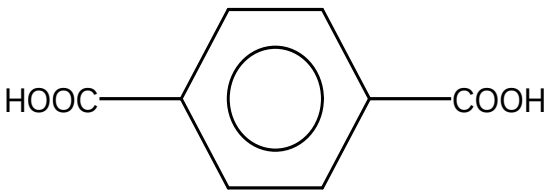
Formula: $(C_{18}\ H_{12}\ Cu_1\ N_2\ O_4)n,n(C_8\ H_6\ O_4)$

Compound Name: catena-((μ_2-1,4-Benzenedicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-copper(ii) 1,4-benzenedicarboxylic acid)

Space Group:	C2/c	***Cell:***	***a***	10.604(1)	***b***	11.125(2)	***c***	19.675(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.91(1)	γ	90.00

R-Factor (%): 2.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.589





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 842

HACQOS

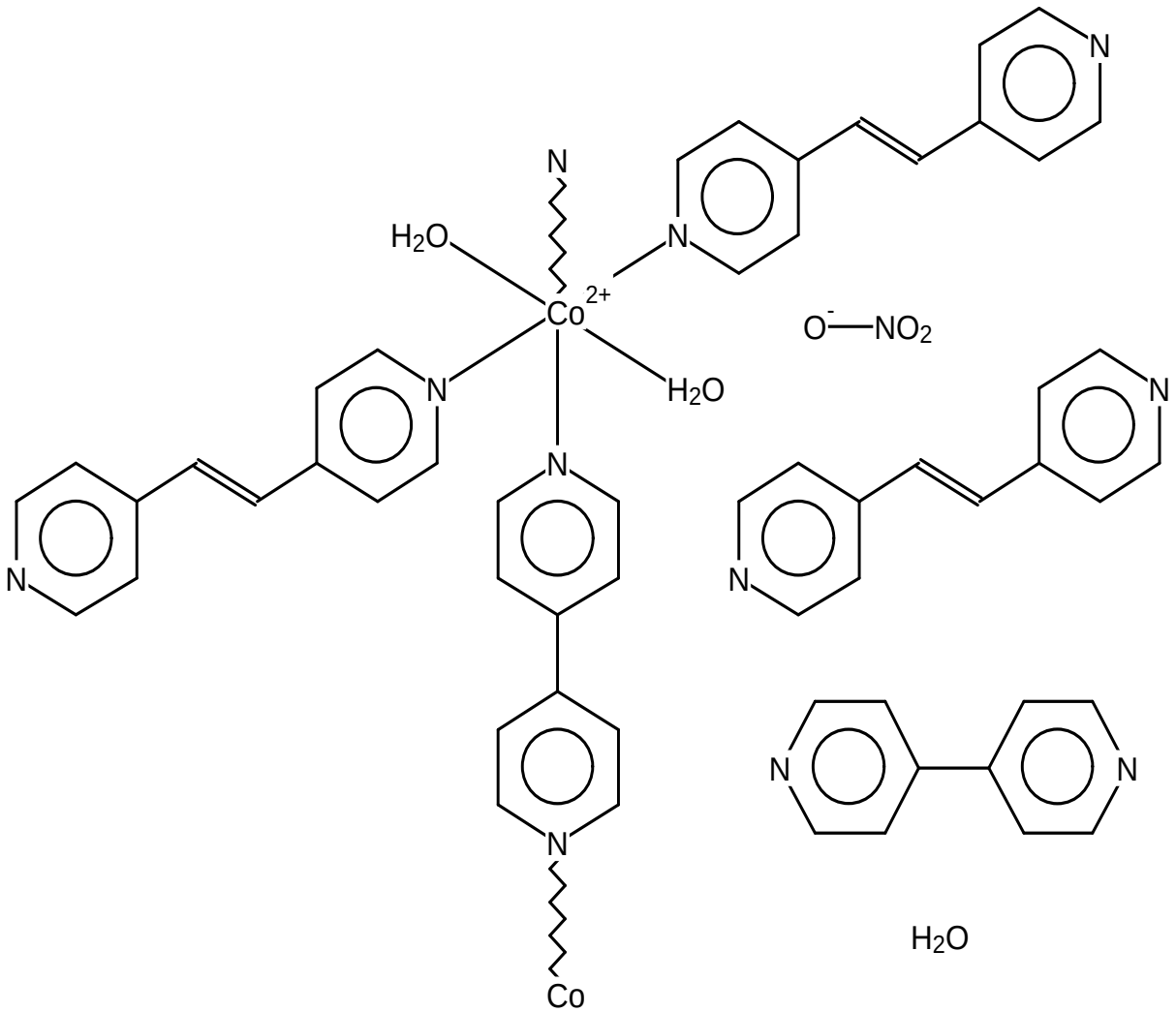
Reference: J.Y.Lu, C.Norman (2003) *Polyhedron* ,**22,**235

Formula: $(C_{34}\ H_{32}\ Co_1\ N_6\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),1.6n(C_{12}\ H_{10}\ N_2),0.4n(C_{10}\ H_8\ N_2),4.65n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(1,2-bis(pyrid-4-yl)ethene)-cobalt dinitrate 4,4'-bipyridyl 1,2-bis(pyrid-4-yl)ethene hydrate clathrate)

Space Group:	Cc	***Cell:***	***a***	17.961(1)	***b***	11.451(1)	***c*** 28.537(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	98.40(0)	γ 90.00

R-Factor (%): 3.72 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.347



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 843

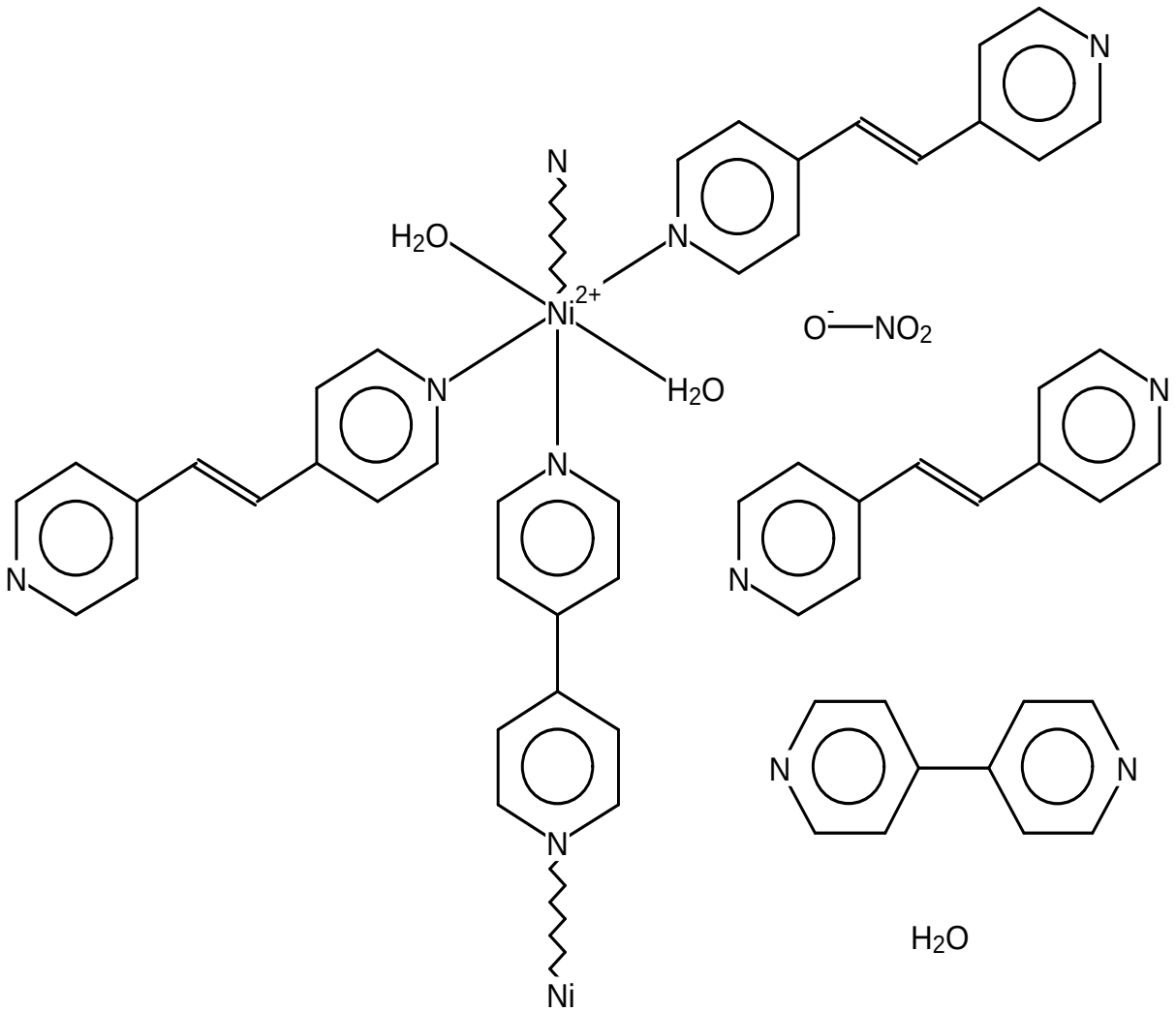
HACQUY

Reference: J.Y.Lu, C.Norman (2003) *Polyhedron* ,**22,**235

Formula: $(C_{34}\ H_{32}\ N_6\ Ni_1\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),1.6n(C_{12}\ H_{10}\ N_2),0.4n(C_{10}\ H_8\ N_2),4.65n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(1,2-bis(pyrid-4-yl)ethene)-nickel dinitrate 4,4'-bipyridyl 1,2-bis(pyrid-4-yl)ethene hydrate clathrate)

Space Group:	Cc	***Cell:***	***a***	18.019(1)	***b***	11.357(1)	***c*** 28.461(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	98.18(0)	γ 90.00
R-Factor (%):	3.34	***Temperature(K):***	223		***Density(g/cm^3):***		1.356



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 844

HADLAA

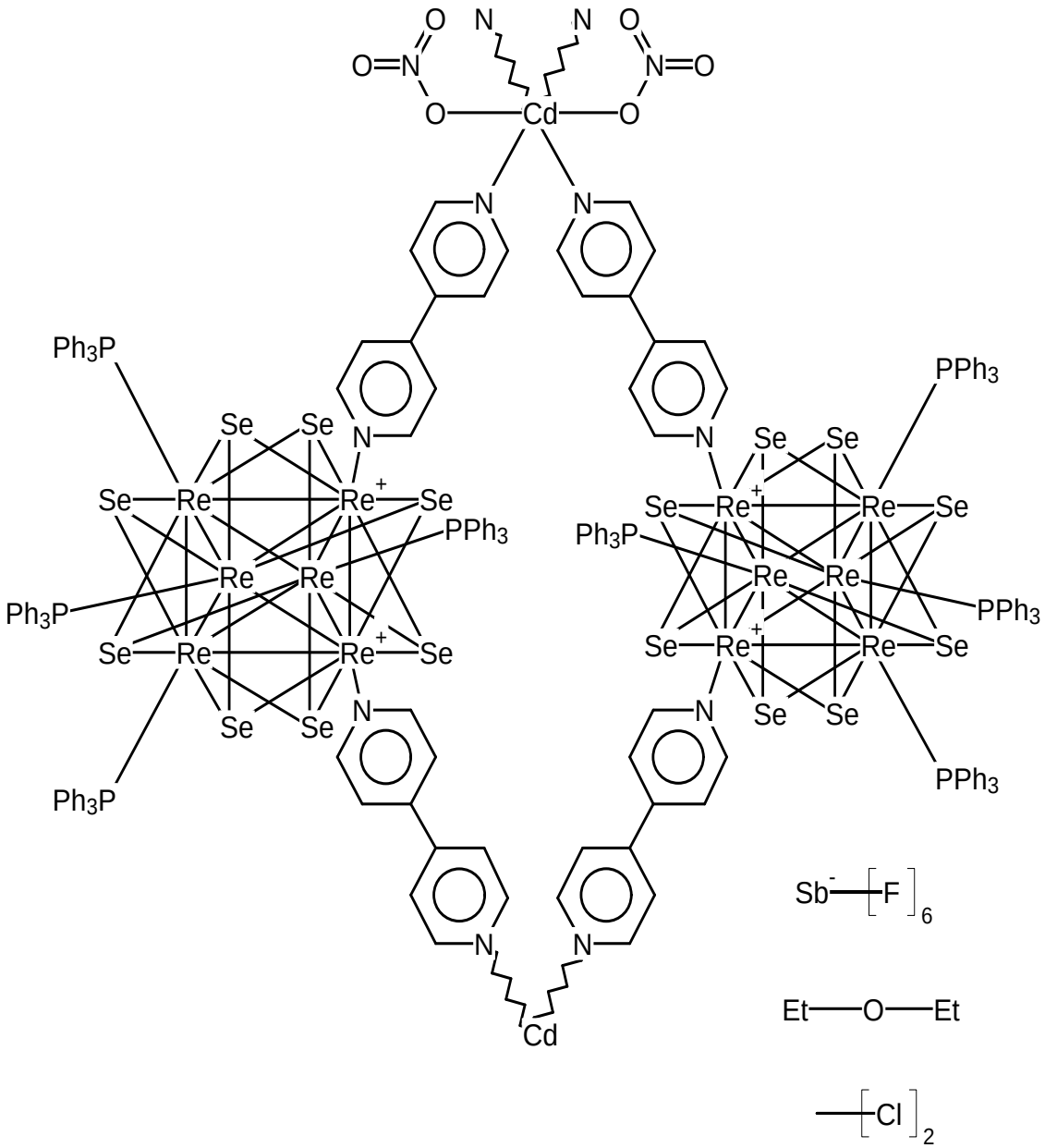
Reference: H.D.Selby, P.Orto, M.D.Carducci, Zhiping Zheng (2002)
*Inorg.Chem. ,***41,**6175

Formula: $(C_{184}\ H_{152}\ Cd_1\ N_{10}\ O_6\ P_8\ Re_{12}\ Se_{16}\ ^{4+})n,4n(F_6\ Sb_1\ ^{1-}),21n(C_4\ H_{10}\ O_1),19n(C_1\ H_2\ Cl$

Compound Name: catena-(hexadecakis(μ_3-Selenido)-tetrakis(μ_2-4,4'-bipyridyl)-bis(nitrato-O)-octakis(triphenylphosphine)-dodeca-rhenium-cadmium(ii) tetrakis(hexafluoro-antimony) dichloromethane diethyl ether solvate)

Space Group:	I2/a	***Cell:***	***a***	36.949(2)	***b*** 19.442(1)	***c***	42.134(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.62(0)	γ	90.00

R-Factor (%): 4.43 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 2.377



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 845

HADLEE

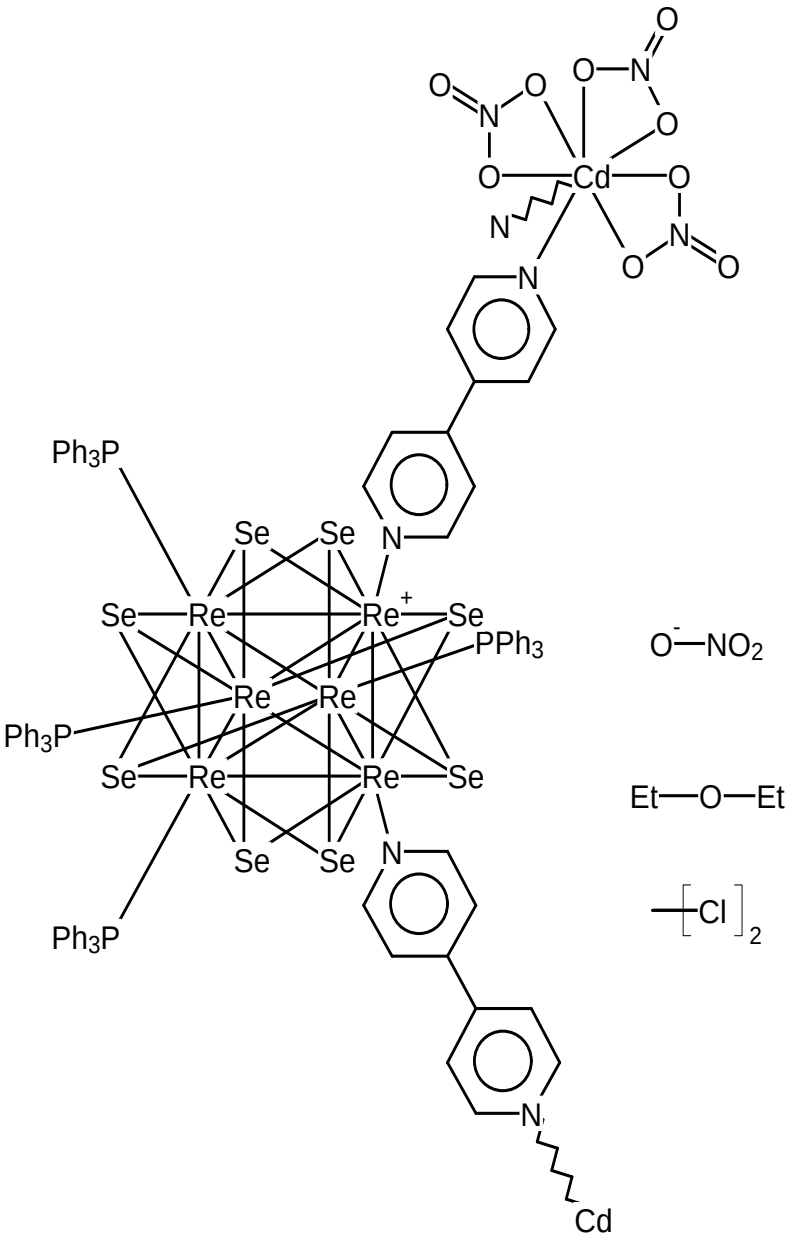
Reference: H.D.Selby, P.Orto, M.D.Carducci, Zhiping Zheng (2002)
*Inorg.Chem. ,***41,**6175

Formula: $(C_{92}\ H_{76}\ Cd_1\ N_7\ O_9\ P_4\ Re_6\ Se_8\ ^{1+})n,n(N_1\ O_3\ ^{1-}),2n(C_4\ H_{10}\ O_1),n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(octakis(μ_3-Selenido)-bis(μ_2-4,4'-bipyridyl)-tris(nitrato-O,O')-tetrakis(triphenylphosphine)-hexa-rhenium-cadmium(ii) nitrate dichloromethane diethyl ether solvate)

Space Group:	P-1	***Cell:***	***a***	18.403(1)	***b*** 18.531(0)	***c***	19.191(1)
Space Group No.:	2	***(Å,°)***	α	99.17(0)	β 118.00(0)	γ	91.07(0)

R-Factor (%): 3.95 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 2.169



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 846

HADMIJ

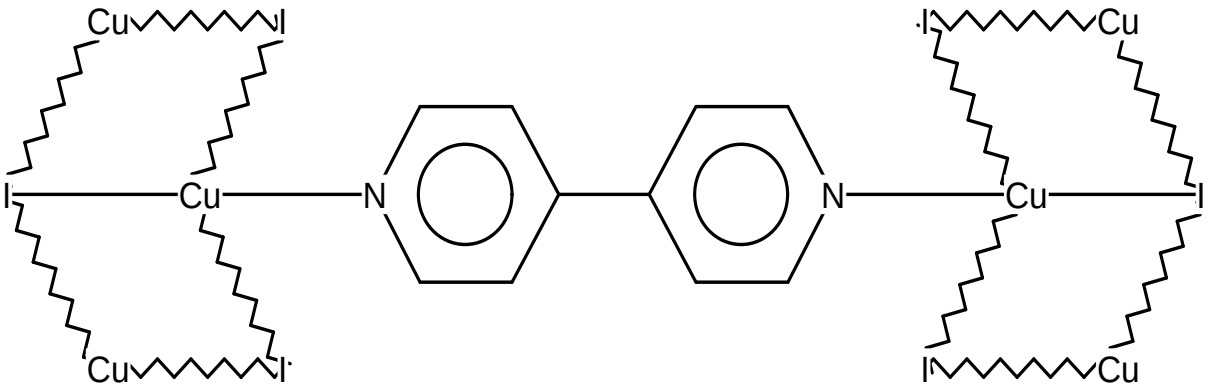
Reference: C.Naether, I.Jess (2001) *Monatsh.Chem.* ,**132,**897

Formula: $(C_{10}\ H_8\ Cu_2\ I_2\ N_2)n$

Compound Name: catena-(bis(μ_3-Iodo)-(μ_2-4,4'-bipyridyl)-di-copper(i))

Space Group:	P-1	***Cell:***	***a***	4.157(0)	***b***	8.474(0)	***c***	9.637(1)
Space Group No.:	2	***(Å,°)***	α	89.49(1)	β	78.36(1)	γ	81.06(1)

R-Factor (%): 4.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.716



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 847

HADPAE

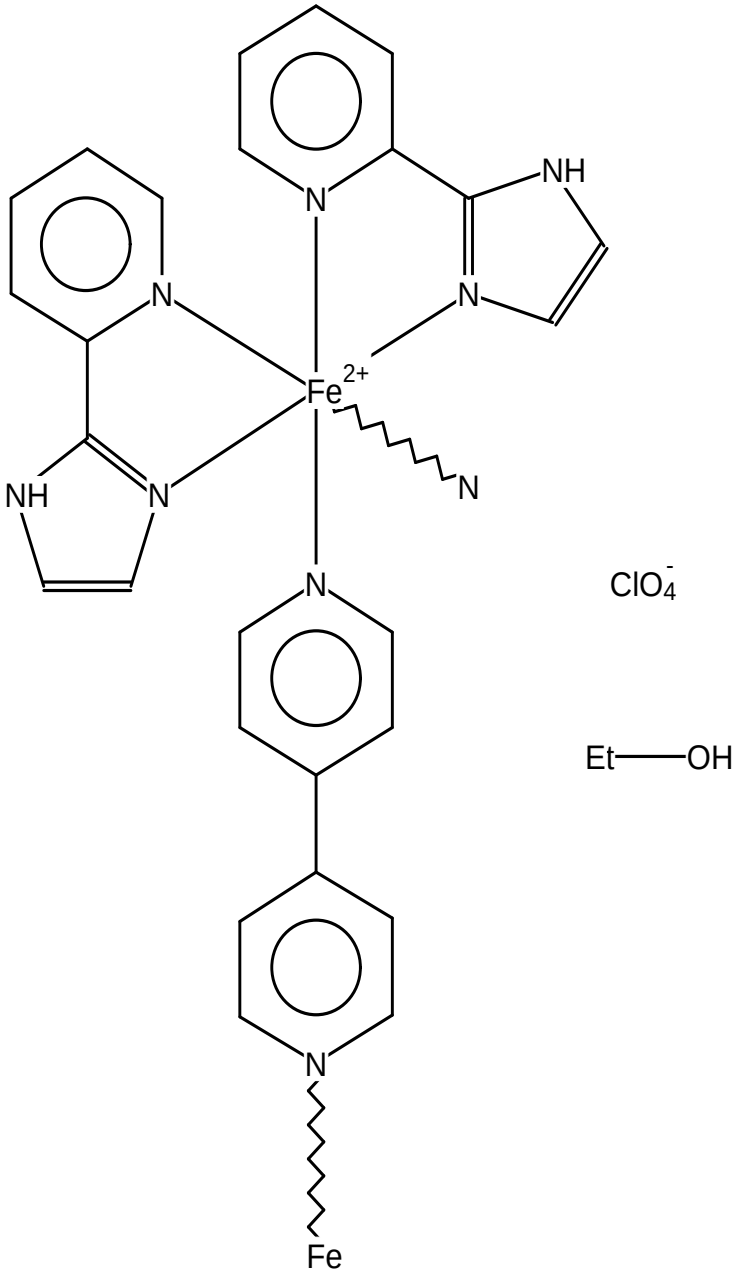
Reference: G.S.Matouzenko, G.Molnar, N.Brefuel, M.Perrin, A.Bousseksou, S.A.Borshch (2003) *Chem.Mater. ,***15,**550

Formula: $(C_{26}\ H_{22}\ Fe_1\ N_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(2-(pyrid-2-yl)imidazole)-iron(ii) diperchlorate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	23.188(5)	***b*** 11.559(2)	***c***	16.256(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 130.35(3)	γ	90.00

R-Factor (%): 6.01 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.587



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 848

HADPAE01

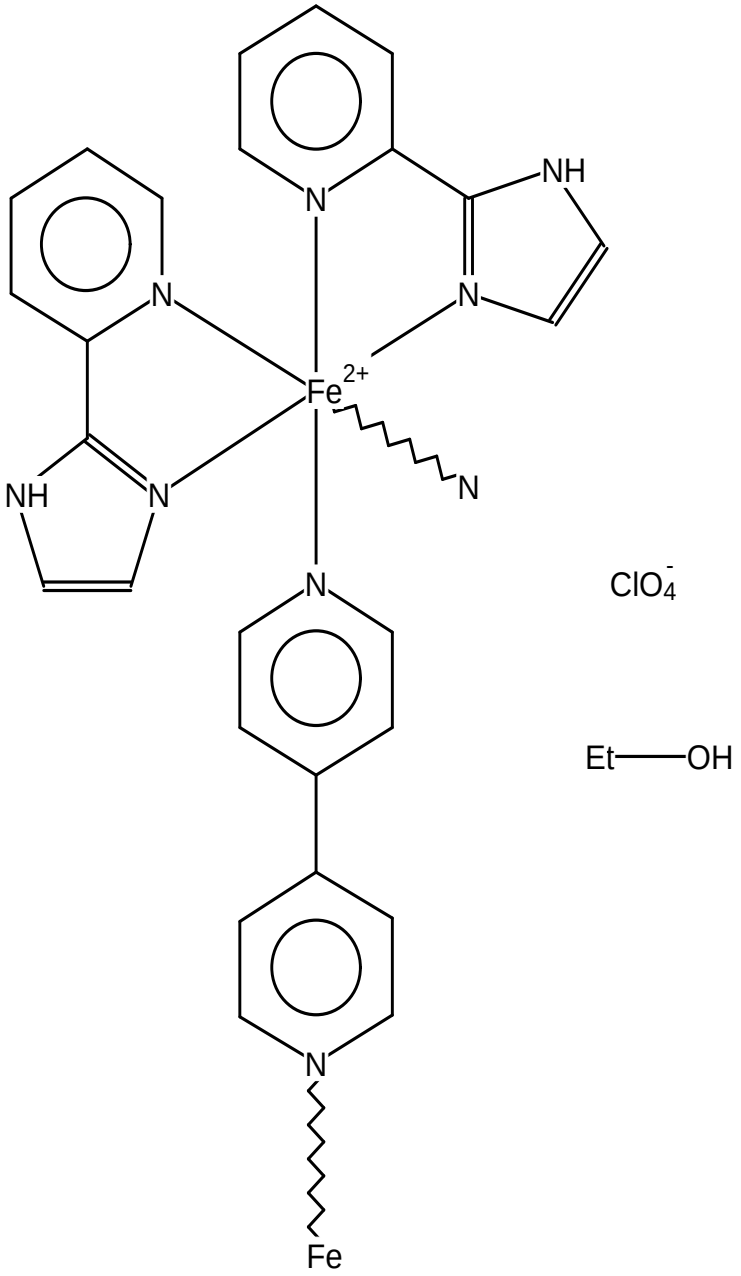
Reference: G.S.Matouzenko, G.Molnar, N.Brefuel, M.Perrin, A.Bousseksou, S.A.Borshch (2003) *Chem.Mater. ,***15,**550

Formula: $(C_{26}\ H_{22}\ Fe_1\ N_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(2-(pyrid-2-yl)imidazole)-iron(ii) diperchlorate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	23.625(5)	***b*** 11.892(2)	***c***	16.510(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 130.09(3)	γ	90.00

R-Factor (%): 6.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.485



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 849

HAHYOF

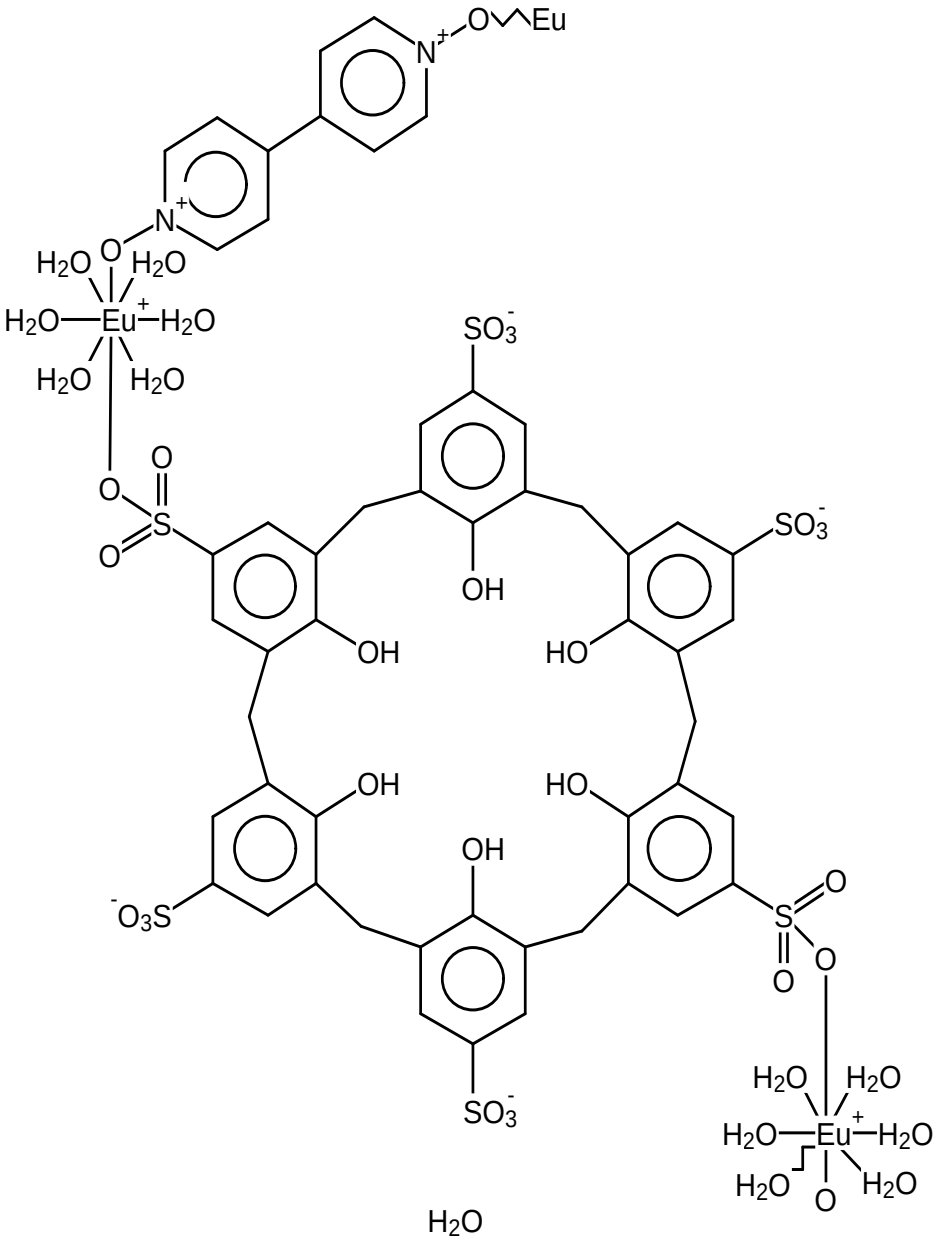
Reference: S.J.Dalgarno, M.J.Hardie, J.L.Atwood, C.L.Raston (2004) *Inorg.Chem. ,***43,**6351

Formula: $(C_{52}\ H_{60}\ Eu_2\ N_2\ O_{38}\ S_6)n,8n(H_2\ O_1)$

Compound Name: catena-((μ_2-37,38,39,40,41,42-Hexahydroxycalix(6)arene-17,35-bis(sulfonato-O)-5,11,23,29-tetrasulfonate)-(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-dodeca-aqua-di-europium(iii) octahydrate)

Space Group:	P21/c	***Cell:***	***a***	13.817(0)	***b*** 12.229(0)	***c***	22.356(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.86(0)	γ	90.00

R-Factor (%): 3.62 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.812



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 850

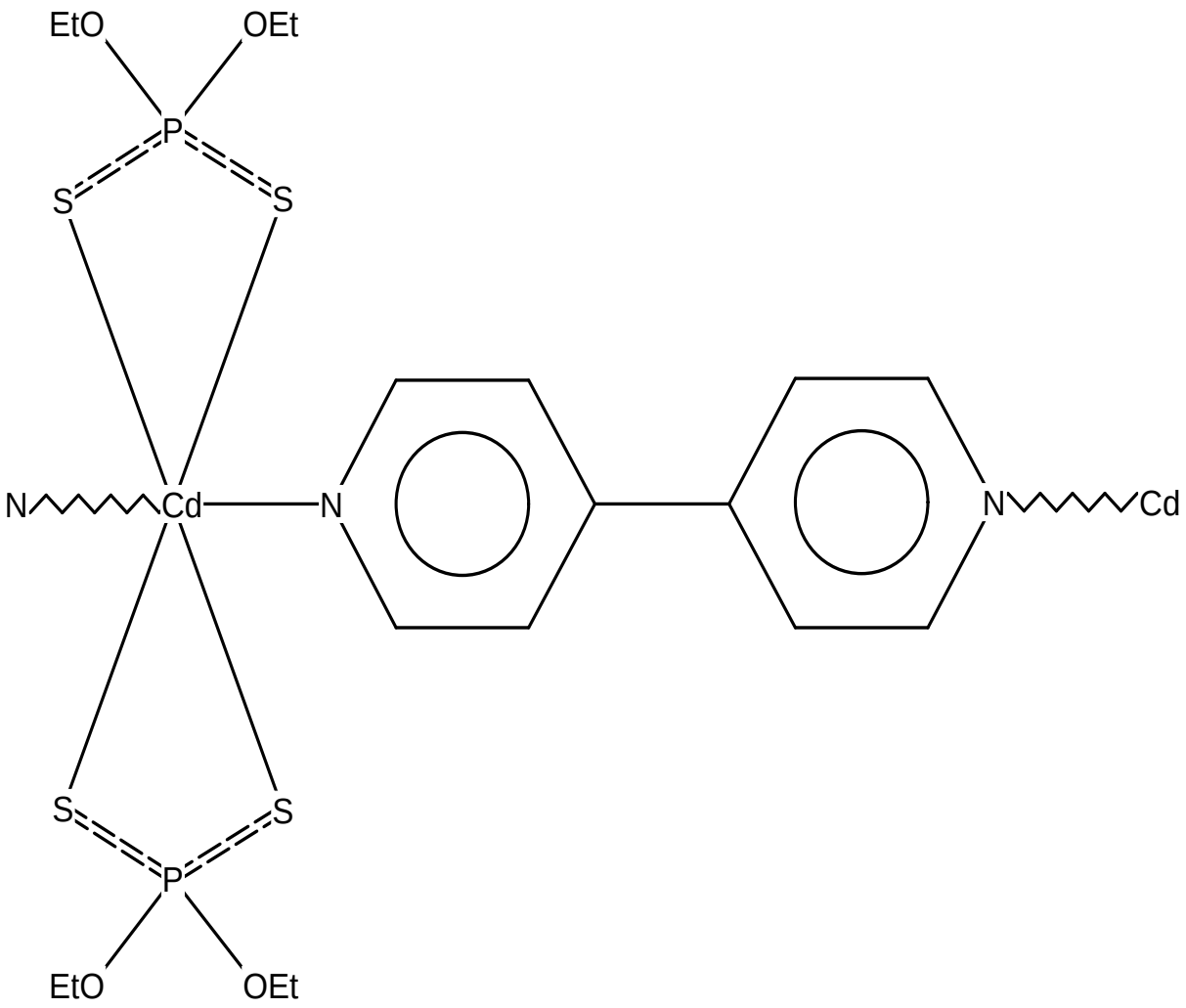
HAMNAL

Reference: Tao Li, Zhi-Hua Li, Shao-Wu Du (2004)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**60,**m1912

Formula: $(C_{18}\ H_{28}\ Cd_1\ N_2\ O_4\ P_2\ S_4)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(bis(O,O'-diethyl dithiophosphato-S,S')-cadmium(ii))

Space Group:	P-1	***Cell:***	***a***	8.819(6)	***b***	8.852(5)	***c*** 10.404(6)
Space Group No.:	2	***(Å,°)***	α	98.71(3)	β	103.96(4)	γ 118.82(1)
R-Factor (%):	5.07	***Temperature(K):***	130	***Density(g/cm^3):***	1.619		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 851

HAVFIU

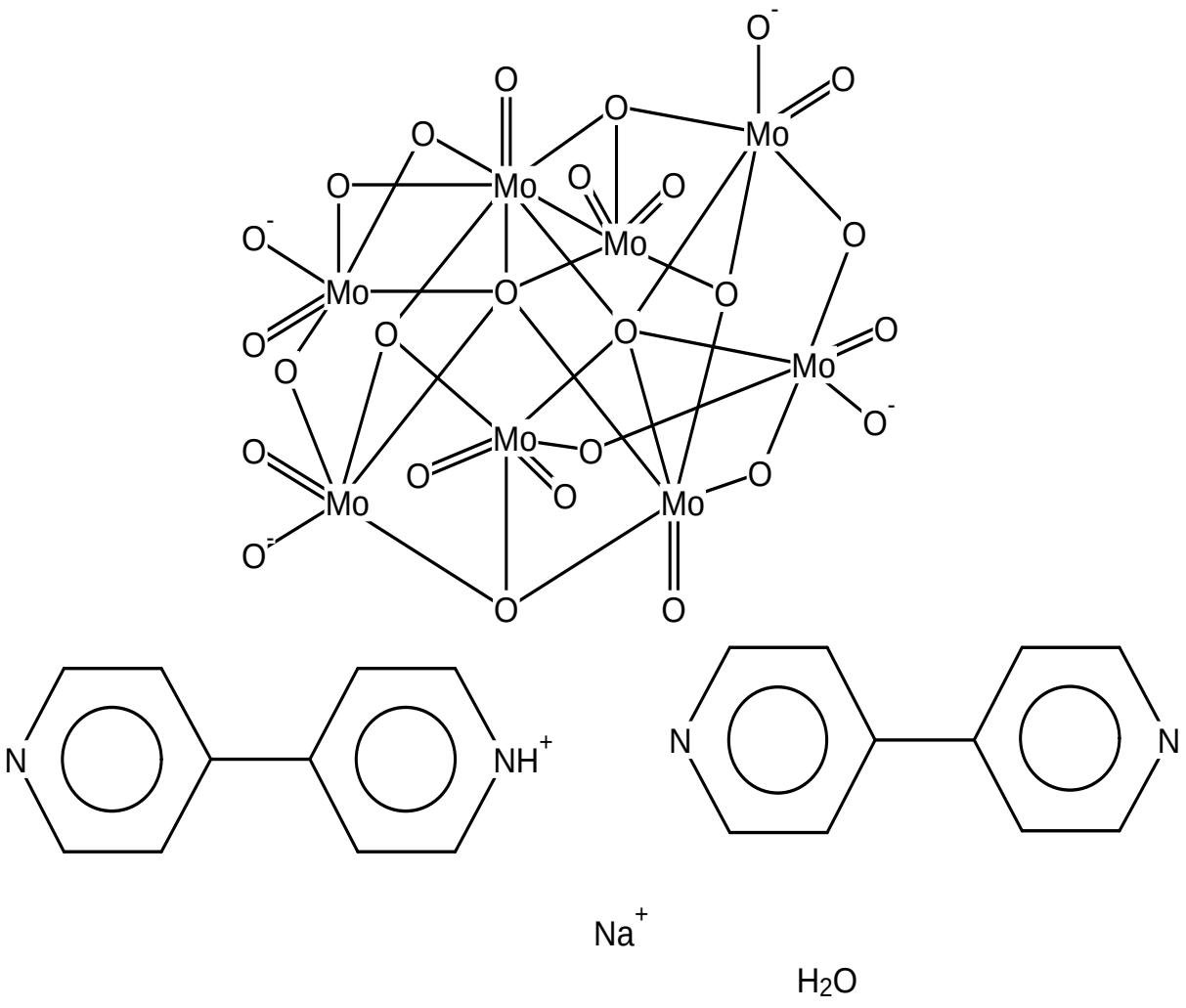
Reference: Yi-Ping Chen, Han-Hui Zhang, Da-Mei Ke, Xiao-Min Shen, Chang-Cang Huang, Rui-Qing Sun (2005)
*Jiegou Huaxue(Chin.J.Struct.Chem.) ,***24,**1033

Formula: $3(C_{10}\ H_9\ N_2\ ^{1+}),Mo_8\ O_{26}\ ^{4-},Na_1\ ^{1+},2(C_{10}\ H_8\ N_2),4(H_2\ O_1)$

Compound Name: tris(4-(4-Pyridyl)pyridinium) sodium β-octamolybdate 4,4'-bipyridine solvate tetrahydrate

Space Group:	C2/m	***Cell:***	***a***	19.192(0)	***b***	18.693(0)	***c*** 9.382(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	104.80(0)	γ 90.00

R-Factor (%): 2.83 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.105



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 852

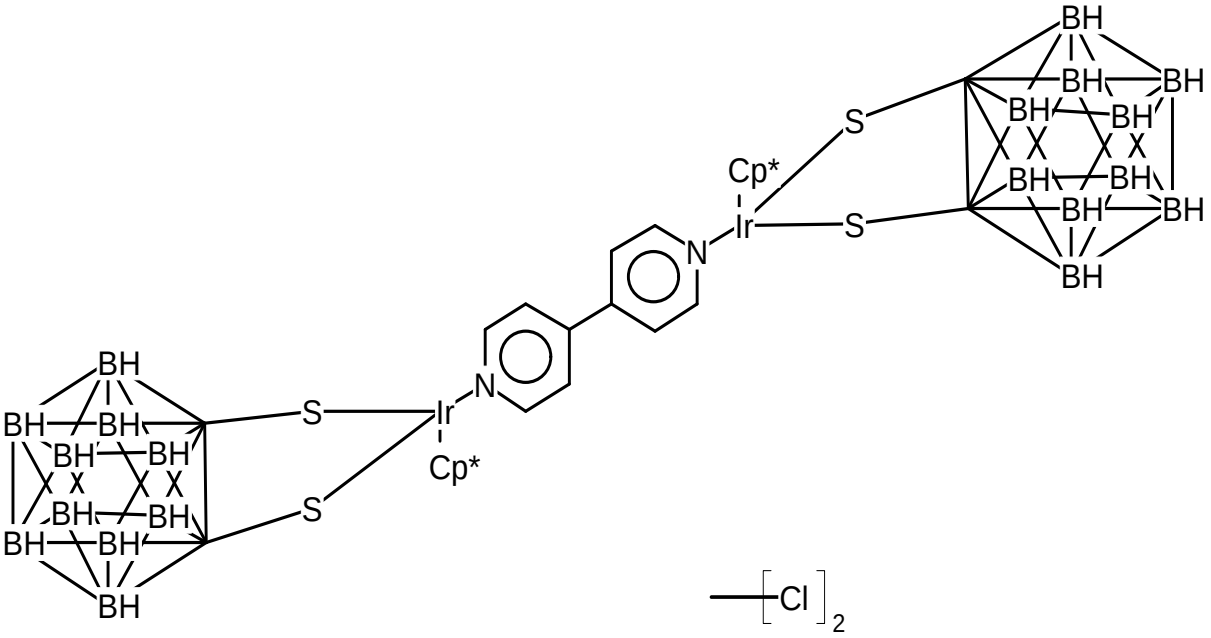
HAWRON

Reference: Jian-Qiang Wang, Chun-Xia Ren, Guo-Xin Jin (2005) *Chem.Commun.* ,4738

Formula: $C_{34}\ H_{58}\ B_{20}\ Ir_2\ N_2\ S_4,2(C_1\ H_2\ Cl_2)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(η^5-pentamethyl-cyclopentadienyl)-bis(1,2-dicarba-closo-dodecaborane-1,2-dithiolato)-di-iridium dichloromethane solvate

Space Group:	P-1	***Cell:***	***a*** 10.223(2)	***b*** 11.336(2)	***c*** 13.688(3)
Space Group No.:	2	***(Å,°)***	α 101.05(0)	β 109.11(0)	γ 94.83(0)
R-Factor (%):	3.22	***Temperature(K):***	293	***Density(g/cm^3):***	1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 853

HAWWEI

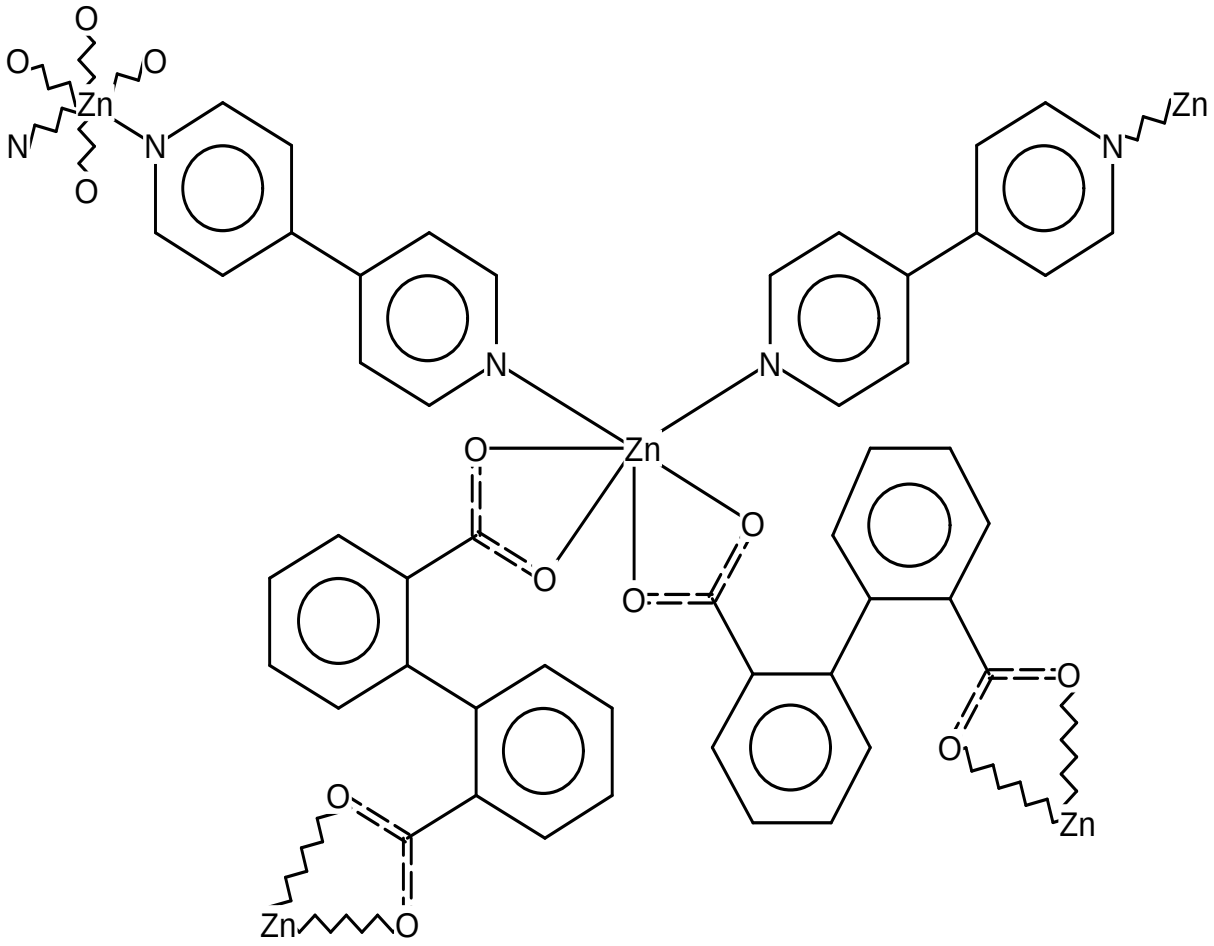
Reference: Rui-Hu Wang, Ya-Qiong Gong, Lei Han, Da-Qiang Yuan, Mao-Chun Hong (2005) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**24,**1007

Formula: $(C_{48}\ H_{32}\ N_4\ O_8\ Zn_2)n$

Compound Name: catena-[bis(μ_2-Biphenyl-2,2'-dicarboxylato)-bis(μ_2-4,4'-bipyridyl)-di-zinc(ii)]

Space Group:	Fddd	***Cell:***	***a***	23.161(0)	***b***	24.032(0)	***c***	29.479(0)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.42 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.495



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 854

HAWWEI01

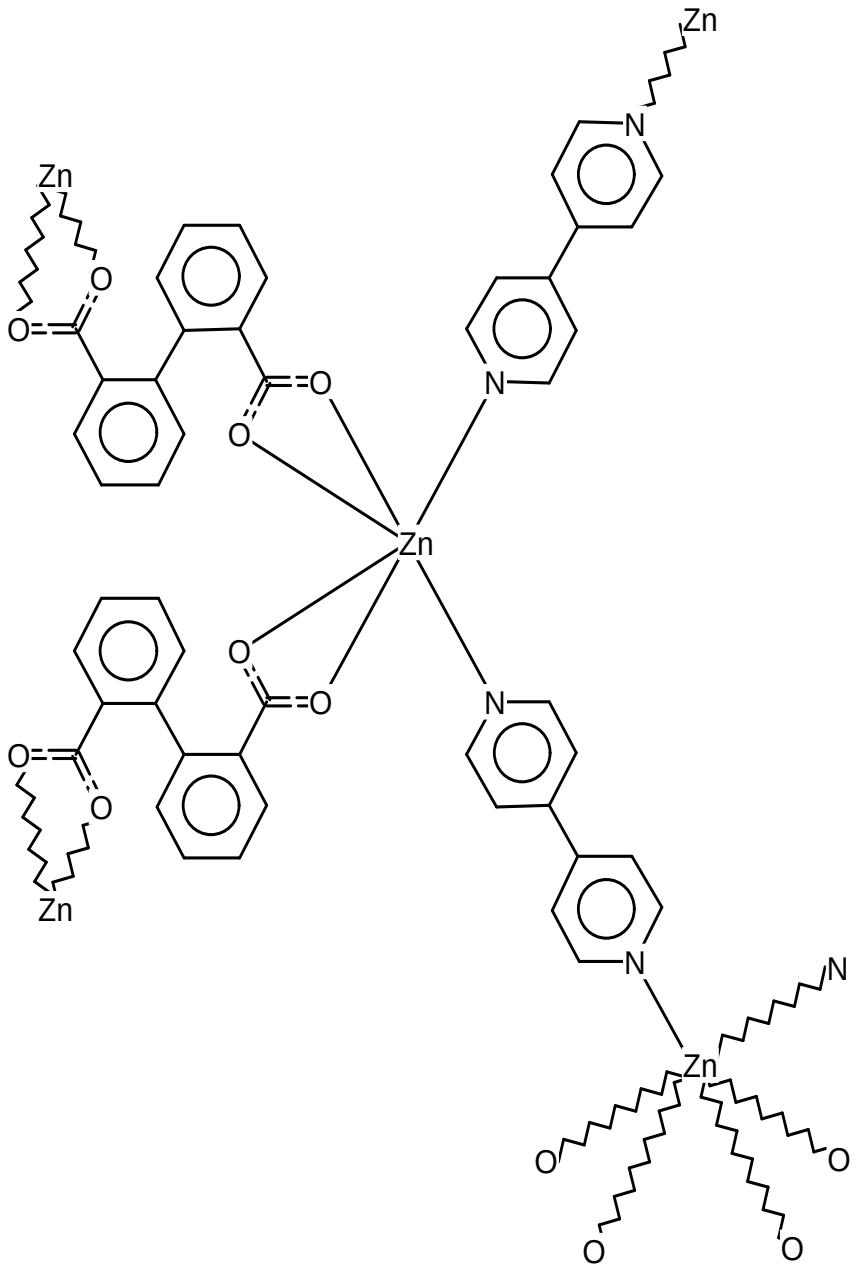
Reference: P.D.C.Dietzel, R.Blom, H.Fjellvag (2006) *Dalton Trans.* , 586

Formula: $(C_{48}\ H_{32}\ N_4\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_2-1,1'-Biphenyl-2,2'-dicarboxylato)-bis(μ_2-4,4'-bipyridyl)-di-zinc(ii))

Space Group:	Fddd	***Cell:***	***a***	23.270(3)	***b***	24.089(4)	***c***	29.240(4)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.497



Search: search1 (Thu May 26 10:05:42 2011): Hit 855

HAXZOW

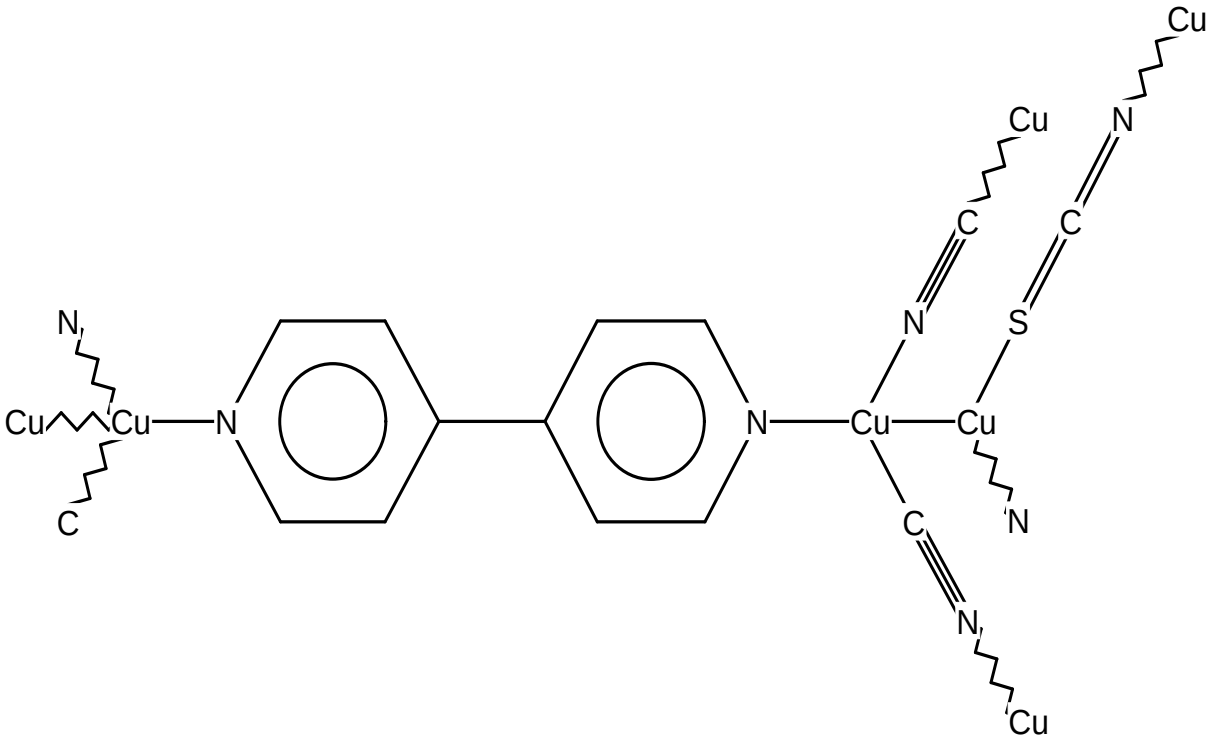
Reference: Xian-Ming Zhang, Zheng-Ming Hao, Hai-Shun Wu (2005) *Inorg.Chem. ,***44,**7301

Formula: $(C_{13}\ H_8\ Cu_3\ N_5\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-cyano-C,N)-(μ_2-thiocyanato-N,S)-tri-copper(i))

Space Group:	C2/m	***Cell:***	***a***	12.598(9)	***b*** 9.471(6)	***c***	7.095(6)
Space Group No.:	12	***(Å,°)***	α	90.00	β 117.77(1)	γ	90.00

R-Factor (%): 7.37 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.026



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 856

HAZSIL

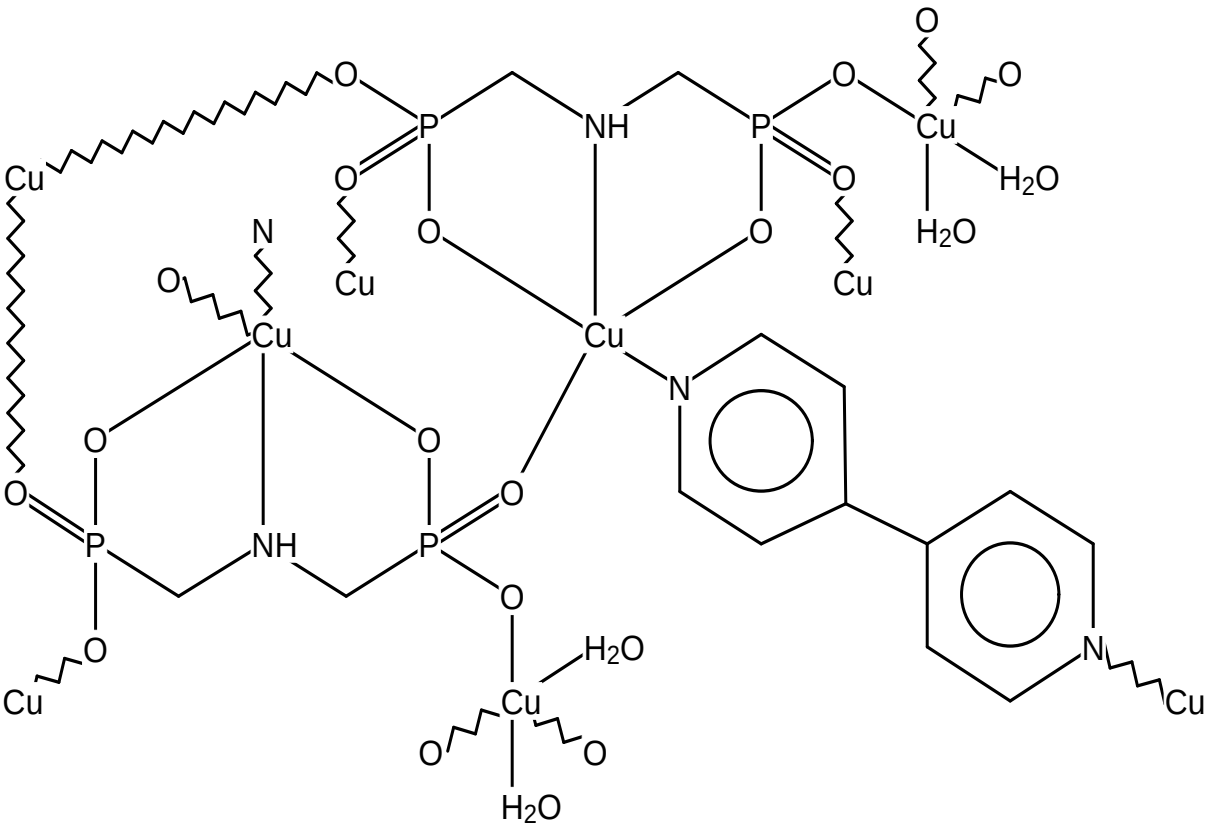
Reference: Bing-Ping Yang, A.V.Prosvirin, Han-Hua Zhao, Jiang-Gao Mao (2006) *J.Solid State Chem.* ,**179,**175

Formula: $(C_{14}\ H_{26}\ Cu_4\ N_4\ O_{16}\ P_4)n,9n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-Iminobis(methylphosphonato))-(μ_2-4,4'-bipyridine)-tetraaqua-tetra-copper(ii) nonahydrate)

Space Group:	Fdd2	***Cell:***	***a***	15.440(0)	***b***	52.022(3)	***c***	11.211(0)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.544



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 857

HEBCEX

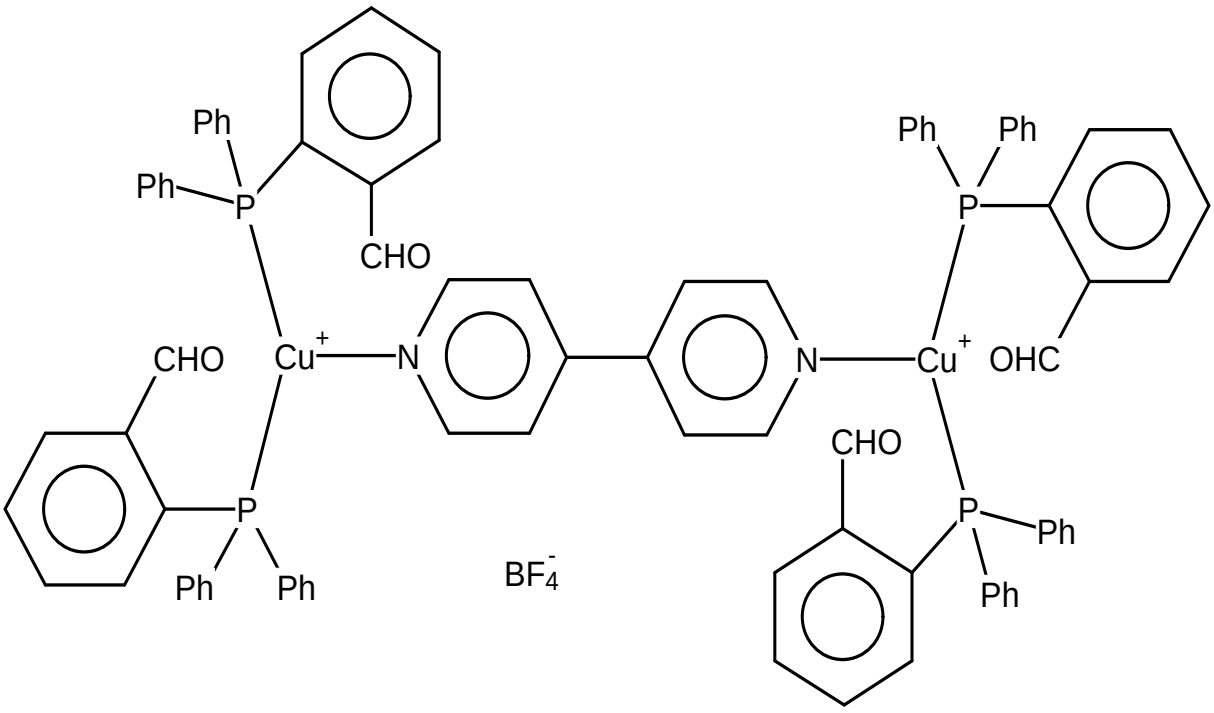
Reference: Wen-Yann Yeh, Gene-Hsiang Lee, Shie-Ming Peng (2006) *Inorg.Chim.Acta* ,**359,**659

Formula: $C_{86}\ H_{68}\ Cu_2\ N_2\ O_4\ P_4\ ^{2+}$,2($B_1\ F_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(o-(diphenylphosphino)benzaldehyde)-di-copper bis(tetrafluoroborate)

Space Group:	P21/c	***Cell:***	***a***	10.569(0)	***b***	17.996(0)	***c*** 20.688(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.94(0)	γ 90.00

R-Factor (%): 4.63 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.387



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 858

HECPOU

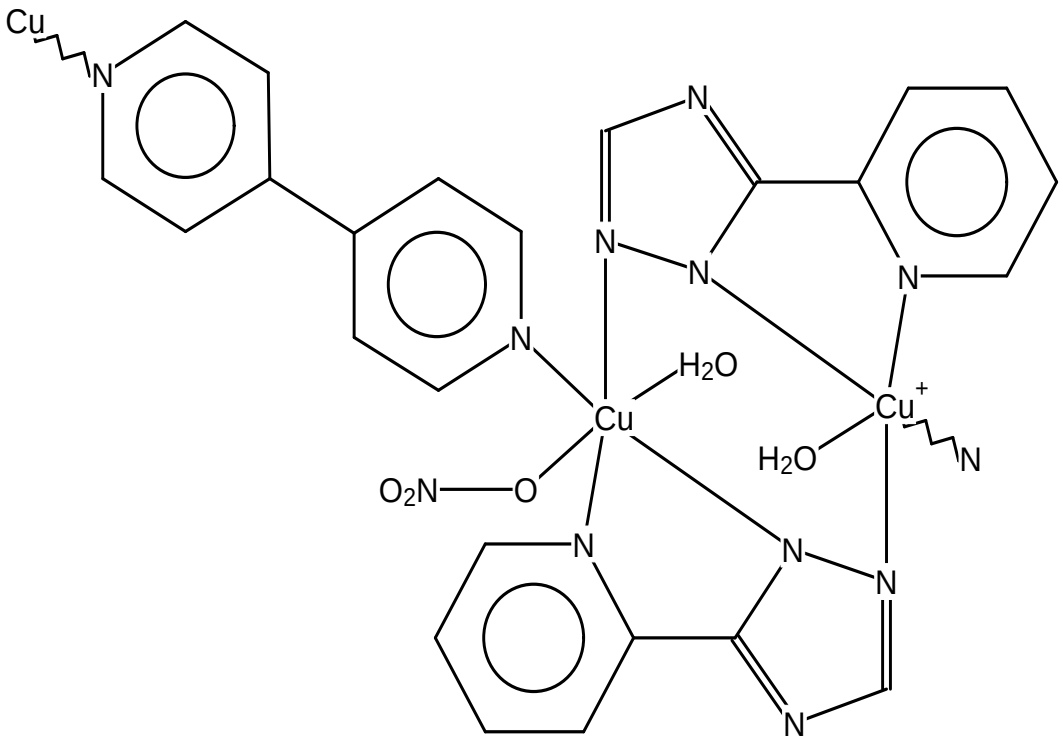
Reference: P.M.Slangen, P.J.van Koningsbruggen, J.G.Haasnoot, J.Jansen, S.Gorter, J.Reedijk, H.Kooijman, W.J.J.Smeets, A.L.Spek (1993) *Inorg.Chim.Acta ,***212,**289

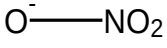
Formula: $(C_{24}\ H_{22}\ Cu_2\ N_{11}\ O_5\ ^{1+})n,n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-((μ$_2$-4,4'-Bipyridine)-bis(μ$_2$-3-(pyridin-2-yl)-1,2,4-triazolato)-diaqua-(nitrato-O)-di-copper(ii) nitrate tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	8.880(1)	***b***	12.998(0)	***c*** 28.721(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.97(0)	γ 90.00

R-Factor (%): 5.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.617





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 859

HEDLIM

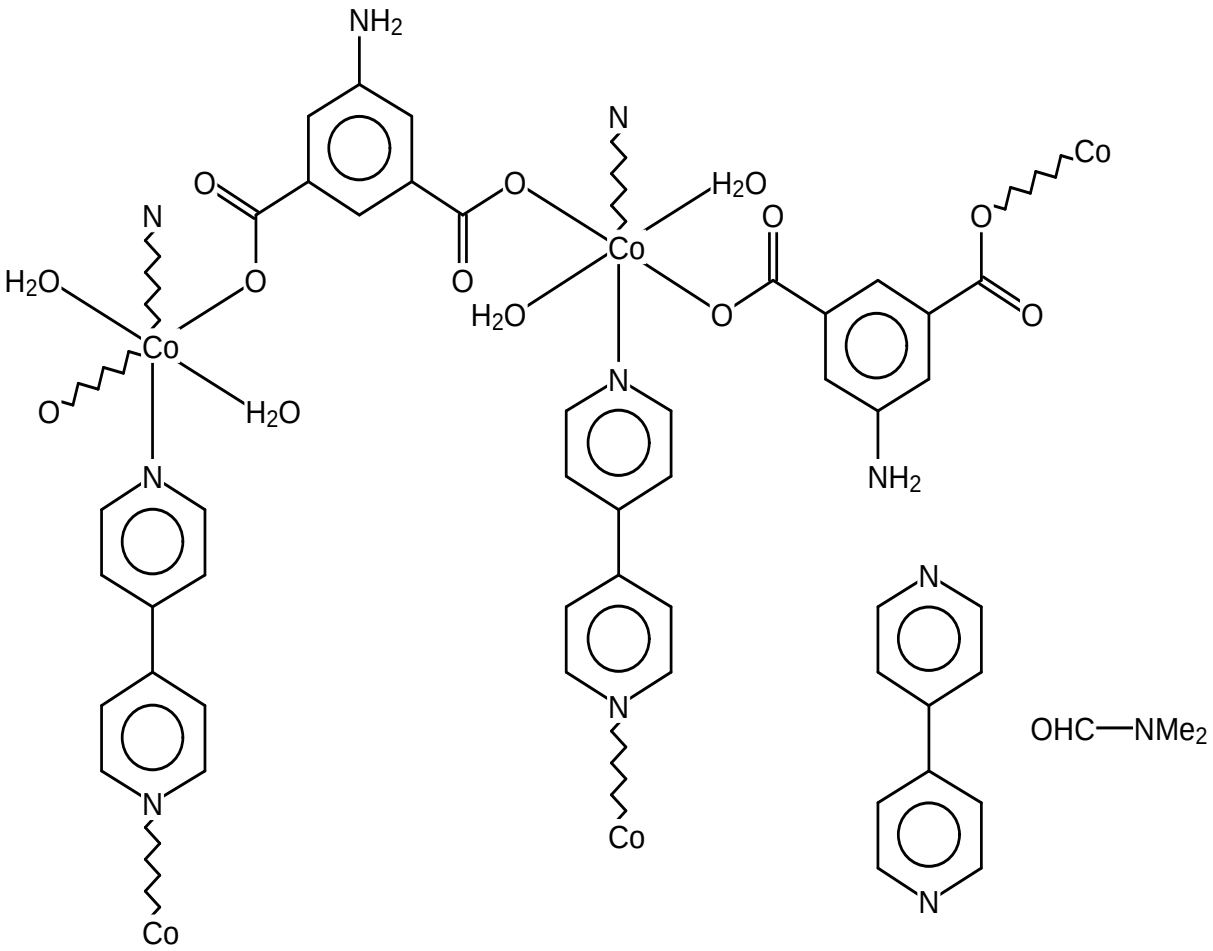
Reference: Hong-Yin He, Yi-Li Zhou, Long-Guan Zhu (2006)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**22,**142

Formula: $(C_{36}\ H_{34}\ Co_2\ N_6\ O_{12})n,2n(C_{10}\ H_8\ N_2),2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-5-aminoisophthalato-O,O')-tetra-aqua-di-cobalt 4,4'-bipyridine N,N-dimethylformamide solvate)

Space Group:	Pccn	***Cell:***	***a***	14.175(1)	***b***	19.535(1)	***c***	22.779(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	6.31	***Temperature(K):***	293	***Density(g/cm^3):***	1.389



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 860

HEGJUZ

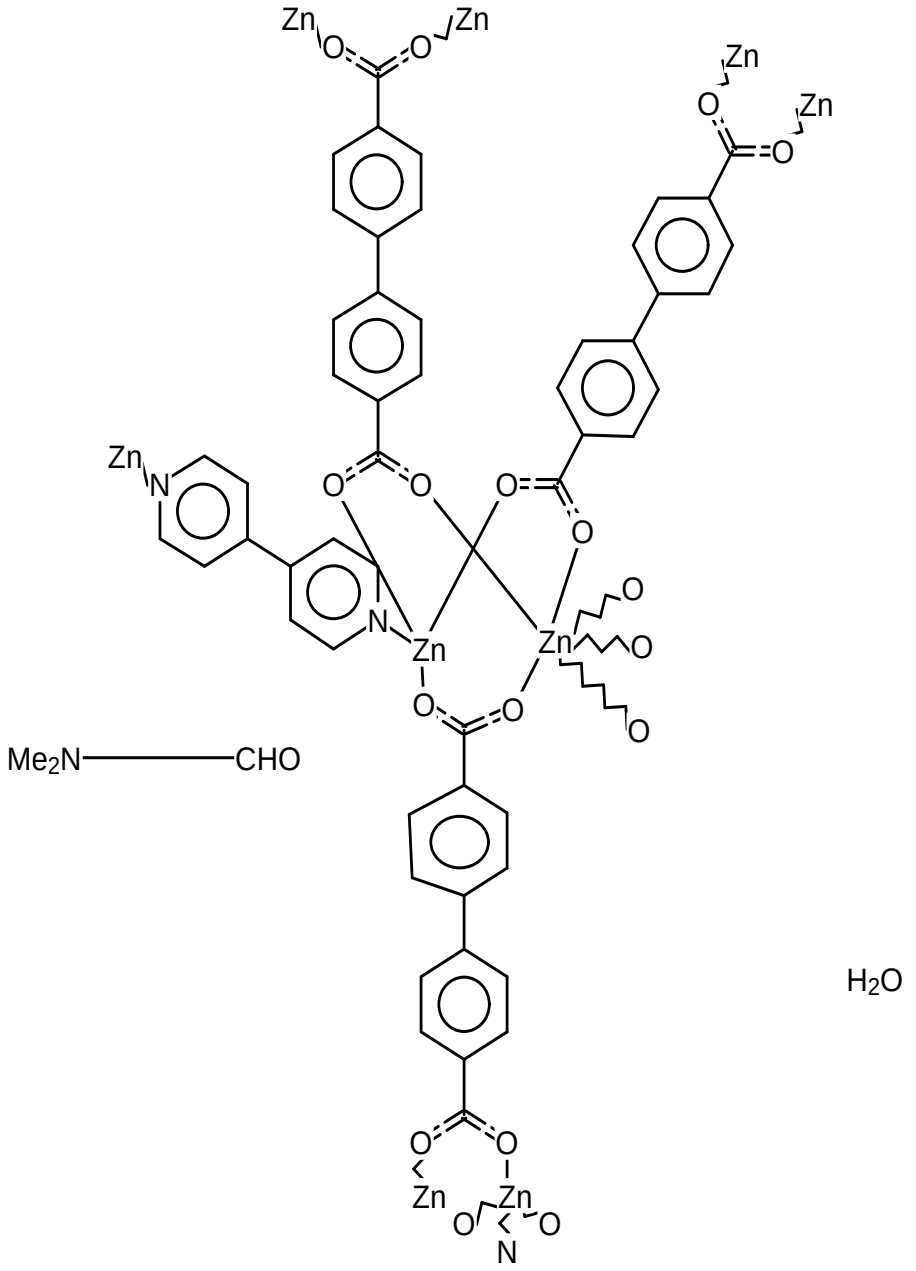
Reference: Jeong Yong Lee, Long Pan, S.P.Kelly, Jecek Jagiello, T.J.Emge, Jing Li (2005) *Adv.Mater. ,***17,**2703

Formula: $(C_{52}\ H_{32}\ N_2\ O_{12}\ Zn_3)n,4n(C_3\ H_7\ N_1\ O_1),0.69n(H_2\ O_1)$

Compound Name: catena-(tris(μ_4-4,4'-biphenyl-1,1'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-tri-zinc dimethylformamide solvate hydrate)

Space Group:	P21/n	***Cell:***	***a***	14.608(3)	***b***	18.041(4)	***c***	24.803(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.00(0)	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.400



Search: search1 (Thu May 26 10:05:42 2011): Hit 861

HEGMOW

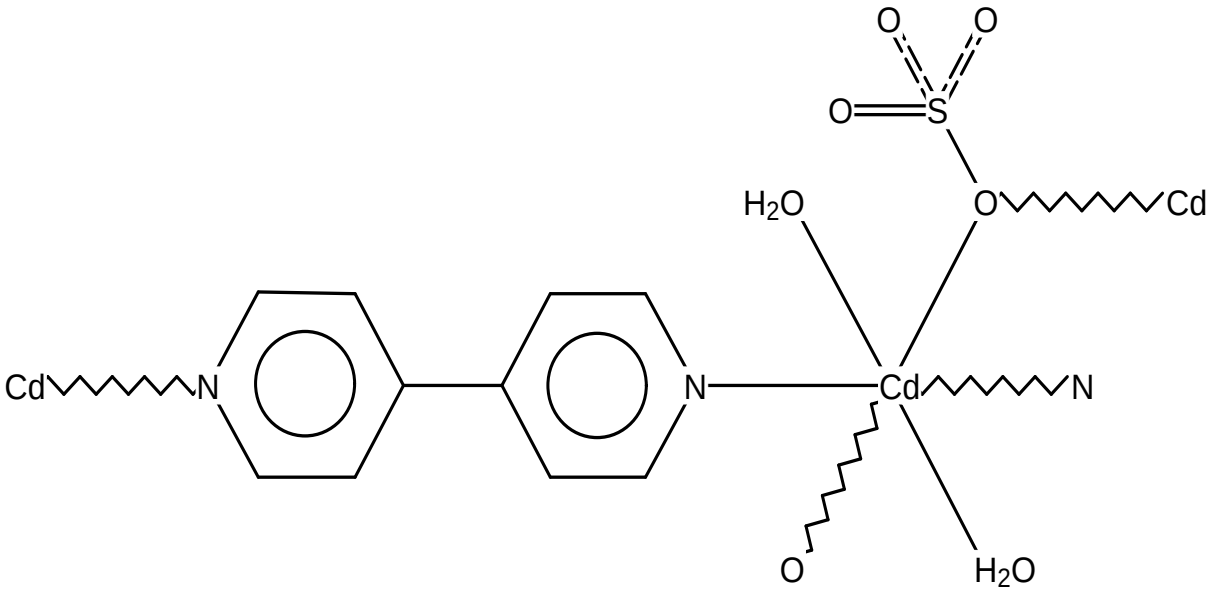
Reference: M.Hemamalini, P.T.Muthiah, G.Bocelli, A.Cantoni (2006) *J.Coord.Chem.* ,**59,**939

Formula: $(C_{10}\ H_{12}\ Cd_1\ N_2\ O_6\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-sulfato)-diaqua-cadmium(ii) monohydrate)

Space Group:	P6522	***Cell:***	***a***	11.447(1)	***b***	11.447(1)	***c*** 20.738(1)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.773



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 862

HEMTEZ

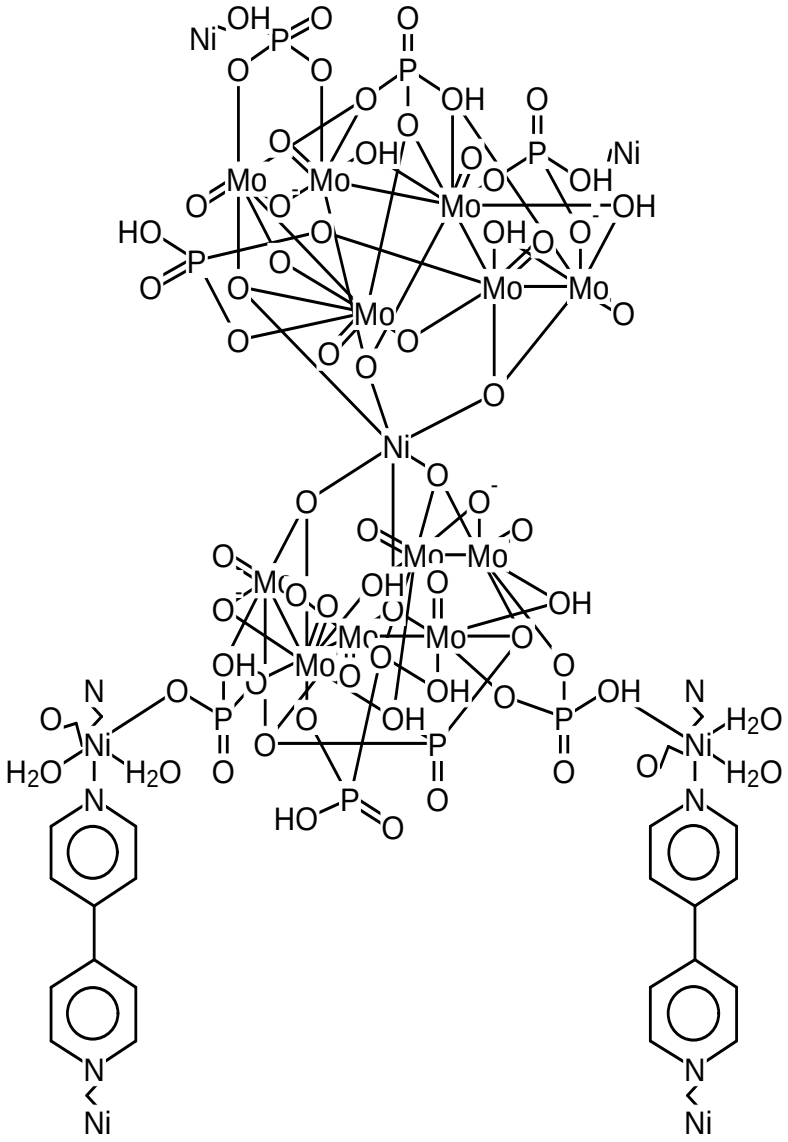
Reference: Wen-Jung Chang, Yau-Chen Jiang, Sue-Lein Wang, Kwang-Hwa Lii (2006) *Inorg.Chem.* ,**45,**6586

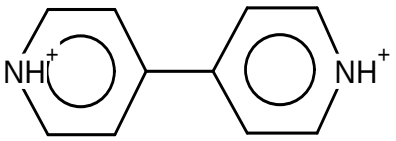
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(C_{20}\ H_{38}\ Mo_{12}\ N_4\ Ni_3\ O_{66}\ P_8\ ^{4-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) bis(μ_6-hydrogen phosphato)-tetrakis(μ_3-hydrogen phosphato)-hexakis(μ_3-oxo)-bis(μ_2-hydrogen phosphato)-bis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-hexakis(μ_2-hydroxo)-tetra-aqua-dodecaoxo-tri-nickel-dodeca-molybdenum tetrahydrate)

Space Group:	Pccn	***Cell:***	***a***	27.745(2)	***b***	16.158(1)	***c***	22.819(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.178





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 863

HEPLOE

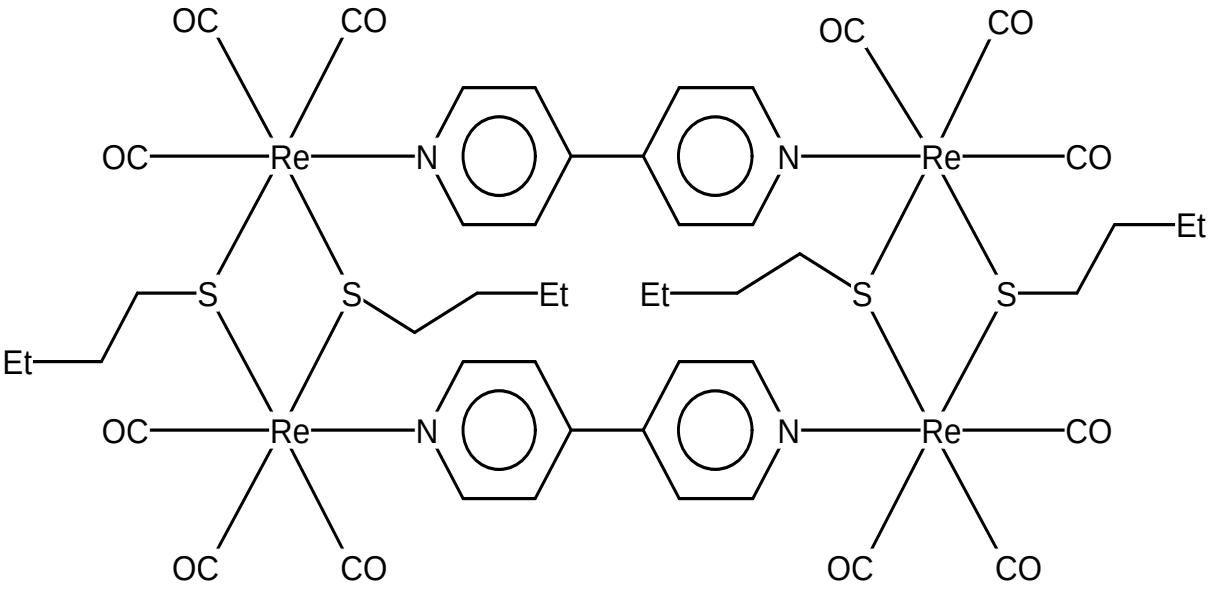
Reference: B.Manimaran, Liang-Jian Lai, P.Thanasekaran, Jing-Yun Wu, Rong-Tang Liao, Tien-Wen Tseng, Yen-Hsiang Liu, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2006) *Inorg.Chem. ,***45,**8070

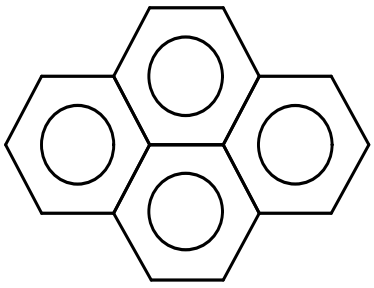
Formula: $C_{48}\ H_{52}\ N_4\ O_{12}\ Re_4\ S_4, C_{16}\ H_{10}, 4(C_3\ H_6\ O_1)$

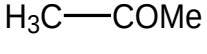
Compound Name: bis(μ_2-4,4'-Bipyridine)-tetrakis(μ_2-n-butylthiolato)-dodecacarbonyl-tetra-rhenium pyrene acetone solvate

Space Group:	P21/c	***Cell:***	***a***	10.400(0)	***b***	22.294(0)	***c***	17.371(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.08(0)	γ	90.00

R-Factor (%): 6.10 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.824







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 864

HEPLUK

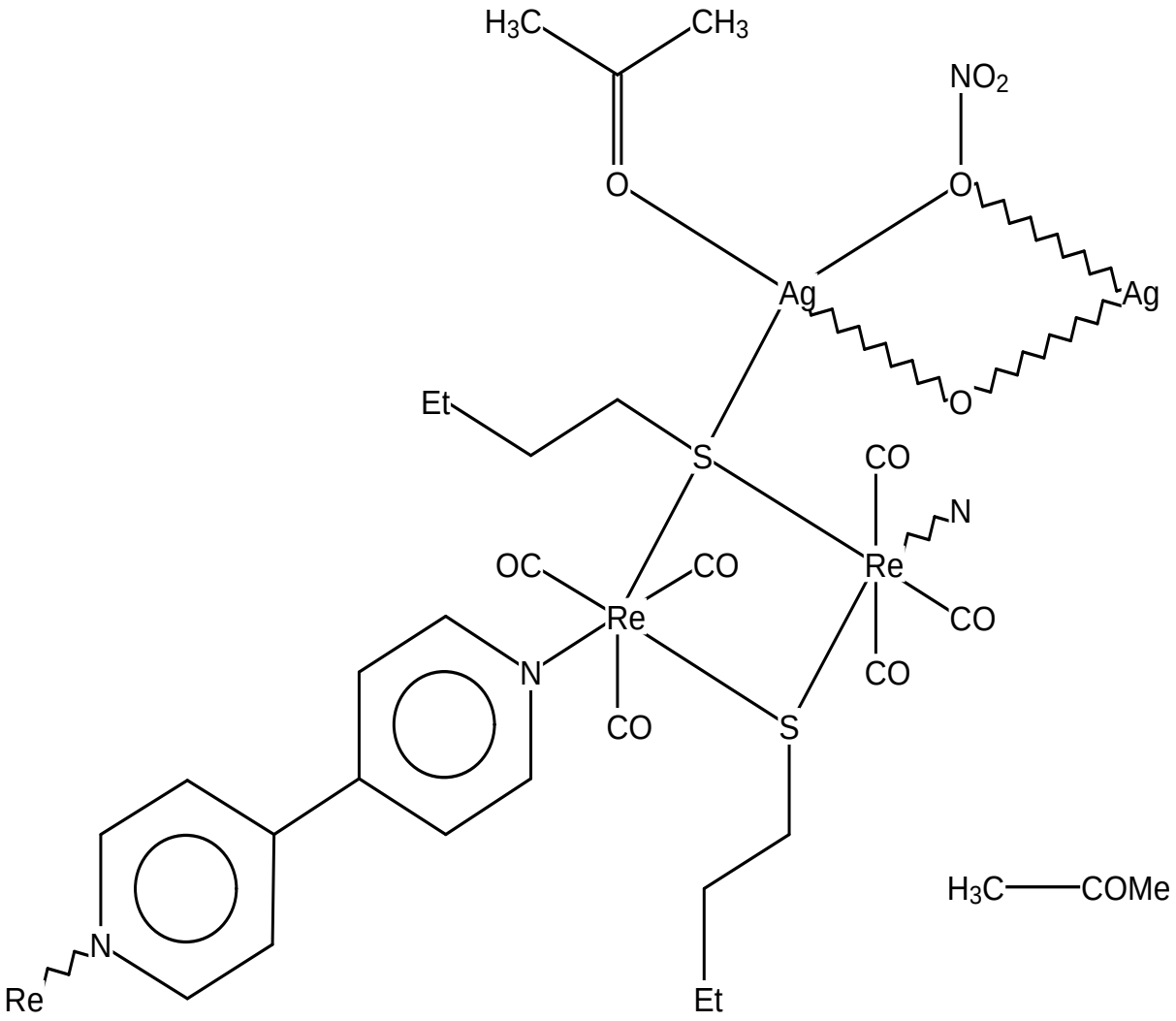
Reference: B.Manimaran, Liang-Jian Lai, P.Thanasekaran, Jing-Yun Wu, Rong-Tang Liao, Tien-Wen Tseng, Yen-Hsiang Liu, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2006) *Inorg.Chem. ,***45,**8070

Formula: $(C_{27}\ H_{32}\ Ag_1\ N_3\ O_{10}\ Re_2\ S_2)n,n(C_3\ H_6\ O_1)$

Compound Name: catena-((μ3-n-Butylthiolato)-(μ2-n-butylthiolato)-(μ2-4,4'-bipyridine)-(μ2-nitrato)-acetone-hexacarbonyl-silver(i)-di-rhenium acetone solvate)

Space Group:	P21/c	***Cell:***	***a***	11.753(0)	***b*** 18.046(0)	***c***	18.726(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.56(0)	γ	90.00

R-Factor (%): 3.96 ***Temperature(K):*** 150 ***Density(g/cm3):*** 2.026



Search: search1 (Thu May 26 10:05:42 2011): Hit 865

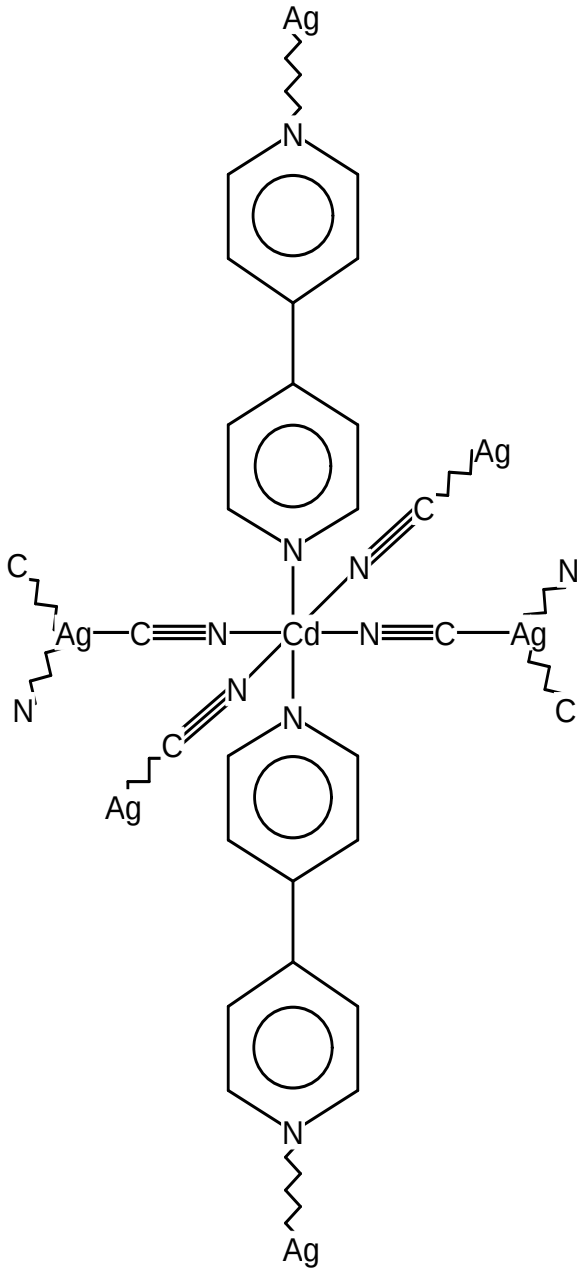
HERNUN

Reference: T.Soma, H.Yuge, T.Iwamoto (1994) *Angew.Chem.,Int.Ed.* , **33,**1665

Formula: $(C_{24}\ H_{16}\ Ag_2\ Cd_1\ N_8)n$

Compound Name: catena-(trans-bis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-cyano)-cadmium(ii)-di-silver(i))

Space Group:	P21/c	***Cell:***	***a*** 8.891(4)	***b*** 11.464(3)	***c*** 17.656(4)
Space Group No.:	14	***(Å,°)***	α 90.00	β 133.73(2)	γ 90.00
R-Factor (%):	3.90	***Temperature(K):***	295	***Density(g/cm^3):***	1.902



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 866

HESQIG

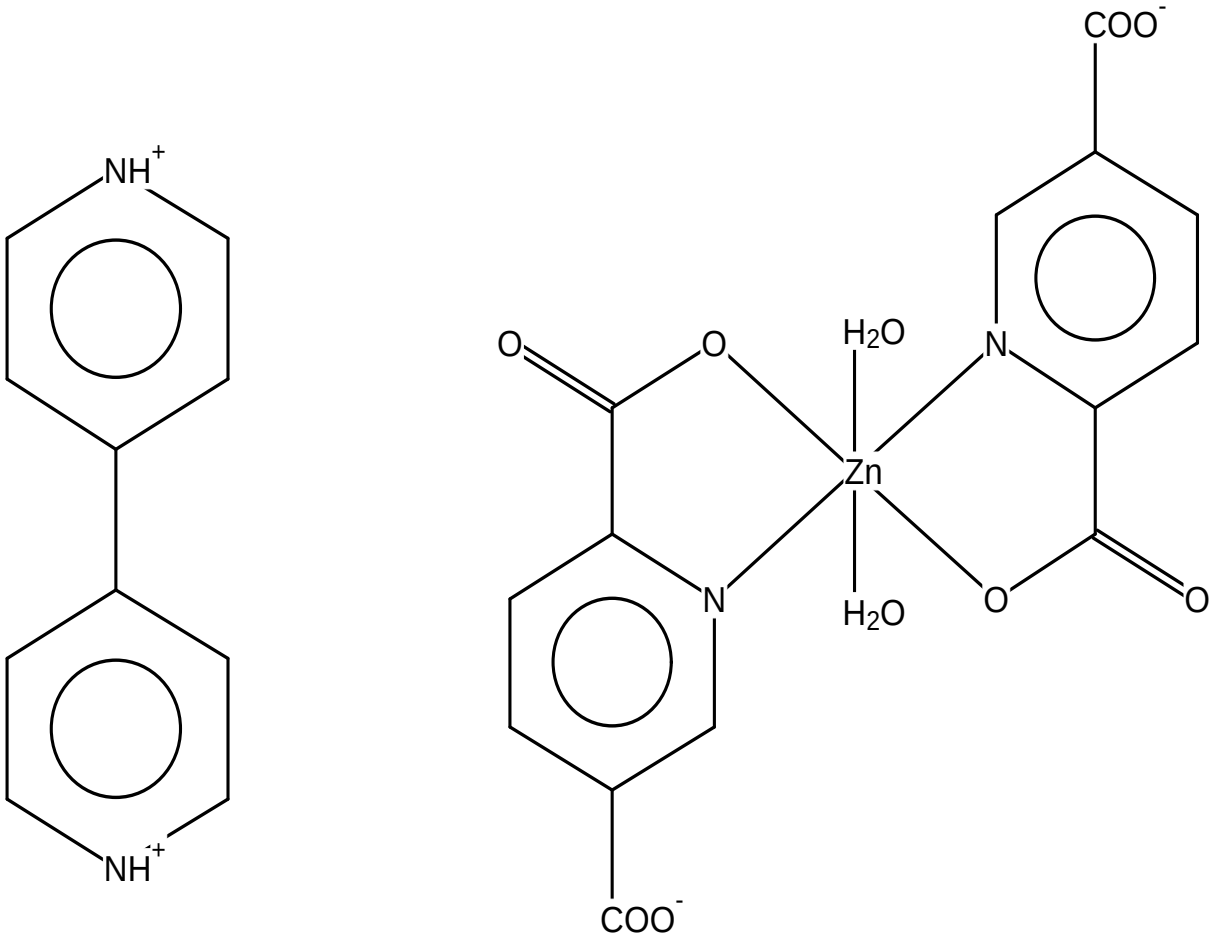
Reference: Hui Wang, Ming-Xing Li, Ming Shao, Xiang He (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m3309

Formula: $C_{14}\,H_{10}\,N_2\,O_{10}\,Zn_1\,^{2-}$,$C_{10}\,H_{10}\,N_2\,^{2+}$

Compound Name: 4,4'-Bipyridinium diaqua-bis(pyridine-2,5-dicarboxylato-N,O)-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	7.018(1)	***b***	8.694(1)	***c*** 10.475(1)
Space Group No.:	2	***(Å,°)***	α	112.47(0)	β	90.39(0)	γ 106.13(0)

R-Factor (%): 2.34 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.740



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 867

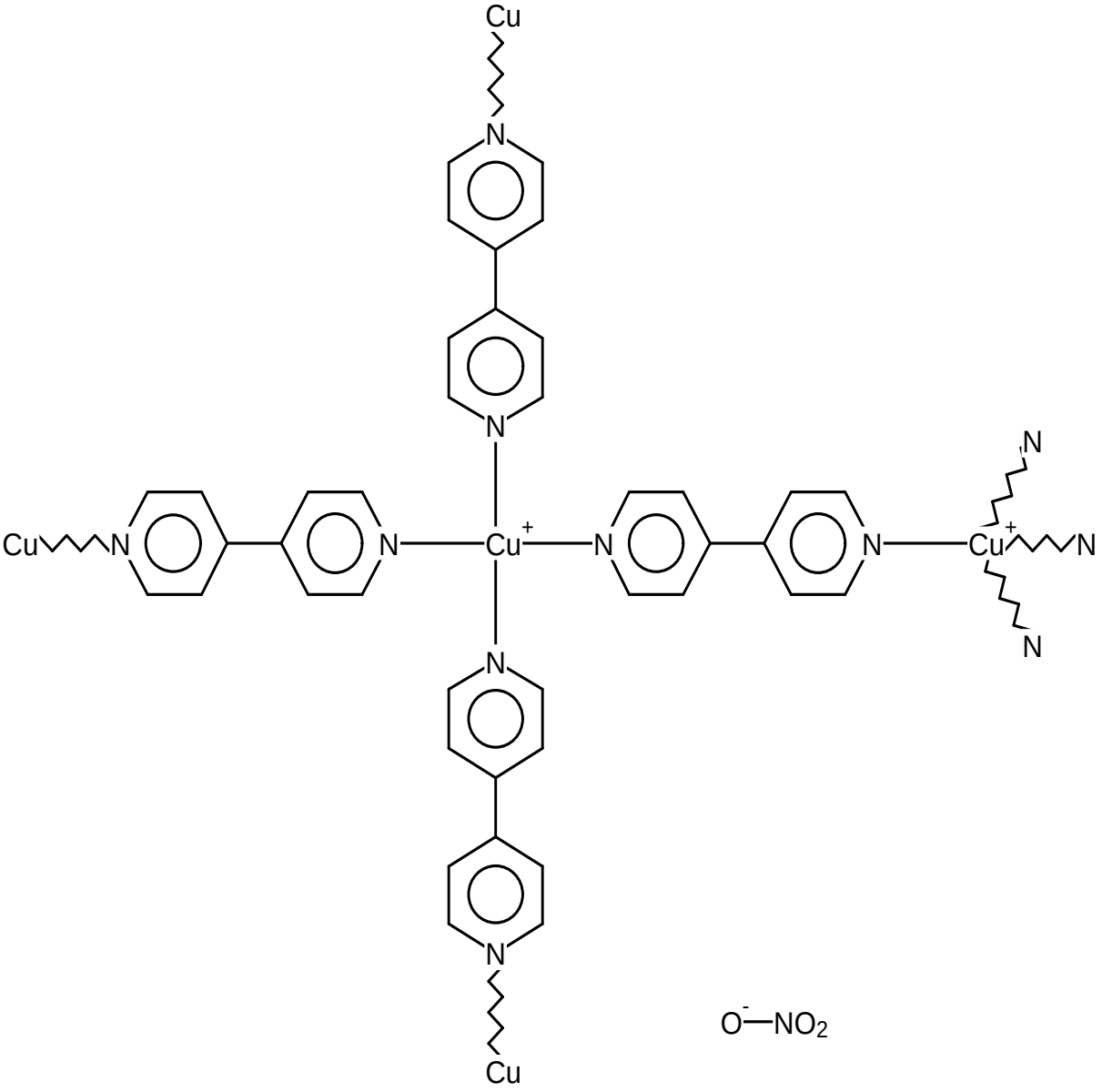
HETDUG

Reference: V.Pedireddi, M.R.Shimpi, J.V.Yakhmi (2006)
*Macromol.Symp. ,***241,**83

Formula: $(C_{40}\ H_{32}\ Cu_2\ N_8\ ^{2+})n,2n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-di-copper(i) dinitrate)

Space Group:	C2/m	***Cell:***	***a***	17.470(4)	***b***	16.437(4)	***c*** 7.155(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β	99.00(4)	γ 90.00
R-Factor (%):	10.08	***Temperature(K):***	298		***Density(g/cm^3):***		1.433



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 868

HETWAF

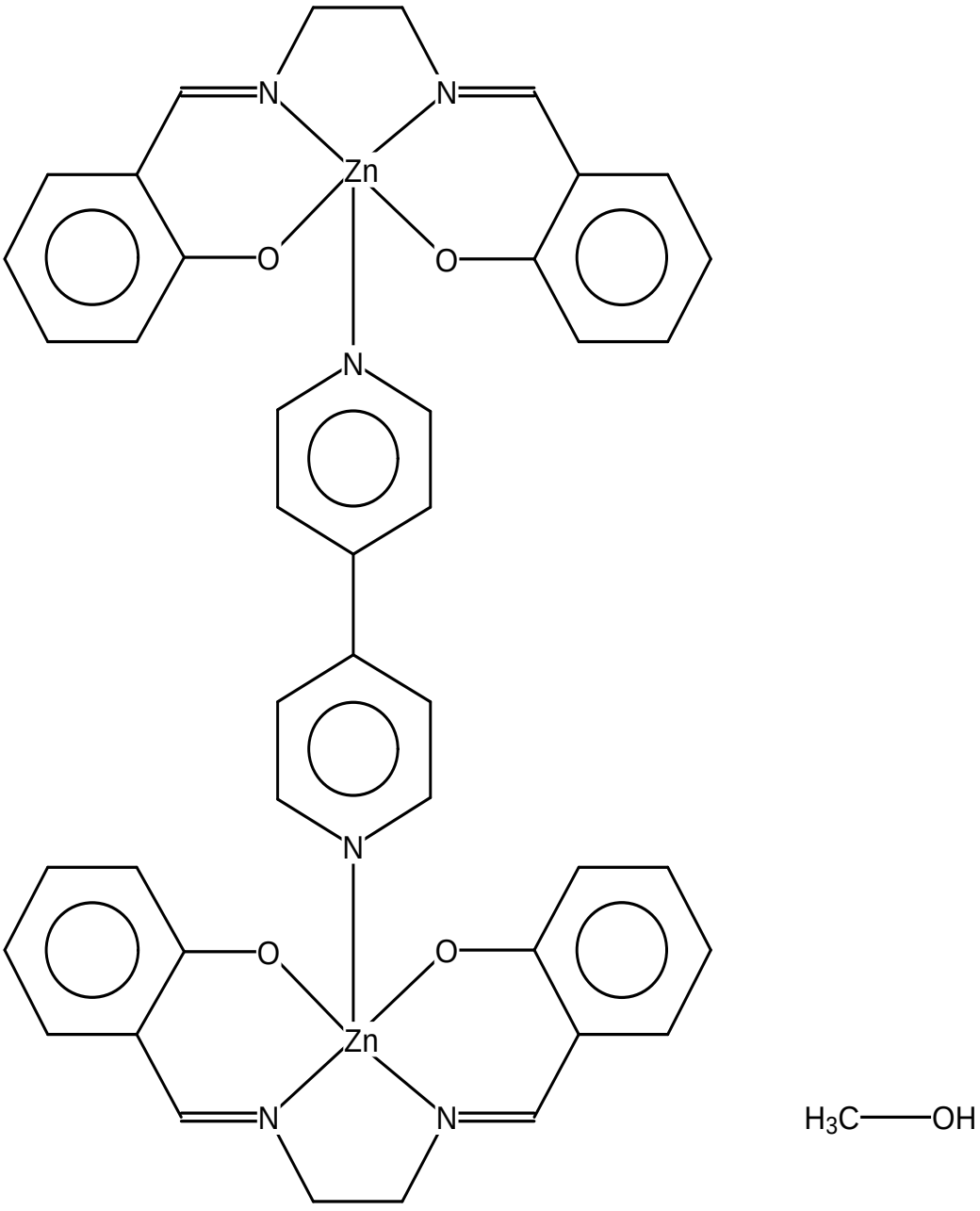
Reference: Xun Feng, Yu-Fang Wang, Li-Ya Wang (2006)
*Z.Kristallogr.-New Cryst.Struct. ,***221,**460

Formula: $C_{42}\ H_{36}\ N_6\ O_4\ Zn_2,2(C_1\ H_4\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(N,N'-ethylene-bis(salicylaldiminato))-di-zinc(ii) methanol solvate

Space Group:	P21/c	***Cell:***	***a***	8.954(1)	***b***	21.265(3)	***c***	21.770(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.27(0)	γ	90.00

R-Factor (%): 7.85 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.417



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 869

HETZOW

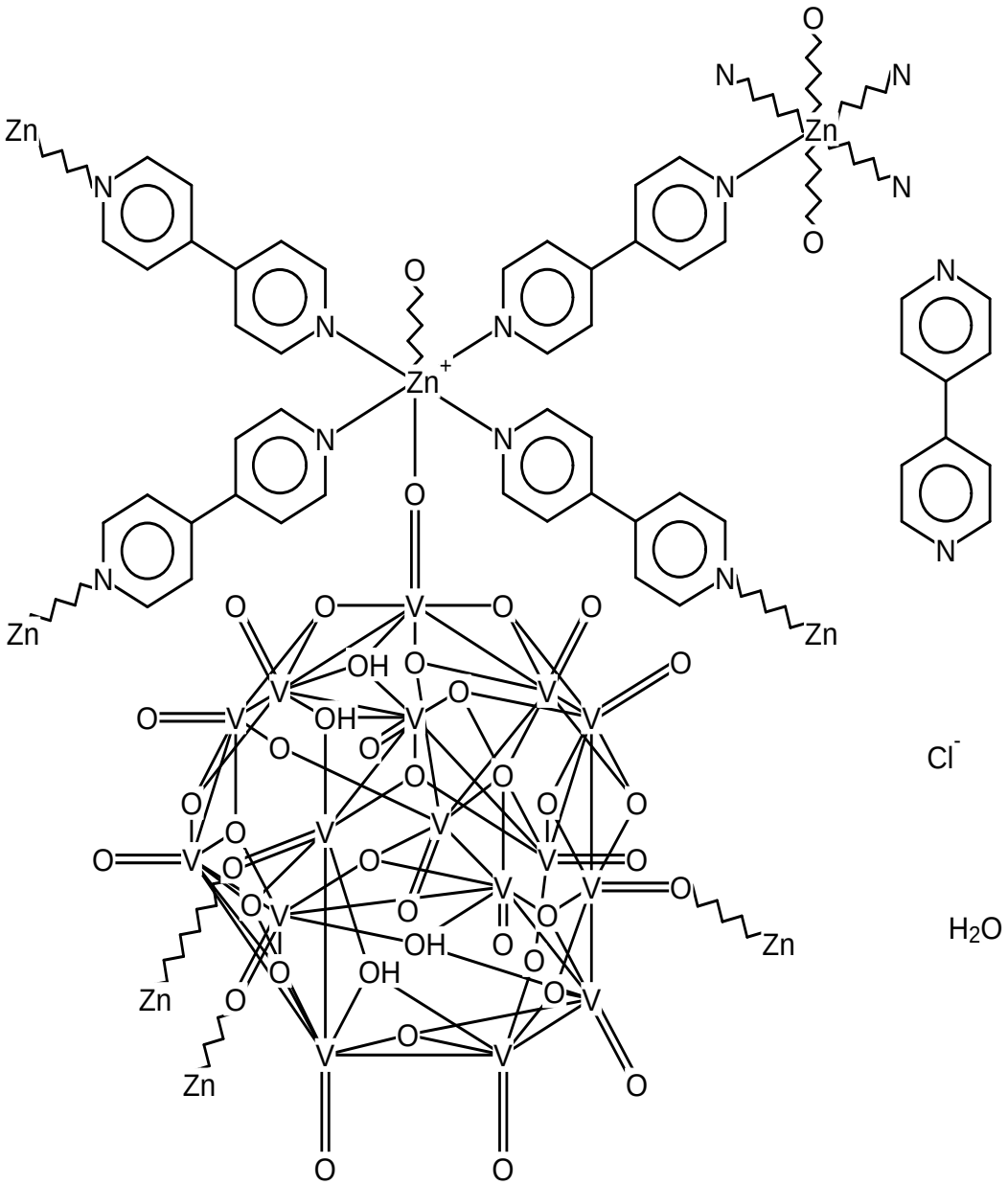
Reference: Baoxia Dong, C.J.Gomez-Garcia, Jun Peng, S.Benmansour, Yumei Kong (2007) *J.Mol.Struct.* ,**827,**50

Formula: $(C_{40}\ H_{36}\ N_8\ O_{38}\ V_{16}\ Zn_2\ ^{1+})n,n(Cl_1\ ^{1-}),n(C_{10}\ H_8\ N_2),6n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_3-Hydroxo)-hexadecakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-undeca-vanadium(iv)-penta-vanadium(v)-di-zinc(ii) chloride 4,4'-bipyridine clathrate hexahydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.124(2)	***b***	17.124(2)	***c***	14.724(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.27 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.909



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 870

HETZUC

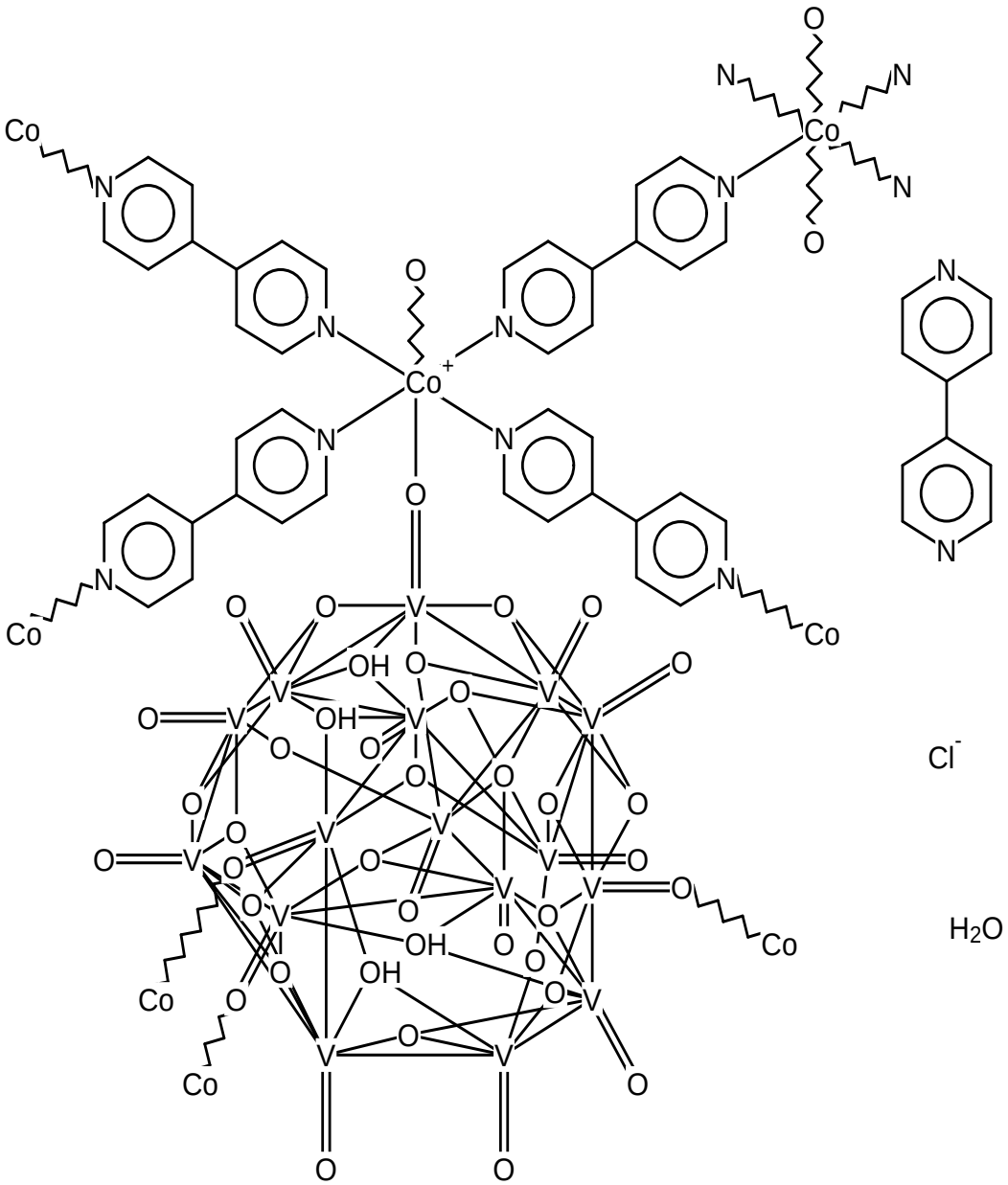
Reference: Baoxia Dong, C.J.Gomez-Garcia, Jun Peng, S.Benmansour, Yumei Kong (2007) *J.Mol.Struct.* ,**827,**50

Formula: $(C_{40}\ H_{36}\ Co_2\ N_8\ O_{38}\ V_{16}\ ^{1+})n,n(Cl_1\ ^{1-}),n(C_{10}\ H_8\ N_2),6n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_3-Hydroxo)-hexadecakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-cobalt(ii)-undeca-vanadium(iv)-penta-vanadium(v) chloride 4,4'-bipyridine clathrate hexahydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.038(2)	***b***	17.038(2)	***c***	14.754(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.915



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 871

HEVFAP

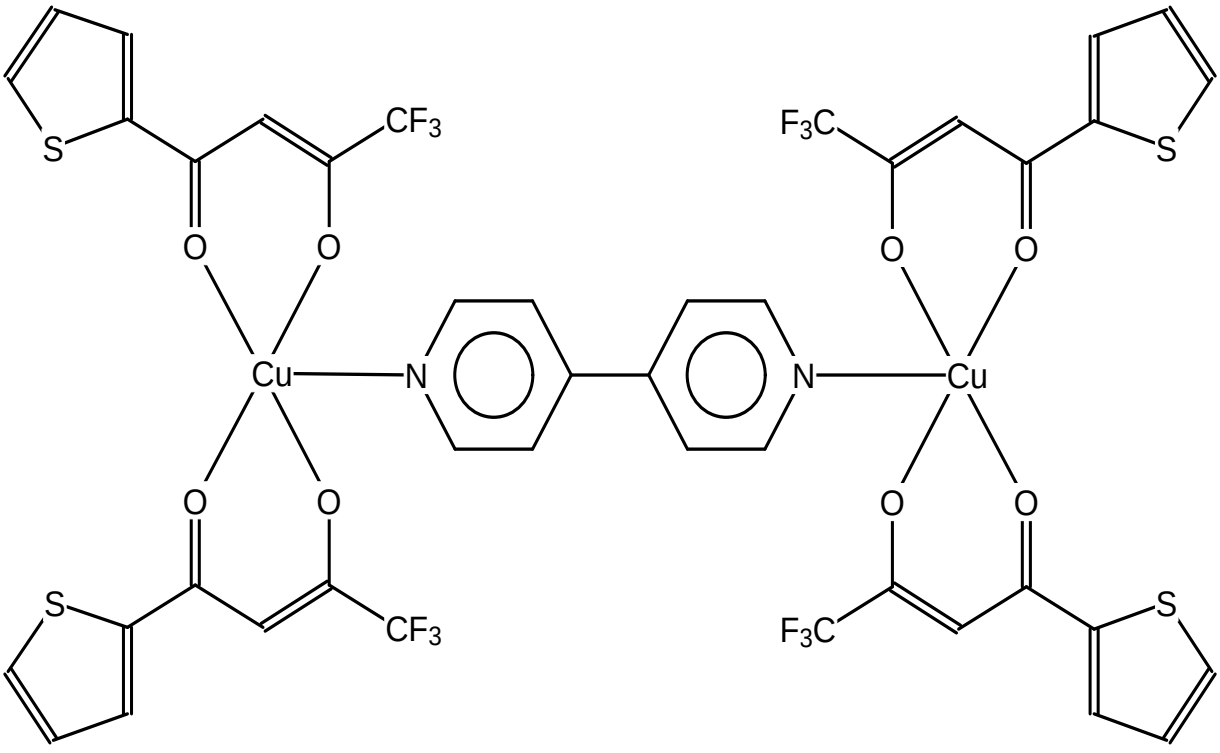
Reference: Ming-Xing Li, Zheng Xu, Xiao-Zeng You, Cheng-Gang Chen (1994) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**50,**1699

Formula: $C_{42}\,H_{24}\,Cu_2\,F_{12}\,N_2\,O_8\,S_4$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis(4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-O,O')-copper(ii))

Space Group:	P-1	***Cell:***	***a***	8.547(2)	***b*** 10.187(4)	***c***	13.895(6)
Space Group No.:	2	***(Å,°)***	α	72.45(3)	β 85.20(3)	γ	86.06(3)

R-Factor (%): 5.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.689



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 872

HEVGIY

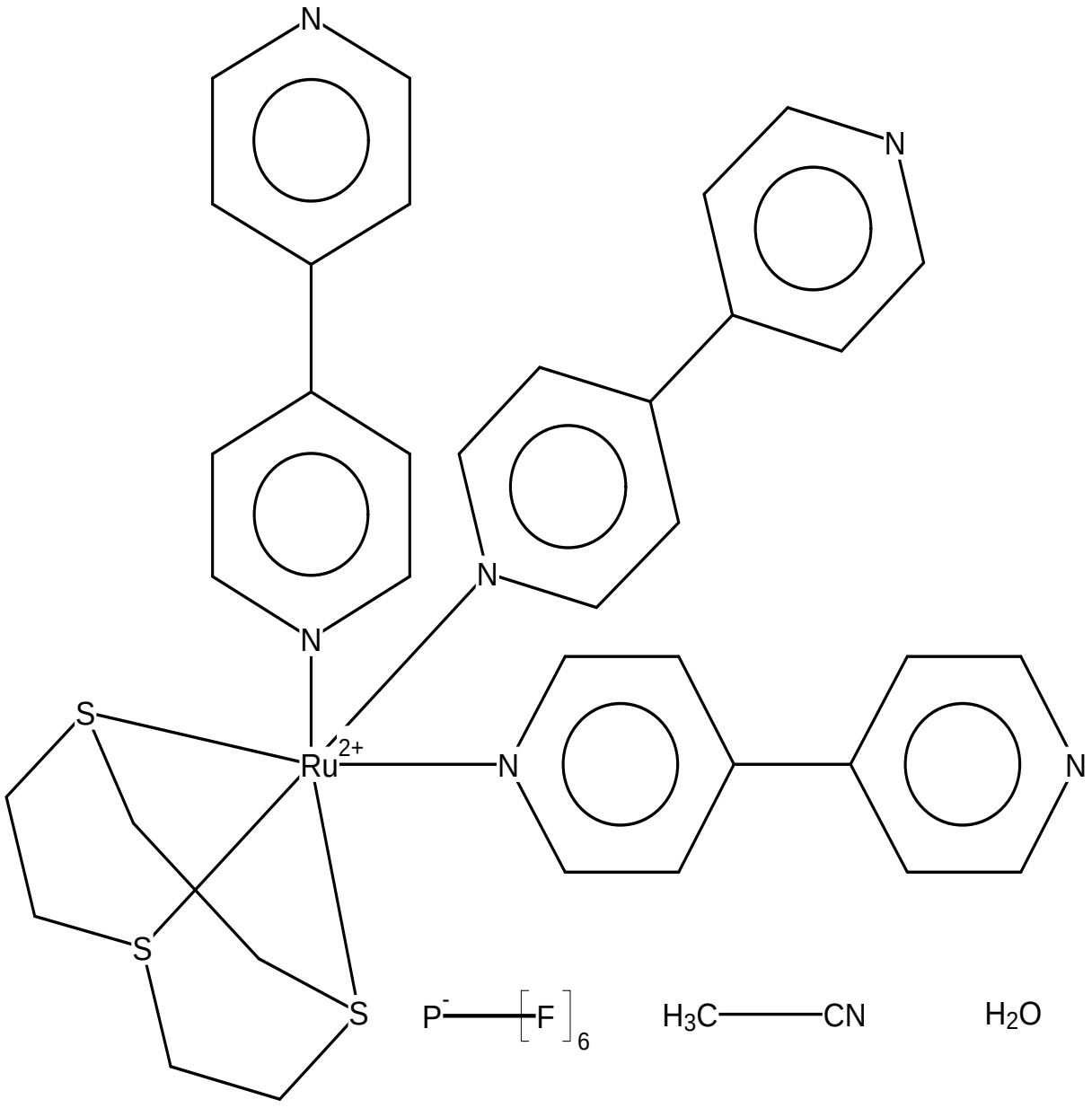
Reference: S.Roche, C.Haslam, H.Adams, S.L.Heath, J.A.Thomas (1998) *Chem.Commun.* ,1681

Formula: $C_{36}\ H_{36}\ N_6\ Ru_1\ S_3\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),$C_2\ H_3\ N_1$,$H_2\ O_1$

Compound Name: tris(4,4'-Bipyridyl)-(1,4,7-trithiacyclononane)-ruthenium bis(hexafluorophosphate) acetonitrile monohydrate

Space Group:	P-1	***Cell:***	***a***	10.991(0)	***b***	13.268(0)	***c*** 16.547(0)
Space Group No.:	2	***(Å,°)***	α	88.51(0)	β	80.77(0)	γ 88.18(0)

R-Factor (%): 6.97 ***Temperature(K):*** 160 ***Density(g/cm^3):*** 1.533



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 873

HEWSOS

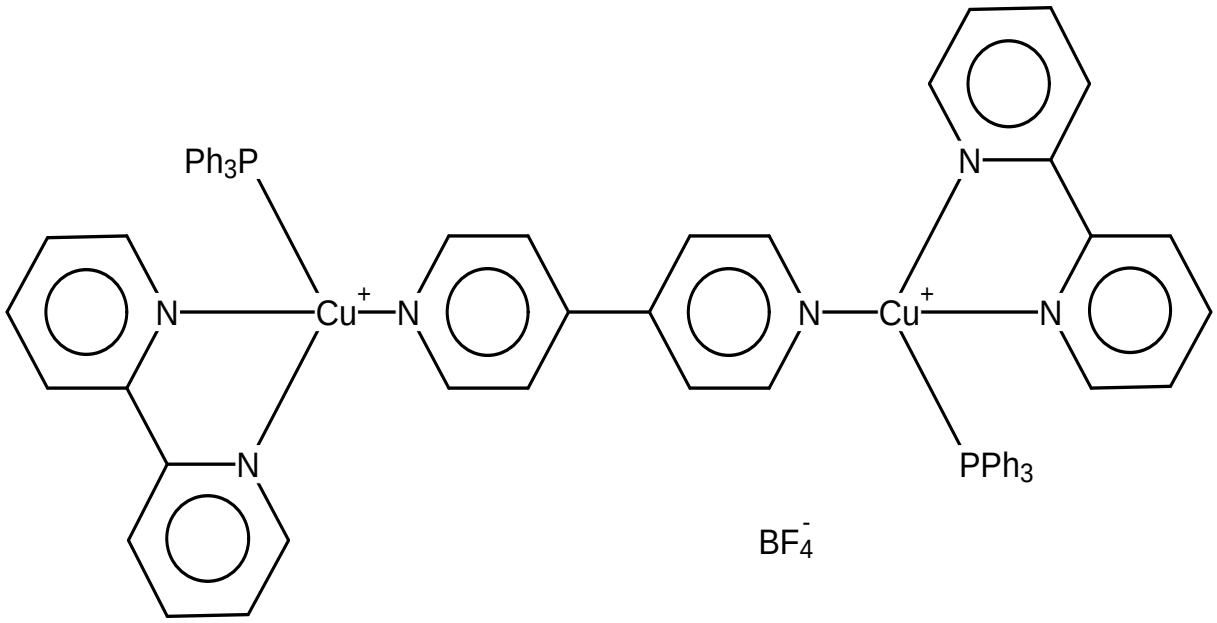
Reference: De-Hui Wang, Li-Qiang Song, Jian-Hua Chen, Yong Chen, Wen-Fu Fu (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**63,**m474

Formula: $C_{66}\ H_{54}\ Cu_2\ N_6\ P_2\ ^{2+},2(B_1\ F_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis((2,2'-bipyridine)-(triphenylphosphine)-copper(i)) bis(tetrafluoroborate)

Space Group:	P21/c	***Cell:***	***a***	10.010(11)	***b***	14.723(17)	***c***	20.210(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.72(1)	γ	90.00

R-Factor (%): 6.02 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.460



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 874

HEXBUI

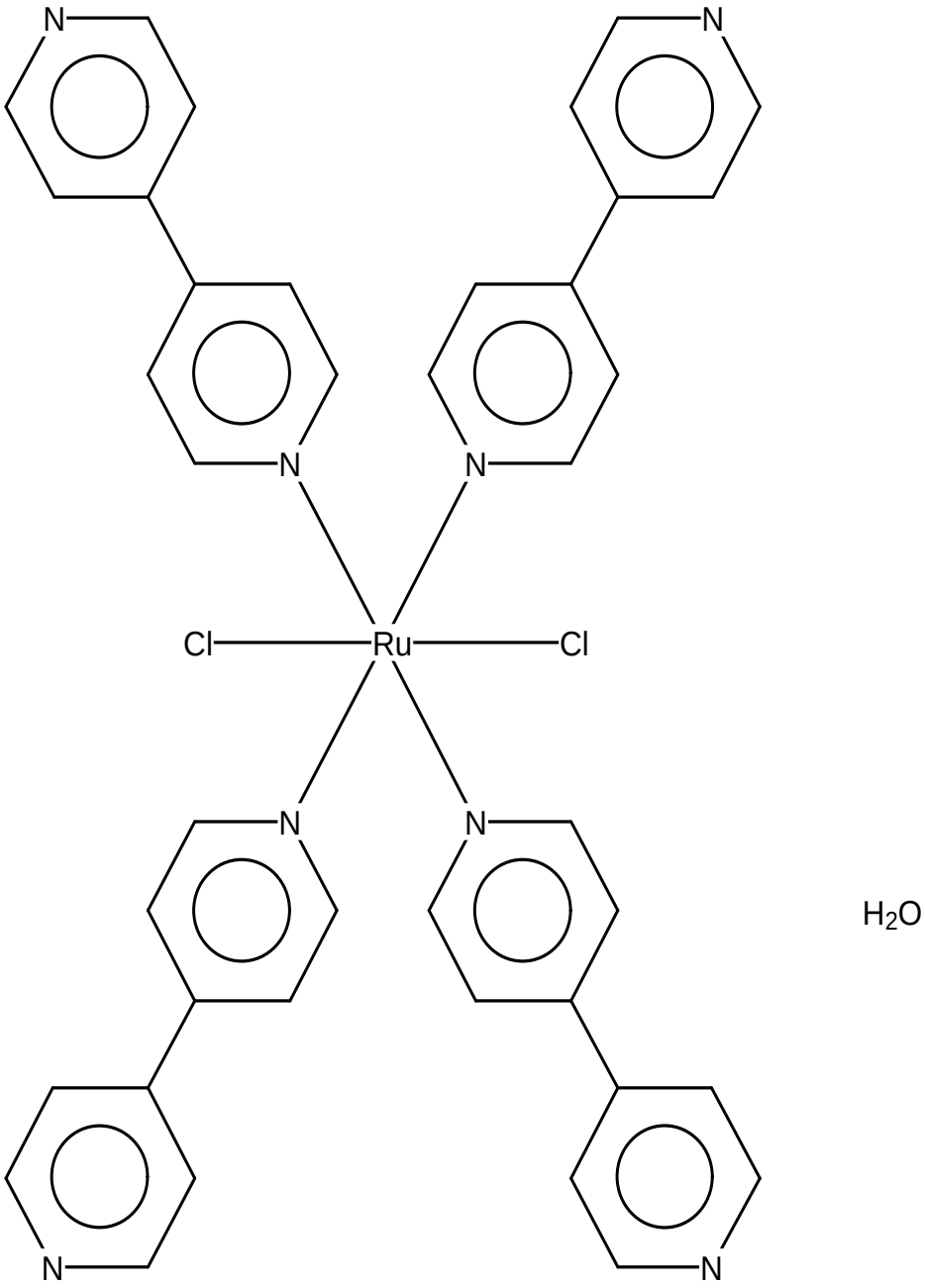
Reference: A.Vertova, I.Cucchi, P.Fermo, F.Porta, D.M.Proserpio, S.Rondinini (2007) *Electrochimica Acta ,***52,**2603

Formula: $C_{40}\ H_{32}\ Cl_2\ N_8\ Ru_1,2(H_2\ O_1)$

Compound Name: trans-dichloro-tetrakis(4,4'-bipyridine-N)-ruthenium(ii) dihydrate

Space Group:	C2/c	***Cell:***	***a***	26.177(5)	***b*** 7.431(2)	***c***	41.281(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.96(2)	γ	90.00

R-Factor (%): 5.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.408



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 875

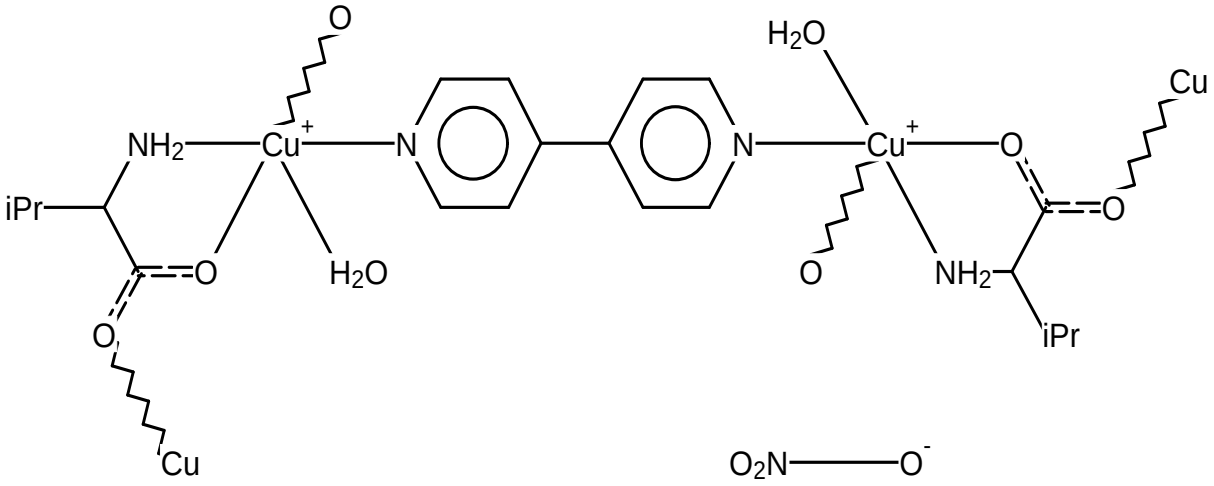
HEYMUU

Reference: Benyong Lou, Xiaodong Huang, Xiangchao Lin (2007) *Z.Anorg.Allg.Chem.* ,**633,**372

Formula: $(C_{20}\ H_{32}\ Cu_2\ N_4\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(bis(μ_2-L-valinato)-(μ_2-4,4'-bipyridine)-diaqua-di-copper(ii) dinitrate)

Space Group:	P21	***Cell:***	***a*** 7.309(0)	***b*** 9.917(0)	***c*** 22.280(1)
Space Group No.:	4	***(Å,°)***	α 90.00	β 96.73(0)	γ 90.00
R-Factor (%):	5.49	***Temperature(K):***	293	***Density(g/cm^3):***	1.399



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 876

HIDTUK

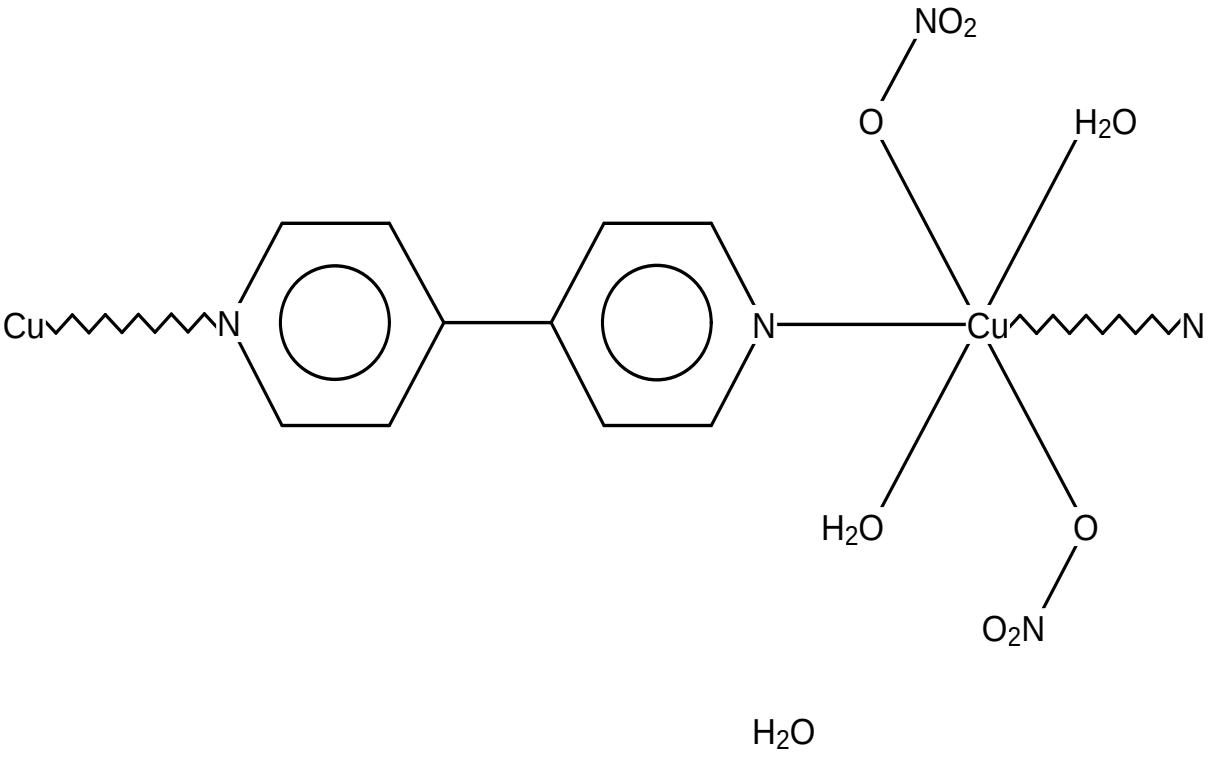
Reference: Xu-Cong Lin, Hua Yin, Yun Lin (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1467

Formula: $(C_{10}\ H_{12}\ Cu_1\ N_4\ O_8)n,0.5n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-bipyridine)-diaqua-dinitrato-copper(ii) hemihydrate]

Space Group:	Pccn	***Cell:***	***a***	12.014(7)	***b***	18.533(8)	***c*** 7.411(3)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.565



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 877

HIFCAB

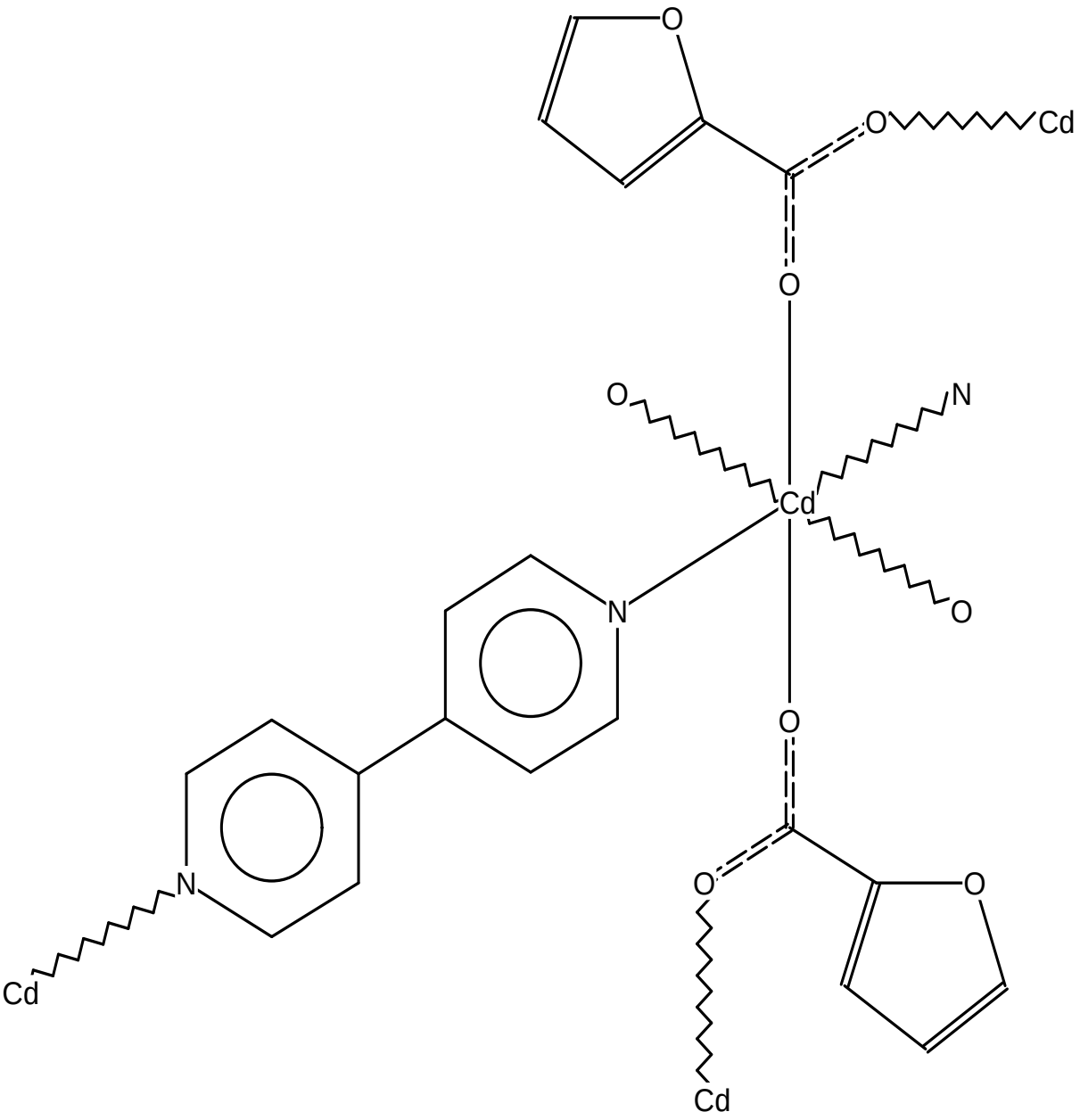
Reference: Man-Sheng Chen, Chun-Hua Zhang, Dai-Zhi Kuang, Yong-Lan Feng, Yi-Fang Deng (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**63,**m1290

Formula: $(C_{20}\ H_{14}\ Cd_1\ N_2\ O_6)n$

Compound Name: catena-[bis(μ_2-Furan-2-carboxylato)-(μ_2-4,4'-bipyridine)-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	16.984(3)	***b*** 11.686(2)	***c***	10.095(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.46(1)	γ	90.00

R-Factor (%): 2.82 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.725



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 878

HIGMIU

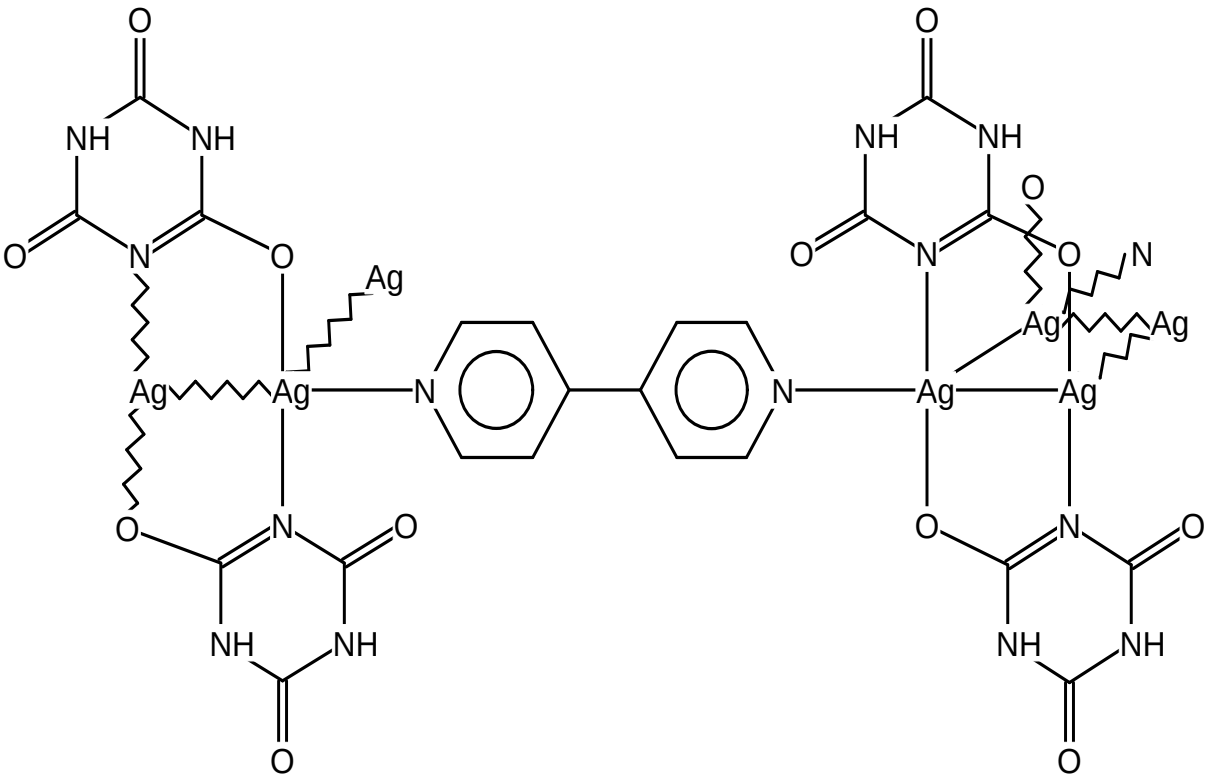
Reference: Jian Zhang, Yi-Cheng Shen, Ye-Yan Qin, Zhao-Ji Li, Yuan-Gen Yao (2007) *CrystEngComm* ,**9,**636

Formula: $(C_{22}\ H_{16}\ Ag_4\ N_{14}\ O_{12})n$

Compound Name: catena-[tetrakis(μ_2-Isocyanurato)-(μ_2-4,4'-bipyridyl)-tetra-silver(i)]

Space Group:	P-1	***Cell:***	***a***	6.748(0)	***b***	10.492(0)	***c***	11.499(0)
Space Group No.:	2	***(Å,°)***	α	64.74(0)	β	87.56(0)	γ	74.00(0)

R-Factor (%): 2.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.590



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 879

HIGMOA

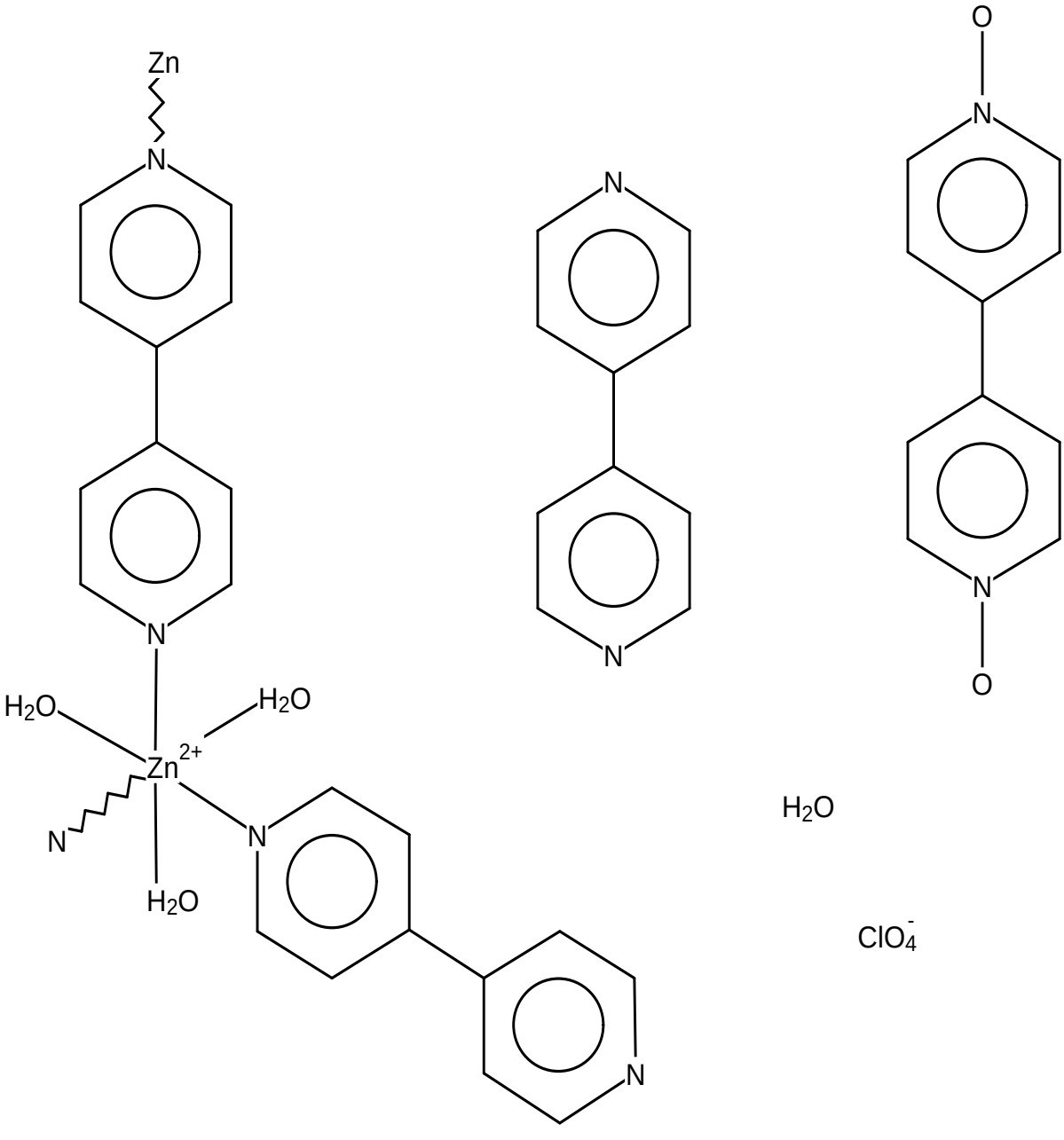
Reference: Hui-Hua Song, Bao-Qing Ma (2007) *CrystEngComm* ,**9,** 625

Formula: $(C_{20}\ H_{22}\ N_4\ O_3\ Zn_1\ ^{2+})n,n(C_{10}\ H_8\ N_2),2n(Cl_1\ O_4\ ^{1-}),0.5n(C_{10}\ H_8\ N_2\ O_2),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-triaqua-(4,4'-bipyridyl)-zinc(ii) 4,4-bipyridyl hemikis(4,4'-bipyridyl-N,N'-dioxide) diperchlorate tetrahydrate]

Space Group:	P-1	***Cell:***	***a*** 11.508(1)	***b*** 19.262(2)	***c*** 20.466(2)
Space Group No.:	2	***(Å,°)***	α 108.10(0)	β 104.84(0)	γ 91.30(0)

R-Factor (%): 5.28 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 880

HIGNUH

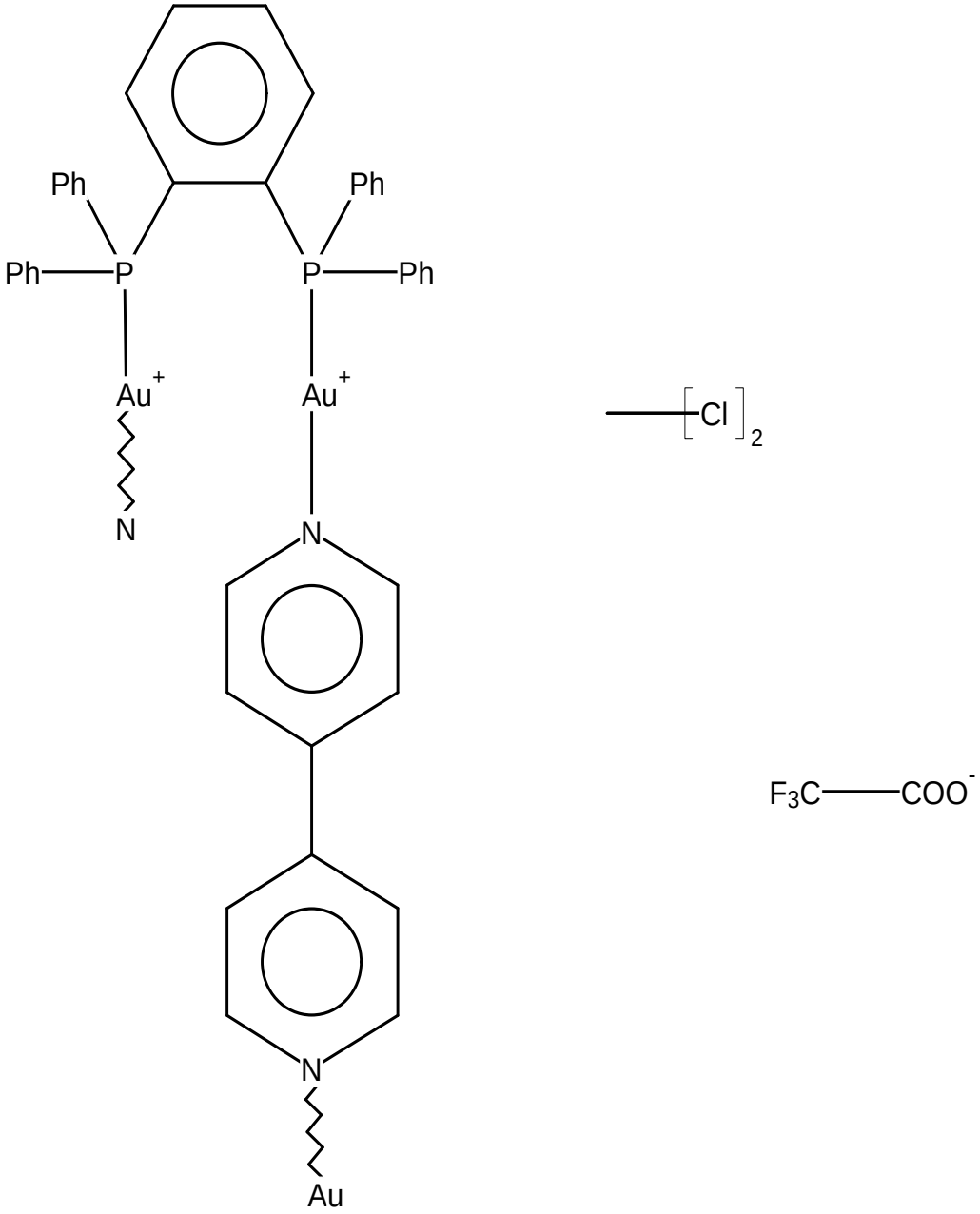
Reference: A.Deak, T.Tunyogi, G.Tarkanyi, P.Kiraly, G.Palinkas (2007) *CrystEngComm* ,**9,**640

Formula: $(C_{40}\ H_{32}\ Au_2\ N_2\ P_2\ ^{2+})n,n(C_1\ H_2\ Cl_2),2n(C_2\ F_3\ O_2\ ^{1-})$

Compound Name: catena-[(μ_2-Phenylene-1,2-bis(diphenylphosphine))-(μ_2-4,4'-bipyridyl)-di-gold(i) bis(trifluoroacetate) dichloromethane solvate]

Space Group:	I-42d	***Cell:***	***a***	19.827(2)	***b***	19.827(2)	***c***	22.206(3)
Space Group No.:	122	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.34 ***Temperature(K):*** 103 ***Density(g/cm^3):*** 1.990



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 881

HIHFOT

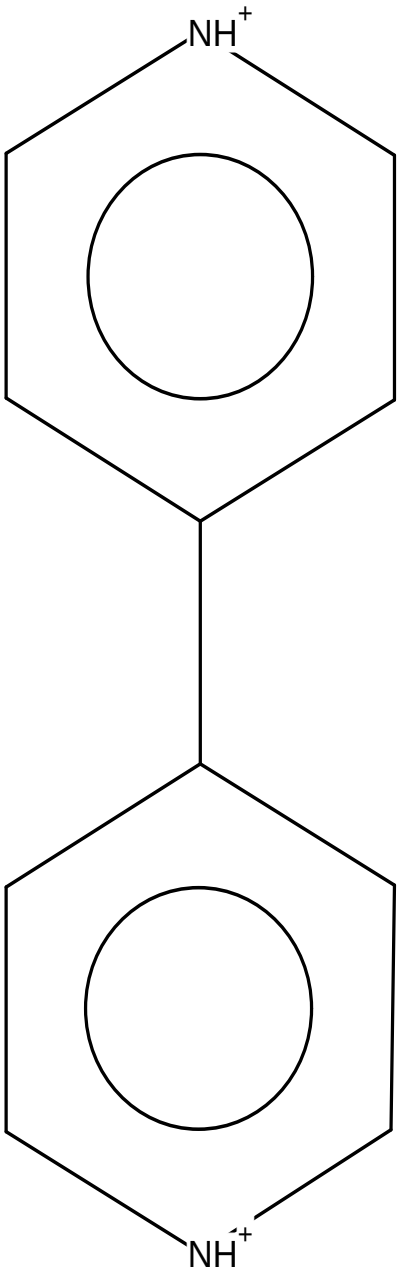
Reference: P.A.Lorenzo Luis, P.Martin-Zarza, P.Gili, C.Ruiz-Perez, M.Hernandez-Molina, X.Solans (1996)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**52,**1441

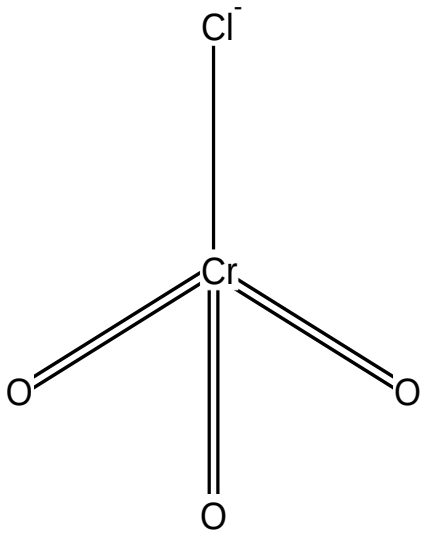
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,2($Cl_1\,Cr_1\,O_3\,^{1-}$)

Compound Name: 4,4'-Bipyridinedi-ium bis(chloro-trioxo-chromium(vi))

Space Group:	P21/n	***Cell:***	***a***	11.871(2)	***b***	11.586(3)	***c***	5.707(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.75(2)	γ	90.00

R-Factor (%): 5.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.837





Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 882

HILXAC

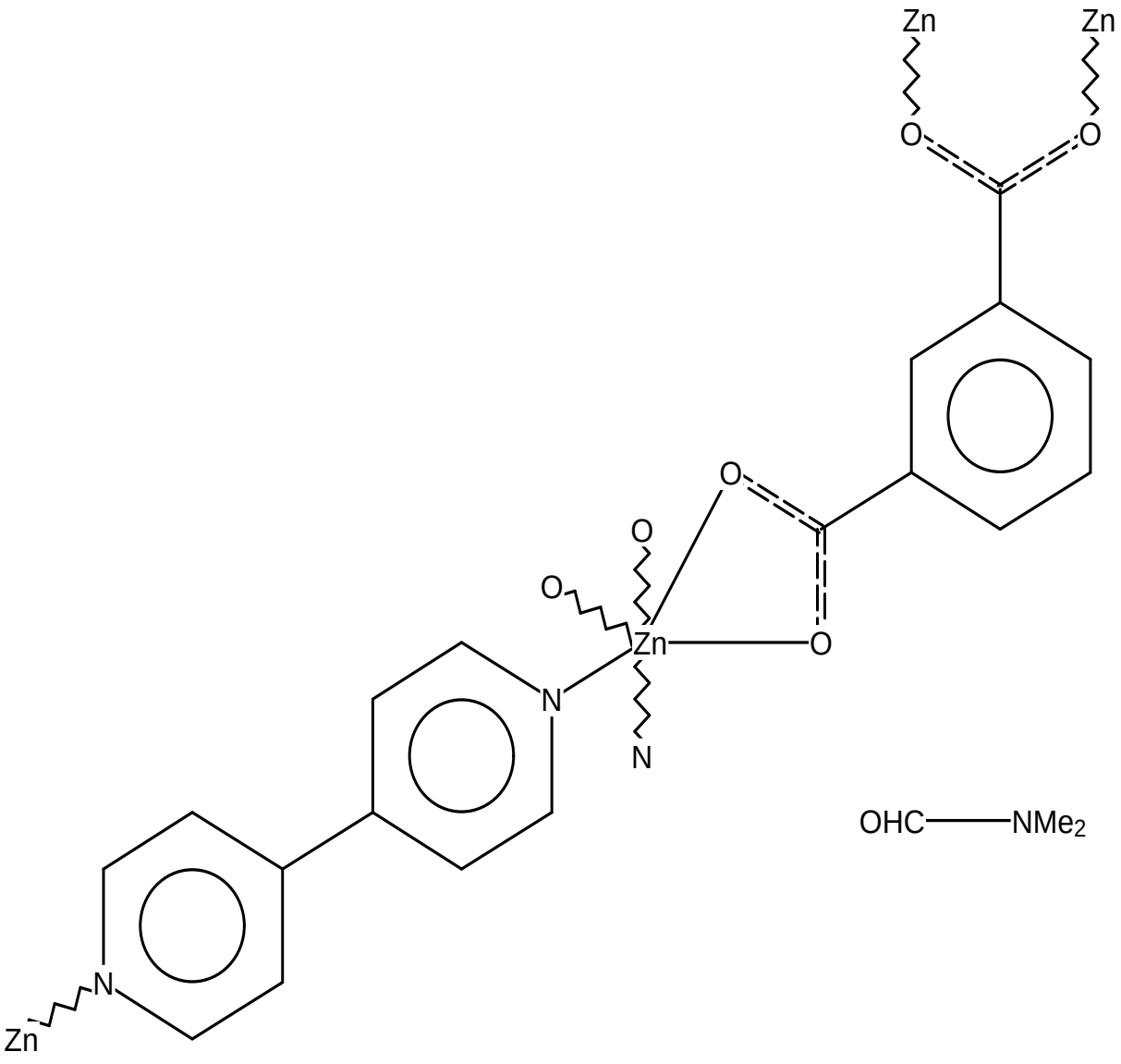
Reference: S.Horike, D.Tanaka, K.Nakagawa, S.Kitagawa (2007) *Chem.Commun.* ,3395

Formula: $(C_{18}\ H_{12}\ N_2\ O_4\ Zn_1)n,0.5n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_3-Benzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridine)-zinc dimethylformamide clathrate)

Space Group:	P2/c	***Cell:***	***a***	10.082(5)	***b*** 11.384(5)	***c***	15.744(8)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.92(0)	γ	90.00

R-Factor (%): 6.00 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.599



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 883

HIMSAY

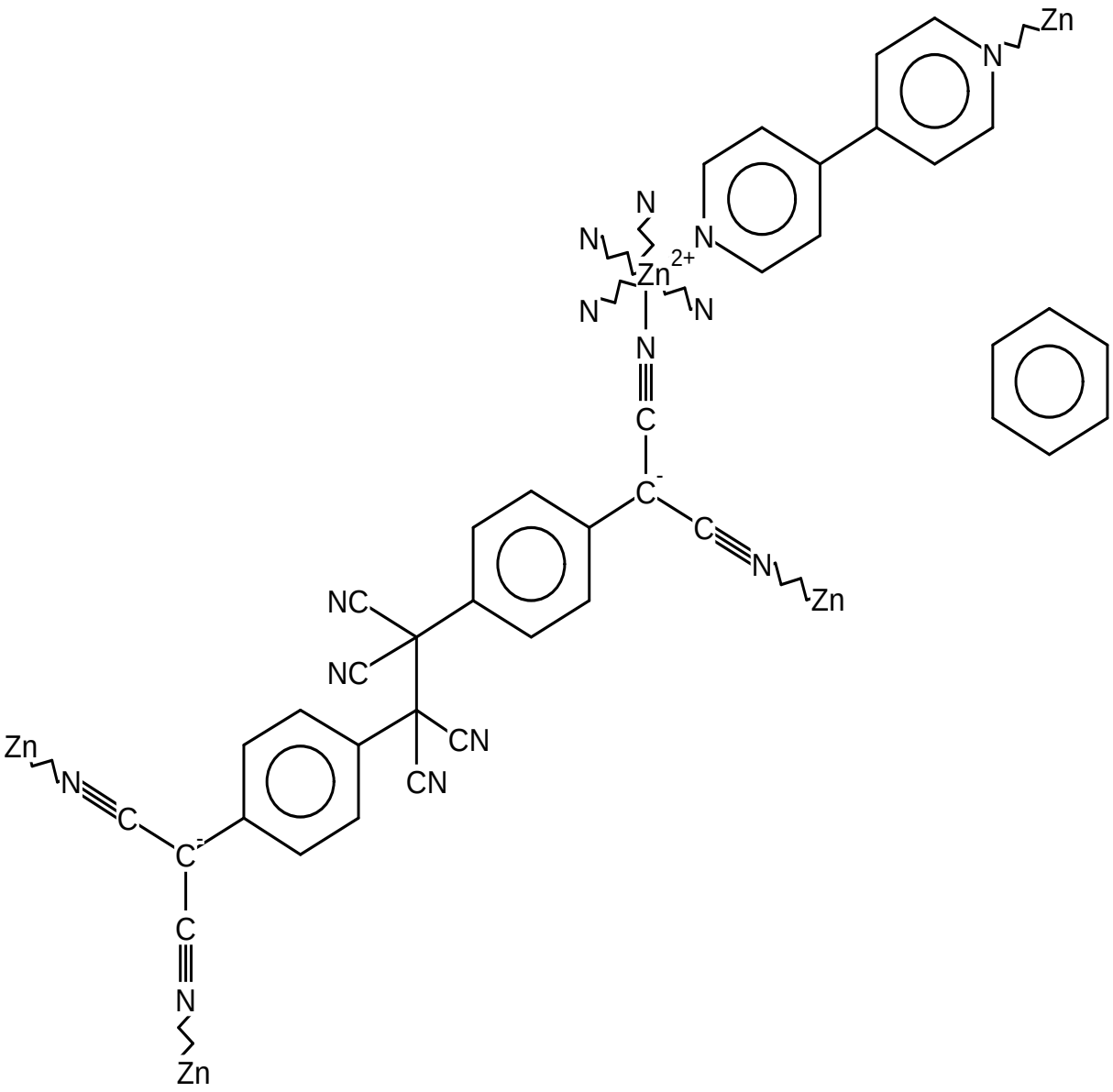
Reference: S.Shimomura, S.Horike, R.Matsuda, S.Kitagawa (2007) *J.Am.Chem.Soc. ,***129,**10990

Formula: $(C_{34}\ H_{16}\ N_{10}\ Zn_1)n,n(C_6\ H_6)$

Compound Name: catena-((μ_4-1,2-bis(4-(Dicyanomethylidenyl)phenyl)-1,1,2,2-tetracyanoethane)-(μ_2-4,4'-bipyridine)-zinc(ii) benzene clathrate)

Space Group:	Pccm	***Cell:***	***a***	11.361(5)	***b***	12.645(6)	***c*** 14.775(7)
Space Group No.:	49	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.86 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.108



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 884

HINYUY

Reference: Zhongjia Tang, A.M.Guloy (1999) *J.Am.Chem.Soc.* ,**121,** 452

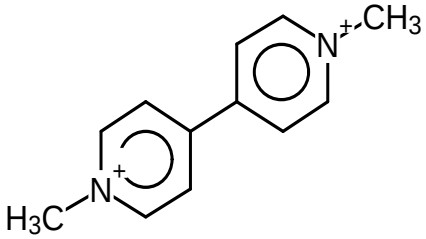
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})3n,n(I_{18}\ Pb_6\ ^{6-})$

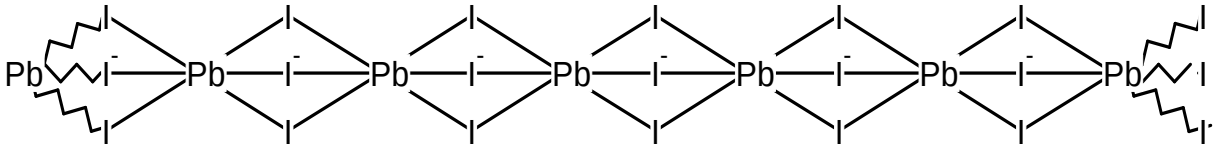
Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium bis(tris(μ_2-iodo)-lead(ii)))

Synonym: Methylviologen

Space Group:	R-3r	***Cell:***	***a***	12.373(0)	***b***	12.373(0)	***c***	12.373(0)
Space Group No.:	148	***(Å,°)***	α	79.96	β	79.96	γ	79.96

R-Factor (%): 9.51 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 3.736





Search: search1 (Thu May 26 10:05:42 2011): Hit 885

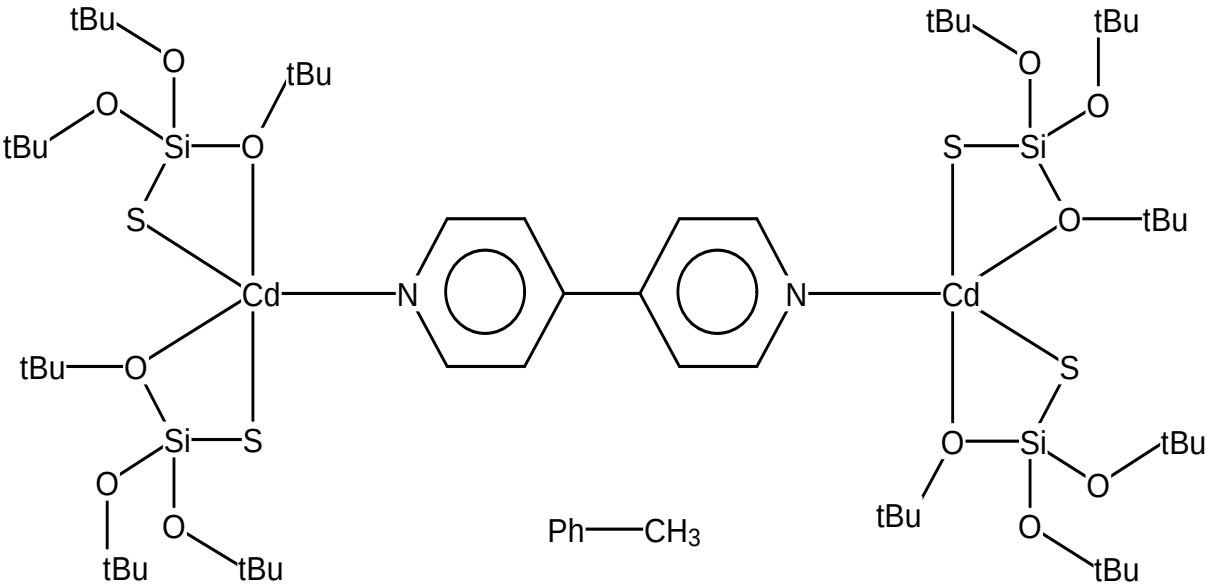
HIQMIE

Reference: A.Dolega, K.Baranowska, A.Pladzyk (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m3072

Formula: $C_{58}\ H_{116}\ Cd_2\ N_2\ O_{12}\ S_4\ Si_4,2(C_7\ H_8)$

Compound Name: (μ_2-4,4'-Bipyridyl-κ^2N:N')-tetrakis(tri-t-butoxysilanethiolato-κ^2S,O)-di-cadmium(ii) toluene solvate

Space Group:	P21/c	***Cell:***	***a***	9.809(0)	***b***	19.429(0)	***c*** 23.184(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.36(0)	γ 90.00
R-Factor (%):	2.73	***Temperature(K):***	120		***Density(g/cm^3):***		1.269



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 886

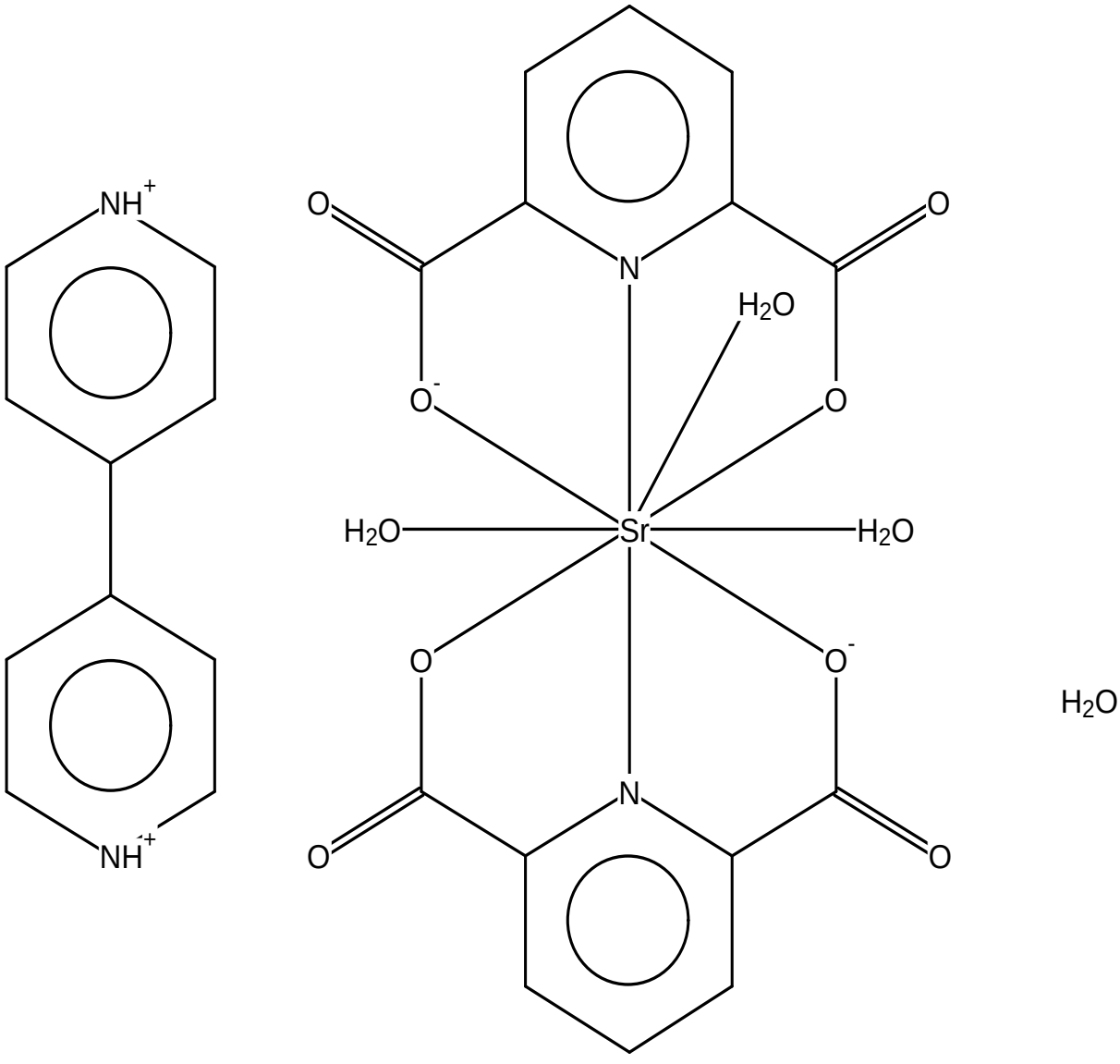
HIQPON

Reference: J.Soleimannejad, H.Aghabozorg, S.Hooshmand, H.Adams (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,**m3089

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_{14}\,H_{12}\,N_2\,O_{11}\,Sr_1\,^{2-},3(H_2\,O_1)$

Compound Name: 4,4'-Bipyridinediium triaqua-bis(pyridine-2,6-dicarboxylato)-strontium(ii) trihydrate

Space Group:	P-1	***Cell:***	***a***	6.999(0)	***b***	11.688(0)	***c*** 17.975(0)
Space Group No.:	2	***(Å,°)***	α	104.12(0)	β	100.98(0)	γ 95.90(0)
R-Factor (%):	2.67	***Temperature(K):***	296	***Density(g/cm^3):***	1.643		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 887

HIRZUD

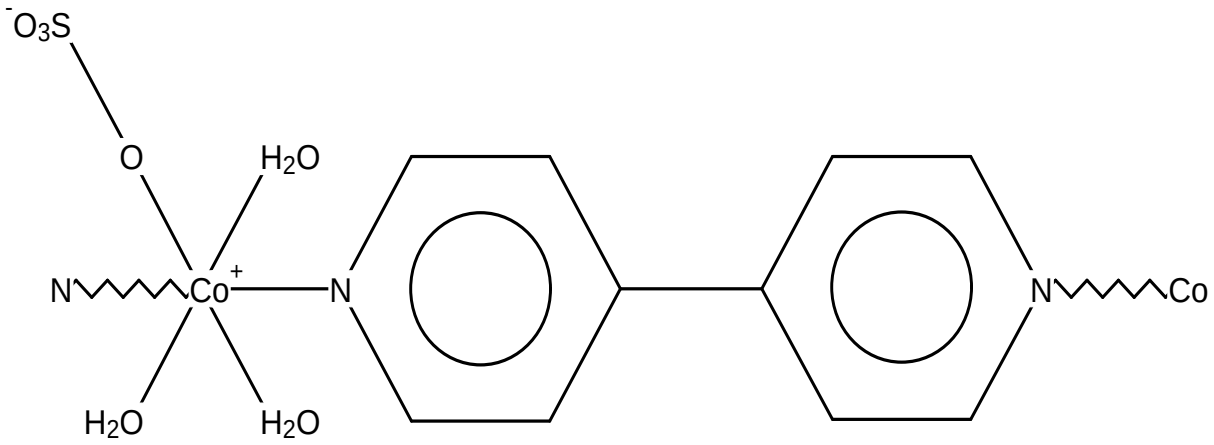
Reference: Jian Lu, C.Yu, Tianyan Niu, T.Paliwala, G.Crisci, F.Somosa, A.J.Jacobson (1998) *Inorg.Chem.* ,**37,**4637

Formula: $(C_{10}\ H_{14}\ Co_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-triaqua-sulfato-cobalt(ii) dihydrate)

Space Group:	P65	***Cell:***	***a***	11.435(2)	***b***	11.435(2)	***c*** 20.886(4)
Space Group No.:	170	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.690



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 888

HIRZUD01

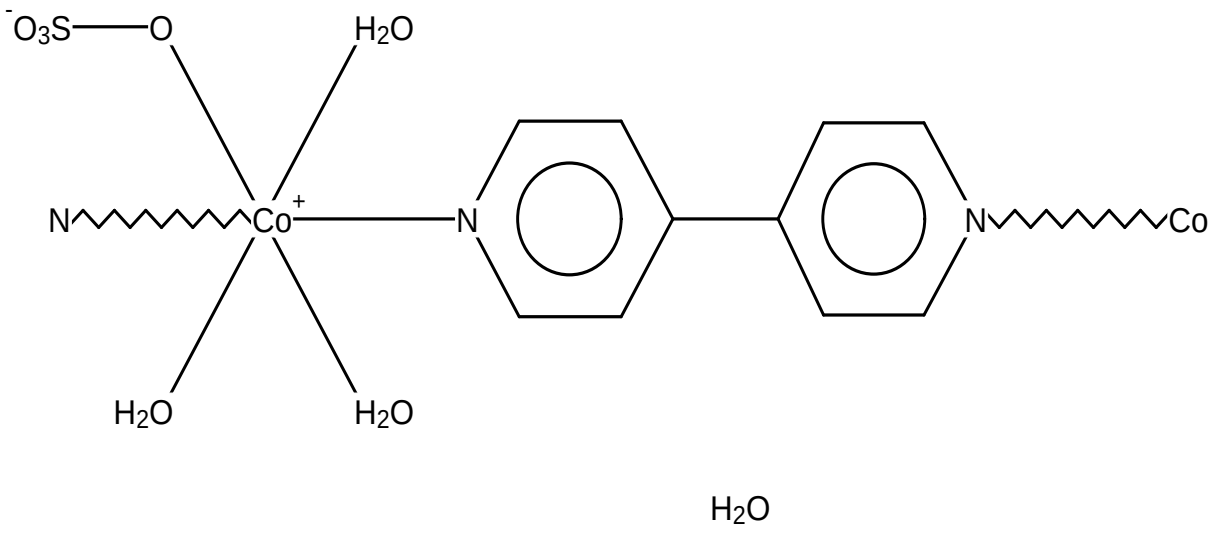
Reference: S.Luachan, C.Pakawatchai, A.Rujiwatra (2007)
*J.Inorg.Organomet.Polym.Mater. ,***17,**561

Formula: $(C_{10}\ H_{14}\ Co_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-triaqua-sulfato-cobalt(ii) dihydrate)

Space Group:	P65	***Cell:***	***a***	11.429(0)	***b***	11.429(0)	***c*** 20.898(1)
Space Group No.:	170	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.77 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.691



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 889

HISBAM

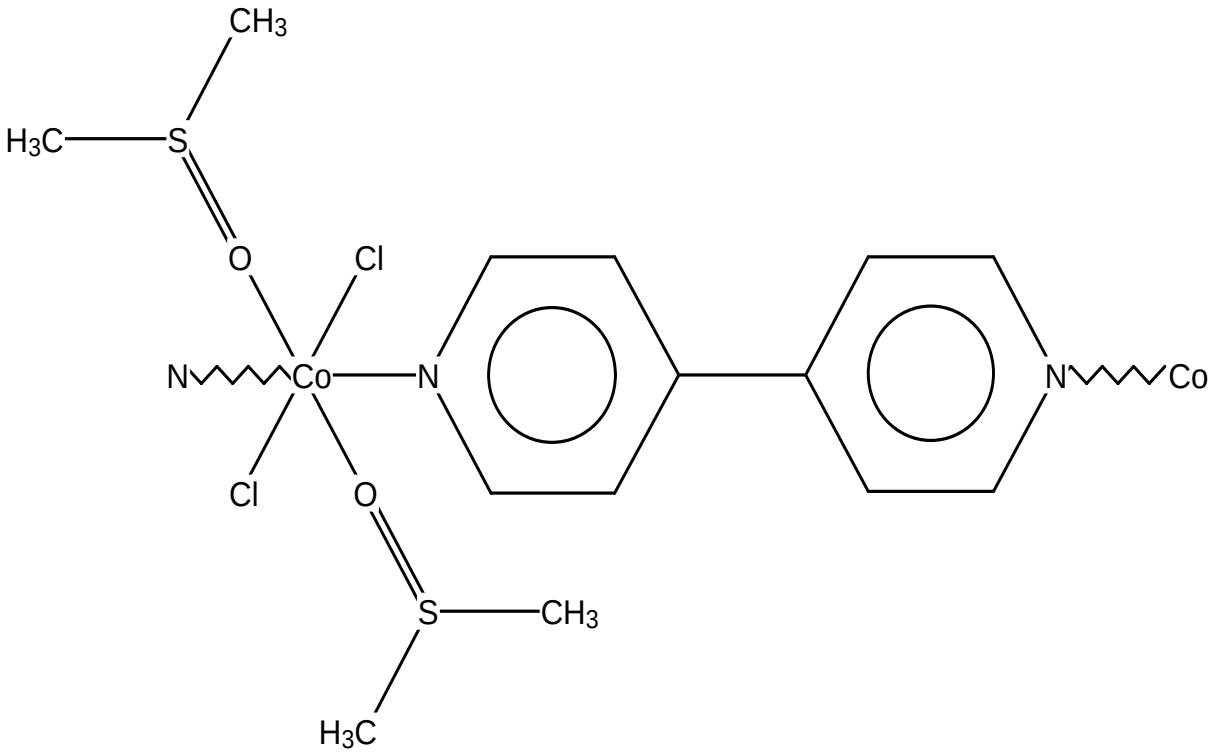
Reference: Jian Lu, C.Yu, Tianyan Niu, T.Paliwala, G.Crisci, F.Somosa, A.J.Jacobson (1998) *Inorg.Chem.* ,**37,**4637

Formula: $(C_{14}\ H_{20}\ Cl_2\ Co_1\ N_2\ O_2\ S_2)n$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-dichloro-bis(dimethylsulfoxide)-cobalt(ii))

Space Group:	Pbcn	***Cell:***	***a***	11.470(2)	***b***	11.390(2)	***c*** 14.753(1)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 890

HISBEQ

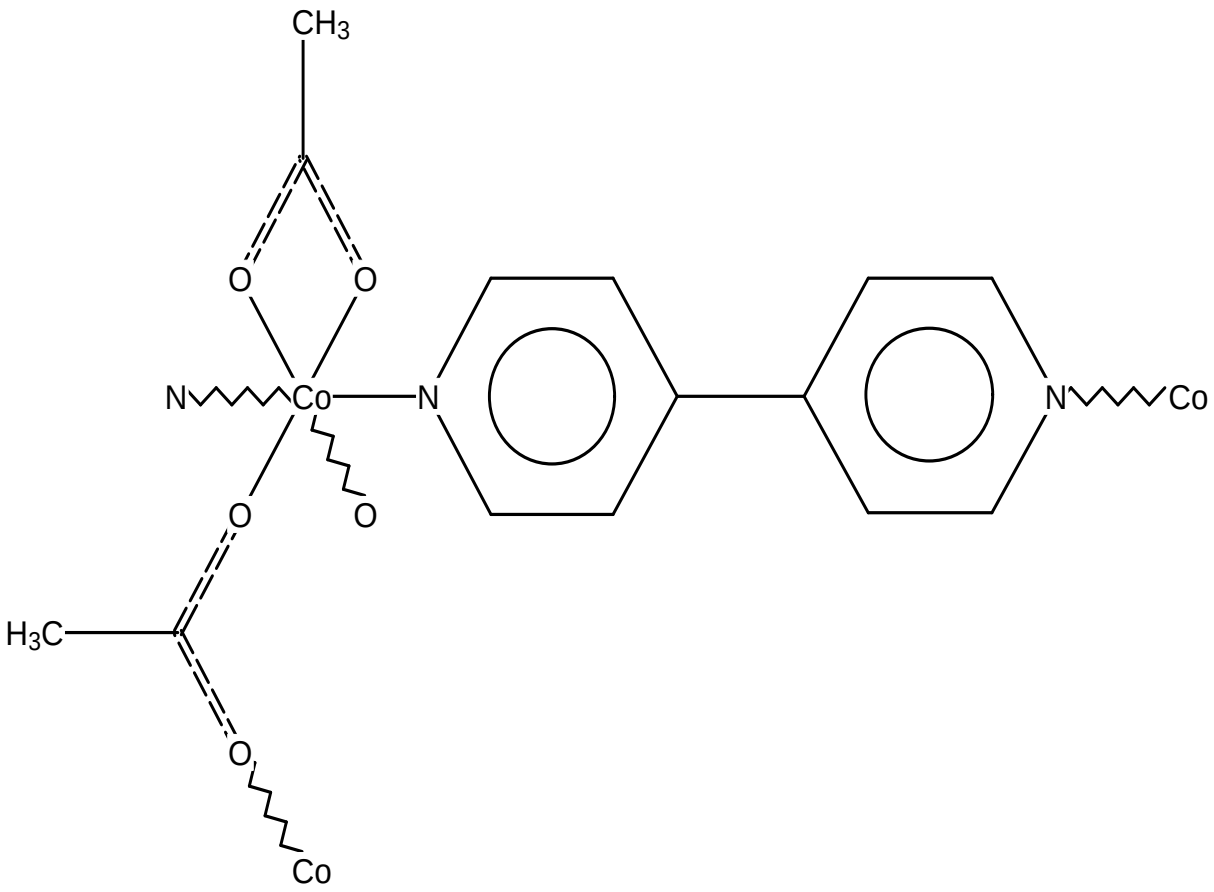
Reference: Jian Lu, C.Yu, Tianyan Niu, T.Paliwala, G.Crisci, F.Somosa, A.J.Jacobson (1998) *Inorg.Chem.* ,**37,**4637

Formula: $(C_{14}\ H_{14}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-(μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridyl)-(acetato-O,O')-cobalt(ii))

Space Group:	P-1	***Cell:***	***a***	7.996(1)	***b***	9.128(1)	***c*** 10.676(1)
Space Group No.:	2	***(Å,°)***	α	109.79(1)	β	99.90(1)	γ 100.98(1)

R-Factor (%): 2.56 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.590



Search: search1 (Thu May 26 10:05:42 2011): Hit 891

HISWAI

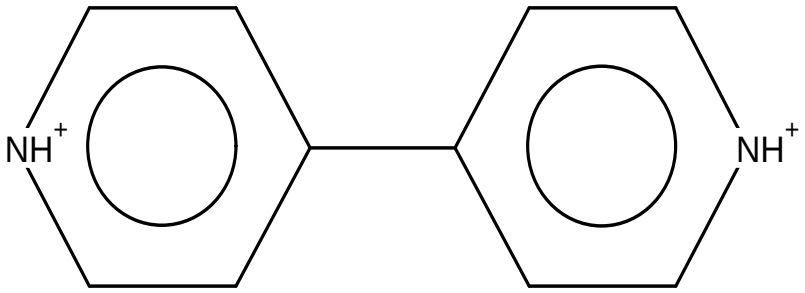
Reference: A.Kochel (2007) *Inorg.Chem.Commun.* ,**10,**1440

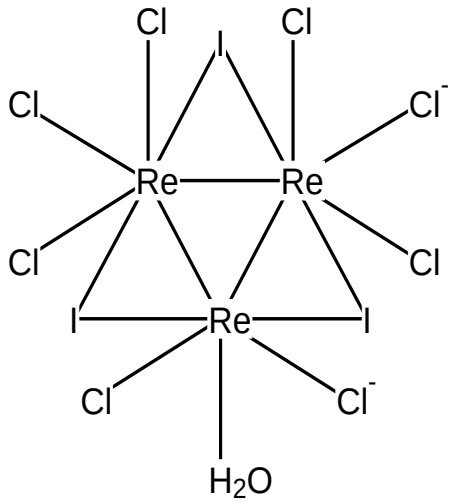
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},H_2\,Cl_8\,I_3\,O_1\,Re_3\,^{2-},2(H_2\,O_1)$

Compound Name: 4,4'-Bipyridinium tris(μ_2-iodo)-aqua-octachloro-tri-rhenium dihydrate

Space Group:	Pnma	***Cell:***	***a***	19.103(5)	***b***	14.513(7)	***c*** 9.881(4)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.59 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 3.480





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 892

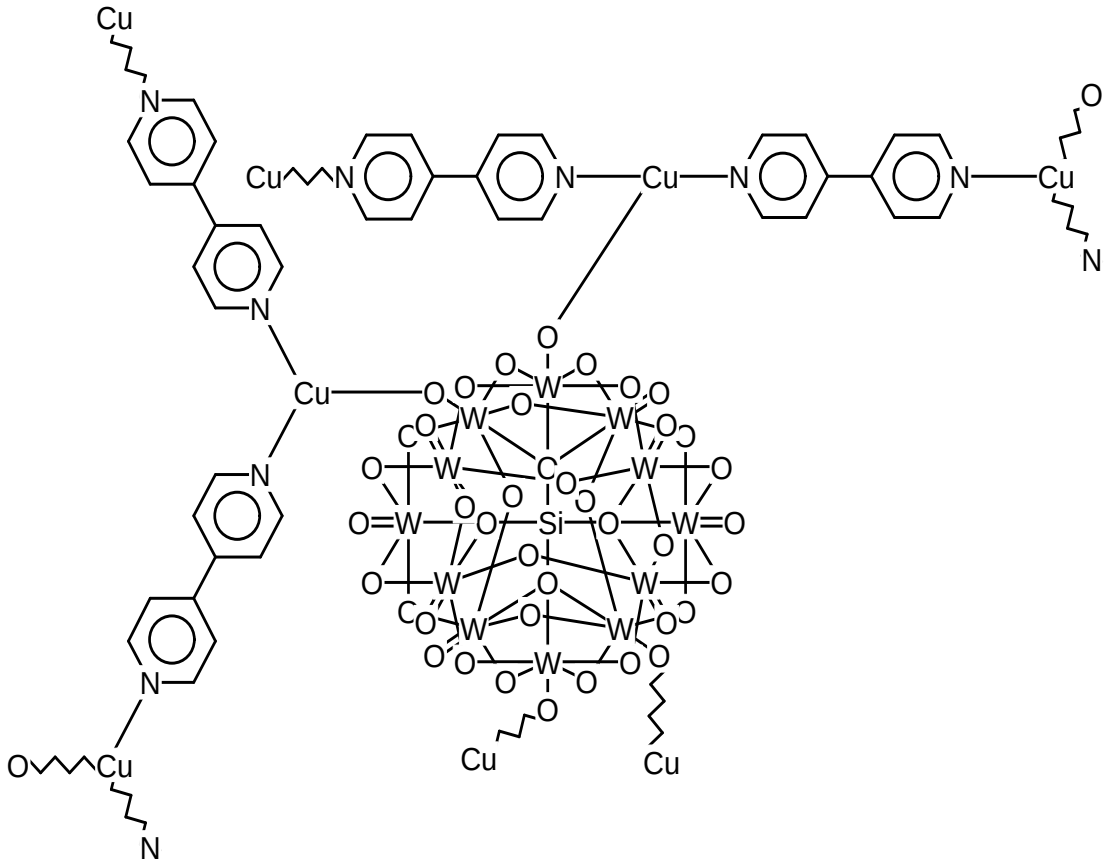
HISXAJ

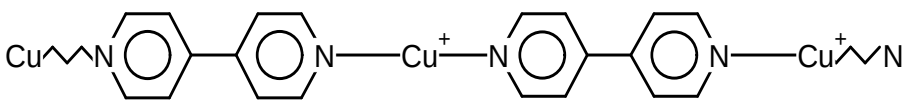
Reference: Ming-xue Li, Juan Du, Jing-Ping Wang, Jing-Yang Niu (2007) *Inorg.Chem.Commun.* ,**10,**1391

Formula: $(C_{40}\ H_{32}\ Cu_4\ N_8\ O_{40}\ Si_1\ W_{12})n,n(C_{20}\ H_{16}\ Cu_2\ N_4\ ^{2+}),2n(H_1\ O_1\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-di-copper (μ_{12}-silicato)-tetrakis(μ_2-4,4'-bipyridine-N,N')-octacosakis(μ_2-oxo)-octaoxo-dodeca-tungsten dihydroxide monohydrate)

Space Group:	P-1	***Cell:***	***a*** 10.860(9)	***b*** 14.297(6)	***c*** 15.793(7)
Space Group No.:	2	***(Å,°)***	α 113.74(0)	β 106.13(0)	γ 98.38(0)
R-Factor (%):	7.37	***Temperature(K):***	293	***Density(g/cm^3):***	3.419





OH^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 893

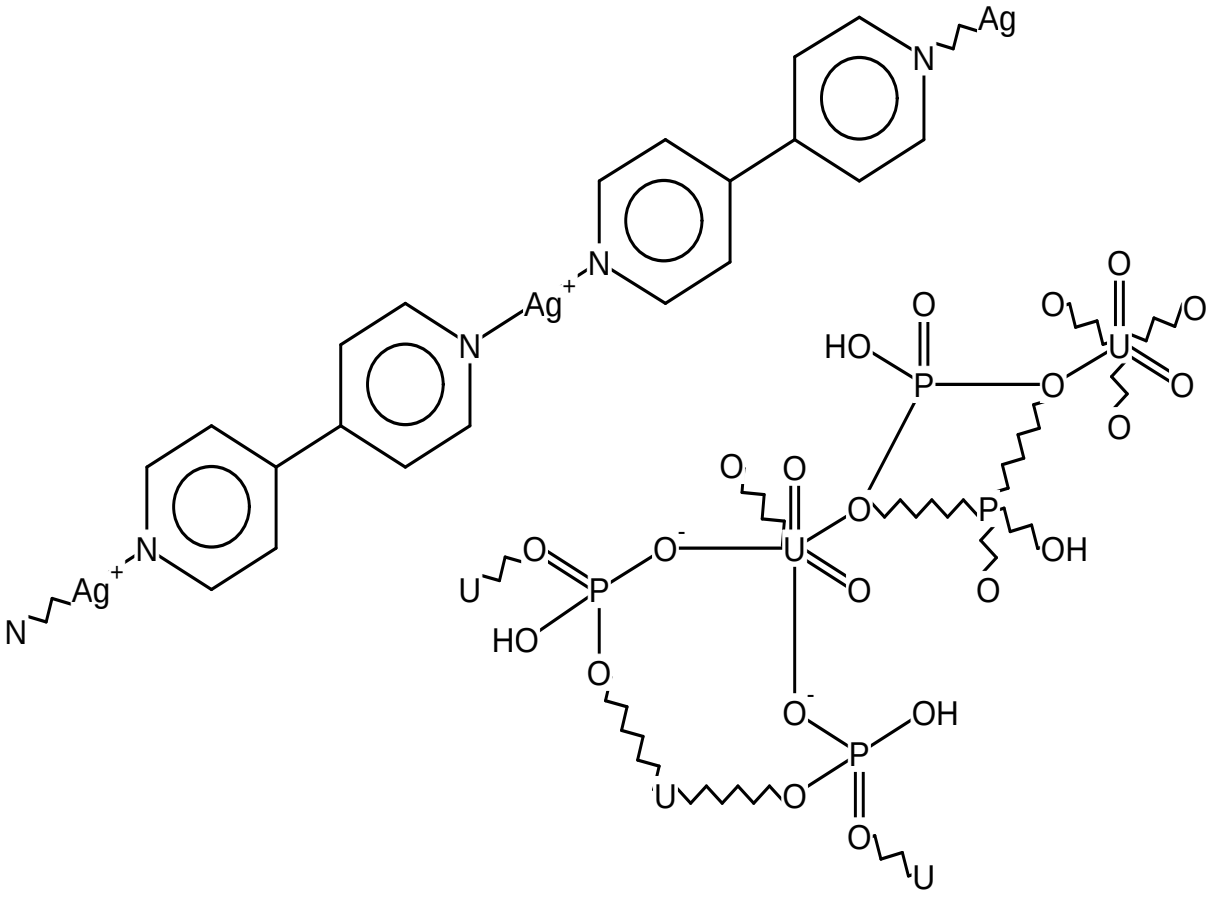
HIWHEB

Reference: Yaqin Yu, Wei Zhan, T.E.Albrecht-Schmitt (2007)
*Inorg.Chem. ,***46,**10214

Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+})n,n(H_3\ O_{16}\ P_3\ U_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-di-silver bis(μ_3-hydrogen phosphato)-(μ_2-hydrogen phosphato)-tetroxo-di-uranium(vi))

Space Group:	P-1	***Cell:***	***a***	7.034(0)	***b*** 10.693(0)	***c***	11.130(0)
Space Group No.:	2	***(Å,°)***	α	93.68(0)	β 106.91(0)	γ	107.03(0)
R-Factor (%):	3.82	***Temperature(K):***	193		***Density(g/cm^3):***		2.980



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 894

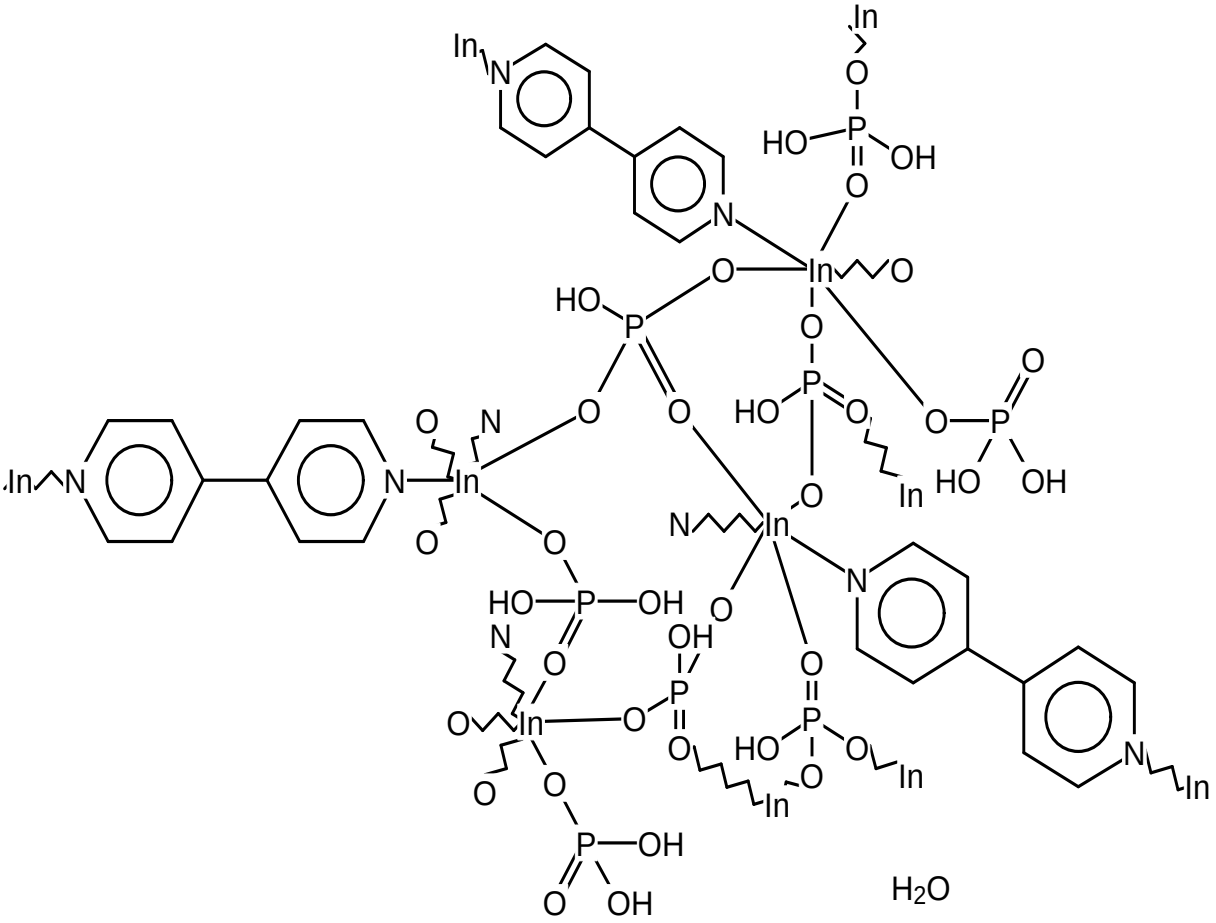
HIWLOO

Reference: Kwang-Hwa Lii, Yuh-Feng Huang (1999) *Inorg.Chem.* ,**38,** 1348

Formula: $(C_{30}\ H_{36}\ In_4\ N_6\ O_{32}\ P_8)n,4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_3-Hydrogen phosphato)-tris(μ_2-4,4'-bipyridyl)-bis(μ_2-dihydrogen phosphato)-bis(dihydrogen phosphato)-tetra-indium tetrahydrate)

Space Group:	P-1	***Cell:***	***a*** 10.543(0)	***b*** 11.635(0)	***c*** 11.730(0)
Space Group No.:	2	***(Å,°)***	α 110.12(0)	β 100.45(0)	γ 104.34(0)
R-Factor (%):	5.17	***Temperature(K):***	295	***Density(g/cm^3):***	2.351



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 895

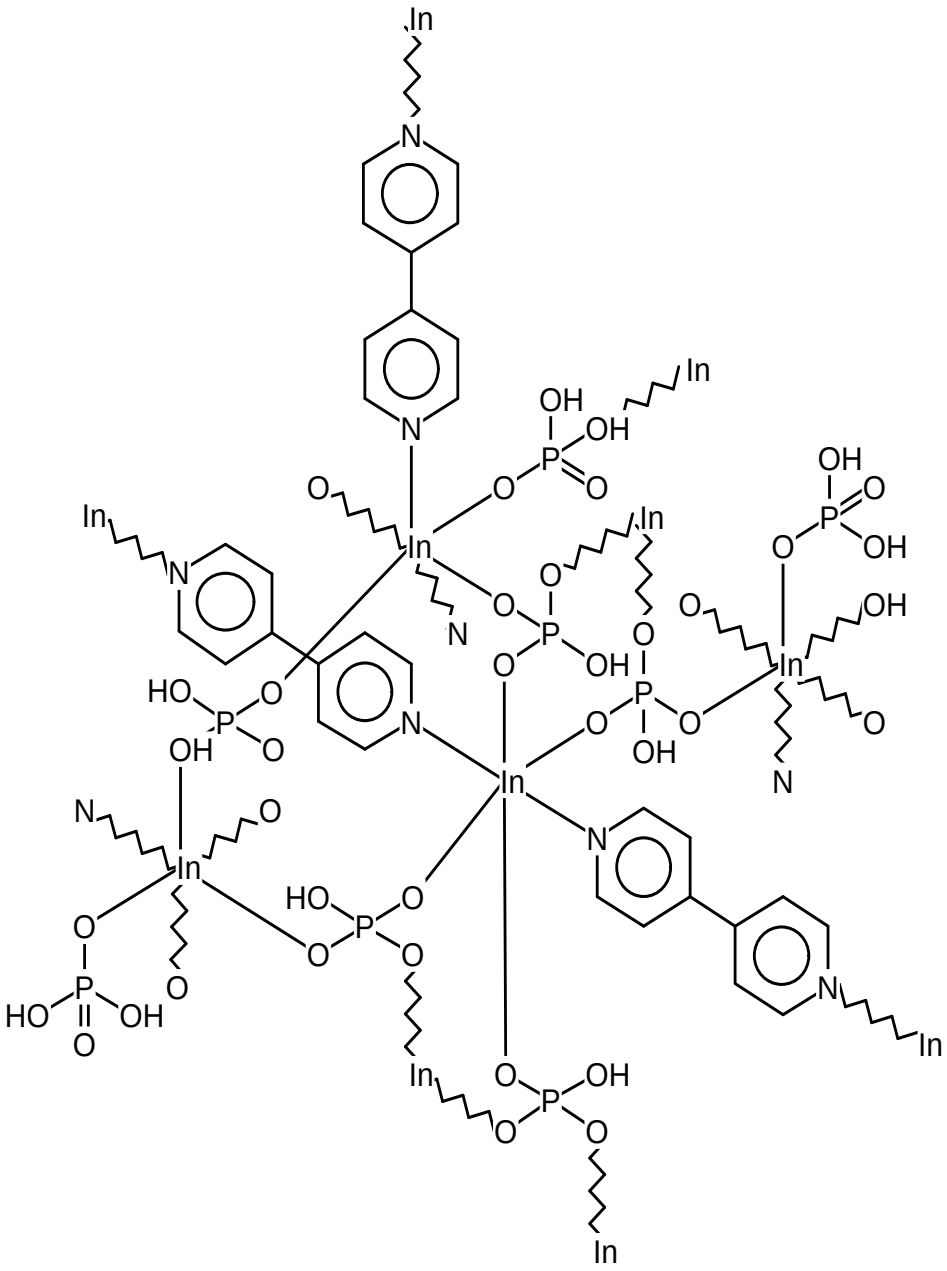
HIWLUU

Reference: Kwang-Hwa Lii, Yuh-Feng Huang (1999) *Inorg.Chem.* ,**38,** 1348

Formula: $(C_{30}\ H_{36}\ In_4\ N_6\ O_{32}\ P_8)n$

Compound Name: catena-(tetrakis(μ_3-Hydrogen phosphato)-tris(μ_2-4,4-bipyridyl)-bis(μ_2-dihydrogen phosphate)-bis(dihydrogen phosphate)-tetra-indium)

Space Group:	P-1	***Cell:***	***a*** 10.431(0)	***b*** 11.472(0)	***c*** 11.778(0)
Space Group No.:	2	***(Å,°)***	α 112.26(0)	β 99.09(0)	γ 102.32(0)
R-Factor (%):	7.02	***Temperature(K):***	295	***Density(g/cm^3):***	2.296



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 896

HOGJES

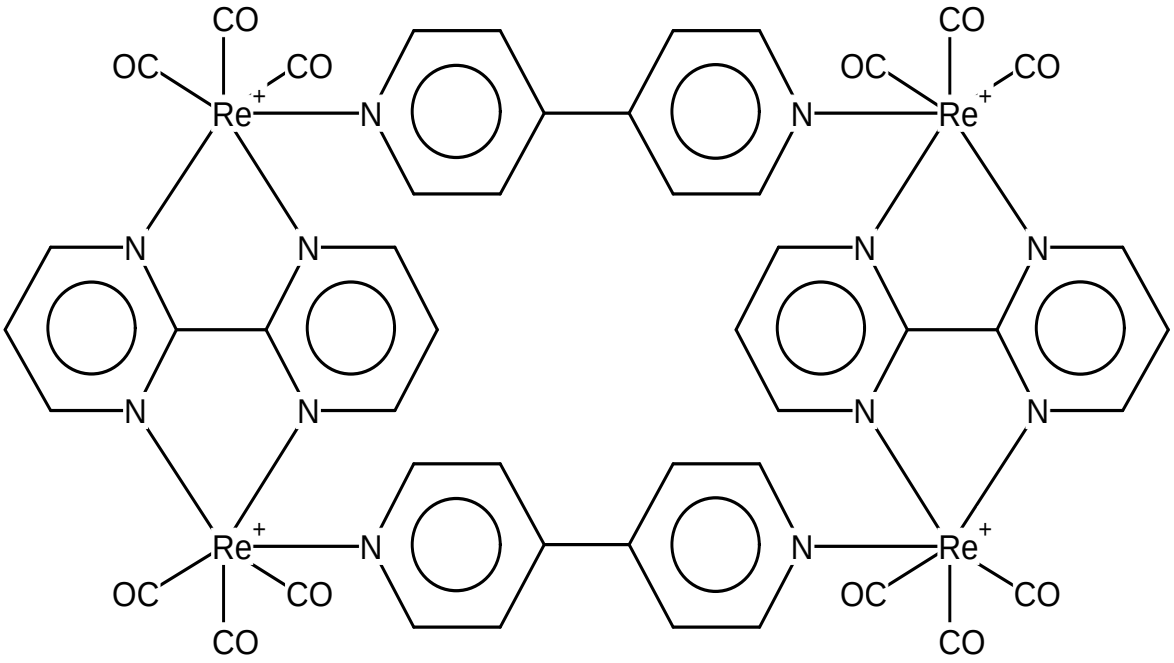
Reference: K.D.Benkstein, J.T.Hupp, C.L.Stern (1998)
*J.Am.Chem.Soc. ,***120,**12982

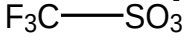
Formula: $C_{48}\ H_{28}\ N_{12}\ O_{12}\ Re_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),4($C_3\ H_6\ O_1$)

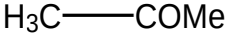
Compound Name: bis((μ_2-4,4'-Bipyridine)-(μ_2-2,2'-bipyrimidine))-dodecacarbonyl-tetra-rhenium(i) tetrakis(trifluoromethanesulfonate) acetone solvate

Space Group:	P21/n	***Cell:***	***a***	16.235(1)	***b*** 12.223(1)	***c***	20.704(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.11(0)	γ	90.00

R-Factor (%): 8.30 ***Temperature(K):*** 198 ***Density(g/cm^3):*** 2.091







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 897

HOHMEX

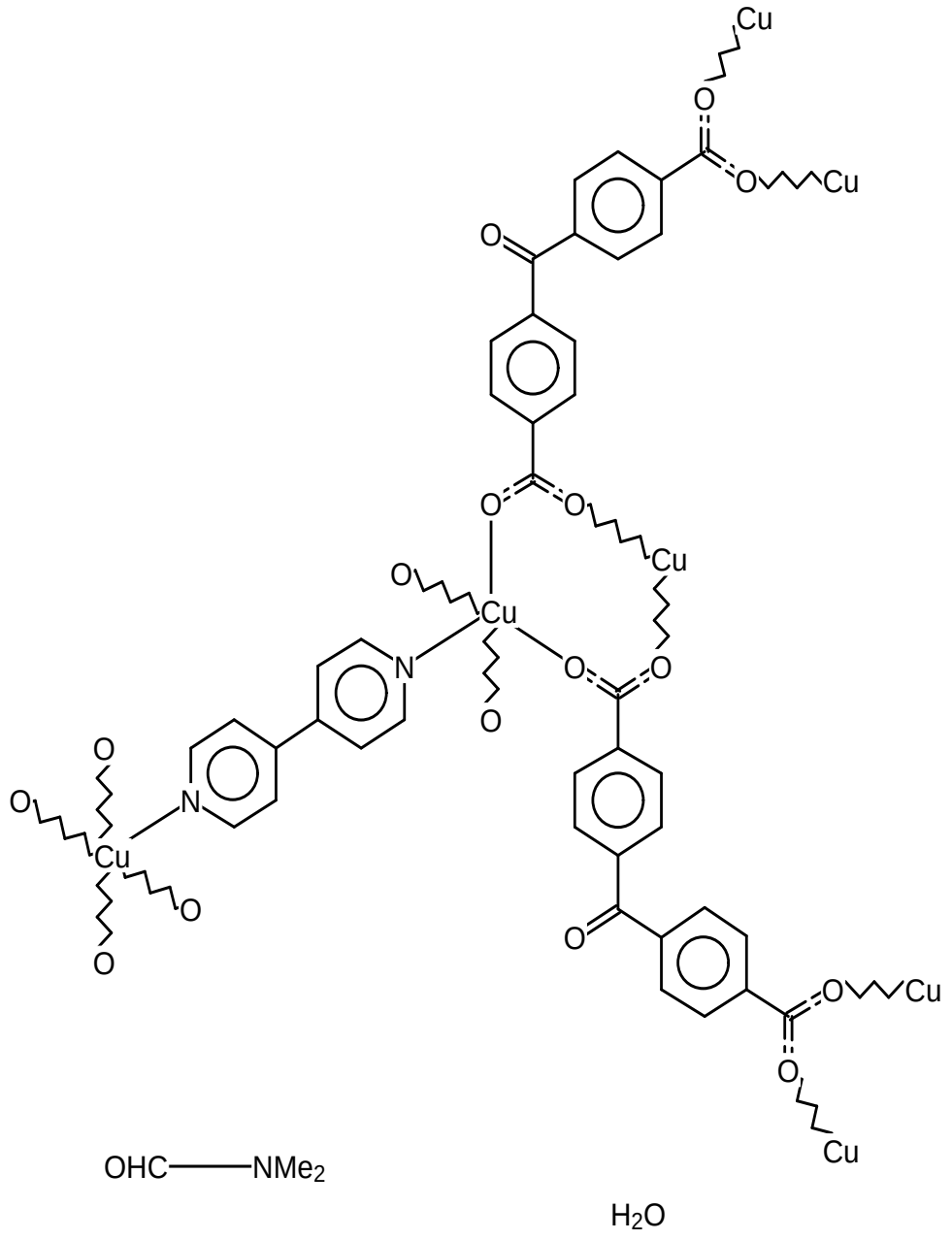
Reference: Hye Jeong Park, Myunghyun Paik Suh (2008)
Chem.-Eur.J. ,**14,**8812

Formula: $(C_{40}\ H_{24}\ Cu_2\ N_2\ O_{10})n,8n(C_3\ H_7\ N_1\ O_1),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-4,4'-carbonyldibenzoato)-(μ_2-4,4'-bipyridine)-di-copper(ii) dimethylformamide solvate hexahydrate)

Space Group:	I41/amd	***Cell:***	***a***	28.000(0)	***b***	28.000(0)	***c***	43.969(1)
Space Group No.:	141	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.166



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 898

HOQFEY

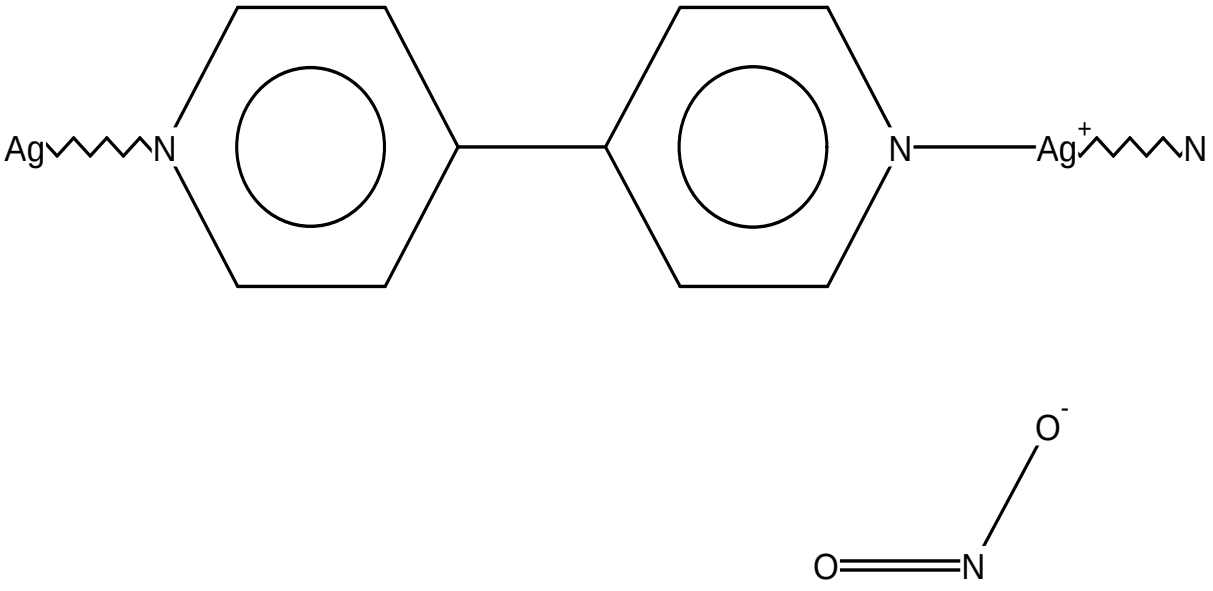
Reference: A.J.Blake, M.R.Champness, M.Crew, S.Parsons (1999) *New J.Chem. ,***23,**13

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(N_1\ O_2\ ^{1-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl-N,N')-silver(i) nitrite)

Space Group:	P2/n	***Cell:***	***a***	7.293(1)	***b*** 6.087(2)	***c***	11.481(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.87(1)	γ	90.00

R-Factor (%): 1.98 ***Temperature(K):*** 220 ***Density(g/cm^3):*** 2.072



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 899

HOQPIN

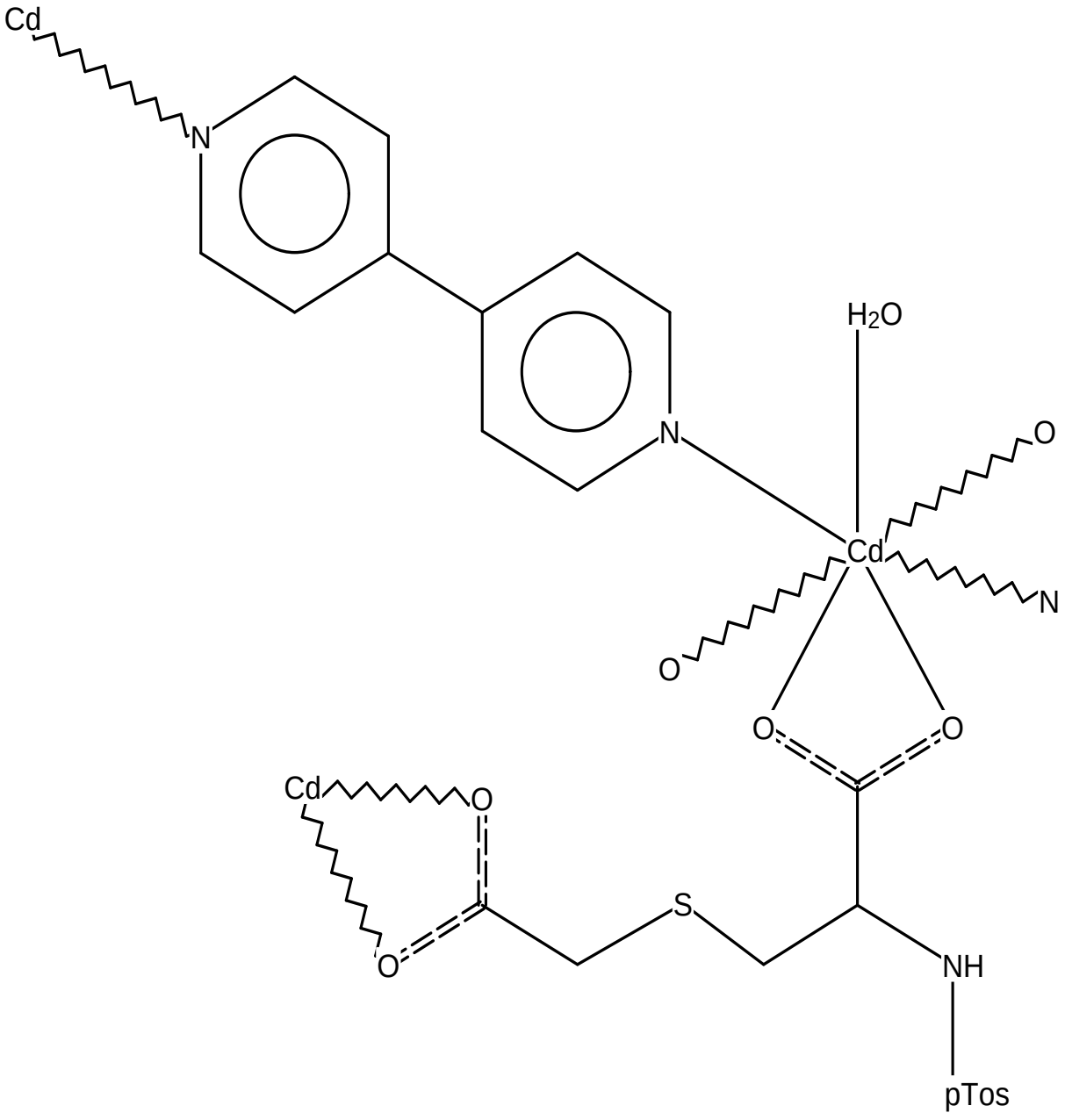
Reference: Zilu Chen, Yan Su, Wei Xiong, Lixia Wang, Fupei Liang, Min Shao (2009) *CrystEngComm* ,**11,**318

Formula: $(C_{22}\ H_{23}\ Cd_1\ N_3\ O_7\ S_2)n$

Compound Name: catena-((μ_2-S-(carboxymethyl)-N-(p-tosyl)-L-cysteinato)-(μ_2-4,4'-bipyridine)-aqua-cadmium(ii))

Space Group:	P21	***Cell:***	***a***	10.742(0)	***b*** 11.036(0)	***c***	11.780(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β 115.40(0)	γ	90.00

R-Factor (%): 2.30 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.627



Search: search1 (Thu May 26 10:05:42 2011): Hit 900

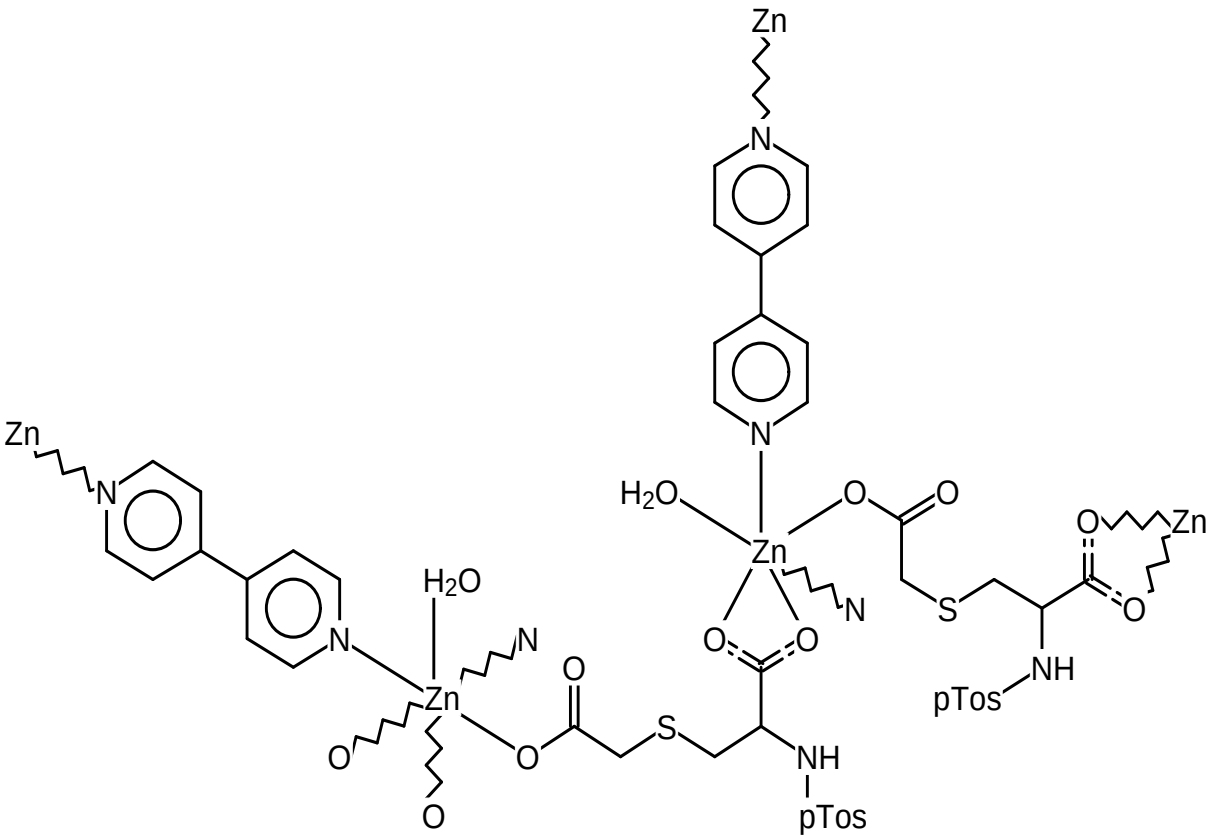
HOQPOT

Reference: Zilu Chen, Yan Su, Wei Xiong, Lixia Wang, Fupei Liang, Min Shao (2009) *CrystEngComm* ,**11,**318

Formula: $(C_{44}\ H_{46}\ N_6\ O_{14}\ S_4\ Zn_2)n$

Compound Name: catena-(bis(μ_2-S-(carboxymethyl)-N-(p-tosyl)-L-cysteinato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-zinc(ii))

Space Group:	P21	***Cell:***	***a***	11.481(1)	***b*** 10.674(1)	***c***	19.985(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β 100.30(0)	γ	90.00
R-Factor (%):	3.89	***Temperature(K):***	296		***Density(g/cm^3):***		1.574



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 901

HOQZIX

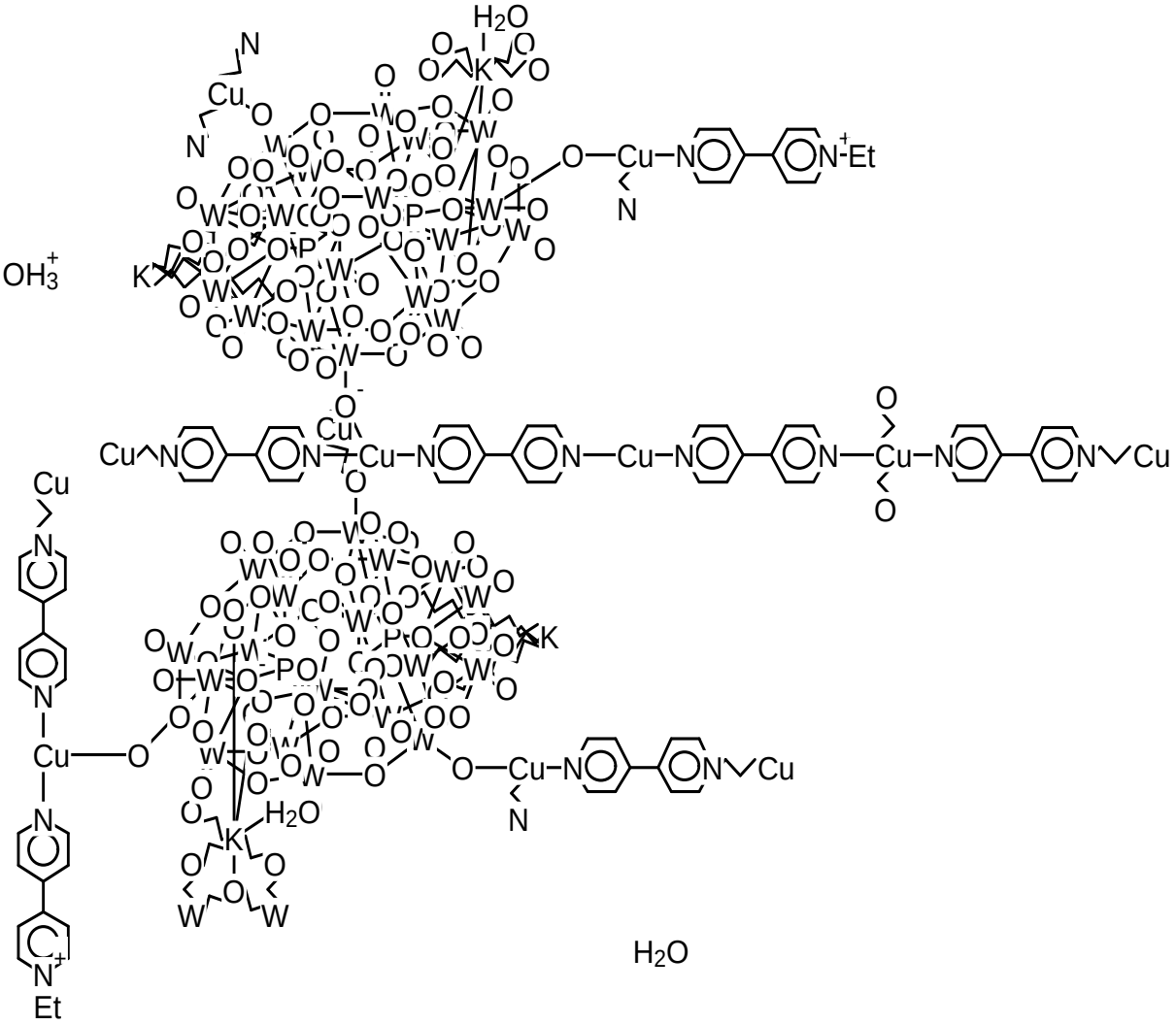
Reference: Xinyu Zhao, Shuxia Liu, Yuanhang Ren, Chaoying Gao, Ruige Cao, Chaojie Yu (2009) *J.Mol.Struct. ,***919,**160

Formula: $(H_3 O_1{}^{1+})n,n(C_{84} H_{78} Cu_7 K_2 N_{16} O_{126} P_4 W_{36}{}^{1-}),4n(H_2 O_1)$

Compound Name: catena-[Hydroxonium tetrakis(μ_9-phosphato)-dodecakis(μ_3-oxo)-hexakis(μ_2-4,4'-bipyridine-N,N')-octahexacontakis(μ_2-oxo)-diaqua-bis(1-ethyl-4,4'-bipyridin-1-ium-N')-octacosaoxo-hepta-copper(i)-di-potassium(i)-hexatriaconta-tungsten(vi) tetrahydrate]

Space Group:	P-1	***Cell:***	***a*** 16.812(3)	***b*** 17.650(4)	***c*** 17.666(4)
Space Group No.:	2	***(Å,°)***	α 115.91(3)	β 93.08(3)	γ 101.93(3)

R-Factor (%): 6.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.898



Search: search1 (Thu May 26 10:05:42 2011): Hit 902

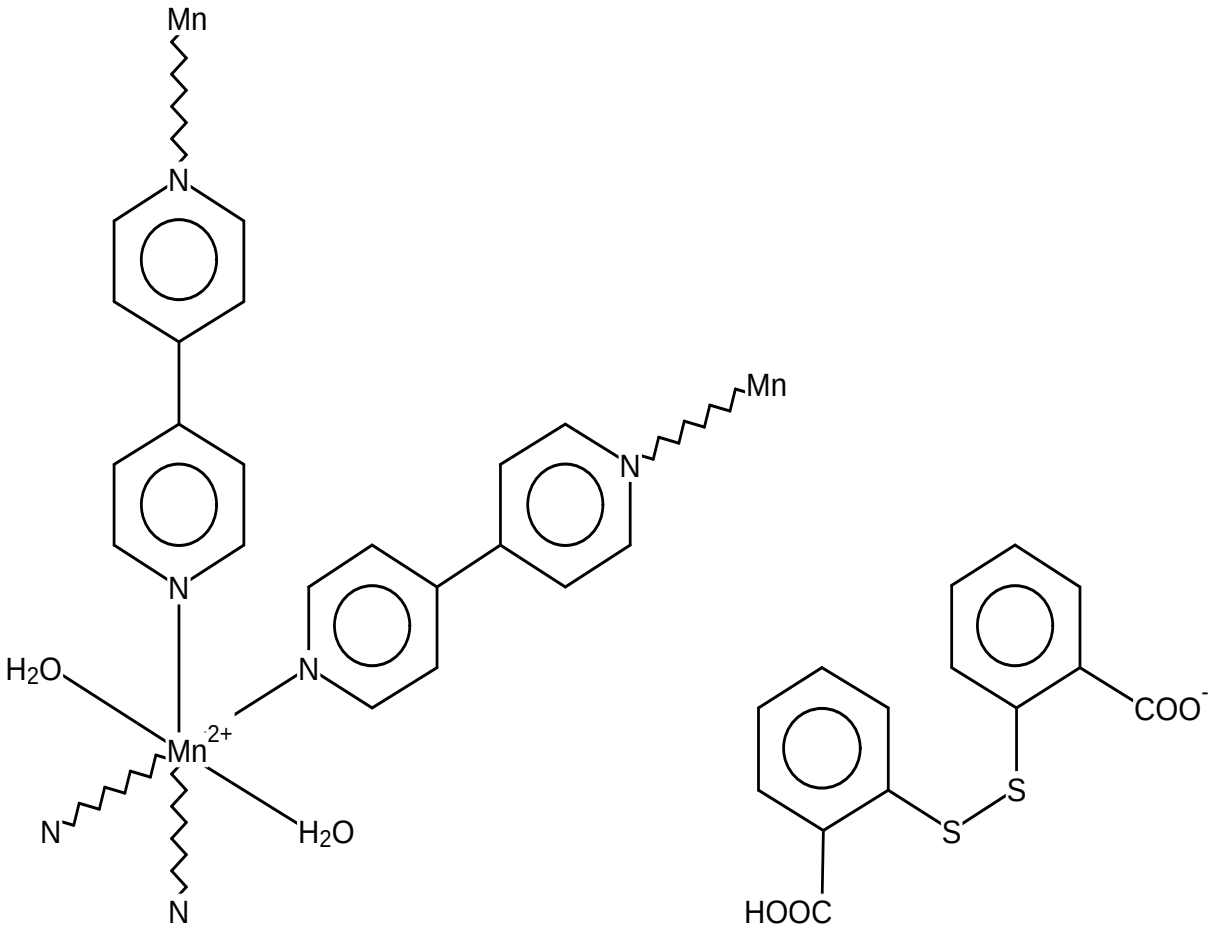
HOSXIX

Reference: Min Hu, Song-Tao Ma, Liang-Qi Guo, Shao-Ming Fang (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***65,**m538

Formula: $(C_{20}\ H_{20}\ Mn_1\ N_4\ O_2\ ^{2+})n,2n(C_{14}\ H_9\ O_4\ S_2\ ^{1-})$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine)-diaqua-manganese(ii) bis(2-(2-carboxyphenyldisulfanyl)benzoate)]

Space Group:	P-1	***Cell:***	***a***	8.260(5)	***b*** 11.771(7)	***c***	11.917(7)
Space Group No.:	2	***(Å,°)***	α	94.33(0)	β 102.34(0)	γ	96.22(0)
R-Factor (%):	3.21	***Temperature(K):***	293		***Density(g/cm^3):***	1.504	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 903

HOTNOU

Reference: Chong-Chen Wang (2009)
*Z.Kristallogr.-New Cryst.Struct. ,***224,**291

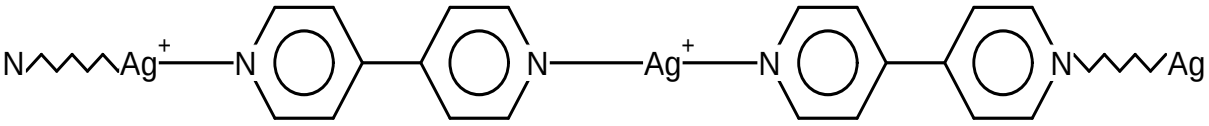
Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+})n,n(C_{10}\ H_{10}\ O_4),2n(H_1\ O_1\ ^{1-}),2n(H_2\ O_1)$

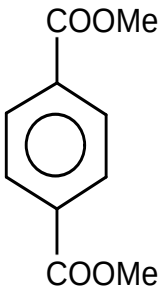
Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-di-silver(i) (dimethyl terephthalate) dihydroxide dihydrate]

Synonym: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-di-silver(i) (dimethyl benzene-1,4-dicarboxylate) dihydroxide dihydrate]

Space Group:	Cmcm	***Cell:***	***a***	18.309(1)	***b***	22.831(1)	***c*** 7.180(1)
Space Group No.:	63	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.754





OH^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 904

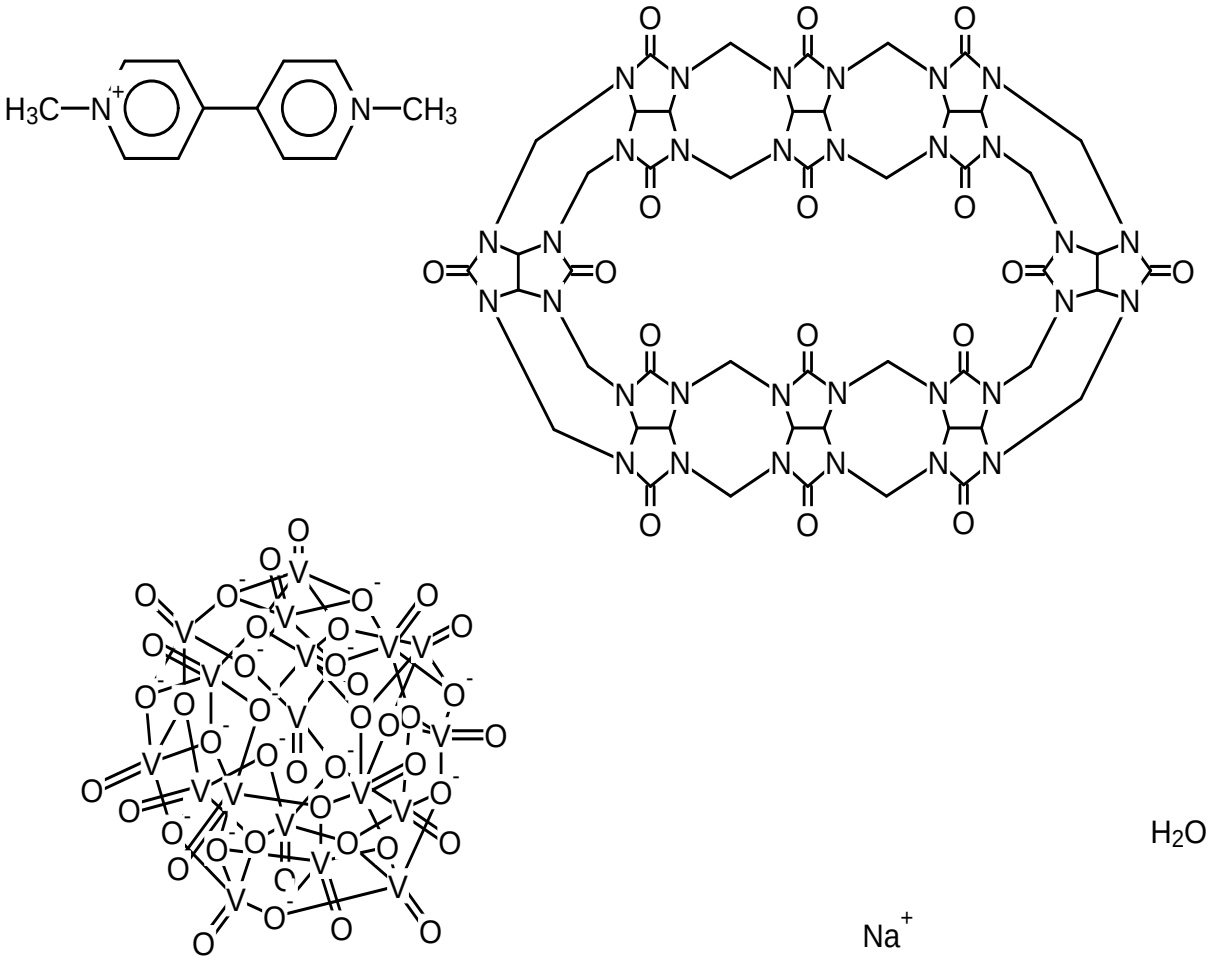
HOVXAS

Reference: Xikui Fang, P.Kogerler, L.Isaacs, S.Uchida, N.Mizuno (2009) *J.Am.Chem.Soc.* ,**131,**432

Formula: $2(C_{12}\ H_{14}\ N_2\ ^{1+}),C_{48}\ H_{48}\ N_{32}\ O_{16},O_{42}\ V_{18}\ ^{14-},12(Na_1\ ^{1+}),35(H_2\ O_1)$

Compound Name: Dodeca-sodium bis(N,N'-dimethyl-4,4'-bipyridinium) cucurbit(8)uril tetracosakis(μ_3-oxo)-octadecaoxo-hexadeca-vanadium(iv)-di-vanadium(v) monohydrate clathrate hydrate

Space Group:	C2/c	***Cell:***	***a***	14.558(1)	***b***	31.580(2)	***c***	38.173(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.13(0)	γ	90.00
R-Factor (%):	8.44	***Temperature(K):***	173		***Density(g/cm^3):***		1.588	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 905

HOWQAM

Reference: Min Xue, Guangshan Zhu, Hong Ding, Lei Wu, Xiaojun Zhao, Zhao Jin, Shilun Qiu (2009) *Cryst.Growth Des.* ,**9,**1481

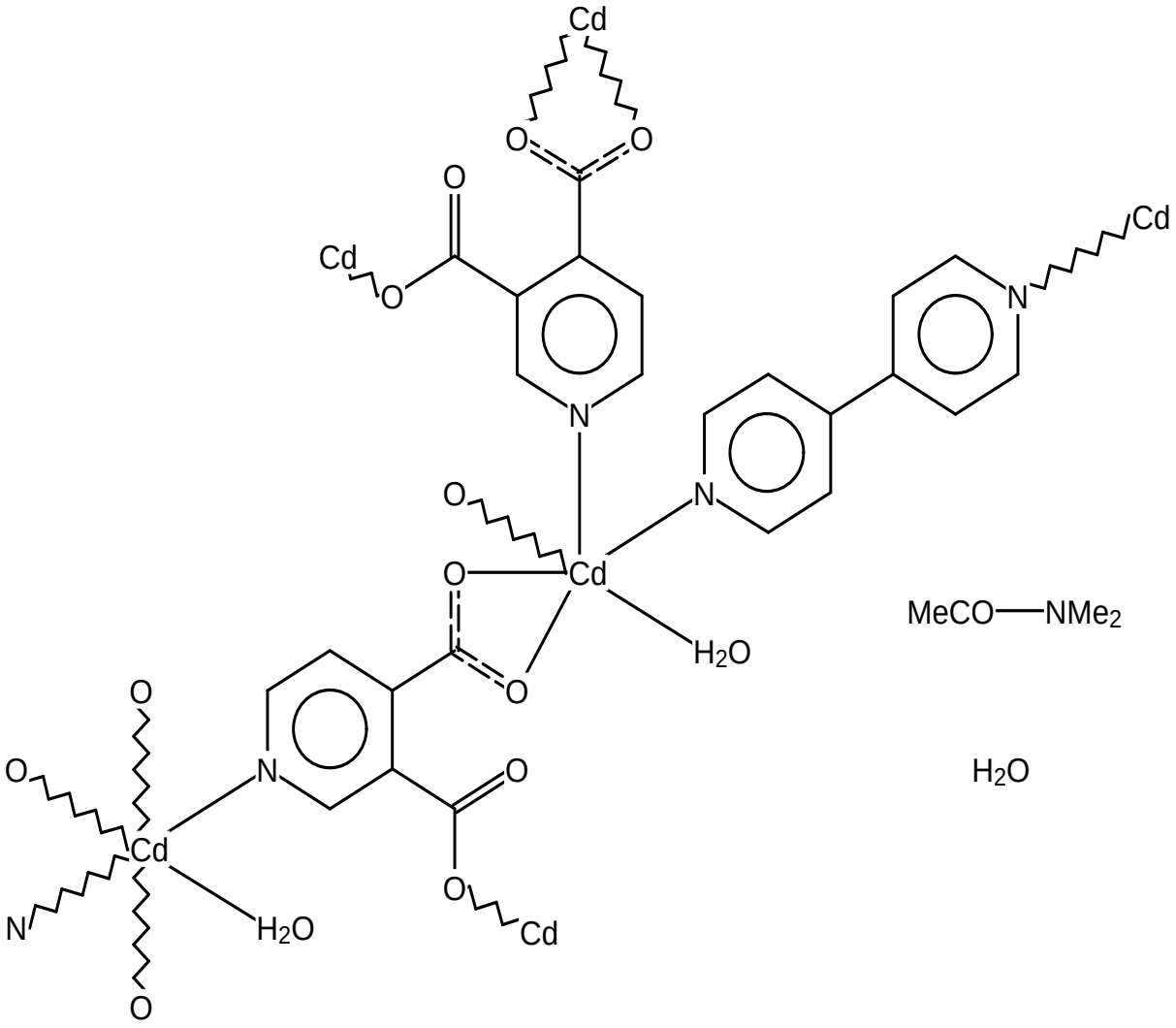
Formula: $(C_{24}\ H_{18}\ Cd_2\ N_4\ O_{10})n,3n(C_4\ H_9\ N_1\ O_1),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-3,4-Pyridinedicarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-di-cadmium dimethylacetamide solvate tetrahydrate)

Synonym: JUC-67

Space Group:	Pbca	***Cell:***	***a***	13.209(1)	***b***	13.091(1)	***c***	26.916(3)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.084



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 906

HOWQEQ

Reference: Min Xue, Guangshan Zhu, Hong Ding, Lei Wu, Xiaojun Zhao, Zhao Jin, Shilun Qiu (2009) *Cryst.Growth Des.* ,**9,**1481

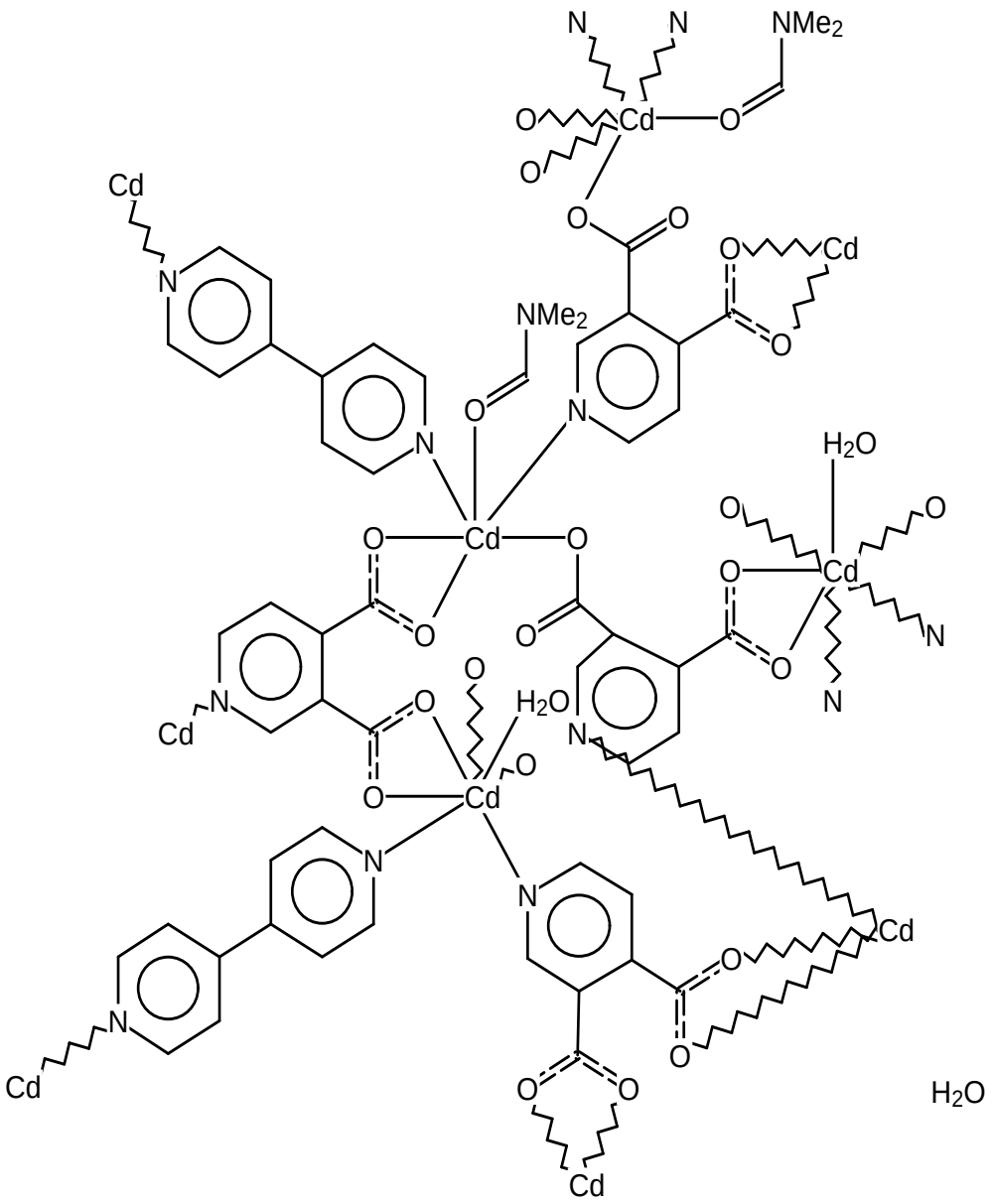
Formula: $(C_{54}\ H_{46}\ Cd_4\ N_{10}\ O_{20})n,4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_3-3,4-Pyridinedicarboxylato)-bis(μ_2-4,4'-bipyridine)-bis(dimethylformamide)-diaqua-tetra-cadmium tetrahydrate)

Synonym: JUC-68

Space Group:	P21/c	***Cell:***	***a***	7.577(1)	***b***	27.320(5)	***c***	15.071(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.71 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.785



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 907

HOWQOA

Reference: Min Xue, Guangshan Zhu, Hong Ding, Lei Wu, Xiaojun Zhao, Zhao Jin, Shilun Qiu (2009) *Cryst.Growth Des.* ,**9,**1481

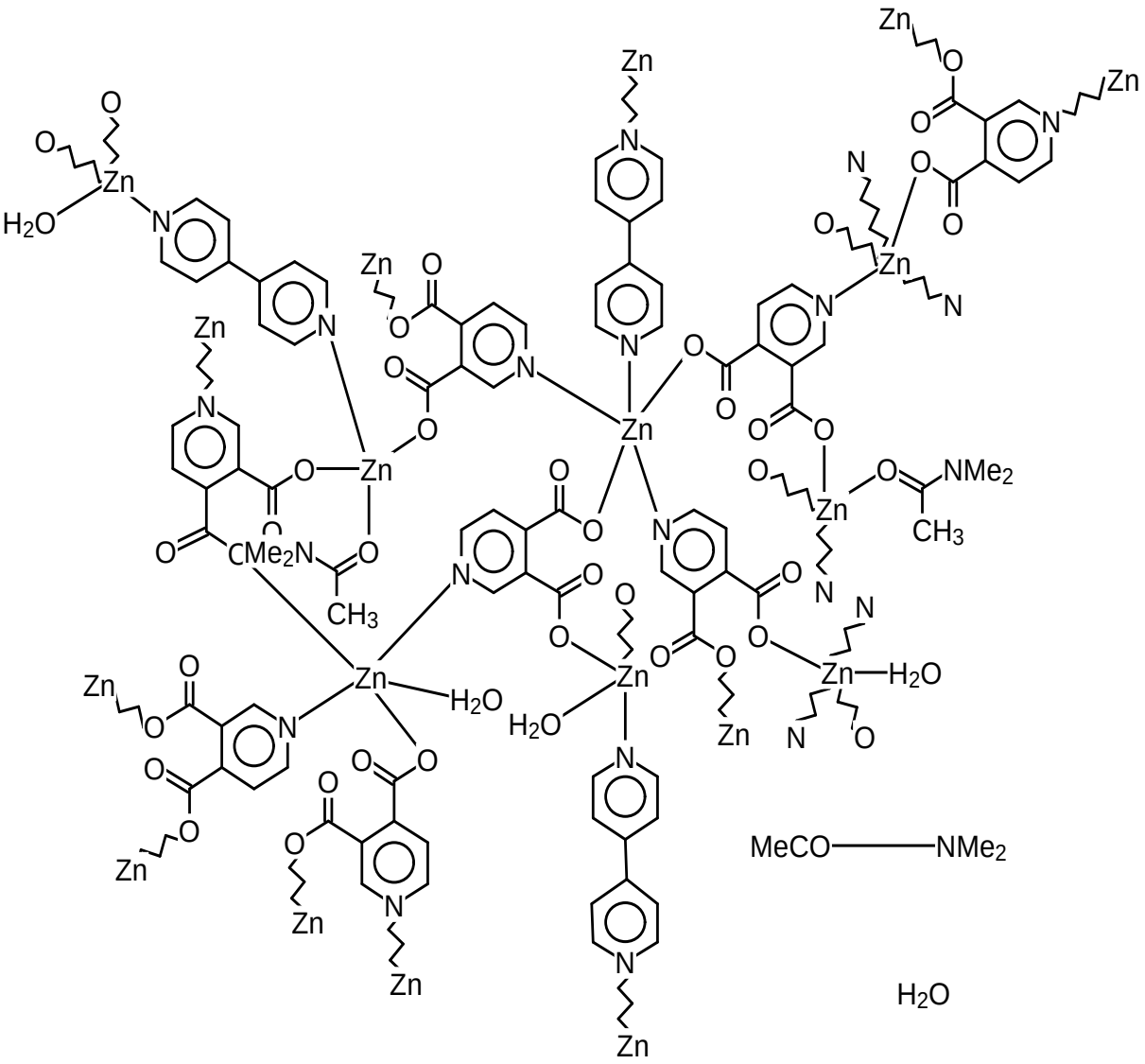
Formula: $(C_{94}\ H_{74}\ N_{16}\ O_{38}\ Zn_8)n,8n(C_4\ H_9\ N_1\ O_1),4n(H_2\ O_1)$

Compound Name: catena-(octakis(μ_3-3,4-Pyridinedicarboxylato)-tris(μ_2-4,4'-bipyridine)-bis(dimethylacetamide)-tetraaqua-octa-zinc dimethylacetamide solvate tetrahydrate)

Synonym: JUC-70

Space Group:	P21/c	***Cell:***	***a***	21.632(4)	***b*** 14.084(3)	***c***	25.794(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.27(3)	γ	90.00

R-Factor (%): 6.38 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.465



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 908

HOWSIW

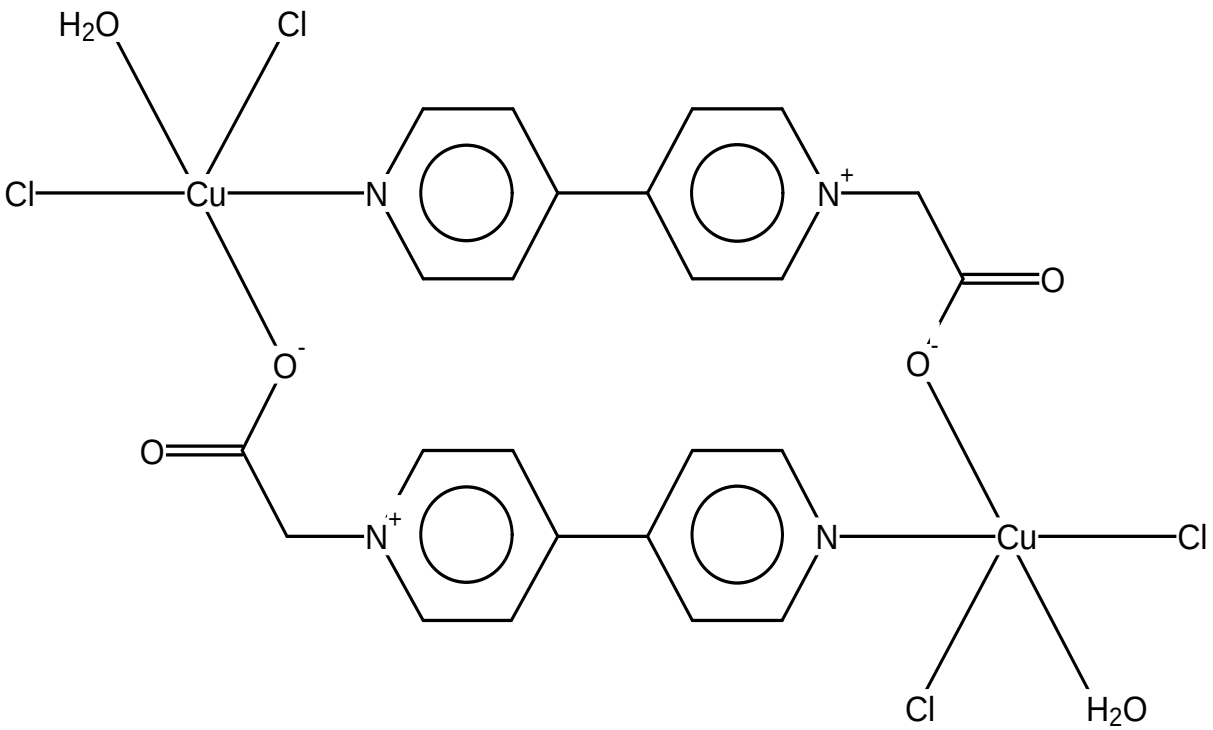
Reference: A.D.Phillips, Zhaofu Fei, Wee Han Ang, R.Scopelliti, P.J.Dyson (2009) *Cryst.Growth Des.* ,**9,**1966

Formula: $C_{24}\ H_{24}\ Cl_4\ Cu_2\ N_4\ O_6$,6($H_2\ O_1$)

Compound Name: bis(μ_2-(4-(4-pyridyl)pyridinio)acetato)-diaqua-tetrachloro-di-copper hexahydrate

Space Group:	P21/n	***Cell:***	***a***	14.650(1)	***b*** 7.061(0)	***c***	17.632(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.32(0)	γ	90.00

R-Factor (%): 2.98 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.668



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 909

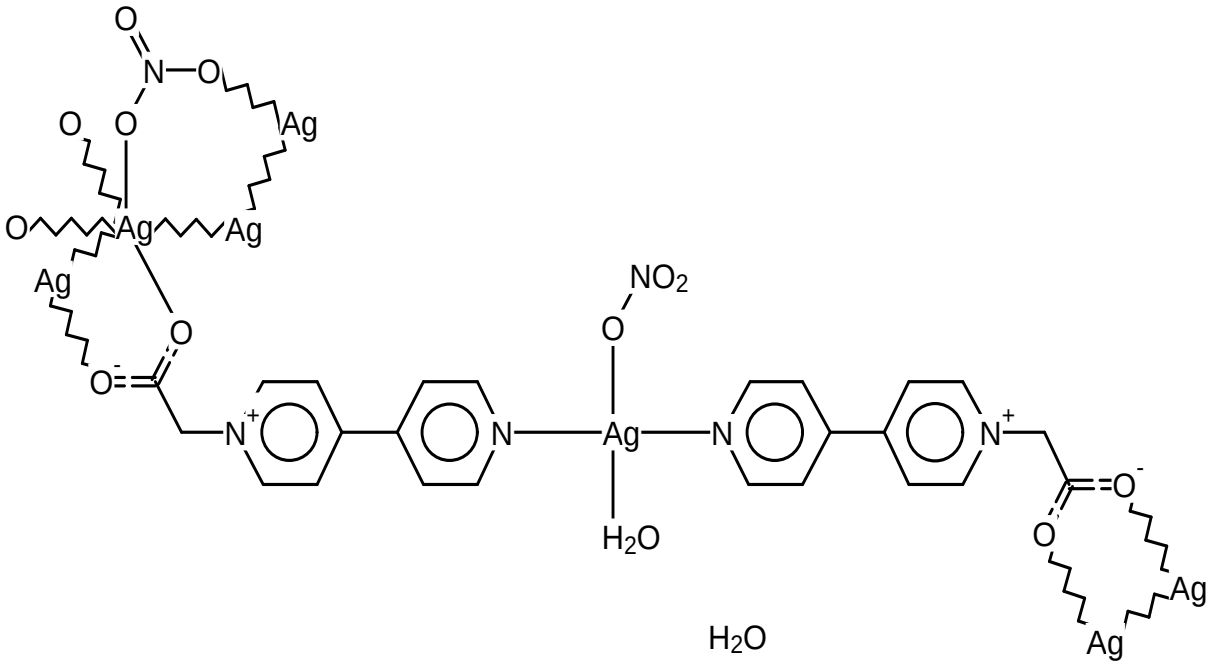
HOWSOC

Reference: A.D.Phillips, Zhaofu Fei, Wee Han Ang, R.Scopelliti, P.J.Dyson (2009) *Cryst.Growth Des.* ,**9,**1966

Formula: $(C_{24}\ H_{22}\ Ag_2\ N_6\ O_{11})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-(4-(4-Pyridyl)pyridinio)acetato)-(μ_2-nitrato)-aqua-nitrato-di-silver dihydrate)

Space Group:	P21/c	***Cell:***	***a***	21.318(0)	***b*** 4.892(0)	***c***	15.888(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.46(0)	γ	90.00
R-Factor (%):	3.77	***Temperature(K):***	140		***Density(g/cm^3):***		1.728



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 910

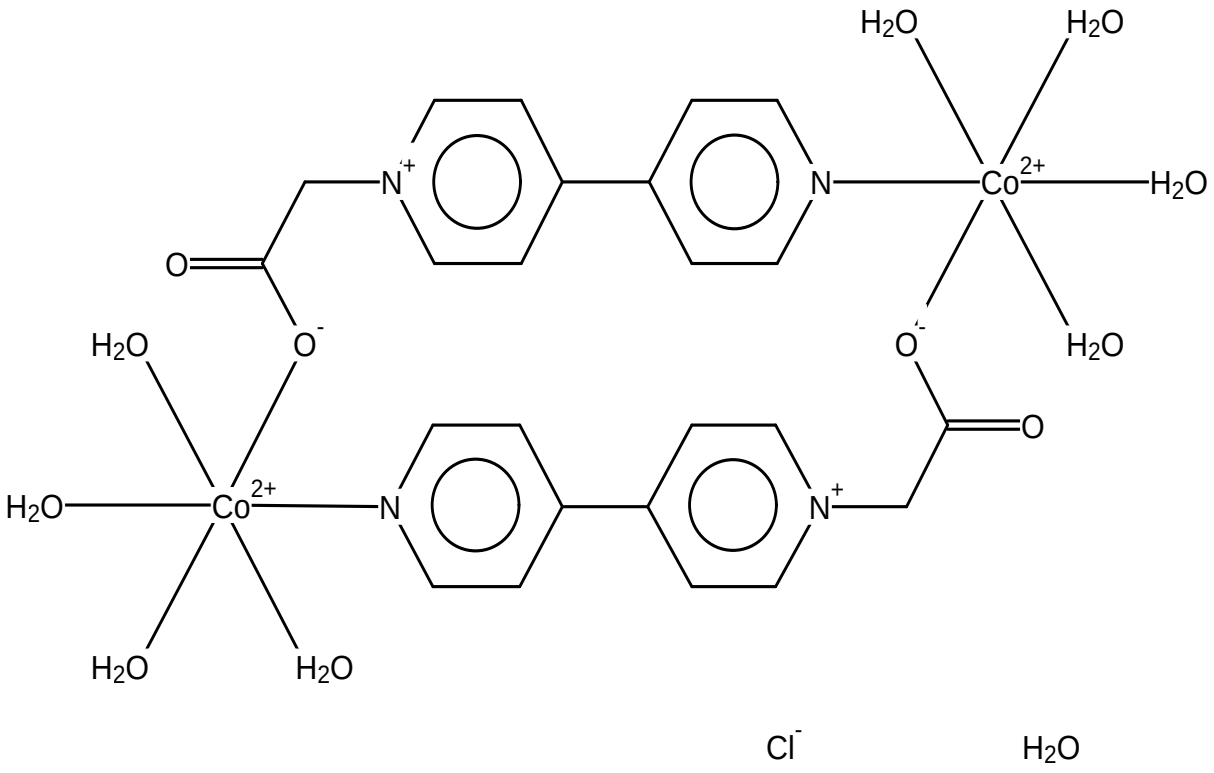
HOWSUI

Reference: A.D.Phillips, Zhaofu Fei, Wee Han Ang, R.Scopelliti, P.J.Dyson (2009) *Cryst.Growth Des.* ,**9,**1966

Formula: $C_{24}\ H_{36}\ Co_2\ N_4\ O_{12}\ ^{4+}$,4($Cl_1\ ^{1-}$),4($H_2\ O_1$)

Compound Name: bis(μ_2-(4-(4-Pyridyl)pyridinio)acetato)-octaaqua-di-cobalt tetrachloride tetrahydrate

Space Group:	P-1	***Cell:***	***a***	8.320(0)	***b***	9.245(0)	***c***	14.383(1)
Space Group No.:	2	***(Å,°)***	α	76.75(0)	β	77.21(0)	γ	63.98(0)
R-Factor (%):	3.75	***Temperature(K):***	140	***Density(g/cm^3):***	1.567			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 911

HOWTAP

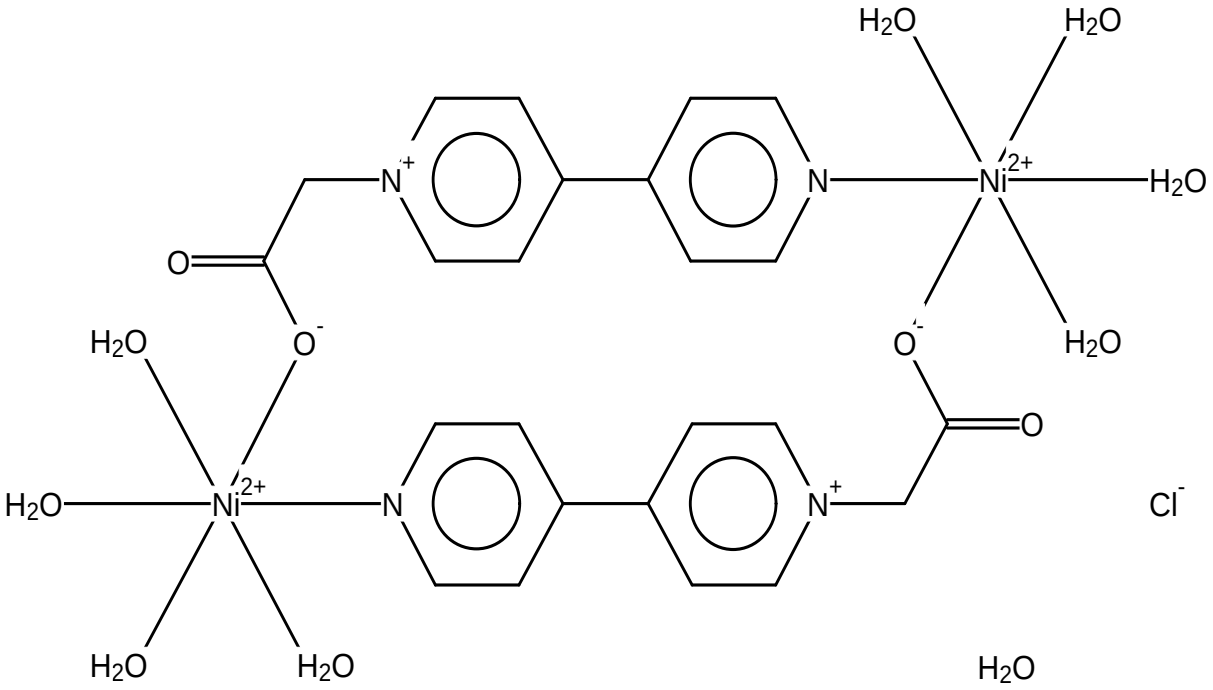
Reference: A.D.Phillips, Zhaofu Fei, Wee Han Ang, R.Scopelliti, P.J.Dyson (2009) *Cryst.Growth Des.* ,**9,**1966

Formula: $C_{24}\ H_{36}\ N_4\ Ni_2\ O_{12}\ ^{4+}$,4($Cl_1\ ^{1-}$),4($H_2\ O_1$)

Compound Name: bis(μ_2-(4-(4-Pyridyl)pyridinio)acetato)-octaaqua-di-nickel tetrachloride tetrahydrate

Space Group:	P-1	***Cell:***	***a***	8.261(0)	***b***	9.291(0)	***c***	14.219(0)
Space Group No.:	2	***(Å,°)***	α	76.81(0)	β	76.93(0)	γ	63.79(0)

R-Factor (%): 2.42 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.591



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 912

HOWTET

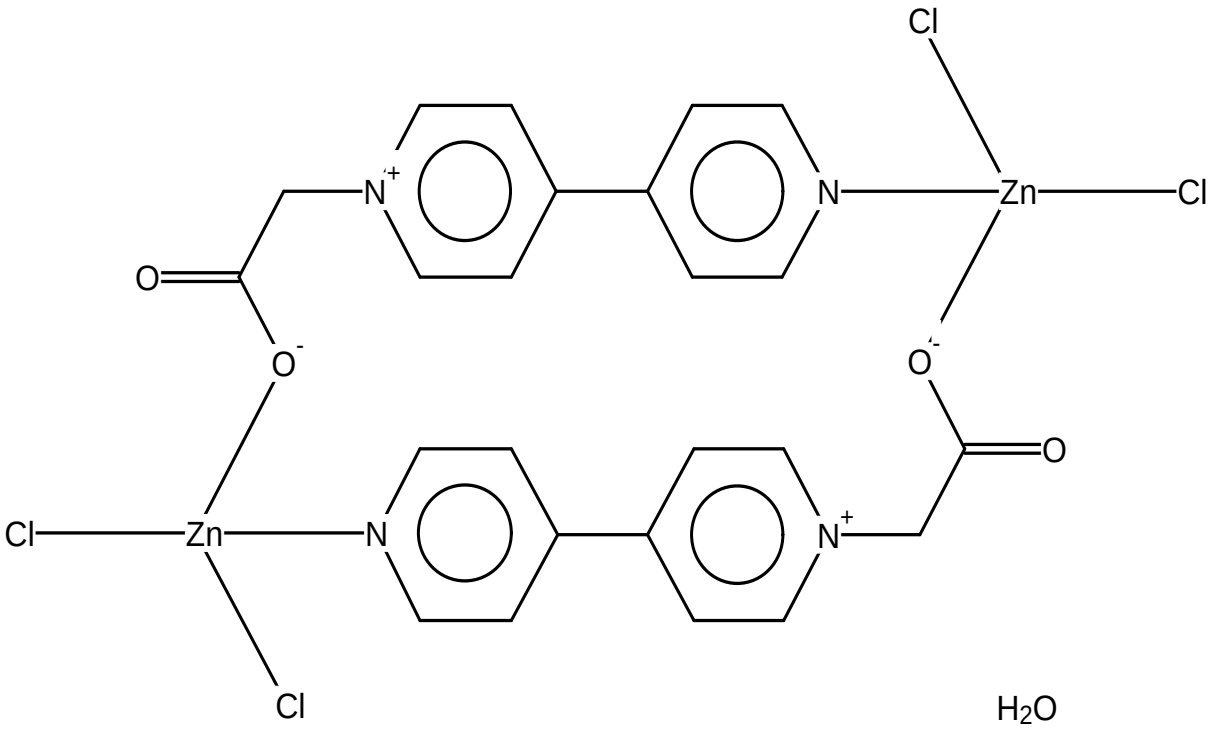
Reference: A.D.Phillips, Zhaofu Fei, Wee Han Ang, R.Scopelliti, P.J.Dyson (2009) *Cryst.Growth Des.* ,**9,**1966

Formula: $C_{24}\ H_{20}\ Cl_4\ N_4\ O_4\ Zn_2,2(H_2\ O_1)$

Compound Name: bis(μ_2-(4-(4-pyridyl)pyridinio)acetato)-tetrachloro-di-zinc dihydrate

Space Group:	P21/n	***Cell:***	***a***	7.104(1)	***b*** 23.849(5)	***c***	8.748(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.59(3)	γ	90.00

R-Factor (%): 2.26 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.680



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 913

HOXHOS

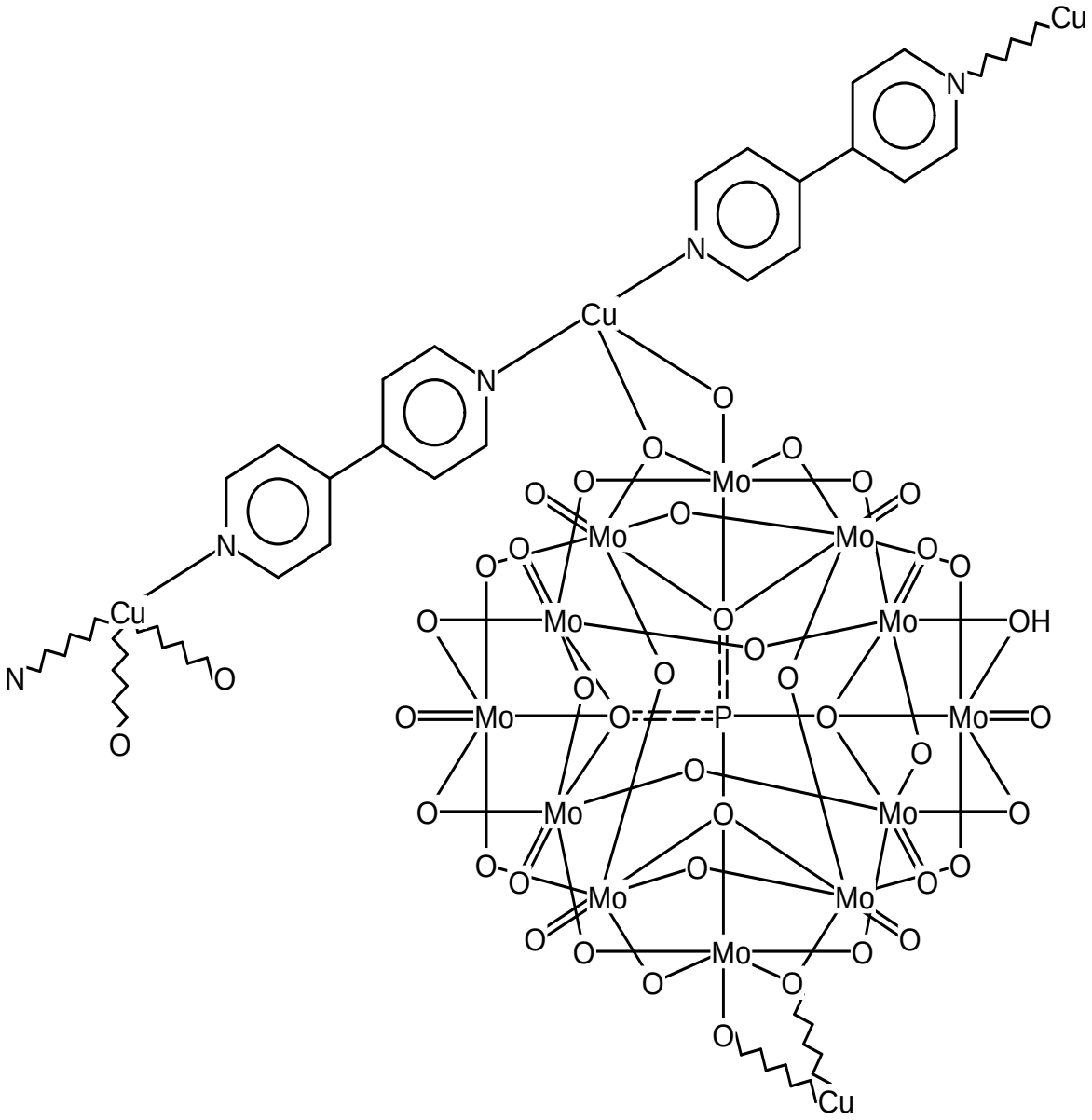
Reference: Jingquan Sha, Jun Peng, Yu Zhang, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Hong Liu (2009) *Cryst.Growth Des.* ,**9,** 1708

Formula: $(C_{20}\ H_{17}\ Cu_2\ Mo_{12}\ N_4\ O_{40}\ P_1)n$

Compound Name: catena-((μ_{12}-Phosphato)-bis(μ_3-oxo)-bis(μ_2-4,4'-bipyridine)-(μ_2-hydroxo)-tricosakis(μ_2-oxo)-decaoxo-di-copper(i)-dodeca-molybdenum(vi))

Space Group:	P-1	***Cell:***	***a*** 10.861(2)	***b*** 11.820(2)	***c*** 13.243(3)
Space Group No.:	2	***(Å,°)***	α 104.79(3)	β 102.91(3)	γ 114.80(3)

R-Factor (%): 7.41 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.718



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 914

HOXHUY

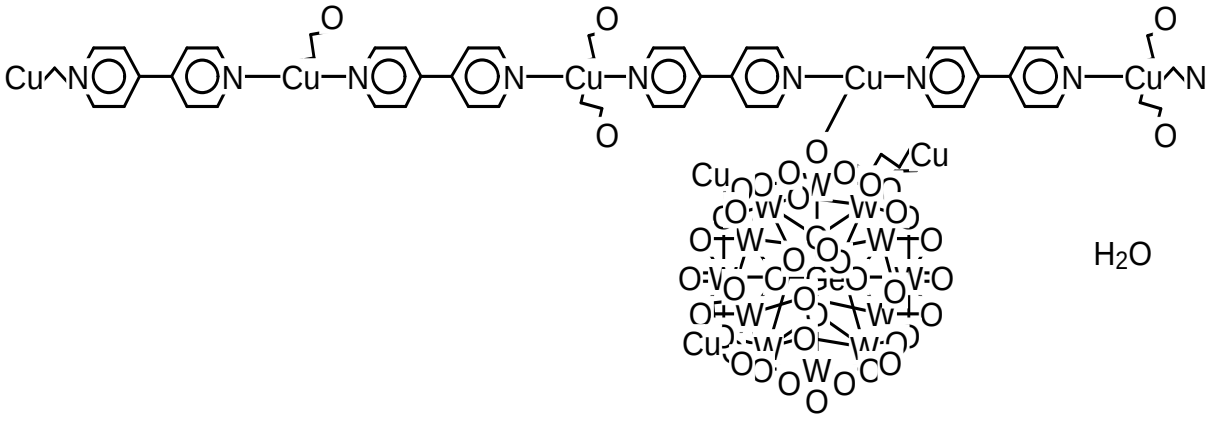
Reference: Jingquan Sha, Jun Peng, Yu Zhang, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Hong Liu (2009) *Cryst.Growth Des.* ,**9,** 1708

Formula: $(C_{40}\ H_{32}\ Cu_4\ Ge_1\ N_8\ O_{40}\ W_{12})n,n(H_2\ O_1)$

Compound Name: catena-((μ_{12}-Germanato)-bis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-hexacosakis(μ_2-oxo)-octaoxo-tetra-copper(i)-dodeca-tungsten(vi) monohydrate)

Space Group:	P-1	***Cell:***	***a***	14.383(4)	***b***	14.400(4)	***c*** 21.420(5)
Space Group No.:	2	***(Å,°)***	α	96.72(0)	β	96.54(0)	γ 109.44(0)

R-Factor (%):	9.15	***Temperature(K):***	273	***Density(g/cm3):***	3.092



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 915

HOXJAG

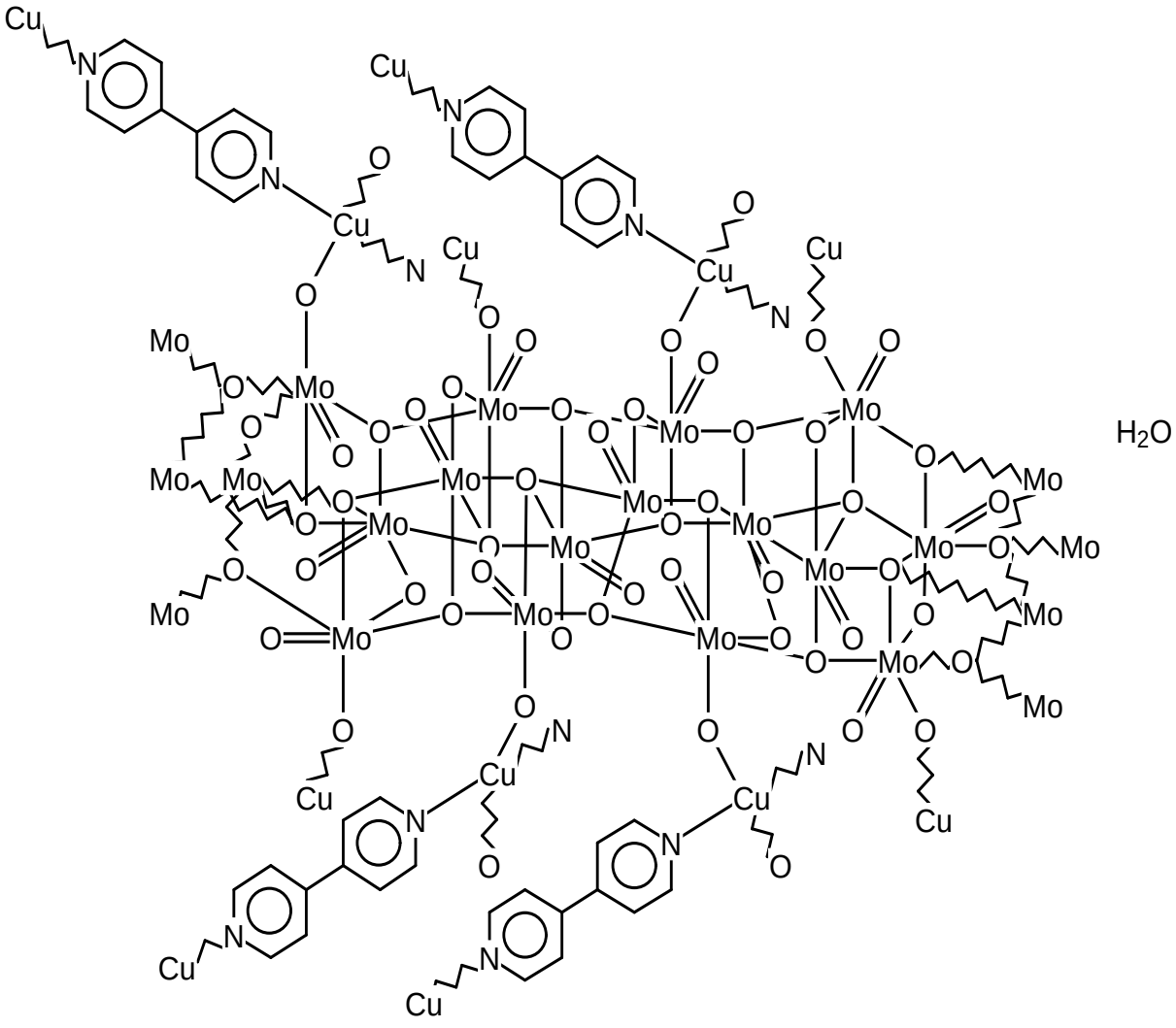
Reference: Jingquan Sha, Jun Peng, Yu Zhang, Haijun Pang, Aixiang Tian, Pengpeng Zhang, Hong Liu (2009) *Cryst.Growth Des.* ,**9,** 1708

Formula: $(C_{40}\ H_{32}\ Cu_4\ Mo_{15}\ N_8\ O_{47})n,2n(H_2\ O_1)$

Compound Name: catena-(nonakis(μ_4-Oxo)-octakis(μ_3-oxo)-tetrakis(μ_2-4,4'-bipyridine)-pentadecakis(μ_2-oxo)-pentadecaoxo-tetra-copper(i)-pentadeca-molybdenum(vi) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	27.277(1)	***b*** 3.763(0)	***c***	21.820(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 122.03(0)	γ	90.00

R-Factor (%): 8.29 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.717



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 916

HOXLIQ

Reference: Mingyan Wu, Wei Wei, Qiang Gao, Daqiang Yuan, Yougui Huang, Feilong Jaing, Maochun Hong (2009) *Cryst.Growth Des. ,***9,**1584

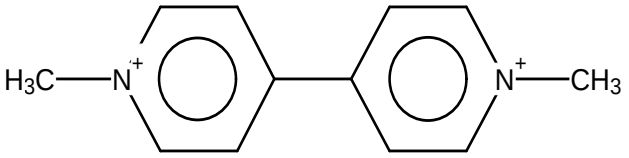
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+}$,$C_{24}\ H_{24}\ Co_4\ O_{28}\ S_9\ ^{2-}$,8($H_2\ O_1$)

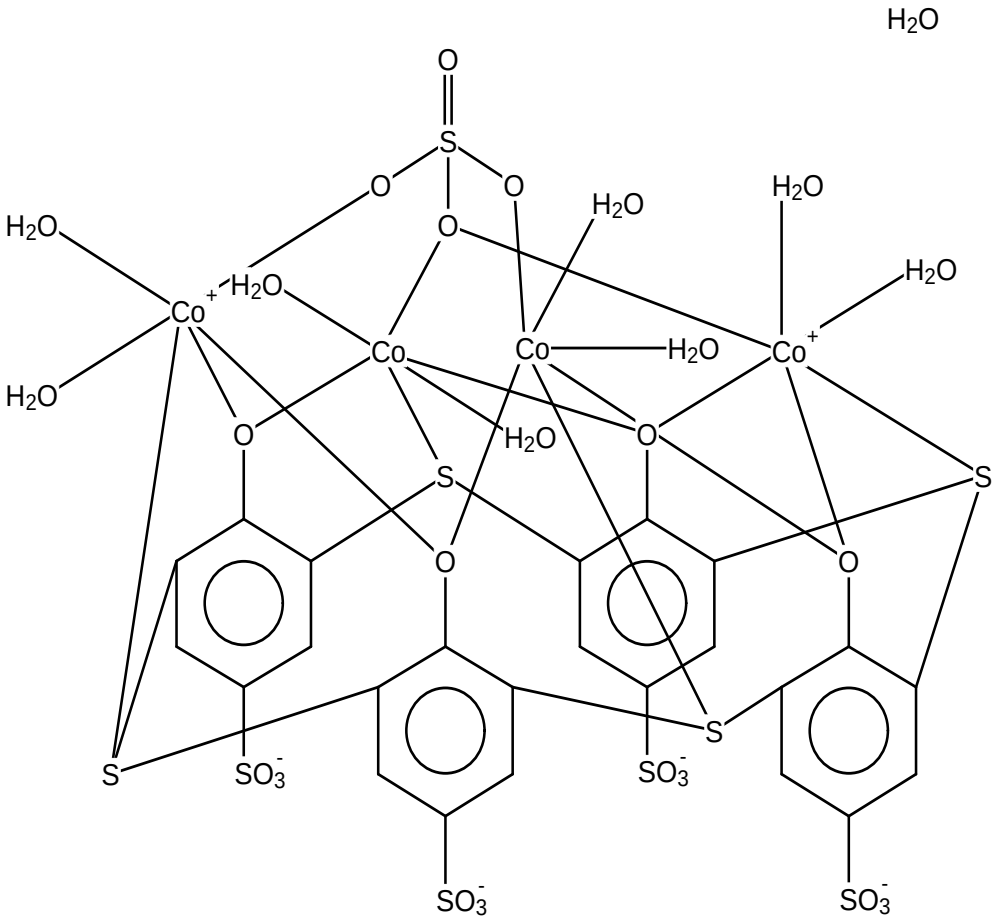
Compound Name: 1,1'-Dimethyl-4,4'-bipyridinium (μ_4-5,11,17,23-tetrasulfonato-25,26,27,28-tetraoxy-2,8,14,20-tetrathiacalix(4)arene)-(μ_4-sulfato)-octa-aqua-tetra-cobalt(ii) octahydrate

Synonym: Methylviologen (μ_4-5,11,17,23-tetrasulfonato-25,26,27,28-tetraoxy-2,8,14,20-tetrathiacalix(4)arene)-(μ_4-sulfato)-octa-aqua-tetra-cobalt(ii) octahydrate

Space Group:	P212121	***Cell:***	***a***	14.069(9)	***b***	15.909(11)	***c***	26.930(30)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.780





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 917

HOXLUC

Reference: Mingyan Wu, Wei Wei, Qiang Gao, Daqiang Yuan, Yougui Huang, Feilong Jaing, Maochun Hong (2009) *Cryst.Growth Des. ,***9,**1584

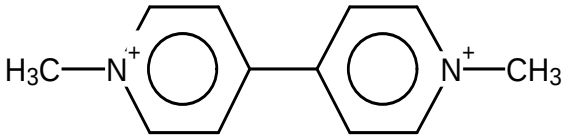
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{24}\ H_{16}\ Cu_4\ O_{24}\ S_9\ ^{2-}),9n(H_2\ O_1)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium (μ_8-5,11,17,23-tetrasulfonato-25,26,27,28-tetraoxy-2,8,14,20-tetrathiacalix(4)arene)-(μ_4-sulfato)-tetra-aqua-tetra-copper(ii) nonahydrate)

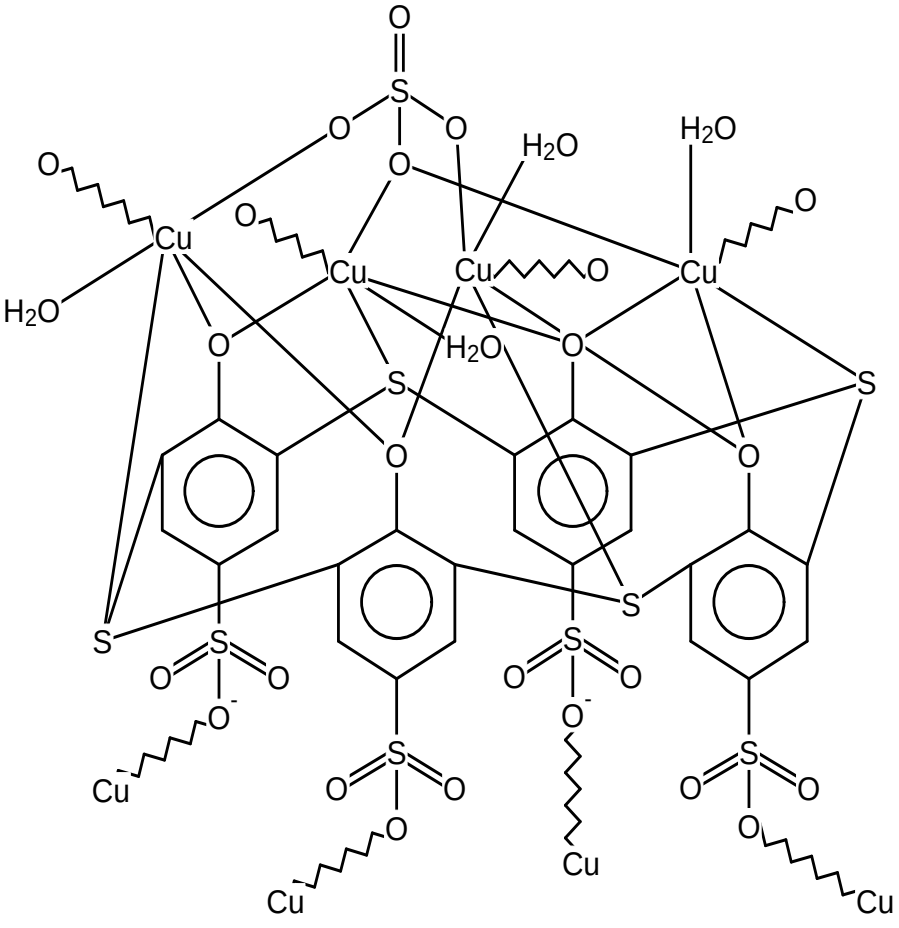
Synonym: catena-(Methylviologen (μ_8-5,11,17,23-tetrasulfonato-25,26,27,28-tetraoxy-2,8,14,20-tetrathiacalix(4)arene)-(μ_4-sulfato)-tetra-aqua-tetra-copper(ii) nonahydrate)

Space Group:	P-1	***Cell:***	***a*** 13.760(0)	***b*** 14.481(1)	***c*** 14.632(1)
Space Group No.:	2	***(Å,°)***	α 104.33(0)	β 90.61(0)	γ 95.78(0)

R-Factor (%): 4.61 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.868



H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 918

HOYJUB

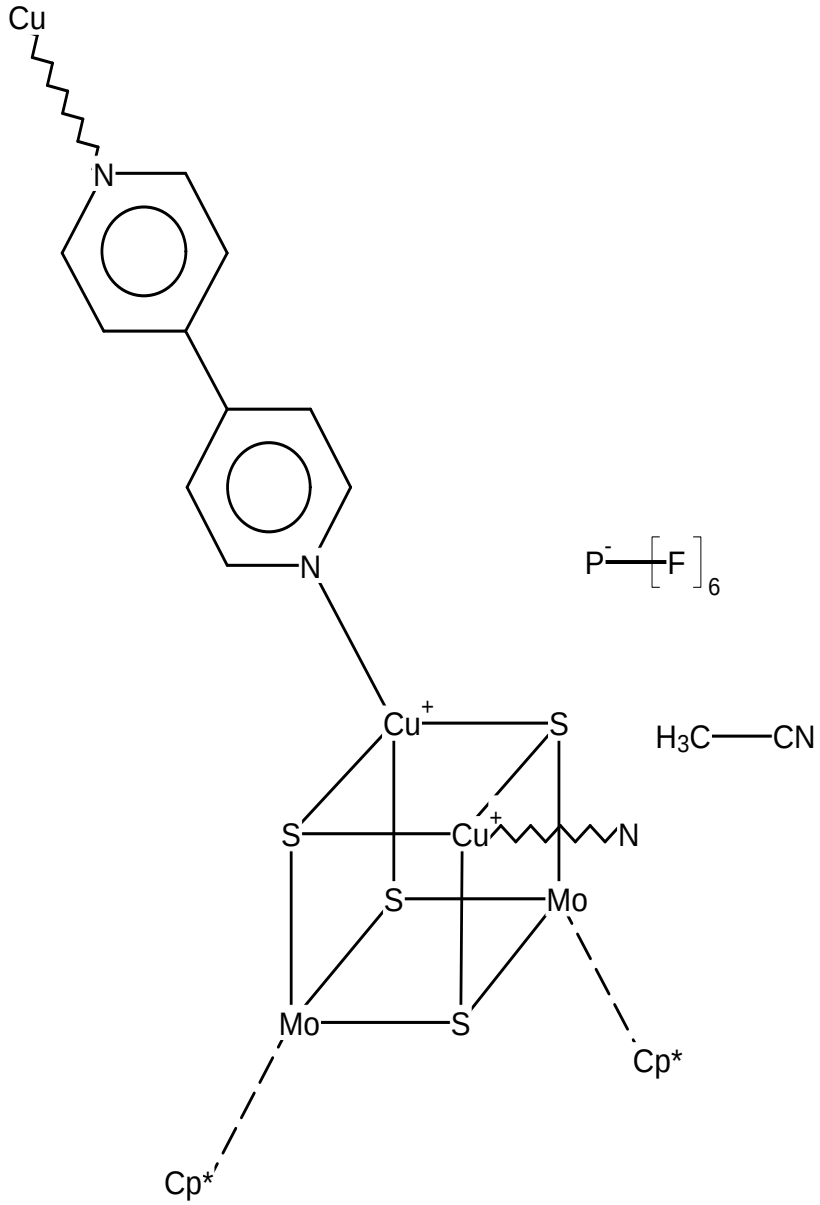
Reference: Zhi-Gang Ren, Jun-Yi Yang, Ying-Lin Song, Ni-Ya Li, Hong-Xi Li, Yang Chen, Yong Zhang, Jian-Ping Lang (2009) *Dalton Trans.* ,2578

Formula: $(C_{30}\ H_{38}\ Cu_2\ Mo_2\ N_2\ S_4\ ^{2+})n,2n(F_6\ P_1\ ^{1-}),n(C_2\ H_3\ N_1)$

Compound Name: catena-(tetrakis(μ_3-Sulfido)-(μ_2-4,4'-bipyridine)-bis(η^5-pentamethylcyclopentadienyl)-di-copper(i)-di-molybdenum(v) bis(hexafluorophosphate) acetonitrile solvate)

Space Group:	C2/c	***Cell:***	***a***	42.178(15)	***b***	9.068(1)	***c***	23.821(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.27(3)	γ	90.00

R-Factor (%): 12.54 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.760



Search: search1 (Thu May 26 10:05:42 2011): Hit 919

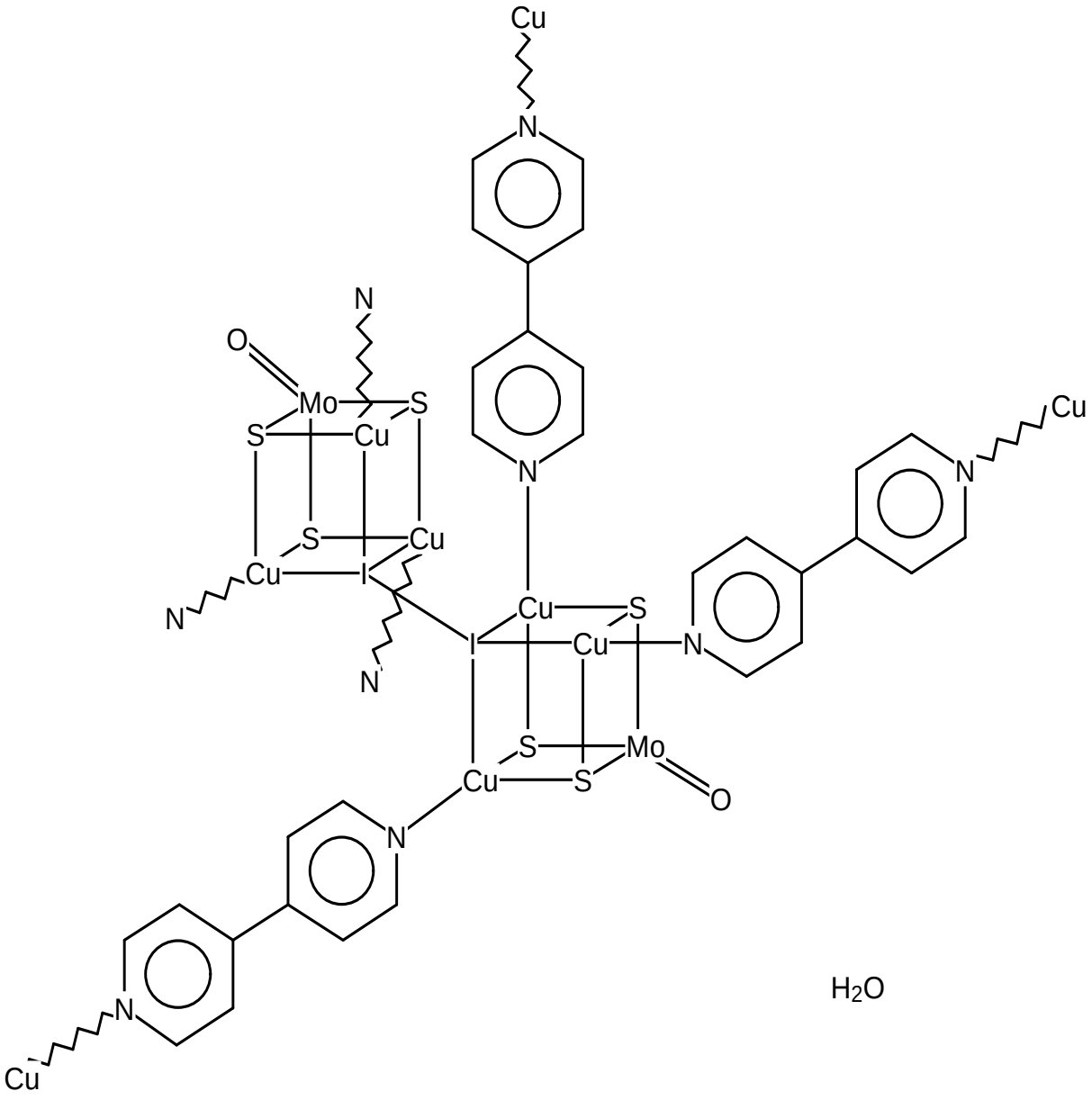
HOZTEW

Reference: Zhaorui Pan, Jiao Xu, Hegen Zheng, Kexuan Huang, Yizhi Li, Zijian Guo, S.R.Batten (2009) *Inorg.Chem. ,***48,**5772

Formula: $(C_{30}\ H_{24}\ Cu_6\ I_2\ Mo_2\ N_6\ O_2\ S_6)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_6-Diiodo)-hexakis(μ_3-sulfido)-tris(μ_2-4,4'-bipyridyl)-dioxo-hexa-copper-di-molybdenum monohydrate]

Space Group:	R-3c	***Cell:***	***a***	13.438(1)	***b***	13.438(1)	***c*** 40.600(7)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	4.49	***Temperature(K):***	293	***Density(g/cm^3):***	2.413		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 920

HUBKEV

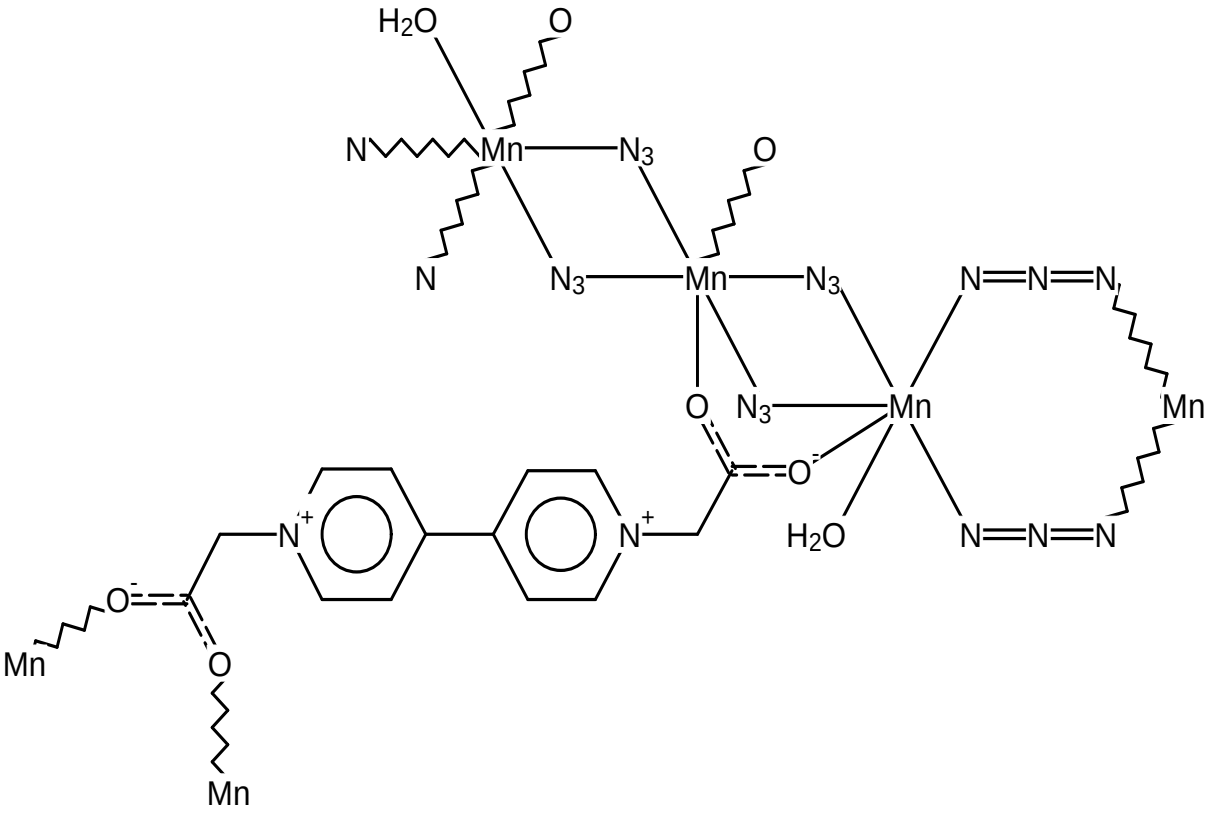
Reference: Yu Ma, Jian-Yong Zhang, Ai-Ling Cheng, Qian Sun, En-Qing Gao, Cai-Ming Liu (2009) *Inorg.Chem. ,***48,**6142

Formula: $(C_{14}\ H_{16}\ Mn_3\ N_{20}\ O_6)n$

Compound Name: catena-((μ_4-4,4'-Dipyridinio-N,N'-diacetato-O,O',O'',O''')-tetrakis(μ_2-azido-N,N)-bis(μ_2-azido-N,N'')-diaqua-tri-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	16.137(1)	***b***	13.495(1)	***c***	11.856(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.96(0)	γ	90.00

R-Factor (%): 2.45 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.880



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 921

HUBKIZ

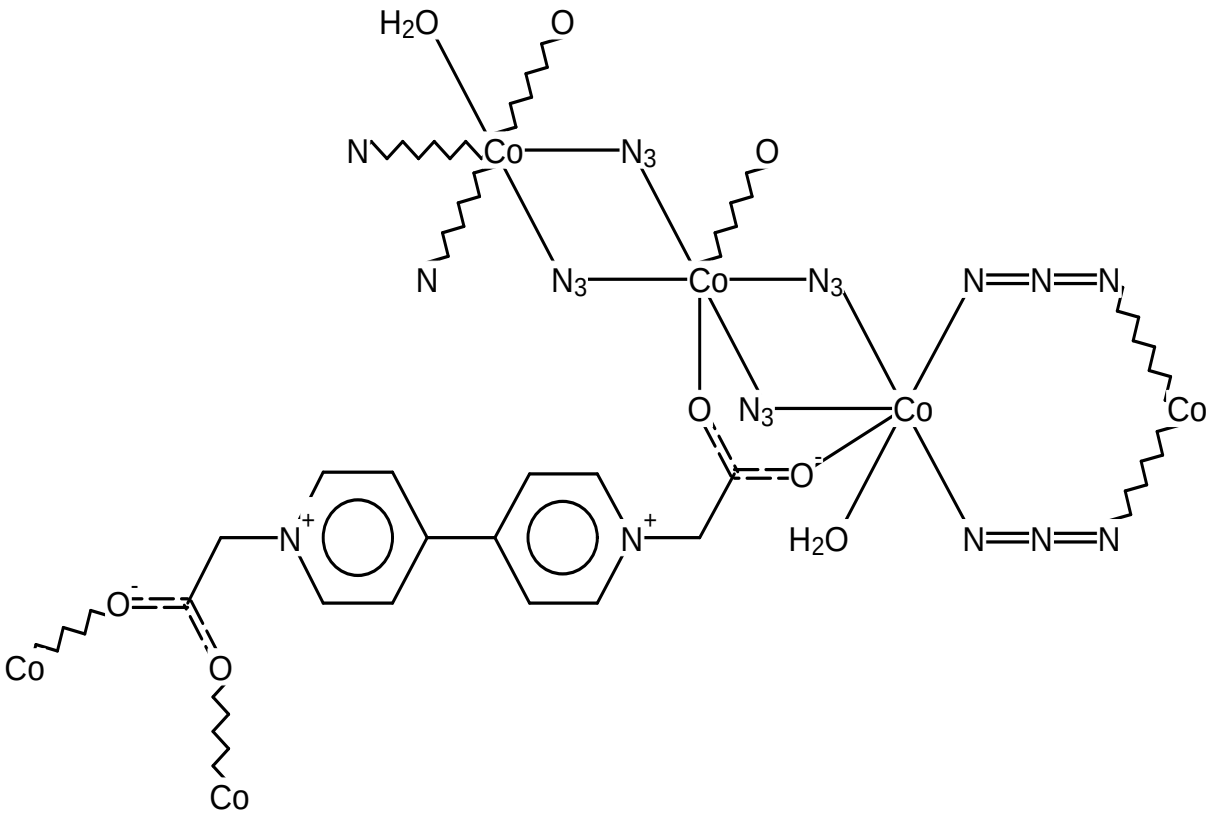
Reference: Yu Ma, Jian-Yong Zhang, Ai-Ling Cheng, Qian Sun, En-Qing Gao, Cai-Ming Liu (2009) *Inorg.Chem. ,***48,**6142

Formula: $(C_{14}\ H_{16}\ Co_3\ N_{20}\ O_6)n$

Compound Name: catena-((μ_4-4,4'-Dipyridinio-N,N'-diacetato-O,O',O'',O''')-tetrakis(μ_2-azido-N,N)-bis(μ_2-azido-N,N'')-diaqua-tri-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	15.922(0)	***b***	13.314(0)	***c***	11.705(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.66(0)	γ	90.00

R-Factor (%):	1.98	***Temperature(K):***	296	***Density(g/cm^3):***	1.987



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 922

HUBSAZ

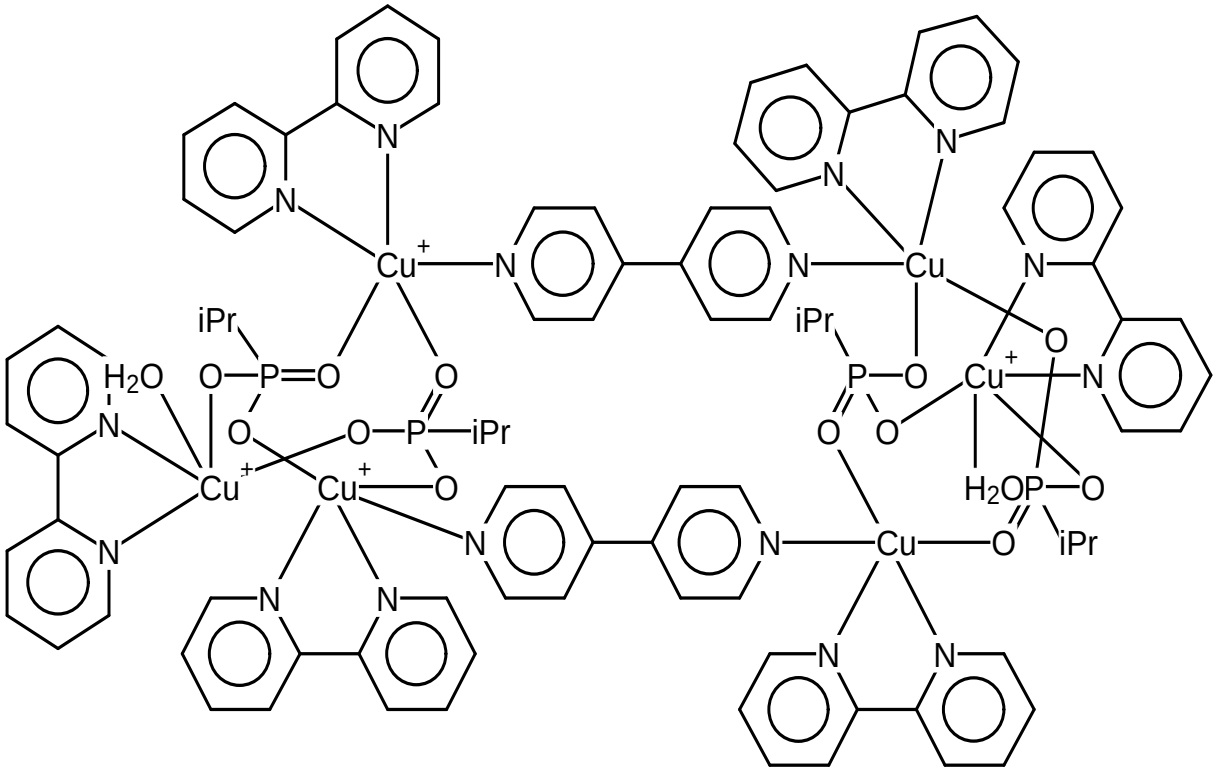
Reference: V.Chandrasekhar, T.Senapati, E.C.Sanudo, R.Clerac (2009) *Inorg.Chem.* ,**48,**6192

Formula: $C_{92}\ H_{96}\ Cu_6\ N_{16}\ O_{14}\ P_4\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),9($H_2\ O_1$)

Compound Name: tetrakis(μ_3-isopropylphosphonato)-bis(μ_2-4,4'-bipyridine)-hexakis(2,2'-bipyridine)-diaqua-hexa-copper(ii) tetraperchlorate nonahydrate

Space Group:	P-1	***Cell:***	***a***	12.979(5)	***b***	18.441(5)	***c***	23.548(5)
Space Group No.:	2	***(Å,°)***	α	93.13(0)	β	97.00(0)	γ	97.23(0)

R-Factor (%):	8.41	***Temperature(K):***	293	***Density(g/cm^3):***	1.629



ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 923

HUBSED

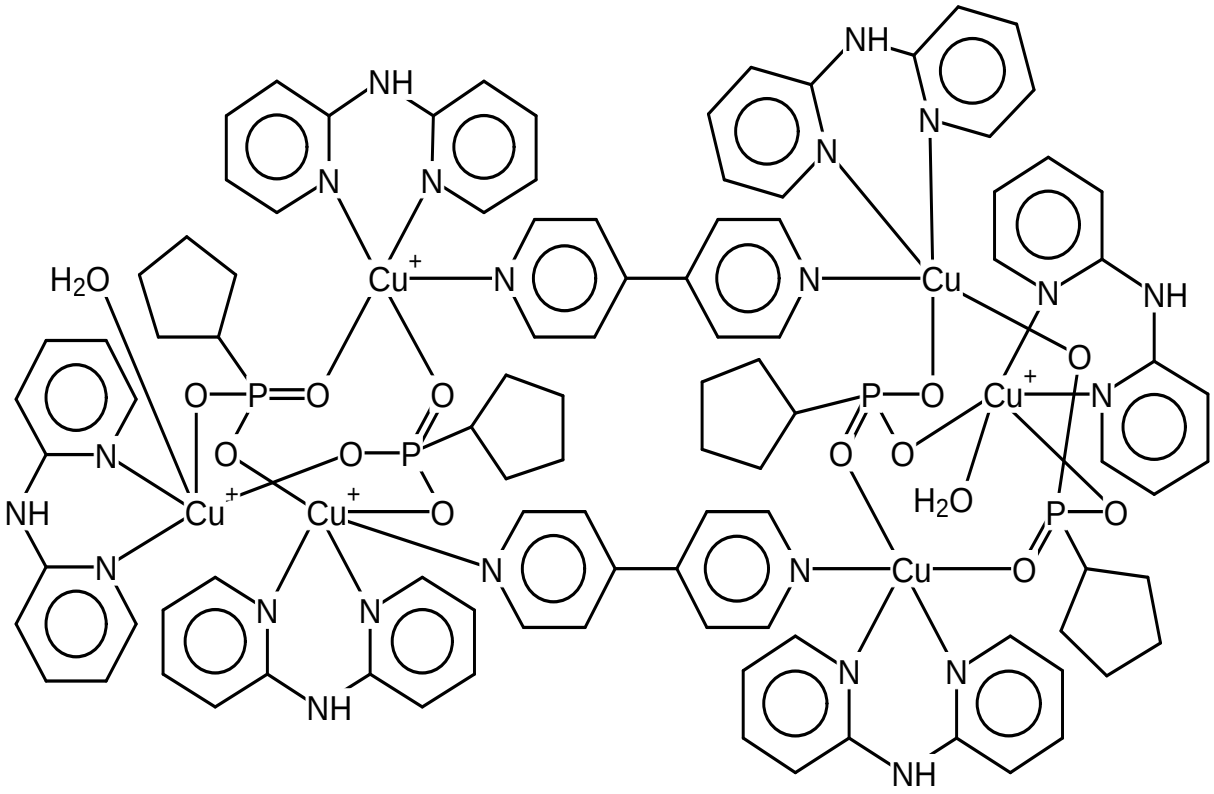
Reference: V.Chandrasekhar, T.Senapati, E.C.Sanudo, R.Clerac (2009) *Inorg.Chem.* ,**48,**6192

Formula: $C_{100}\ H_{110}\ Cu_6\ N_{22}\ O_{14}\ P_4\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),4($C_1\ H_4\ O_1$),2($H_2\ O_1$)

Compound Name: tetrakis(μ_3-cyclopentylphosphoato)-bis(μ_2-4,4'-bipyridine)-hexakis(2,2'-dipyridylamine-N,N')-diaqua-hexa-copper(ii) tetraperchlorate methanol solvate dihydrate

Space Group:	P-1	***Cell:***	***a***	13.652(0)	***b***	13.718(0)	***c***	18.620(1)
Space Group No.:	2	***(Å,°)***	α	70.45(0)	β	87.00(0)	γ	65.74(0)

R-Factor (%): 6.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.622


NH
N
Cu
+
H2O
O
P
O
NH
N
Cu
+
O
P
O
NH
N
Cu

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 924

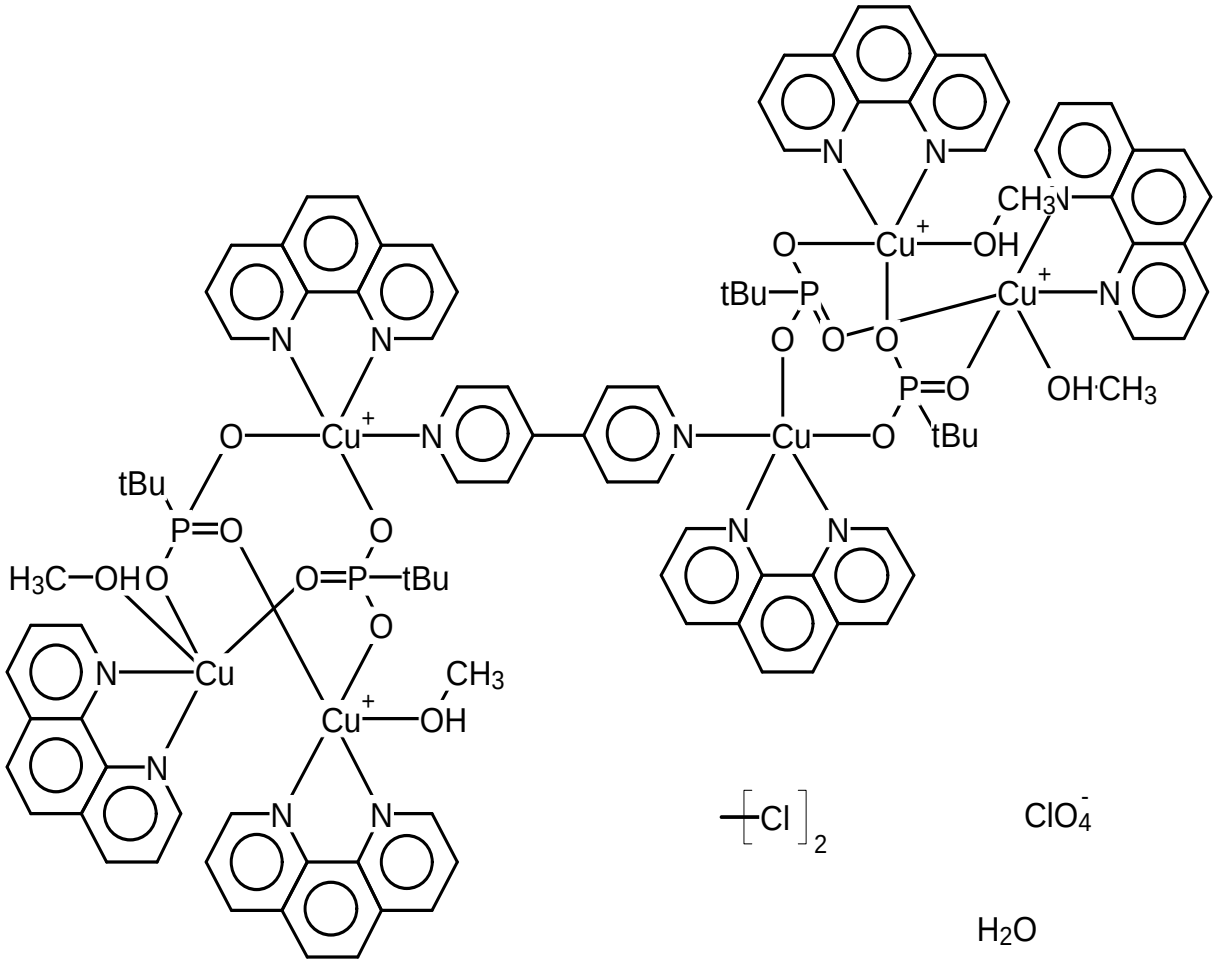
HUBSIH

Reference: V.Chandrasekhar, T.Senapati, E.C.Sanudo, R.Clerac (2009) *Inorg.Chem.* ,**48,**6192

Formula: $C_{102}\ H_{108}\ Cu_6\ N_{14}\ O_{16}\ P_4\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),2($C_1\ H_2\ Cl_2$),2($H_2\ O_1$)

Compound Name: tetrakis(μ_3-t-butylphosphonato)-(μ_2-4,4'-bipyridine)-hexakis(1,10-phenanthroline)-tetramethanol-hexa-copper(ii) tetraperchlorate dichloromethane solvate dihydrate

Space Group:	P-1	***Cell:***	***a***	13.147(1)	***b***	14.453(1)	***c*** 17.366(1)
Space Group No.:	2	***(Å,°)***	α	87.87(0)	β	68.83(0)	γ 71.56(0)
R-Factor (%):	7.11	***Temperature(K):***	293	***Density(g/cm^3):***	1.653		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 925

HUCHAP

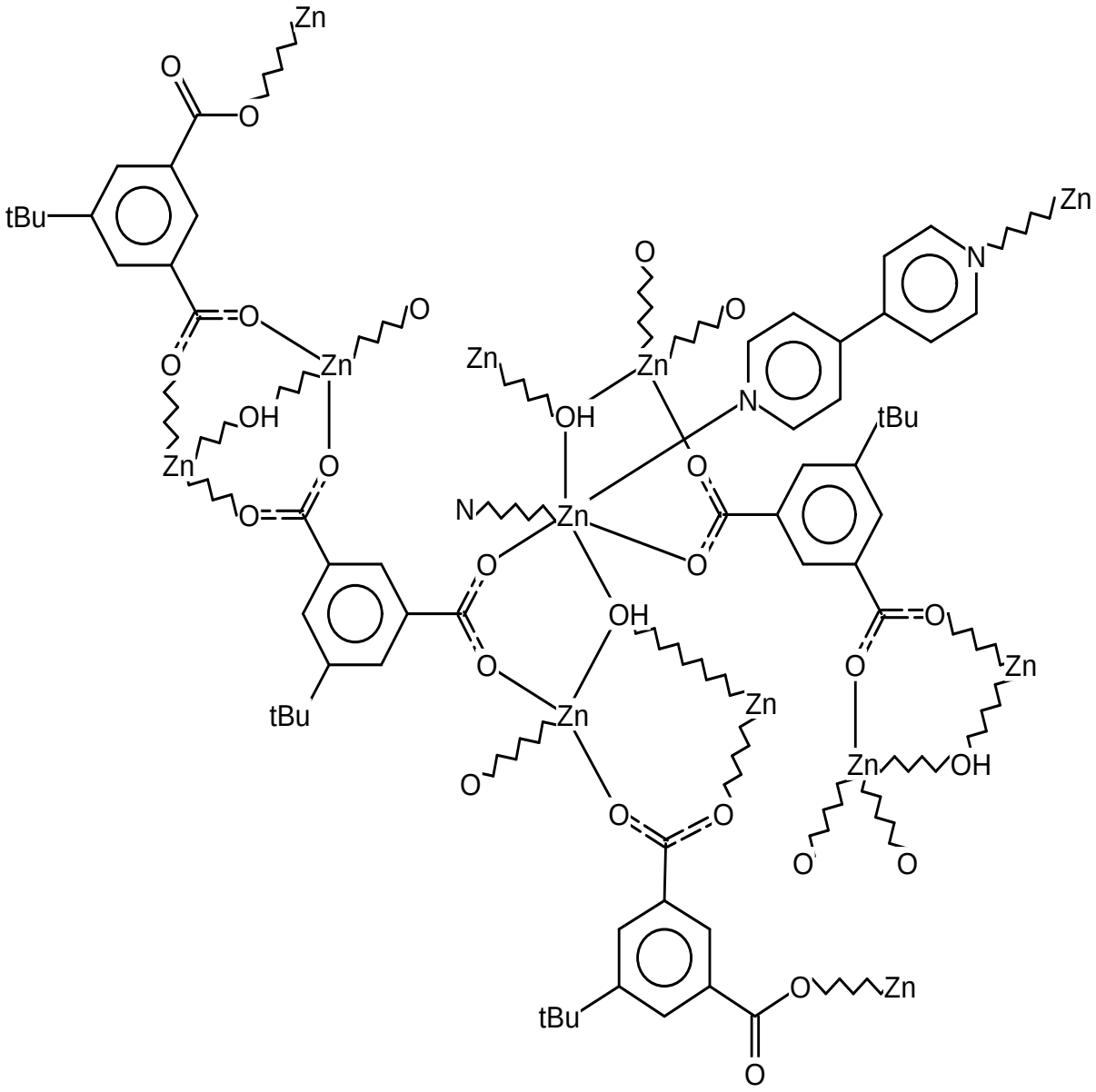
Reference: Dong-Sheng Zhou, Di Sun, Shi-Yao Yang, Rong-Bin Huang (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**65,** m1078

Formula: $(C_{58}\ H_{58}\ N_2\ O_{18}\ Zn_5)n$

Compound Name: catena-(bis(μ_4-5-t-Butylisophthalato-O,O',O'',O''')-bis(μ_3-5-t-butylisophthalato-O,O',O'')-bis(μ_3-hydroxo)-(μ_2-4,4'-bipyridine-N,N')-penta-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	26.200(0)	***b*** 11.259(0)	***c***	19.622(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.04(0)	γ	90.00

R-Factor (%): 2.83 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.640



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 926

HUCJIZ

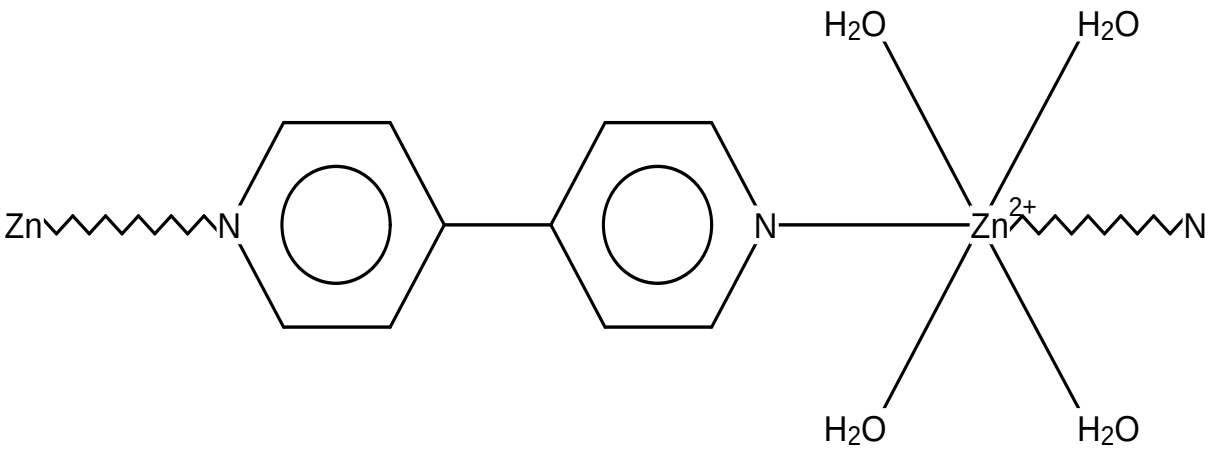
Reference: Jing Lin, Wen-Lian Cai (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1088

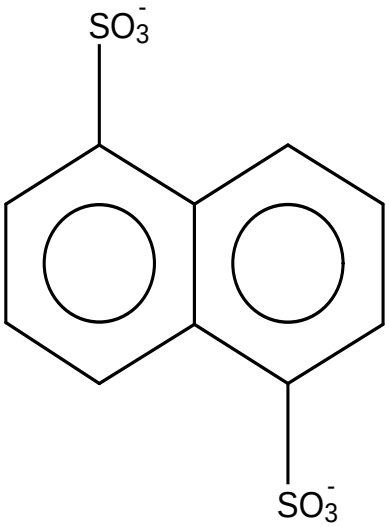
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_{10}\ H_6\ O_6\ S_2\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetraaqua-zinc(ii) naphthalene-1,5-disulfonate)

Space Group:	C2/m	***Cell:***	***a***	14.584(3)	***b*** 7.395(1)	***c***	11.380(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β 108.38(3)	γ	90.00

R-Factor (%): 3.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.654





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 927

HUMDIC

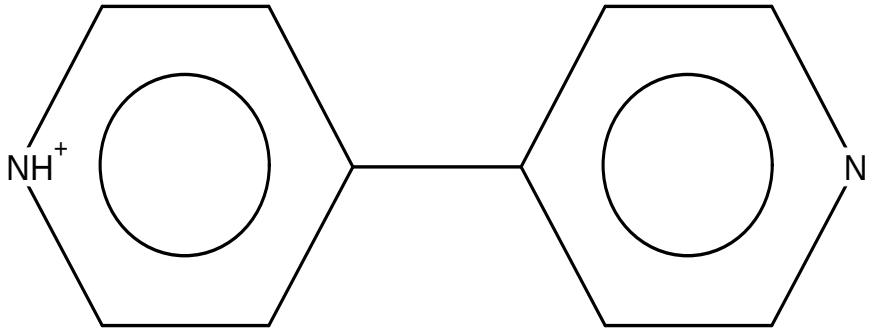
Reference: Heng Xu, Jingli Xie, Xiaoming Ren, Youcun Chen (2002)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**58,**m750

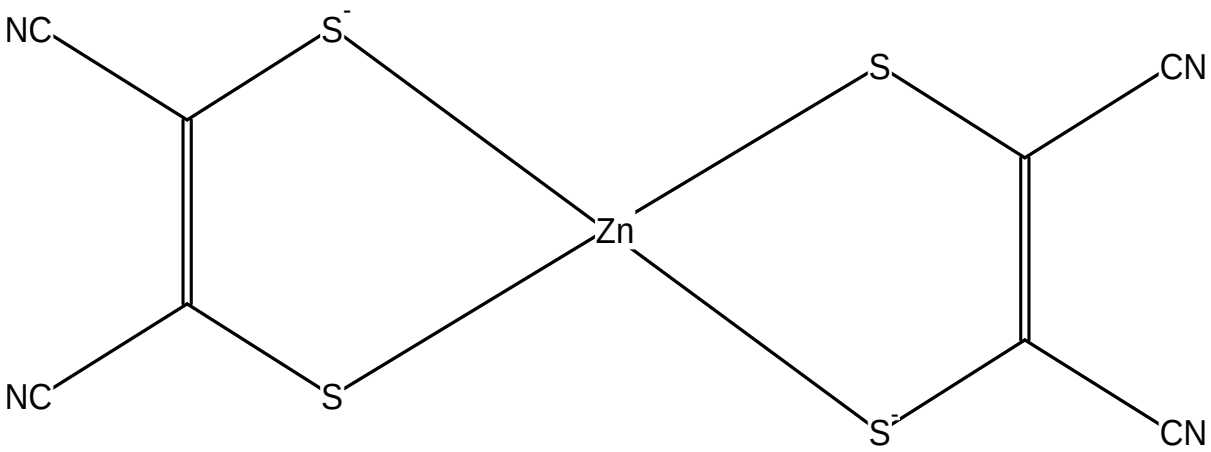
Formula: $2(C_{10}\,H_9\,N_2\,^{1+}),C_8\,N_4\,S_4\,Zn_1\,^{2-},C_2\,H_3\,N_1$

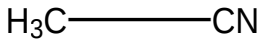
Compound Name: bis(4,4'-Bipyridyl-1-ium) bis(maleonitrile-2,3-thiolato-S,S')-zinc(ii) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a***	9.591(1)	***b***	10.086(1)	***c*** 16.659(2)
Space Group No.:	2	***(Å,°)***	α	88.22(1)	β	76.84(1)	γ 88.00(1)

R-Factor (%): 4.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.485







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 928

HURZUP

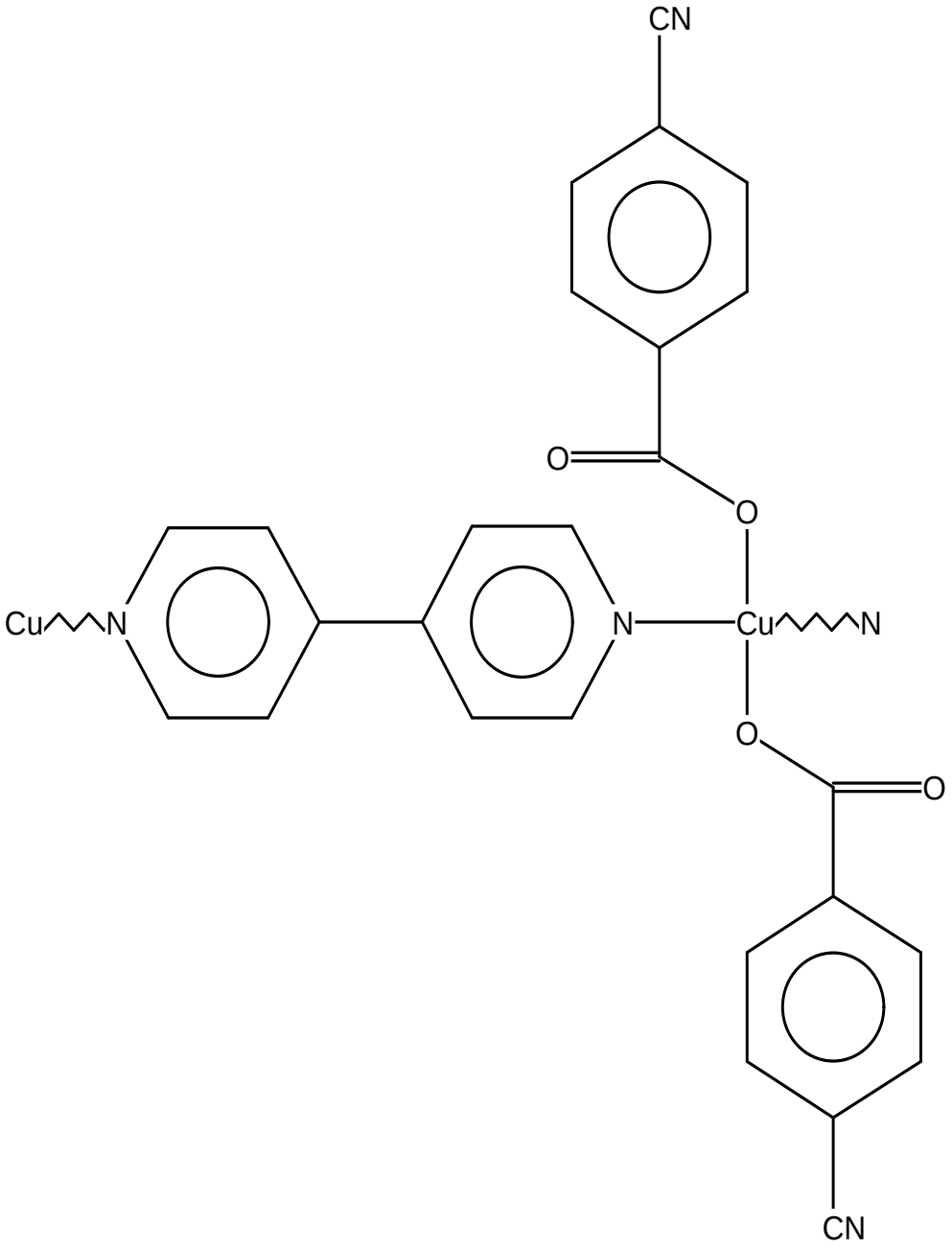
Reference: Hong-Yin He, Long-Guan Zhu (2003)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**59,**o174

Formula: $(C_{26}\ H_{16}\ Cu_1\ N_4\ O_4)n$

Compound Name: catena-((bis(4-Cyanobenzoato-O))-(μ_2-4,4'-bipyridine-N,N')-copper(ii))

Space Group:	P-1	***Cell:***	***a***	5.328(1)	***b***	8.974(1)	***c*** 12.195(2)
Space Group No.:	2	***(Å,°)***	α	99.73(0)	β	92.50(0)	γ 100.19(0)

R-Factor (%): 5.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.507



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 929

HUTZIF

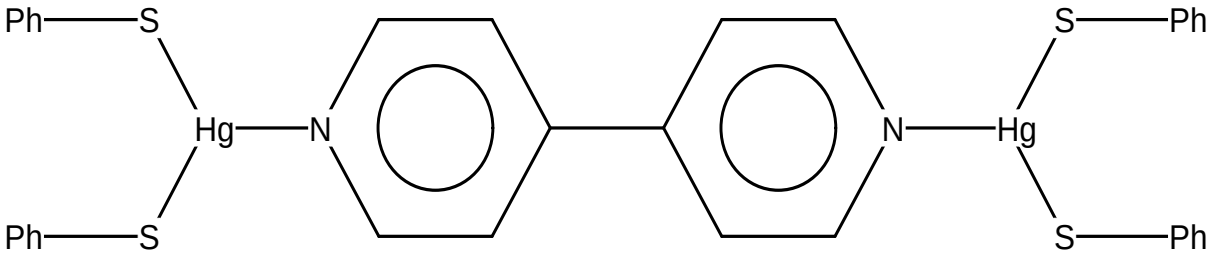
Reference: Meng Tack Ng, T.C.Deivaraj, J.J.Vittal (2002)
*Main Group Met.Chem. ,***25,**581

Formula: $C_{34}\ H_{28}\ Hg_2\ N_2\ S_4$

Compound Name: (μ_2-4,4'-bipyridyl)-tetrakis(phenylthiolato)-di-mercury

Space Group:	P-1	***Cell:***	***a***	9.327(0)	***b*** 10.364(0)	***c***	17.076(1)
Space Group No.:	2	***(Å,°)***	α	77.30(0)	β 86.69(0)	γ	82.71(0)

R-Factor (%): 4.29 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 2.068



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 930

HUVFAF

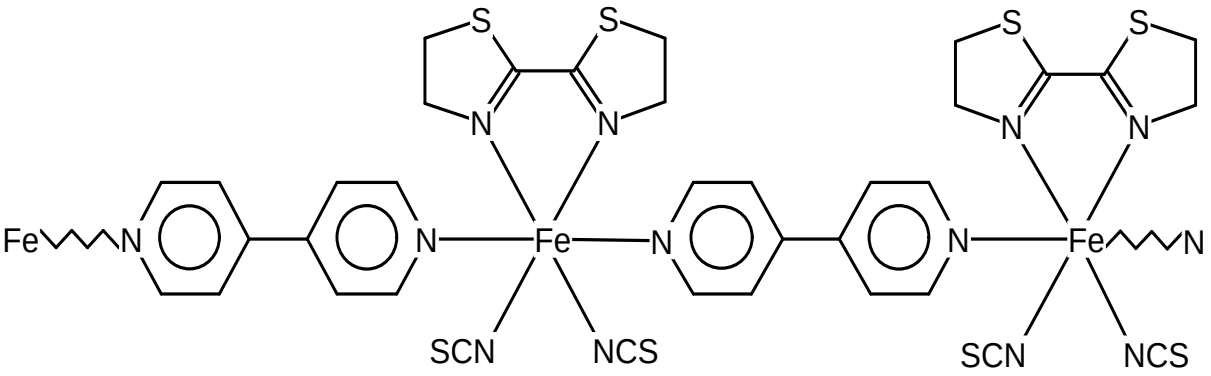
Reference: N.Moliner, M.C.Munoz, S.Letard, L.Salmon, J.-P.Tuchagues, A.Bousseksou, J.A.Real (2002) *Inorg.Chem. ,***41,**6997

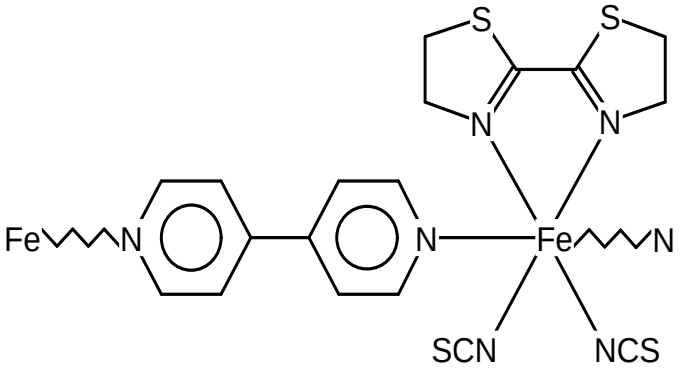
Formula: $(C_{36}\ H_{32}\ Fe_2\ N_{12}\ S_8)n,n(C_{18}\ H_{16}\ Fe_1\ N_6\ S_4)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-bis(isothiocyanate)-(2,2'-bi(2-thiazoline))-iron(ii)) (μ$_2$-4,4'-bipyridine)-diisothiocyanato-(2,2'-bi(2-thiazoline))-iron(ii))

Space Group:	Fdd2	***Cell:***	***a***	38.962(8)	***b***	11.545(2)	***c***	30.889(6)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.435





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 931

HUWRUM

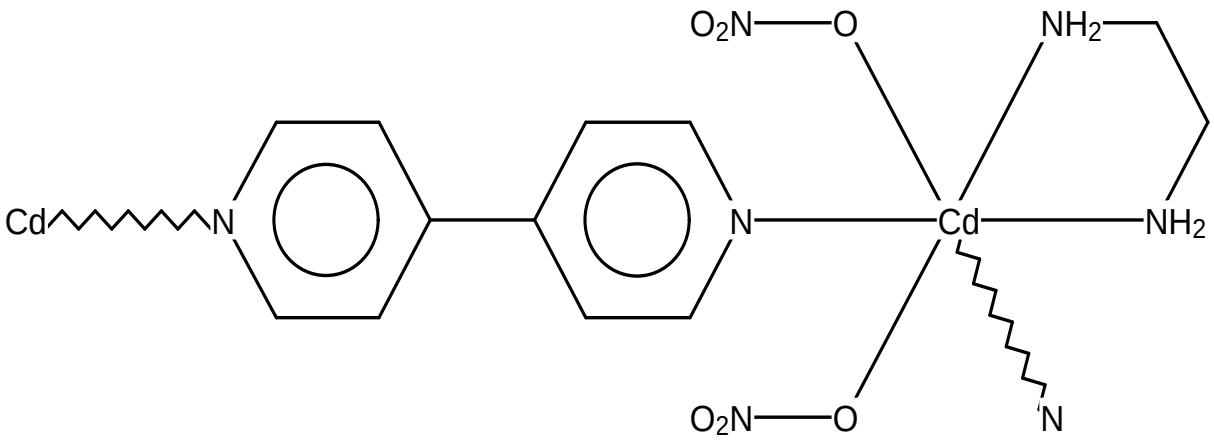
Reference: Linke Li, Bingyi Chen, Yinglin Song, Gang Li, Hongwei Hou, Yaoting Fan, Liwei Mi (2003) *Inorg.Chim.Acta ,***344,**95

Formula: $(C_{12}\ H_{16}\ Cd_1\ N_6\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(ethylenediamine)-bis(nitrato-O)-cadmium)

Space Group:	C2/c	***Cell:***	***a***	8.156(1)	***b***	18.639(4)	***c***	11.807(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.86(3)	γ	90.00

R-Factor (%): 2.82 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.700



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 932

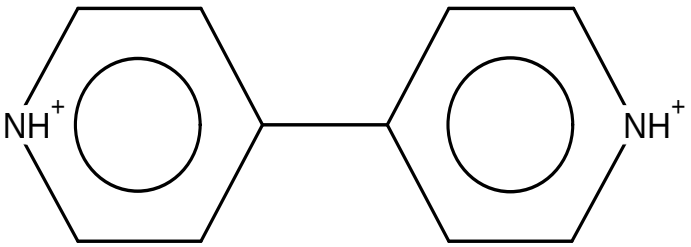
IBAVOX

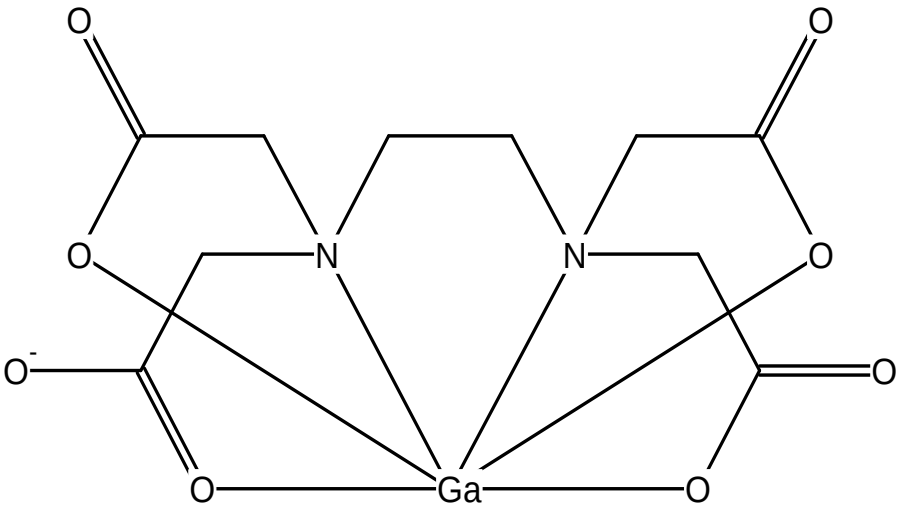
Reference: S.P.Petrosyants, A.B.Ilyukhin (2004)
Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.) ,**49,**388

Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,2($C_{10}\,H_{12}\,Ga_1\,N_2\,O_8\,^{1-}$),4($H_2\,O_1$)

Compound Name: 4,4'-Bipyridinium bis(ethylenediaminotetraacetato-gallium(iii)) tetrahydrate

Space Group:	P21	***Cell:***	***a***	6.656(1)	***b*** 13.967(3)	***c***	19.778(4)
Space Group No.:	4	***(Å,°)***	α	90.00	β 91.51(0)	γ	90.00
R-Factor (%):	6.67	***Temperature(K):***	113		***Density(g/cm^3):***		1.710





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 933

IBEVUG

Reference: P.J.Hagrman, R.L.La Duca Junior, H.-J.Koo, R.Rarig Junior, R.C.Haushalter, M.-H.Whangbo, J.Zubieta (2000) *Inorg.Chem. ,***39,**4311

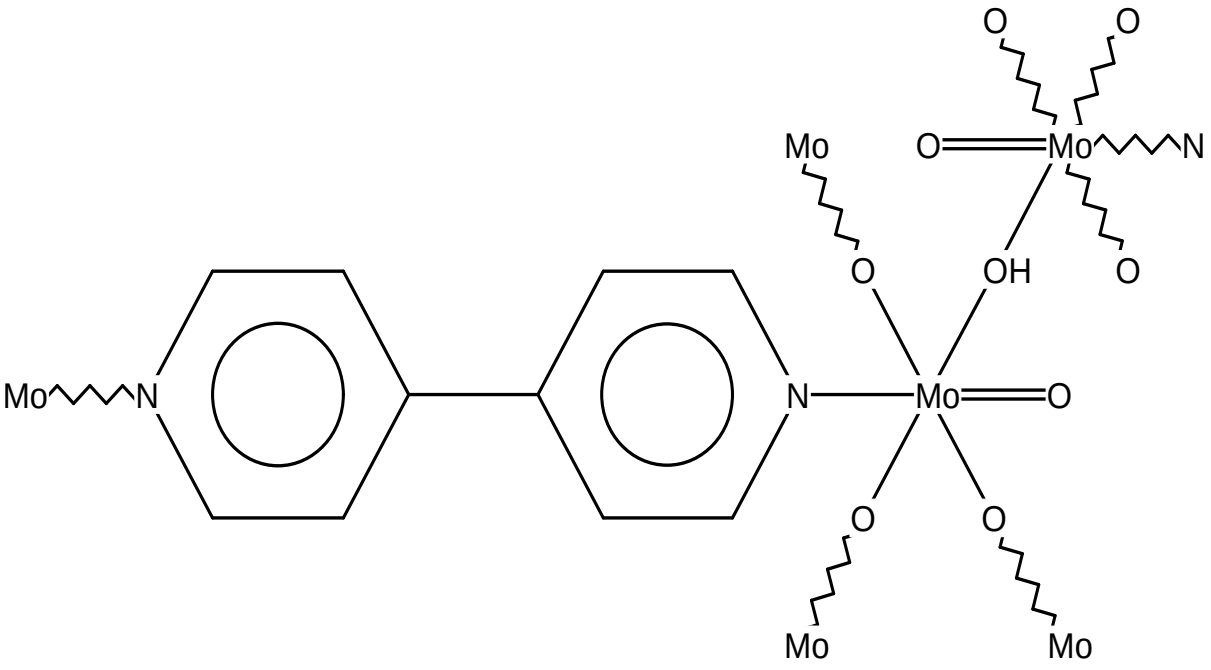
Formula: $(C_{10}\ H_9\ Mo_2\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-hydroxo)-tris(μ_2-oxo)-dioxo-di-molybdenum)

Synonym: MOXI-9

Space Group:	I2/m	***Cell:***	***a***	5.264(0)	***b***	5.264(0)	***c***	22.730(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β	90.04(0)	γ	90.00

R-Factor (%): 2.85 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.347



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 934

IBIYOI

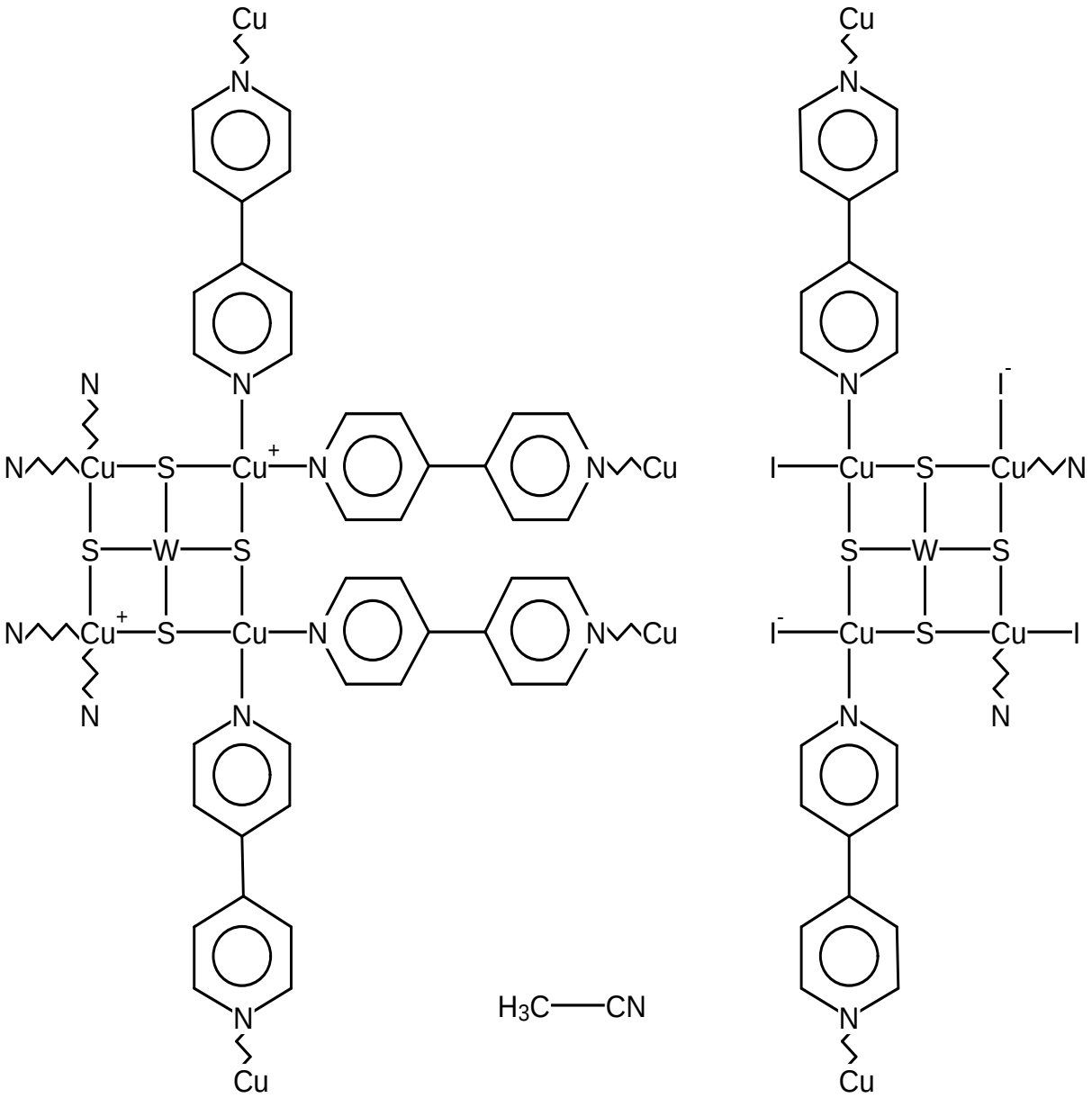
Reference: Jian-Ping Lang, Qing-Feng Xu, Rong-Xin Yuan, B.F.Abrahams (2004) *Angew.Chem.,Int.Ed.* ,**43,**4741

Formula: $(C_{40}\ H_{32}\ Cu_4\ N_8\ S_4\ W_1\ ^{2+})n,n(C_{20}\ H_{16}\ Cu_4\ I_4\ N_4\ S_4\ W_1\ ^{2-}),8n(C_2\ H_3\ N_1)$

Compound Name: catena-(tetrakis((μ3-Sulfido)-(μ2-4,4'-bipyridine)-copper(i))-tungsten(vi) tetrakis(μ3-sulfido)-bis(μ2-4,4'-bipyridine)-tetraiodo-tetra-copper(i)-tungsten(vi) octakis(acetonitrile) clathrate)

Space Group:	I41/acd	***Cell:***	***a***	24.803(1)	***b***	24.803(1)	***c***	28.170(2)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.20 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 2.227



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 935

IBIYUO

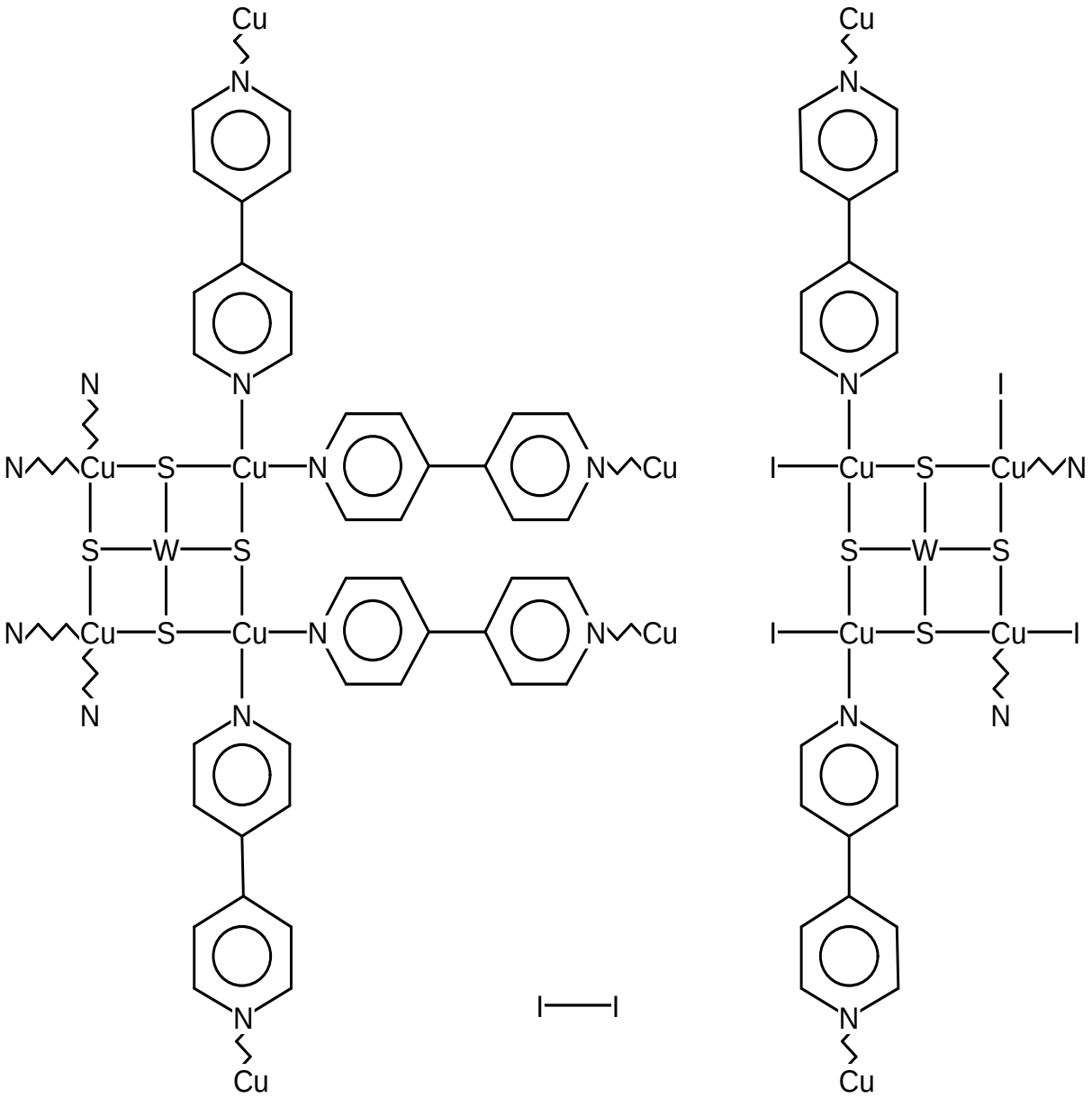
Reference: Jian-Ping Lang, Qing-Feng Xu, Rong-Xin Yuan, B.F.Abrahams (2004) *Angew.Chem.,Int.Ed.* ,**43,**4741

Formula: $(C_{40}\ H_{32}\ Cu_4\ N_8\ S_4\ W_1)n,n(C_{20}\ H_{16}\ Cu_4\ I_4\ N_4\ S_4\ W_1),2n(I_2)$

Compound Name: catena-(tetrakis((μ3-Sulfido)-(μ2-4,4'-bipyridine)-copper(i))-tungsten(vi) tetrakis(μ3-sulfido)-bis(μ2-4,4'-bipyridine)-tetraiodo-tetra-copper(i)-tungsten(vi) bis(iodine) clathrate)

Space Group:	I41/acd	***Cell:***	***a***	24.803(2)	***b***	24.803(2)	***c***	28.412(3)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.00 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 2.345



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 936

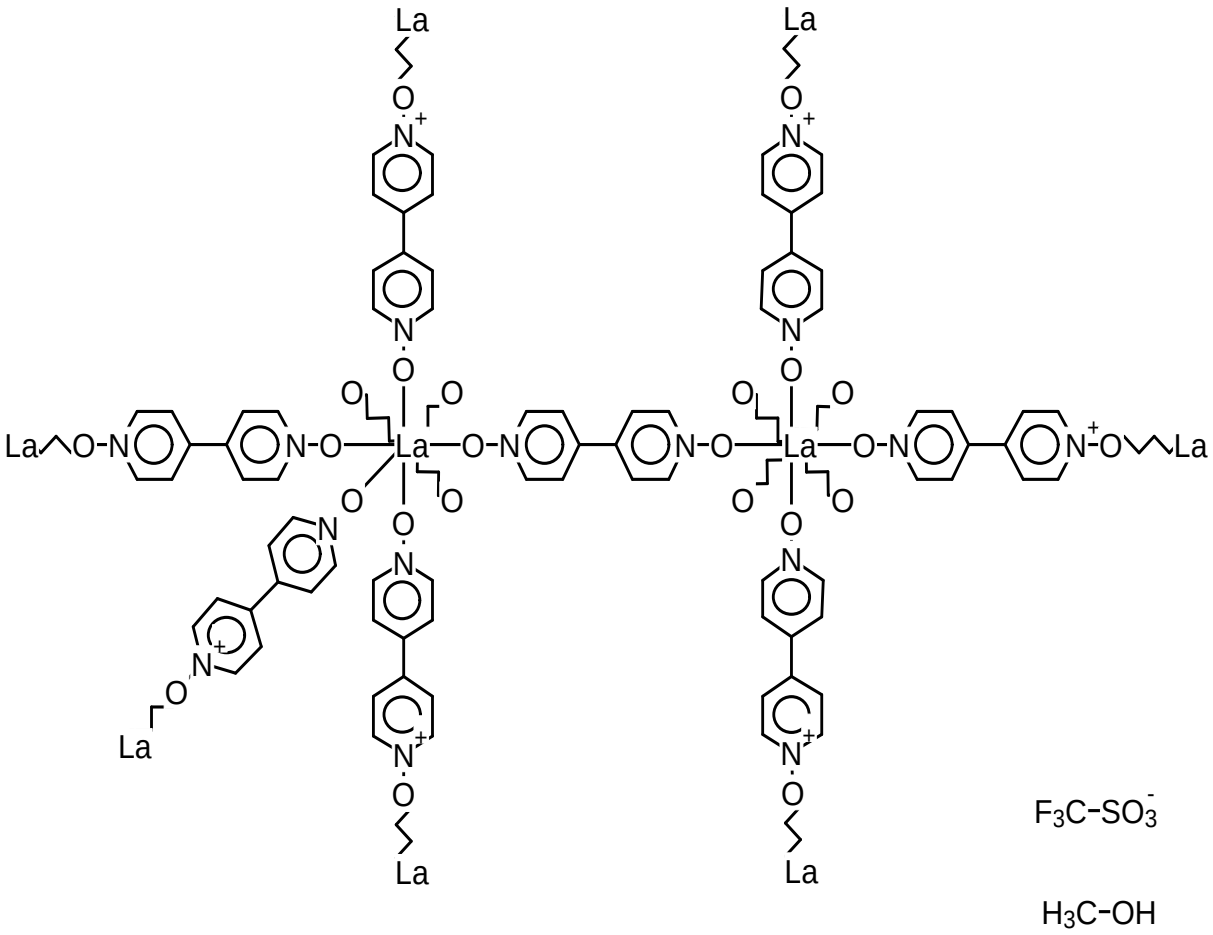
IBOTEY

Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *Angew.Chem.,Int.Ed.* ,**40,**2444

Formula: $(C_{80}\ H_{64}\ La_2\ N_{16}\ O_{16}\ ^{6+})n,6n(C_1\ F_3\ O_3\ S_1\ ^{1-}),8.4n(C_1\ H_4\ O_1)$

Compound Name: catena-(octakis(μ_2-4,4'-Bipyridine-N,N'-dioxido)-di-lanthanum(iii) hexakis(trifluoromethanesulfonate) methanol solvate)

Space Group:	P-4c2	***Cell:***	***a***	25.997(0)	***b***	25.997(0)	***c*** 26.785(0)
Space Group No.:	116	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	13.20	***Temperature(K):***	150		***Density(g/cm^3):***		1.622



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 937

IBOTIC

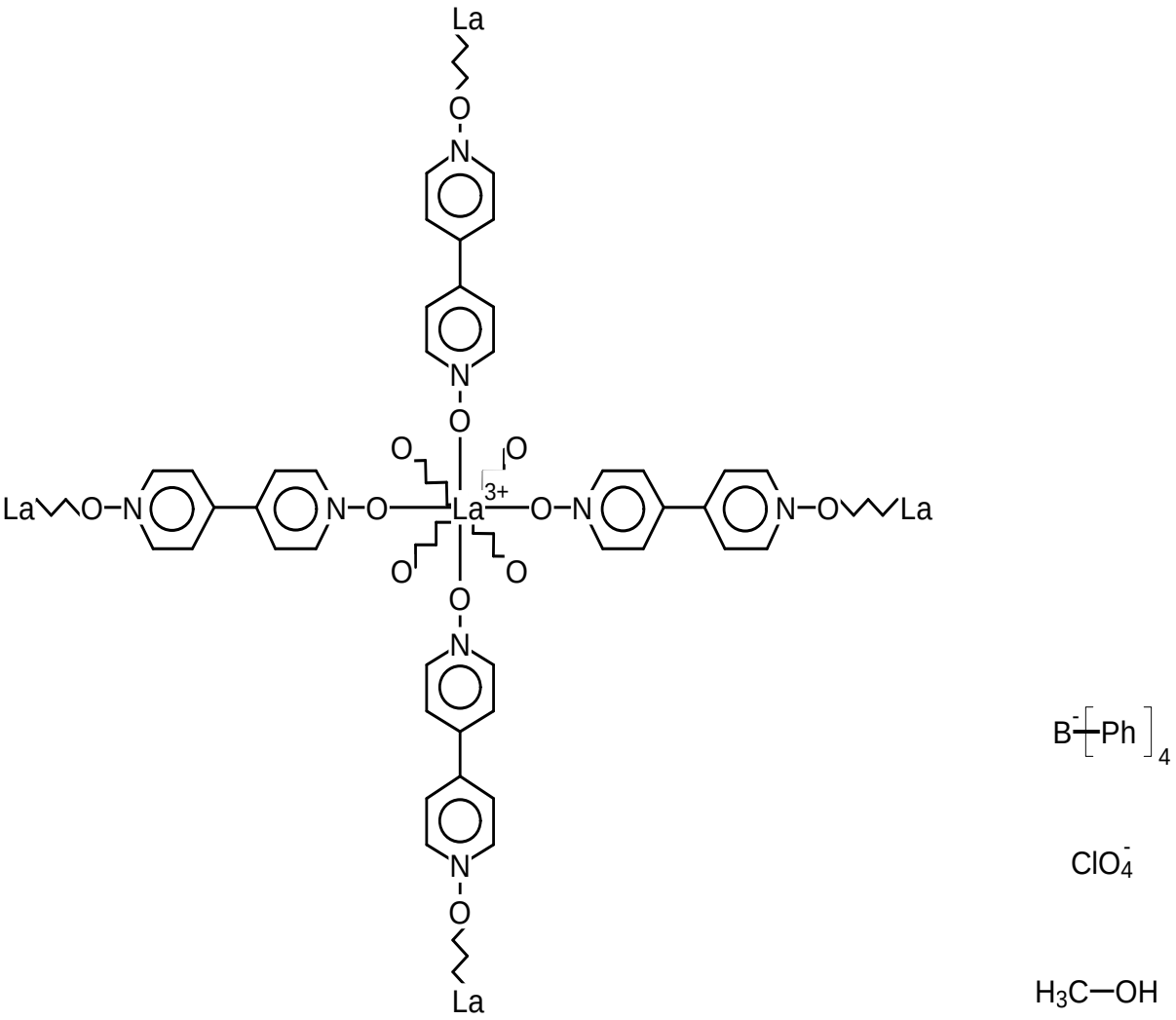
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *Angew.Chem.,Int.Ed.* ,**40,**2444

Formula: $(C_{40}\ H_{32}\ La_1\ N_8\ O_8\ ^{3+})n,n(C_{24}\ H_{20}\ B_1\ ^{1-}),2n(Cl_1\ O_4\ ^{1-}),2.75n(C_1\ H_4\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N'-dioxido)-lanthanum(iii) tetraphenylborate diperchlorate methanol solvate clathrate)

Space Group:	P21/n	***Cell:***	***a*** 13.224(1)	***b*** 38.366(3)	***c*** 13.252(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 99.75(0)	γ 90.00

R-Factor (%): 6.20 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.502



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 938

IBOTOI

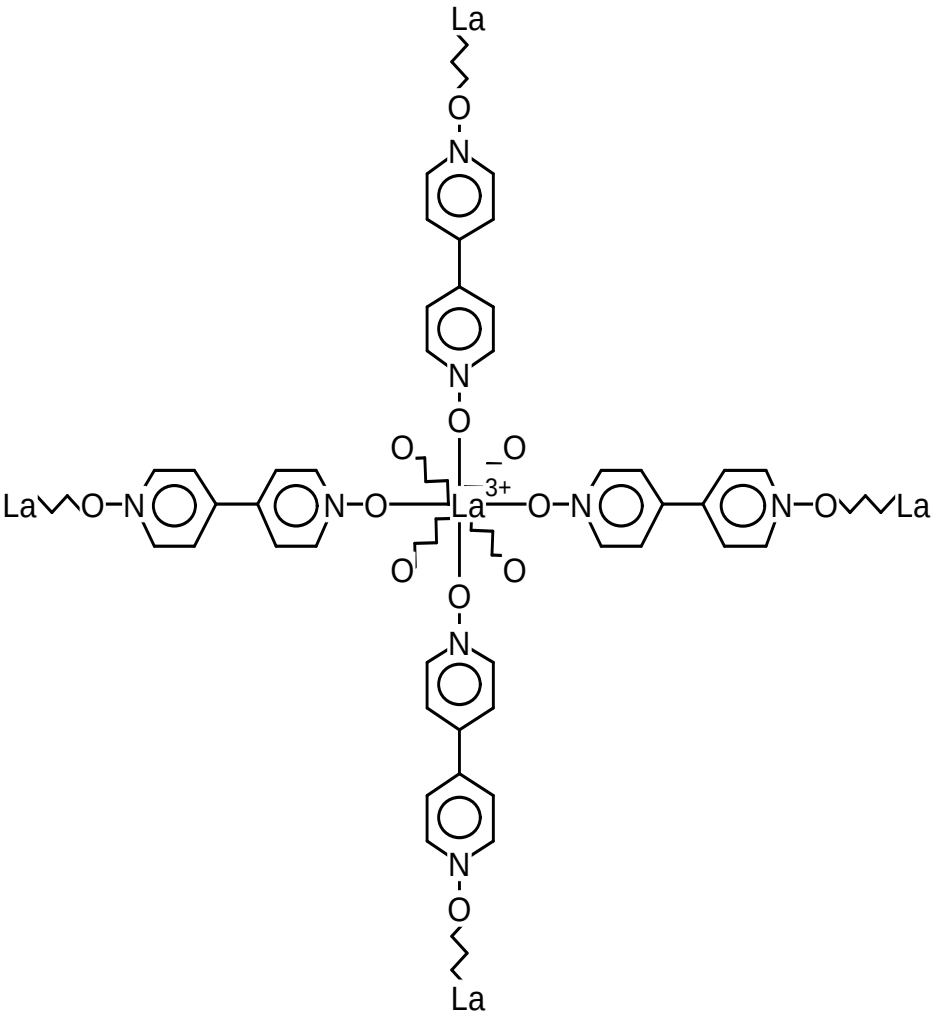
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *Angew.Chem.,Int.Ed.* ,**40,**2444

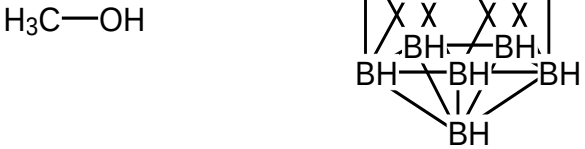
Formula: $(C_{40}\ H_{32}\ La_1\ N_8\ O_8\ ^{3+})n,3n(C_4\ H_{22}\ B_{18}\ Co_1\ ^{1-}),0.5n(C_1\ H_4\ O_1)$

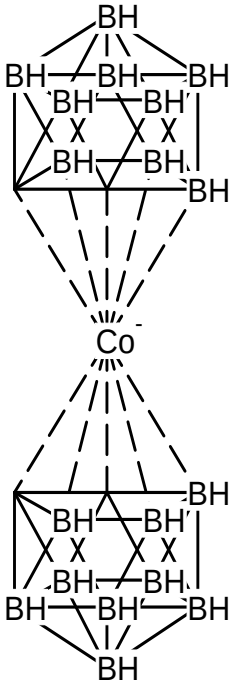
Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N'-dioxido)-lanthanum(iii) tris(bis(η^5-7,8-dicarba-nido-undecaborate(11))-cobalt) methanol solvate clathrate)

Space Group:	P21212	***Cell:***	***a***	17.570(1)	***b***	18.571(2)	***c***	13.336(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.40 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.434







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 939

IBOTUO

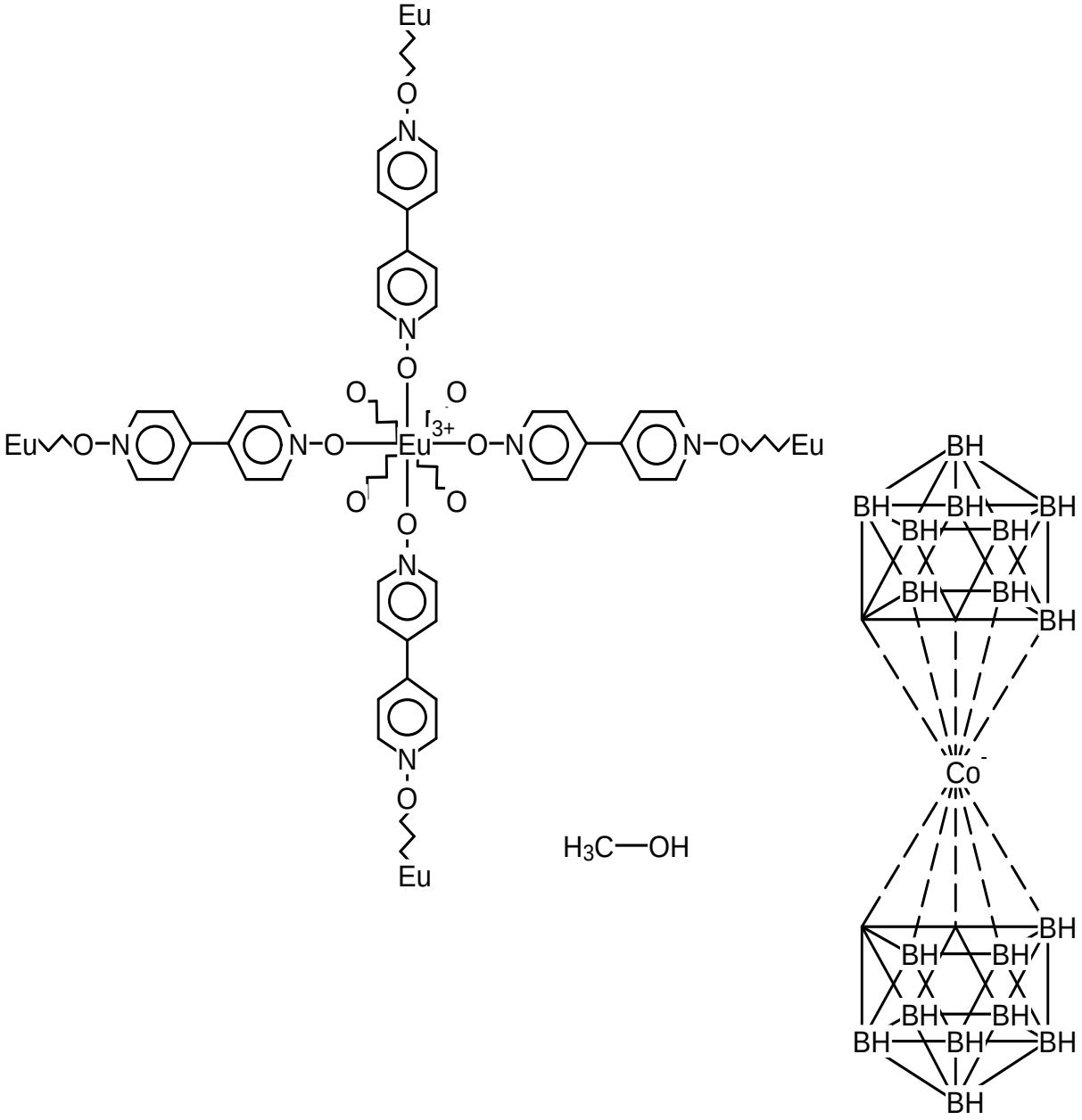
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *Angew.Chem.,Int.Ed.* ,**40,**2444

Formula: $(C_{40}\ H_{32}\ Eu_1\ N_8\ O_8\ ^{3+})n,3n(C_4\ H_{22}\ B_{18}\ Co_1\ ^{1-}),0.5n(C_1\ H_4\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N'-dioxido)-europium(iii) tris(bis(η^5-7,8-dicarba-nido-undecaborate(11))-cobalt) methanol solvate clathrate)

Space Group:	P21212	***Cell:***	***a***	17.425(0)	***b***	18.635(0)	***c*** 13.202(0)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.466



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 940

IBOVAW

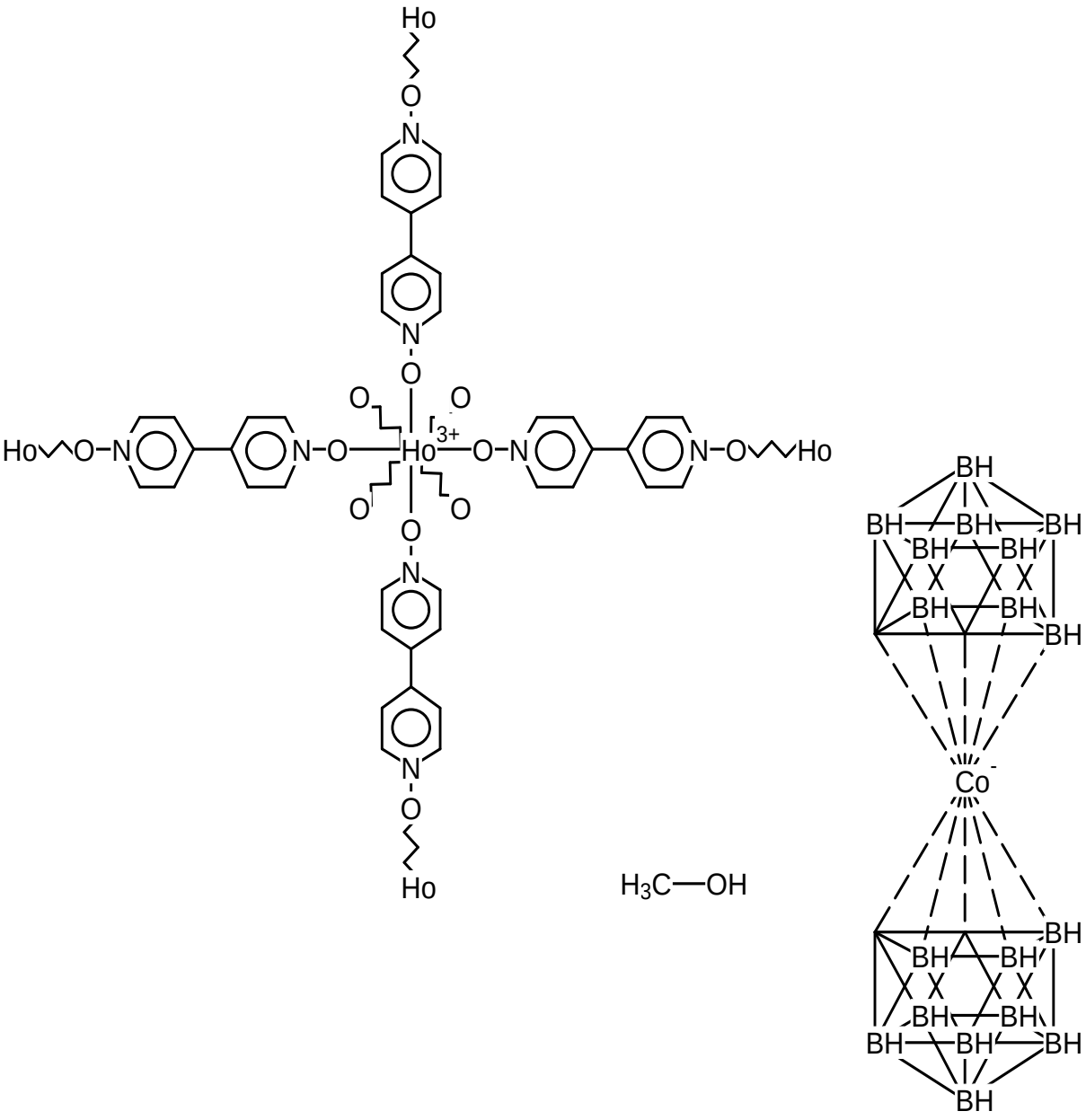
Reference: De-Liang Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *Angew.Chem.,Int.Ed.* ,**40,**2444

Formula: $(C_{40}\ H_{32}\ Ho_1\ N_8\ O_8\ ^{3+})n,3n(C_4\ H_{22}\ B_{18}\ Co_1\ ^{1-}),0.5n(C_1\ H_4\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N'-dioxido)-holmium(iii) tris(bis(η^5-7,8-dicarba-nido-undecaborate(11))-cobalt) methanol solvate clathrate)

Space Group:	P21212	***Cell:***	***a***	17.363(7)	***b***	18.715(5)	***c*** 13.184(5)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.477



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 941

ICAGEZ

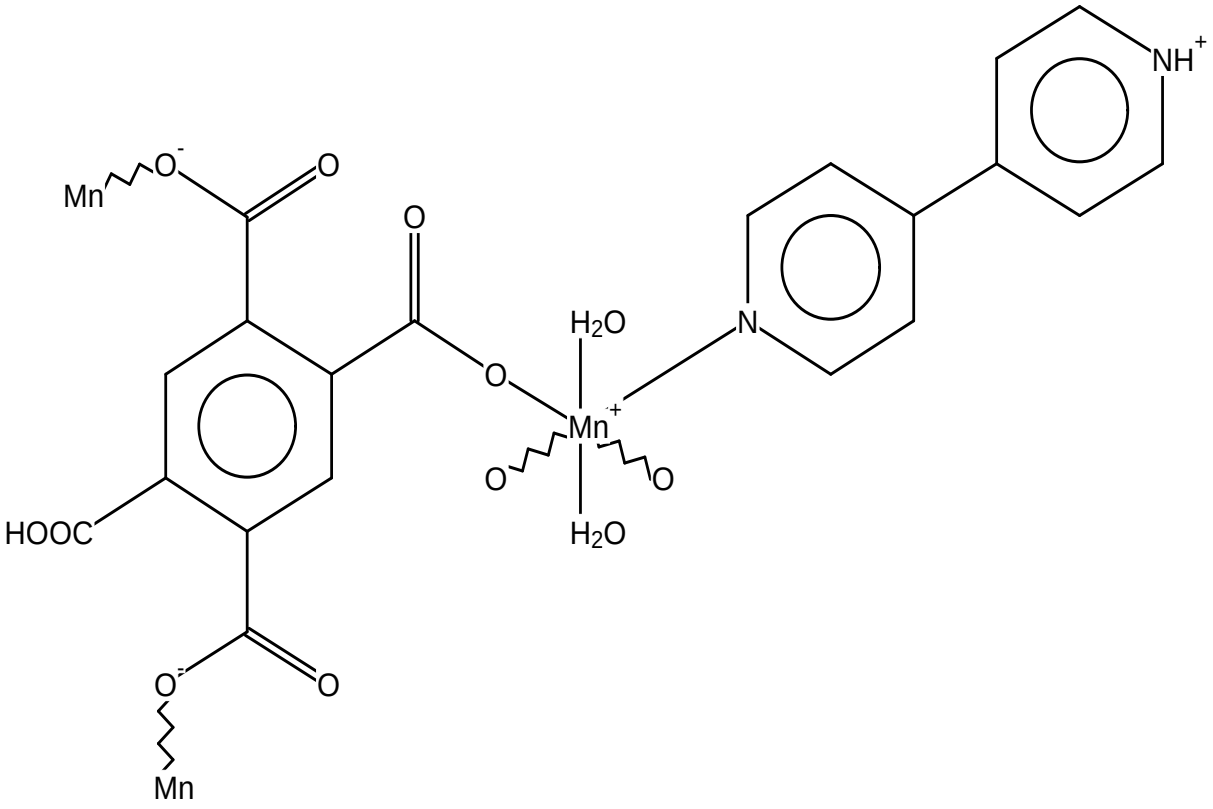
Reference: C.Ruiz-Perez, P.Lorenzo-Luis, M.Hernandez-Molina, M.M.Laz, F.S.Delgado, P.Gili, M.Julve (2004) *Eur.J.Inorg.Chem.* ,3873

Formula: $(C_{20}\ H_{16}\ Mn_1\ N_2\ O_{10})n$

Compound Name: catena-((μ_3-1-carboxybenzene-2,4,5-tricarboxlyato)-(4,4'-bipyridinium)-diaqua-manganese(ii))

Space Group:	Pbca	***Cell:***	***a***	20.694(4)	***b***	7.627(2)	***c***	24.512(5)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.44 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.714



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 942

ICAGID

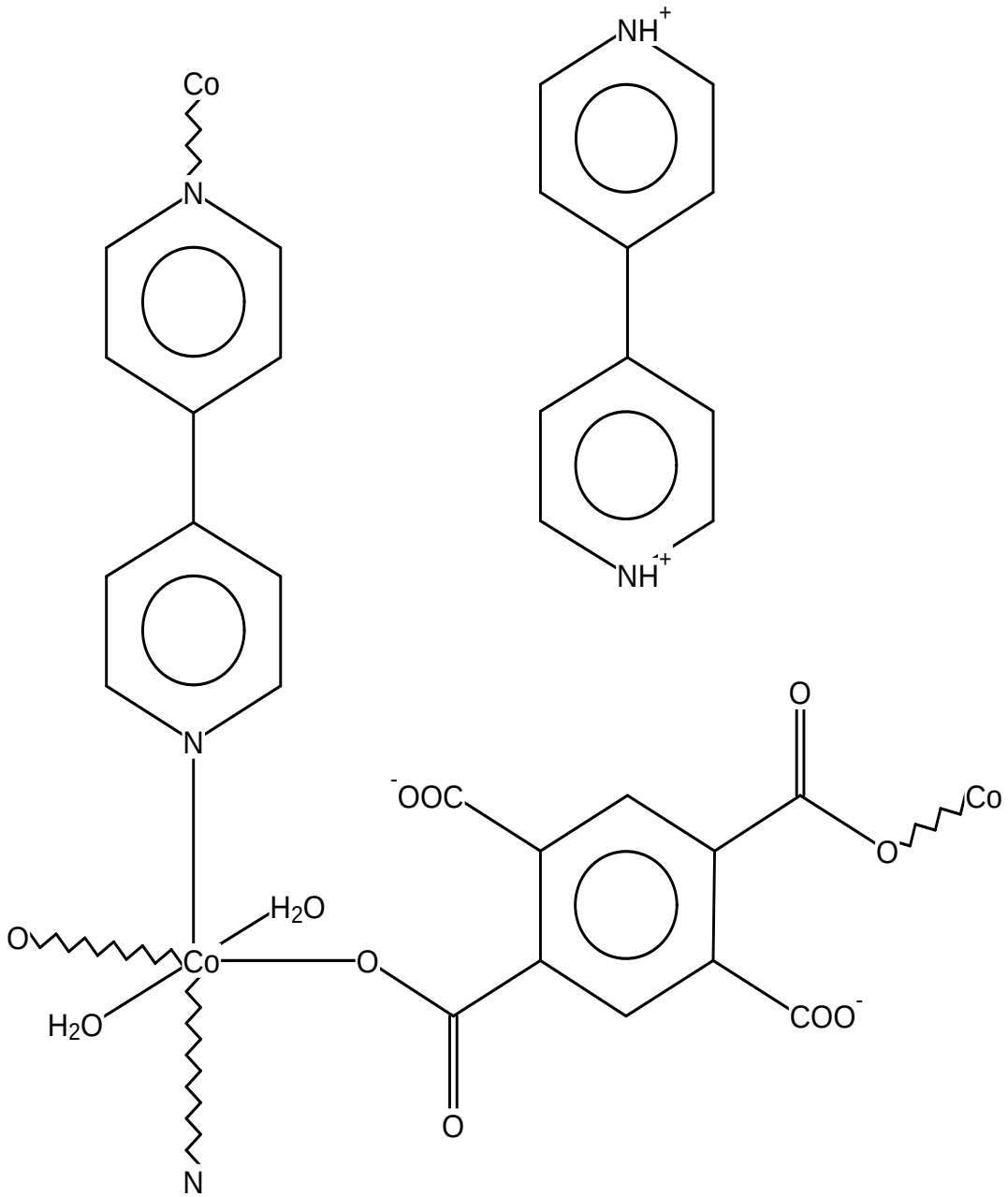
Reference: C.Ruiz-Perez, P.Lorenzo-Luis, M.Hernandez-Molina, M.M.Laz, F.S.Delgado, P.Gili, M.Julve (2004) *Eur.J.Inorg.Chem.* ,3873

Formula: $(C_{20}\ H_{14}\ Co_1\ N_2\ O_{10}\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4'-bipyridinedium (μ_2-benzene-1,2,4,5-tetracarboxylato)-(μ_2-4,4'-bipyridine)-trans-diaqua-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	15.255(3)	***b***	11.476(2)	***c***	15.972(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.89(3)	γ	90.00

R-Factor (%): 6.54 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.567



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 943

ICAJAY

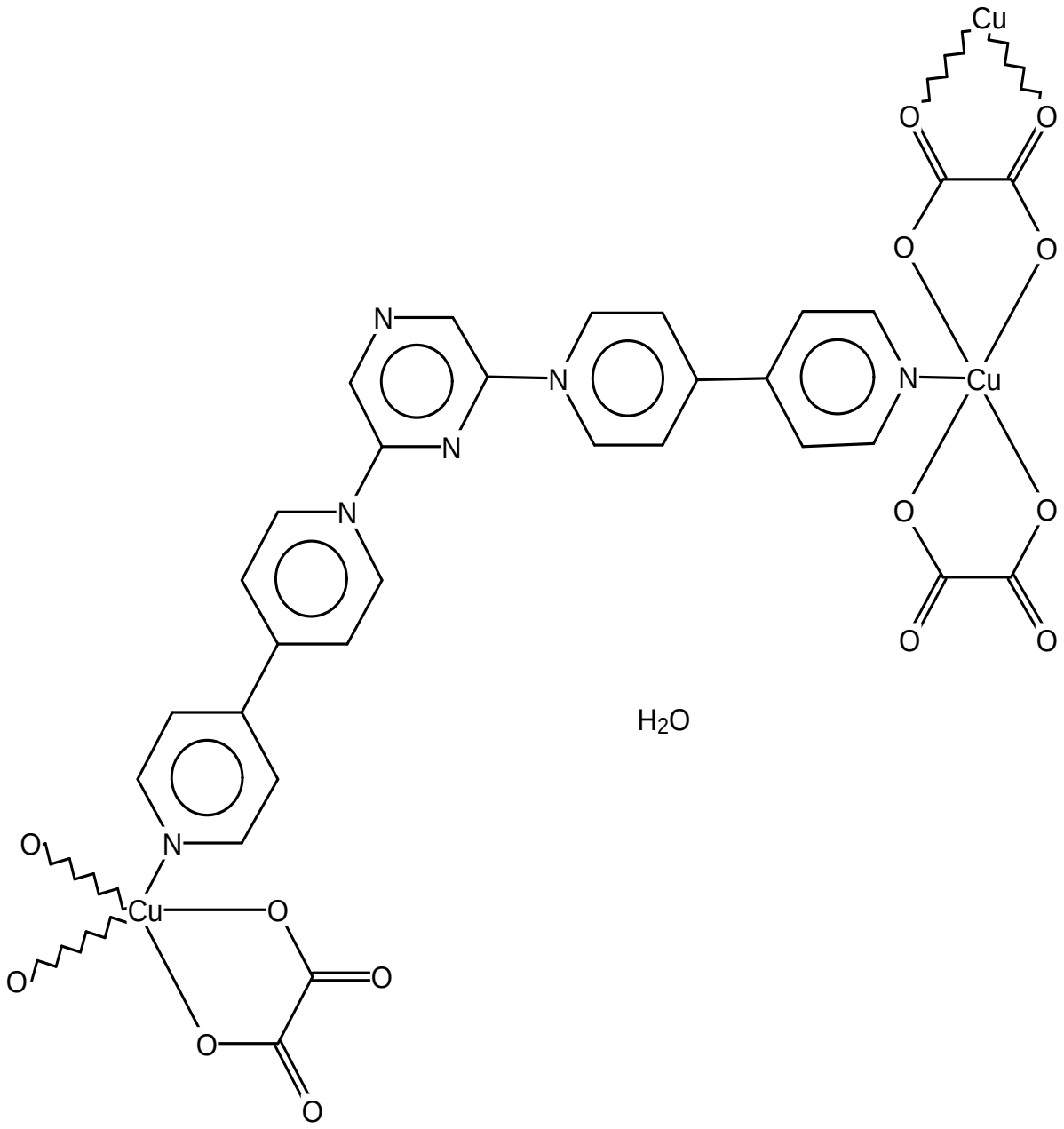
Reference: Yan-Qiong Sun, Jie Zhang, Jing-Lin Chen, Guo-Yu Yang (2004) *Eur.J.Inorg.Chem.* ,3837

Formula: $(C_{30}\ H_{18}\ Cu_2\ N_6\ O_{12})n,7n(H_2\ O_1)$

Compound Name: catena-((μ_2-oxalato)-(μ_2-2,6-bis(4'-pyridyl-1'-pyridinium)pyrazine)-bis(oxalato)-di-copper(ii) heptahydrate)

Space Group:	C2/c	***Cell:***	***a***	15.629(0)	***b*** 19.896(0)	***c***	12.718(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 117.50(0)	γ	90.00

R-Factor (%): 6.49 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.719



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 944

ICAJEC

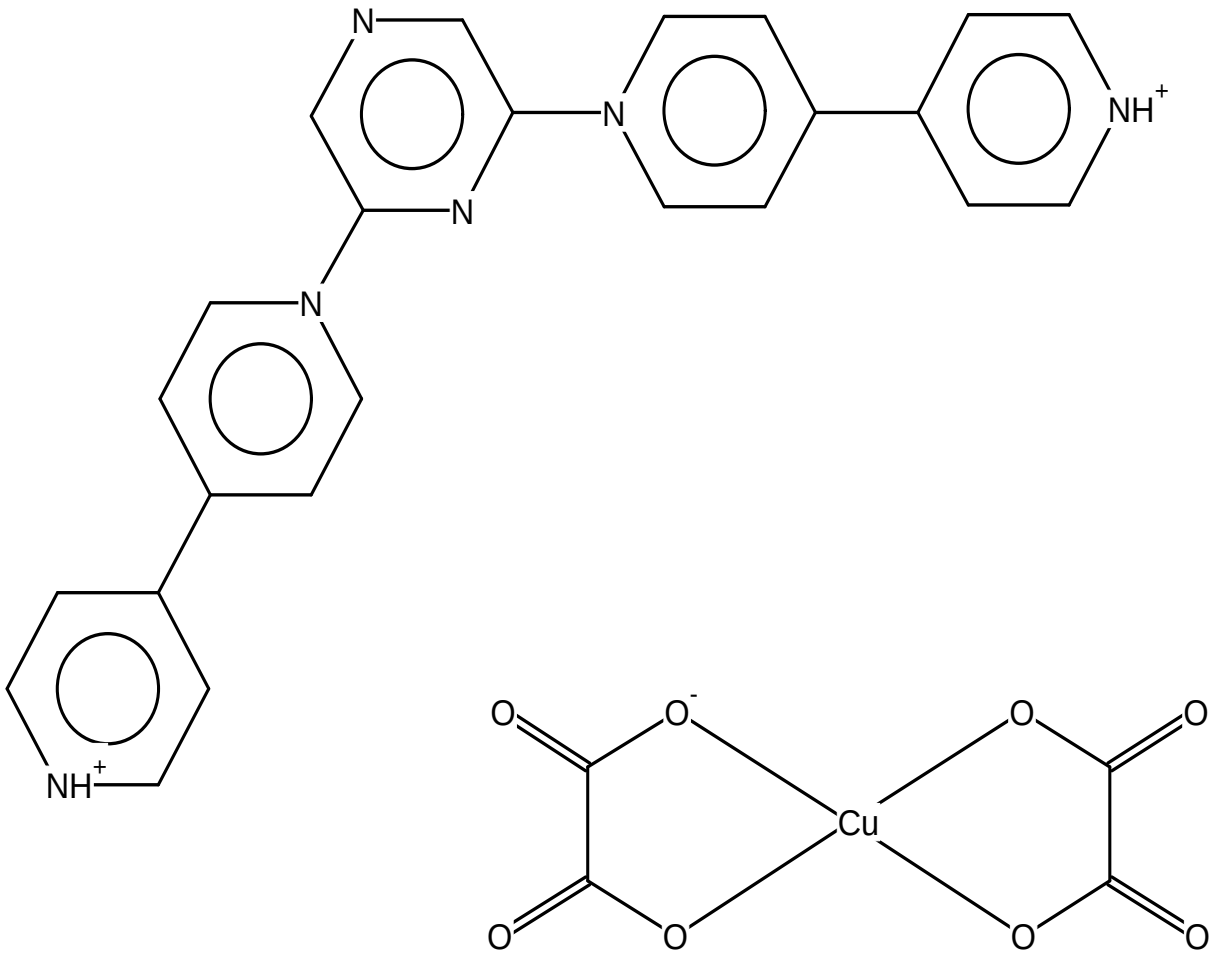
Reference: Yan-Qiong Sun, Jie Zhang, Jing-Lin Chen, Guo-Yu Yang (2004) *Eur.J.Inorg.Chem.* ,3837

Formula: $C_{24}\ H_{20}\ N_6\ ^{2+},2(C_4\ Cu_1\ O_8\ ^{1-})$

Compound Name: 2,6-bis(4'-pyridyl-1'-pyridinium)pyrazine bis(bis(oxalato)-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	12.564(0)	***b***	18.321(0)	***c*** 12.983(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.44(0)	γ 90.00

R-Factor (%): 7.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.937



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 945

ICIFEF

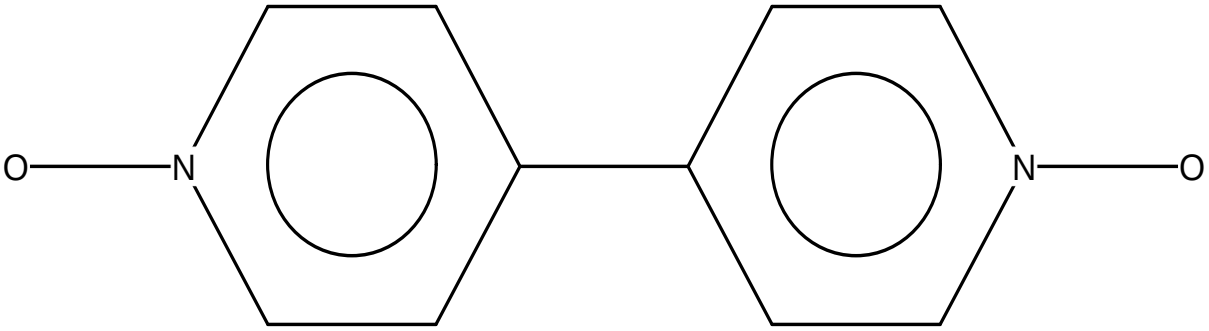
Reference: A.J.Blake, M.T.Brett, N.R.Champness, A.N.Khlobystov, De-Liang Long, C.Wilson, M.Schroder (2001) *Chem.Commun.* ,2258

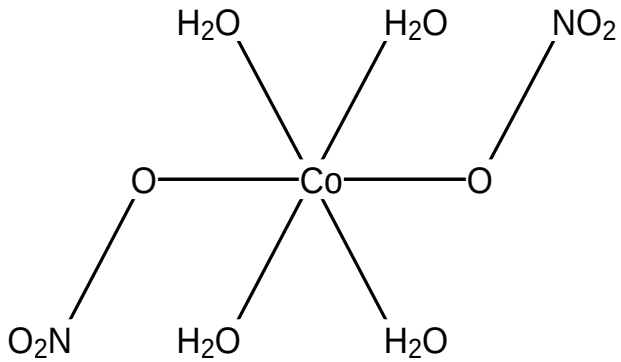
Formula: $2(C_{10}\ H_8\ N_2\ O_2),H_8\ Co_1\ N_2\ O_{10}$

Compound Name: bis(4,4'-Bipyridine N,N'-dioxide) tetra-aqua-bis(nitrato-O)-cobalt(ii)

Space Group:	I41/a	***Cell:***	***a***	19.331(1)	***b*** 19.331(1)	***c***	13.469(0)
Space Group No.:	88	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 2.76 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.666





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 946

ICIFIJ

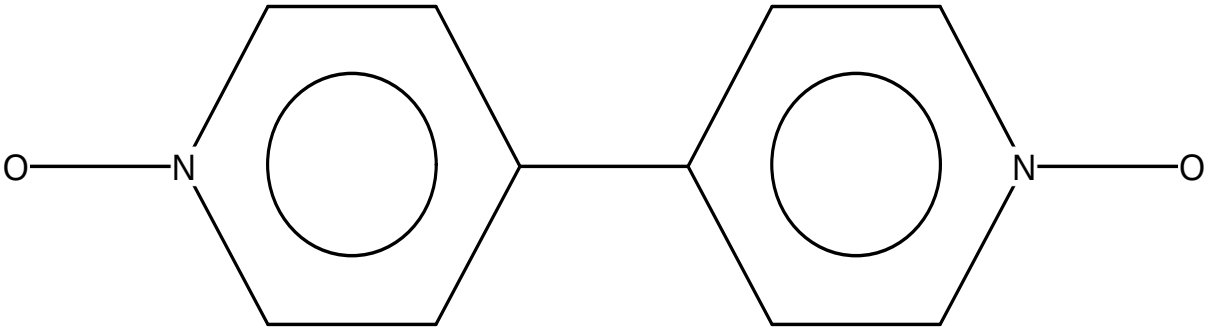
Reference: A.J.Blake, M.T.Brett, N.R.Champness, A.N.Khlobystov, De-Liang Long, C.Wilson, M.Schroder (2001) *Chem.Commun.* ,2258

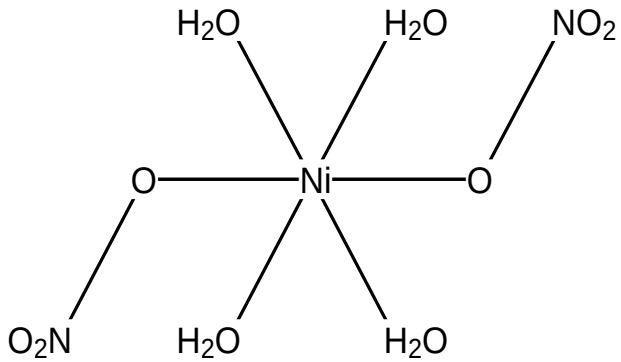
Formula: $2(C_{10}\,H_8\,N_2\,O_2),H_8\,N_2\,Ni_1\,O_{10}$

Compound Name: bis(4,4'-Bipyridine N,N'-dioxide) tetra-aqua-bis(nitrato-O)-nickel(ii)

Space Group:	I41cd	***Cell:***	***a***	19.309(1)	***b*** 19.309(1)	***c***	13.427(0)
Space Group No.:	110	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 2.46 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.675





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 947

ICIFOP

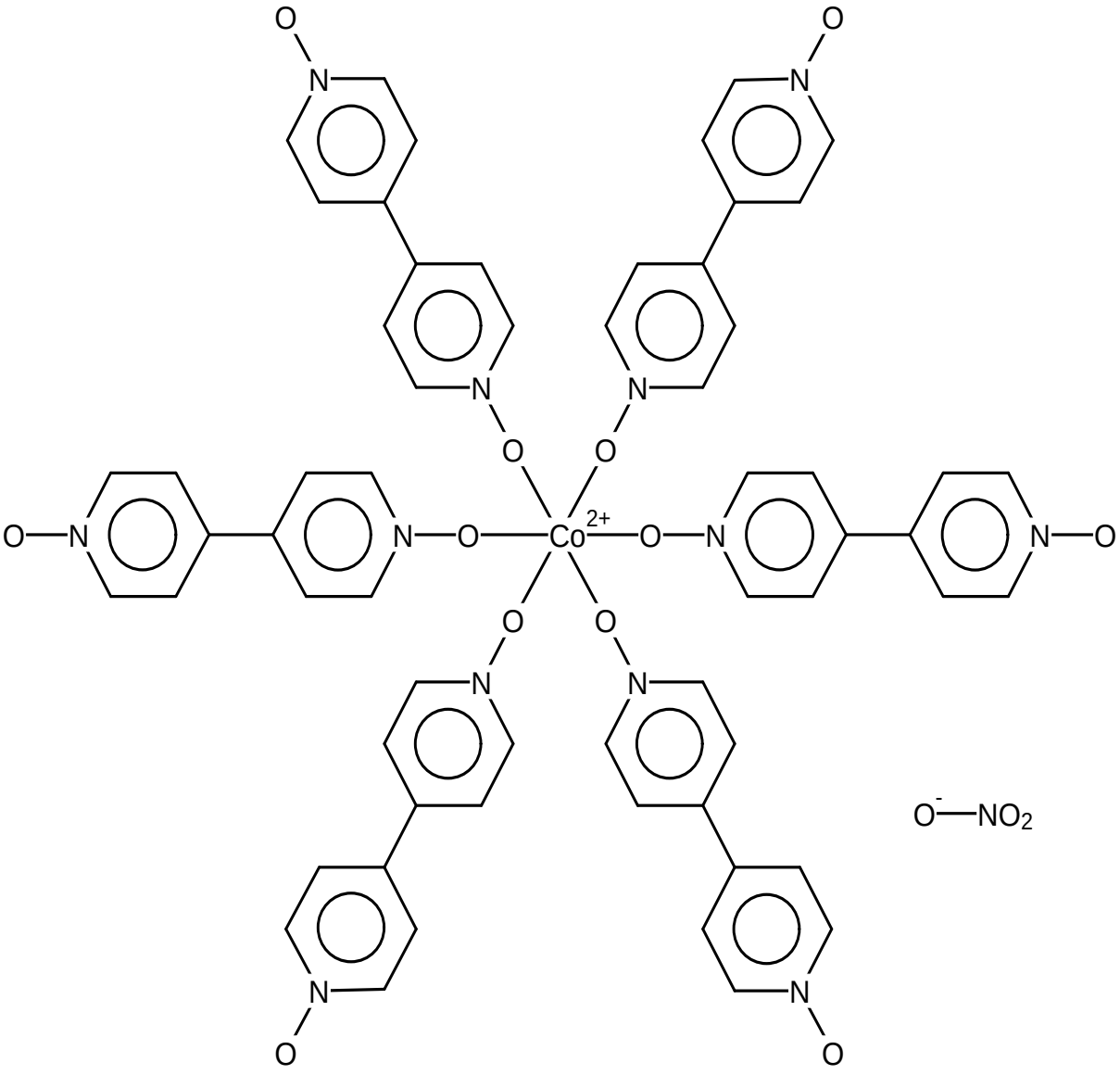
Reference: A.J.Blake, M.T.Brett, N.R.Champness, A.N.Khlobystov, De-Liang Long, C.Wilson, M.Schroder (2001) *Chem.Commun.* ,2258

Formula: $C_{60}\ H_{48}\ Co_1\ N_{12}\ O_{12}\ ^{2+},2(N_1\ O_3\ ^{1-})$

Compound Name: hexakis(4,4'-Bipyridine N,N'-dioxide-O)-cobalt(ii) dinitrate

Space Group:	P-1	***Cell:***	***a*** 8.945(0)	***b*** 11.716(1)	***c*** 14.073(1)
Space Group No.:	2	***(Å,°)***	α 104.71(0)	β 96.80(0)	γ 98.23(0)

R-Factor (%): 4.20 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.564



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 948

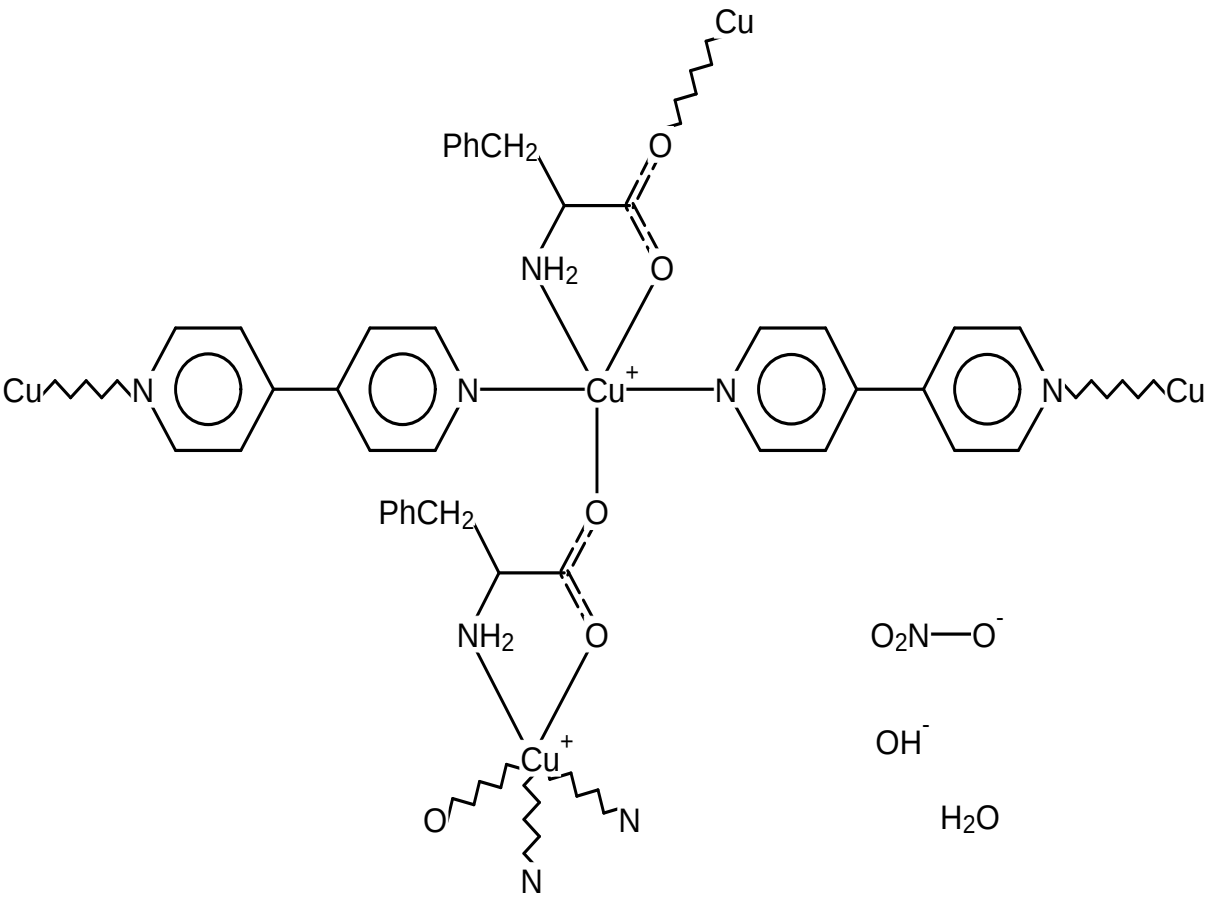
IDAGEA

Reference: Ben-Yong Lou, Fei-Long Jiang, Ben-Lai Wu, Da-Qiang Yuan, Mao-Chun Hong (2006) *Cryst.Growth Des.* ,**6,**989

Formula: $(C_{38}\ H_{36}\ Cu_2\ N_6\ O_4\ ^{2+})n,n(H_1\ O_1\ ^{1-}),n(N_1\ O_3\ ^{1-}),5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyrine-N,N')-(μ_2-D-phenylalaninato)-(μ_2-L-phenylalaninato)-di-copper(ii) hydroxide nitrate pentahydrate)

Space Group:	C2/c	***Cell:***	***a***	22.899(1)	***b***	24.819(1)	***c*** 9.052(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.31(0)	γ 90.00
R-Factor (%):	7.44	***Temperature(K):***	293		***Density(g/cm^3):***		1.213



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 949

IDAPEI

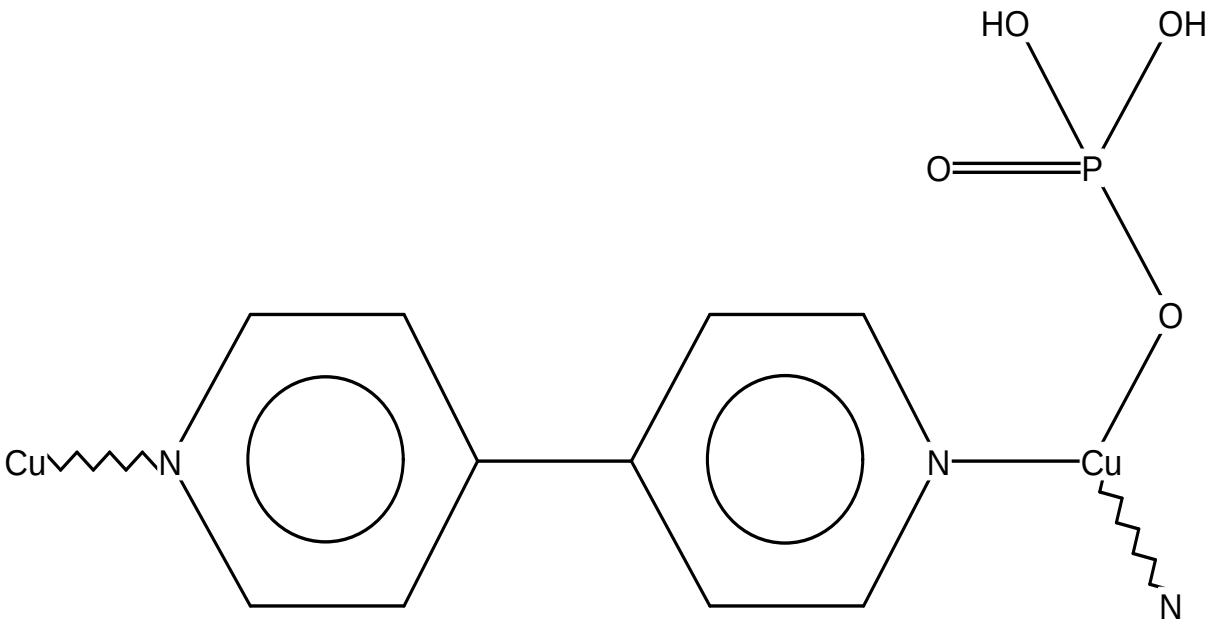
Reference: Yu-Cang Liang, Mao-Chun Hong, Rong Cao, Wei-Ping Su, Ying-Jun Zhao, Jia-Bao Weng (2001) *Polyhedron* ,**20,** 2477

Formula: $(C_{10}\ H_{10}\ Cu_1\ N_2\ O_4\ P_1)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-(dihydrogen phosphato-O)-copper(i) dihydrate]

Space Group:	P2/n	***Cell:***	***a***	8.494(44)	***b***	8.909(39)	***c*** 17.916(64)
Space Group No.:	13	***(Å,°)***	α	90.00	β	102.90(28)	γ 90.00

R-Factor (%): 7.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.773



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 950

IDAPEI01

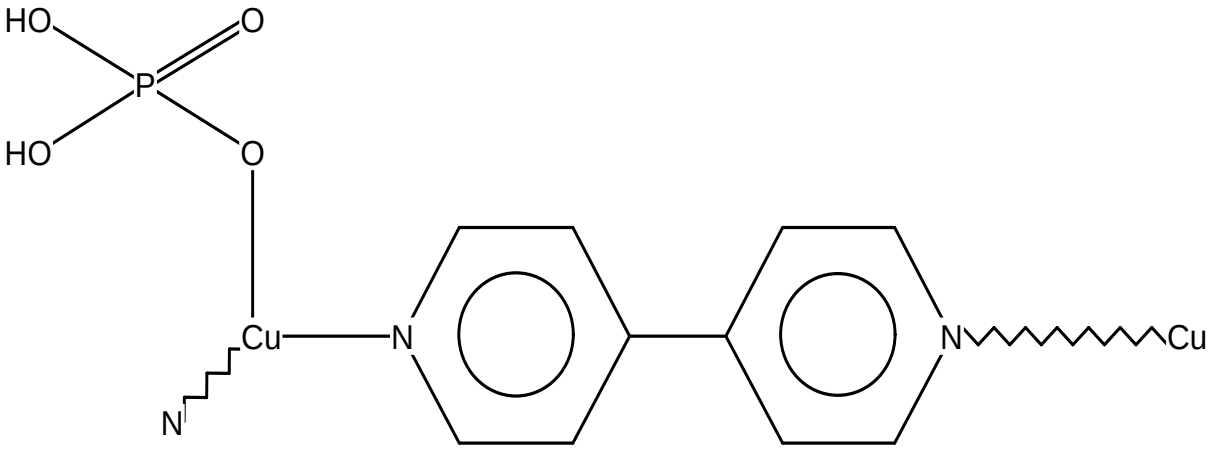
Reference: Feng Luo, Yun-xia Che, Yong-ge Wei, Ji-min Zheng
(2006) *J.Mol.Struct.* ,**787,**96

Formula: $(C_{10}\ H_{10}\ Cu_1\ N_2\ O_4\ P_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-bipyridyl)-(dihydrogen phosphato)-copper(i) dihydrate

Space Group:	P2/n	***Cell:***	***a***	8.483(1)	***b***	8.899(1)	***c*** 17.862(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β	102.58(0)	γ 90.00

R-Factor (%): 4.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.780



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 951

IDEYOF

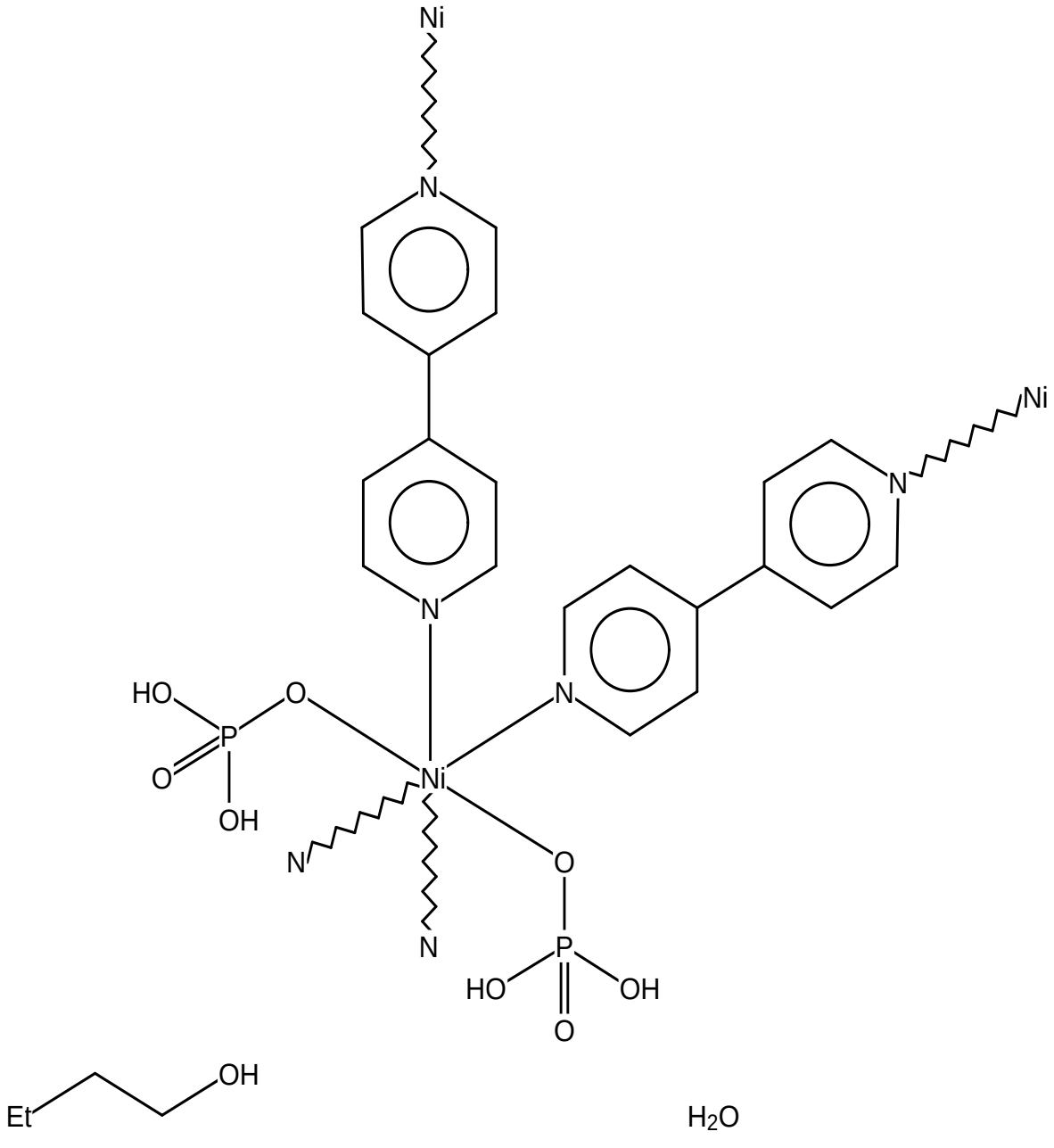
Reference: Yau-Chen Jiang, Yu-Chen Lai, Sue-Lein Wang, Kwang-Hwa Lii (2001) *Inorg.Chem.* ,**40,**5320

Formula: $(C_{20}\ H_{20}\ N_4\ Ni_1\ O_8\ P_2)n,n(C_4\ H_{10}\ O_1),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(dihydrogen phosphato)-nickel(ii) n-butanol solvate monohydrate)

Space Group:	C2/c	***Cell:***	***a*** 15.190(0)	***b*** 16.817(0)	***c*** 22.680(1)
Space Group No.:	15	***(Å,°)***	α 90.00	β 97.21(0)	γ 90.00

R-Factor (%): 3.95 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.519



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 952

IDIPAN

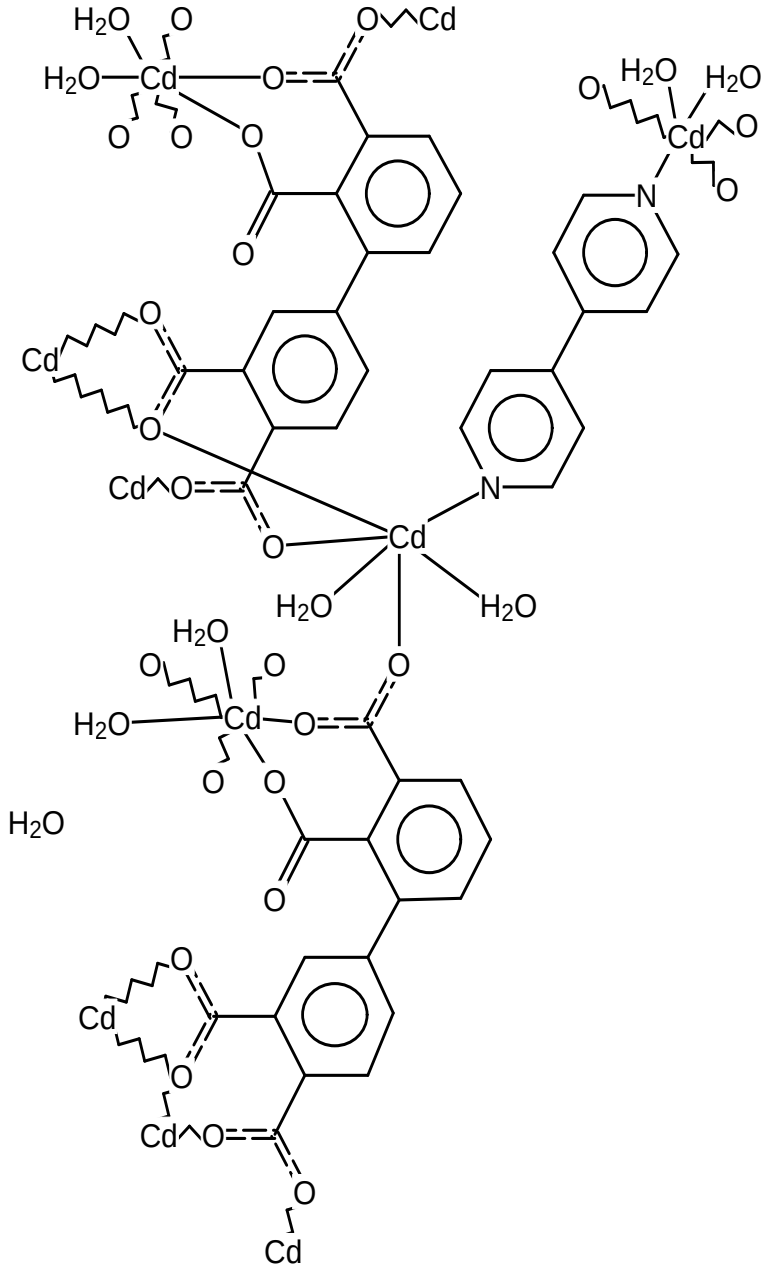
Reference: Shuangquan Zang, Yang Su, Yizhi Li, Zhaoping Ni, Huizhen Zhu, Qingjin Meng (2006) *Inorg.Chem.* ,**45,**3855

Formula: $(C_{42}\ H_{36}\ Cd_4\ N_2\ O_{24})n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-1,1'-biphenyl-2,3,3',4-tetracarboxylato)-(μ_2-4,4'-bipyridyl)-octaaqua-tetra-cadmium(ii) monohydrate clathrate)

Space Group:	P21/n	***Cell:***	***a***	8.094(2)	***b***	10.801(3)	***c***	28.324(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.80(0)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.912


H2O
O
Cd
N
H2O
H2O
H2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 953

IDOKIW

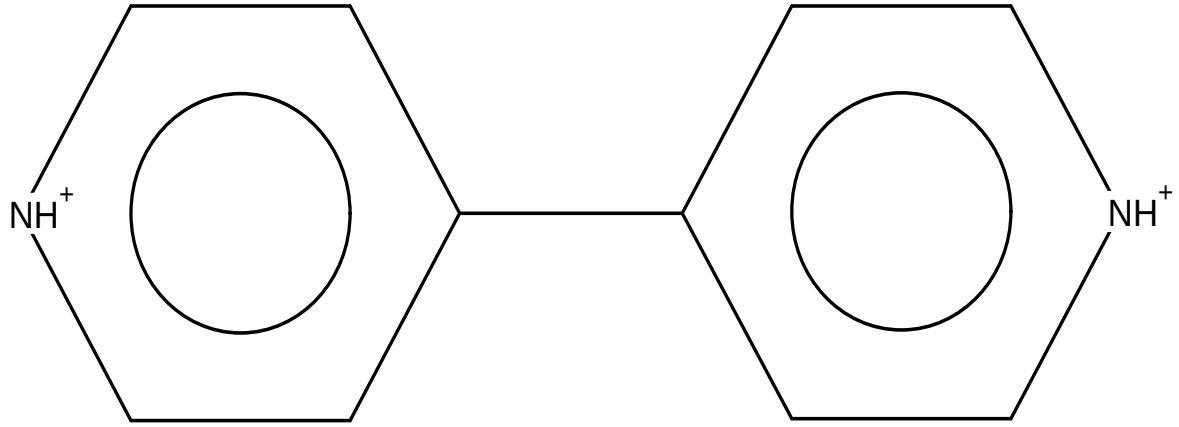
Reference: Feng Li, Han-Dong Yin, Jun Zhai, Da-Qi Wang (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m1387

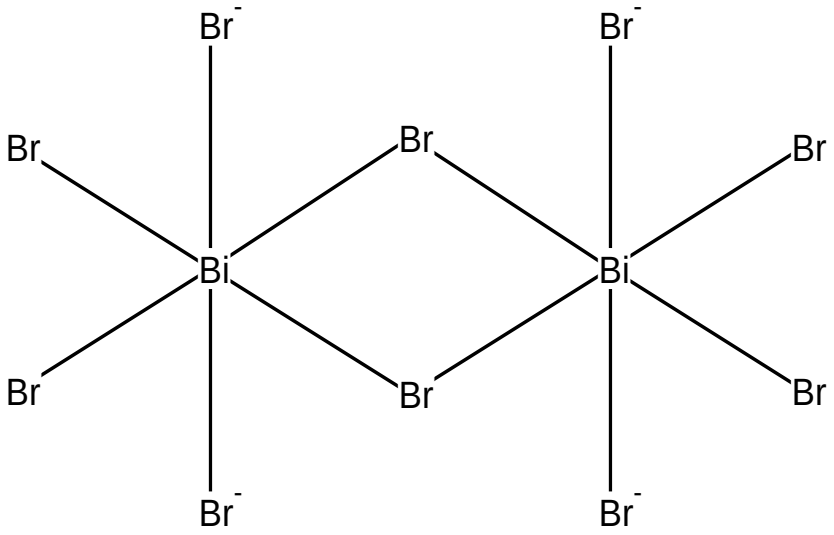
Formula: $2(C_{10}H_{10}N_2^{2+}),Bi_2Br_{10}^{4-}$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_2-bromo)-bis(tetrabromobismuthate(iii))

Space Group:	P-1	***Cell:***	***a***	8.543(1)	***b*** 10.191(2)	***c***	11.344(2)
Space Group No.:	2	***(Å,°)***	α	113.61(0)	β 100.66(0)	γ	99.41(0)

R-Factor (%): 3.80 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.968





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 954

IDONEU

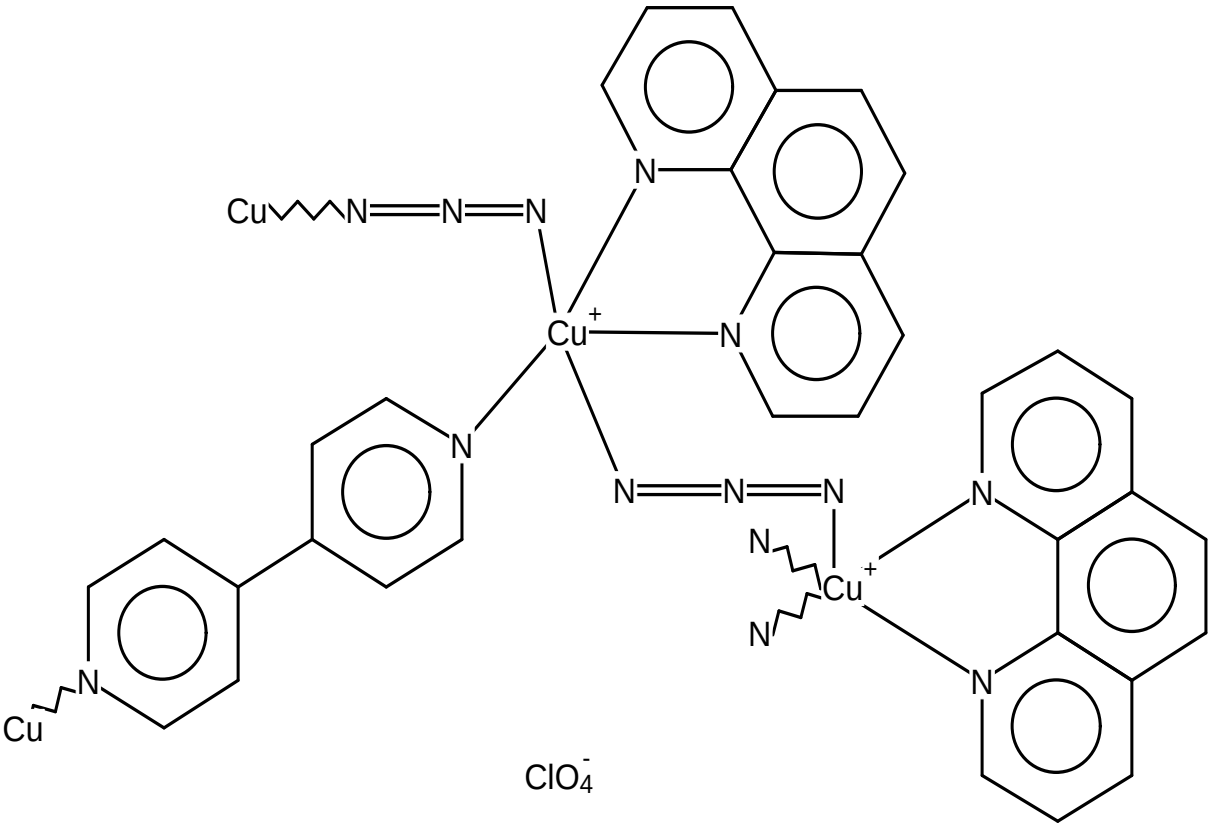
Reference: Licun Li, Daizheng Liao, Zonghui Jiang, Shiping Yan (2002) *Inorg.Chem. ,***41,**1019

Formula: $(C_{34}\ H_{24}\ Cu_2\ N_{12}\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(bis(μ_2-azido)-(μ_2-4,4-bipyridyl)-bis(1,10-phenanthroline)-di-copper diperchlorate)

Space Group:	P-1	***Cell:***	***a***	8.699(1)	***b***	11.357(1)	***c*** 19.416(2)
Space Group No.:	2	***(Å,°)***	α	97.33(0)	β	99.09(0)	γ 101.25(0)

R-Factor (%): 4.23 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.679



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 955

IDOWUT

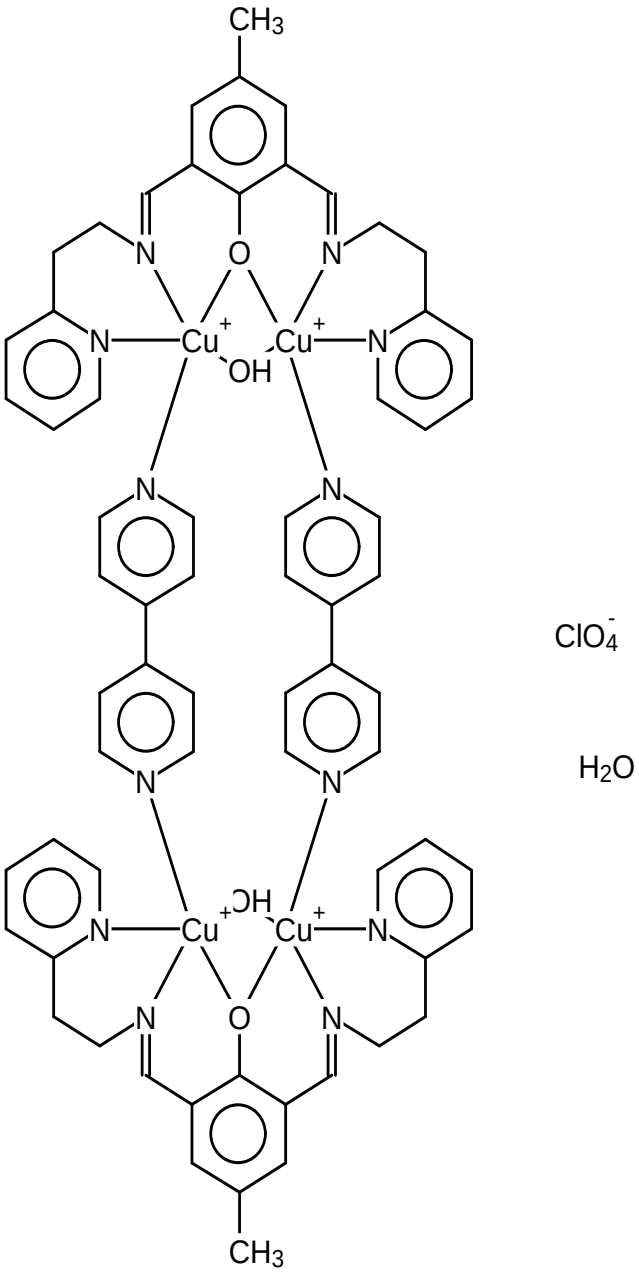
Reference: D.Visinescu, M.Andruh, A.Muller, M.Schmidtmann, Y.Journaux (2002) *Inorg.Chem.Commun.* ,**5,**42

Formula: $C_{66}\ H_{64}\ Cu_4\ N_{12}\ O_4\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),3($H_2\ O_1$)

Compound Name: bis((μ_2-4-Methyl-2,6-bis(N-(2-pyridylethyl)formimidoyl)phenolato)-(μ_2-hydroxo)-(μ_2-4,4'-bipyridyl)-di-copper(ii)) tetraperchlorate trihydrate

Space Group:	P-1	***Cell:***	***a***	12.475(0)	***b***	16.837(0)	***c***	18.601(0)
Space Group No.:	2	***(Å,°)***	α	81.47(0)	β	85.35(0)	γ	71.10(0)

R-Factor (%): 3.92 ***Temperature(K):*** 183 ***Density(g/cm^3):*** 1.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 956

IDOZAC

Reference: M.Yu.Antipin, A.B.Ilyukhin, V.Yu.Kotov (2001)
Mendeleev Commun. ,210

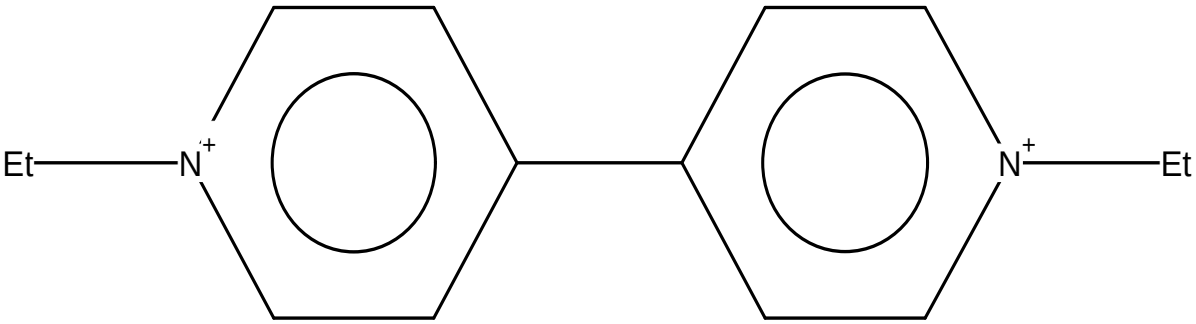
Formula: $3(C_{14}\ H_{18}\ N_2\ ^{2+}),2(H_8\ Li_1\ O_4\ ^{1+}),2(C_6\ Fe_1\ N_6\ ^{4-}),20(H_2\ O_1)$

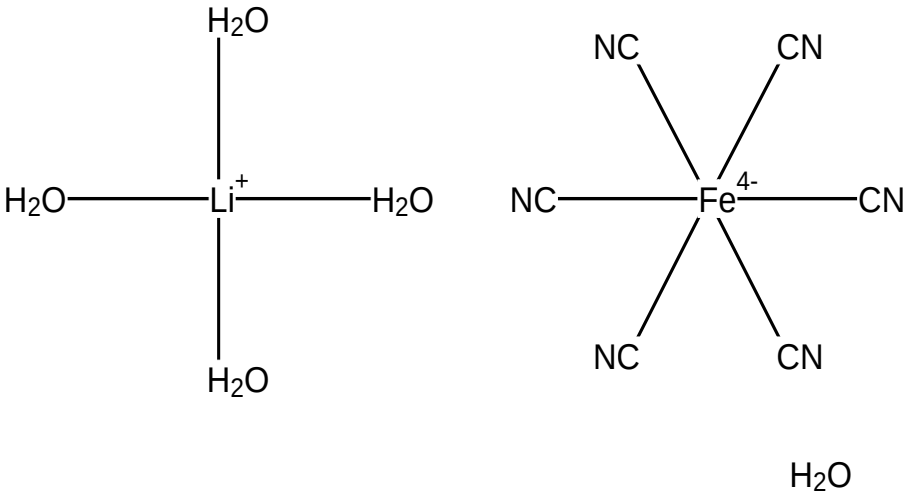
Compound Name: tris(N,N'-Diethyl-4,4'-bipyridinium) bis(tetra-aqua-lithium) bis(hexacyanoferrate(ii)) icosahydrate

Synonym: tris(Diethyl viologen) bis(tetra-aqua-lithium) bis(hexacyanoferrate(ii)) icosaahydrate

Space Group:	P-3c1	***Cell:***	***a***	14.669(1)	***b***	14.669(1)	***c*** 21.586(5)
Space Group No.:	165	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.83 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.309





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 957

IDUCOA

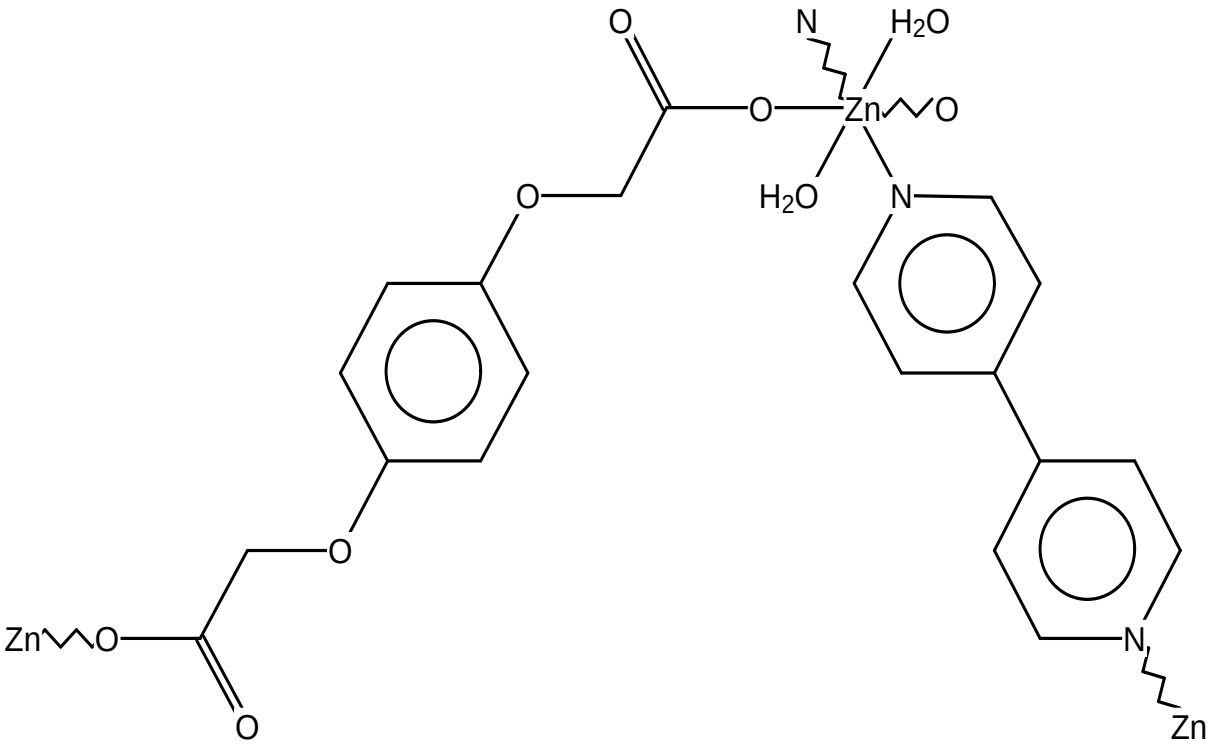
Reference: Yu-Mei Dai, Jin-Feng Huang, Shun-Yu Chen, Hui-Ying Shen, Ruo-He Chen (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**62,**m1697

Formula: $(C_{20}\ H_{20}\ N_2\ O_8\ Zn_1)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-N,N')-(μ_2-p-phenylenebis(oxyacetato)-O,O')-diaqua-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	5.728(1)	***b***	8.076(3)	***c*** 10.668(3)
Space Group No.:	2	***(Å,°)***	α	105.92(0)	β	96.73(0)	γ 97.82(0)

R-Factor (%): 2.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.724



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 958

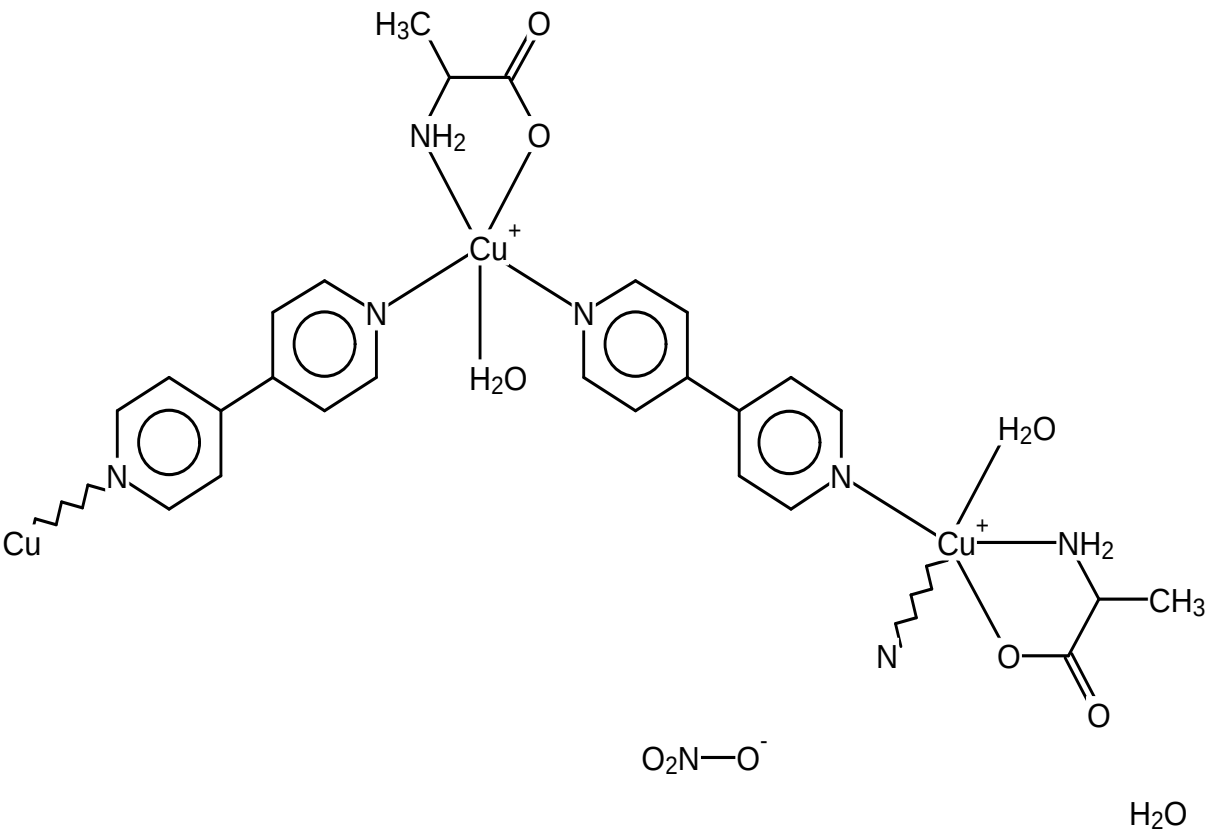
IFAKIK

Reference: Ben-Yong Lou, Fei-Long Jiang, Ben-Lai Wu, Da-Qiang Yuan, Mao-Chun Hong (2006) *Cryst.Growth Des.* ,**6,**989

Formula: $(C_{26}\ H_{32}\ Cu_2\ N_6\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyrine-N,N')-(D-alaninato)-(L-alaninato)-diaqua-di-copper(ii) bis(nitrate) trihydrate)

Space Group:	Pbca	***Cell:***	***a***	18.051(4)	***b***	21.210(5)	***c***	17.979(4)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.87	***Temperature(K):***	130		***Density(g/cm^3):***		1.601	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 959

IFAPEL

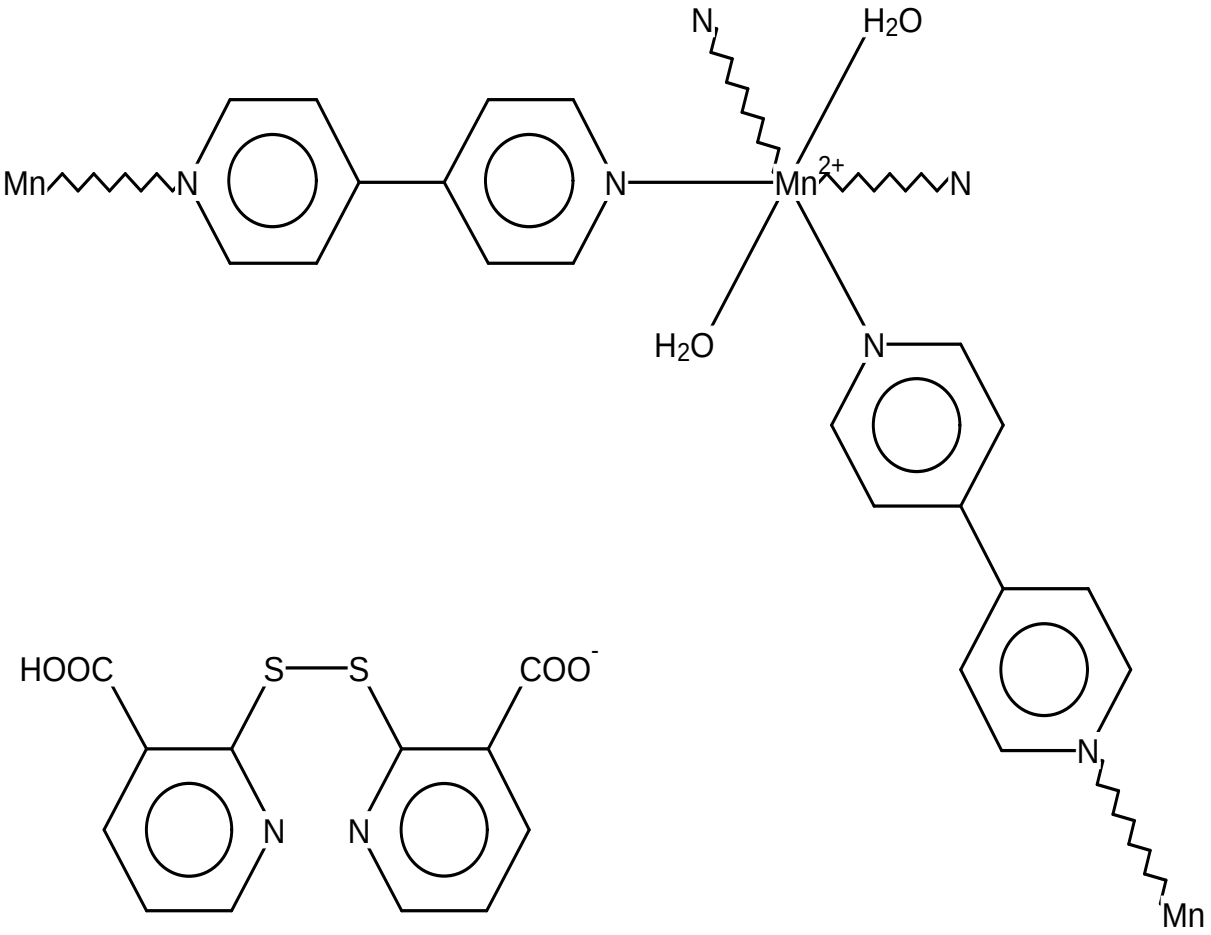
Reference: Hong-Ping Xiao, Bao-Lin Liu, Xiao-Qiang Liang, Jing-Lin Zuo, Xiao-Zeng You (2008) *Inorg.Chem.Commun.* ,**11,**39

Formula: $(C_{20}\ H_{20}\ Mn_1\ N_4\ O_2\ ^{2+})n,2n(C_{12}\ H_7\ N_2\ O_4\ S_2\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-diaqua-manganese(ii) 2-(3-carboxy-2-pyridyldisulfanyl)nicotinate)

Space Group:	P2/c	***Cell:***	***a***	11.589(1)	***b*** 11.770(1)	***c***	16.292(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.65(0)	γ	90.00

R-Factor (%): 8.80 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.559



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 960

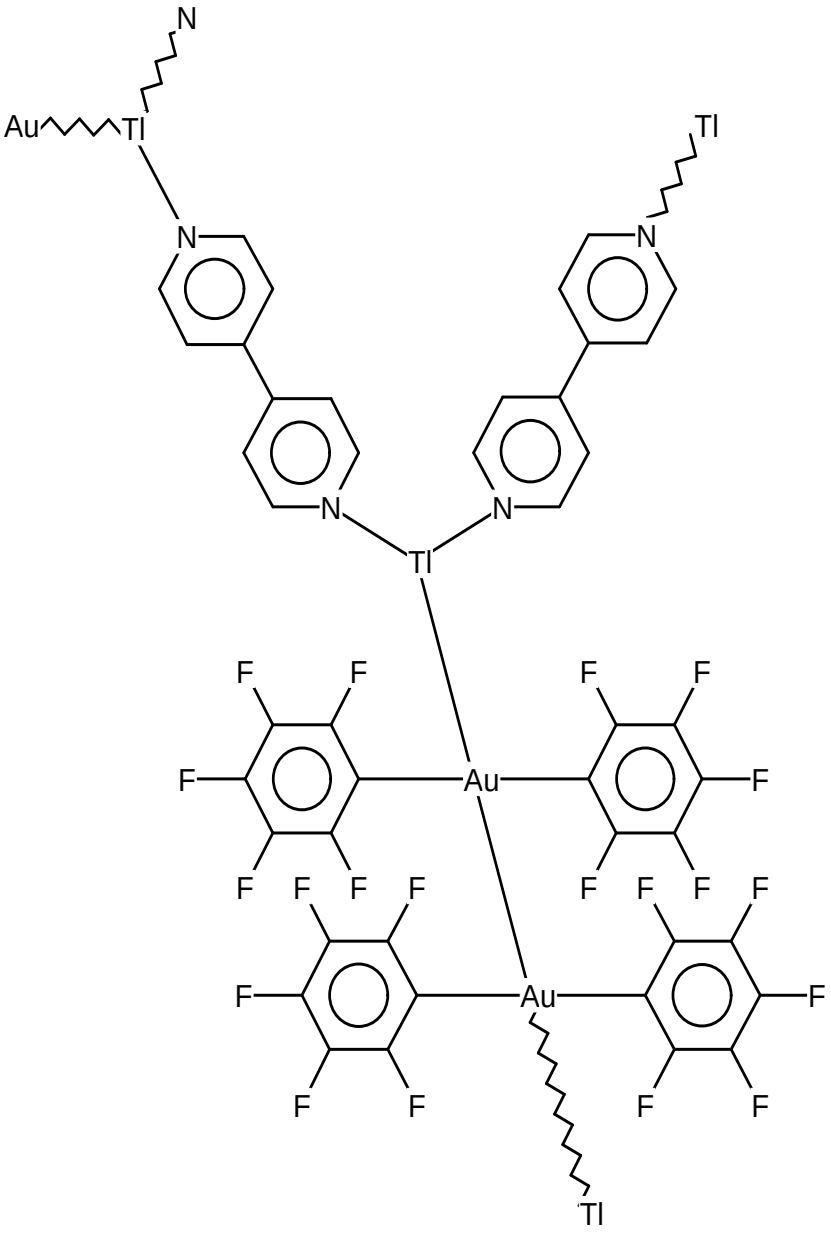
IFECAX

Reference: E.J.Fernandez, P.G.Jones, A.Laguna, J.M.Lopez-de-Luzuriaga, M.Monge, J.Perez, M.E.Olmos (2002) *Inorg.Chem. ,***41,**1056

Formula: $(C_{44}\ H_{16}\ Au_2\ F_{20}\ N_4\ Tl_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-tetrakis(pentafluorophenyl)-di-gold(i)-di-thallium)

Space Group:	P-1	***Cell:***	***a***	7.700(0)	***b*** 11.556(0)	***c***	12.827(0)
Space Group No.:	2	***(Å,°)***	α	105.10(0)	β 105.48(0)	γ	90.31(0)
R-Factor (%):	2.09	***Temperature(K):***	143		***Density(g/cm^3):***		2.798



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 961

IFECEB

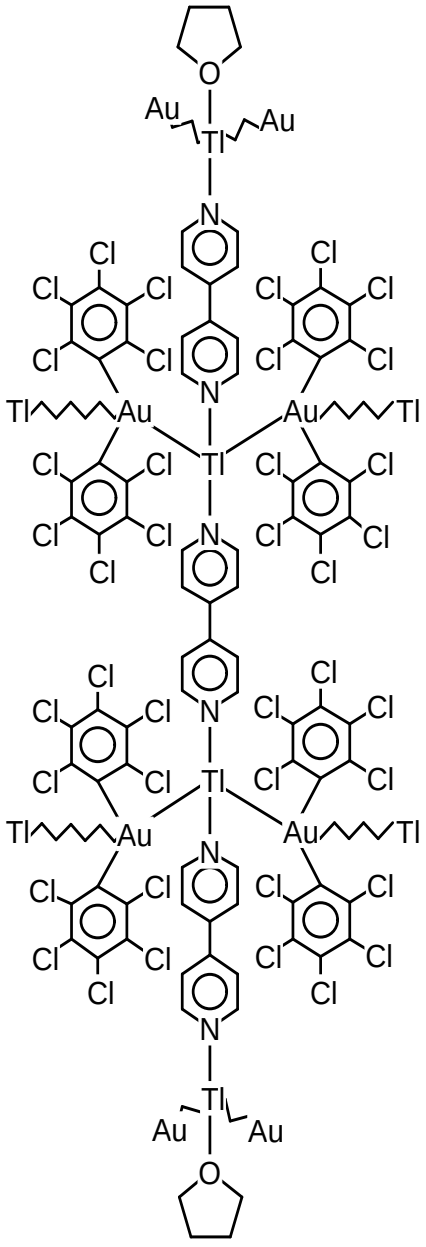
Reference: E.J.Fernandez, P.G.Jones, A.Laguna, J.M.Lopez-de-Luzuriaga, M.Monge, J.Perez, M.E.Olmos (2002) *Inorg.Chem. ,***41,**1056

Formula: $(C_{86}\ H_{40}\ Au_4\ Cl_{40}\ N_6\ O_2\ Tl_4)n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-octakis(pentachlorophenyl)-bis(tetrahydrofuran)-tetra-gold(i)-tetra-thallium)

Space Group:	P-1	***Cell:***	***a***	11.111(0)	***b***	14.596(0)	***c*** 18.496(0)
Space Group No.:	2	***(Å,°)***	α	96.63(0)	β	96.63(0)	γ 109.74(0)

R-Factor (%): 4.67 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.529



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 962

IFEJOT

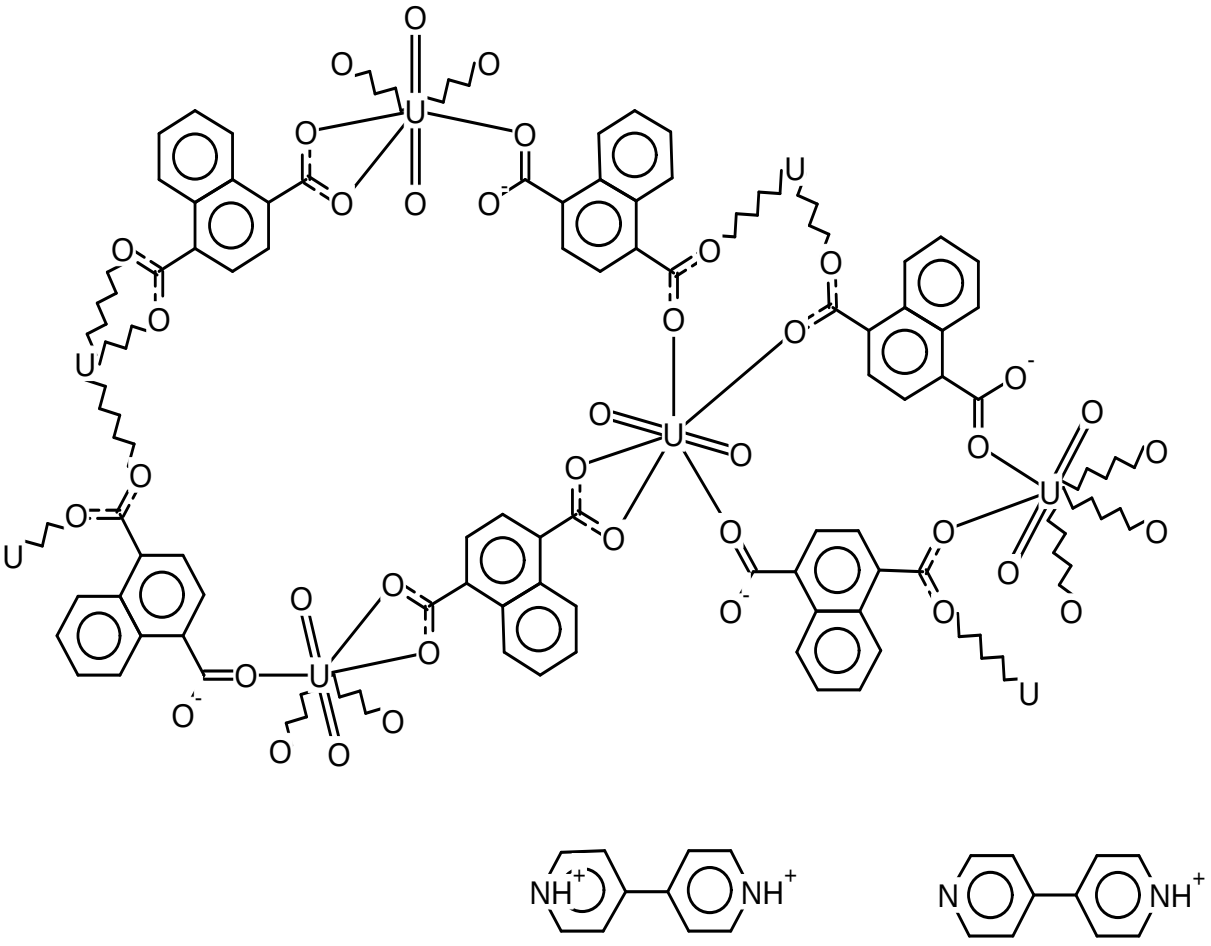
Reference: Zuo-Lei Liao, Guo-Dong Li, Ming-Hui Bi, Jie-Sheng Chen (2008) *Inorg.Chem. ,***47,**4844

Formula: $(C_{72}\ H_{36}\ O_{32}\ U_4\ ^{4-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(C_{10}\ H_9\ N_2\ ^{1+})$

Compound Name: catena-(bis(4,4'-bipyridinium) (4,4'-bipyridinedi-ium) tetrakis(μ_3-naphthalene-1,4-dicarboxylato-O,O',O'')-bis(μ_2-naphthalene-1,4-dicarboxylato-O,O',O'',O''')-tetrakis(dioxo-uranium(vi)))

Space Group:	P-1	***Cell:***	***a***	11.037(2)	***b***	15.126(3)	***c***	15.660(3)
Space Group No.:	2	***(Å,°)***	α	62.05(3)	β	72.26(3)	γ	82.05(3)

R-Factor (%): 2.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.142



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 963

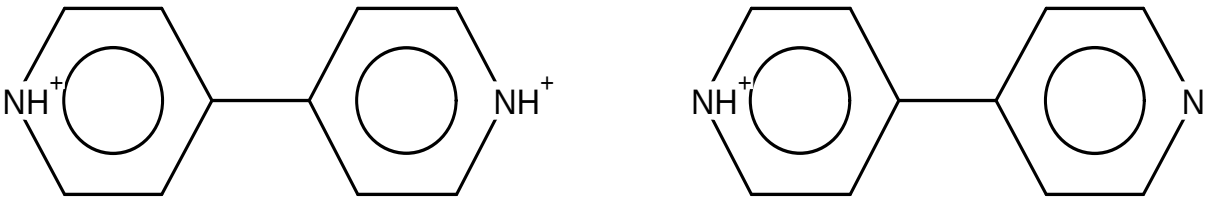
IFIMOA

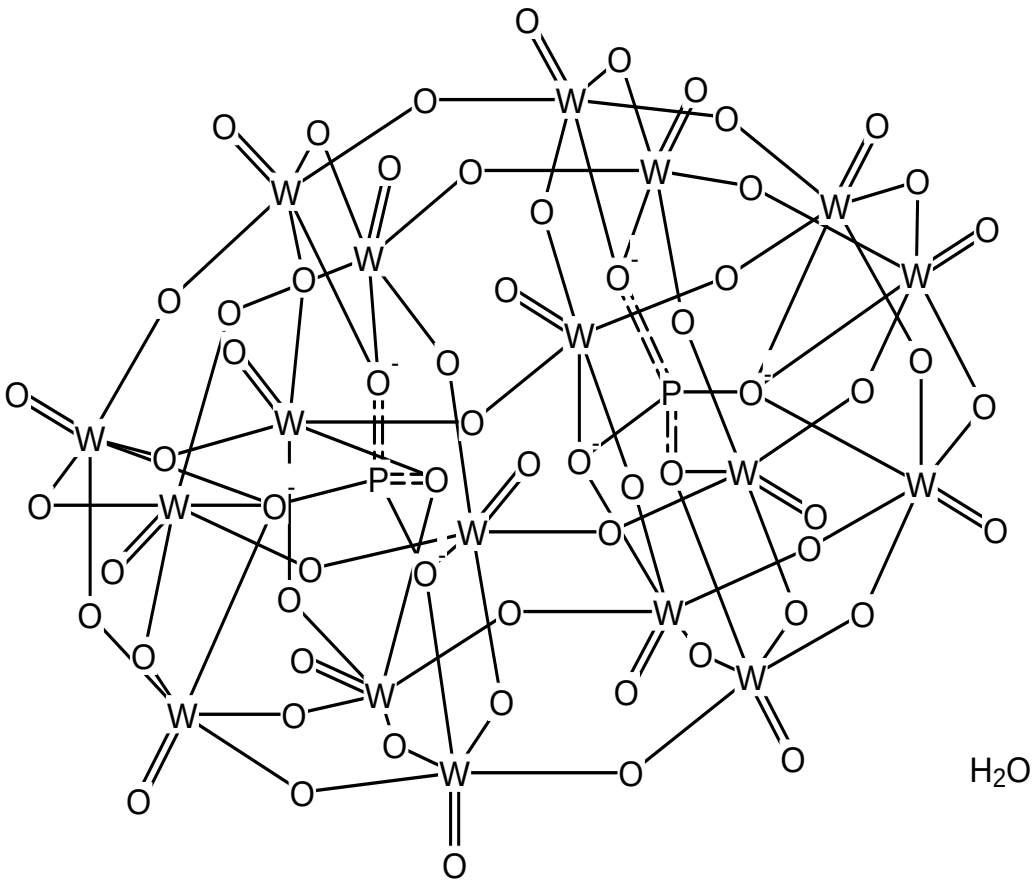
Reference: Juan Wang, Fengbiao Li, Yizhi Li, Shiyuan Cheng (2008) *J.Inclusion Phenom.Macrocyclic Chem. ,***61,**297

Formula: $1.5(C_{10}H_{10}N_2^{2+}),3(C_{10}H_9N_2^{1+}),O_{62}P_2W_{18}^{6-},2(H_2O_1)$

Compound Name: sesquikis(4,4'-Bipyridine-1,1'-diium) tris(4,4'-bipyridin-1-ium) bis(μ_9-phosphato)-hexatriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten dihydrate

Space Group:	P-1	***Cell:***	***a***	13.264(1)	***b***	14.177(1)	***c***	26.951(3)
Space Group No.:	2	***(Å,°)***	α	78.31(0)	β	83.86(0)	γ	68.10(0)
R-Factor (%):	4.35	***Temperature(K):***	291	***Density(g/cm^3):***	3.687			





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 964

IFIYOM

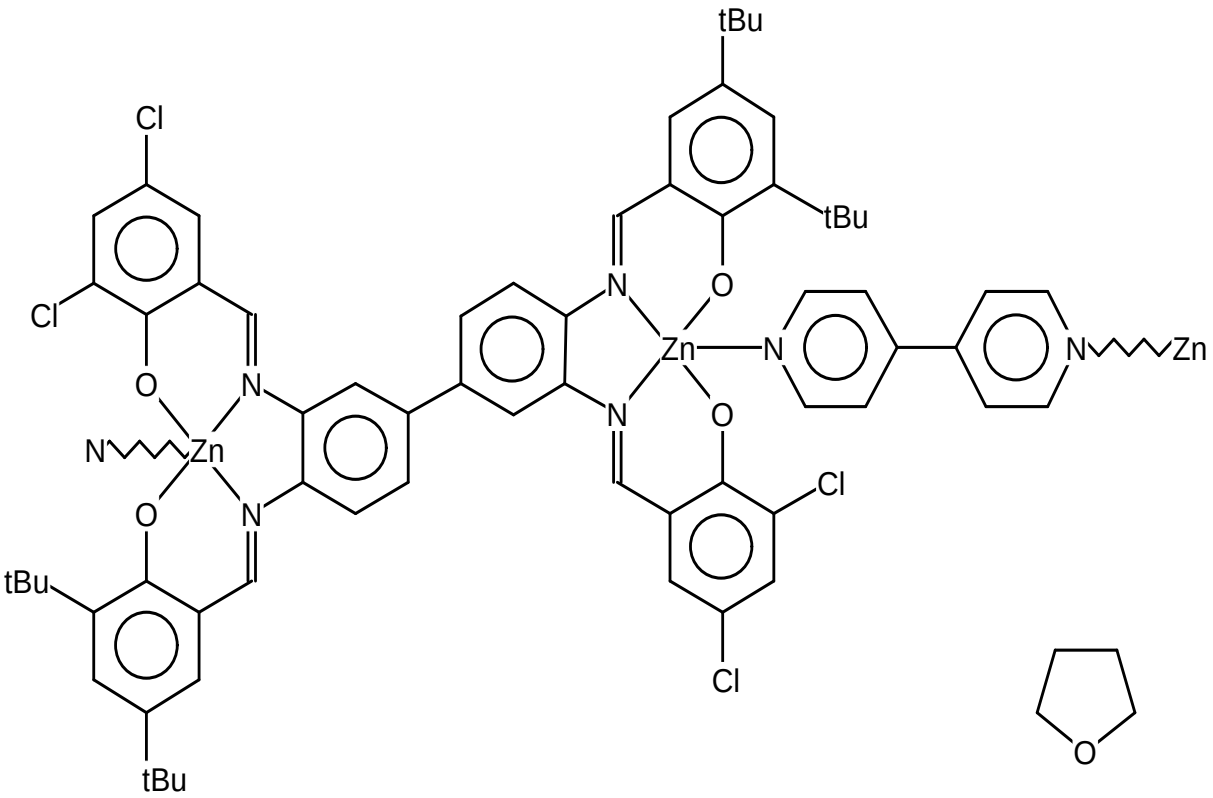
Reference: S.Curreli, E.C.Escudero-Adan, J.Benet-Buchholz, A.W.Kleij (2008) *Eur.J.Inorg.Chem.* ,2863

Formula: $(C_{66}\ H_{62}\ Cl_4\ N_6\ O_4\ Zn_2)n,10n(C_4\ H_8\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-(μ_2-3,3'-bis((3,5-dichloro-2-oxyphenylmethylene)amino)-4,4'-bis((3,5-di-t-butyl-2-oxyphenylmethylene)amino)biphenyl-N,N',N'',N''',O,O',O'',O''')-di-zinc(ii) tetrahydrofuran solvate]

Space Group:	P-1	***Cell:***	***a***	9.648(0)	***b***	16.163(0)	***c***	17.576(0)
Space Group No.:	2	***(Å,°)***	α	87.57(0)	β	74.28(0)	γ	74.18(0)

R-Factor (%): 6.96 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.307



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 965

IFOKET

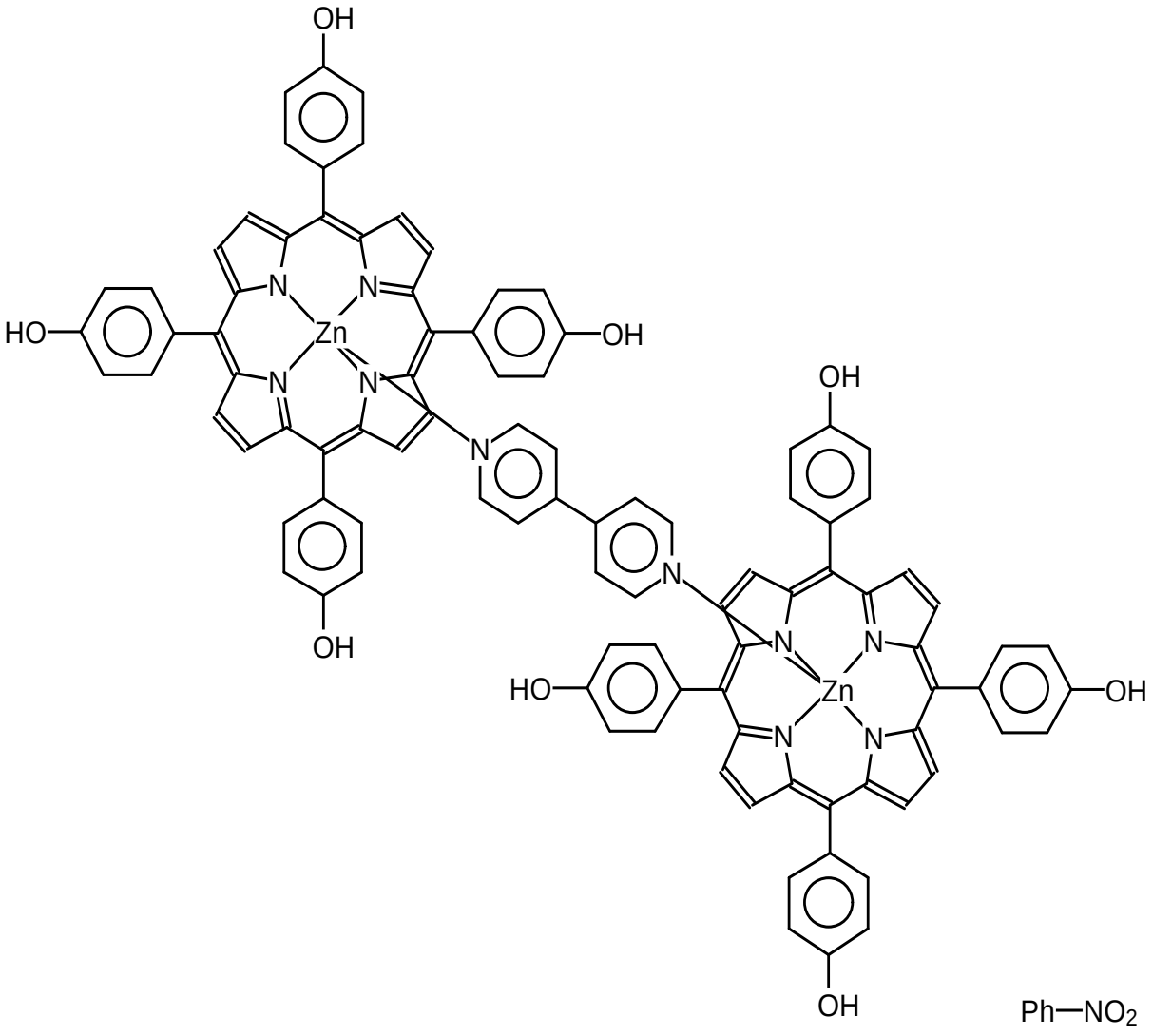
Reference: Y.Diskin-Posner, G.K.Patra, I.Goldberg (2002)
Chem.Commun. ,1420

Formula: $C_{98}\ H_{64}\ N_{10}\ O_8\ Zn_2$,12($C_6\ H_5\ N_1\ O_2$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(5,10,15,20-tetrakis(4-hydroxyphenyl) porphyrinato)-di-zinc nitromethane solvate

Space Group:	Cmca	***Cell:***	***a***	28.250(0)	***b***	26.457(0)	***c*** 41.481(1)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.80 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.336



Search: search1 (Thu May 26 10:05:42 2011): Hit 966

IFUSEH

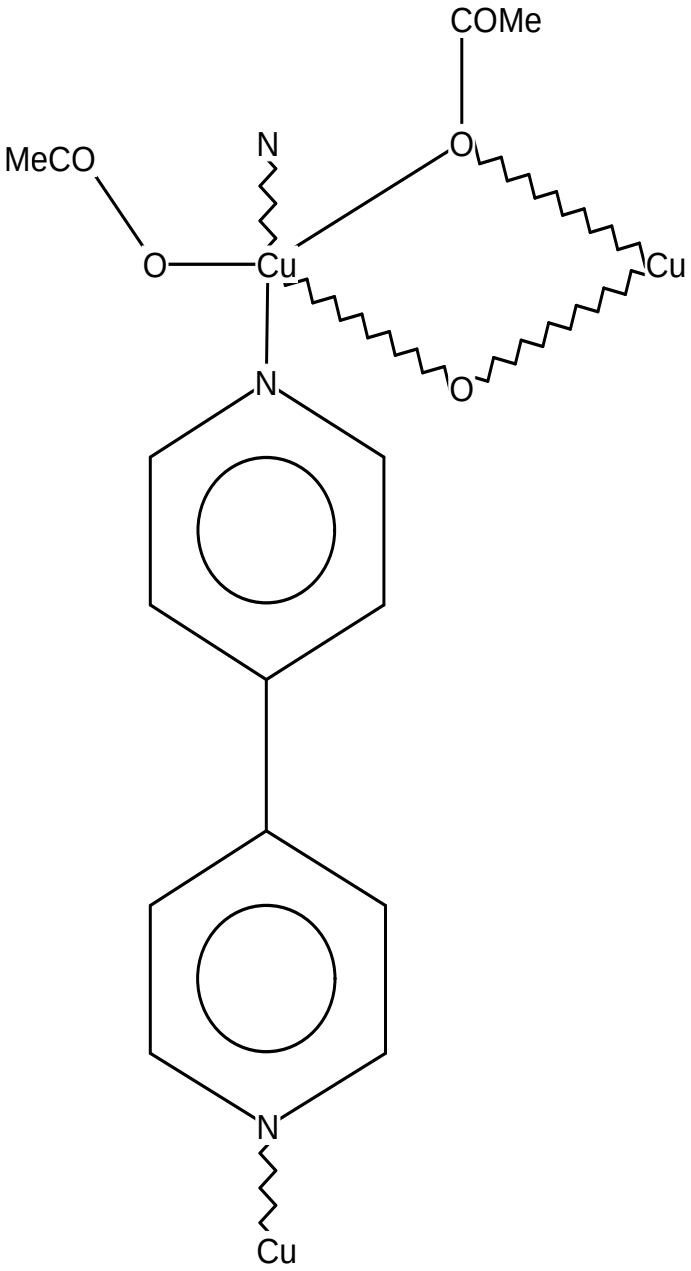
Reference: A.Castineiras, S.Balboa, E.Bermejo, R.Carballo, B.Covelo, J.Borras, J.A.Real (2002) *Z.Anorg.Allg.Chem. ,***628,**1116

Formula: $(C_{14}\ H_{14}\ Cu_1\ N_2\ O_4)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-Acetato-O,O)-(μ_2'-4,4'-bipyridine)-(acetato-O)-copper(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	17.015(1)	***b*** 11.149(1)	***c***	17.572(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.99(0)	γ	90.00

R-Factor (%): 6.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.591



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 967

IFUSEH01

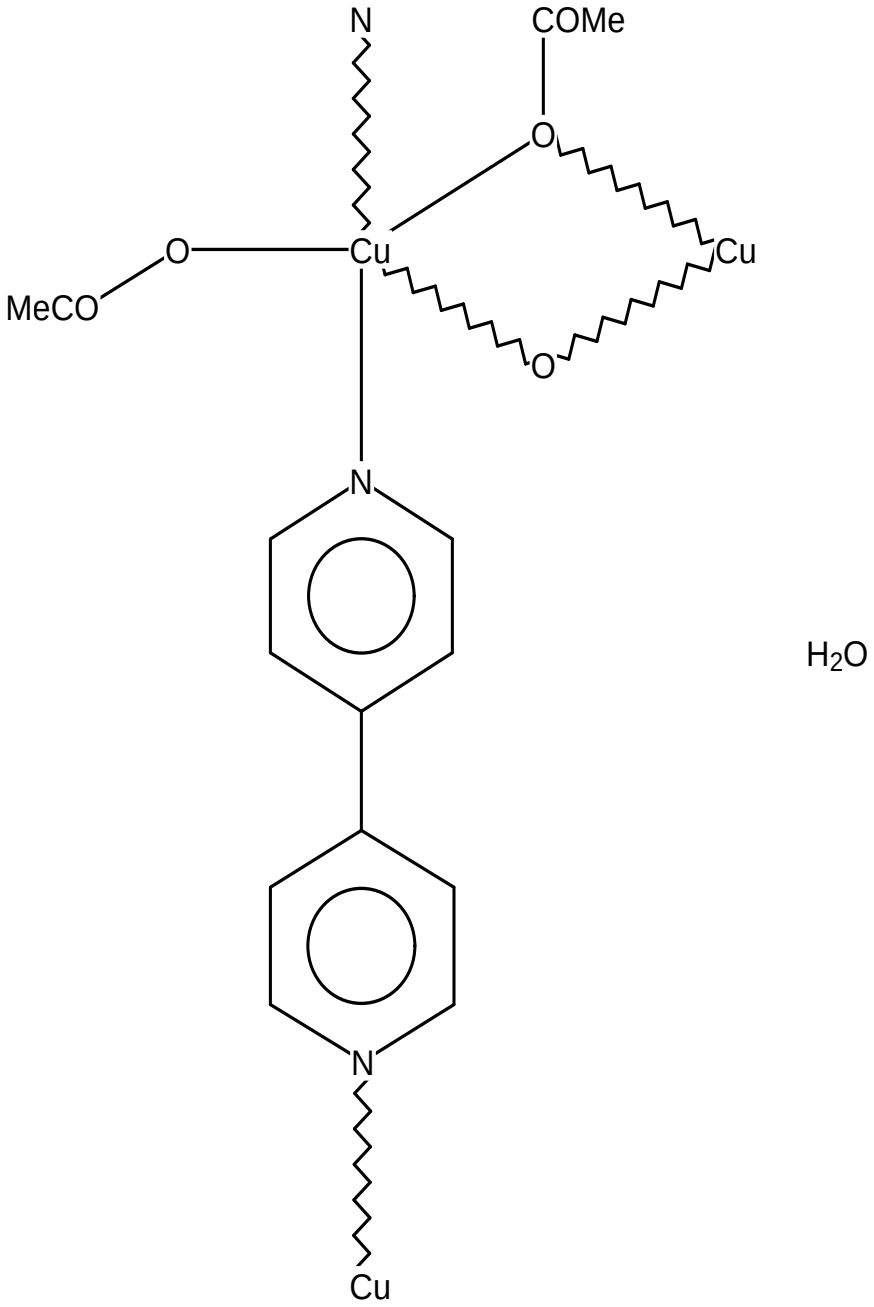
Reference: M.Biswas, J.D.Masuda, S.Mitra (2007) *Struct.Chem.* ,**18,**9

Formula: $(C_{14}\ H_{14}\ Cu_1\ N_2\ O_4)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-Acetato-O,O)-(μ_2-4,4'-bipyridine)-(acetato-O)-copper(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	17.040(4)	***b*** 11.149(2)	***c***	17.531(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.68(0)	γ	90.00

R-Factor (%): 5.83 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.591



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 968

IGEVUM

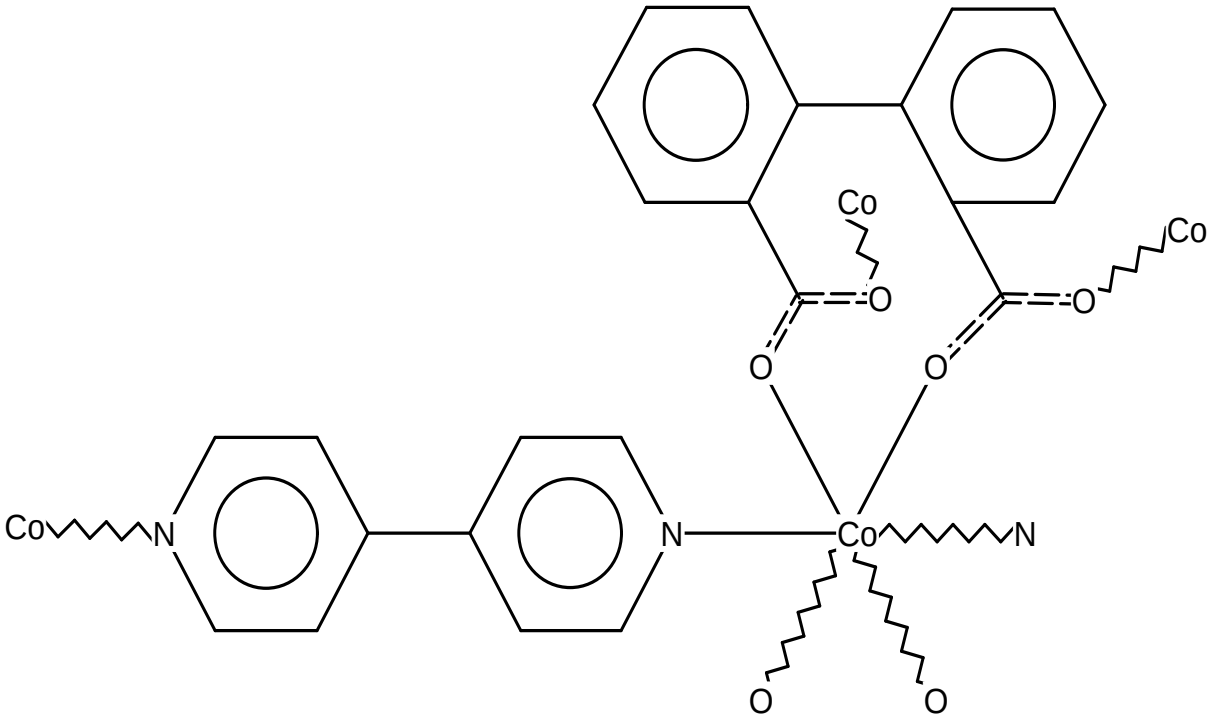
Reference: Xin-Xin Xu, Xiao-Xia Liu, Xia Zhang, Ting Sun (2009)
*Polyhedron ,***28,**2997

Formula: $(C_{24}\ H_{16}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_3-1,1'-Biphenyl-2,2'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-cobalt]

Space Group:	P21/n	***Cell:***	***a***	10.024(2)	***b***	9.613(1)	***c***	20.617(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.45(3)	γ	90.00

R-Factor (%): 5.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.522



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 969

IGEWAT

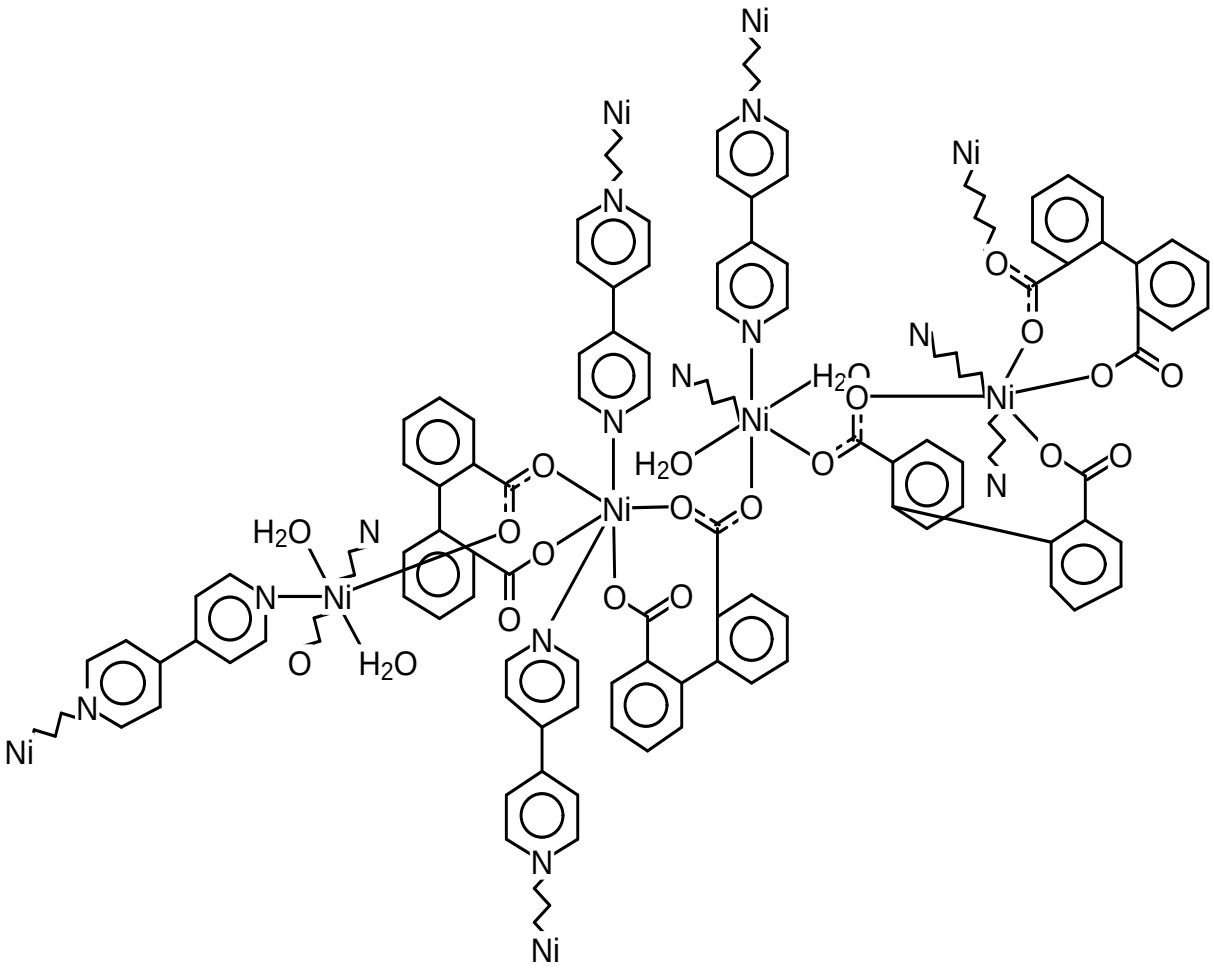
Reference: Xin-Xin Xu, Xiao-Xia Liu, Xia Zhang, Ting Sun (2009)
*Polyhedron ,***28,**2997

Formula: $(C_{96}\ H_{72}\ N_8\ Ni_4\ O_{20})n$

Compound Name: catena-[tetrakis(μ_2-1,1'-Biphenyl-2,2'-dicarboxylato)-tetrakis(μ_2-4,4'-bipyridyl)-tetraaqua-tetra-nickel]

Space Group:	C2	***Cell:***	***a*** 22.539(5)	***b*** 11.299(2)	***c*** 18.823(4)
Space Group No.:	5	***(Å,°)***	α 90.00	β 119.84(3)	γ 90.00

R-Factor (%): 3.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.512



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 970

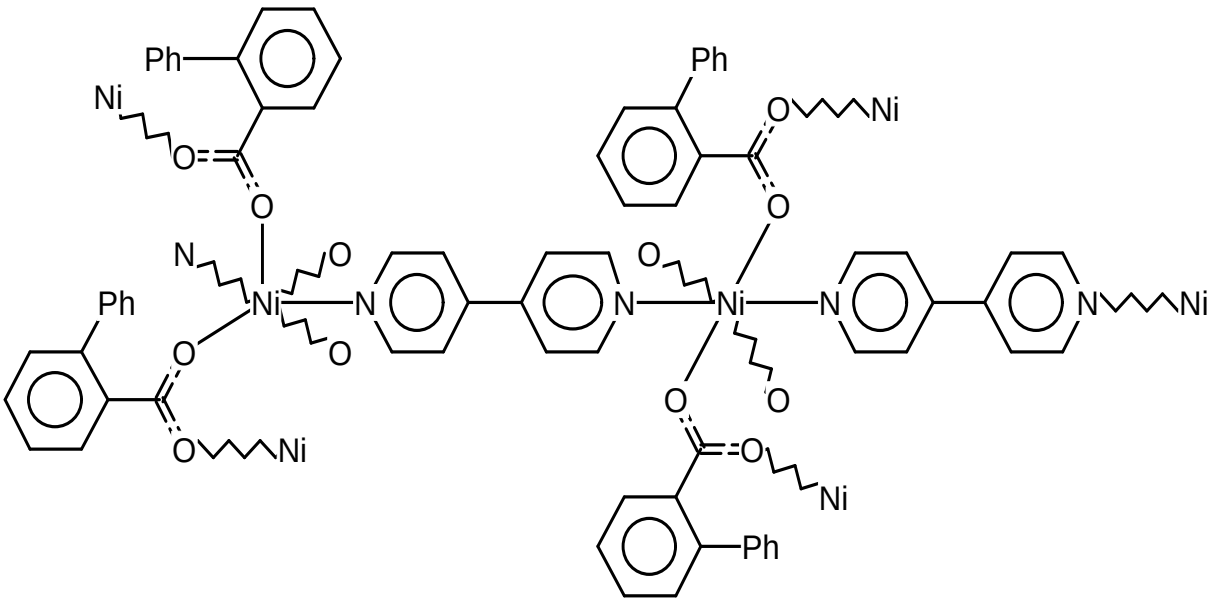
IGEWEX

Reference: Xin-Xin Xu, Xiao-Xia Liu, Xia Zhang, Ting Sun (2009) *Polyhedron ,***28,**2997

Formula: $(C_{72}\ H_{52}\ N_4\ Ni_2\ O_8)n$

Compound Name: catena-[tetrakis(μ_2-Biphenylene-2-carboxyl)-bis(4,4'-bipyridyl)-di-nickel]

Space Group:	P-1	***Cell:***	***a***	9.861(2)	***b***	15.816(3)	***c***	18.870(4)
Space Group No.:	2	***(Å,°)***	α	79.96(3)	β	82.73(3)	γ	81.31(3)
R-Factor (%):	4.94	***Temperature(K):***	293		***Density(g/cm^3):***	1.420		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 971

IGEWOH

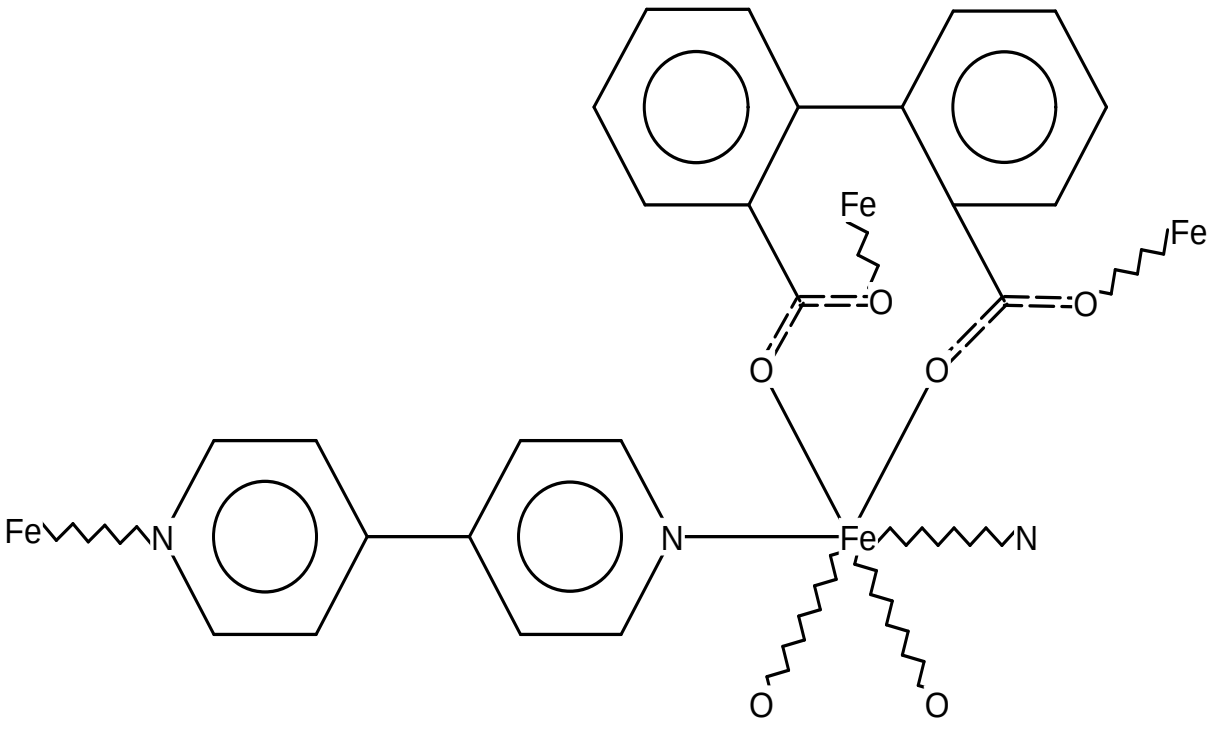
Reference: Xin-Xin Xu, Xiao-Xia Liu, Xia Zhang, Ting Sun (2009)
*Polyhedron ,***28,**2997

Formula: $(C_{24}\ H_{16}\ Fe_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_3-1,1'-Biphenyl-2,2'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-iron]

Space Group:	P21/n	***Cell:***	***a***	9.687(1)	***b***	9.595(1)	***c***	20.379(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.94(3)	γ	90.00

R-Factor (%): 5.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.587



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 972

IHIBEG

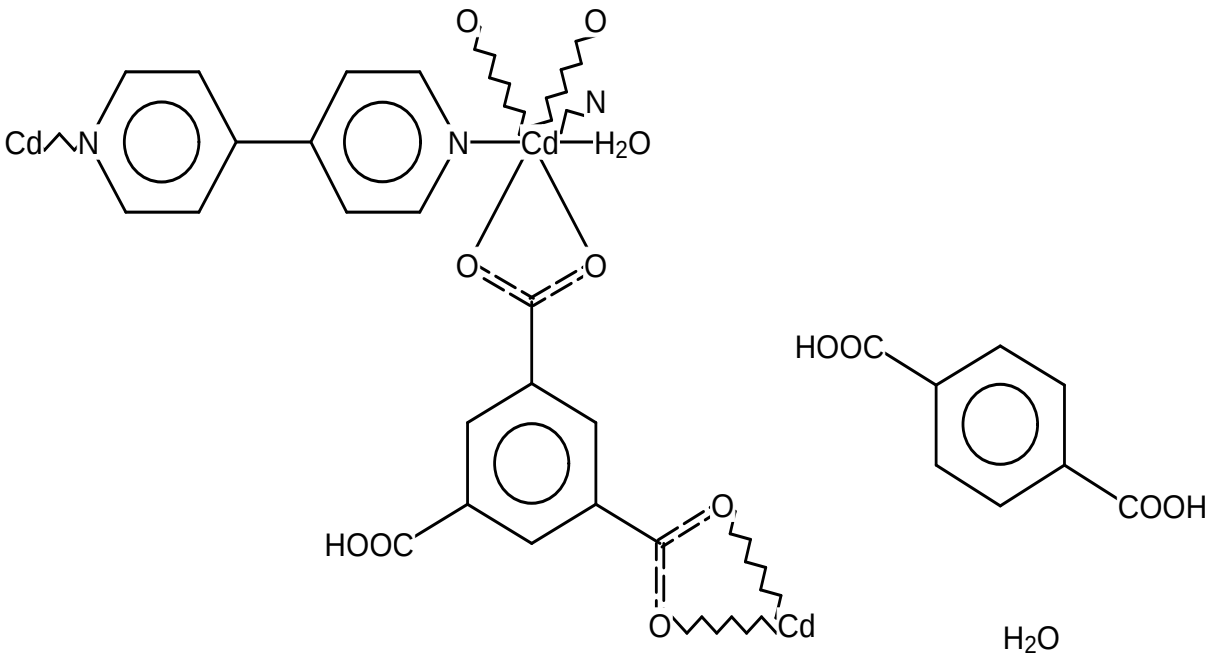
Reference: Jin-Cao Dai, Sheng-Min Hu, Xin-Tao Wu, Zhi-Yong Fu, Wen-Xin Du, Han-Hui Zhang, Rui-Qing Sun (2003) *New J.Chem. ,***27,** 914

Formula: $(C_{19}\ H_{14}\ Cd_1\ N_2\ O_7)n,0.5n(C_8\ H_6\ O_4),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-hydrogen trimesato)-(μ_2-4,4'-bipyridine)-aqua-cadmium(ii) hemiterephthalate dihydrate clathrate)

Space Group:	P-1	***Cell:***	***a***	10.128(0)	***b***	11.112(0)	***c*** 11.722(0)
Space Group No.:	2	***(Å,°)***	α	109.52(0)	β	95.95(0)	γ 105.43(0)

R-Factor (%): 5.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.740



Search: search1 (Thu May 26 10:05:42 2011): Hit 973

IHIGOW

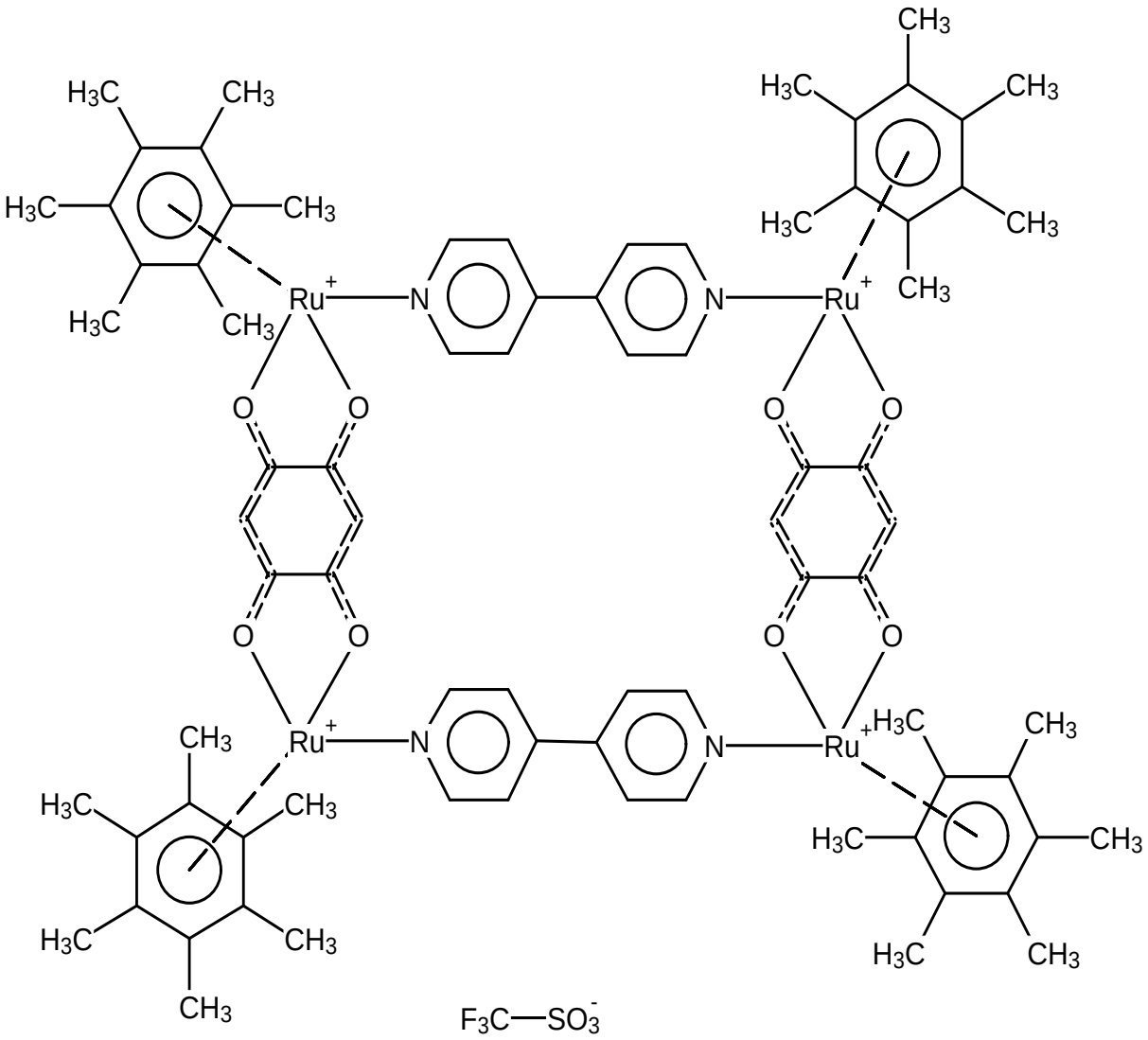
Reference: B.Therrien (2009) *Eur.J.Inorg.Chem.* ,2445

Formula: $C_{80}\ H_{92}\ N_4\ O_8\ Ru_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: bis(μ_2-4,4'-bipyridine)-bis(μ_2-2,5-dioxy-1,4-benzoquinonato)-tetrakis(η^6-hexamethylbenzene)-tetra-ruthenium tetrakis(trifluoromethanesulfonate)

Space Group:	P2/m	***Cell:***	***a***	15.213(1)	***b***	9.953(0)	***c*** 20.651(1)
Space Group No.:	10	***(Å,°)***	α	90.00	β	109.01(0)	γ 90.00

R-Factor (%): 4.50 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.257



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 974

IHOVAD

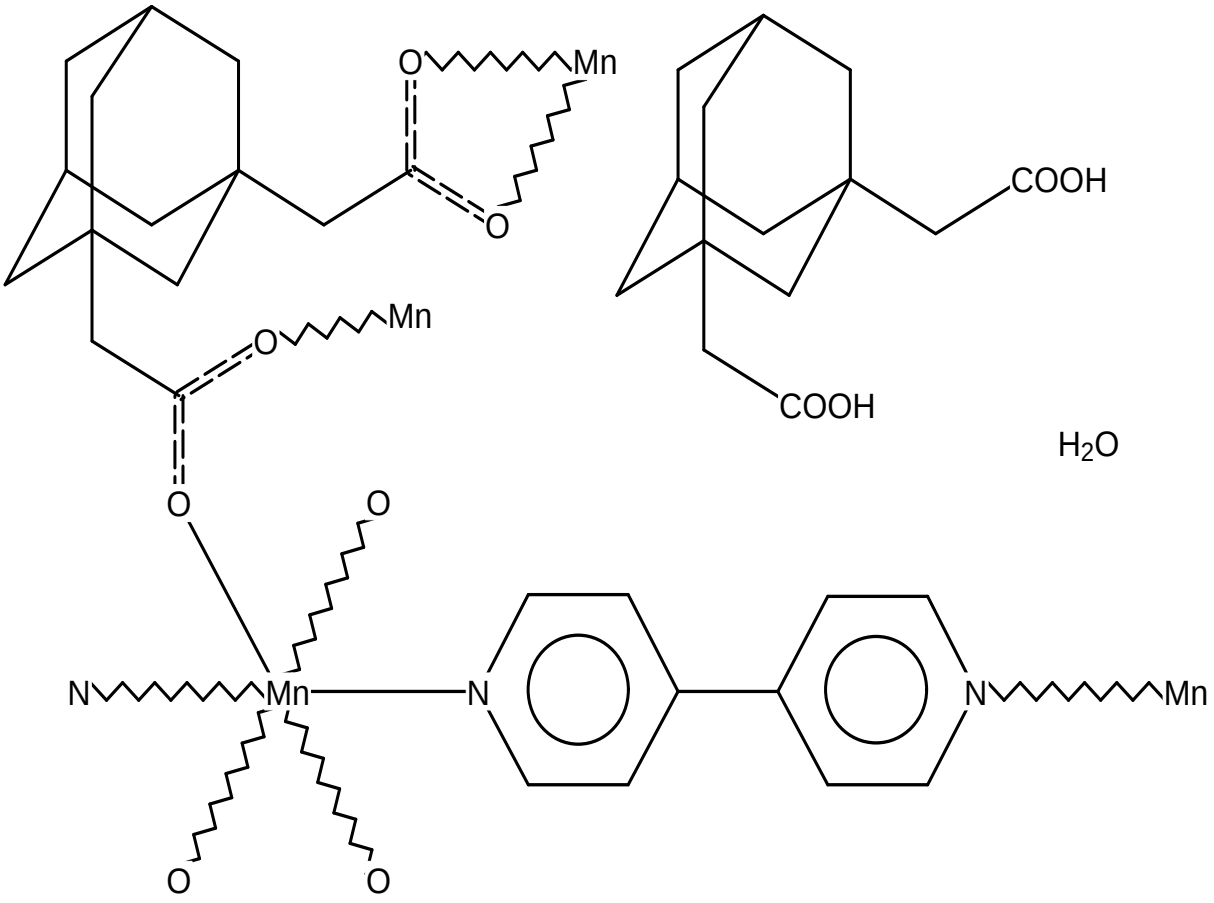
Reference: Xiao-Hong Geng, Yun-Long Feng, You-Zhao Lan, Li-Chun Kong (2009) *Struct.Chem. ,***20,**877

Formula: $(C_{24}\ H_{26}\ Mn_1\ N_2\ O_4)n,0.25n(C_{14}\ H_{20}\ O_4),0.5n(H_2\ O_1)$

Compound Name: catena-((μ_3-Adamantane-1,3-diacetato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-manganese(ii) adamantane-1,3-diacetic acid hemihydrate)

Space Group:	C2/c	***Cell:***	***a***	35.140(11)	***b*** 11.676(3)	***c***	15.340(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.10(0)	γ	90.00

R-Factor (%): 10.95 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.234



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 975

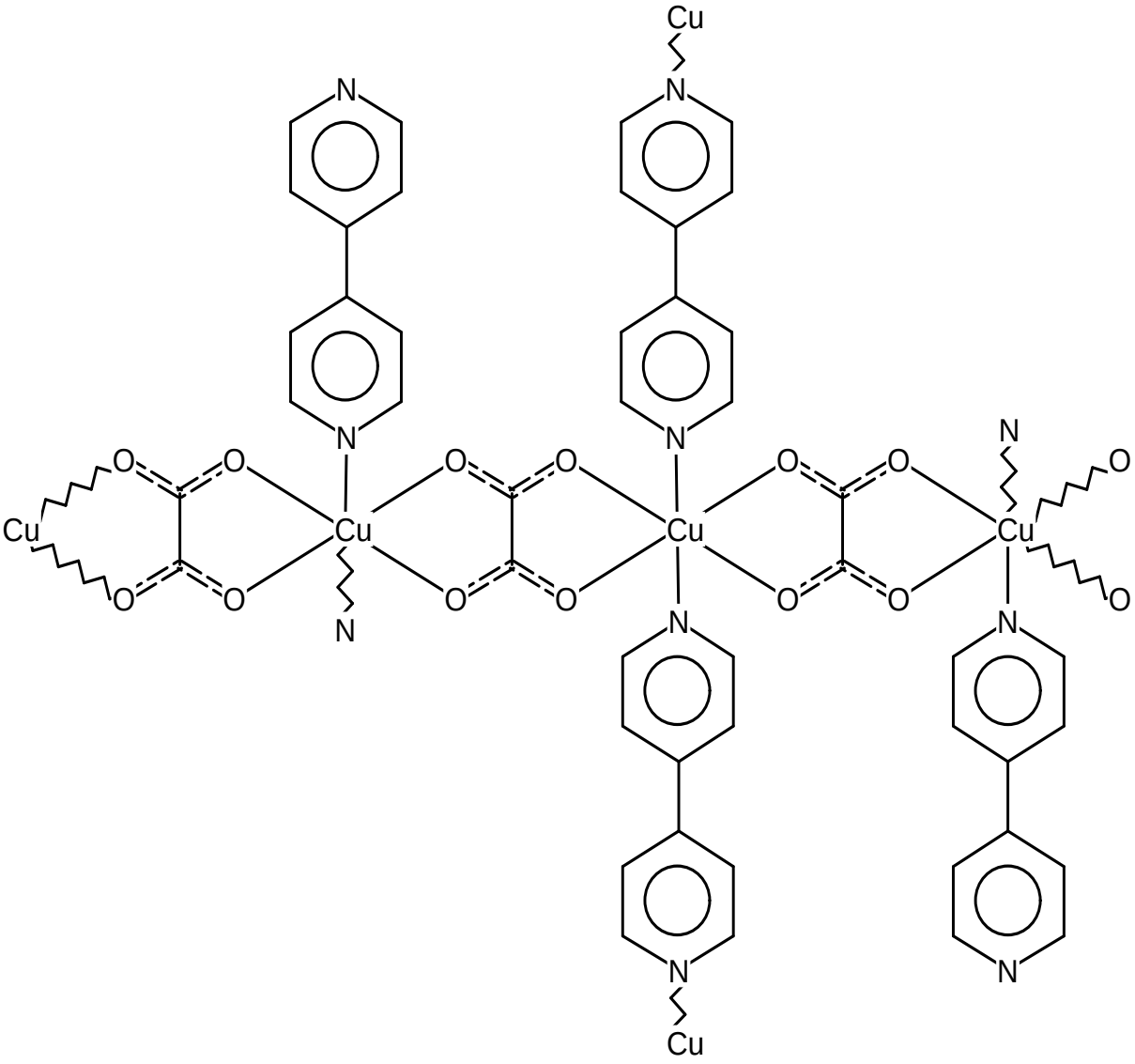
IJASAN

Reference: O.Castillo, J.Alonso, U.Garcia-Couceiro, A.Luque, P.Roman (2003) *Inorg.Chem.Commun. ,***6,**803

Formula: $(C_{46}\ H_{32}\ Cu_3\ N_8\ O_{12})n$

Compound Name: catena-[tris(μ_2-Oxalato)-bis(μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-tri-copper(ii)]

Space Group:	P21/c	***Cell:***	***a***	8.137(1)	***b***	15.942(3)	***c*** 15.971(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.39(2)	γ 90.00
R-Factor (%):	5.91	***Temperature(K):***	293		***Density(g/cm^3):***		1.733



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 976

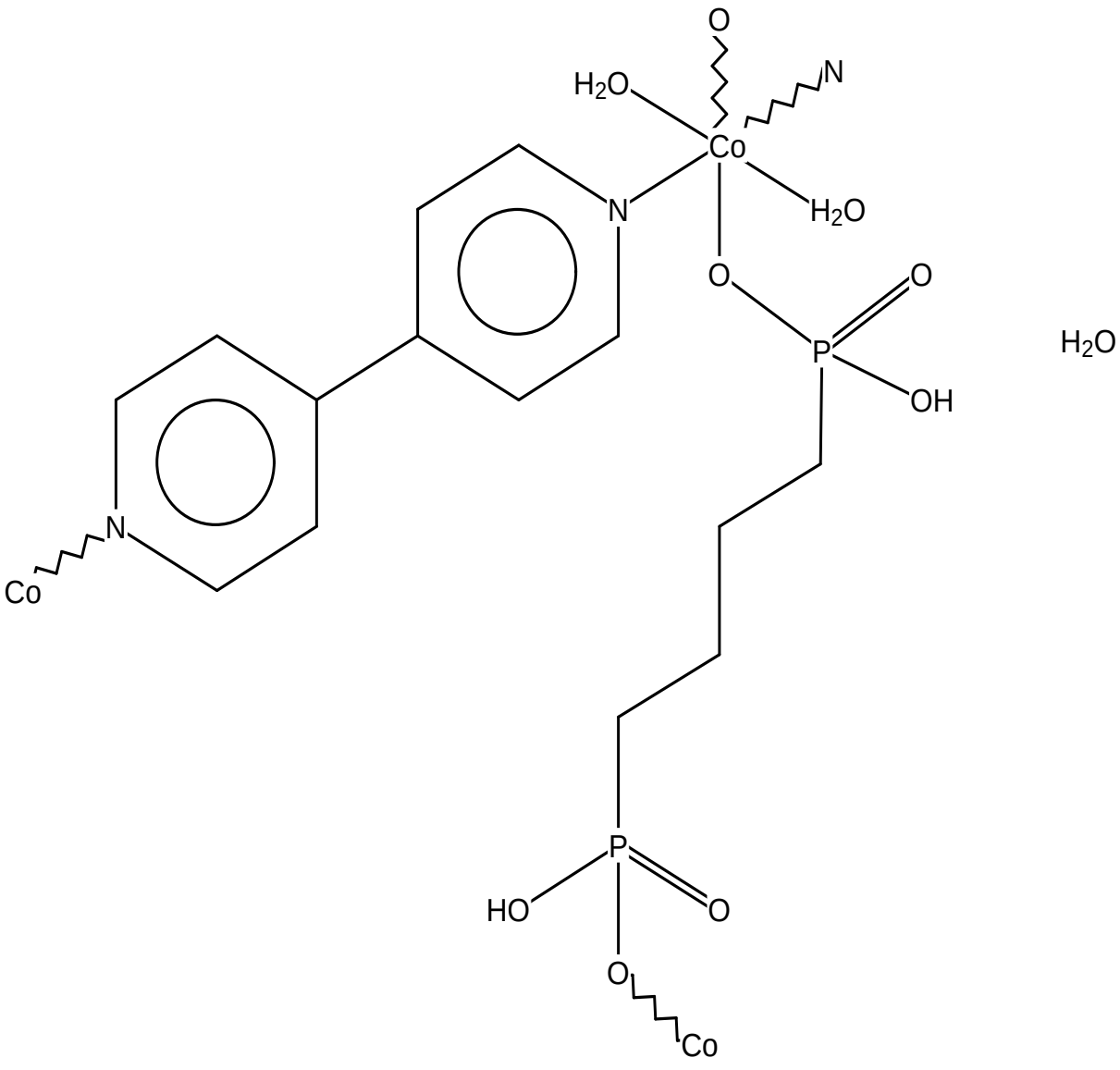
IJASIV

Reference: Rui-Biao Fu, Xin-Tao Wu, Sheng-Min Hu, Jian-Jun Zhang, Zhi-Youg Fu, Wen-Xin Du (2003) *Inorg.Chem.Commun. ,***6,**827

Formula: $(C_{14}\ H_{22}\ Co_1\ N_2\ O_8\ P_2)n,4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-butylene-1,4-diphosphonato)-diaqua-cobalt(ii) tetrahydrate]

Space Group:	C2/c	***Cell:***	***a*** 11.287(1)	***b*** 11.387(1)	***c*** 18.928(1)
Space Group No.:	15	***(Å,°)***	α 90.00	β 106.00(0)	γ 90.00
R-Factor (%):	6.62	***Temperature(K):***	293	***Density(g/cm^3):***	1.532



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 977

IJITUQ

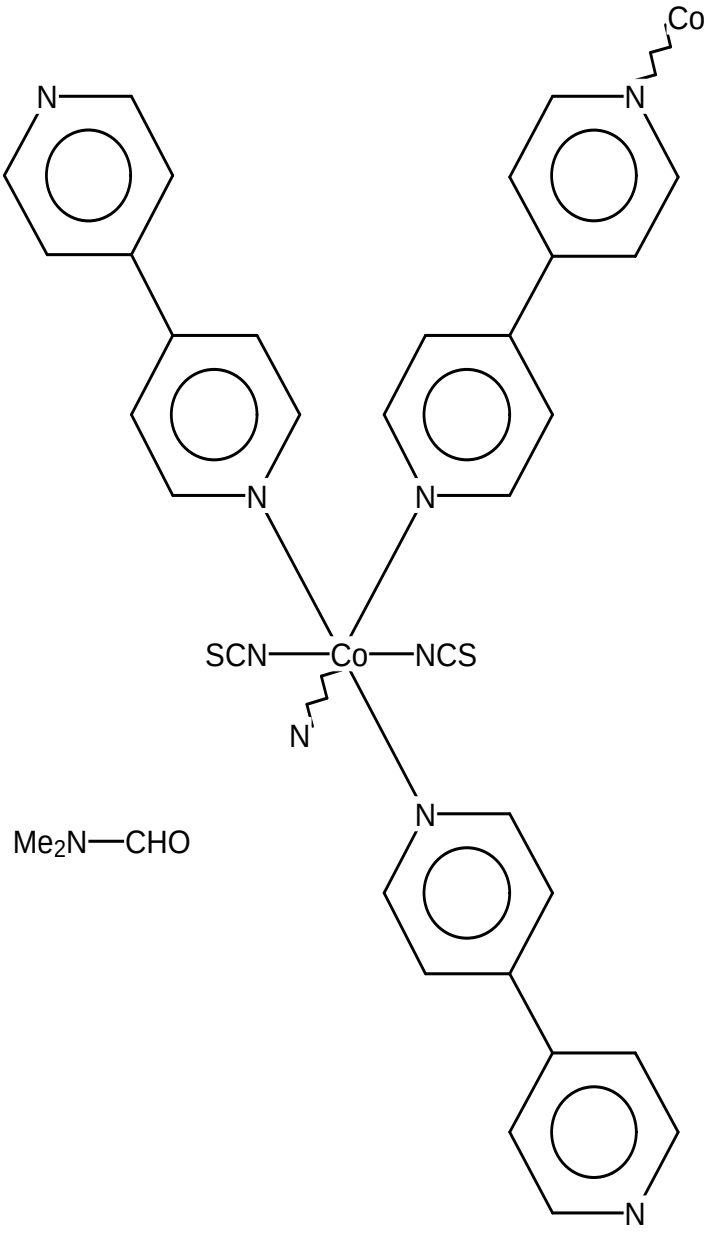
Reference: Li-Na Zhu, Qing-Lun Wang, Wen-Zhen Wang, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan (2003) *J.Mol.Struct.* , **649,**111

Formula: $(C_{32}\ H_{24}\ Co_1\ N_8\ S_2)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridine)-di-isothiocyanato-cobalt(ii) dimethylformamide solvate)

Space Group:	C2/c	***Cell:***	***a***	20.807(6)	***b***	11.533(4)	***c***	16.416(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.22(0)	γ	90.00

R-Factor (%): 6.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.340



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 978

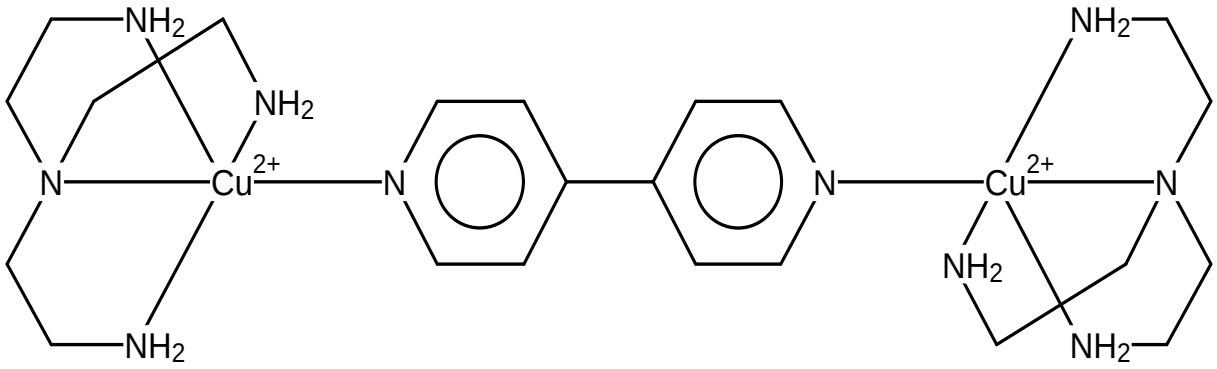
IJIVUS

Reference: Xing-You Xu, Tao Zheng, Wei-Xing Ma, Ming-Xing Zhang, Qing-Liang Liu, S.R.Grguric, V.M.Dinovic, G.N.Kaluderovic, T.J.Sabo (2002) *J.Coord.Chem.* ,**55,**711

Formula: $C_{22}\ H_{44}\ Cu_2\ N_{10}\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis((tris(2-aminoethyl)amine)-copper(ii)) tetraperchlorate

Space Group:	P21/n	***Cell:***	***a***	9.637(2)	***b***	15.560(3)	***c*** 12.945(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.50(3)	γ 90.00
R-Factor (%):	6.14	***Temperature(K):***	294		***Density(g/cm^3):***	1.676	



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 979

IJIVUS01

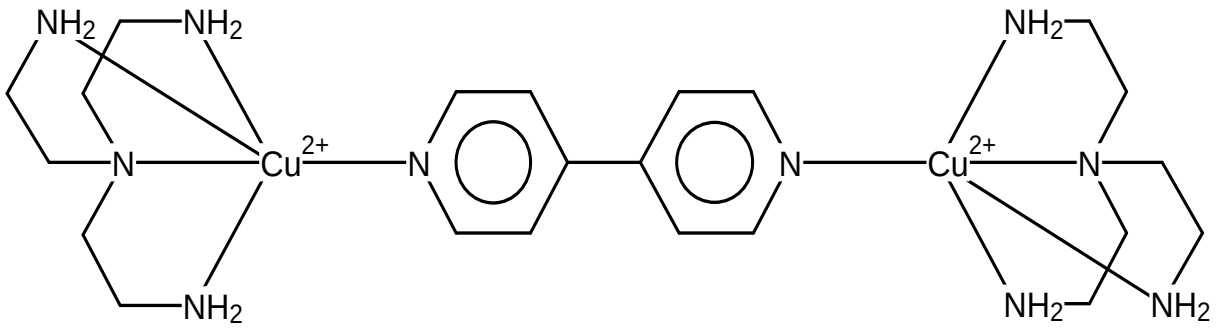
Reference: Xing-you Xu, Tao Zheng, Hua Chen, Ming-xing Zhang, Wei-xing Ma (1999)
Huaihai Gongxueyuan Xuebao(Chin.)(J.Huaihai Inst.Technol.) ,**8,**35

Formula: $C_{22}\ H_{44}\ Cu_2\ N_{10}\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(tris(2-aminoethyl)amine)-copper(ii) tetraperchlorate

Space Group:	P21/n	***Cell:***	***a***	9.637(2)	***b***	15.560(3)	***c***	12.945(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.50	γ	90.00

R-Factor (%): 6.14 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.676



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 980

IJUXUG

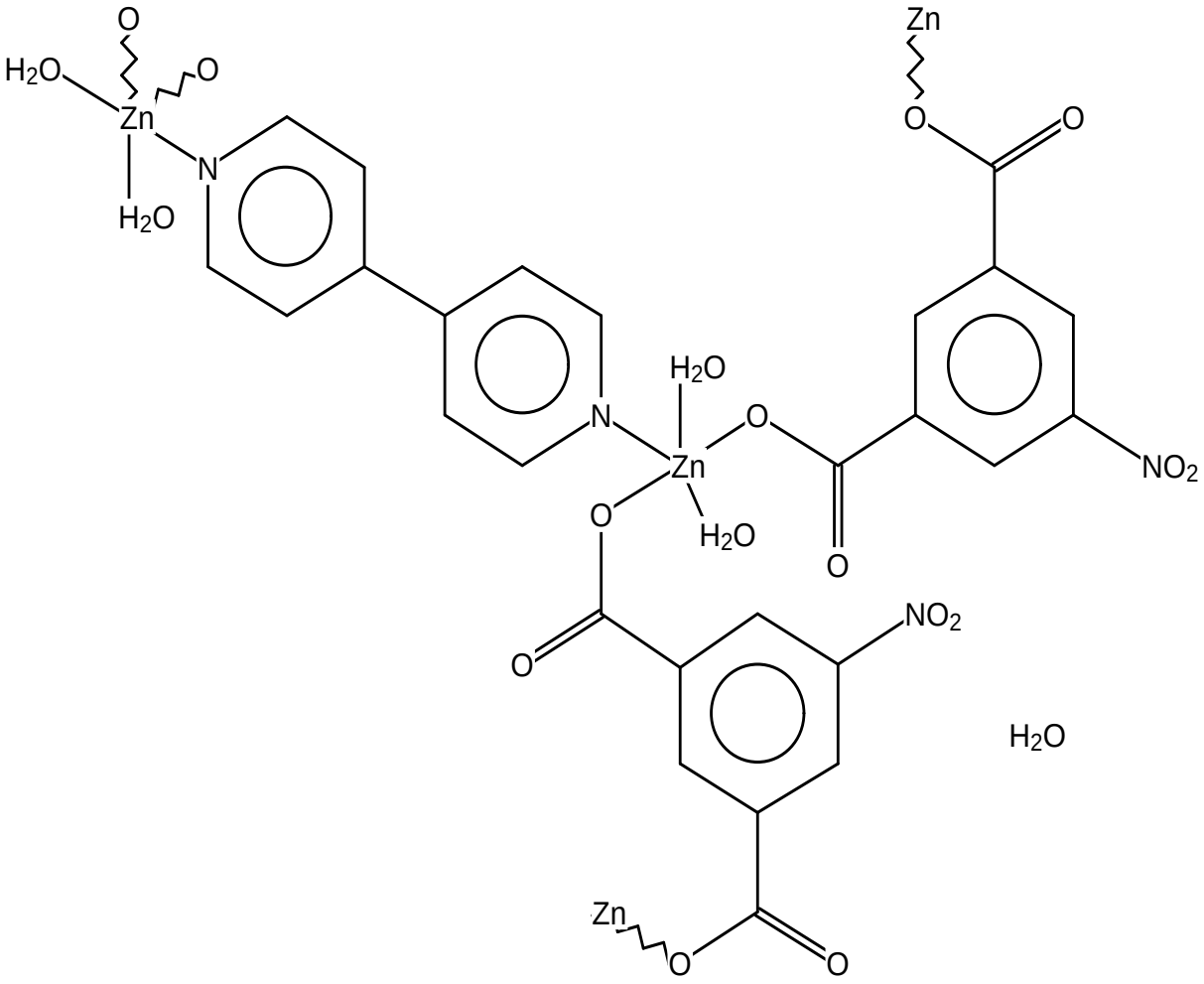
Reference: Yin Xin, Jun Tao, Rong-Bin Huang, Lan-Sun Zheng (2002)
*Main Group Met.Chem. ,***25,**691

Formula: $(C_{26}\ H_{22}\ N_4\ O_{16}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-5-nitro-1,3-benzenedicarboxylato-O,O')-tetra-aqua-di-zinc(ii) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.218(4)	***b*** 9.657(1)	***c***	18.767(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.64(3)	γ	90.00

R-Factor (%): 3.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.773



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 981

IJUXUG01

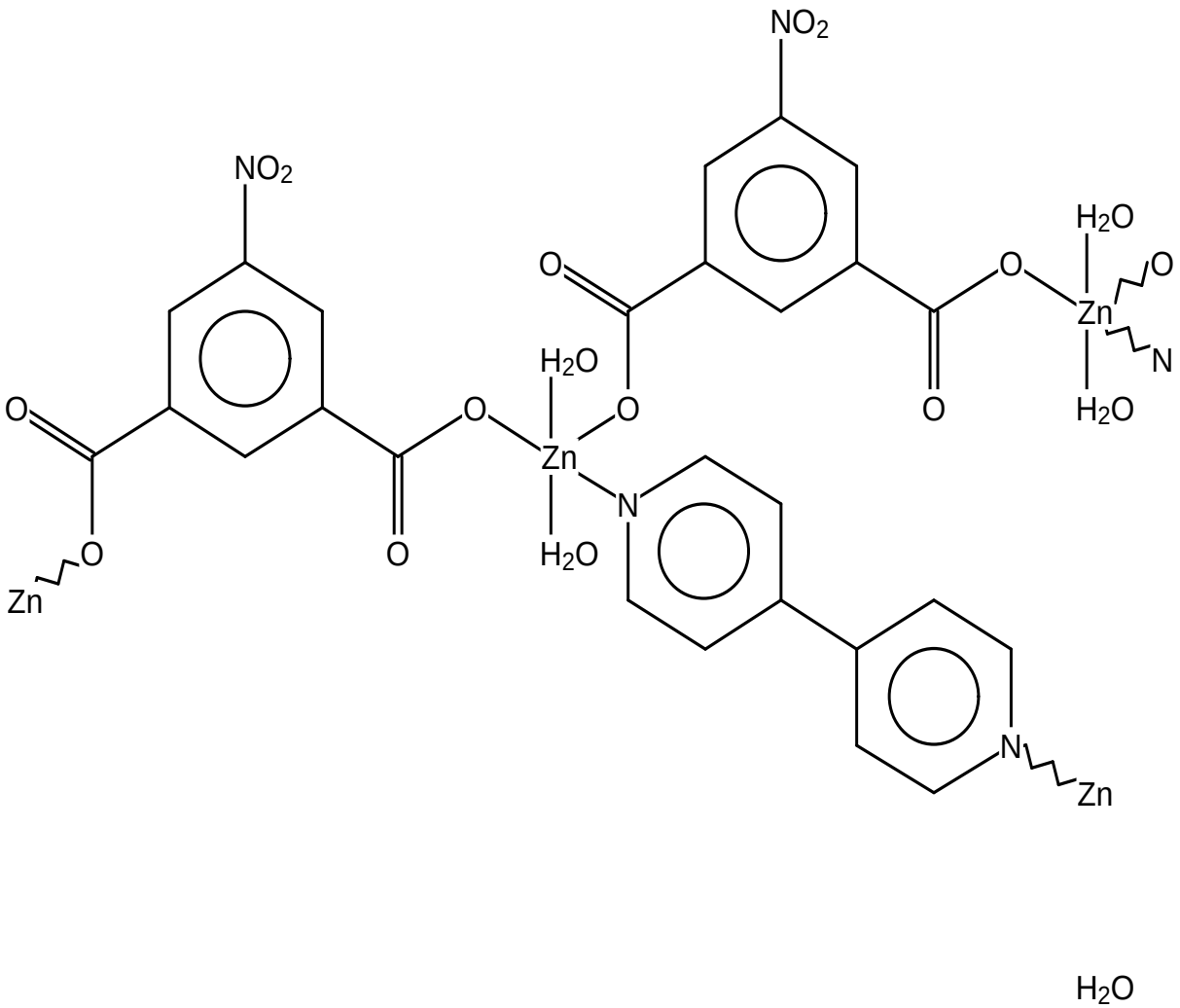
Reference: Haitao Xu, Yadong Li (2004) *J.Mol.Struct.* ,**693,**11

Formula: $(C_{26}\ H_{22}\ N_4\ O_{16}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-5-nitrophthalato)-tetra-aqua-di-zinc dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.151(7)	***b*** 9.636(3)	***c***	18.712(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.67(0)	γ	90.00

R-Factor (%): 3.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.789



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 982

IKAZEZ

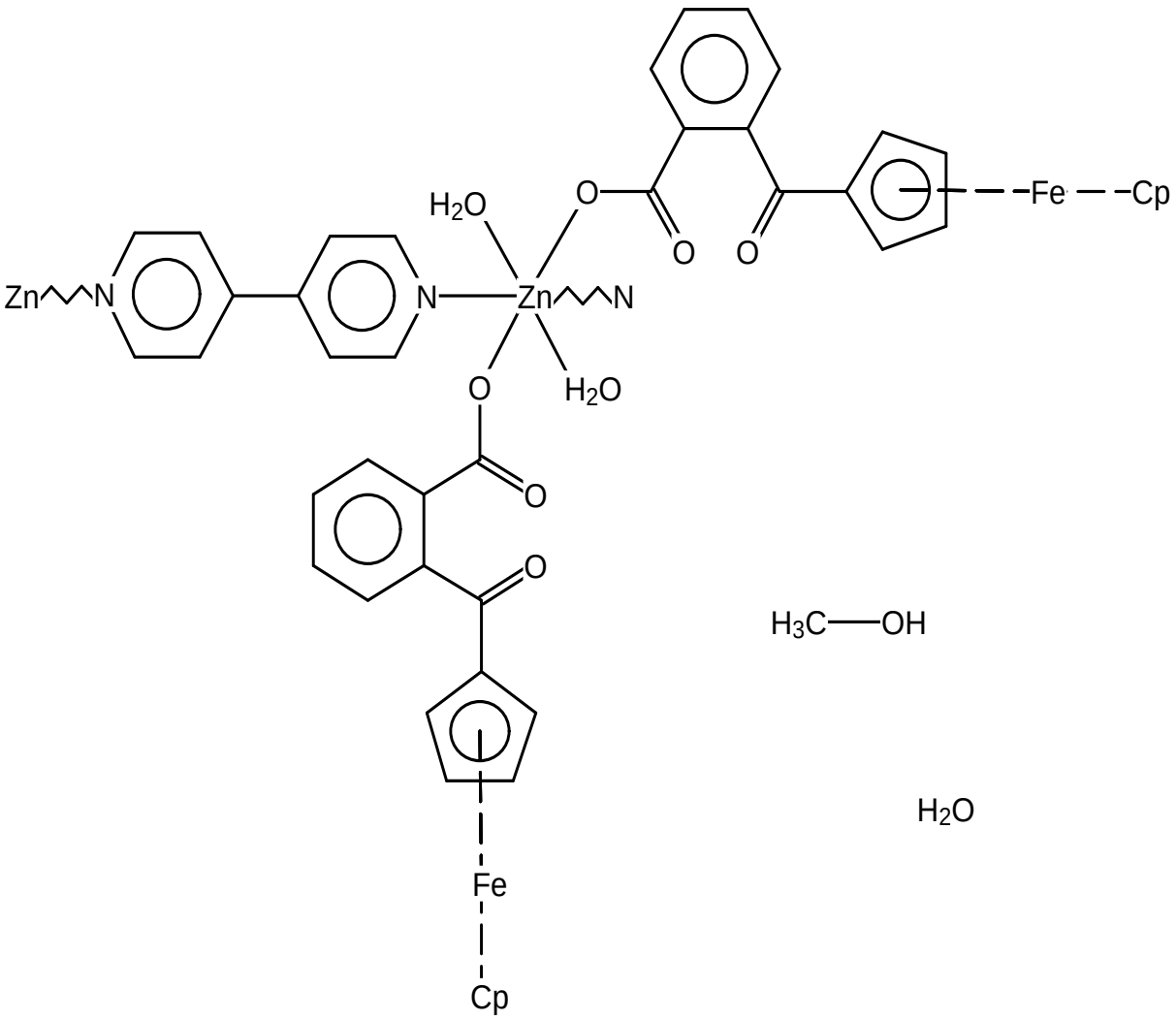
Reference: Gang Li, Hongwei Hou, Linke Li, Xiangru Meng, Yaoting Fan, Yu Zhu (2003) *Inorg.Chem.* ,**42,**4995

Formula: $(C_{46}\ H_{38}\ Fe_2\ N_2\ O_8\ Zn_1)n,2n(C_1\ H_4\ O_1),2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-diaqua-bis(2-ferrocenylcarbonylbenzoato)-zinc(ii) methanol solvate dihydrate]

Space Group:	C2/c	***Cell:***	***a***	34.191(7)	***b*** 11.470(2)	***c***	12.100(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.57(3)	γ	90.00

R-Factor (%): 7.33 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.481



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 983

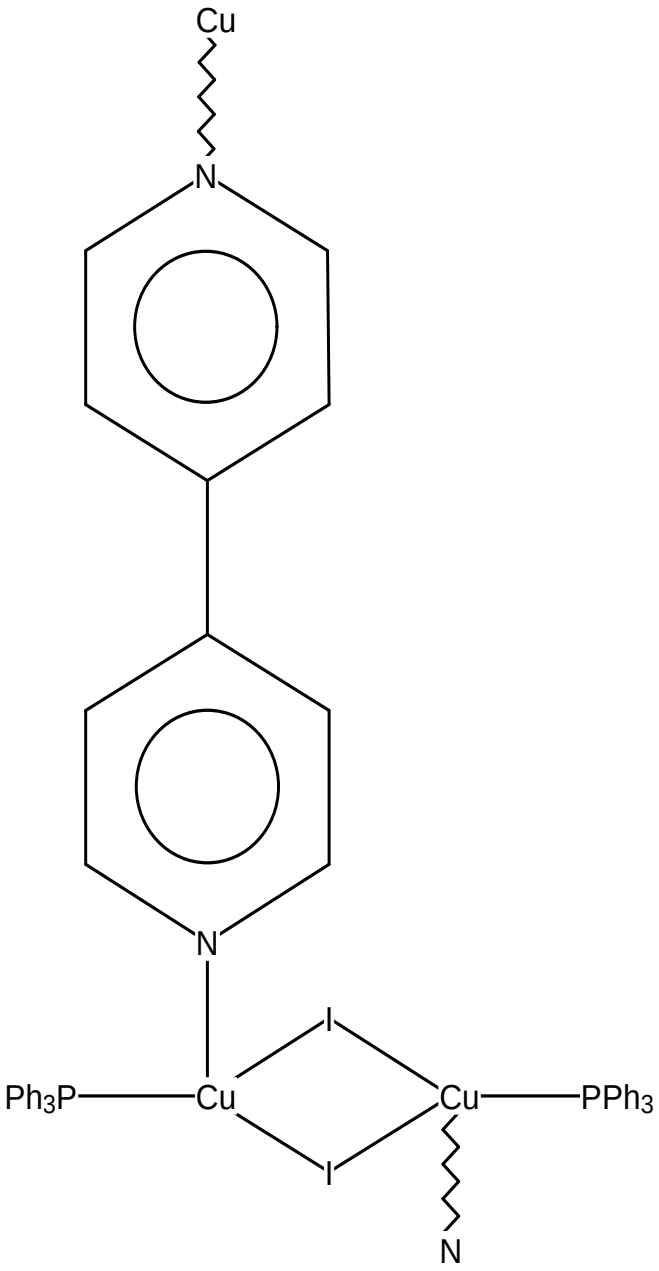
IKETEX

Reference: Rong-Zhen Li, Dan Li, Xiao-Chun Huang, Zhi-Yu Qi, Xiao-Ming Chen (2003) *Inorg.Chem.Commun.* ,**6,**1017

Formula: $(C_{46}\ H_{38}\ Cu_2\ I_2\ N_2\ P_2)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-bis(μ_2-iodo)-bis(triphenylphosphine)-di-copper(i))

Space Group:	P1	***Cell:***	***a***	9.228(0)	***b***	9.401(0)	***c*** 13.366(1)
Space Group No.:	1	***(Å,°)***	α	107.45(0)	β	106.71(0)	γ 93.48(0)
R-Factor (%):	3.24	***Temperature(K):***	293	***Density(g/cm^3):***	1.686		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 984

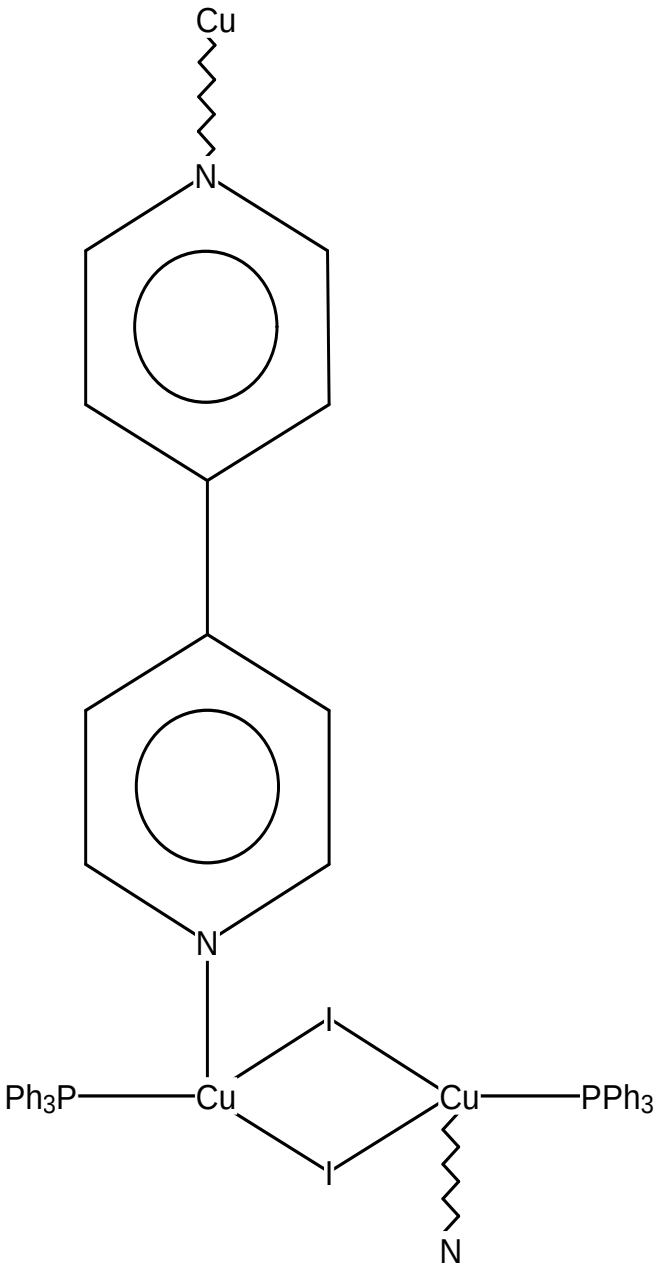
IKETEX01

Reference: R.E.Marsh (2005) *Acta Crystallogr.,Sect.B:Struct.Sci.* ,**61,** 359

Formula: $(C_{46}\ H_{38}\ Cu_2\ I_2\ N_2\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-iodo)-bis(triphenylphosphine)-di-copper(i))

Space Group:	P-1	***Cell:***	***a*** 9.228	***b*** 9.401	***c*** 13.366
Space Group No.:	2	***(Å,°)***	α 107.44	β 106.71	γ 93.48
R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.686



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 985

IKEVEZ

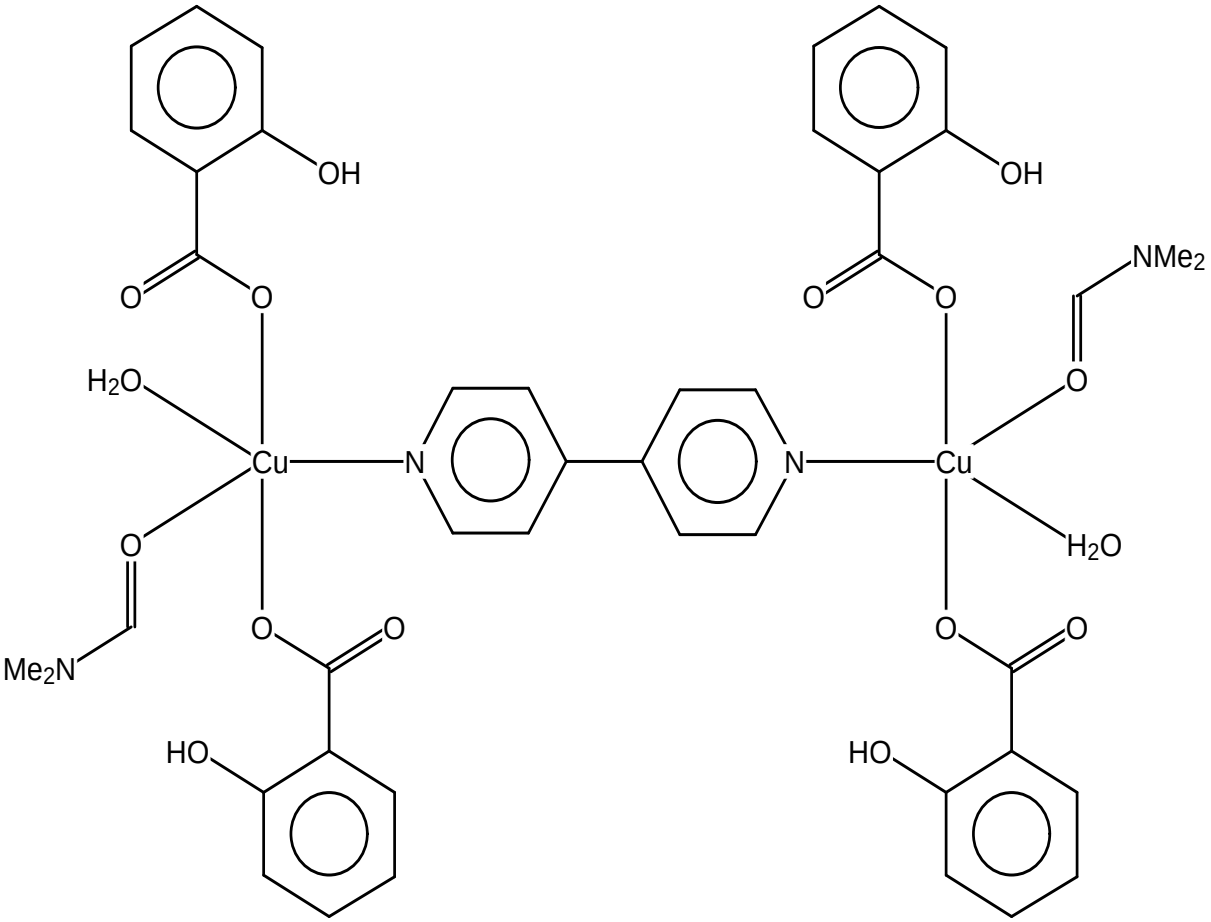
Reference: Long-Guan Zhu, S.Kitagawa (2003)
Inorg.Chem.Commun. ,**6,**1051

Formula: $C_{44}\ H_{46}\ Cu_2\ N_4\ O_{16}$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(dimethylformamide-O)-tetrakis(hydrogen salicylato-O)-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	7.629(0)	***b*** 11.974(2)	***c***	12.731(1)
Space Group No.:	2	***(Å,°)***	α	101.08(0)	β 95.68(0)	γ	97.16(0)

R-Factor (%): 3.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.499



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 986

IKEVID

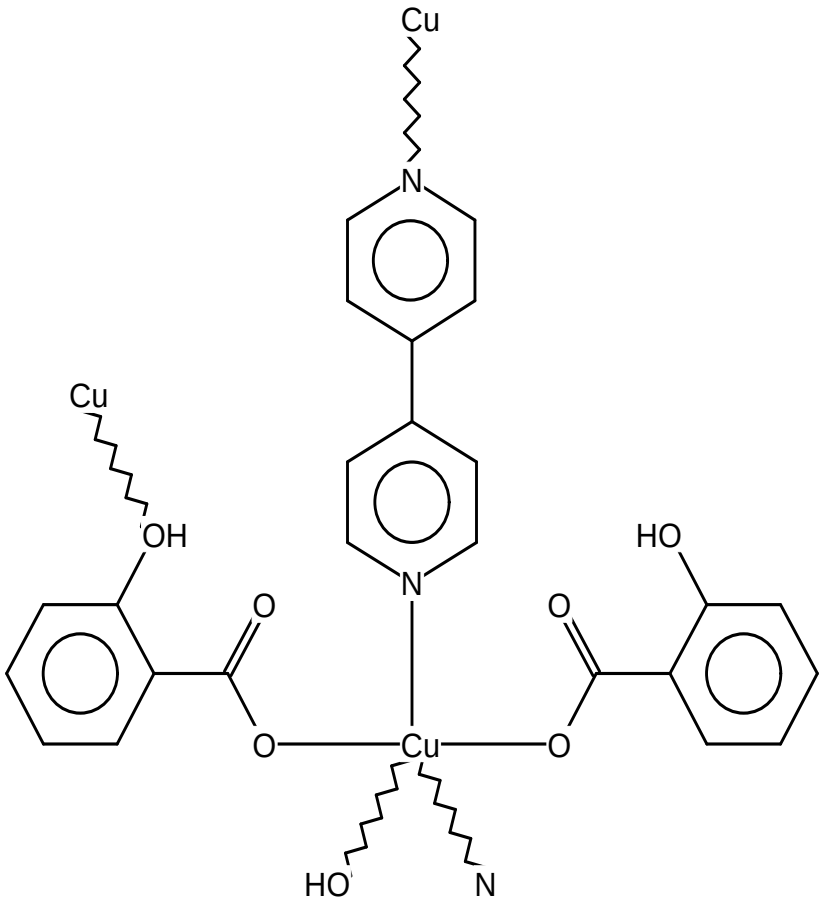
Reference: Long-Guan Zhu, S.Kitagawa (2003)
Inorg.Chem.Commun. ,**6,**1051

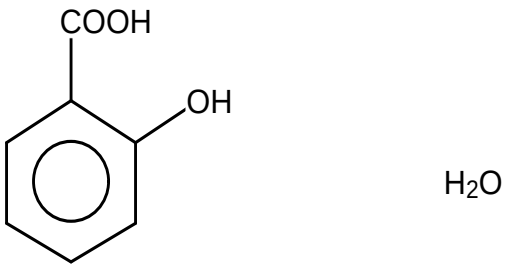
Formula: $(C_{24}\ H_{18}\ Cu_1\ N_2\ O_6)n,n(C_7\ H_6\ O_3),n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(μ_2-hydrogen salicylato-O,O')-(salicylato-O)-copper(ii) salicylic acid monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.249(0)	***b*** 11.113(1)	***c***	19.572(2)
Space Group No.:	2	***(Å,°)***	α	93.85(0)	β 100.20(0)	γ	97.28(0)

R-Factor (%): 5.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.409





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 987

IKOZUD

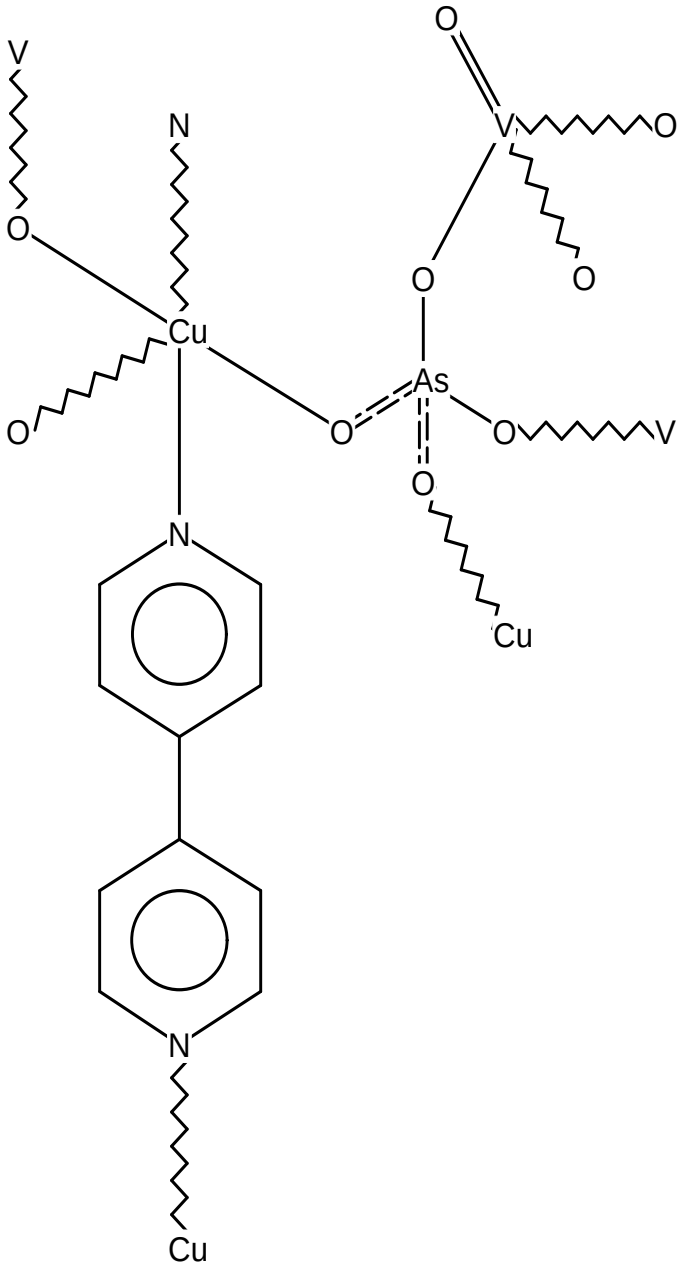
Reference: Chih-Min Wang, Kwang-Hwa Lii (2003)
*J.Solid State Chem. ,***172,**194

Formula: $(C_{10}\ H_8\ As_1\ Cu_1\ N_2\ O_6\ V_1)n$

Compound Name: catena-((μ_4-Arsenato)-(μ_2-4,4'-bipyridyl)-(μ_2-oxo)-oxo-copper(ii)-vanadium(v))

Space Group:	C2/c	***Cell:***	***a*** 21.923(2)	***b*** 8.245(0)	***c*** 16.177(1)
Space Group No.:	15	***(Å,°)***	α 90.00	β 110.97(0)	γ 90.00

R-Factor (%): 4.14 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.149



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 988

INOBAO

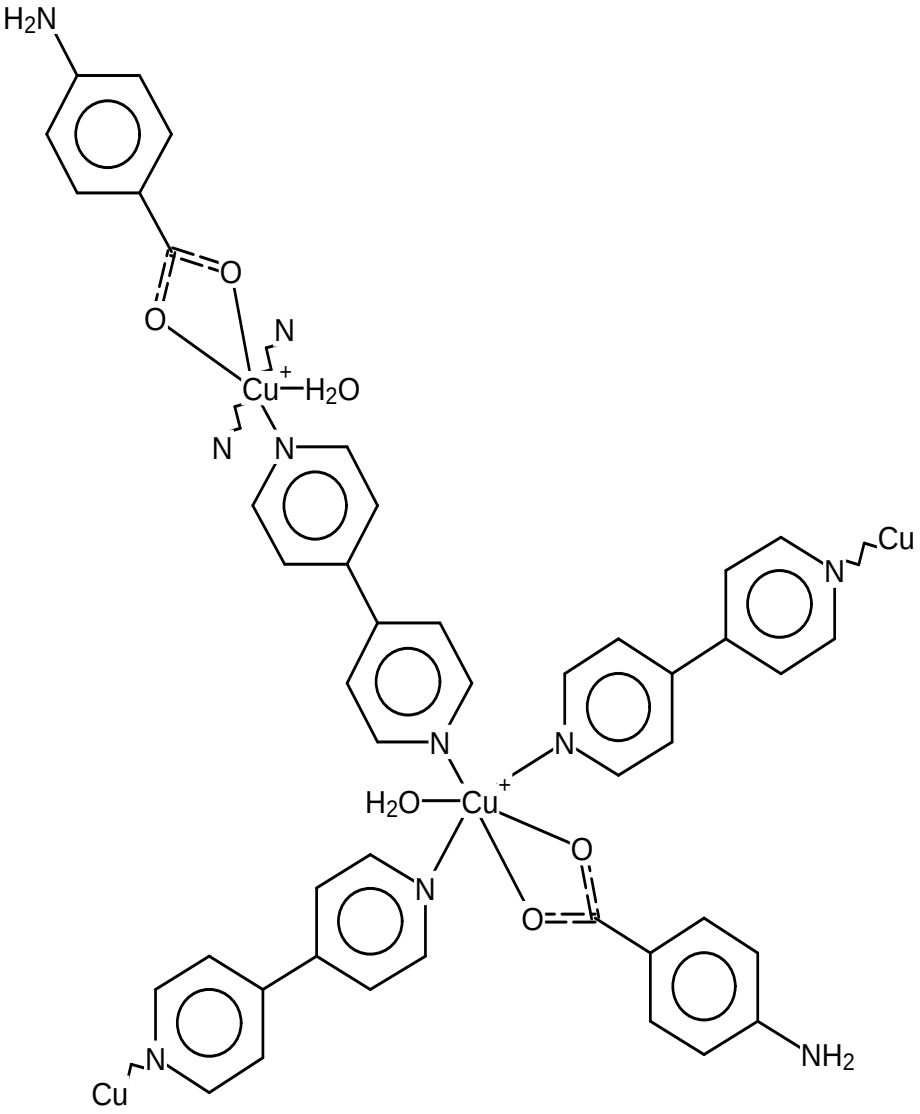
Reference: Da-Hua Hu, Wei Huang, Kai Cui, Yi-Zhi Li, Shao-Hua Gou, Ji-Lin Yan (2004) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**60,**m91

Formula: $(C_{44}\ H_{40}\ Cu_2\ N_8\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-bis(aqua-(p-aminobenzoato-O,O')-copper(ii)) dinitrate tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.102(2)	***b***	15.478(3)	***c*** 14.493(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	104.75(1)	γ 90.00

R-Factor (%): 3.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.517



$O_2N—O^-$ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 989

INOBAO01

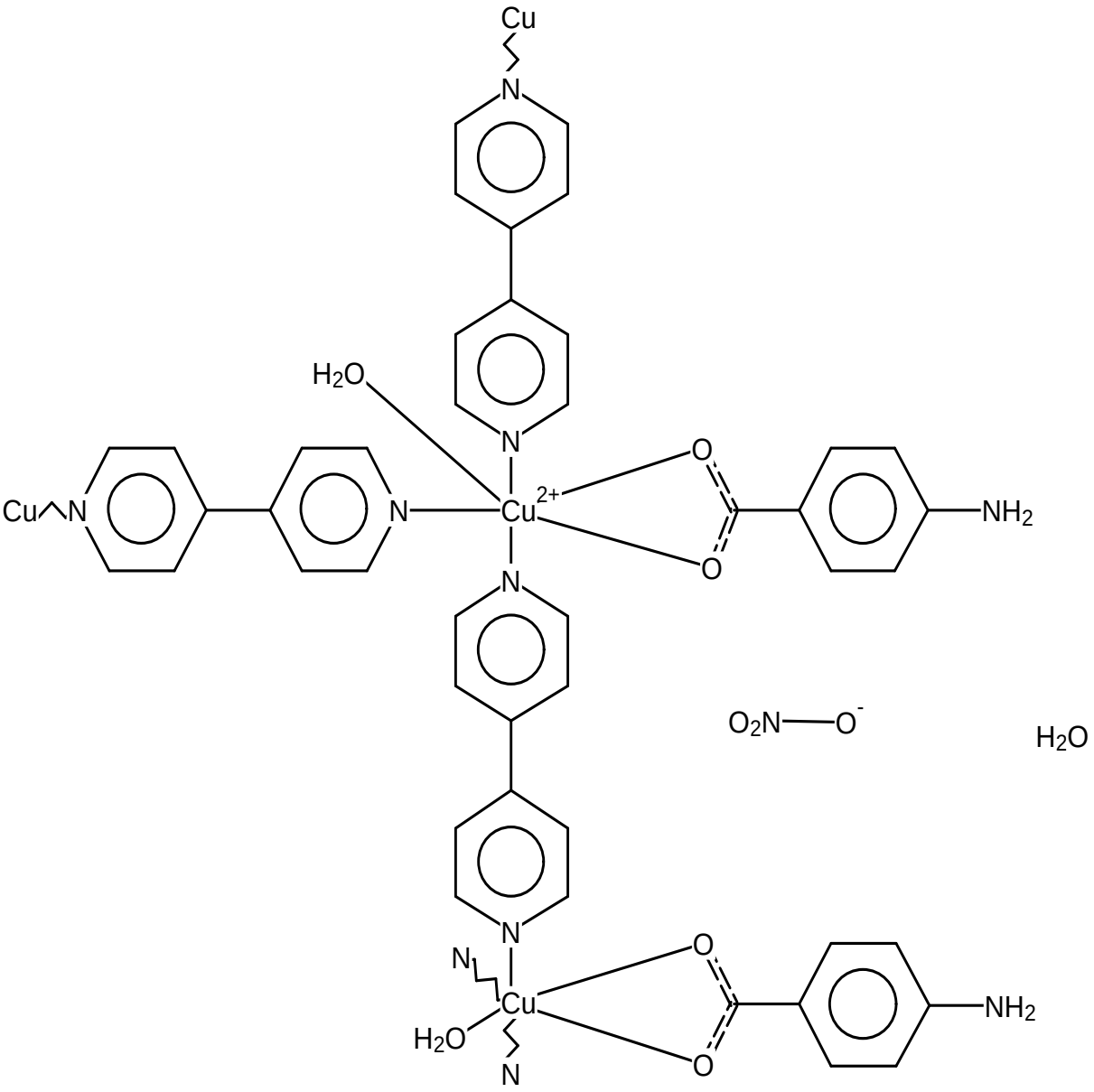
Reference: Ruihu Wang, Feilong Jiang, Youfu Zhou, Lei Han, Maochun Hong (2005) *Inorg.Chim.Acta* ,**358,**545

Formula: $(C_{44}\ H_{40}\ Cu_2\ N_8\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-diaqua-bis(4-aminobenzoato-O,O')-di-copper(ii) dinitrate tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.099(0)	***b*** 15.496(0)	***c***	14.495(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.73(0)	γ	90.00

R-Factor (%): 4.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.515



Search: search1 (Thu May 26 10:05:42 2011): Hit 990

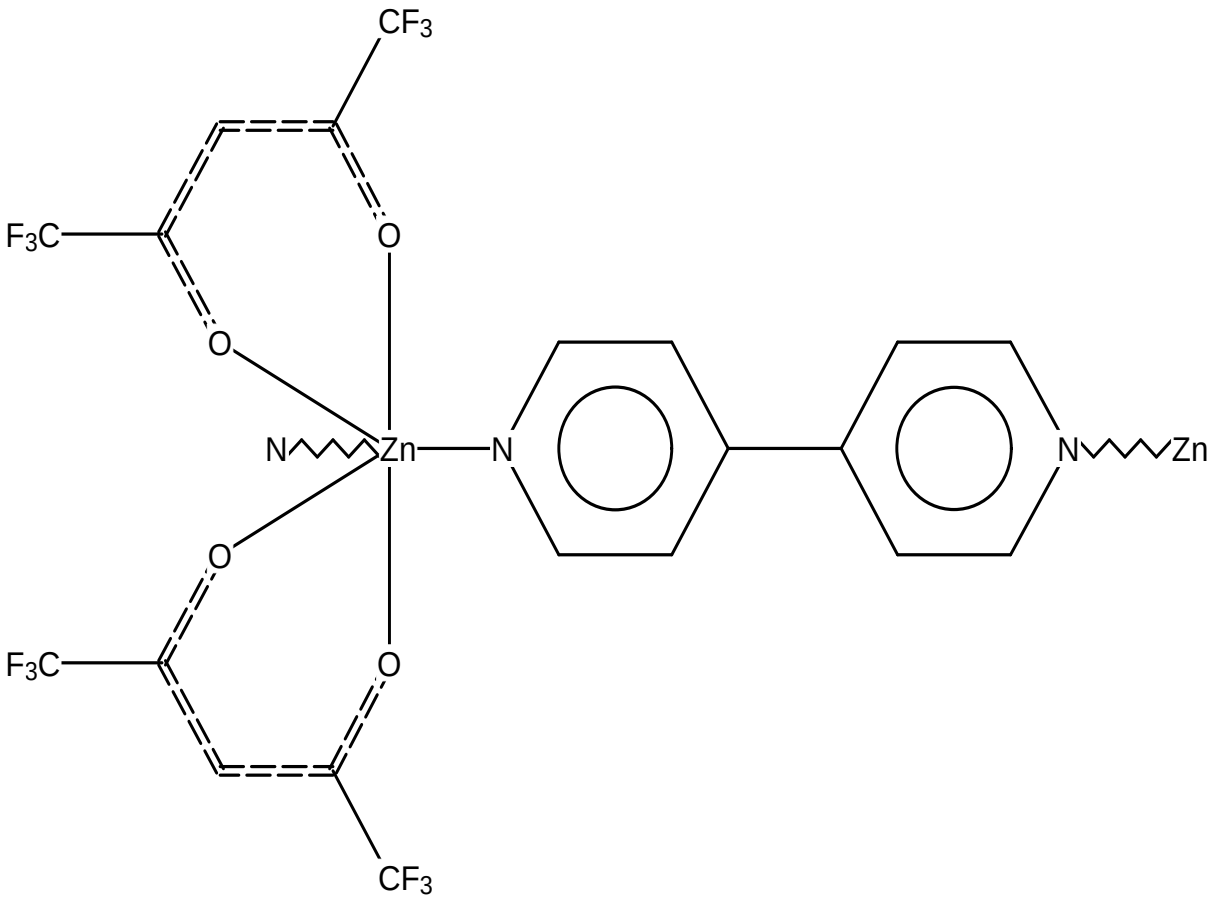
INOBIW

Reference: J.Granifo, M.T.Garland, R.Baggio (2004)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***60,**m97

Formula: $(C_{20}\ H_{10}\ F_{12}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-κ^2N:N')-bis(hexafluoroacetylacetonato-κ^2O, O')-zinc(ii))

Space Group:	P43212	***Cell:***	***a***	8.061(0)	***b***	8.061(0)	***c***	36.648(3)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	4.82	***Temperature(K):***	297		***Density(g/cm^3):***	1.773		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 991

INUPOW

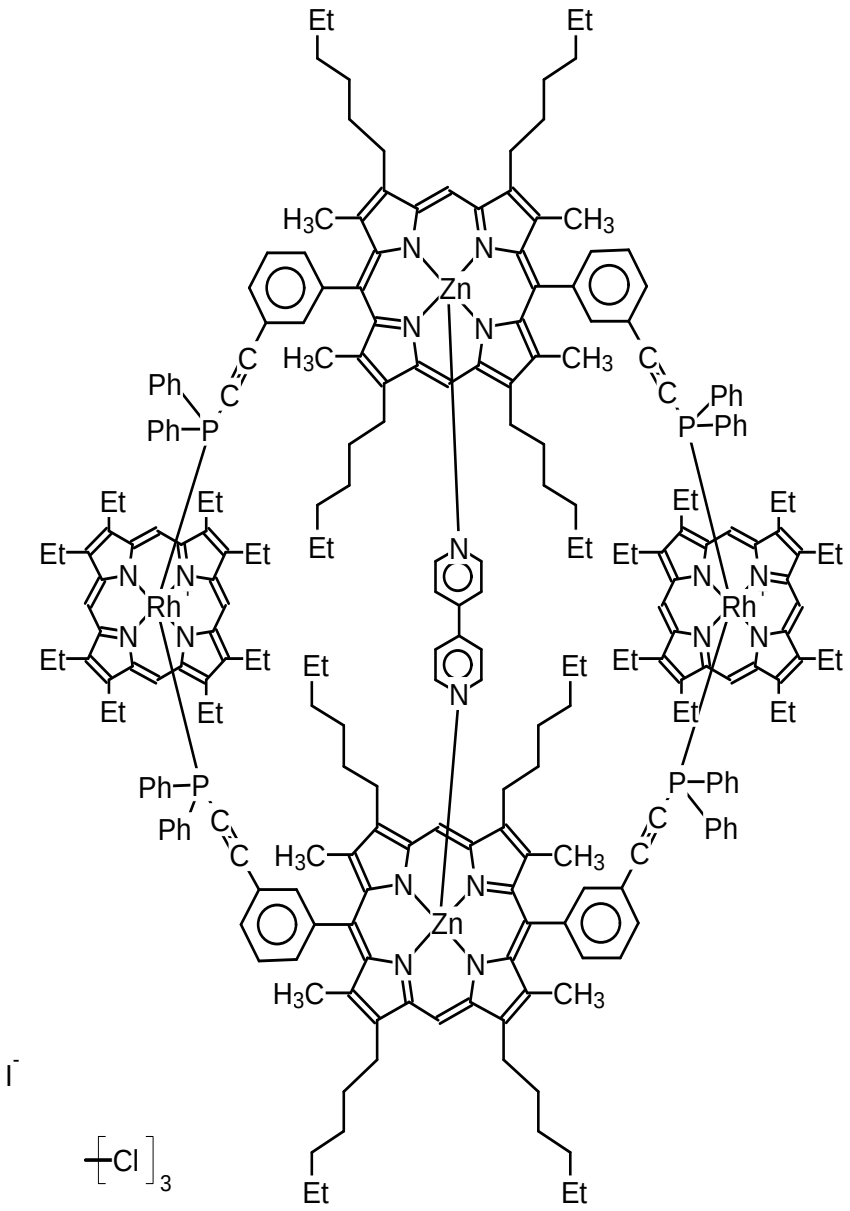
Reference: E.Stulz, S.M.Scott, A.D.Bond, S.J.Teat, J.K.M.Sanders (2003) *Chem.-Eur.J.* ,**9,**6039

Formula: $C_{258}\ H_{284}\ N_{18}\ P_4\ Rh_2\ Zn_2\ ^{2+}$,2($I_1\ ^{1-}$),7($C_1\ H_1\ Cl_3$)

Compound Name: bis(μ_3-5,15-bis(3-(2-(diphenylphosphino)ethynyl)phenyl)-2,8,12,18-tetrahexyl-3,7,13,17-tetramethylporphyrinato)-(μ_2-4,4'-bipyridyl)-bis(2,3,7,8,12,13,17,18-octaethylporphyrinato)-di-rhodium(iii)-di-zinc(ii) diiodide chloroform solvate

Space Group:	P21/n	***Cell:***	***a***	25.184(0)	***b***	16.546(0)	***c***	32.502(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.90(0)	γ	90.00

R-Factor (%): 8.04 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.275



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 992

IPEBIO

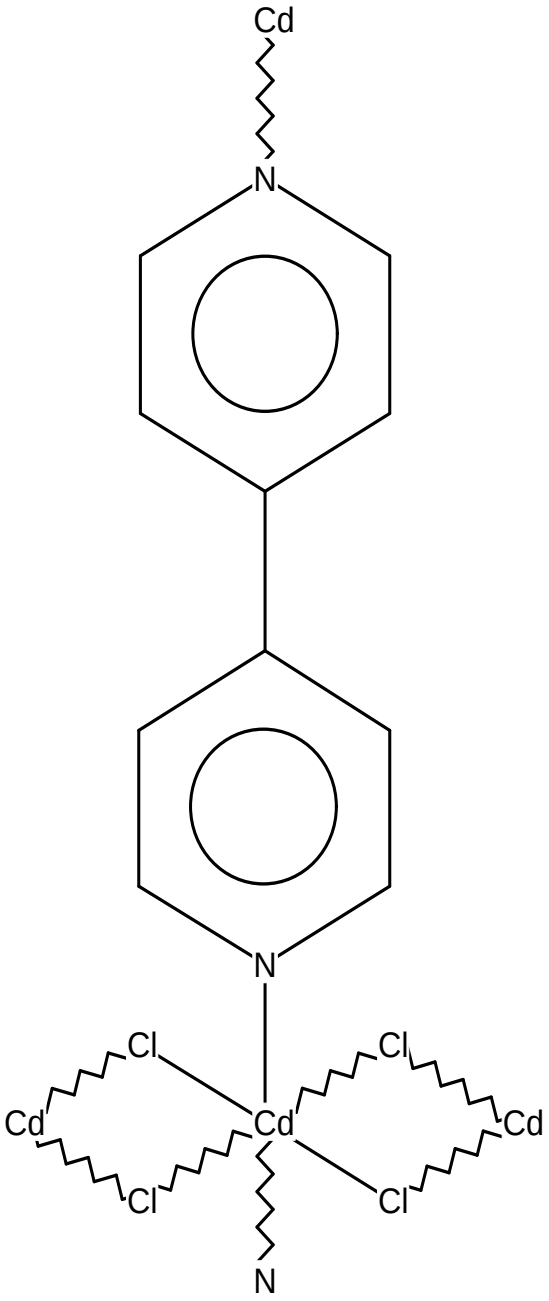
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ Cl_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Chloro)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Pban	***Cell:***	***a***	11.749(5)	***b***	12.067(5)	***c***	3.775(1)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.107



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 993

IPEBIO01

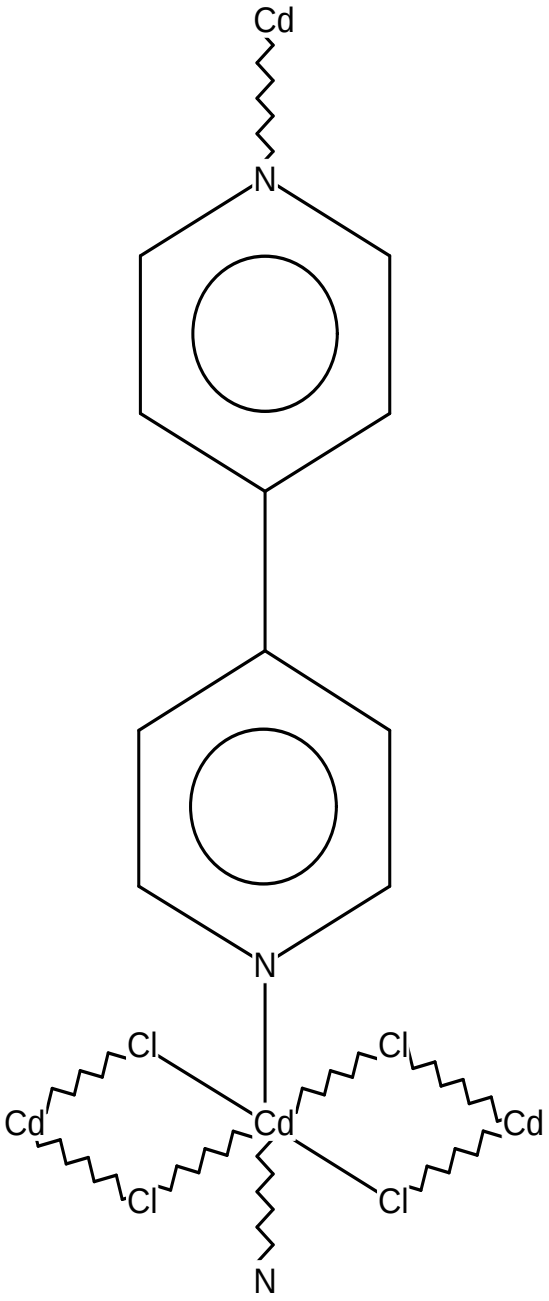
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ Cl_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Chloro)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Pban	***Cell:***	***a***	11.796(3)	***b***	12.084(3)	***c*** 3.772(0)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 2.097



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 994

IPEBIO02

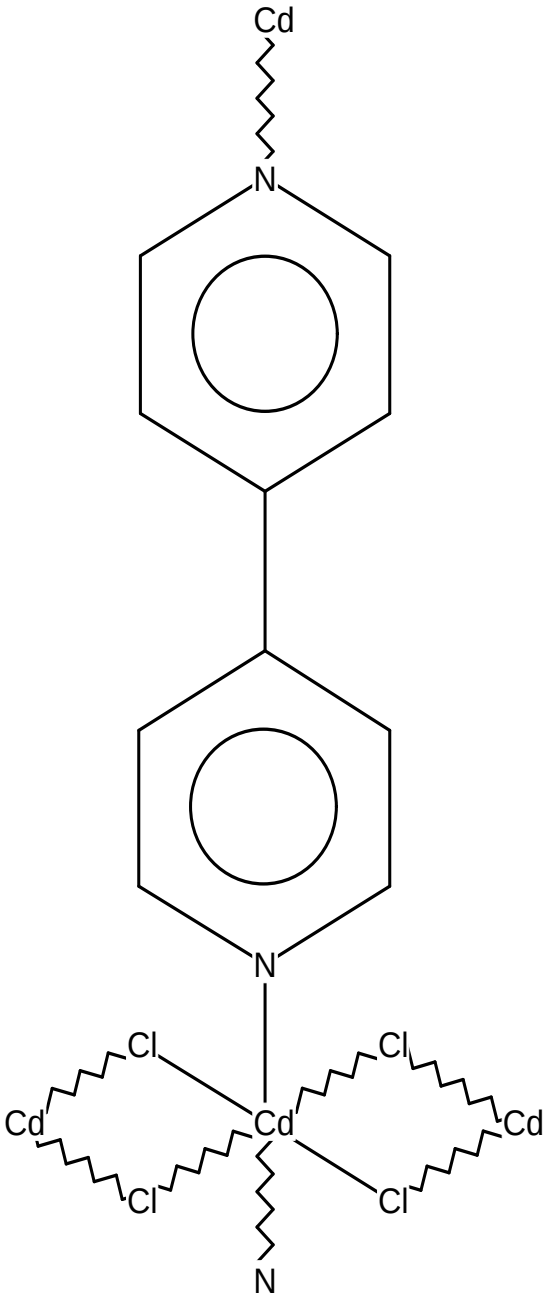
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ Cl_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Chloro)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Pban	***Cell:***	***a***	11.753(2)	***b***	12.107(3)	***c***	3.796(0)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.63 ***Temperature(K):*** 450 ***Density(g/cm^3):*** 2.087



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 995

IPEBIO03

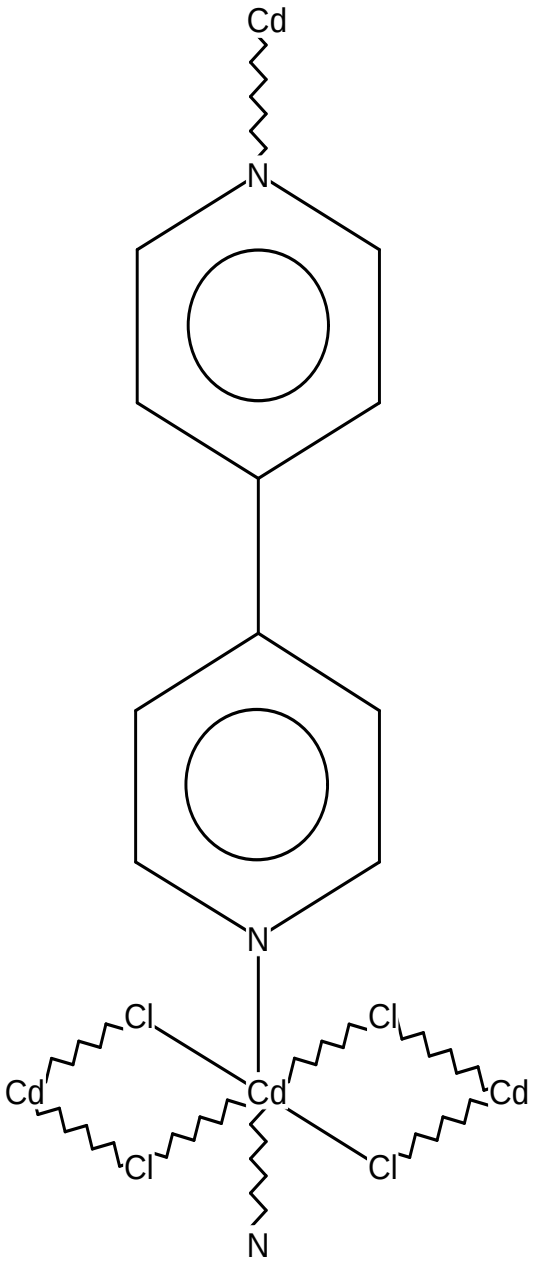
Reference: Ben-Yong Lou, Rui-Hu Wang, Ying Xu, Da-Qiang Yuan, You-Fu Zhou, Mao-Chun Hong (2004) *Jiegou Huaxue(Chin.J.Struct.Chem.) ,***23,**747

Formula: $(C_{10}\ H_8\ Cd_1\ Cl_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Chloro)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.771(7)	***b***	12.083(7)	***c***	3.781(2)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.097



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 996

IPECAH

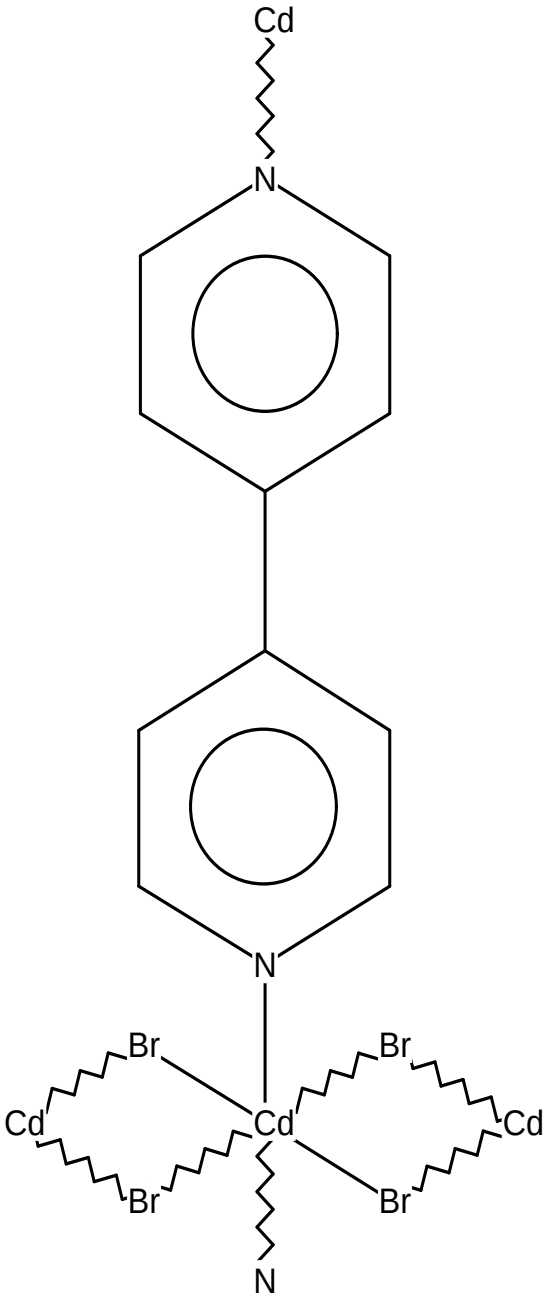
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Br_2\ Cd_1\ N_2)n$

Compound Name: catena-[bis(μ_2-Bromo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Pban	***Cell:***	***a***	11.786(1)	***b***	12.528(1)	***c***	3.911(0)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.464



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 997

IPECAH01

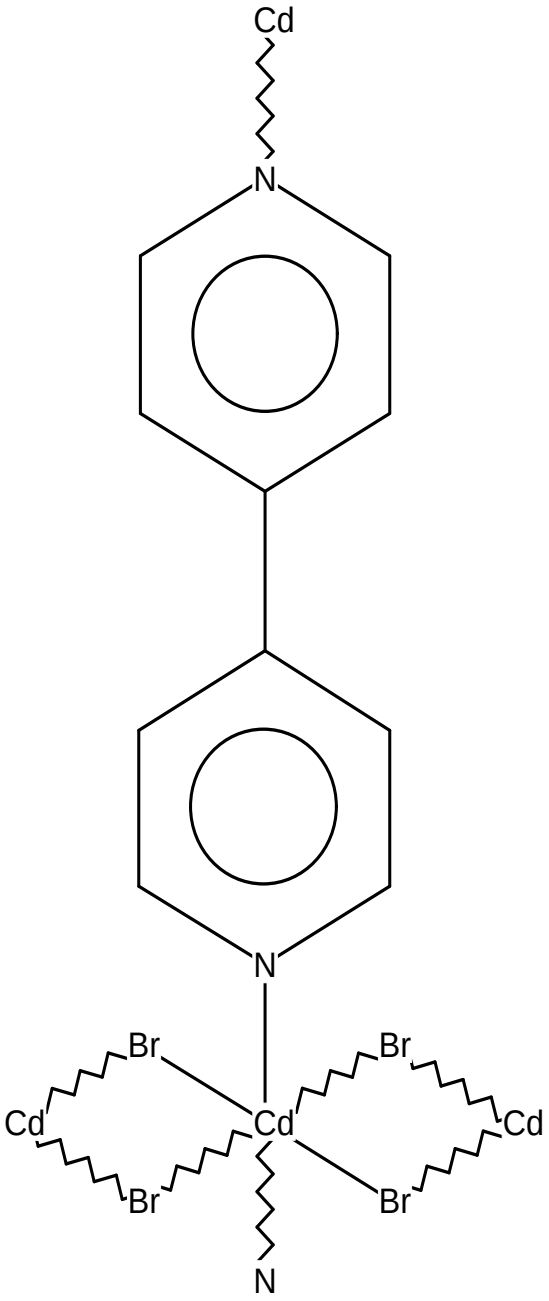
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Br_2\ Cd_1\ N_2)n$

Compound Name: catena-[bis(μ_2-Bromo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Pban	***Cell:***	***a***	11.797(1)	***b***	12.502(1)	***c***	3.885(0)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.47 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 2.483



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 998

IPECAH02

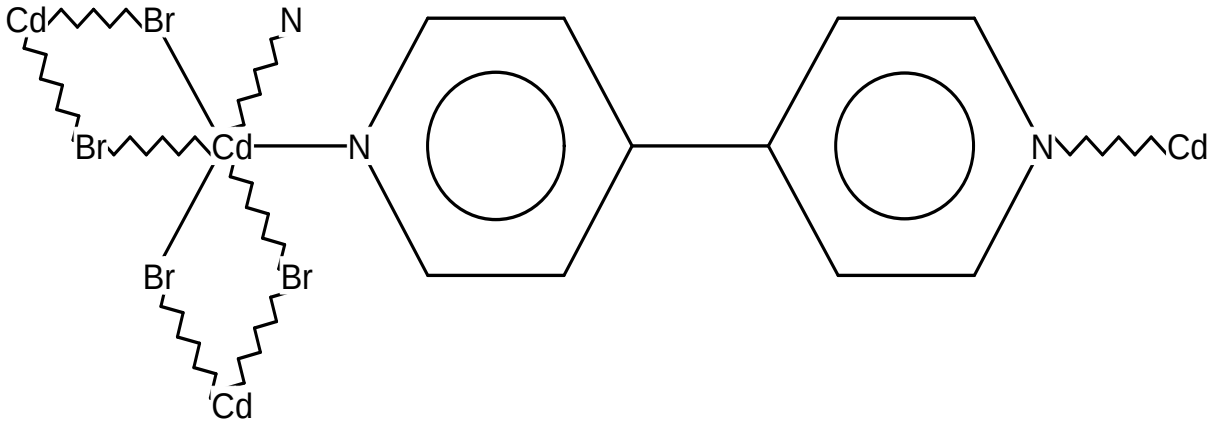
Reference: Wen-Tong Chen, Xiao-Niu Fang, Qiu-Yan Luo, Ya-Ping Xu, Yan-Ping Duan (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**63,**m398

Formula: $(C_{10}\ H_8\ Br_2\ Cd_1\ N_2)n$

Compound Name: catena-(bis(μ_2-Bromo)-(μ_2-4,4'-bipyridine-N,N')-cadmium(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.787(3)	***b***	12.554(3)	***c***	3.924(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.450



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 999

IPECEL

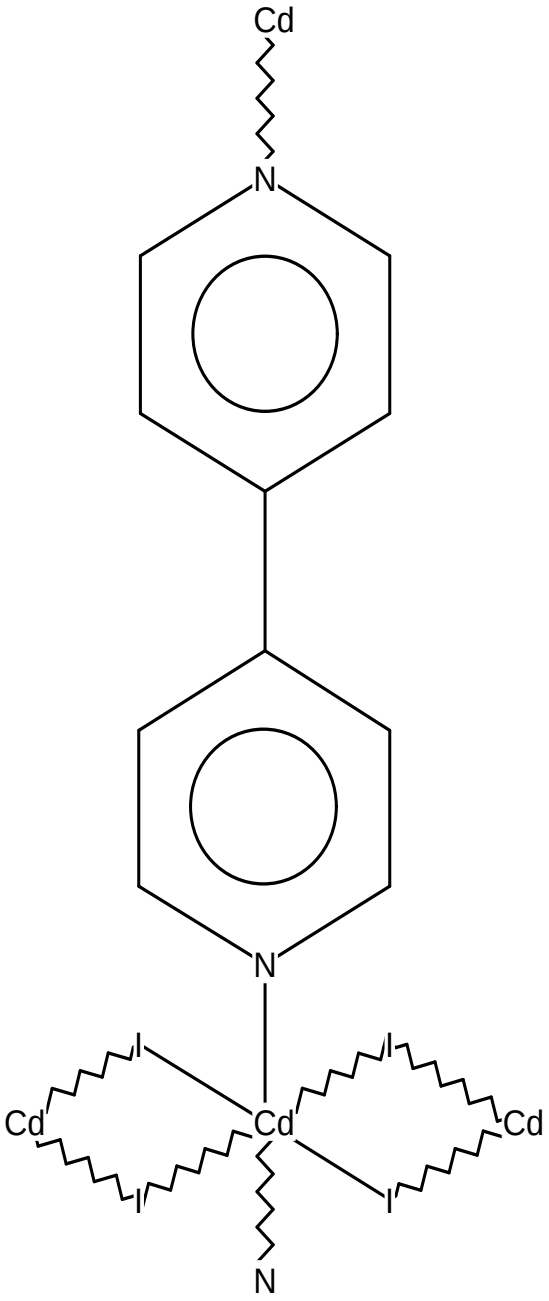
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Iodo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.808(1)	***b***	13.097(1)	***c***	4.142(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.01 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 2.708



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1000

IPECEL01

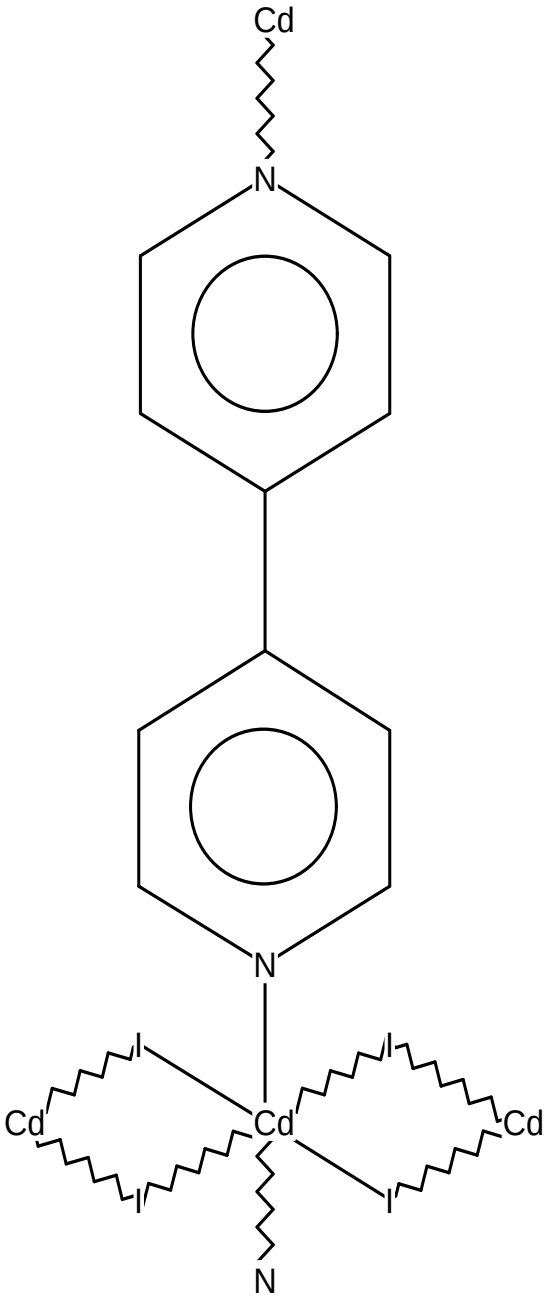
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-iodo)-cadmium(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.837(2)	***b***	13.138(3)	***c***	4.155(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.46 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.685



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1001

IPECEL02

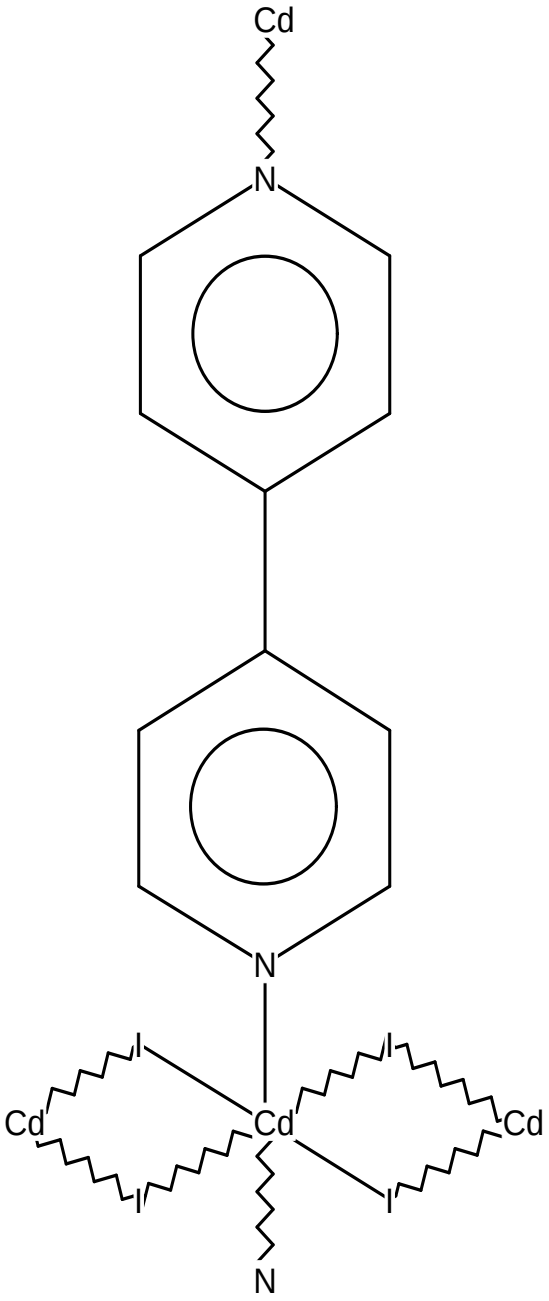
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Iodo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.830(2)	***b***	13.138(2)	***c***	4.157(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.68 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 2.685



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1002

IPECEL03

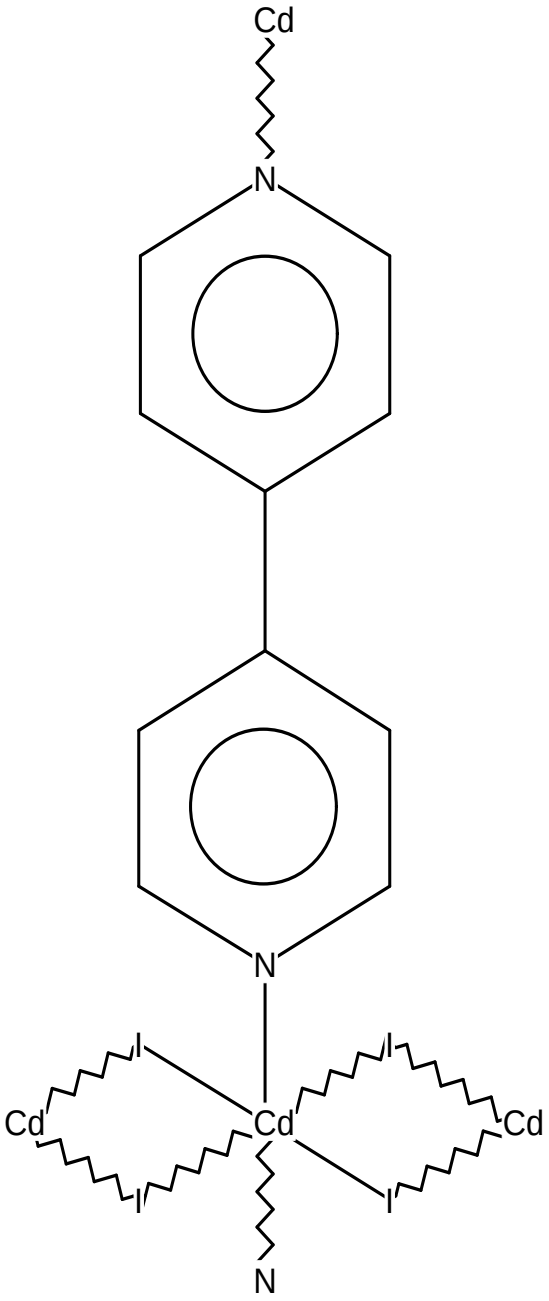
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Iodo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.822(2)	***b***	13.135(2)	***c***	4.159(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.54 ***Temperature(K):*** 210 ***Density(g/cm^3):*** 2.686



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1003

IPECEL04

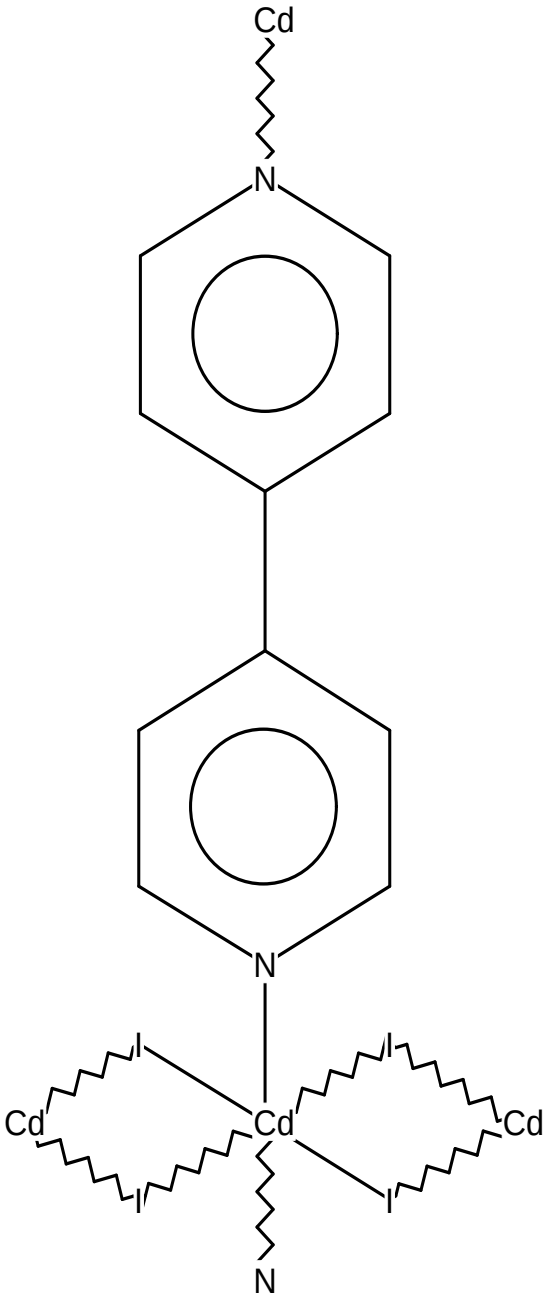
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Iodo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.830(2)	***b***	13.150(2)	***c***	4.167(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.90 ***Temperature(K):*** 240 ***Density(g/cm^3):*** 2.677



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1004

IPECEL05

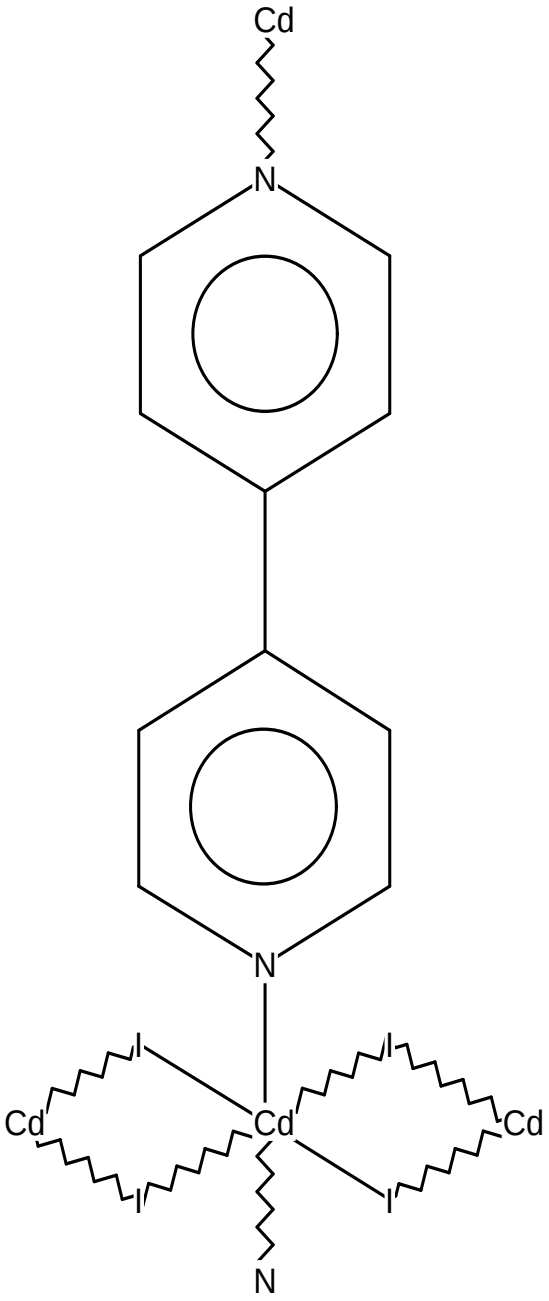
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-[bis(μ_2-Iodo)-(μ_2-4,4'-bipyridyl)-cadmium(ii)]

Space Group:	Cmmm	***Cell:***	***a***	11.792(2)	***b***	13.118(3)	***c***	4.159(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.81 ***Temperature(K):*** 270 ***Density(g/cm^3):*** 2.697



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1005

IPECEL06

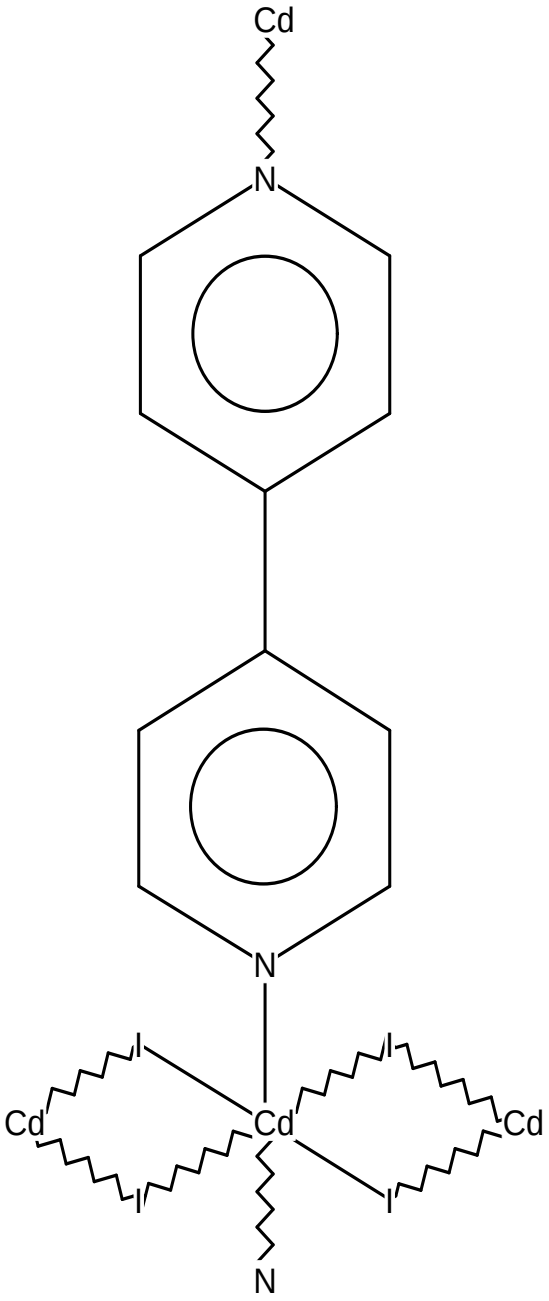
Reference: Chunhua Hu, Qi Li, U.Englert (2003) *CrystEngComm* ,**5,** 519

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-iodo)-cadmium(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.828(1)	***b***	13.153(1)	***c***	4.175(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.671



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1006

IPECEL07

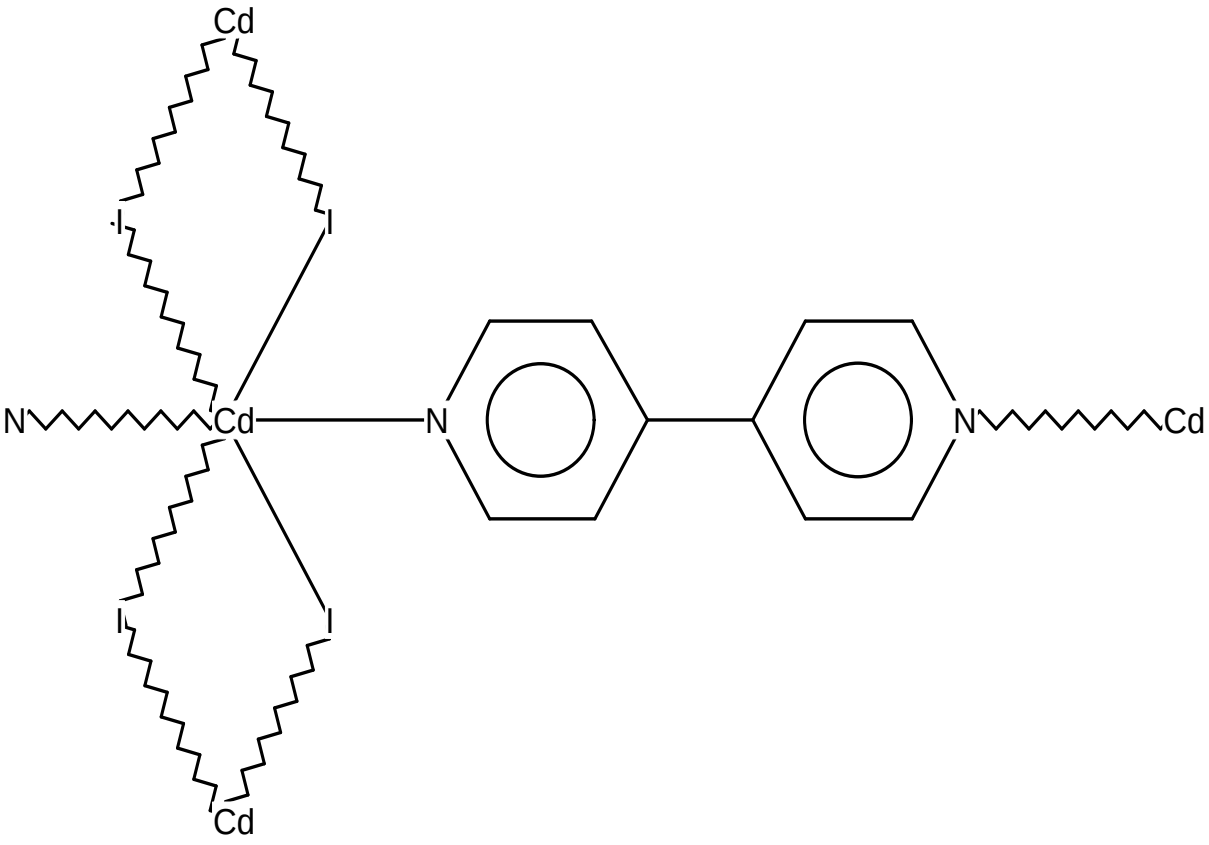
Reference: K.Biradha, M.Fujita (2001)
*J.Inclusion Phenom.Macrocyclic Chem. ,***41,**201

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-iodo)-cadmium(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.850(4)	***b***	13.169(5)	***c***	4.166(1)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.68 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 2.669



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1007

IPECEL08

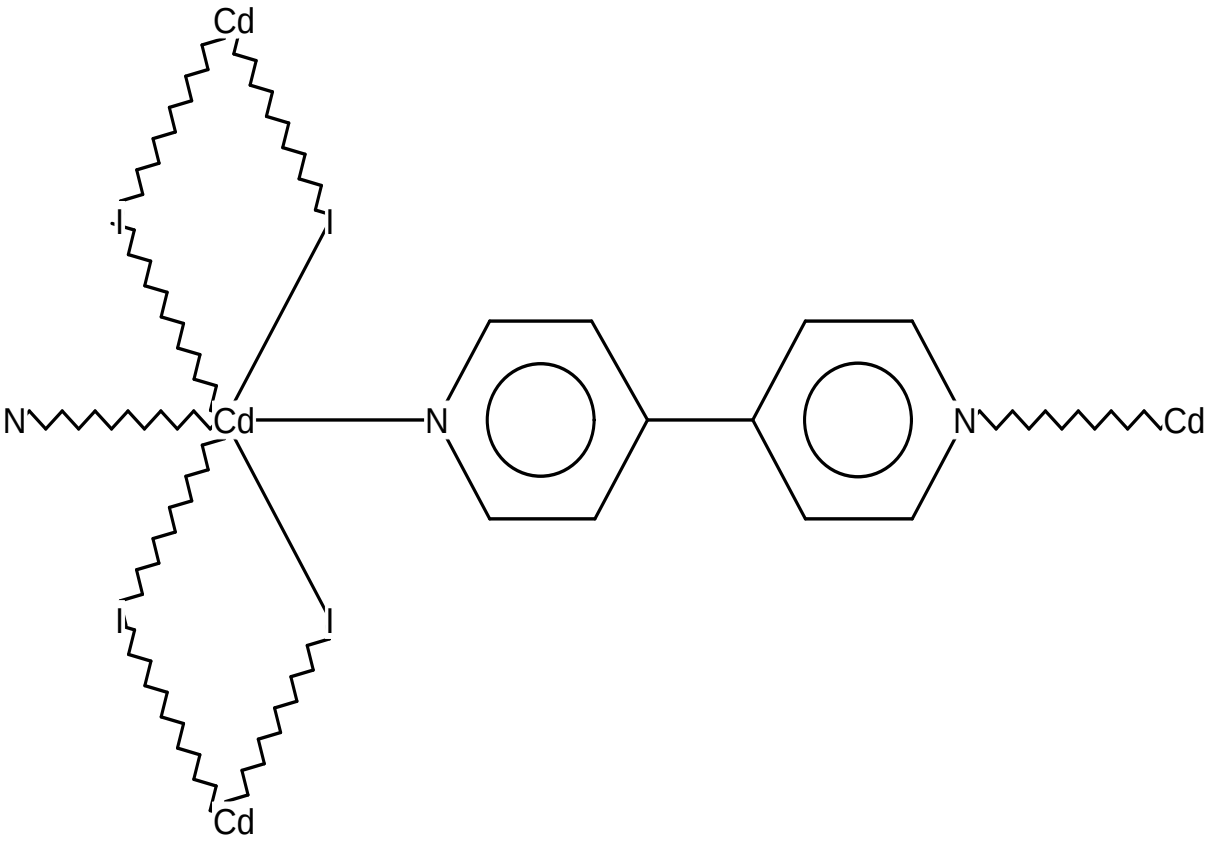
Reference: Hao-guo Zhu, Huan-ming Hu, Zhi Yu, Hu Cai, Xiao-Zeng You (2004) *Private Communication ,*

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-iodo)-cadmium(ii))

Space Group:	C222	***Cell:***	***a***	11.807(2)	***b*** 13.121(3)	***c***	4.160(1)
Space Group No.:	21	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.692



Search: search1 (Thu May 26 10:05:42 2011): Hit 1008

IPECEL09

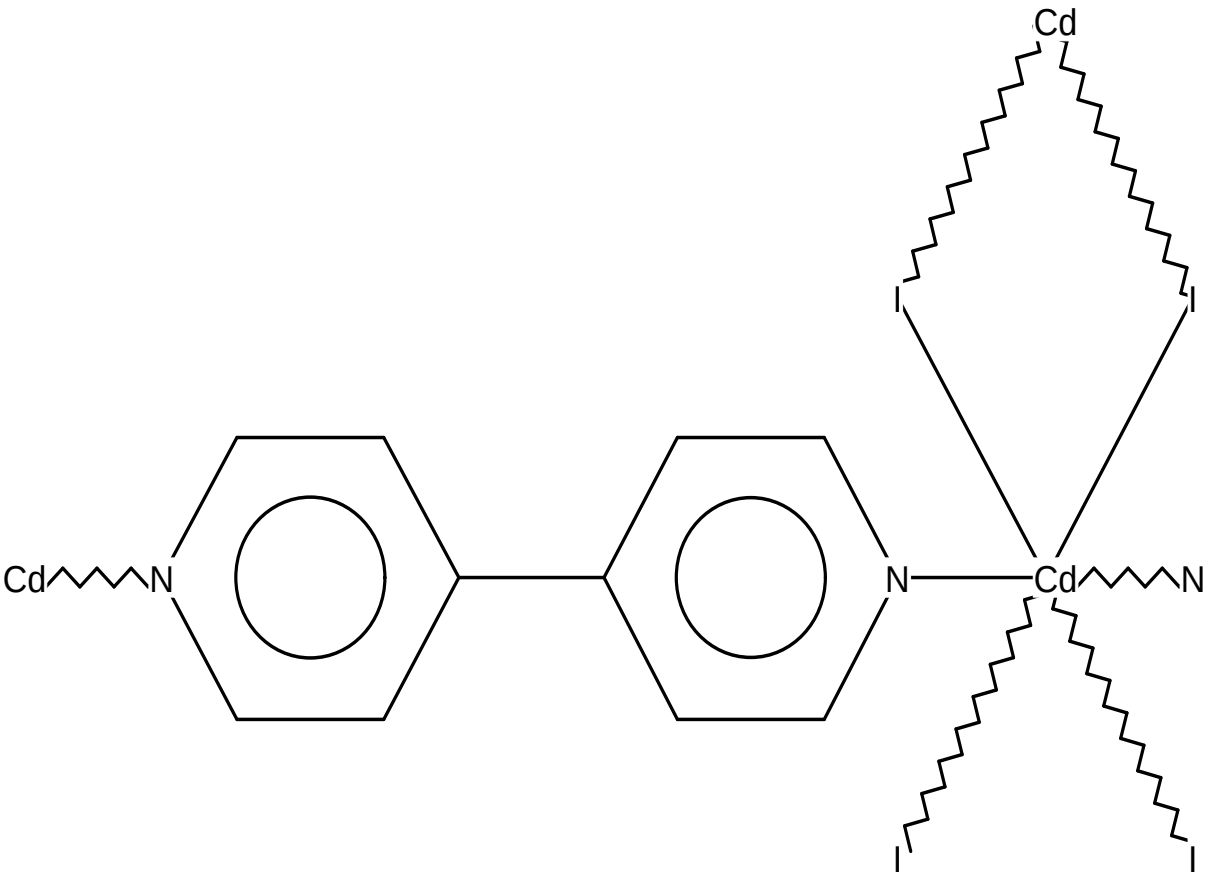
Reference: Y.Niu, H.Hou, Y.Zhu (2005) *Private Communication* ,

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-iodo)-cadmium)

Space Group:	P2	***Cell:***	***a***	8.865(2)	***b***	4.178(0)	***c*** 8.876(2)
Space Group No.:	3	***(Å,°)***	α	90.00	β	96.00(3)	γ 90.00

R-Factor (%): 4.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.653



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1009

IPECEL10

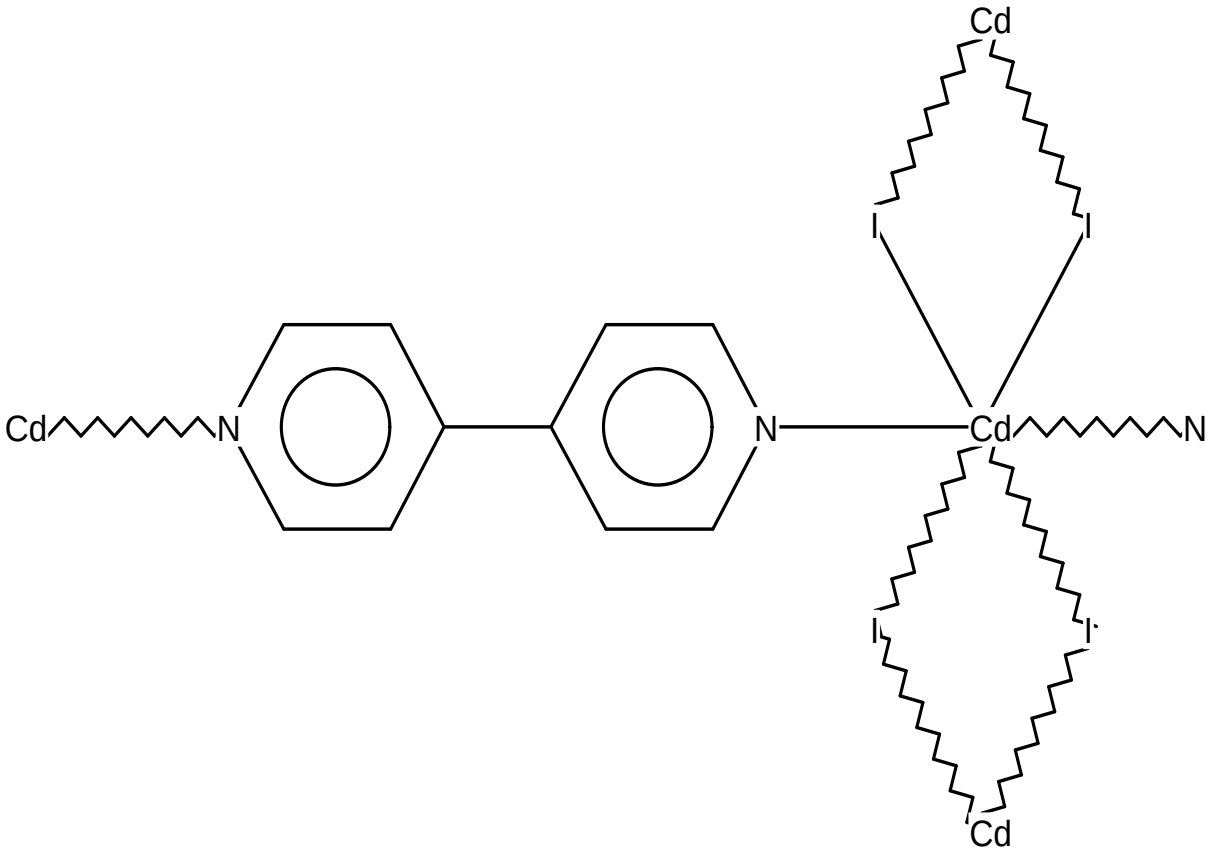
Reference: Wen-Tong Chen, Ming-Sheng Wang, Xi Liu, Guo-Cong Guo, Jin-Shun Huang (2006) *Cryst.Growth Des. ,***6,**2289

Formula: $(C_{10}\ H_8\ Cd_1\ I_2\ N_2)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-iodo)-cadmium)

Space Group:	Cmmm	***Cell:***	***a***	11.837(2)	***b***	13.129(3)	***c***	4.152(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.689



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1010

IPESAX

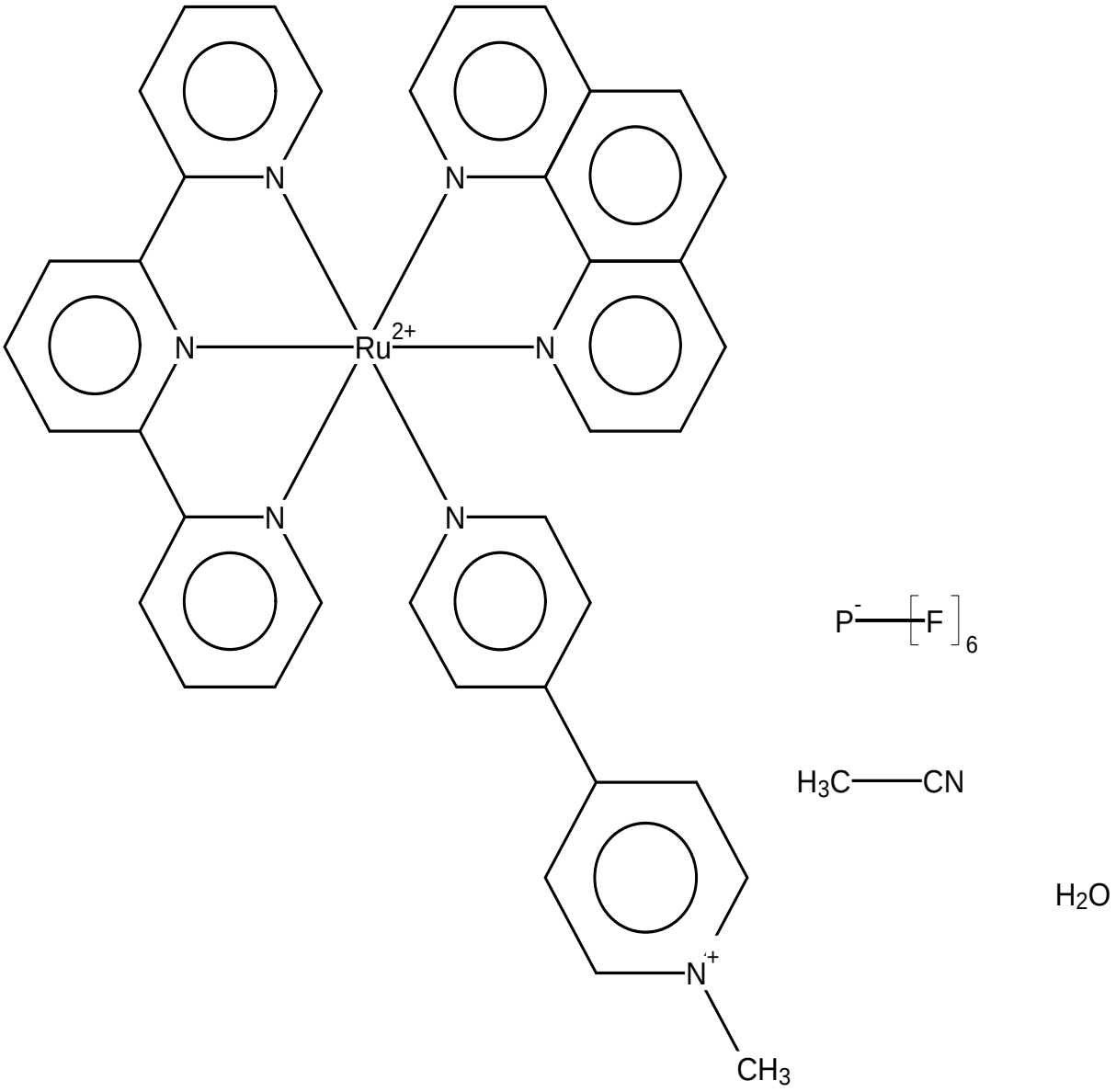
Reference: S.Bonnet, J.-P.Collin, N.Gruber, J.-P.Sauvage, E.R.Schofield (2003) *Dalton Trans.* ,4654

Formula: $C_{38}\ H_{30}\ N_7\ Ru_1\ ^{3+}$,3($F_6\ P_1\ ^{1-}$),1.5($C_2\ H_3\ N_1$),0.25($H_2\ O_1$)

Compound Name: (N-Methyl-4-(4-pyridyl)pyridinium)-(1,10-phenanthroline)-(2,2':6',2''-terpyridyl)-ruthenium(ii) tris(hexafluorophosphate) acetonitrile solvate hydrate

Space Group:	P-1	***Cell:***	***a***	17.008(0)	***b***	17.709(0)	***c***	18.734(0)
Space Group No.:	2	***(Å,°)***	α	62.32(0)	β	85.33(0)	γ	71.42(0)

R-Factor (%): 8.40 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.670



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1011

IQIWOU

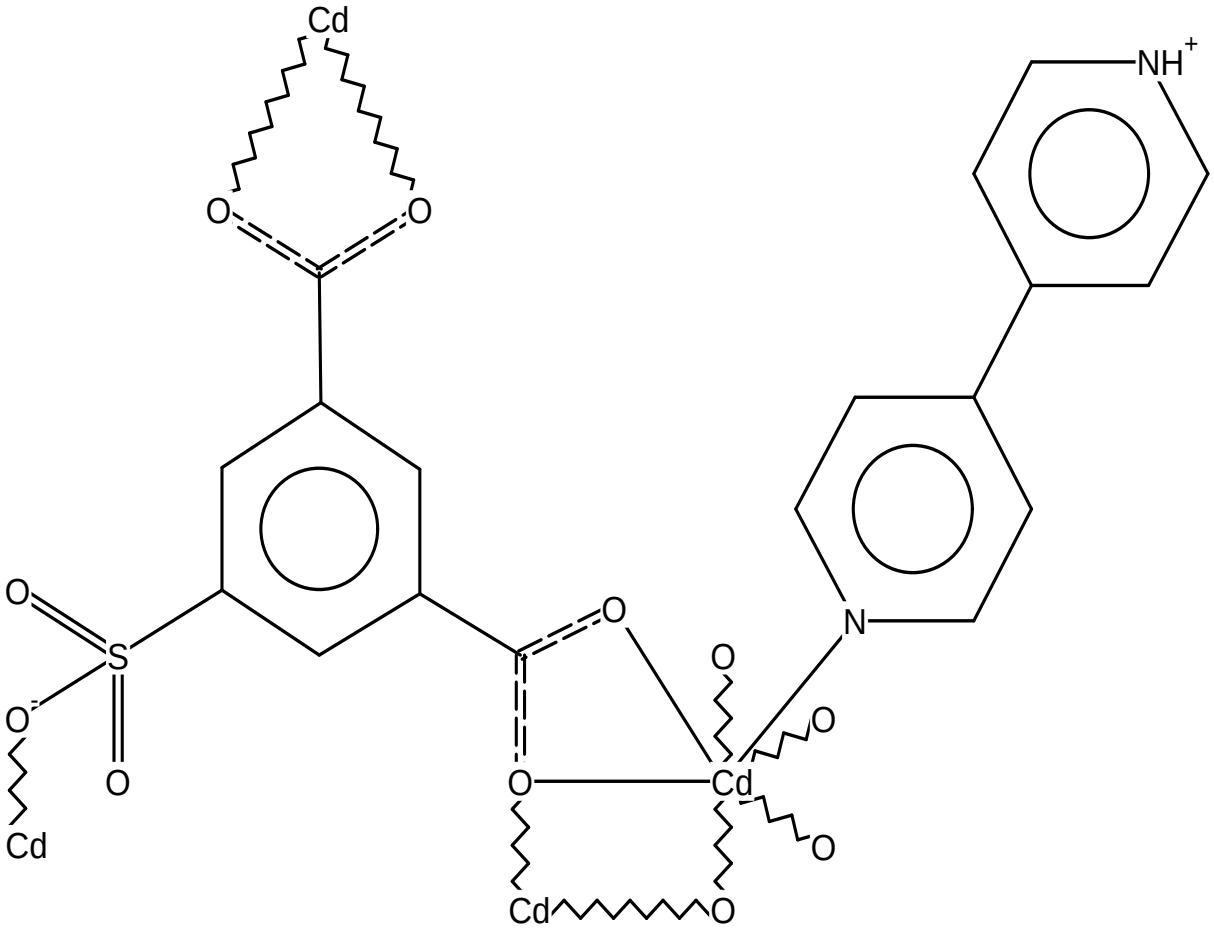
Reference: Zhong-Ming Sun, Jiang-Gao Mao, Yan-Qiong Sun, Hui-Yi Zeng, A.Clearfield (2004) *Inorg.Chem. ,***43,**336

Formula: $(C_{18}\ H_{12}\ Cd_1\ N_2\ O_7\ S_1)n$

Compound Name: catena-((μ_4-5-sulfoisophthalato)-(4,4'-bipyridine)-cadmium(ii))

Space Group:	P-1	***Cell:***	***a***	7.798(0)	***b***	9.026(0)	***c*** 13.084(0)
Space Group No.:	2	***(Å,°)***	α	74.77(0)	β	87.99(0)	γ 74.03(0)

R-Factor (%): 7.09 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.995



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1012

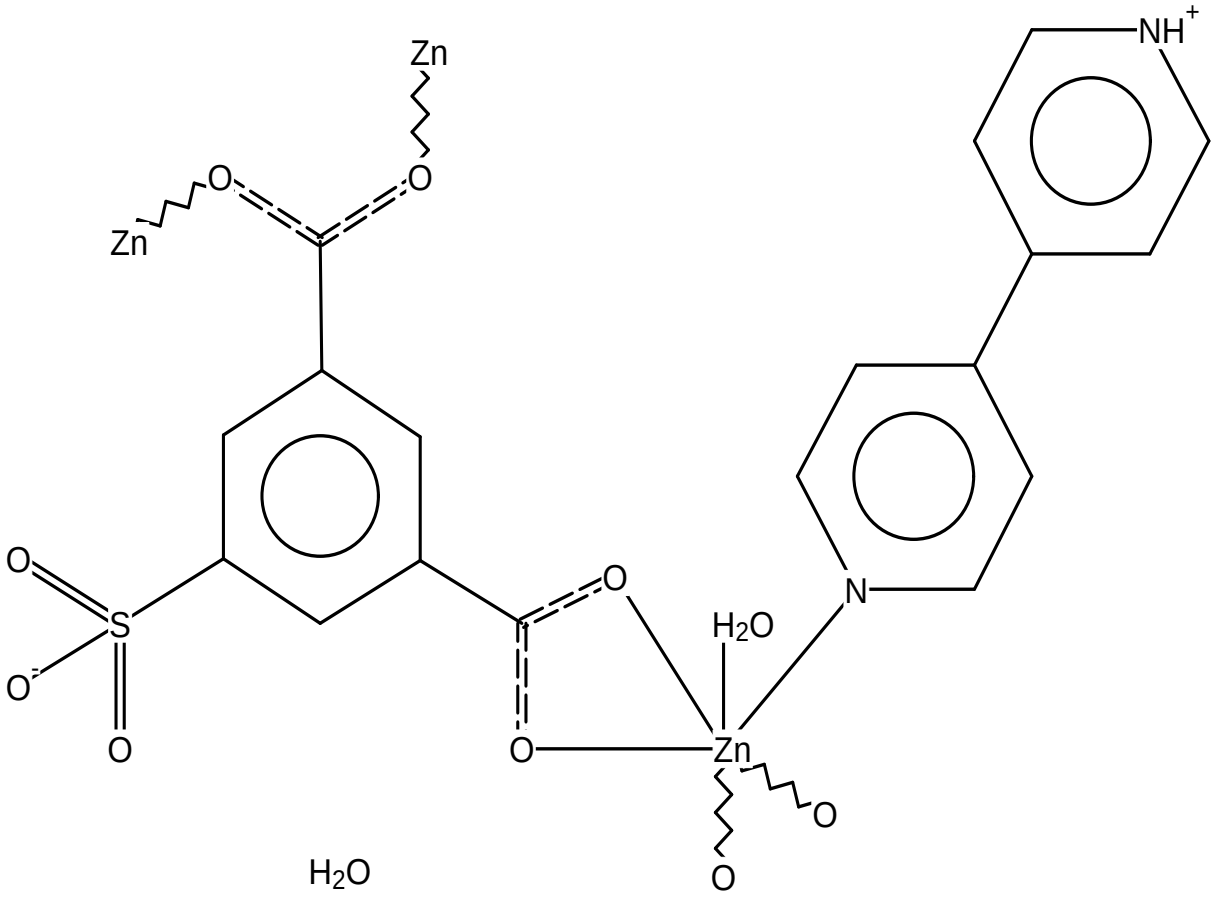
IQIXAH

Reference: Zhong-Ming Sun, Jiang-Gao Mao, Yan-Qiong Sun, Hui-Yi Zeng, A.Clearfield (2004) *Inorg.Chem. ,***43,**336

Formula: $(C_{18}\ H_{14}\ N_2\ O_8\ S_1\ Zn_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_3-5-sulfoisophthalato)-aqua-(4,4'-bipyridine)-zinc(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	8.727(0)	***b***	9.518(0)	***c*** 13.782(0)
Space Group No.:	2	***(Å,°)***	α	96.61(0)	β	94.82(0)	γ 117.27(0)
R-Factor (%):	7.01	***Temperature(K):***	293		***Density(g/cm^3):***	1.729	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1013

IQUKUA

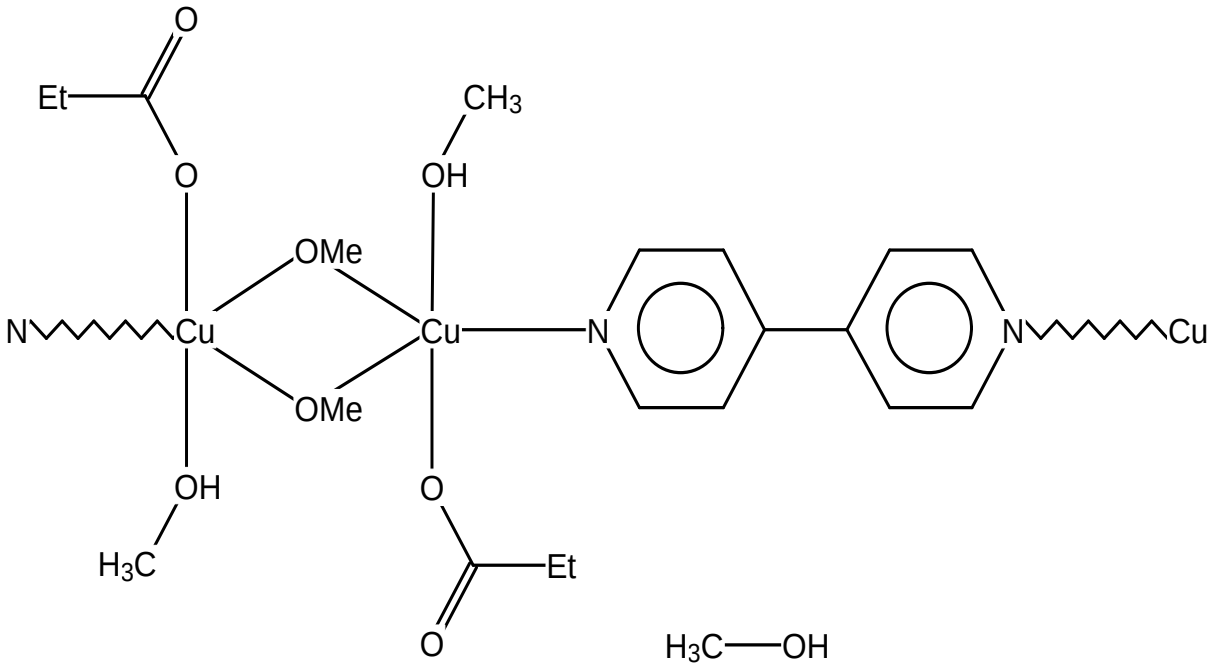
Reference: M.Mikuriya, H.Azuma, M.Handa (2002)
Mol.Cryst.Liq.Cryst.Sci.Technol.,Sect.A ,**379,**205

Formula: $(C_{20}\ H_{32}\ Cu_2\ N_2\ O_8)n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis((μ_2-methoxo)-(propionato-O)-methanol-copper(ii)) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	9.000(4)	***b*** 10.796(5)	***c***	7.785(4)
Space Group No.:	2	***(Å,°)***	α	91.81(3)	β 101.61(3)	γ	102.28(3)

R-Factor (%): 4.60 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.426



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1014

IRUQAN

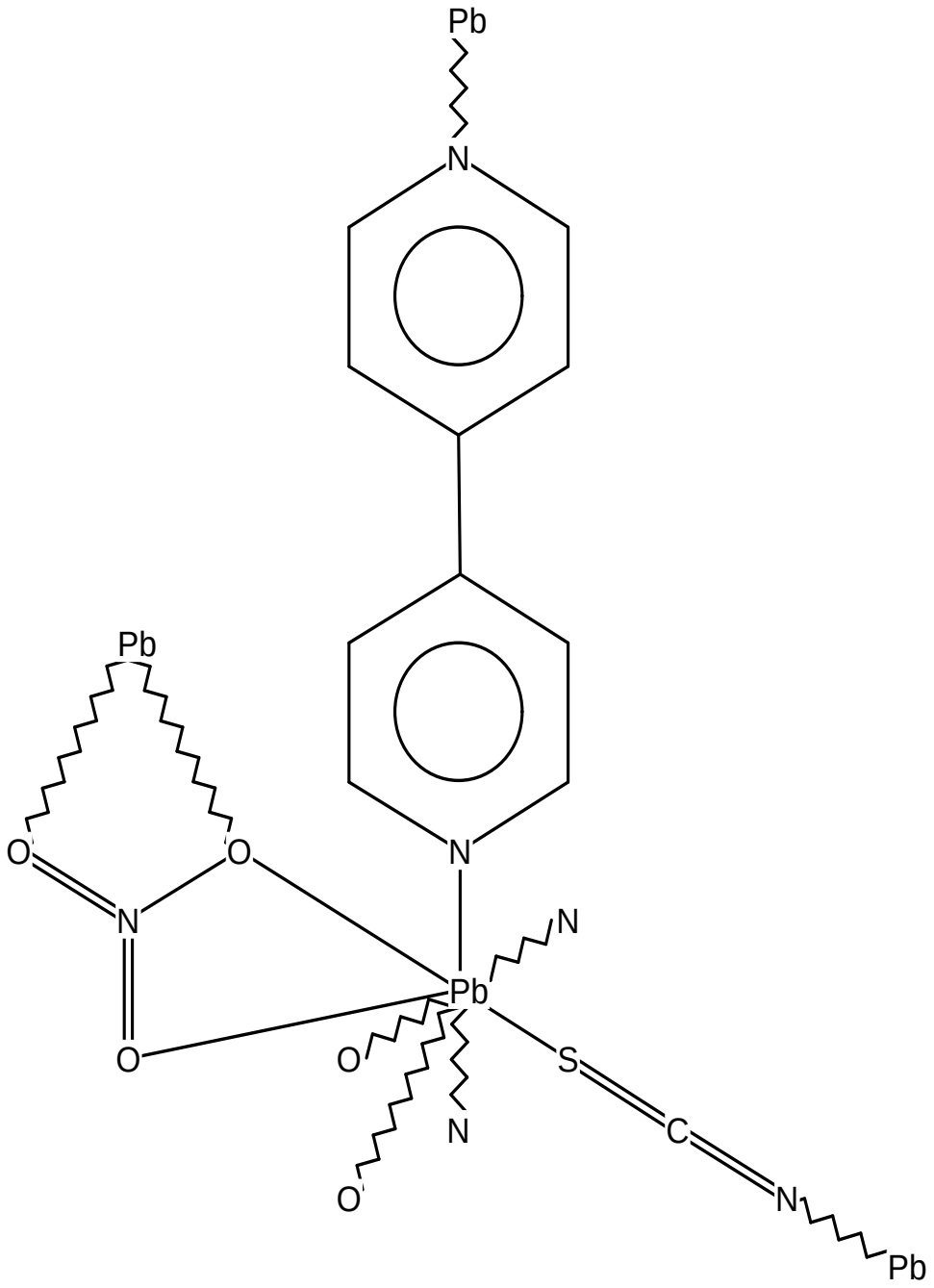
Reference: A.Morsali, A.R.Mahjoub (2004) *Chem.Lett.* ,**33,**64

Formula: $(C_{11}\ H_8\ N_4\ O_3\ Pb_1\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-isothiocyanato)-(μ_2-nitrato)-lead(ii))

Space Group:	P21/c	***Cell:***	***a***	9.237(1)	***b***	8.230(1)	***c*** 19.012(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	103.13(3)	γ 90.00

R-Factor (%): 3.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.282



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1015

IRUQAN01

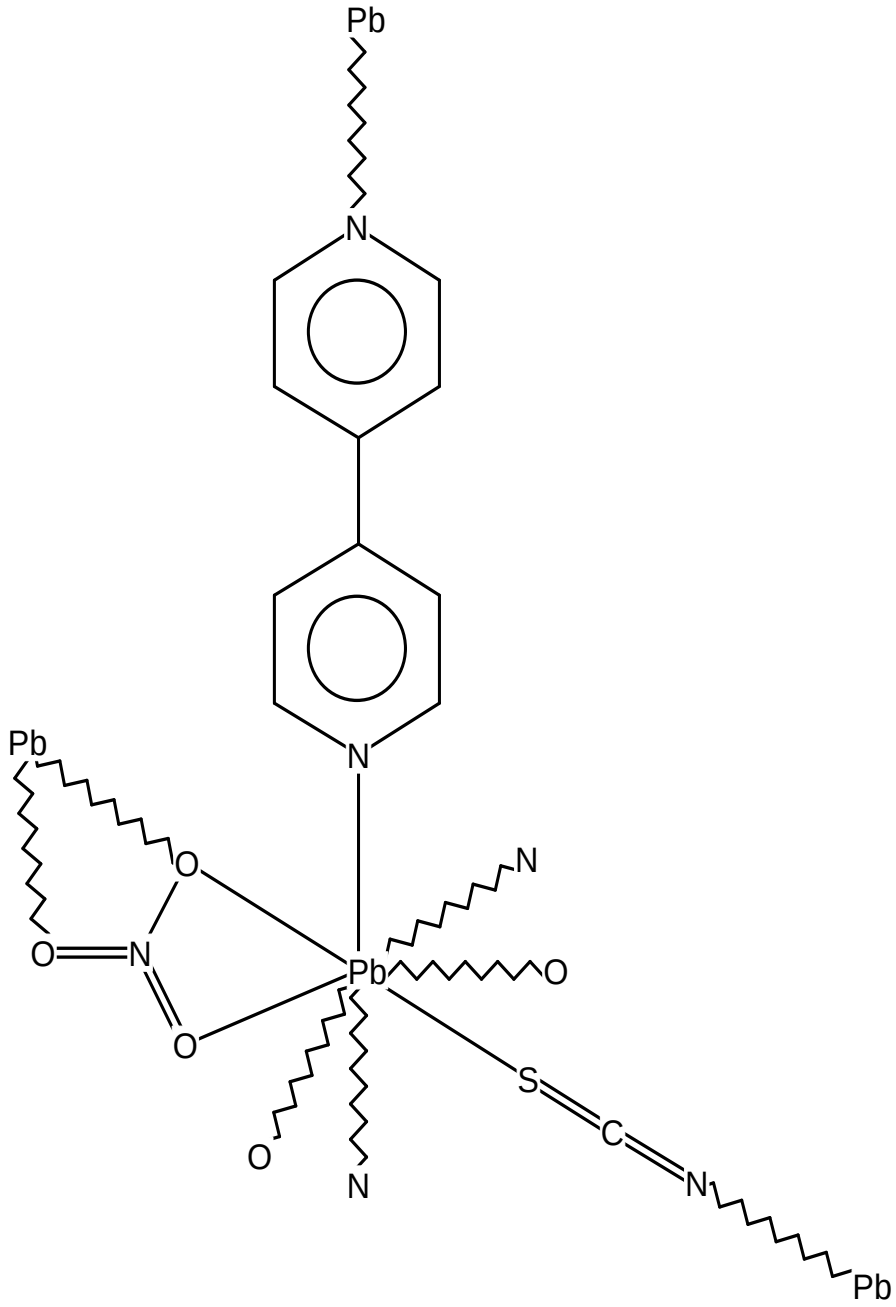
Reference: A.Morsali, A.Mahjoub (2004) *Polyhedron* ,**23,**2427

Formula: $(C_{11}\ H_8\ N_4\ O_3\ Pb_1\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-isothiocyanato)-(μ_2-nitrato-O,O,O',O'')-lead(ii))

Space Group:	P21/c	***Cell:***	***a***	9.237(1)	***b*** 8.230(1)	***c***	19.012(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.13(3)	γ	90.00

R-Factor (%): 3.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.282



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1016

IRUVOG

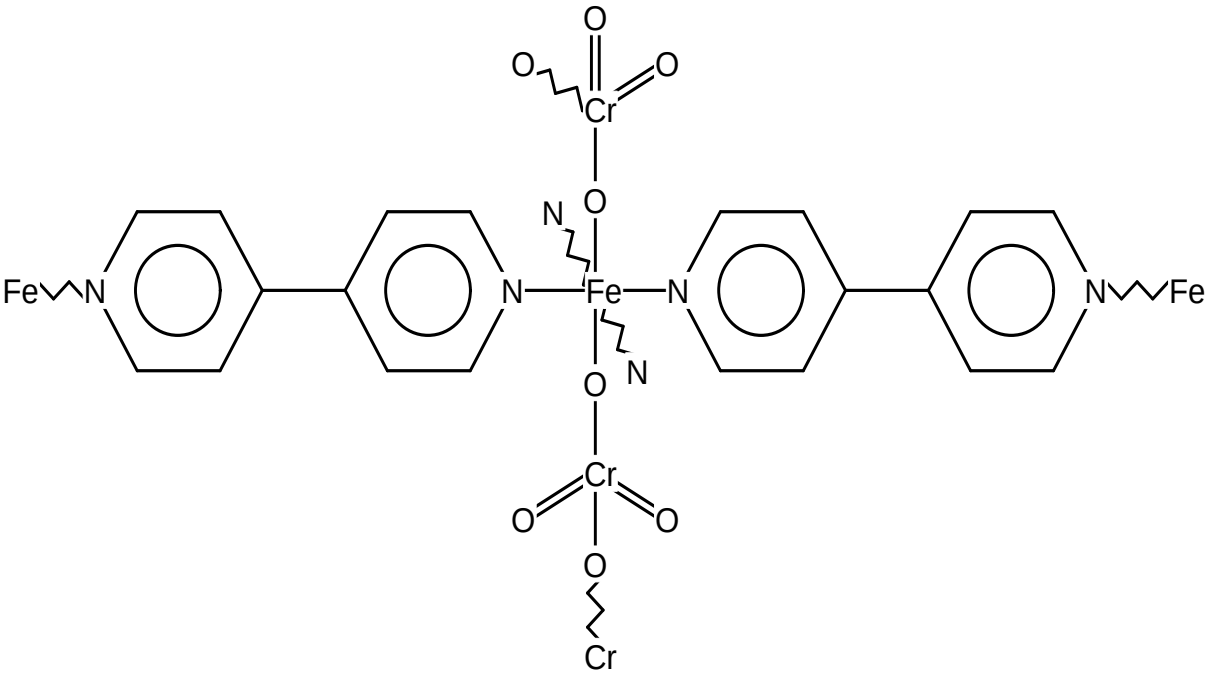
Reference: Xiao-Yan Chen, Bin Zhao, Peng Cheng, Bin Ding, Dai-Zheng Liao, Shi-Pin Yan, Zong-Hui Jiang (2004) *Eur.J.Inorg.Chem.* ,562

Formula: $(C_{20}\ H_{16}\ Cr_2\ Fe_1\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-dichromato)-iron)

Space Group:	C2/c	***Cell:***	***a***	21.656(9)	***b*** 15.299(6)	***c***	17.050(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.13(0)	γ	90.00

R-Factor (%): 4.62 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.723



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1017

ITUXAW

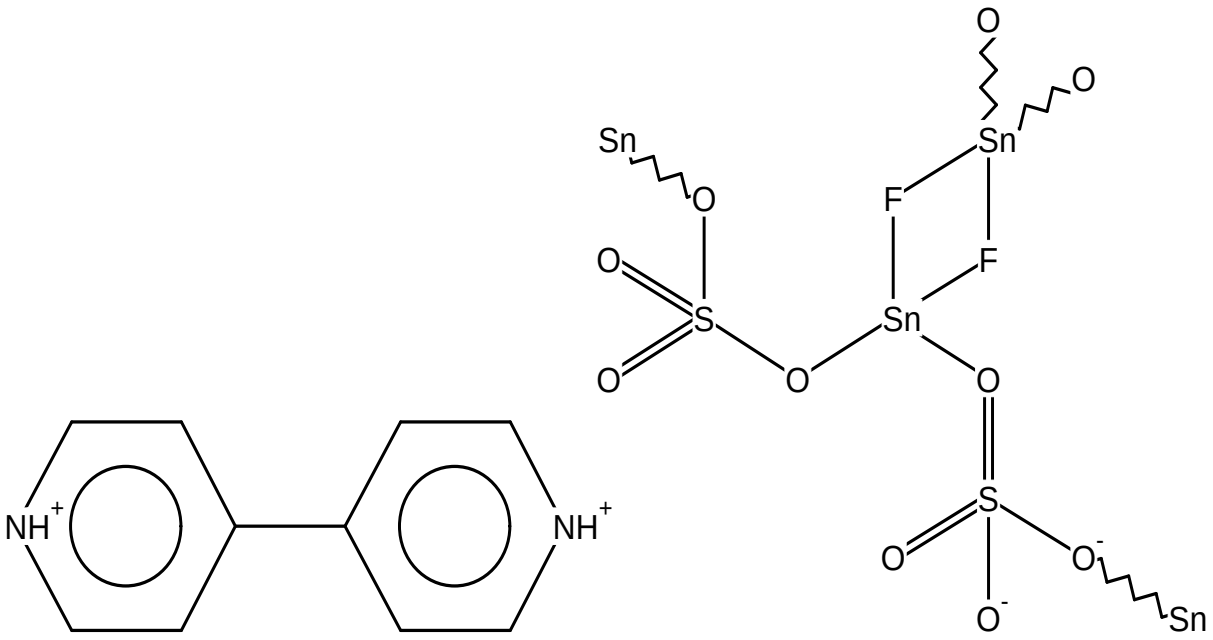
Reference: D.G.Detkov, Yu.E.Gorbunova, A.S.Kazarinova, Yu.N.Mikhilov, Yu.V.Kokunov (2003) *Koord.Khim.(Russ.)(Coord.Chem.) ,***29,**483

Formula: $(F_2\ O_8\ S_2\ Sn_2\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4'-Bipyridinium bis((μ$_2$-fluoro)-(μ$_2$-sulfato)-tin(ii)))

Space Group:	P-1	***Cell:***	***a***	4.726(1)	***b***	7.935(2)	***c*** 11.203(2)
Space Group No.:	2	***(Å,°)***	α	81.05(3)	β	87.59(3)	γ 73.70(3)

R-Factor (%): 2.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.608



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1018

IVEHEW

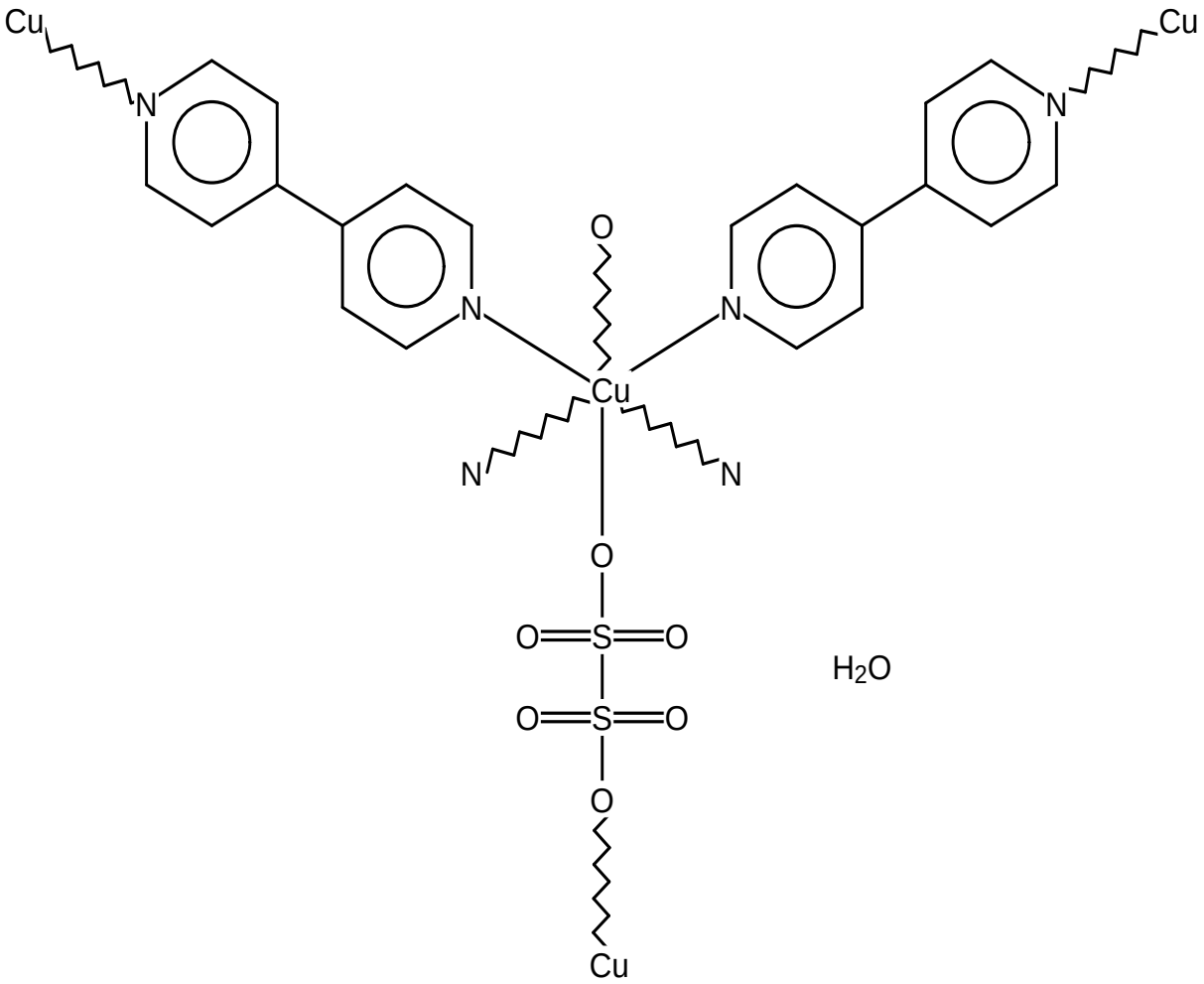
Reference: A.Neels, M.Alfonso, D.G.Mantero, H.Stoeckli-Evans (2003) *Chimia* ,**57,**619

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_6\ S_2)n,20n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-dithionato-O,O')-copper(ii) icosahydrate)

Space Group:	P2/c	***Cell:***	***a***	11.084(1)	***b***	11.150(1)	***c***	16.937(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	97.53(1)	γ	90.00

R-Factor (%): 13.96 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.435



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1019

IVEHIA

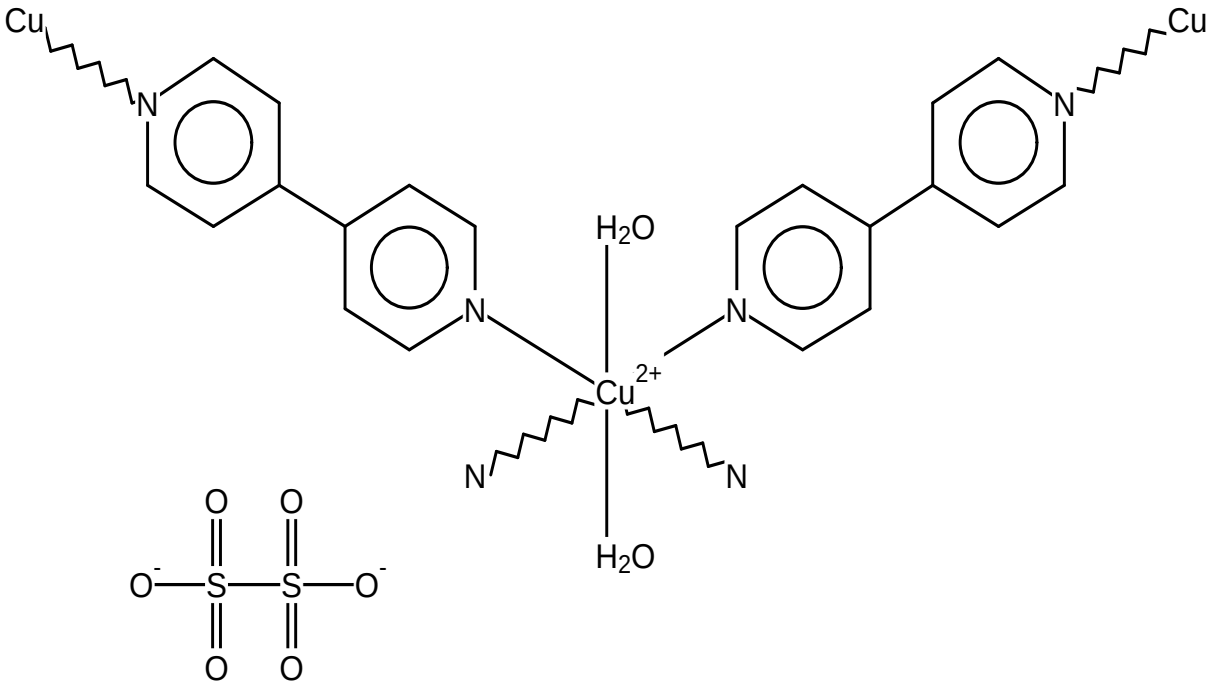
Reference: A.Neels, M.Alfonso, D.G.Mantero, H.Stoeckli-Evans (2003) *Chimia* ,**57,**619

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(O_6\ S_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-diaqua-copper(ii) dithionate)

Space Group:	P4/ncc	***Cell:***	***a***	11.440(1)	***b***	11.440(1)	***c***	15.471(2)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.75 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.877



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1020

IVOWOF

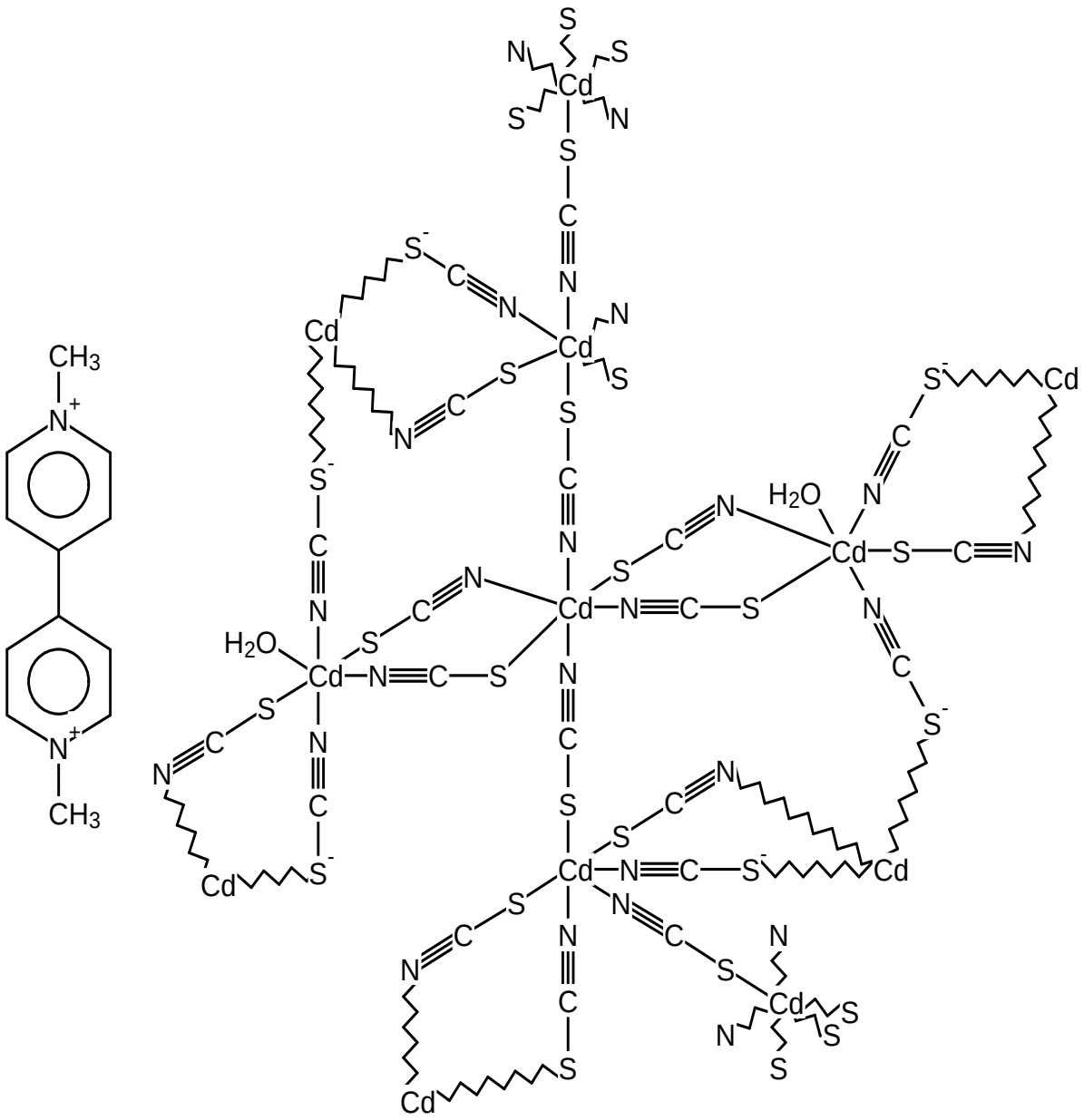
Reference: Zhi Yu, Kui Yu, Longli Lai, K.A.Udachin, Haoguo Zhu, Jianqin Tao, Xiaozeng You, M.Strobele, H.-J.Meyer, J.A.Ripmeester (2004) *Chem.Commun.* ,648

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})3n,n(C_{20}\ H_4\ Cd_7\ N_{20}\ O_2\ S_{20}\ ^{6-})$

Compound Name: catena-(tris(N,N'-Dimethyl-4,4'-bipyridinium) icosakis(μ_2-thiocyanato)-diaqua-hepta-cadmium)

Space Group:	P-1	***Cell:***	***a***	11.408(0)	***b***	12.747(1)	***c***	15.754(1)
Space Group No.:	2	***(Å,°)***	α	86.74(1)	β	71.98(0)	γ	84.51(0)

R-Factor (%): 2.56 ***Temperature(K):*** 210 ***Density(g/cm^3):*** 1.948



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1021

IVOWUL

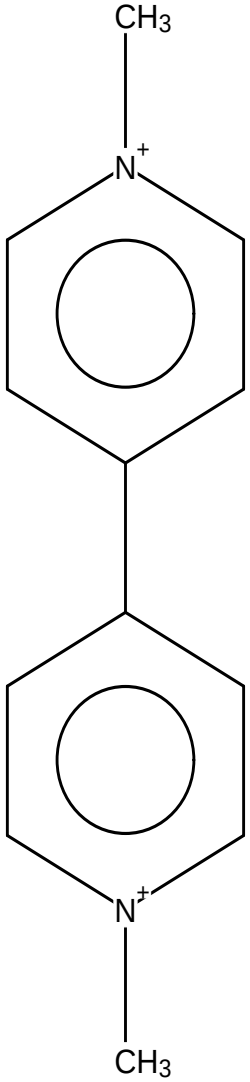
Reference: Zhi Yu, Kui Yu, Longli Lai, K.A.Udachin, Haoguo Zhu, Jianqin Tao, Xiaozeng You, M.Strobele, H.-J.Meyer, J.A.Ripmeester (2004) *Chem.Commun.* ,648

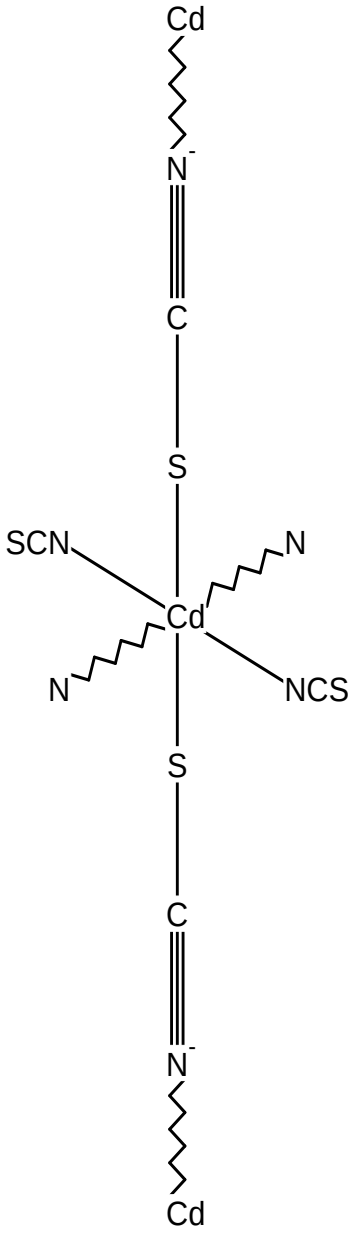
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_4\ Cd_1\ N_4\ S_4\ ^{2-})$

Compound Name: catena-((N,N'-Dimethyl-4,4'-bipyridinium) bis((μ_2-thiocyanato)-(thiocyanato-N))-cadmium)

Space Group:	P21/c	***Cell:***	***a***	11.728(0)	***b***	13.294(0)	***c***	13.240(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.79(0)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 173 ***Density(g/cm3):*** 1.712





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1022

IWEPEF

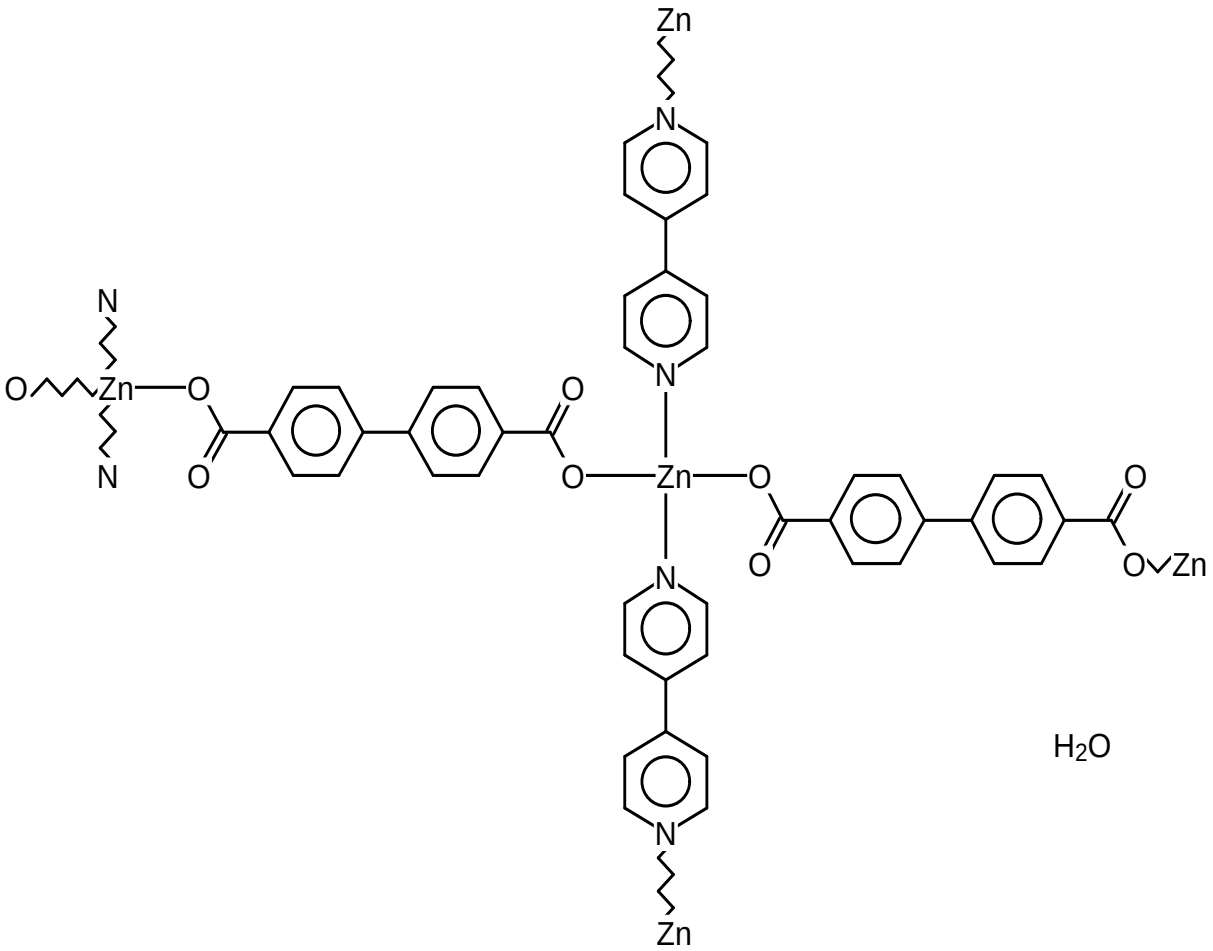
Reference: K.O.Kongshaug, H.Fjellvag (2003) *J.Solid State Chem.* , **175,**182

Formula: $(C_{48}\ H_{32}\ N_4\ O_8\ Zn_2)n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-4,4'-biphenyldicarboxylato-O,O')-di-zinc hexahydrate)

Space Group:	P-1	***Cell:***	***a***	11.020(0)	***b*** 14.298(0)	***c***	7.659(0)
Space Group No.:	2	***(Å,°)***	α	95.98(0)	β 108.03(0)	γ	91.37(0)

R-Factor (%): 5.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.504



Search: search1 (Thu May 26 10:05:42 2011): Hit 1023

IWEPIJ

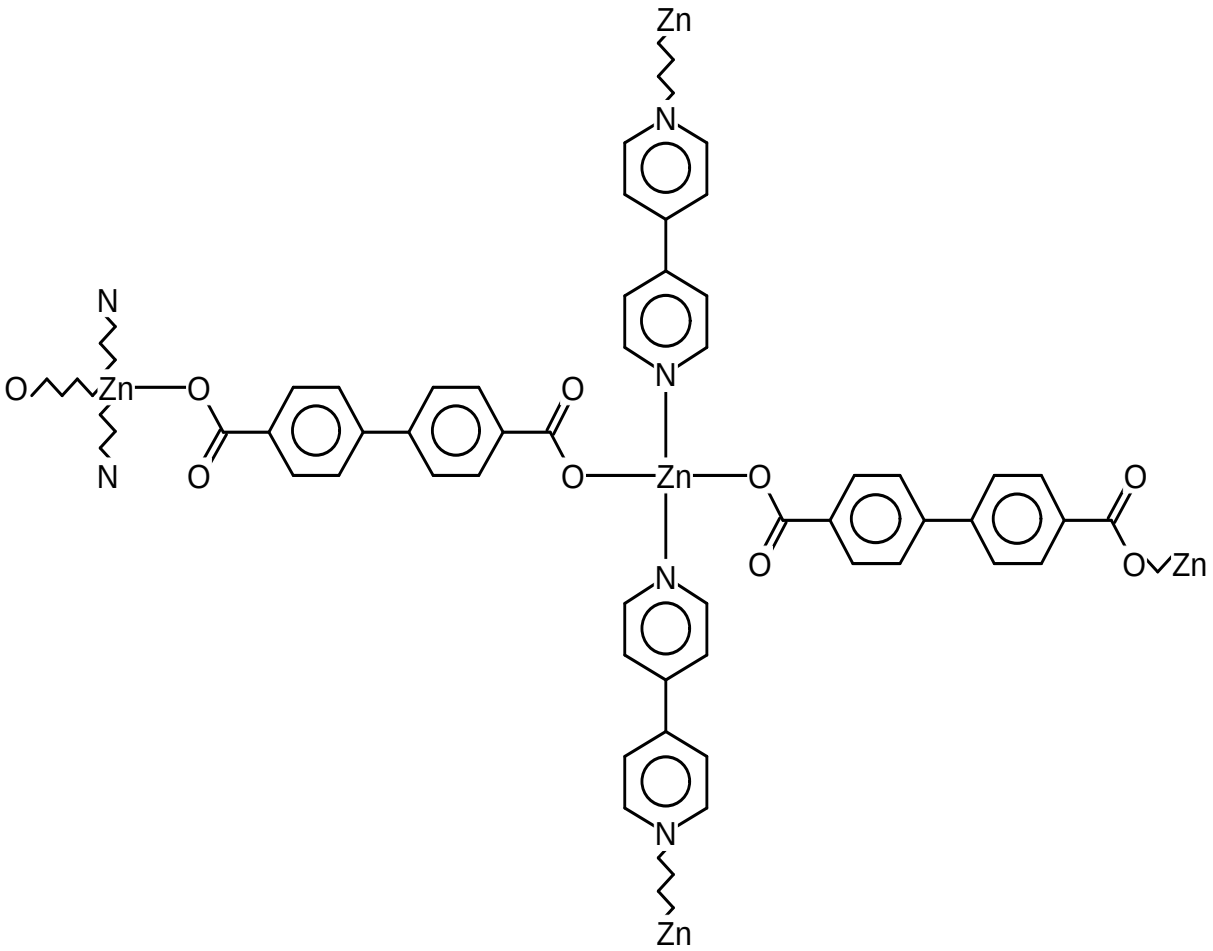
Reference: K.O.Kongshaug, H.Fjellvag (2003) *J.Solid State Chem.* , **175,**182

Formula: $(C_{48}\ H_{32}\ N_4\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-4,4'-biphenyldicarboxylato-O,O')-di-zinc)

Space Group:	P-1	***Cell:***	***a***	11.184(0)	***b*** 14.050(0)	***c***	7.720(0)
Space Group No.:	2	***(Å,°)***	α	96.92(0)	β 109.53(0)	γ	89.11(0)

R-Factor (%): 4.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.352



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1024

IWEQEG

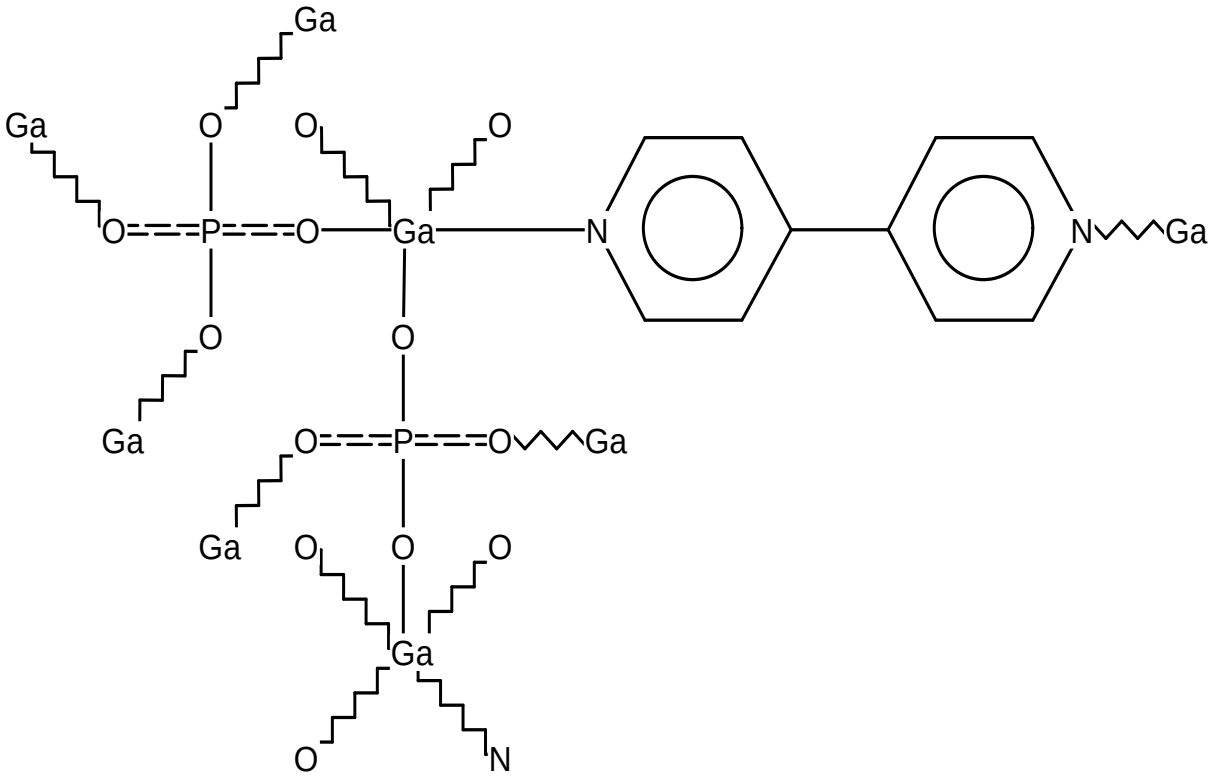
Reference: Ching-Yeh Chen, Kwang-Hwa Lii, A.J.Jacobson (2003)
*J.Solid State Chem. ,***172,**252

Formula: $(C_{10}\ H_8\ Ga_2\ N_2\ O_8\ P_2)n$

Compound Name: catena-(bis(μ_4-Phosphato)-(μ_2-4,4'-bipyridine)-di-gallium)

Space Group:	P-1	***Cell:***	***a***	4.972(0)	***b***	5.770(1)	***c***	11.812(2)
Space Group No.:	2	***(Å,°)***	α	78.27(0)	β	89.16(0)	γ	88.34(0)

R-Factor (%): 3.77 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.431



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1025

IWEQIK

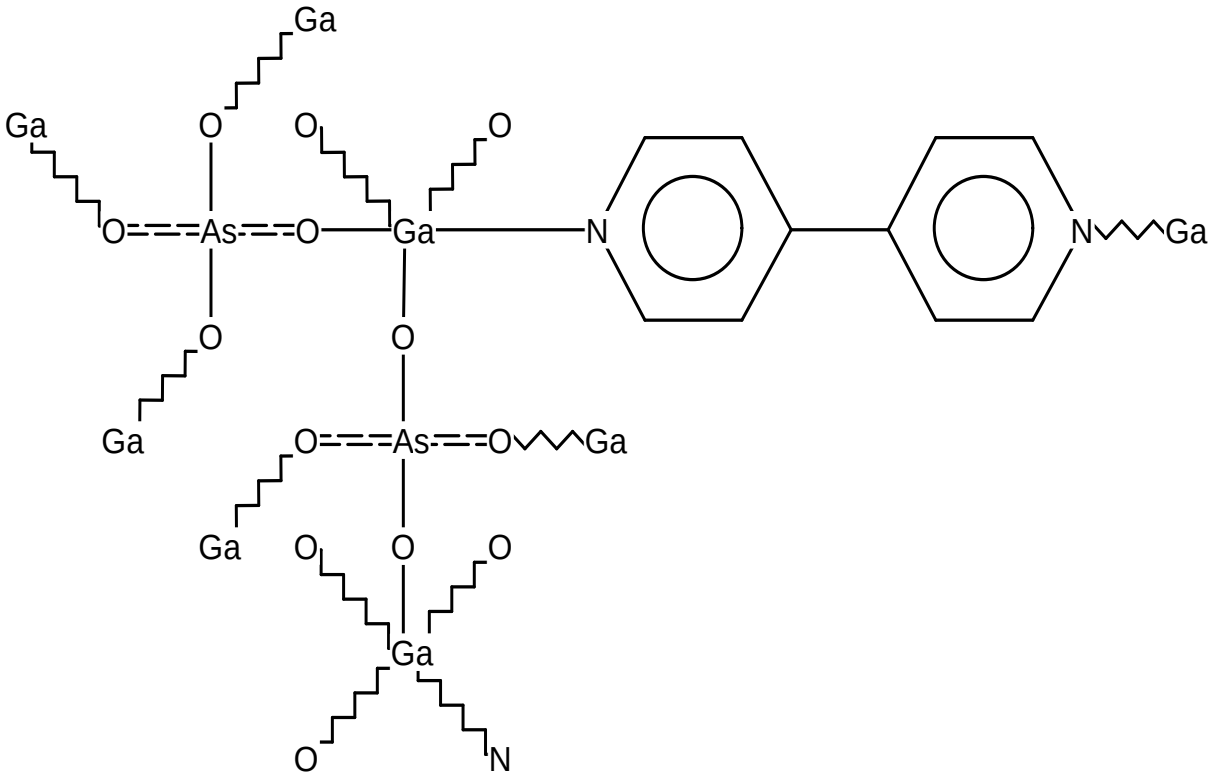
Reference: Ching-Yeh Chen, Kwang-Hwa Lii, A.J.Jacobson (2003)
*J.Solid State Chem. ,***172,**252

Formula: $(C_{10}\ H_8\ As_2\ Ga_2\ N_2\ O_8)n$

Compound Name: catena-(bis(μ_4-Arsenato)-(μ_2-4,4'-bipyridine)-di-gallium)

Space Group:	P-1	***Cell:***	***a***	5.111(0)	***b***	5.933(0)	***c***	11.788(2)
Space Group No.:	2	***(Å,°)***	α	79.50(0)	β	88.87(0)	γ	88.78(0)

R-Factor (%): 2.64 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.711



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1026

IWOMOW

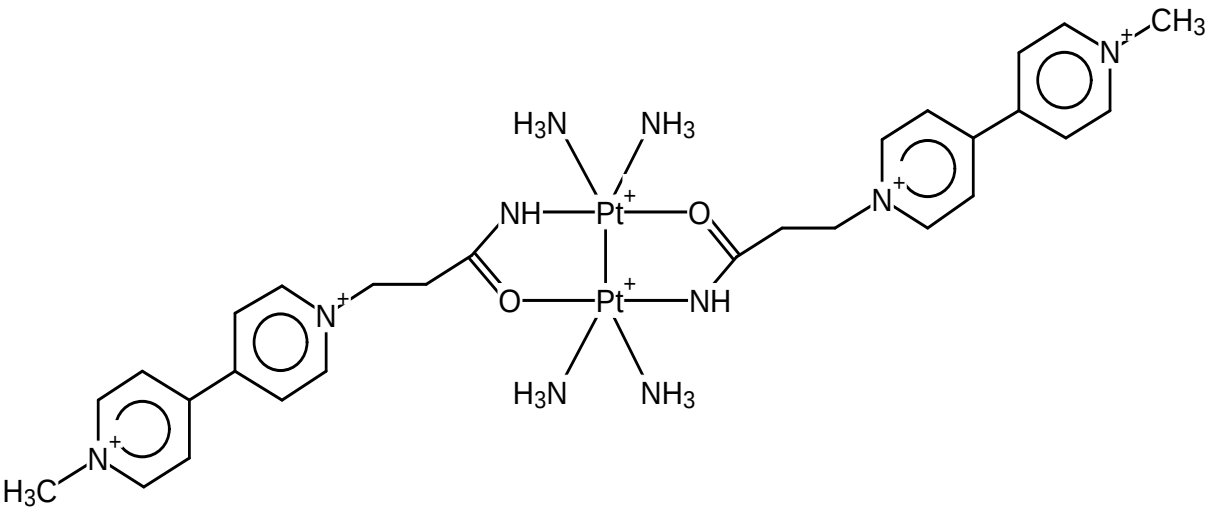
Reference: K.Sakai, Y.Yokoyama, H.Hama, K.Kato, Y.Ikuta, T.Tsubomura, T.Tanase (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m664

Formula: $C_{28}\,H_{44}\,N_{10}\,O_2\,Pt_2^{\,6+},6(Cl_1\,O_4^{\,1-}),2(H_2\,O_1)$

Compound Name: bis((μ$_2$-3-(N'-Methyl-4,4'-bipyridinium-1-yl)propionamidato-N,O)-cis-diammine-platinum(ii)) hexaperchlorate dihydrate

Space Group:	P-1	***Cell:***	***a***	10.093(0)	***b***	11.083(0)	***c*** 24.480(1)
Space Group No.:	2	***(Å,°)***	α	78.12(0)	β	79.31(0)	γ 74.21(0)

R-Factor (%): 6.03 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.049



ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1027

IWUCAE

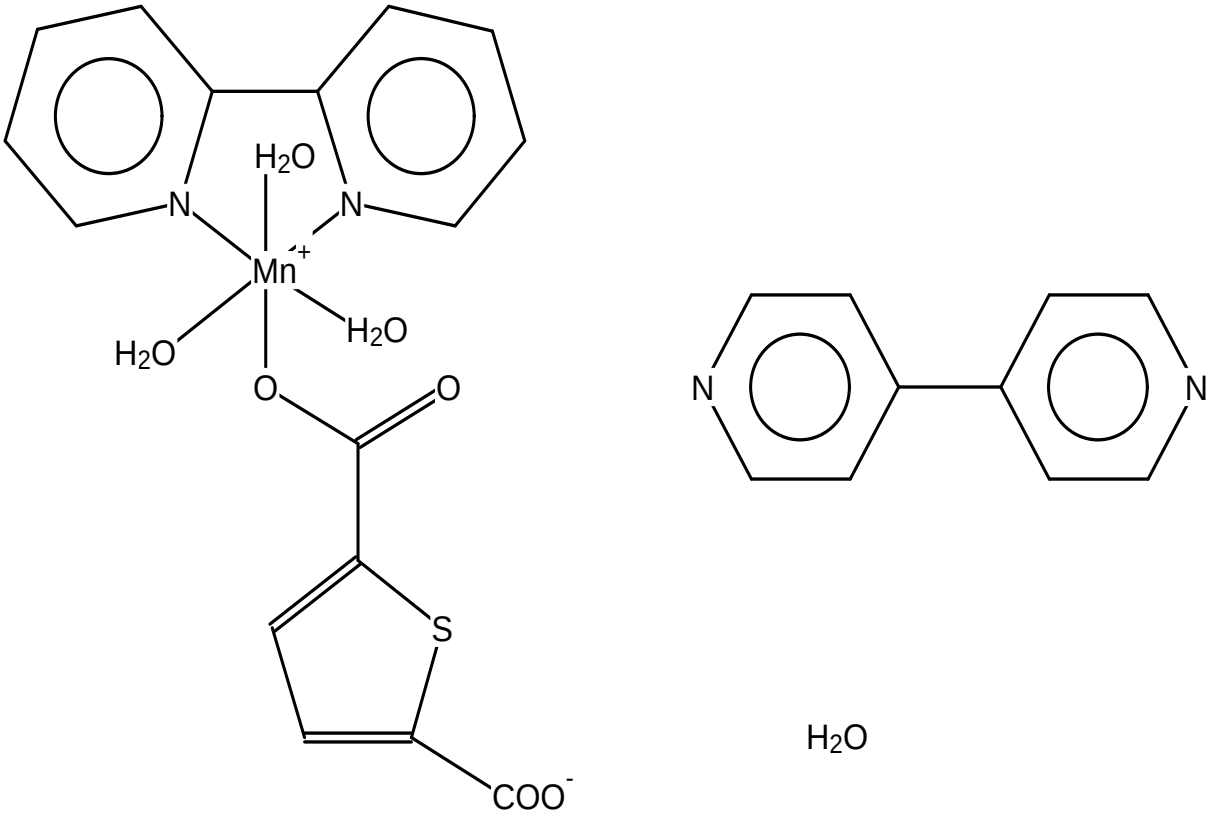
Reference: Xian-Zhong Sun, Bao-Hui Ye (2004)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**60,**m878

Formula: $C_{16}\,H_{16}\,Mn_1\,N_2\,O_7\,S_1$,0.5($C_{10}\,H_8\,N_2$),3($H_2\,O_1$)

Compound Name: Triaqua-(2,2'-bipyridine)-(thiophene-2,5-dicarboxylato)-manganese 4,4'-bipyridine solvate trihydrate

Space Group:	P-1	***Cell:***	***a***	9.172(3)	***b***	12.014(7)	***c***	12.597(8)
Space Group No.:	2	***(Å,°)***	α	75.15(0)	β	73.95(0)	γ	86.79(1)

R-Factor (%): 4.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1028

IWUTAV

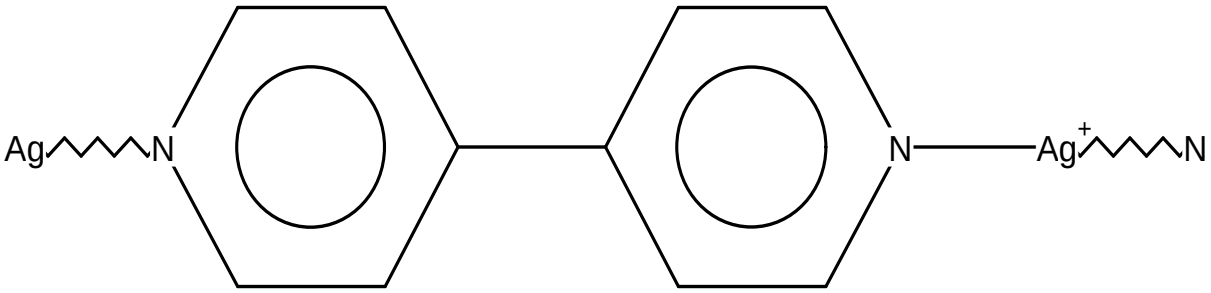
Reference: Yu.V.Kokunov, L.V.Khmelevskaya, Yu.E.Gorbunova, Yu.N.Mikhailov (2003) *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)* , **48,**1452

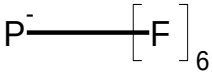
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(F_6\ P_1\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-silver(i) hexafluorophosphate)

Space Group:	C2/m	***Cell:***	***a***	13.574(3)	***b*** 11.345(2)	***c***	8.430(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 107.84(1)	γ	90.00

R-Factor (%): 2.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.198





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1029

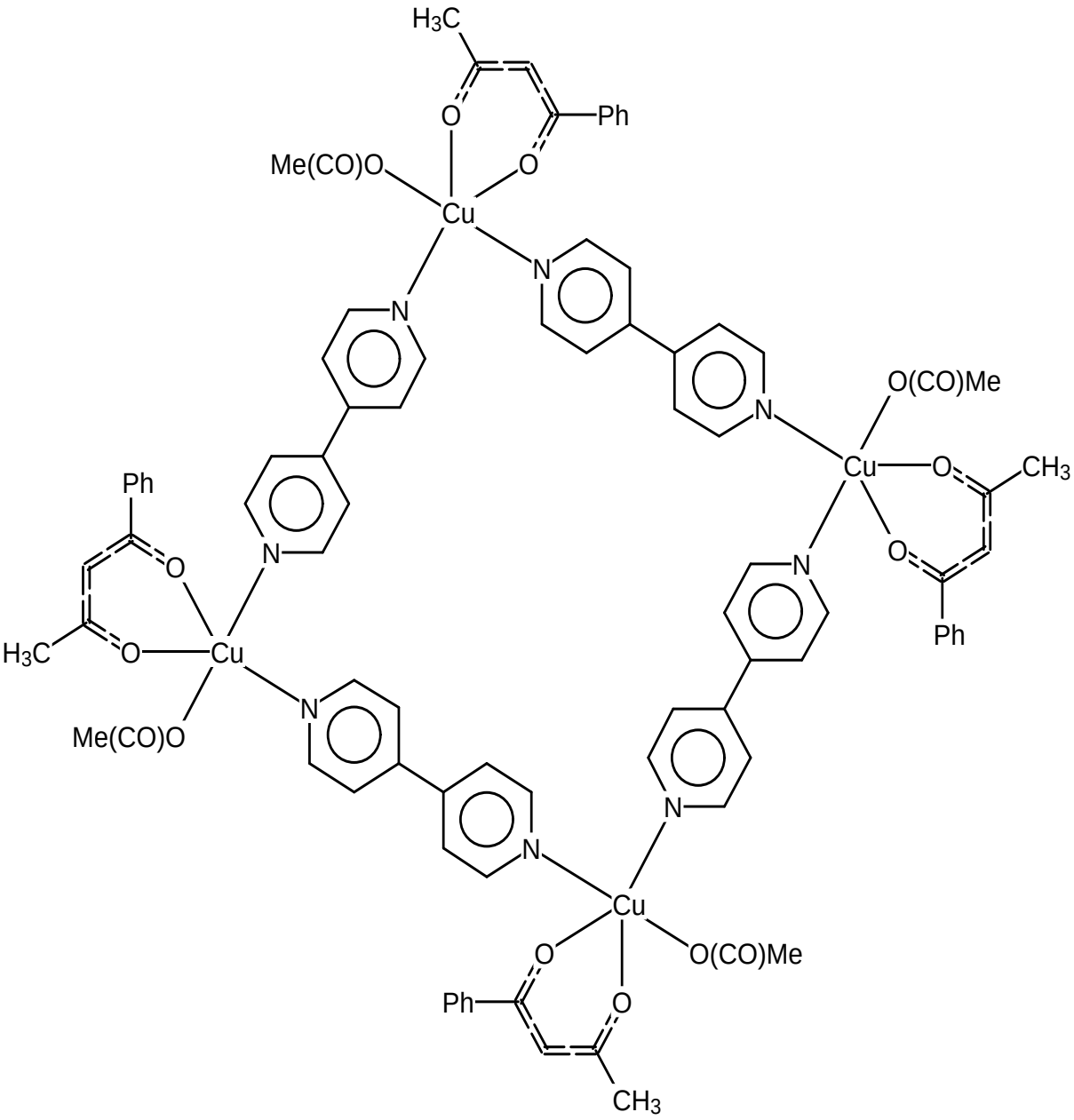
IXEBES

Reference: S.K.Dey, B.Bag, Zhongyuan Zhou, A.S.C.Chan, S.Mitra (2004) *Inorg.Chim.Acta* ,**357,**1991

Formula: $C_{88}\ H_{80}\ Cu_4\ N_8\ O_{16}$

Compound Name: Cyclo-tetrakis((μ_2-4,4'-bipyridine)-(acetato-O)-benzoylacetone-copper(ii))

Space Group:	I-4	***Cell:***	***a***	22.466(2)	***b***	22.466(2)	***c***	7.472(1)
Space Group No.:	82	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	4.65	***Temperature(K):***	294		***Density(g/cm^3):***	1.550		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1030

IXEDIY

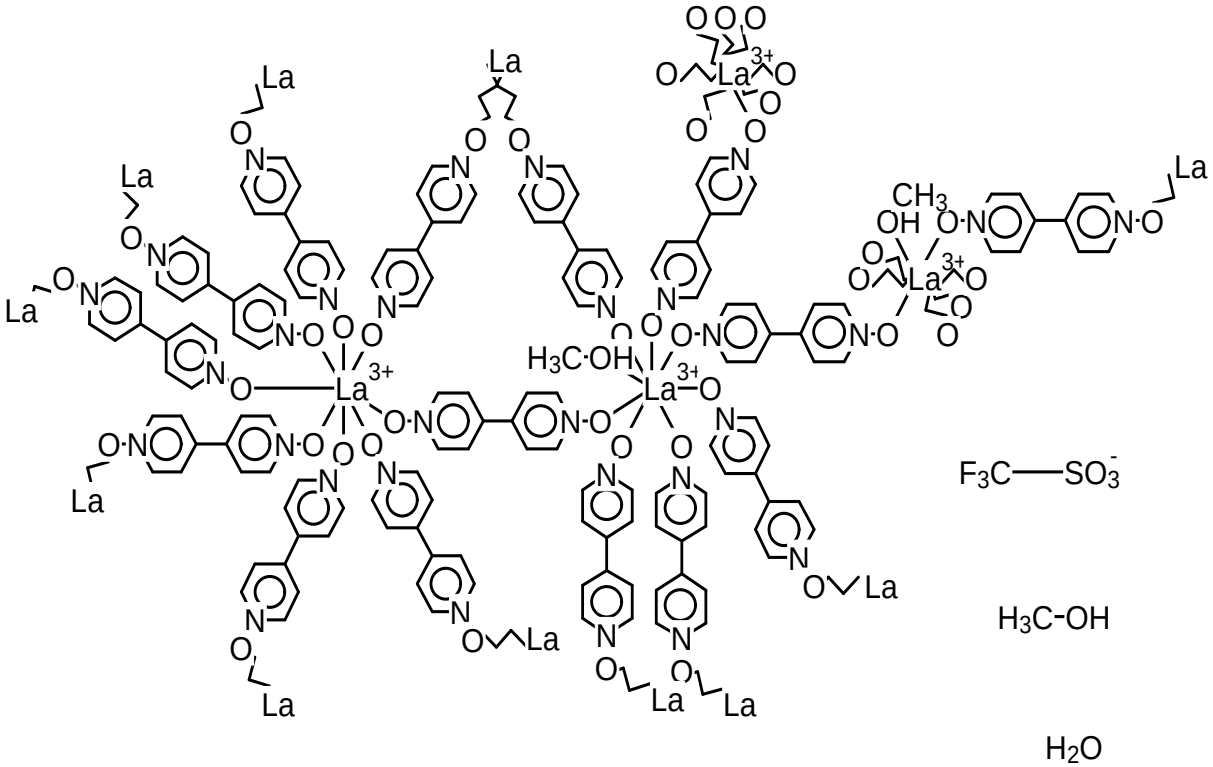
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, D.M.Proserpio, C.Wilson, M.Schroder (2004) *Angew.Chem.,Int.Ed. ,***43,**1851

Formula: $(C_{152}\ H_{128}\ La_4\ N_{30}\ O_{32}\ ^{12+})n,12n(C_1\ F_3\ O_3\ S_1\ ^{1-}),4n(C_1\ H_4\ O_1),7.2n(H_2\ O_1)$

Compound Name: catena-(pentadecakis(μ_2-4,4'-Bipyridine N,N'-dioxide-O,O')-bis(methanol)-tetra-lanthanum(iii) dodecakis(trifluoromethanesulfonate) methanol solvate hydrate)

Space Group:	P-1	***Cell:***	***a***	16.932(1)	***b***	18.509(1)	***c***	18.771(1)
Space Group No.:	2	***(Å,°)***	α	90.06(0)	β	111.53(0)	γ	102.21(0)

R-Factor (%):	6.20	***Temperature(K):***	150	***Density(g/cm3):***	1.711



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1031

IXEDOE

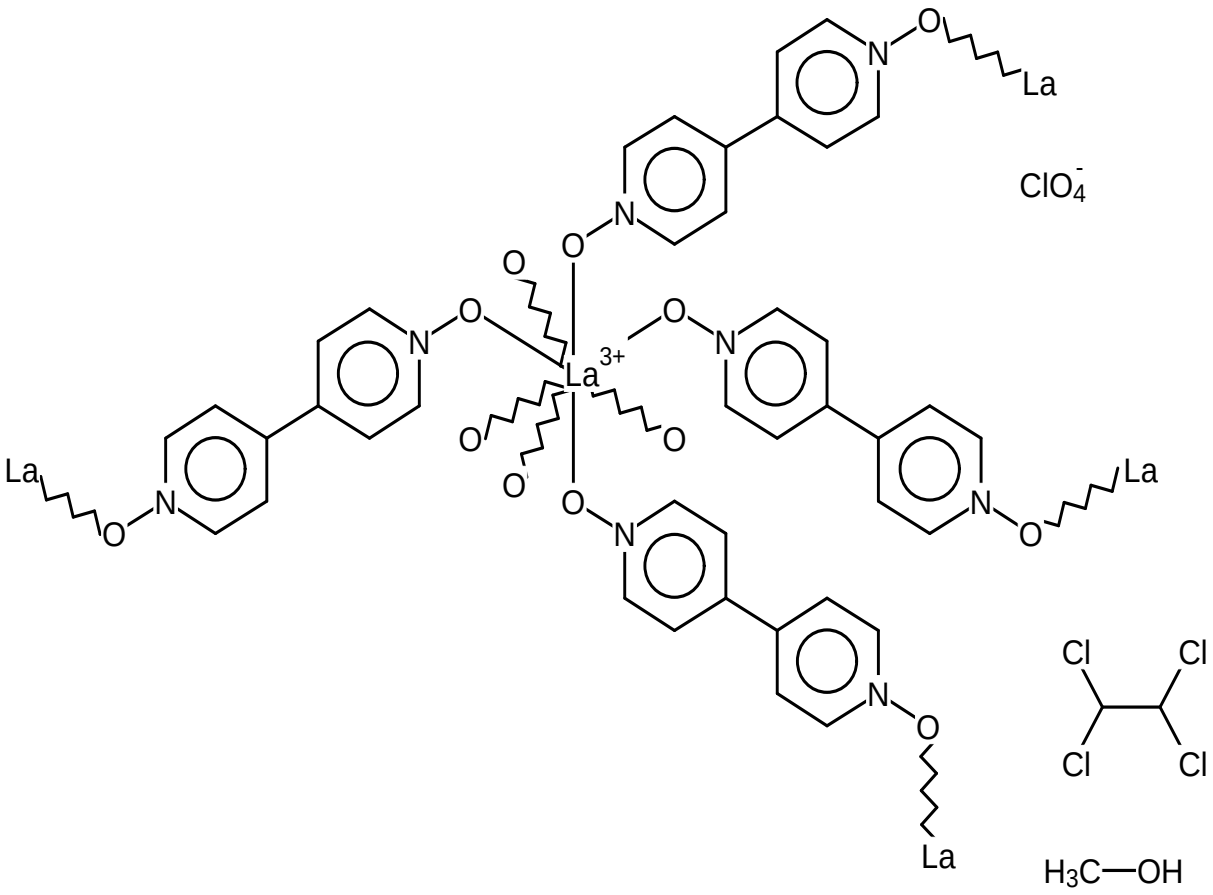
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, D.M.Proserpio, C.Wilson, M.Schroder (2004) *Angew.Chem.,Int.Ed. ,***43,**1851

Formula: $(C_{40}\ H_{32}\ La_1\ N_8\ O_8\ ^{3+})n,3n(Cl_1\ O_4\ ^{1-}),4n(C_2\ H_2\ Cl_4),n(C_1\ H_4\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine N,N'-dioxide-O,O')-lanthanum(iii) triperchlorate 1,1,2,2-tetrachloroethane methanol solvate)

Space Group:	Cc	***Cell:***	***a***	13.520(2)	***b***	22.575(3)	***c***	23.688(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	103.92(0)	γ	90.00

R-Factor (%): 4.40 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.792



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1032

IXEDUK

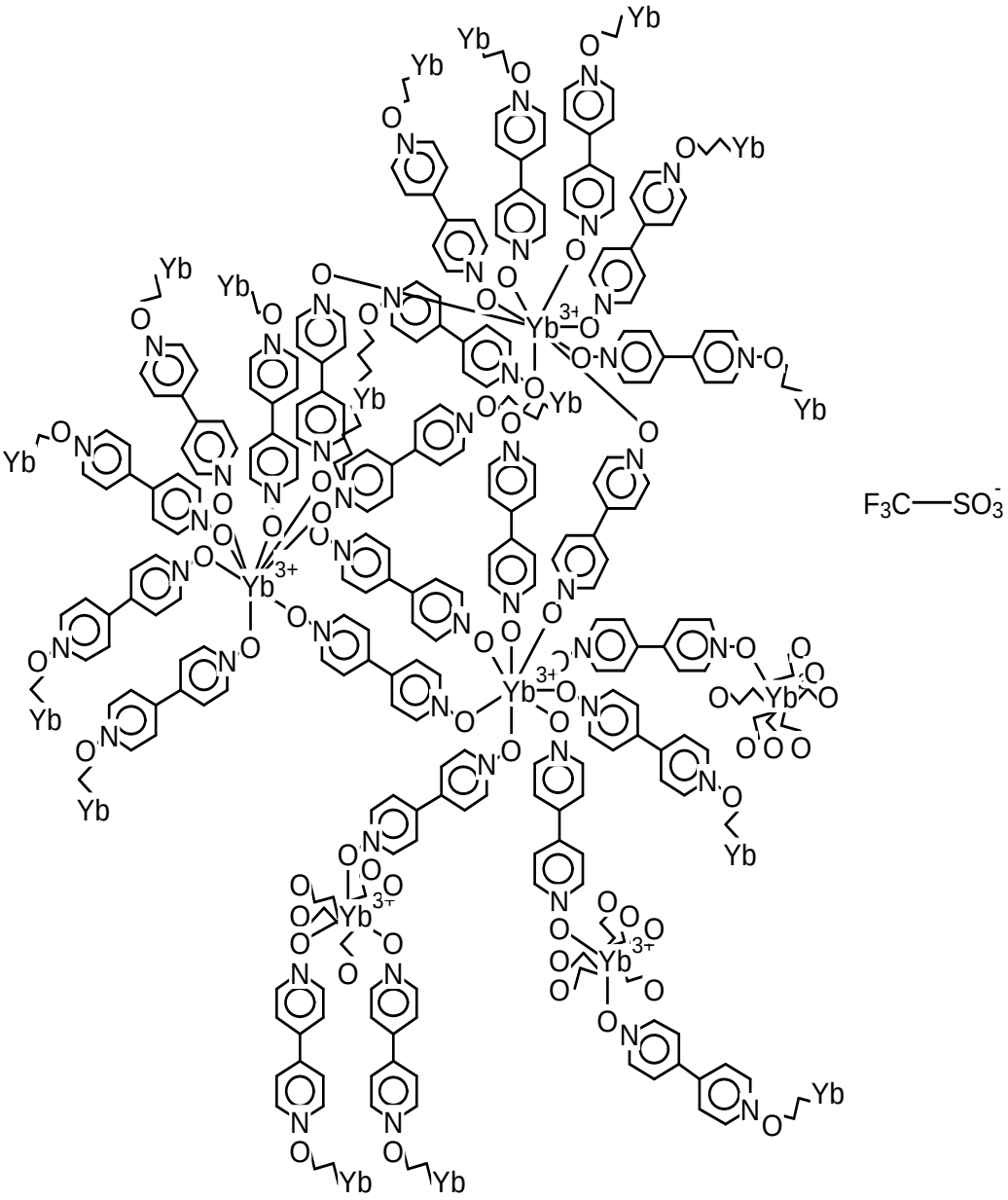
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, D.M.Proserpio, C.Wilson, M.Schroder (2004) *Angew.Chem.,Int.Ed. ,***43,**1851

Formula: $(C_{240}\ H_{192}\ N_{48}\ O_{48}\ Yb_6\ ^{18+})n,18n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-(tetracosakis(μ_2-4,4'-Bipyridine N,N'-dioxide-O,O')-hexa-ytterbium(iii) octadecakis(trifluoromethanesulfonate) unknown solvate)

Space Group:	P-1	***Cell:***	***a***	24.046(0)	***b***	24.157(0)	***c***	24.383(0)
Space Group No.:	2	***(Å,°)***	α	83.86(0)	β	61.84(0)	γ	61.70(0)

R-Factor (%): 10.30 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.258



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1033

IXEFAS

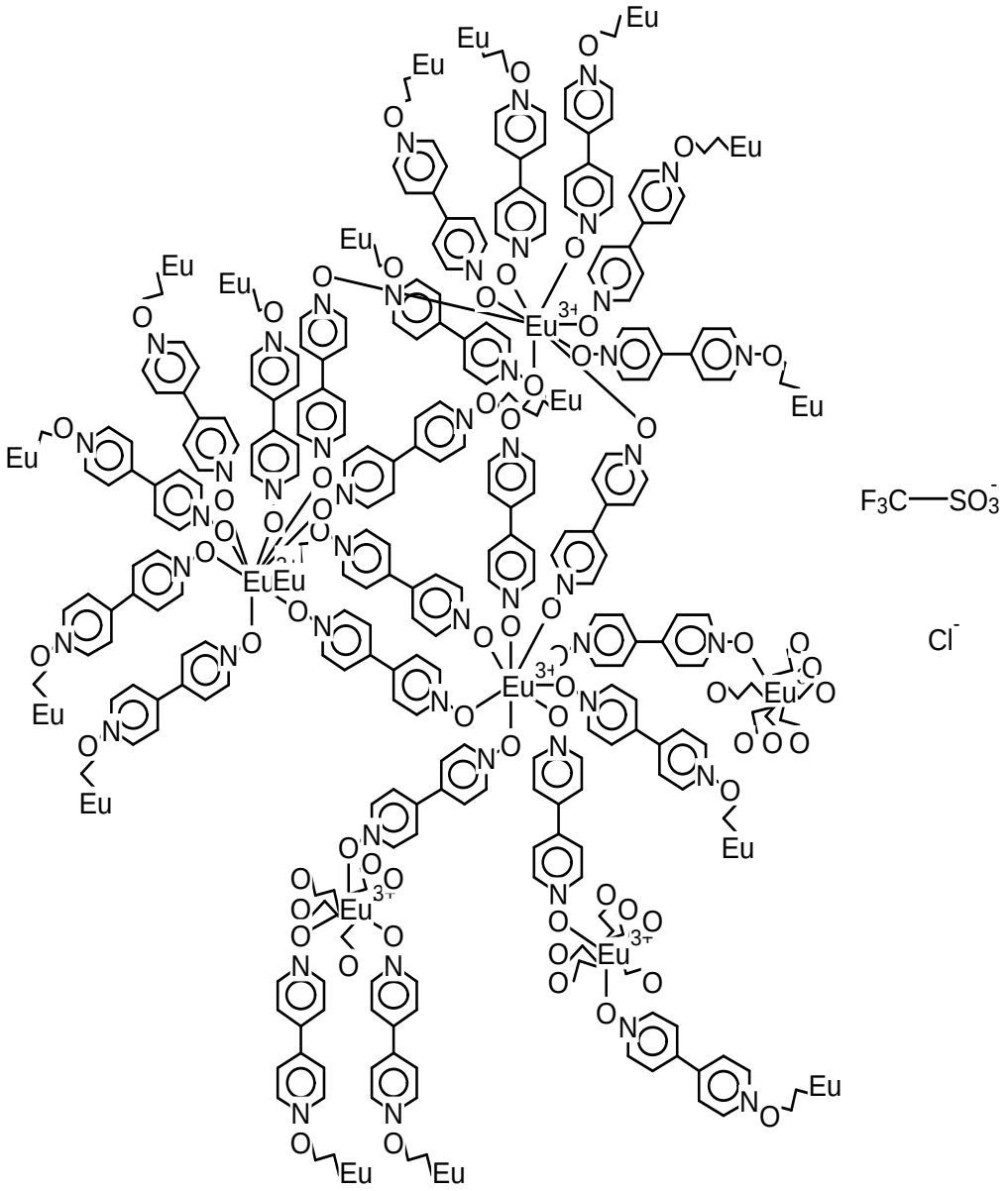
Reference: De-Liang Long, R.J.Hill, A.J.Blake, N.R.Champness, P.Hubberstey, D.M.Proserpio, C.Wilson, M.Schroder (2004) *Angew.Chem.,Int.Ed. ,***43,**1851

Formula: $(C_{240}\ H_{192}\ Eu_6\ N_{48}\ O_{48}\ ^{18+})n,8n(C_1\ F_3\ O_3\ S_1\ ^{1-}),10n(Cl_1\ ^{1-})$

Compound Name: catena-(tetracosakis(μ_2-4,4'-Bipyridine N,N'-dioxide-O,O')-hexa-europium(iii) octakis(trifluoromethanesulfonate) decachloride unknown solvate)

Space Group:	P-1	***Cell:***	***a***	24.141(1)	***b***	24.303(1)	***c***	24.471(1)
Space Group No.:	2	***(Å,°)***	α	84.43(0)	β	61.74(0)	γ	61.49(0)

R-Factor (%): 10.70 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.057



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1034

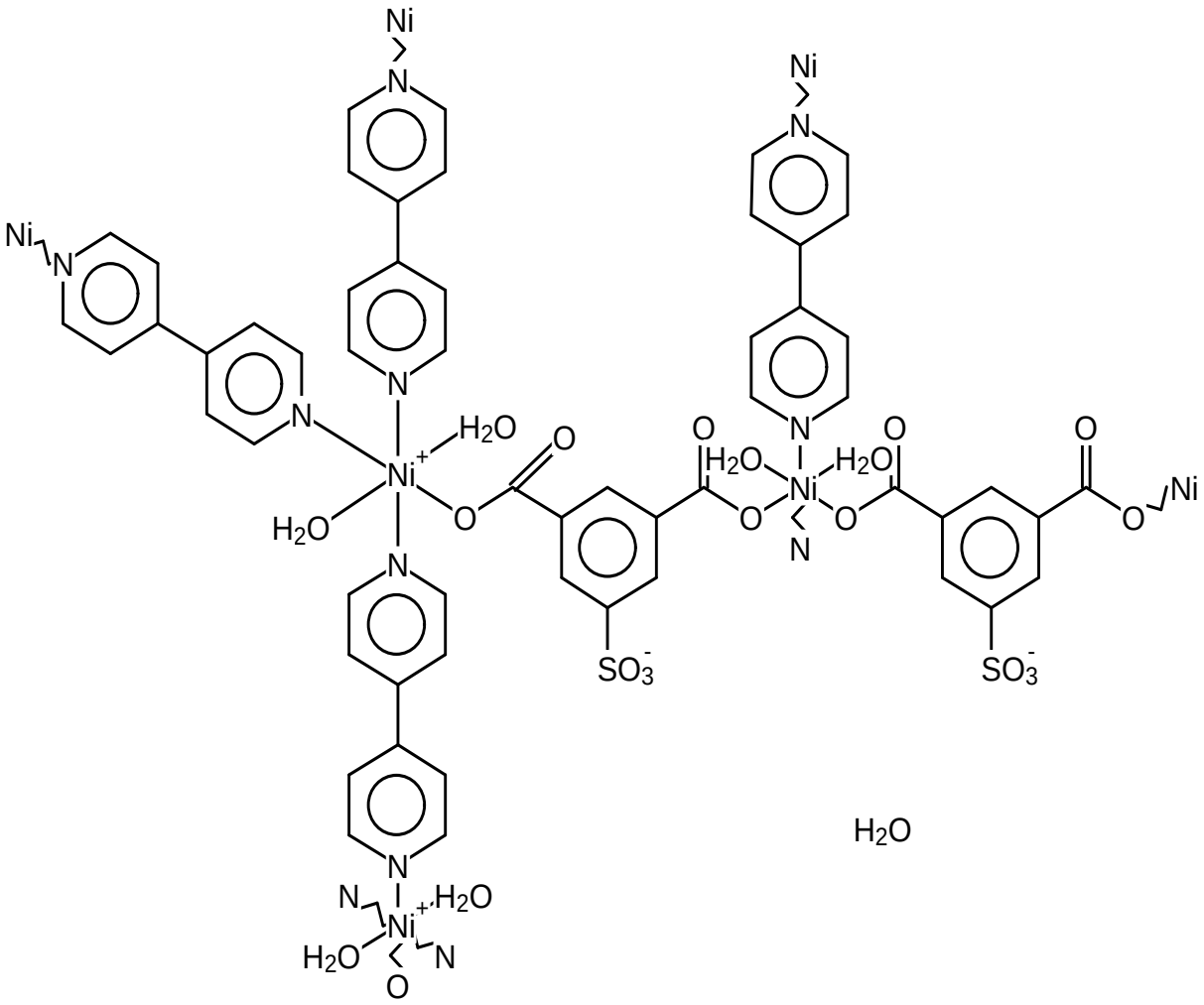
IYAHAR

Reference: Daofeng Sun, Wenhua Bi, Xing Li, Rong Cao (2004)
Inorg.Chem.Commun. ,**7,**683

Formula: $(C_{56}\ H_{50}\ N_8\ Ni_3\ O_{20}\ S_2)n,8n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-5-Sulfoisophthalato)-tetrakis(μ_2-4,4'-bipyridyl)-hexaaqua-tri-nickel(ii) octahydrate]

Space Group:	P212121	***Cell:***	***a***	11.300(2)	***b***	19.266(4)	***c***	30.652(6)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.75	***Temperature(K):***	293		***Density(g/cm^3):***		1.532	



Search: search1 (Thu May 26 10:05:42 2011): Hit 1035

IYEVOX

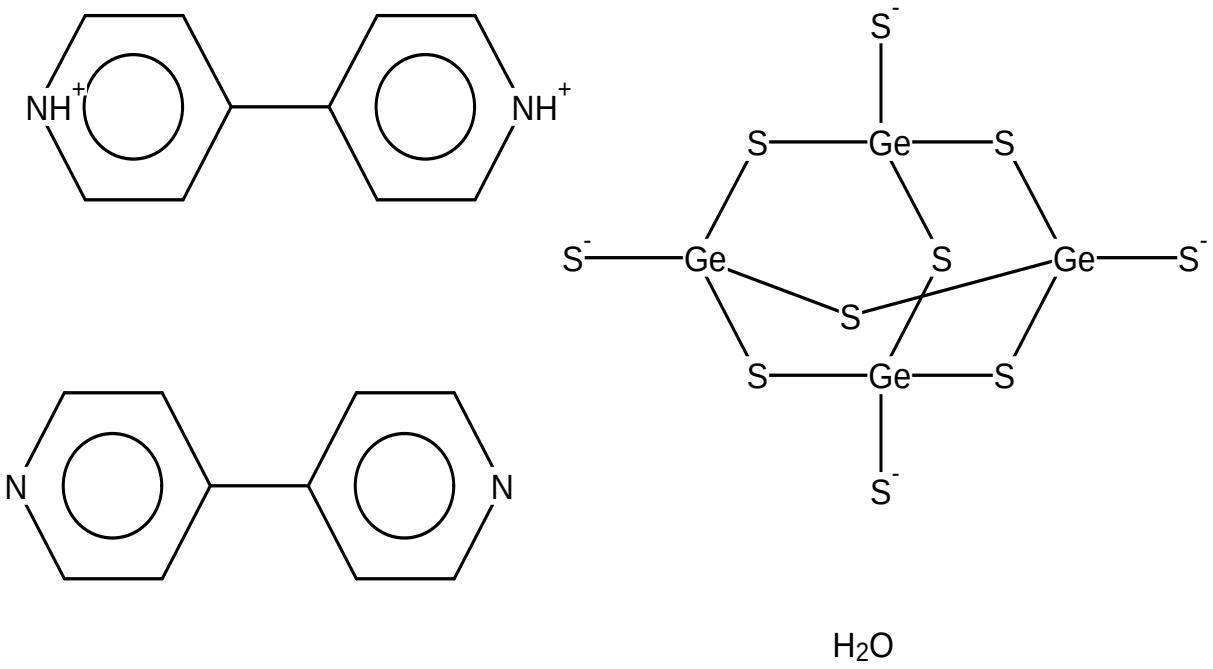
Reference: Ming-Sheng Wang, Wen-Tong Chen, Li-Zhen Cai, Guo-Wei Zhou, Guo-CongGuo, Jin-Shun Huang (2003) *J.Cluster Sci.* , **14,**495

Formula: $2(C_{10}H_{10}N_2^{2+}),C_{10}H_8N_2,Ge_4S_{10}^{4-},7(H_2O_1)$

Compound Name: bis(4,4'-Bipyridinium) hexakis(μ_2-sulfido)-tetra-germanium-tetra-sulfide 4,4'-bipyridine heptahydrate

Space Group:	C2/c	***Cell:***	***a***	18.668(4)	***b***	13.861(3)	***c*** 18.580(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.12(3)	γ 90.00

R-Factor (%): 4.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.672



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1036

IYEXUF

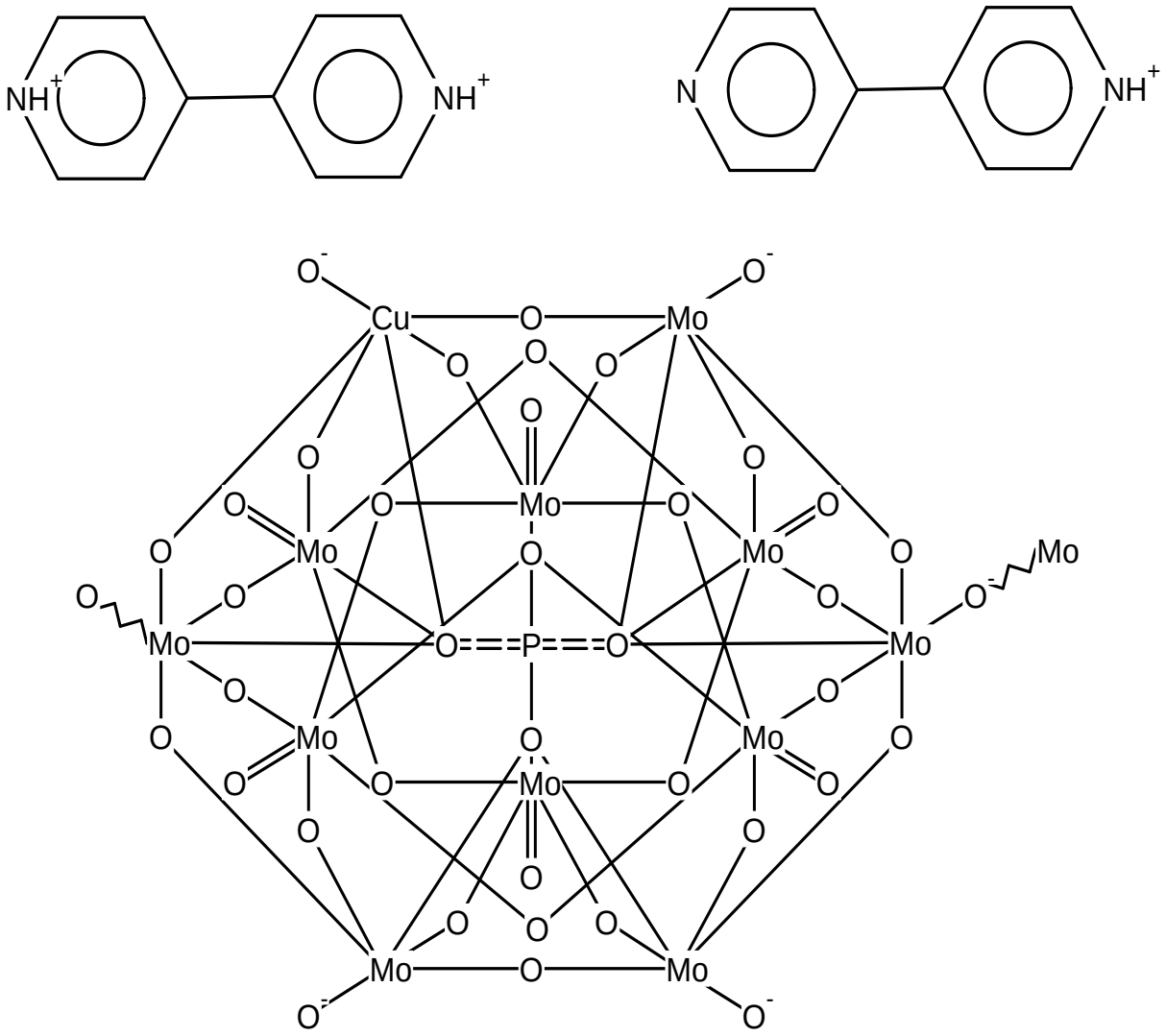
Reference: Ying Lu, Yan Xu, Enbo Wang, Yangguang Li, Li Wang, Changwen Hu, Lin Xu (2004) *J.Solid State Chem. ,***177,**2210

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(Cu_1\ Mo_{11}\ O_{39}\ P_1\ ^{5-}),n(H_2\ O_1)$

Compound Name: catena-(bis(4,4-Bipyridinedi-ium) 4,4-bipyridinium (μ_{12}-phosphato)-pentacosakis(μ_2-oxo)-deca-oxo-copper-undeca-molybdenum monohydrate)

Space Group:	P21/n	***Cell:***	***a***	13.440(3)	***b***	26.660(5)	***c***	15.240(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.55(3)	γ	90.00

R-Factor (%): 6.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.794



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1037

IYEYAM

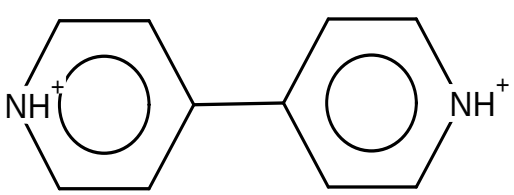
Reference: Ying Lu, Yan Xu, Enbo Wang, Yangguang Li, Li Wang, Changwen Hu, Lin Xu (2004) *J.Solid State Chem. ,***177,**2210

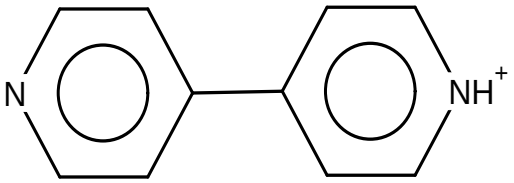
Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(Mo_{11}\ O_{39}\ P_1\ Zn_1\ ^{5-}),2.75n(H_2\ O_1)$

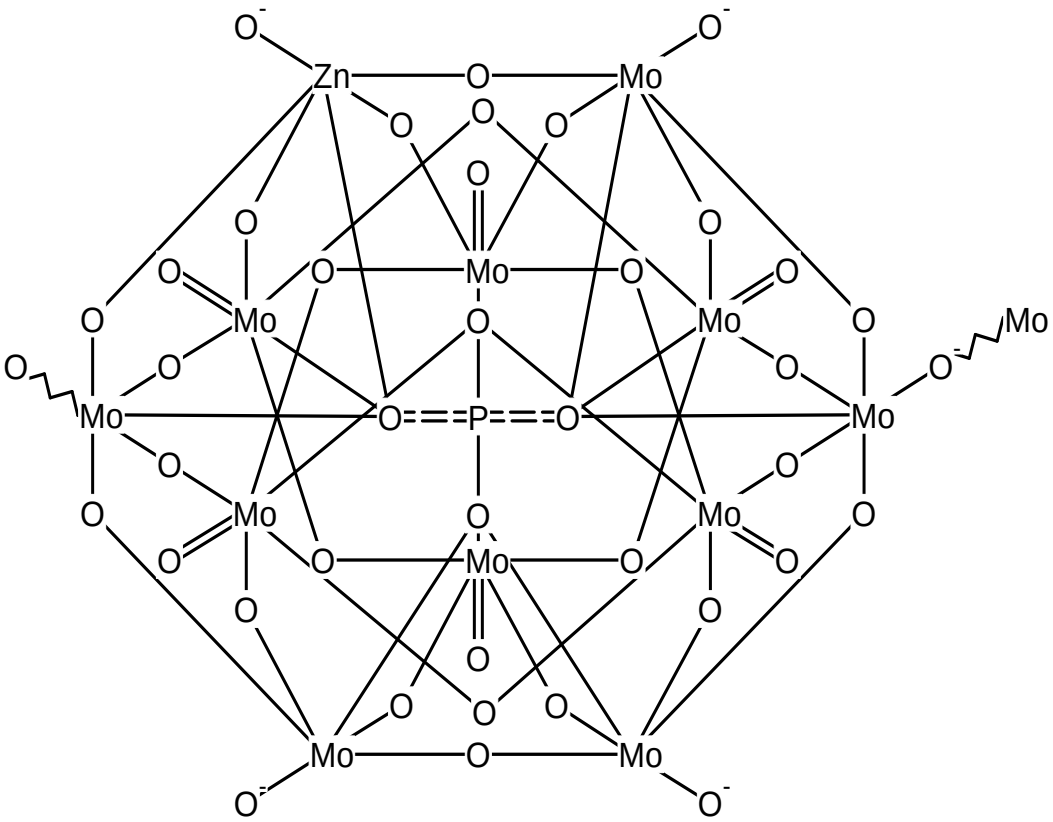
Compound Name: catena-(bis(4,4-Bipyridinedi-ium) 4,4-bipyridinium (μ_{12}-phosphato)-pentacosakis(μ_2-oxo)-deca-oxo-undeca-molybdenum-zinc hydrate)

Space Group:	P21/n	***Cell:***	***a***	13.610(3)	***b***	26.781(5)	***c*** 15.205(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.40(3)	γ 90.00

R-Factor (%): 7.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.801






O-
Zn
O
Mo
O
O
O
O
O
O
O
O
Mo
O
O
O
O
O
O
Mo
Mo
O
O
Mo
O
O
O
O
O
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1038

IZASIL

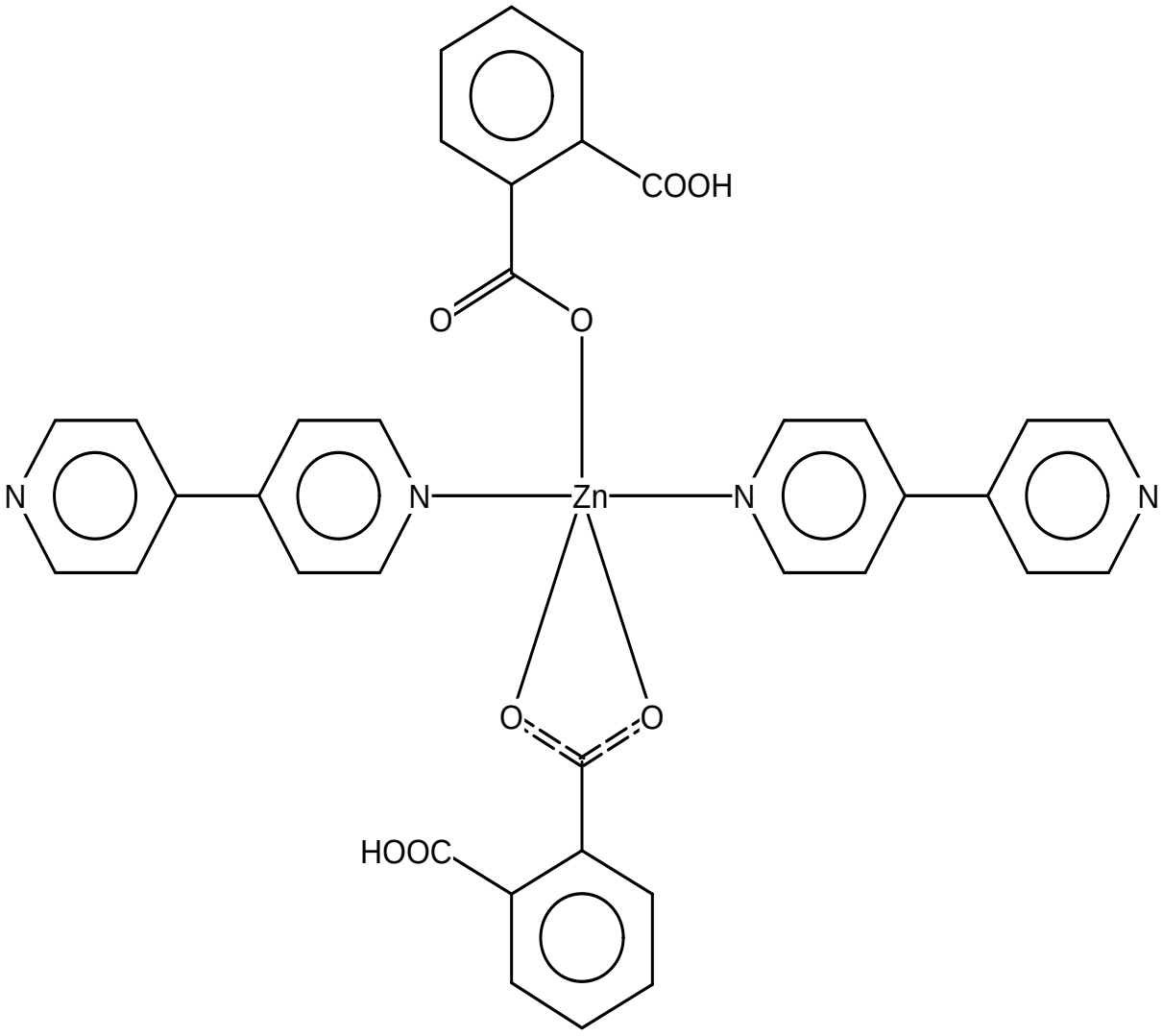
Reference: En Tang, Yu-Mei Dai, Shen Lin (2004)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**60,**m433

Formula: $C_{36}\,H_{26}\,N_4\,O_8\,Zn_1$

Compound Name: bis(4,4'-bipyridyl-κN)-(bis(hydrogen phthalato)-κ^2O,O';κO)-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	7.510(0)	***b***	10.000(0)	***c***	22.082(0)
Space Group No.:	2	***(Å,°)***	α	84.31(0)	β	88.08(0)	γ	71.02

R-Factor (%):	6.29	***Temperature(K):***	293	***Density(g/cm^3):***	1.507



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1039

JAMSAS

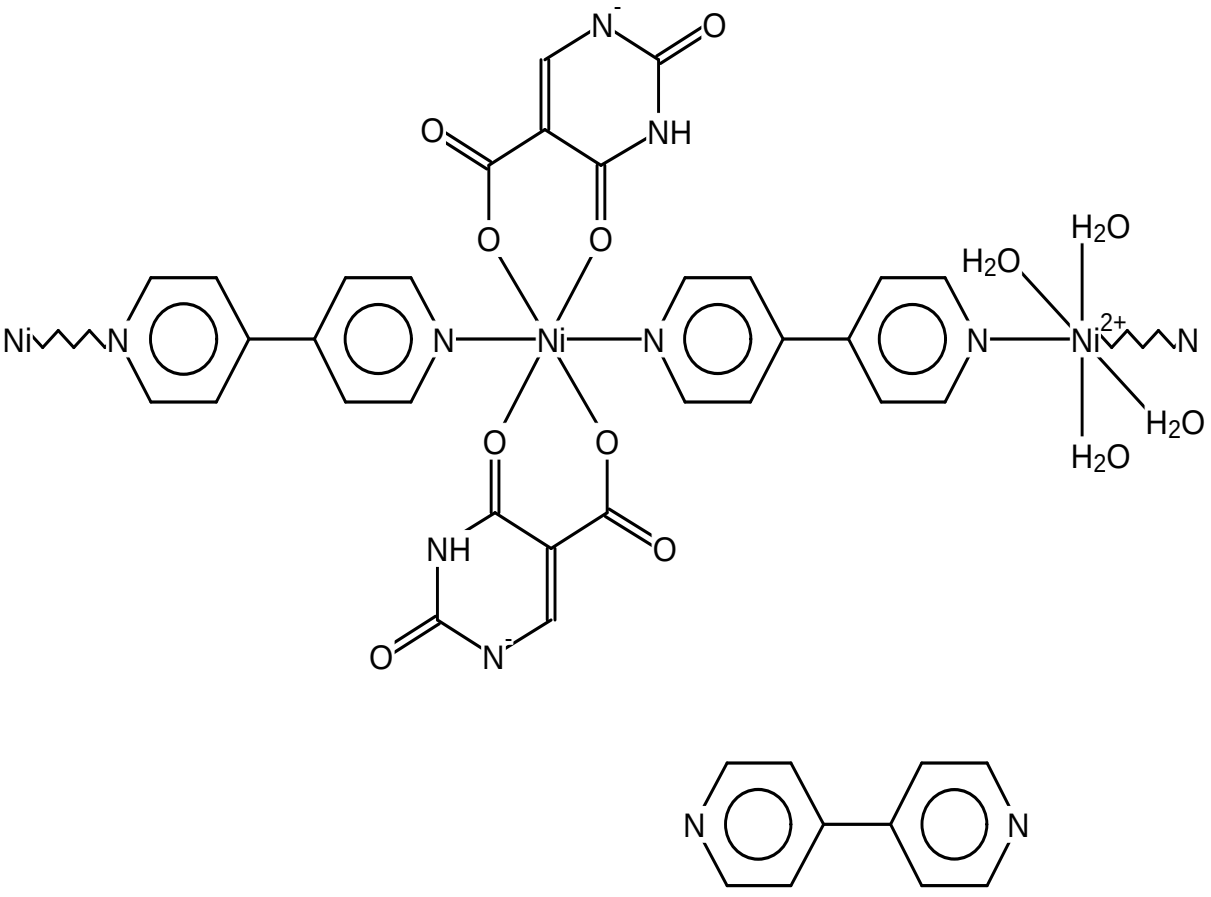
Reference: Chang-Yan Sun, Lin-Pei Jin (2004) *Polyhedron ,***23,**2227

Formula: $(C_{30}\ H_{28}\ N_8\ Ni_2\ O_{12})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(iso-orotato)-tetra-aqua-di-nickel(ii) 4,4-bipyridyl solvate)

Space Group:	P-1	***Cell:***	***a***	11.232(4)	***b***	11.570(4)	***c***	11.728(4)
Space Group No.:	2	***(Å,°)***	α	71.25(0)	β	67.07(0)	γ	65.24(0)

R-Factor (%): 4.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.489



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1040

JAMSEW

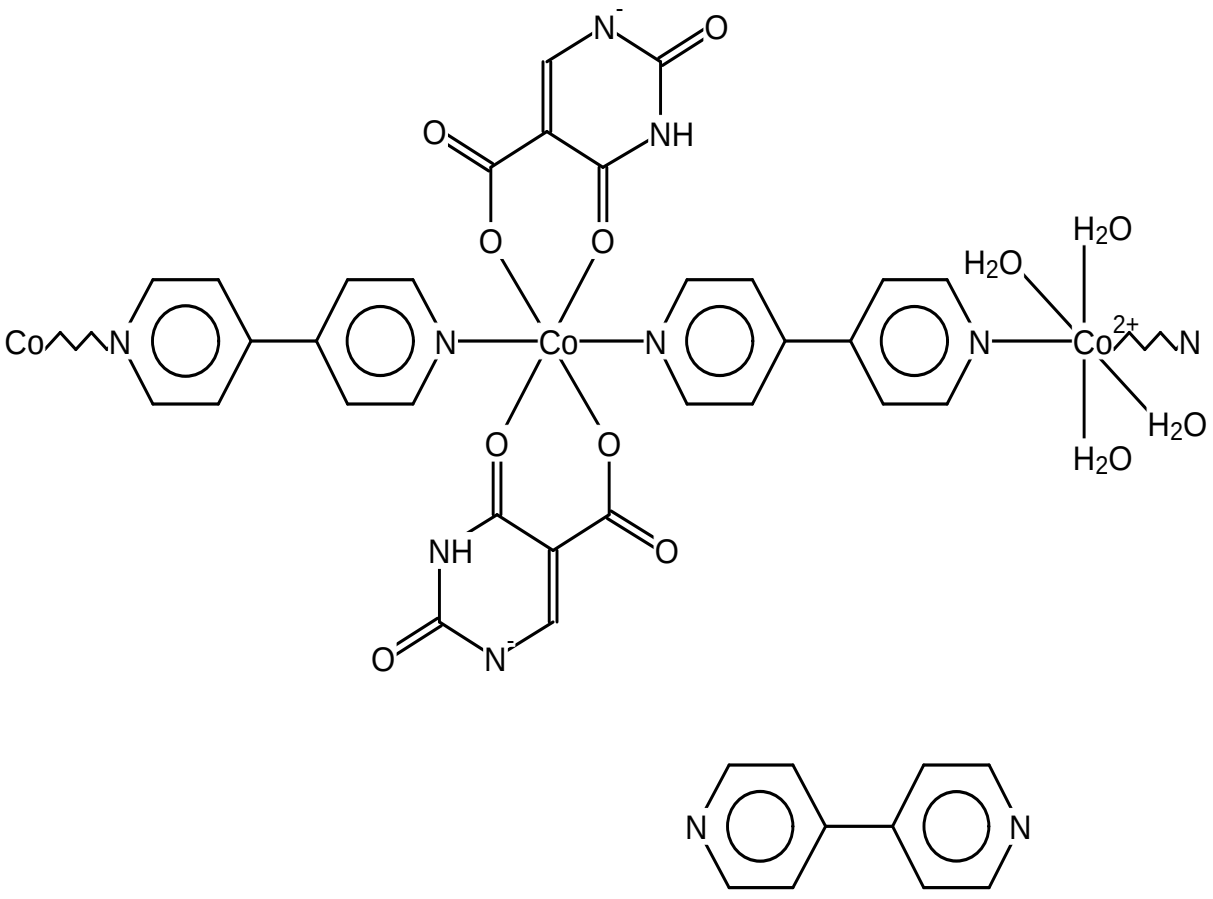
Reference: Chang-Yan Sun, Lin-Pei Jin (2004) *Polyhedron ,***23,**2227

Formula: $(C_{30}\ H_{28}\ Co_2\ N_8\ O_{12})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(iso-orotato)-tetra-aqua-di-cobalt(ii) 4,4-bipyridyl solvate)

Space Group:	P-1	***Cell:***	***a***	11.241(3)	***b***	11.553(3)	***c***	11.736(3)
Space Group No.:	2	***(Å,°)***	α	72.09(0)	β	67.04(0)	γ	65.25(0)

R-Factor (%): 5.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.485



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1041

JANSEW

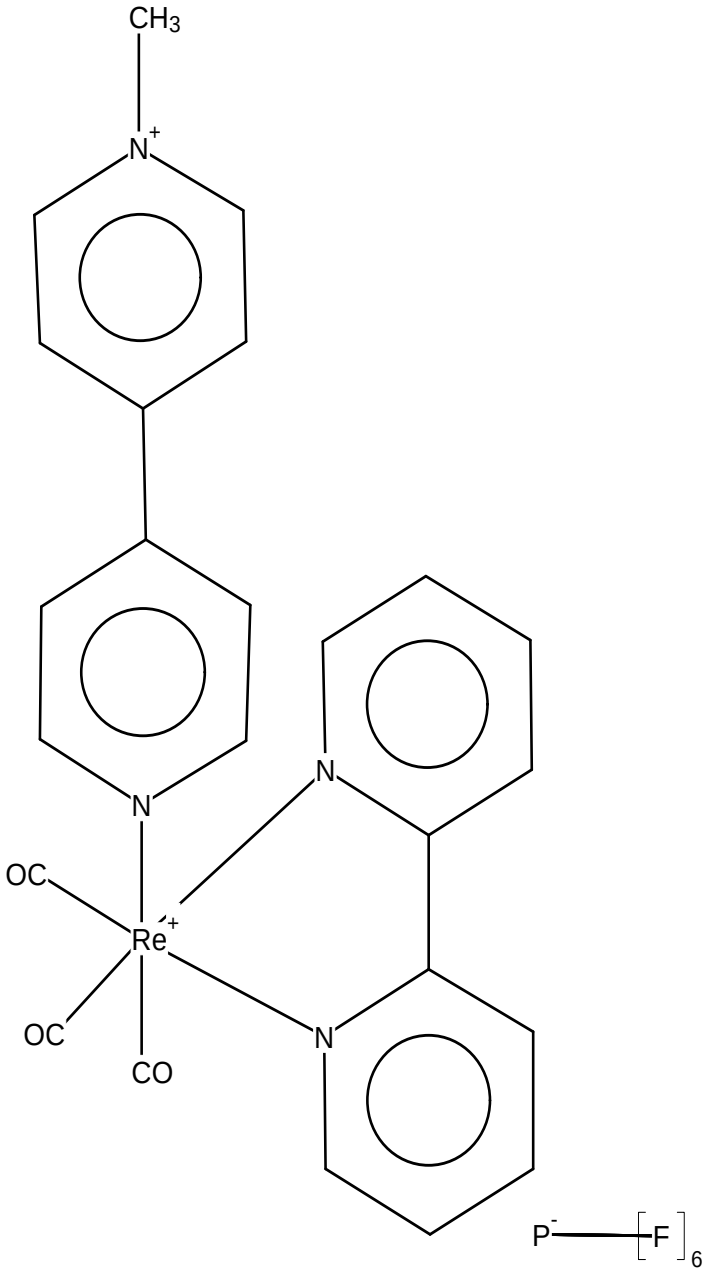
Reference: Pingyun Chen, M.Curry, T.J.Meyer (1989) *Inorg.Chem.* , **28,**2271

Formula: $C_{24}\ H_{19}\ N_4\ O_3\ Re_1\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: (2,2'-Bipyridyl-N,N')-tricarbonyl-(N-methyl-4,4'-bipyridinium)-rhenium(ii) bis(hexafluorophosphate)

Space Group:	P21/a	***Cell:***	***a***	14.910(3)	***b*** 11.270(2)	***c***	19.264(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.85(1)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.936



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1042

JANSEW01

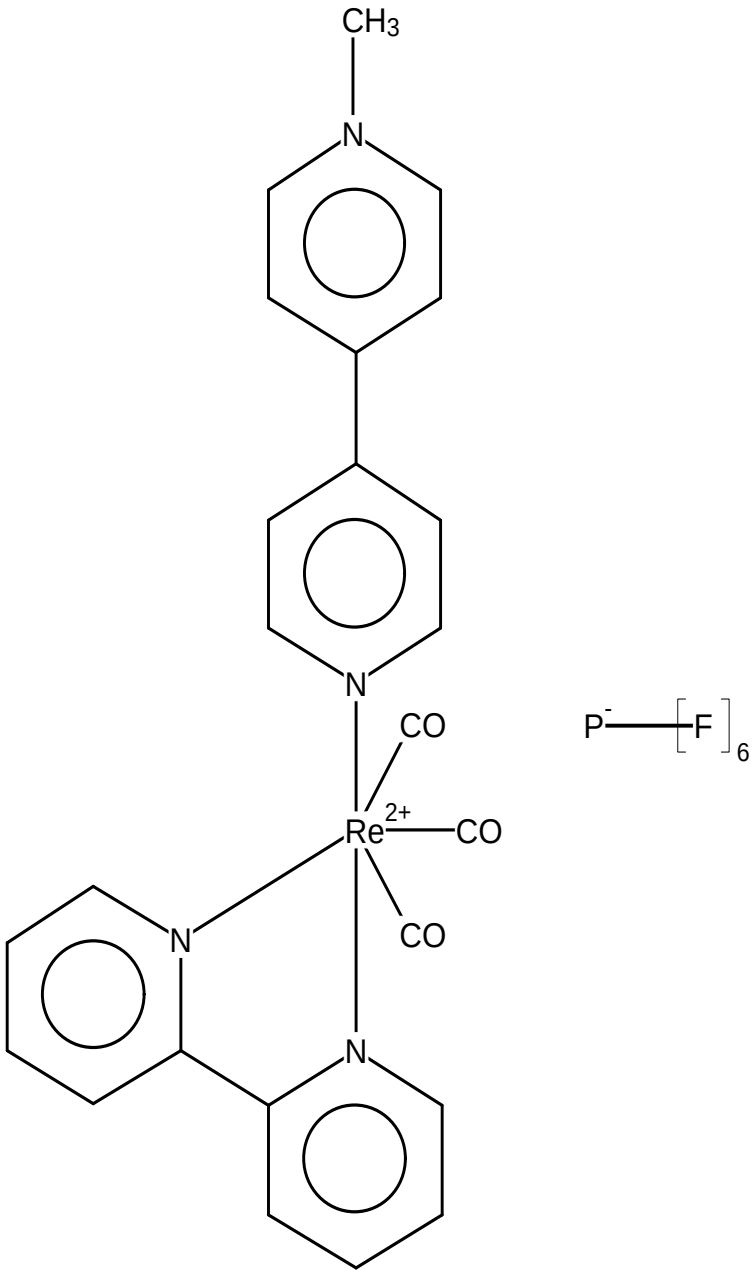
Reference: M.Busby, D.J.Liard, M.Motevalli, H.Toms, A.Vlcek Junior (2004) *Inorg.Chim.Acta* ,**357,**167

Formula: $C_{24}\ H_{19}\ N_4\ O_3\ Re_1\ ^{2+}$,2($F_6\ P_1\ ^{1-}$)

Compound Name: (2,2'-Bipyridyl-N,N')-tricarbonyl-(N-methyl-4,4'-bipyridinium)-rhenium(ii) bis(hexafluorophosphate)

Space Group:	P21/a	***Cell:***	***a*** 14.791(8)	***b*** 11.257(5)	***c*** 18.905(8)
Space Group No.:	14	***(Å,°)***	α 90.00	β 109.39(8)	γ 90.00

R-Factor (%): 2.75 ***Temperature(K):*** 160 ***Density(g/cm^3):*** 1.985



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1043

JANWOK

Reference: E.G.Megehee, C.E.Johnson, R.Eisenberg (1989)
*Inorg.Chem. ,***28,**2423

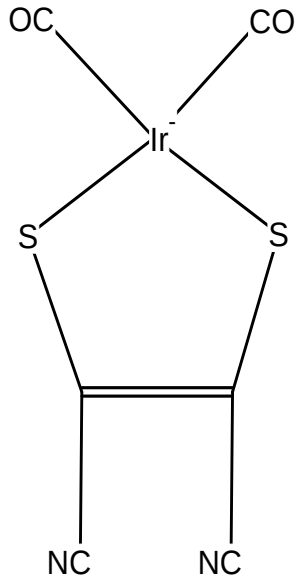
Formula: $2(C_6\ Ir_1\ N_2\ O_2\ S_2\ ^{1-}),C_{12}\ H_{14}\ N_2\ ^{2+}$

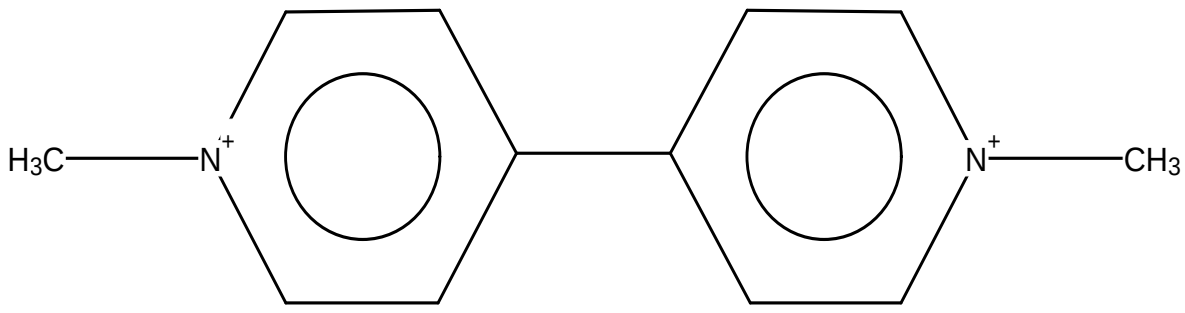
Compound Name: 4,4'-Dimethyl-1,1'-bipyridinium bis(dicarbonyl-(maleodinitriledithiolato-S, S')-iridium(i))

Synonym: Methyl viologen bis(dicarbonyl-(maleodinitriledithiolato-S,S')-iridium(i))

Space Group:	C2/c	***Cell:***	***a***	14.754(4)	***b*** 10.063(3)	***c***	19.985(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.73(3)	γ	90.00

R-Factor (%): 1.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.219





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1044

JAPNUK

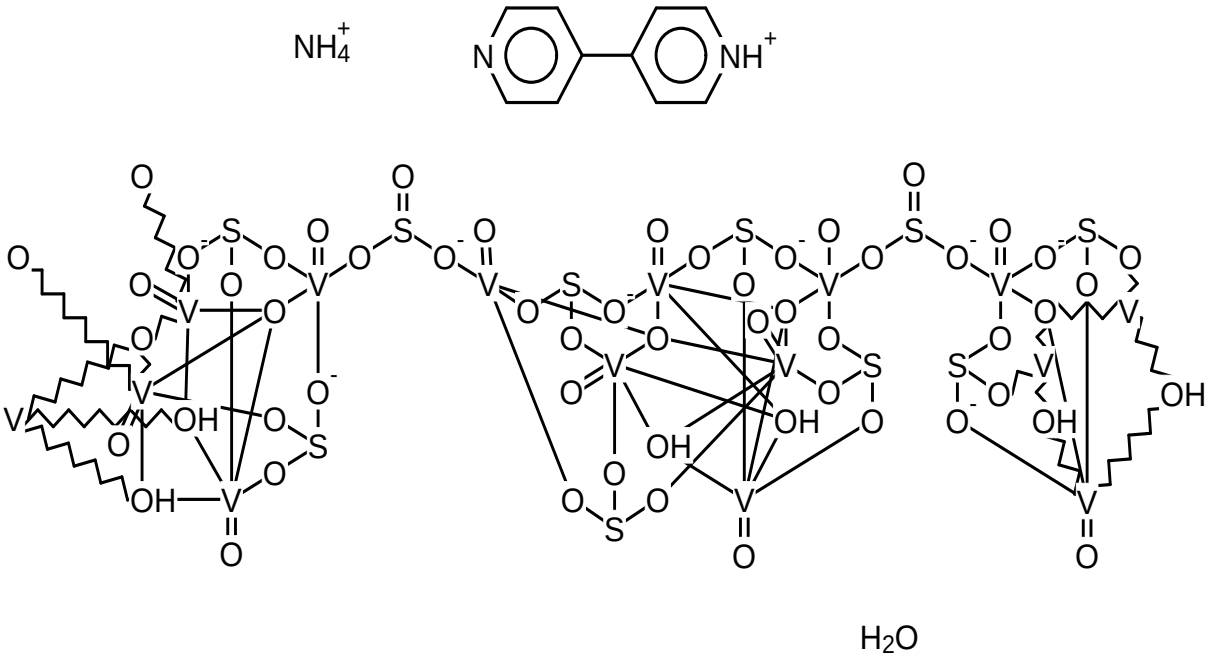
Reference: H.N.Miras, R.Raptis, P.Baran, N.Lalioti, A.Harrison, T.A.Kabanos (2005) *Comptes Rendus Chimie* ,**8,**957

Formula: $(H_4 N_1)^{1+}6n,2n(C_{10} H_9 N_2)^{1+},n(H_4 O_{50} S_{10} V_{12})^{8-},15n(H_2 O_1)$

Compound Name: catena-(Hexaammonium bis(4,4'-bipyridinium) tetrakis(μ_4-oxo)-tetrakis(μ_3-hydroxo)-octakis(μ_3-sulfito)-bis(μ_2-sulfito)-dodecaoxo-dodeca-vanadium pentadecahydrate)

Space Group:	P-1	***Cell:***	***a***	10.739(2)	***b***	11.002(2)	***c*** 18.028(4)
Space Group No.:	2	***(Å,°)***	α	86.97(0)	β	78.22(0)	γ 69.16(0)

R-Factor (%): 4.81 ***Temperature(K):*** 299 ***Density(g/cm^3):*** 2.070



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1045

JAPQIB

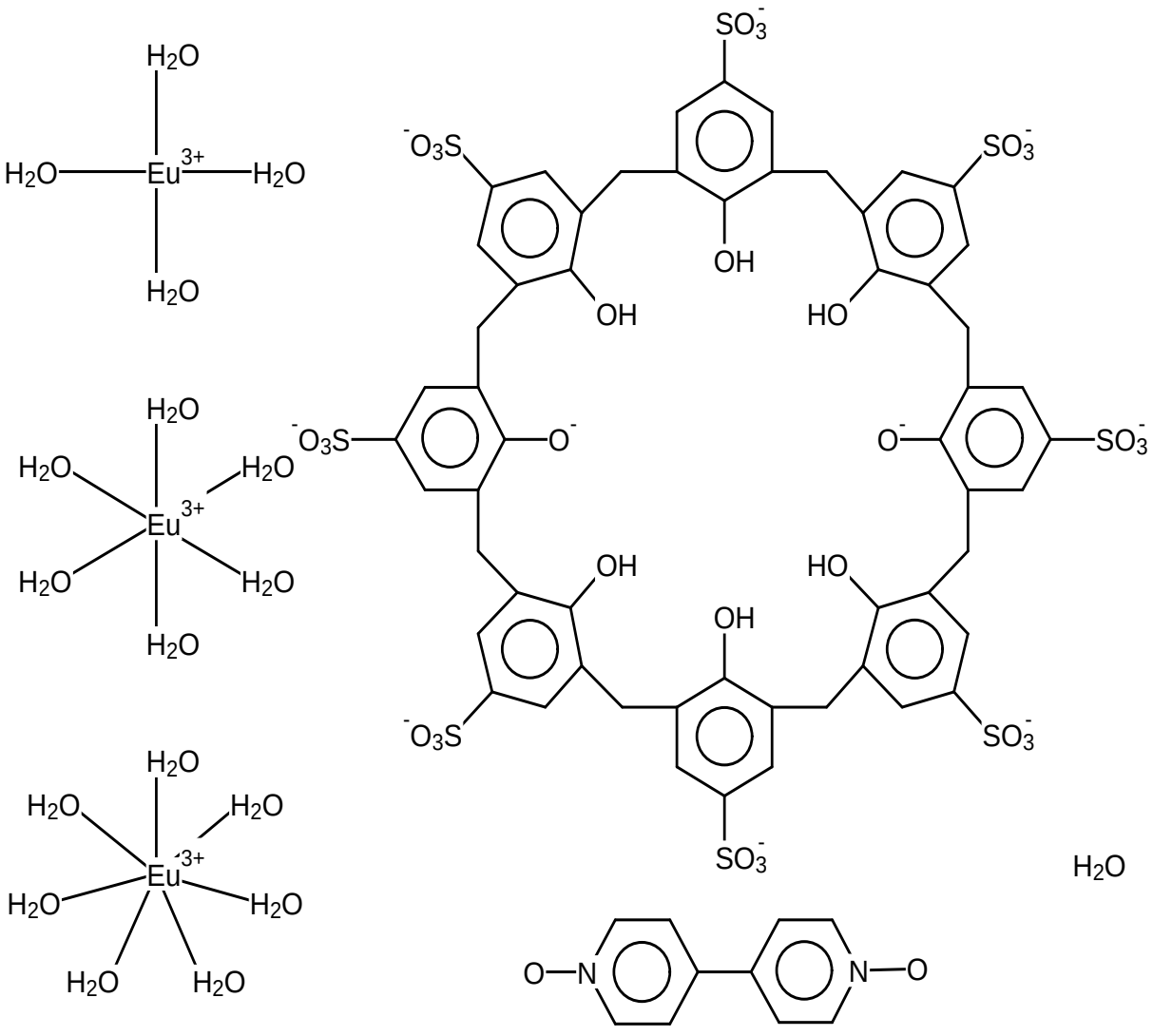
Reference: S.J.Dalgarno, M.J.Hardie, J.L.Atwood, J.E.Warren, C.L.Raston (2005) *New J.Chem. ,***29,**649

Formula: $(H_8\ Eu_1\ O_4\ ^{3+})2n,n(H_{12}\ Eu_1\ O_6\ ^{3+}),0.33n(H_{14}\ Eu_1\ O_7\ ^{3+}),n(C_{56}\ H_{38}\ O_{32}\ S_8\ ^{10-}),6n(C_1$

Compound Name: catena-(bis(Tetra-aqua-europium) hexa-aqua-europium hepta-aqua-europium 50,51,52,54,55,56-hexahydroxy-49,53-dioxycalix(8)arene-5,11,17,23,29,35,41,47-octasulfonate hexakis(4,4'-bipyridine-N,N'-dioxide) octahydrate)

Space Group:	P-1	***Cell:***	***a***	16.994(0)	***b***	22.113(1)	***c***	23.009(1)
Space Group No.:	2	***(Å,°)***	α	69.12(0)	β	69.42(0)	γ	71.42(0)

R-Factor (%): 6.99 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.600



Search: search1 (Thu May 26 10:05:42 2011): Hit 1046

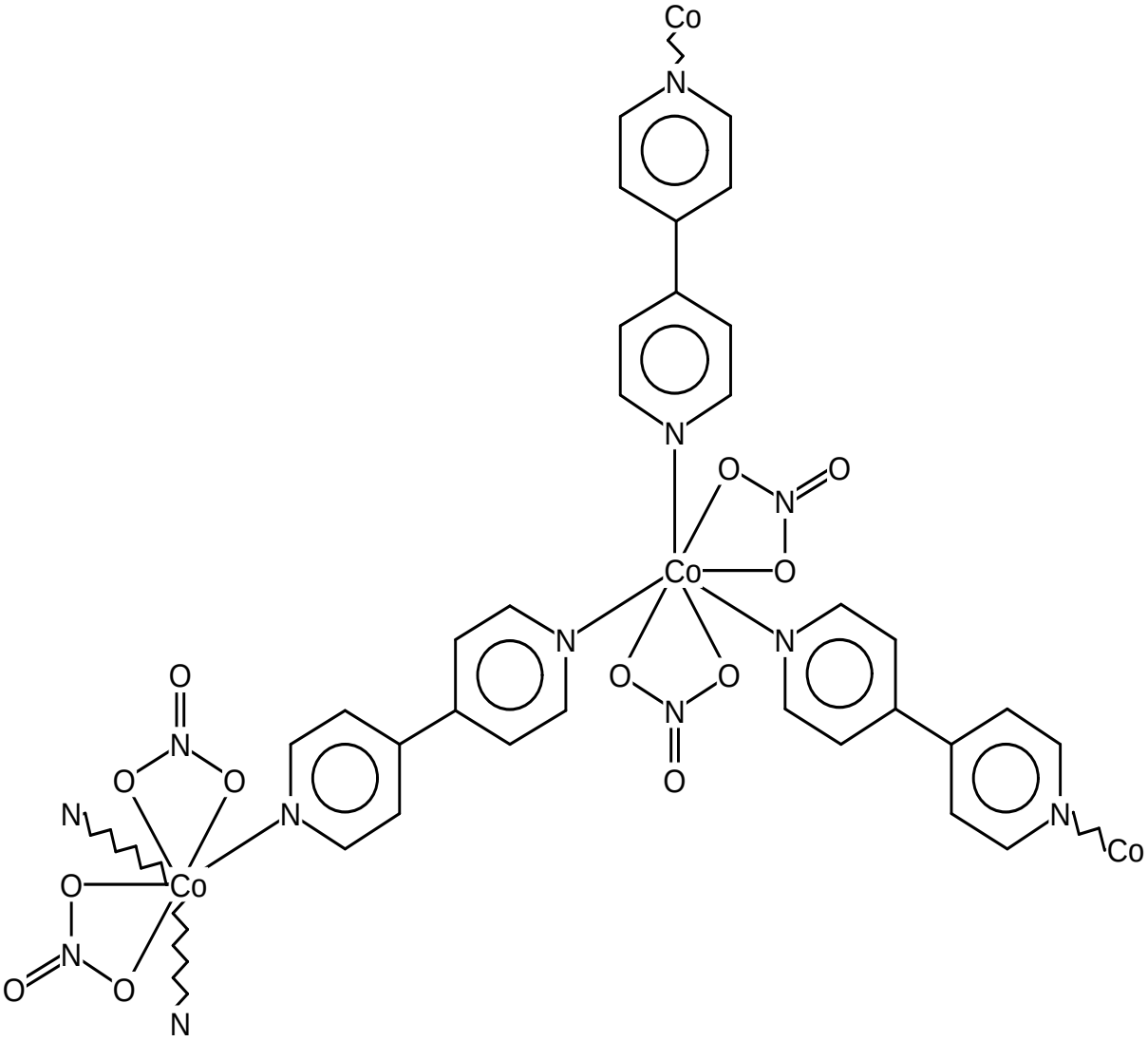
JAQVUT

Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt)

Space Group:	Ccca	***Cell:***	***a***	11.905(2)	***b***	19.325(3)	***c*** 17.425(3)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.48	***Temperature(K):***	375		***Density(g/cm^3):***		1.383



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1047

JAQWAA

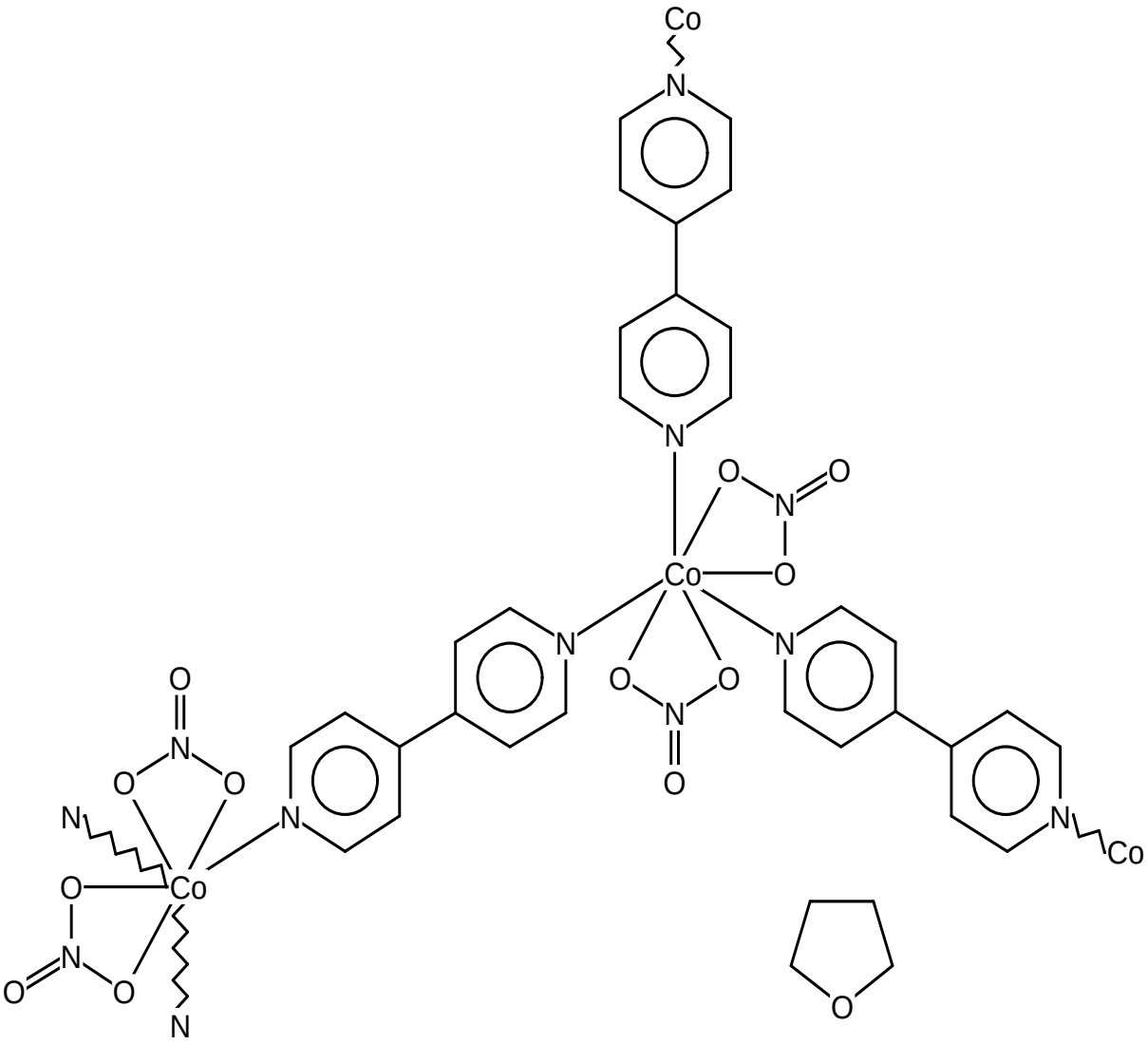
Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_4\ H_8\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt bis(tetrahydrofuran) clathrate)

Space Group:	Ccca	***Cell:***	***a***	13.116(5)	***b***	19.085(7)	***c***	17.934(7)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.44 ***Temperature(K):*** 310 ***Density(g/cm^3):*** 1.448



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1048

JASMUM

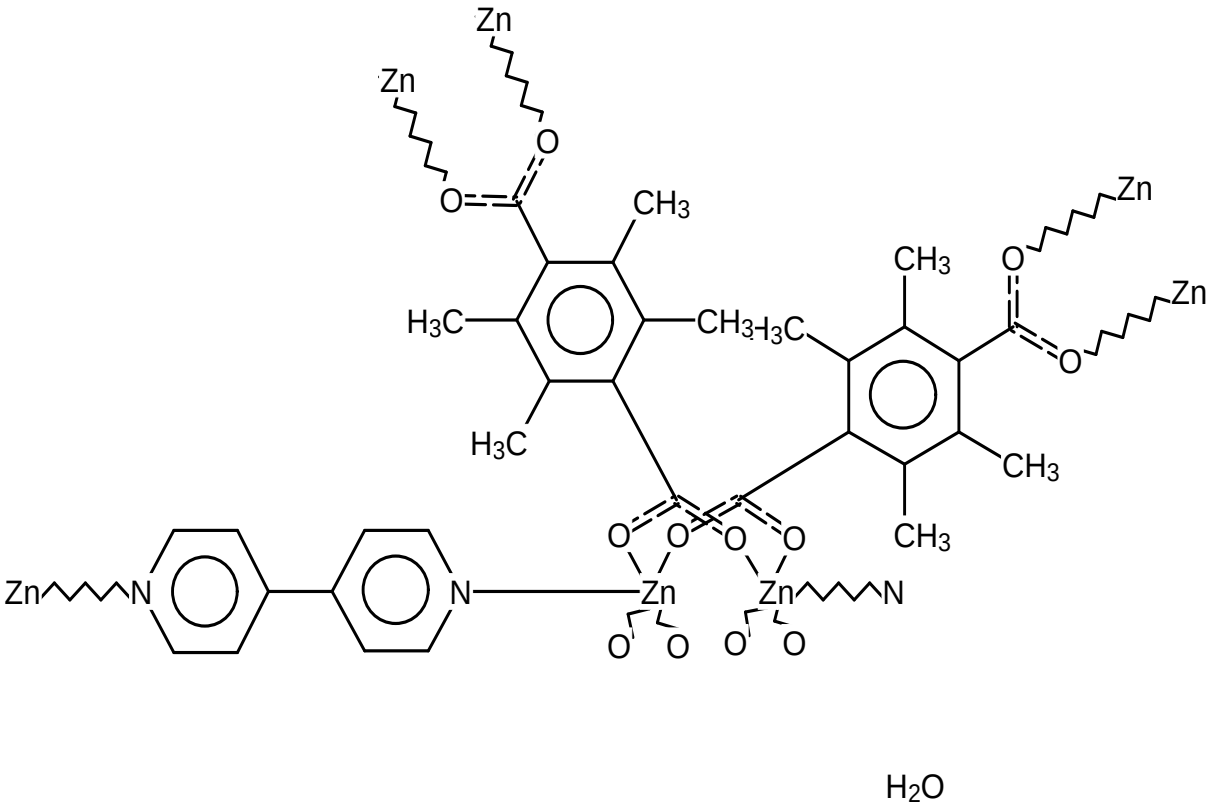
Reference: Hyungphil Chun, D.N.Dybtsev, Hyunuk Kim, Kimoon Kim (2005) *Chem.-Eur.J.* ,**11,**3521

Formula: $(C_{34}\ H_{32}\ N_2\ O_8\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-bis(μ_4-tetramethylterephthalato-O,O',O'',O''')-di-zinc dihydrate)

Space Group:	P4/mmm	***Cell:***	***a***	10.877(1)	***b***	10.877(1)	***c***	13.964(3)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.36 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.535



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1049

JASNAT

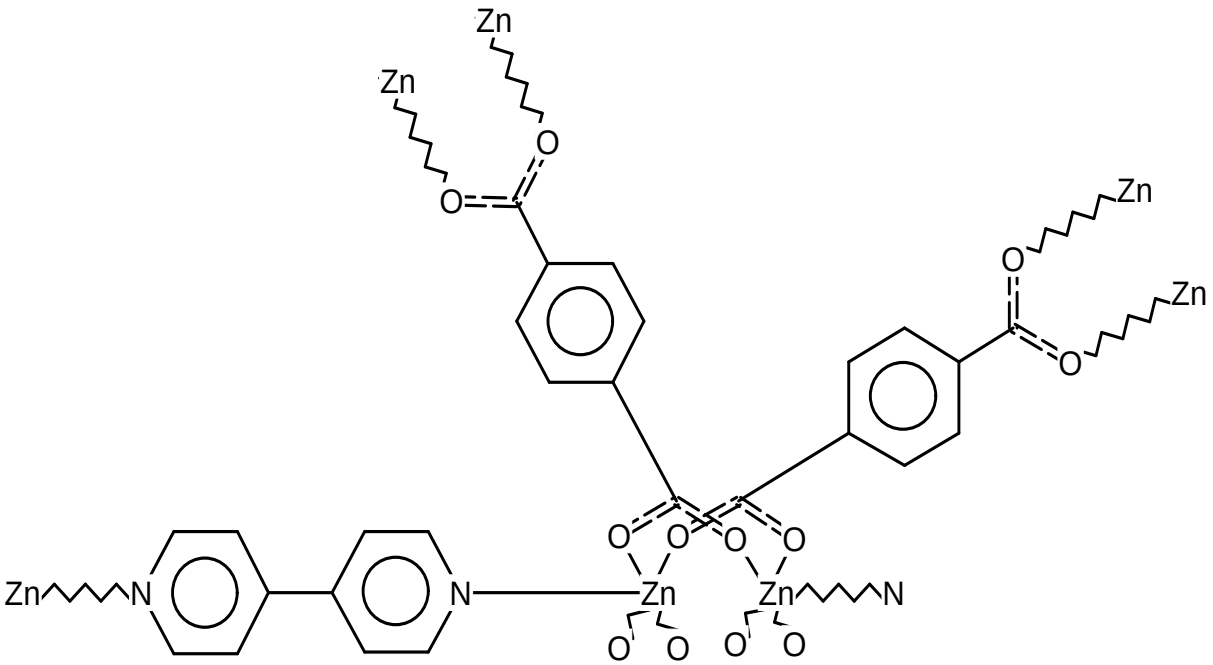
Reference: Hyungphil Chun, D.N.Dybtsev, Hyunuk Kim, Kimoon Kim (2005) *Chem.-Eur.J.* ,**11,**3521

Formula: $(C_{26}\ H_{16}\ N_2\ O_8\ Zn_2)n,n(C_8\ H_{10})$

Compound Name: catena-(bis(μ_4-1,4-Benzenedicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-zinc p-xylene solvate)

Space Group:	P-1	***Cell:***	***a***	10.883(1)	***b***	10.926(1)	***c*** 14.066(1)
Space Group No.:	2	***(Å,°)***	α	92.42(0)	β	90.10(0)	γ 101.72(0)

R-Factor (%): 7.76 ***Temperature(K):*** 243 ***Density(g/cm^3):*** 1.464



pTol—CH_3

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1050

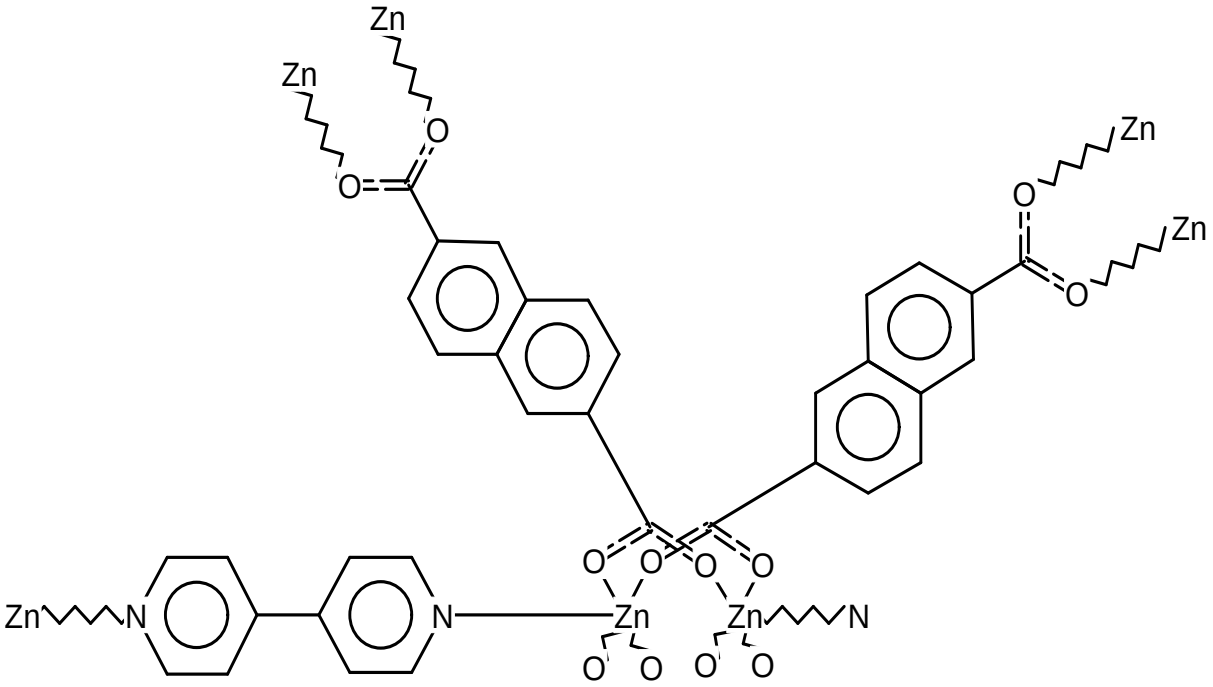
JASNEX

Reference: Hyungphil Chun, D.N.Dybtsev, Hyunuk Kim, Kimoon Kim (2005) *Chem.-Eur.J.* ,**11,**3521

Formula: $(C_{34}\ H_{20}\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_2-Naphthalene-2,6-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-zinc)

Space Group:	C2/m	***Cell:***	***a*** 10.458(3)	***b*** 19.896(7)	***c*** 7.753(2)
Space Group No.:	12	***(Å,°)***	α 90.00	β 100.07(3)	γ 90.00
R-Factor (%):	11.47	***Temperature(K):***	223	***Density(g/cm^3):***	1.496



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1051

JATBUC

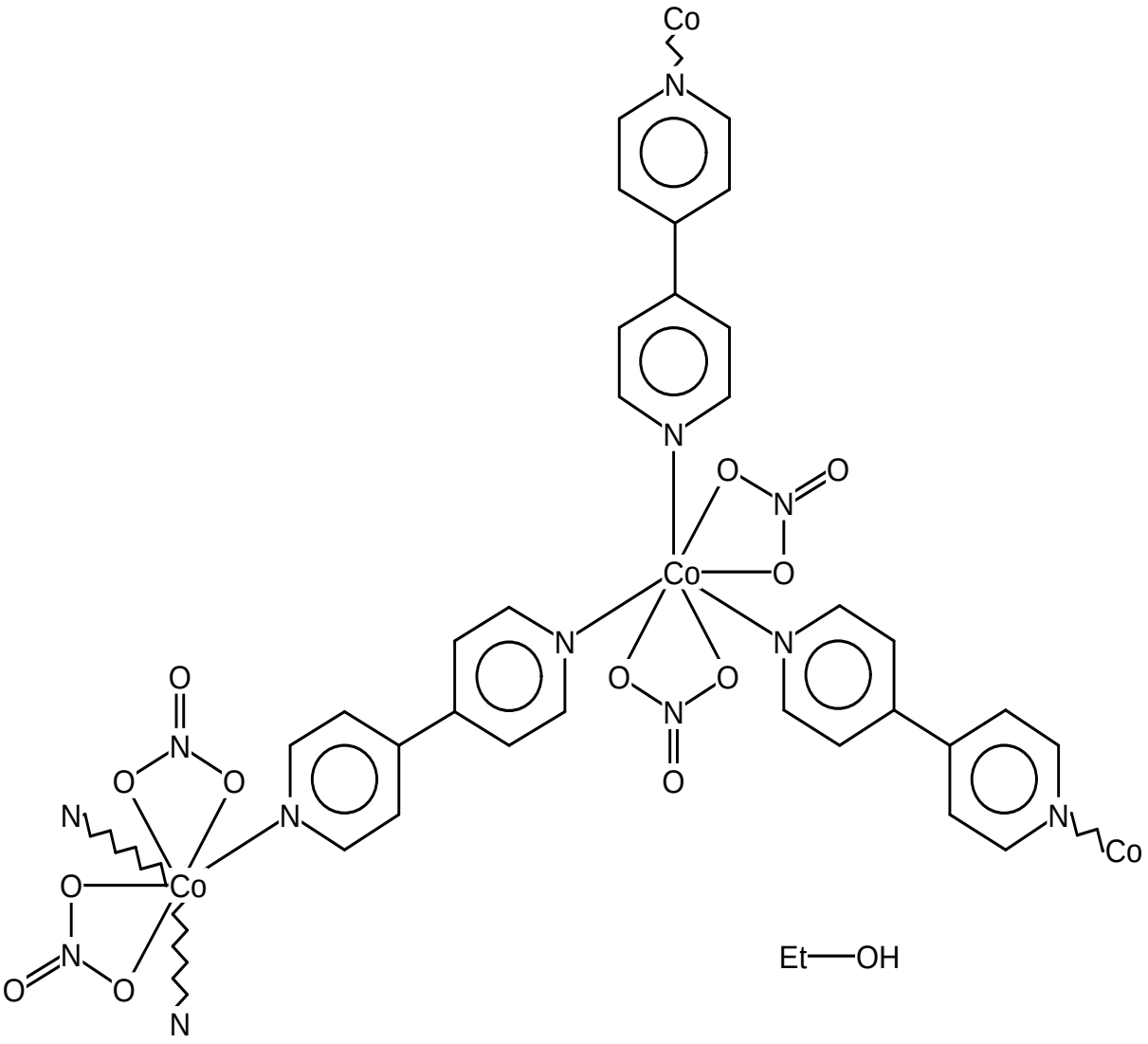
Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_2\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt bis(ethanol) clathrate)

Space Group:	Ccca	***Cell:***	***a***	12.220(4)	***b***	19.151(7)	***c***	17.460(6)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.506



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1052

JATCAJ

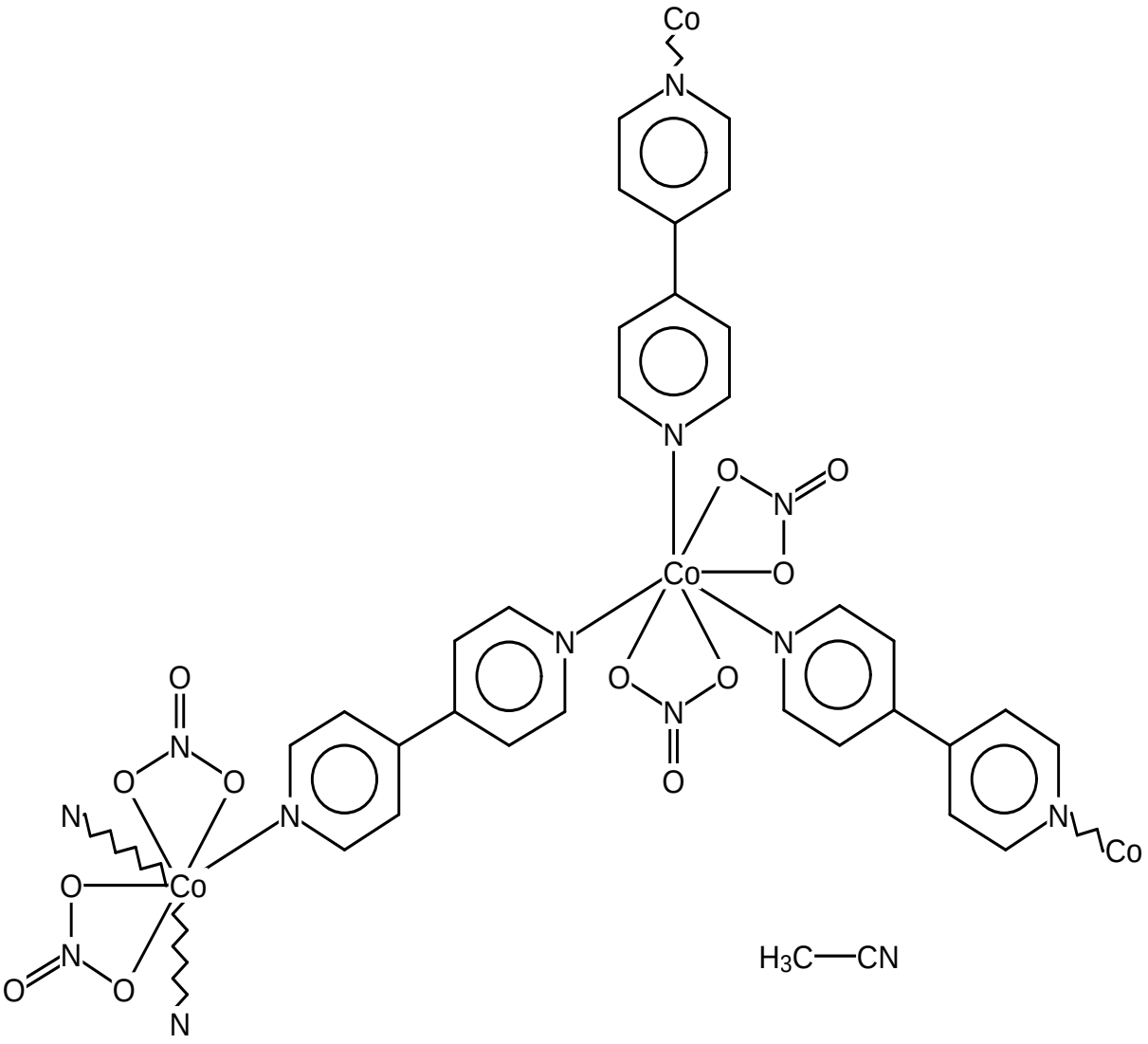
Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_2\ H_3\ N_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt bis(acetonitrile) clathrate)

Space Group:	Ccca	***Cell:***	***a***	11.984(8)	***b***	19.230(13)	***c***	17.372(12)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.14 ***Temperature(K):*** 300 ***Density(g/cm^3):*** 1.521



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1053

JATCEN

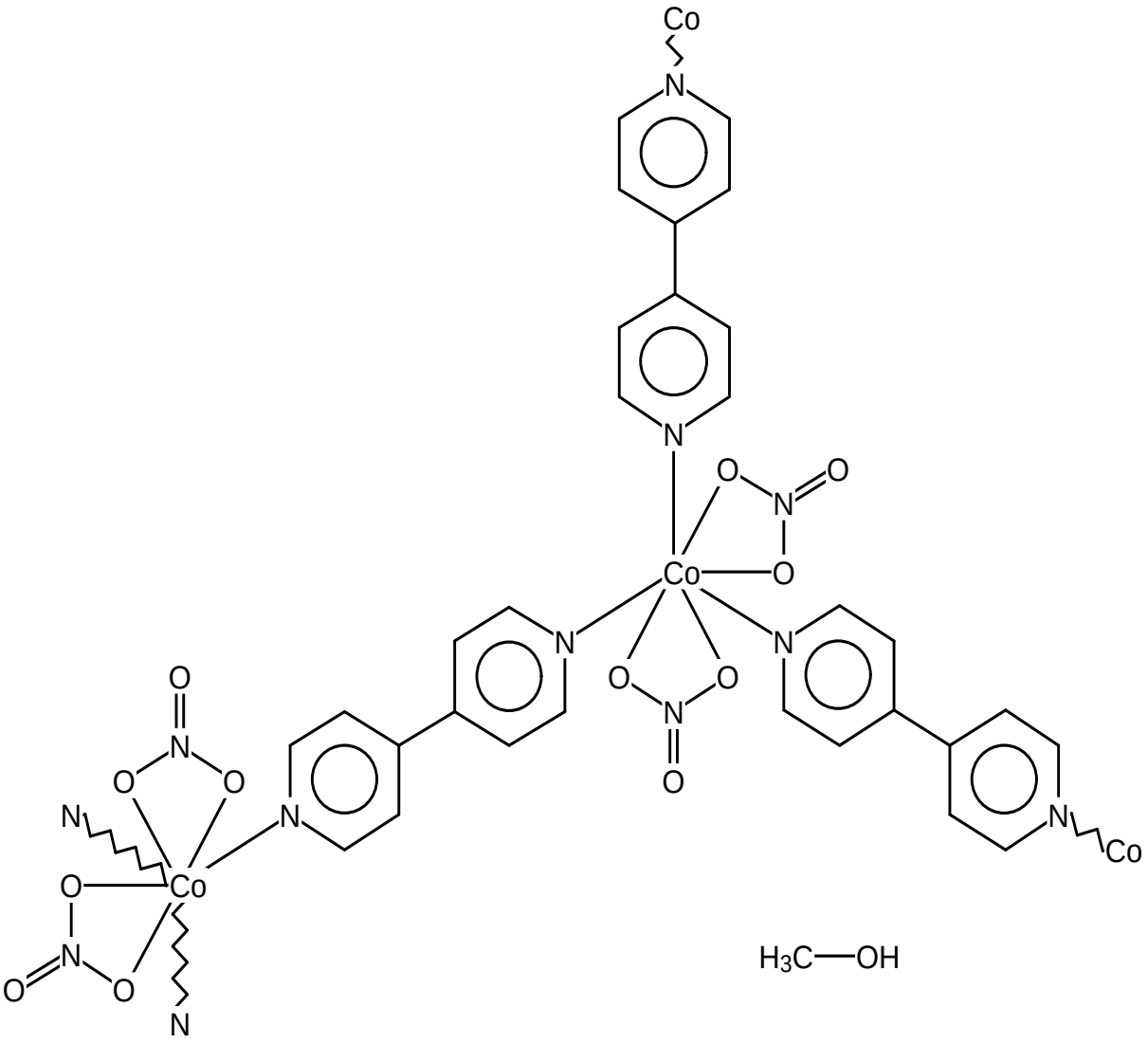
Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt bis(methanol) clathrate)

Space Group:	Ccca	***Cell:***	***a***	12.053(1)	***b***	19.227(2)	***c***	17.480(2)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.60 ***Temperature(K):*** 300 ***Density(g/cm^3):*** 1.473



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1054

JATCIR

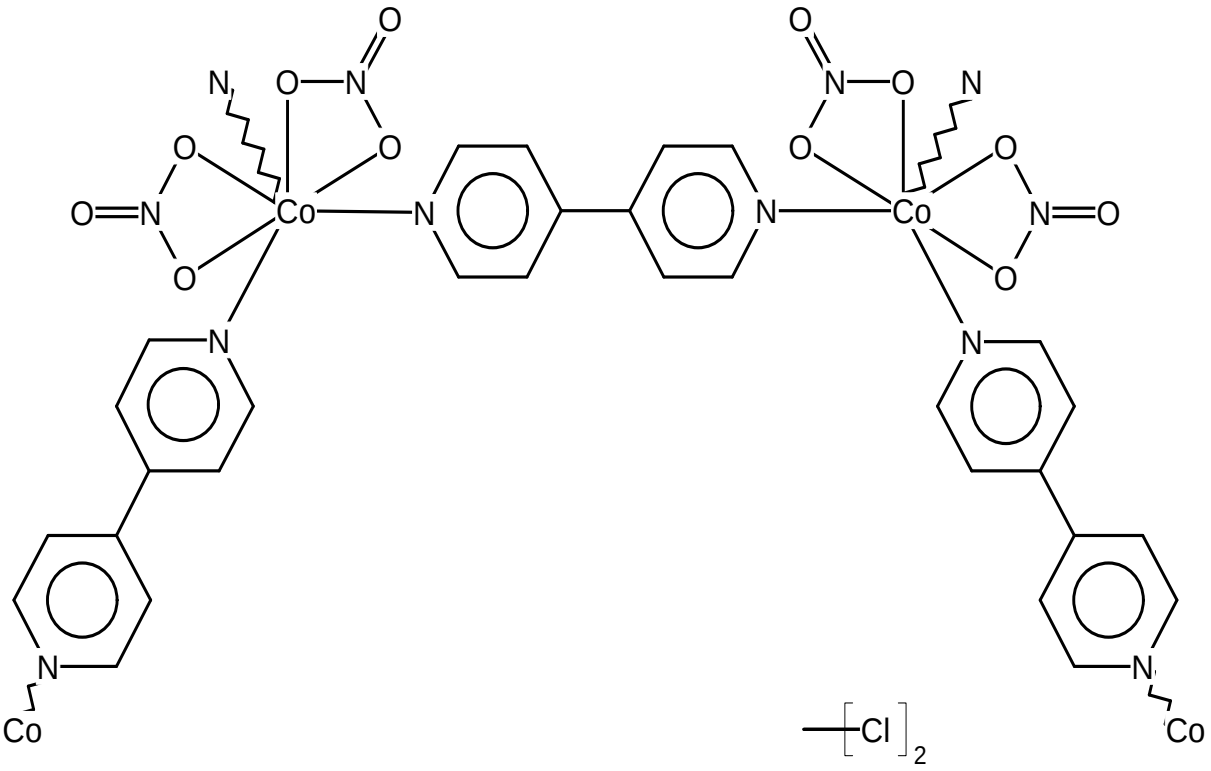
Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt bis(dichloromethane) clathrate)

Space Group:	P2/n	***Cell:***	***a***	11.372(1)	***b*** 17.486(3)	***c***	11.374(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 114.32(0)	γ	90.00

R-Factor (%): 4.55 ***Temperature(K):*** 305 ***Density(g/cm^3):*** 1.618



Search: search1 (Thu May 26 10:05:42 2011): Hit 1055

JATCOX

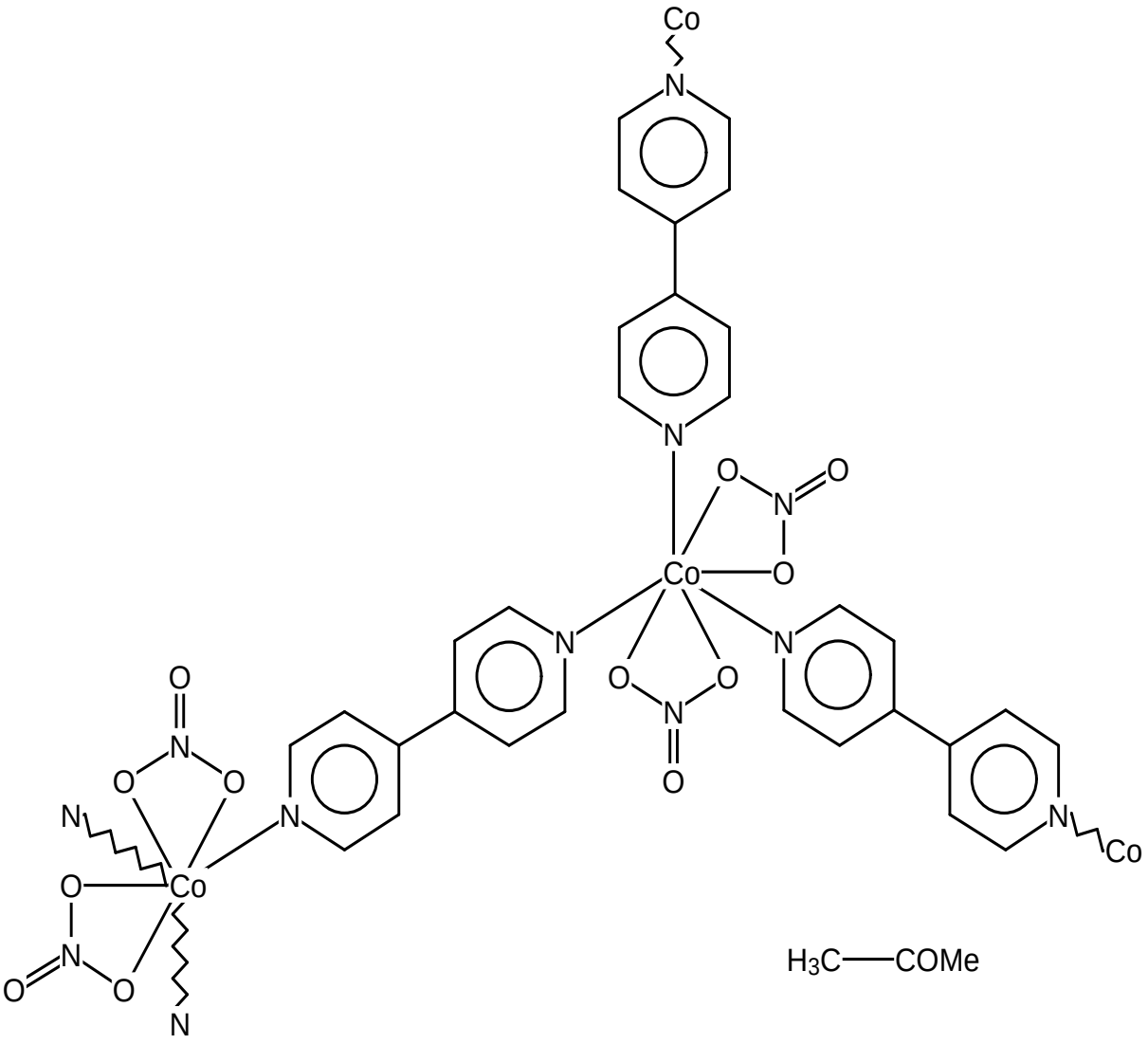
Reference: G.J.Halder, C.J.Kepert (2005) *J.Am.Chem.Soc.* ,**127,**7891

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_3\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(nitrato)-di-cobalt bis(acetone) clathrate)

Space Group:	Ccca	***Cell:***	***a***	12.699(13)	***b***	19.210(20)	***c***	17.760(20)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.83 ***Temperature(K):*** 320 ***Density(g/cm^3):*** 1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1056

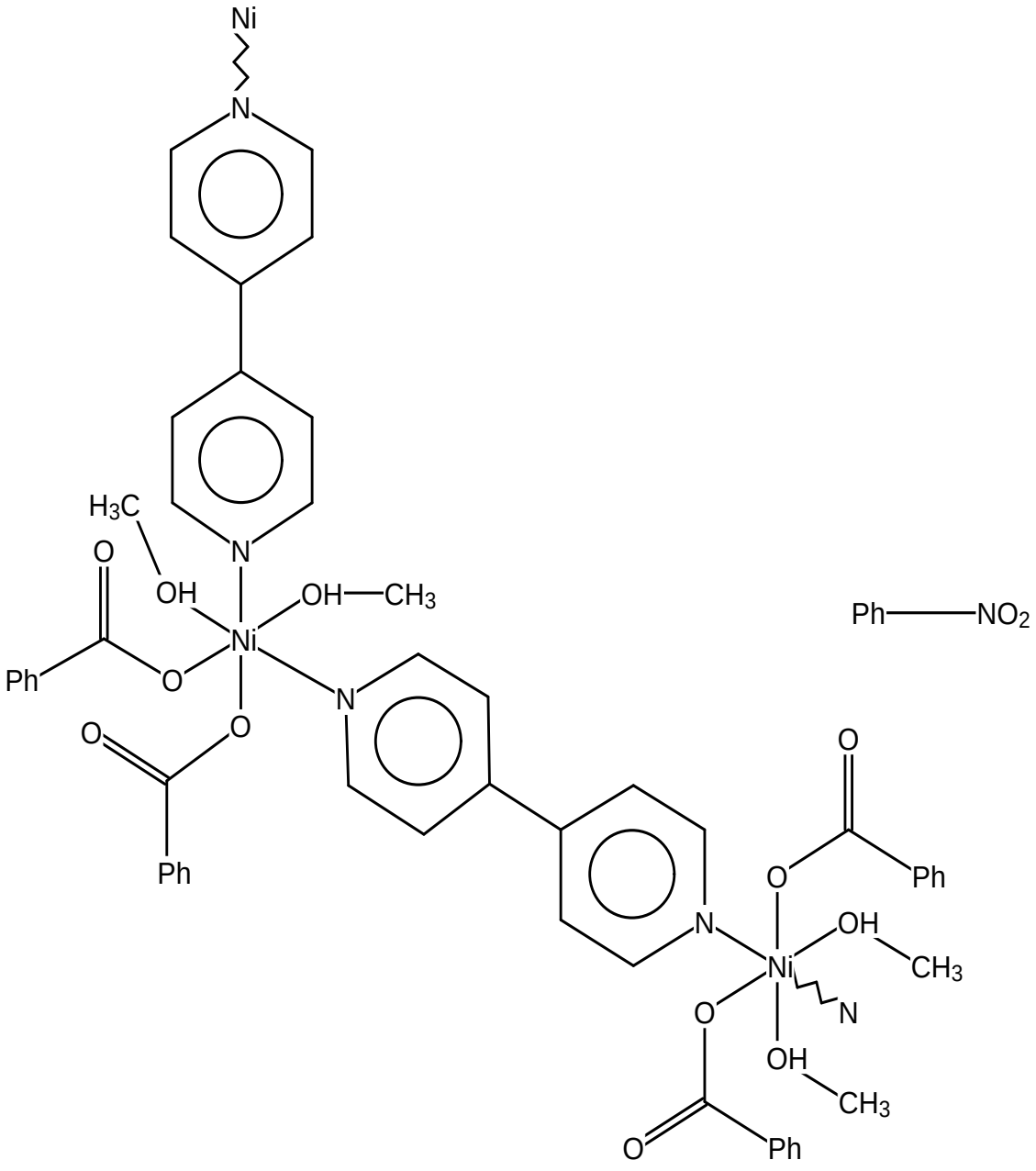
JAVNAV

Reference: K.Biradha, C.Seward, M.J.Zaworotko (1999)
*Angew.Chem.,Int.Ed. ,***38,**492

Formula: $(C_{52}\ H_{52}\ N_4\ Ni_2\ O_{12})n,2n(C_6\ H_5\ N_1\ O_2)$

Compound Name: catena(bis(μ_2-4,4-Bipyridine)-tetrabenzoato-tetrakis(methanol)-di-nickel bis(nitrobenzene) clathrate)

Space Group:	P43212	***Cell:***	***a***	14.989(0)	***b***	14.989(0)	***c***	27.913(2)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.22	***Temperature(K):***	178		***Density(g/cm^3):***	1.365		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1057

JAVPEB

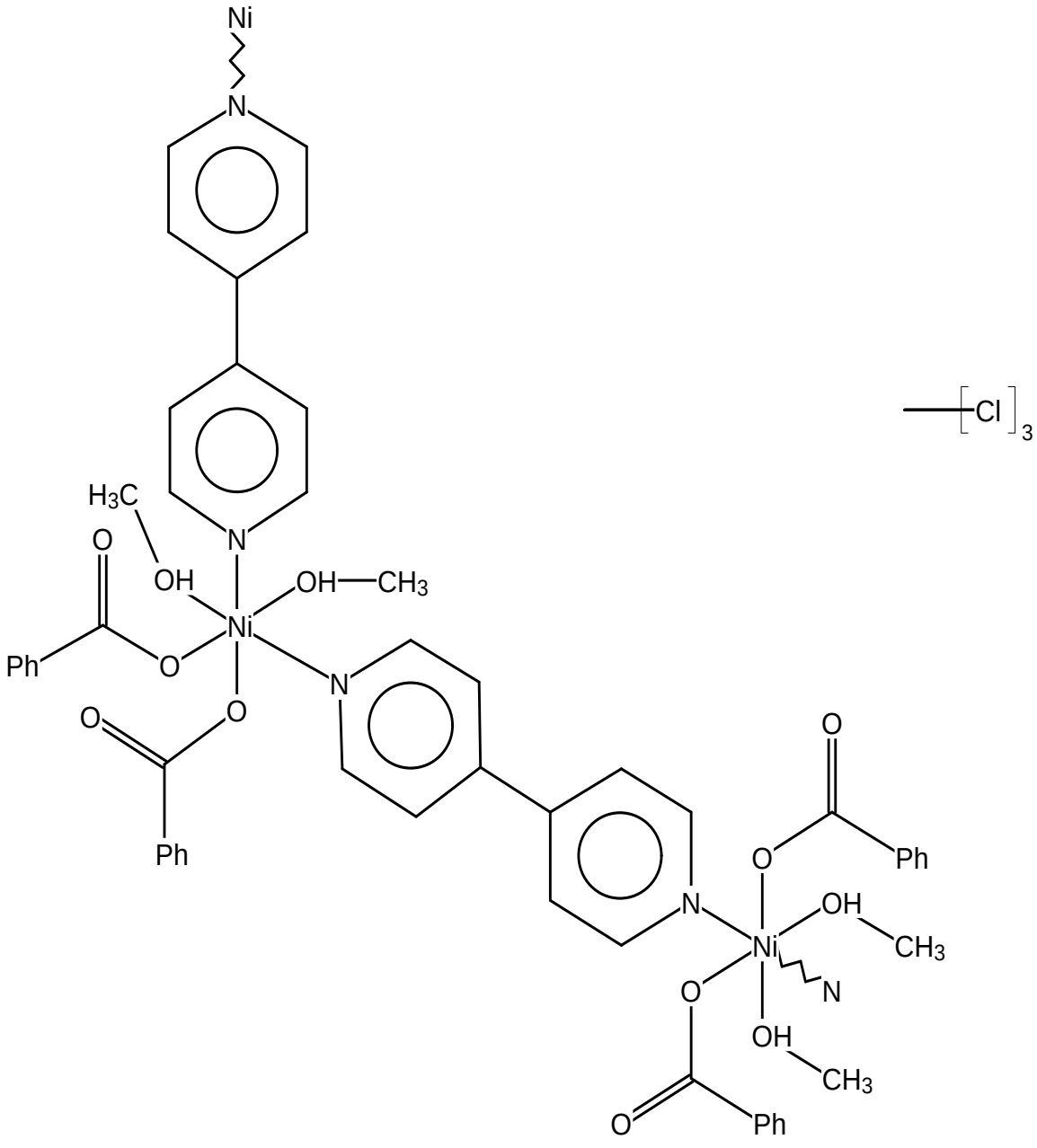
Reference: K.Biradha, C.Seward, M.J.Zaworotko (1999)
*Angew.Chem.,Int.Ed. ,***38,**492

Formula: $(C_{52}\ H_{52}\ N_4\ Ni_2\ O_{12})n,2n(C_1\ H_1\ Cl_3)$

Compound Name: catena(bis(μ_2-4,4'-Bipyridine)-tetrabenzoato-tetrakis(methanol)-di-nickel chloroform clathrate)

Space Group:	P43212	***Cell:***	***a***	14.961(0)	***b***	14.961(0)	***c***	27.180(2)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.87 ***Temperature(K):*** 203 ***Density(g/cm^3):*** 1.399



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1058

JAXVUA

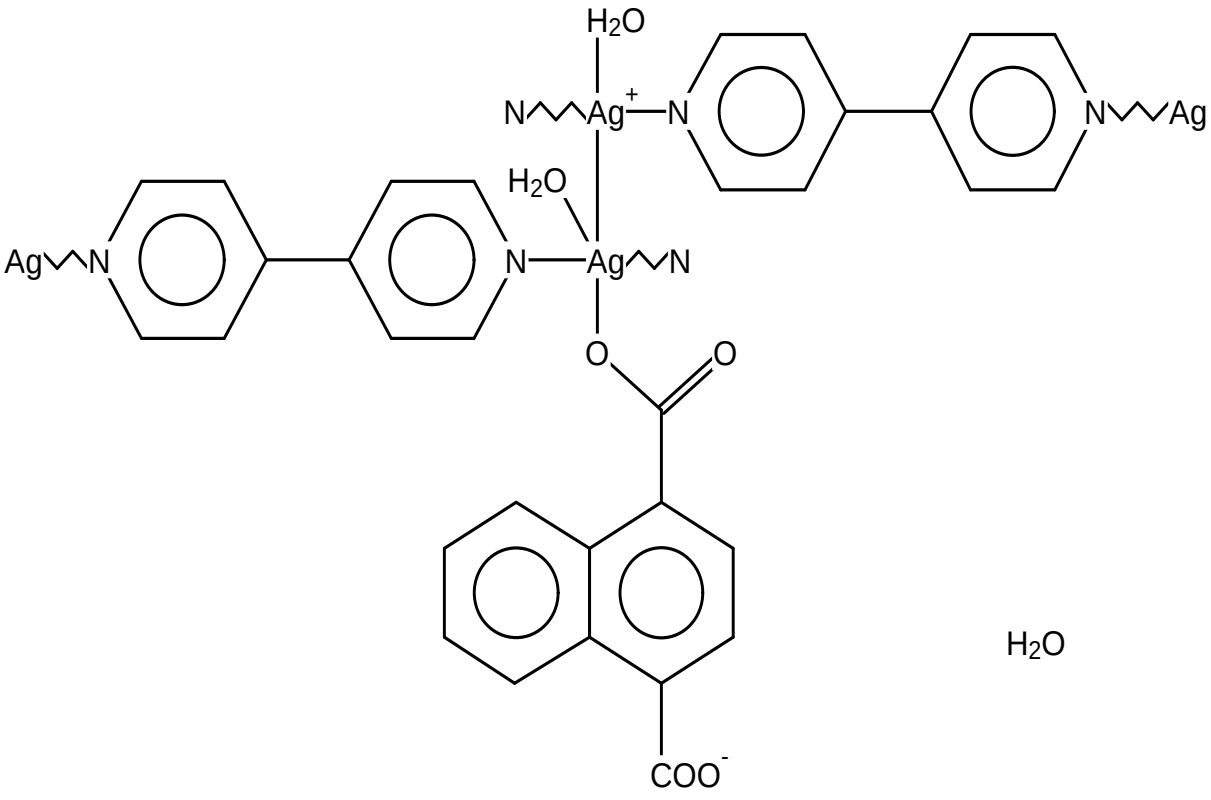
Reference: Ling Ye, Ying Wu (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1894

Formula: $(C_{32}\ H_{26}\ Ag_2\ N_4\ O_6)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(naphthalene-1,4-dicarboxylato-O)-diaqua-di-silver(i) monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.598(1)	***b*** 11.444(2)	***c***	14.018(3)
Space Group No.:	2	***(Å,°)***	α	78.50(3)	β 71.77(3)	γ	86.82(3)

R-Factor (%): 3.70 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.846



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1059

JAXWEL

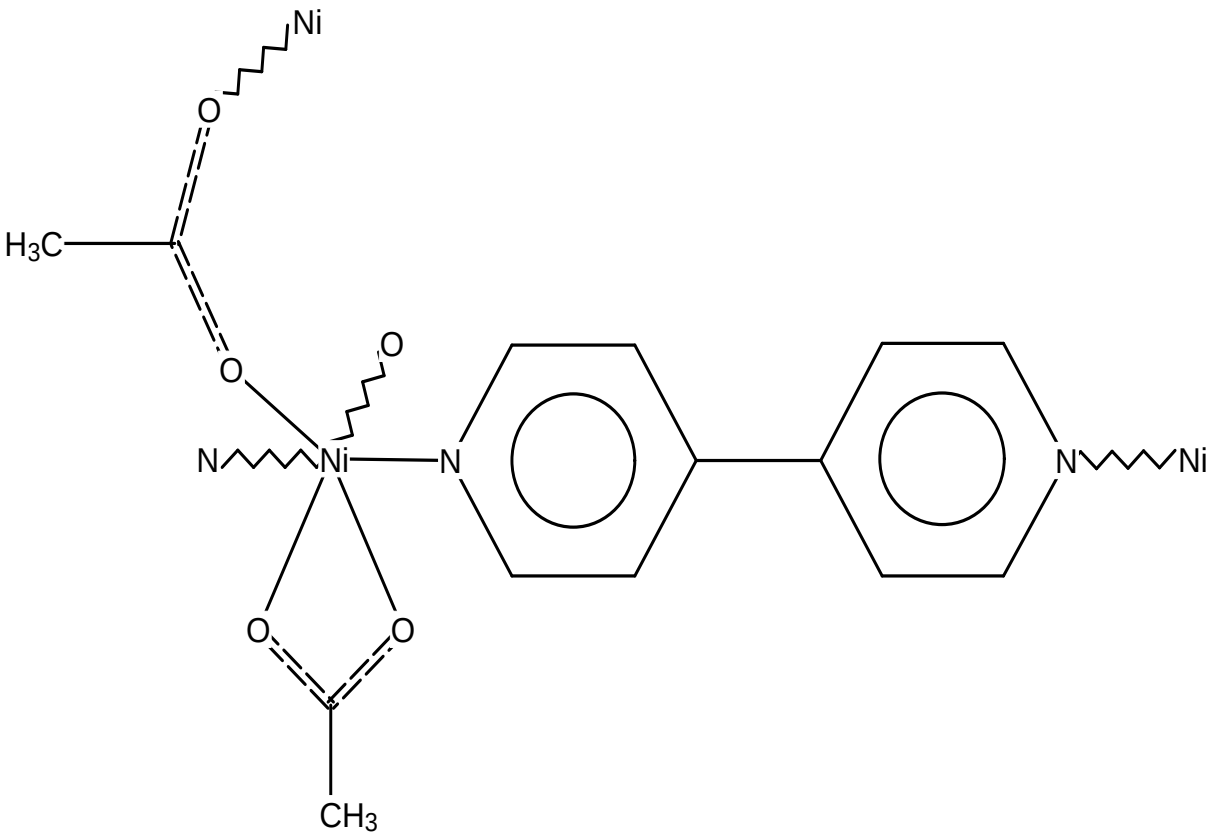
Reference: Yun-Long Fu, Zhi-Wei Xu, Jia-Lin Ren, S.W.Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1897

Formula: $(C_{14}\ H_{14}\ N_2\ Ni_1\ O_4)n$

Compound Name: catena-($(\mu_2$-Acetato-O,O')-(μ_2-4,4'-bipyridine-N,N')-(acetato-O,O')-nickel(ii))

Space Group:	Pnnm	***Cell:***	***a***	11.278(2)	***b***	11.532(2)	***c***	10.802(2)
Space Group No.:	58	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.574



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1060

JEBJIK

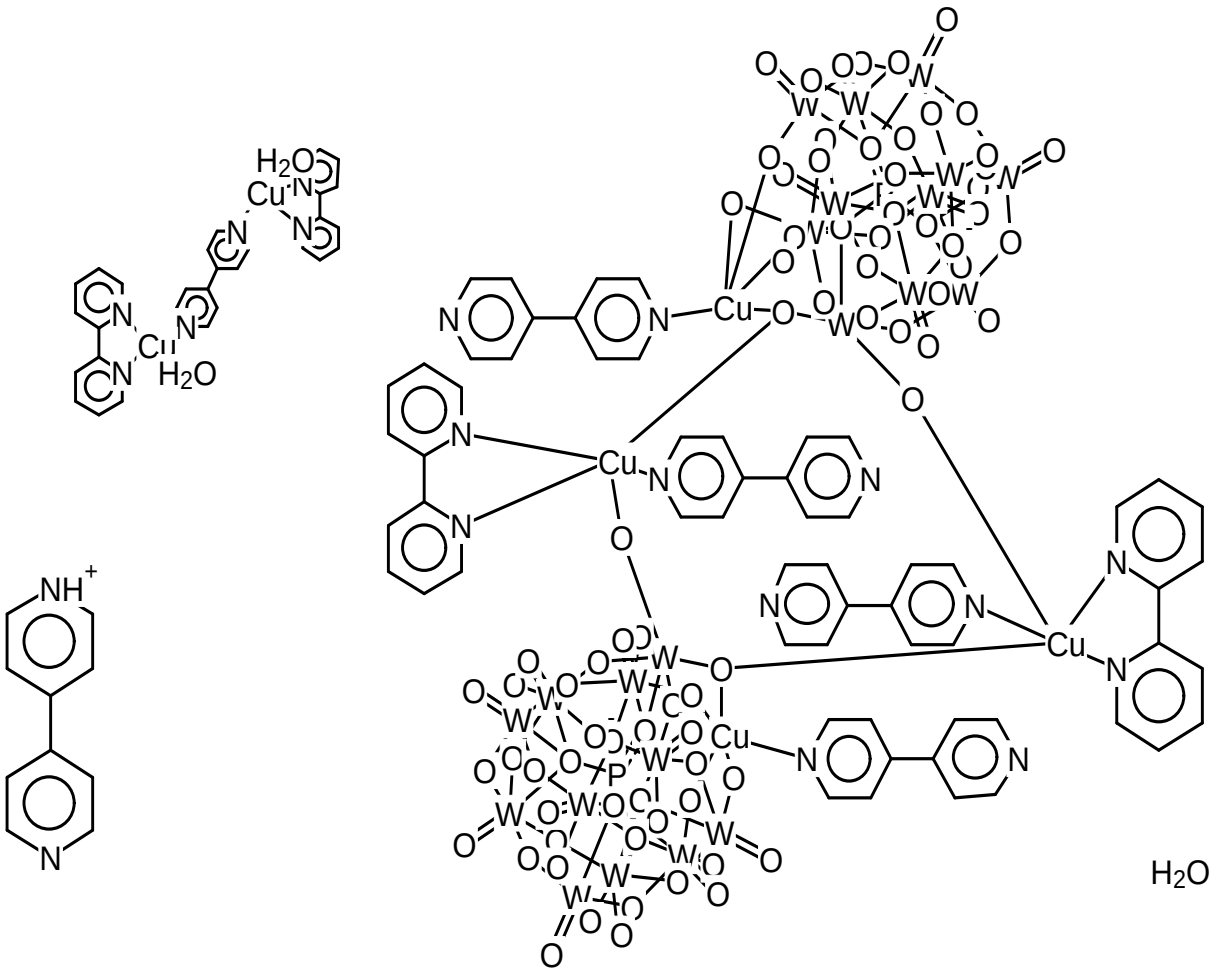
Reference: L.Lisnard, A.Dolbecq, P.Mialane, J.Marrot, E.Codjovi, F.Secheresse (2005) *Dalton Trans.* ,3913

Formula: $C_{60}\ H_{48}\ Cu_4\ N_{12}\ O_{78}\ P_2\ W_{22}\ ^{2-}$,$C_{30}\ H_{28}\ Cu_2\ N_6\ O_2$,2($C_{10}\ H_9\ N_2\ ^{1+}$),30($H_2\ O_1$)

Compound Name: bis(4,4'-bipyridinium) (μ_2-4,4'-bipyridine)-bis(μ_3-polyoxophosphatoundecatungstate)-pentakis(4,4'-bipyridine)-bis(2,2'-bipyridine)-tetra-copper (μ_2-4,4'-bipyridine)-bis(2,2'-bipyridine)-diaqua-di-copper octahydrate

Space Group:	P2/c	***Cell:***	***a***	21.588(0)	***b*** 15.858(0)	***c***	22.751(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 100.55(0)	γ	90.00

R-Factor (%): 7.57 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 3.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1061

JEBJOQ

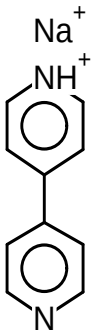
Reference: L.Lisnard, A.Dolbecq, P.Mialane, J.Marrot, E.Codjovi, F.Secheresse (2005) *Dalton Trans.* ,3913

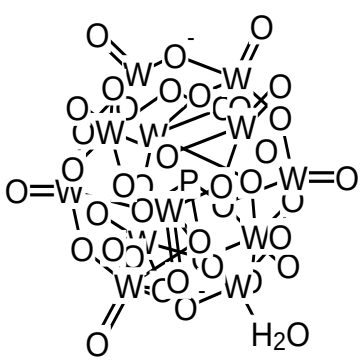
Formula: $(Na_1\ ^{1+})3n,n(C_{10}\ H_9\ N_2\ ^{1+}),n(C_{80}\ H_{80}\ Cu_8\ N_{16}\ O_8),n(H_2\ O_{40}\ P_1\ W_{12}\ ^{2-}),n(H_4\ O_{40}\ P_1\ W$

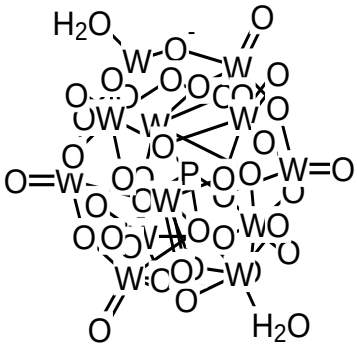
Compound Name: catena-(Trisodium (4,4'-bipyridinium) octakis(μ_2-4,4'-bipyridine)-octaaqua-octa-copper (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-aqua-undecaoxo-dodeca-tungsten (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-diaqua-decaoxo-dodeca-tungsten hydrate)

Space Group:	Pccn	***Cell:***	***a***	18.158(0)	***b***	22.262(0)	***c*** 22.309(0)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 9.68 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 3.157







H_2O

n-$Cu_8[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_8[H_2O]_8$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1062

JEDCEB

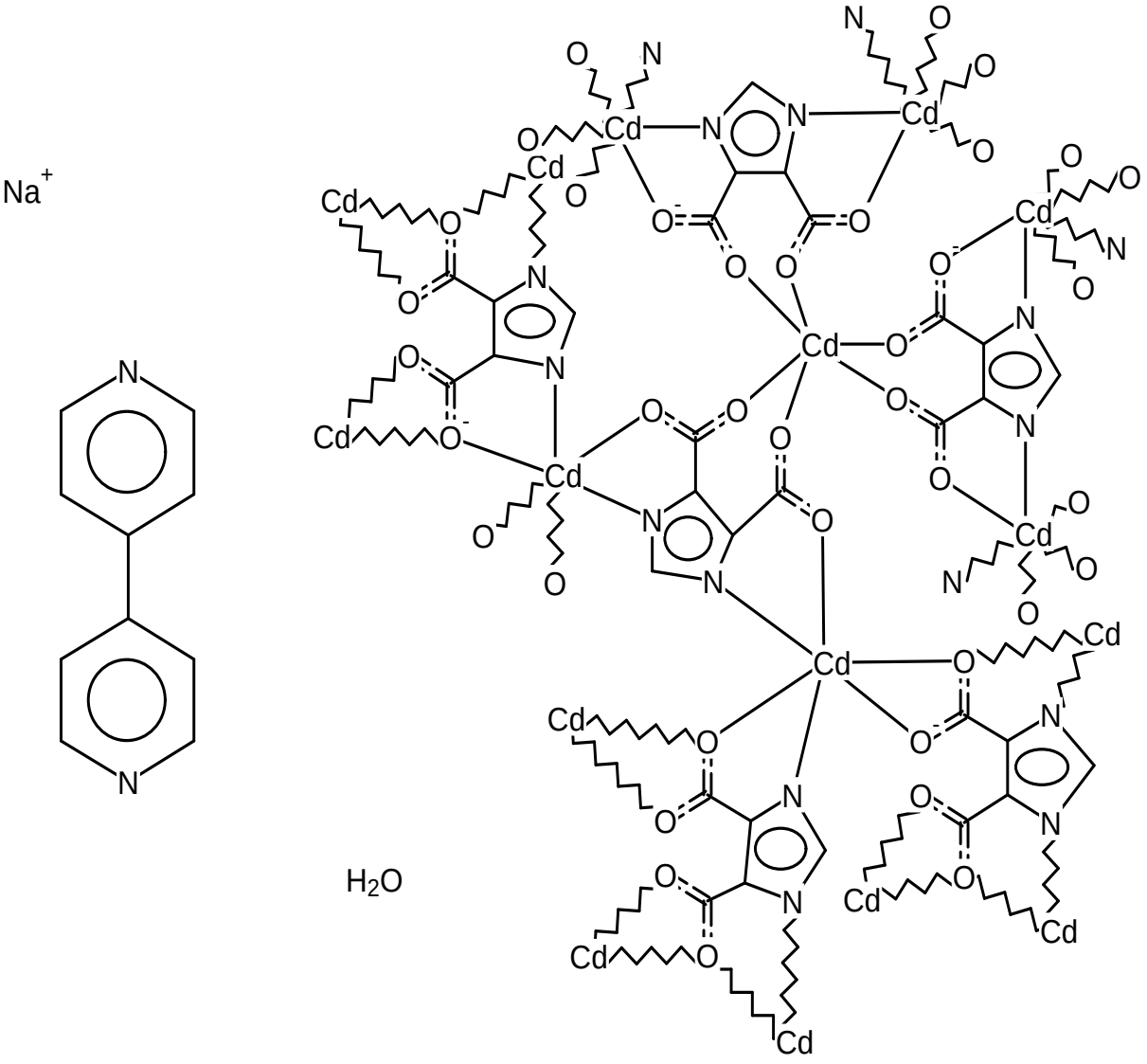
Reference: Wen-Guan Lu, Cheng-Yong Su, Tong-Bu Lu, Long Jiang, Jia-Mei Chen (2006) *J.Am.Chem.Soc. ,***128,**34

Formula: $(C_{30}\ H_6\ Cd_7\ N_{12}\ O_{24}\ ^{4-})n,4n(Na_1\ ^{1+}),3n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-[Tetra-sodium tris(μ_4-imidazole-4,5-dicarboxylato)-tris(μ_3-imidazole-4,5-dicarboxylato)-hepta-cadmium(ii) tris(4,4'-bipyridyl) clathrate heptahydrate]

Space Group:	P-62c	***Cell:***	***a***	14.217(0)	***b***	14.217(0)	***c*** 21.748(2)
Space Group No.:	190	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.087



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1063

JEHWID

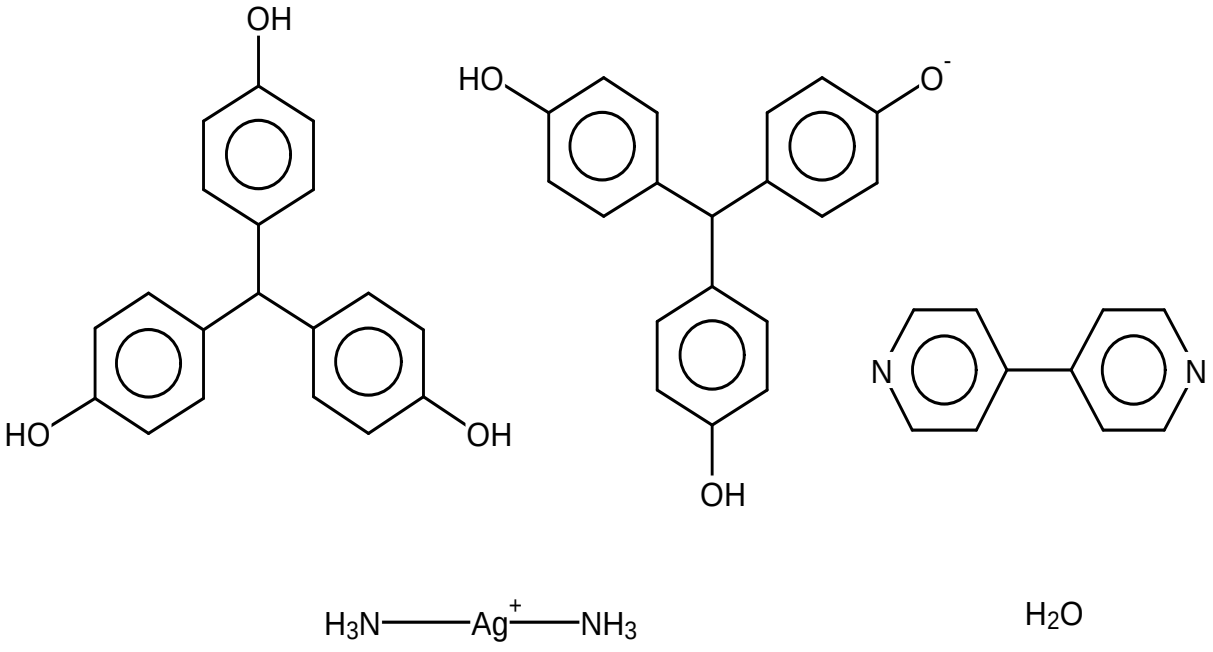
Reference: C.L.Nygren, P.Coppens (2006) *Private Communication* ,

Formula: $H_6\ Ag_1\ N_2\ ^{1+}$,$C_{19}\ H_{15}\ O_3\ ^{1-}$,$C_{19}\ H_{16}\ O_3$,$C_{10}\ H_8\ N_2$,4($H_2\ O_1$)

Compound Name: Diammine-silver tris(4-hydroxyphenyl)methane bis(4-hydroxyphenyl)(4-oxyphenyl)methane 4,4'-bipyridine tetrahydrate

Space Group:	P-1	***Cell:***	***a***	9.636(0)	***b*** 10.391(0)	***c***	11.920(0)
Space Group No.:	2	***(Å,°)***	α	83.84(0)	β 69.62(0)	γ	89.24(0)

R-Factor (%): 4.63 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.424



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1064

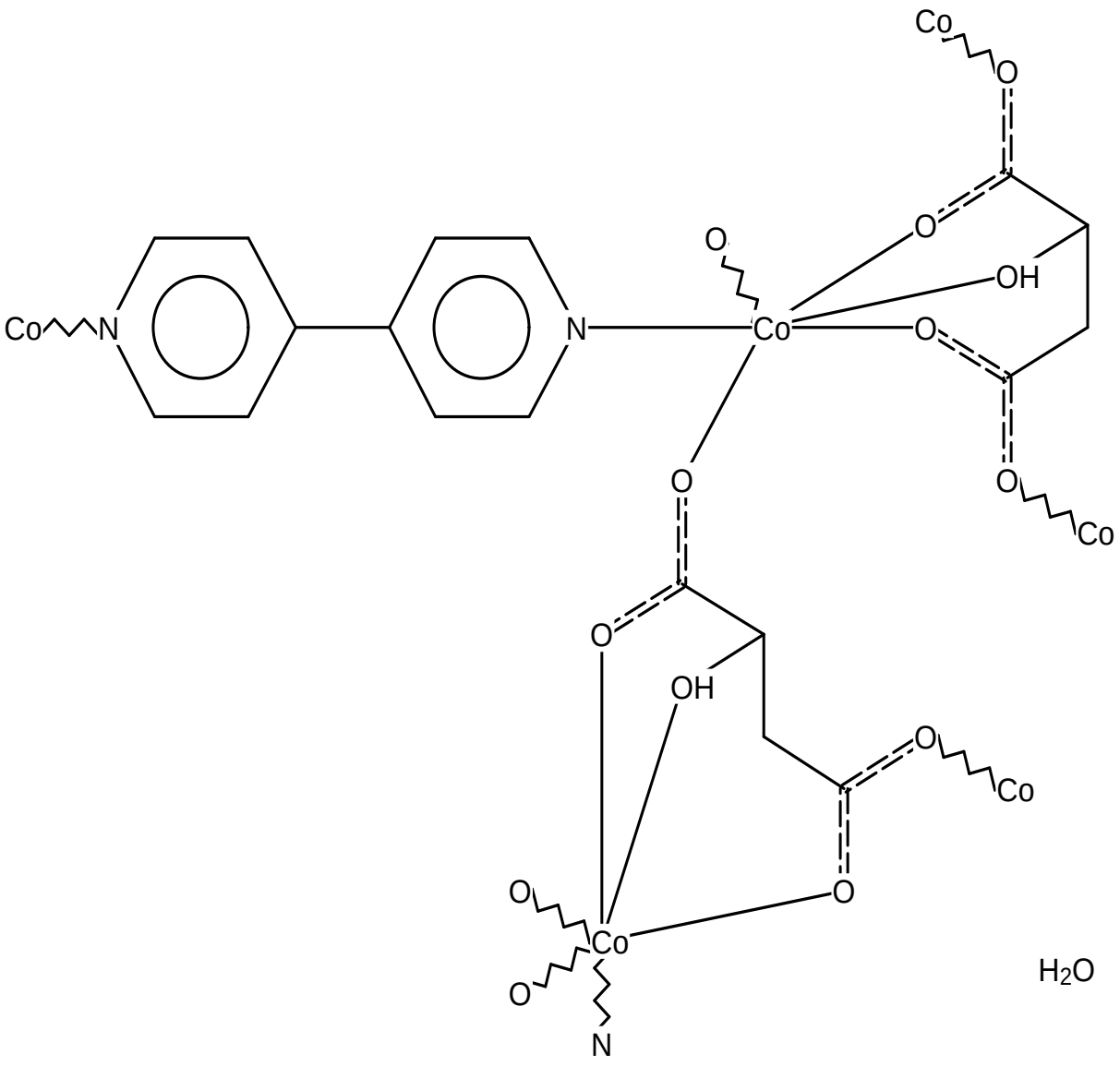
JEJKEP

Reference: Li-Mei Duan, Feng-Tong Xie, Xiao-Yan Chen, Yan Chen, Yu-Kun Lu, Peng Cheng, Ji-Qing Xu (2006) *Cryst.Growth Des. ,***6,**1101

Formula: $(C_{18}\ H_{16}\ Co_2\ N_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-2-Hydroxybutane-1,4-dioato)-(μ_2-4,4'-bipyridine)-di-cobalt(ii) dihydrate)

Space Group:	Pbcn	***Cell:***	***a***	9.358(1)	***b***	10.953(2)	***c*** 24.370(5)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.54	***Temperature(K):***	293	***Density(g/cm^3):***	1.527		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1065

JEJKIT

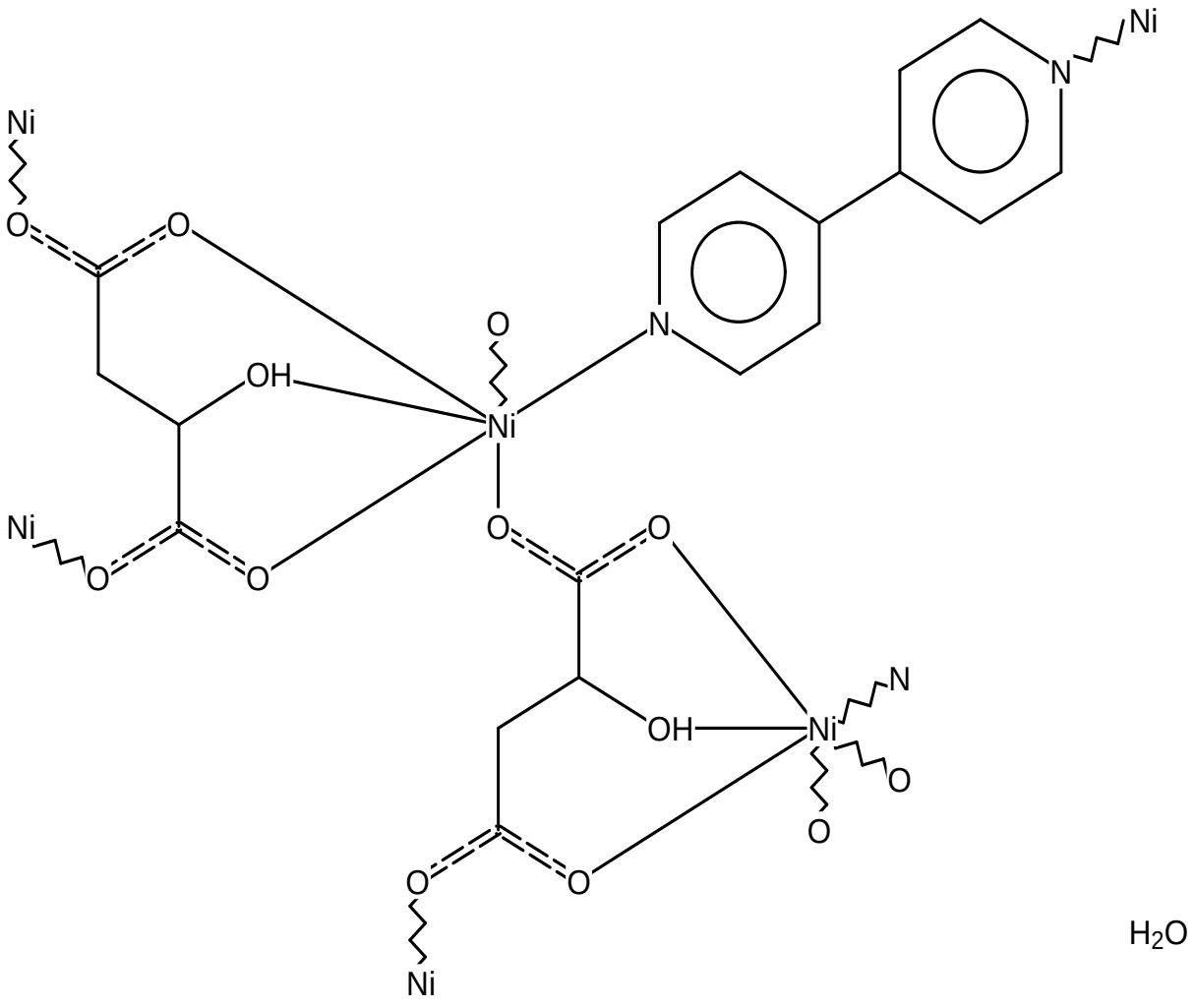
Reference: Li-Mei Duan, Feng-Tong Xie, Xiao-Yan Chen, Yan Chen, Yu-Kun Lu, Peng Cheng, Ji-Qing Xu (2006) *Cryst.Growth Des. ,***6,**1101

Formula: $(C_{18}\ H_{16}\ N_2\ Ni_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-2-Hydroxybutane-1,4-dioato)-(μ_2-4,4'-bipyridine)-di-nickel(ii) dihydrate)

Space Group:	Pbcn	***Cell:***	***a***	9.353(1)	***b***	10.917(2)	***c*** 24.175(5)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.544



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1066

JEKRUN

Reference: Bai-Quan Chen, Lei Han, Ben-Lai Wu, Ming-Yan Wu, You-Gui Huang, Mao-Chun Hong (2006) *Jiegou Huaxue(Chin.J.Struct.Chem.) ,***25,**527

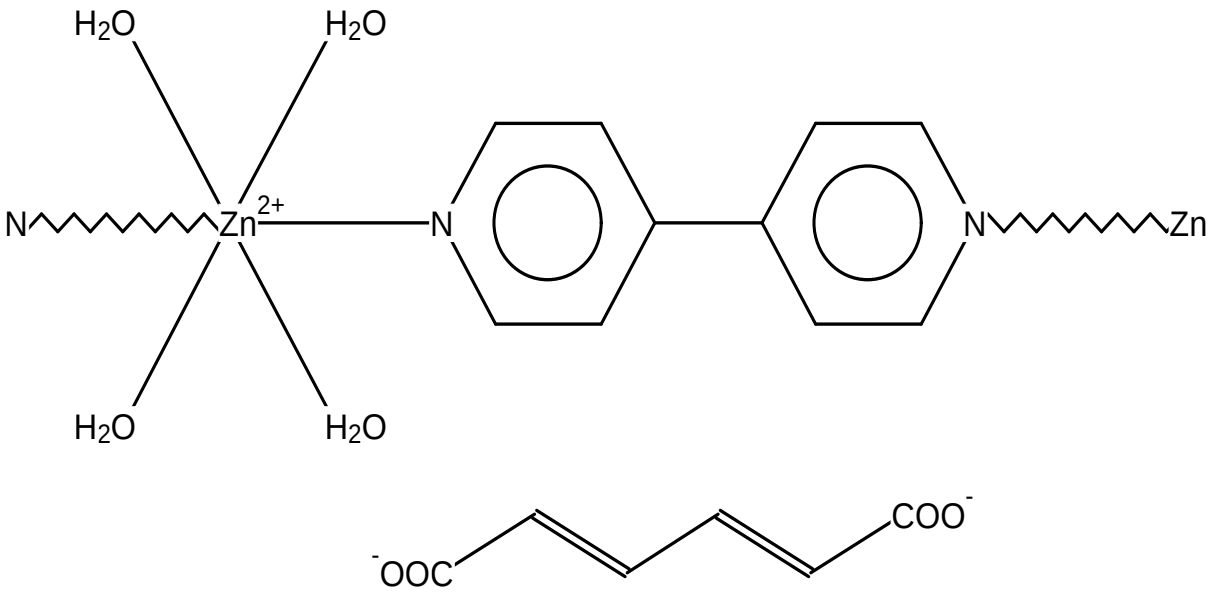
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_6\ H_4\ O_4\ ^{2-})$

Compound Name: catena-(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-zinc(ii) trans,trans-1,3-butadiene-1,4-dicarboxylate)

Synonym: catena-(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-zinc(ii) trans,trans-2,4-hexadienedioate)

Space Group:	P-1	***Cell:***	***a***	6.915(2)	***b***	7.166(2)	***c***	10.363(3)
Space Group No.:	2	***(Å,°)***	α	73.25(0)	β	84.43(0)	γ	61.61(0)

R-Factor (%): 4.86 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.667



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1067

JEKTUP

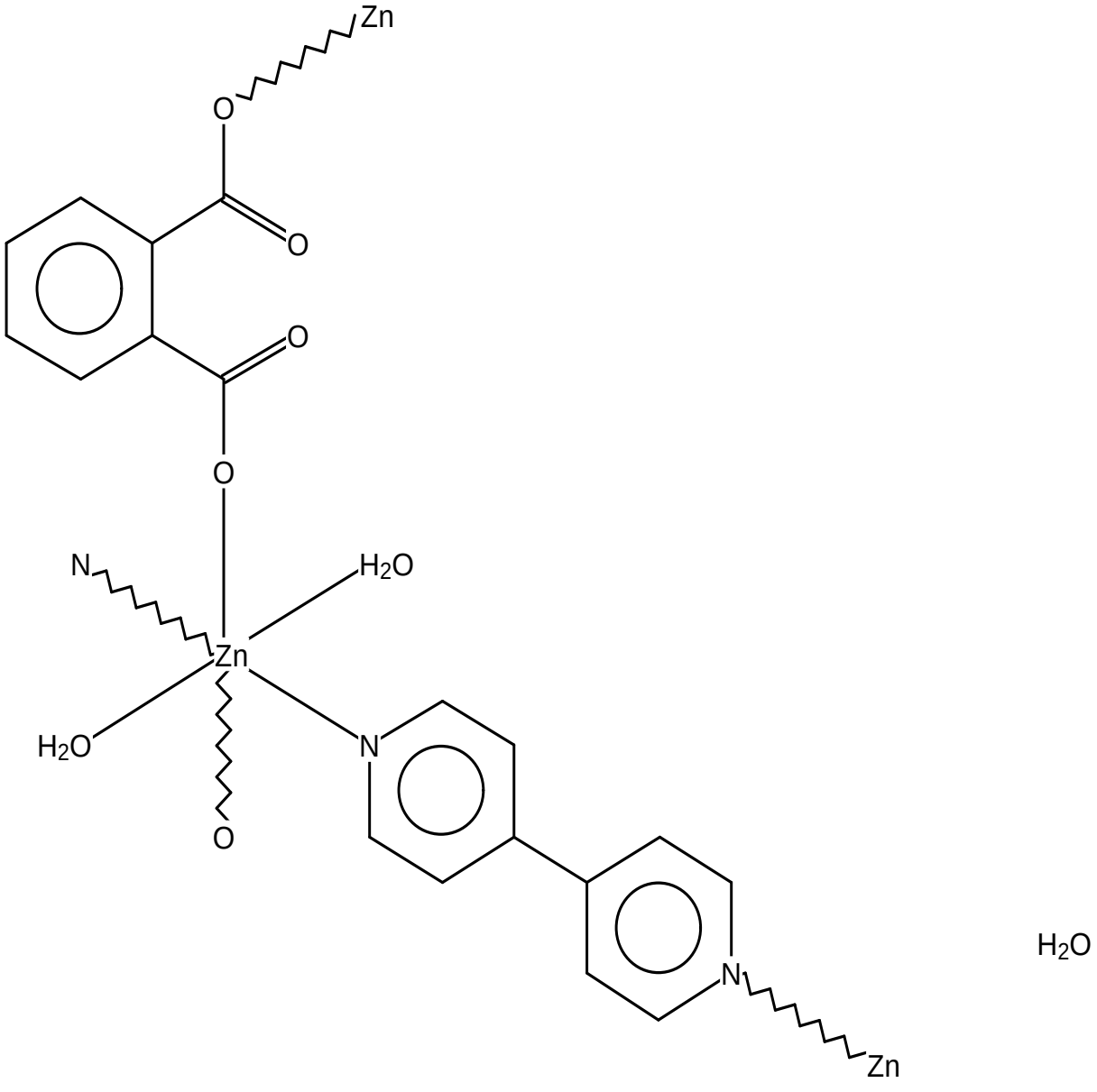
Reference: Xiu-Mei Li, Qing-Wei Wang, Yun-Cheng Cui, Chuan-Bi Li, Ren-Zhang Wang, Bo Liu (2006) *Jiegou Huaxue(Chin.J.Struct.Chem.)* , **25,**621

Formula: $(C_{18}\ H_{16}\ N_2\ O_6\ Zn_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-phthalato-O,O')-diaqua-zinc(ii) dihydrate)

Space Group:	P2/n	***Cell:***	***a***	7.635(1)	***b***	11.316(2)	***c*** 10.813(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.44(0)	γ 90.00

R-Factor (%): 3.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.629



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1068

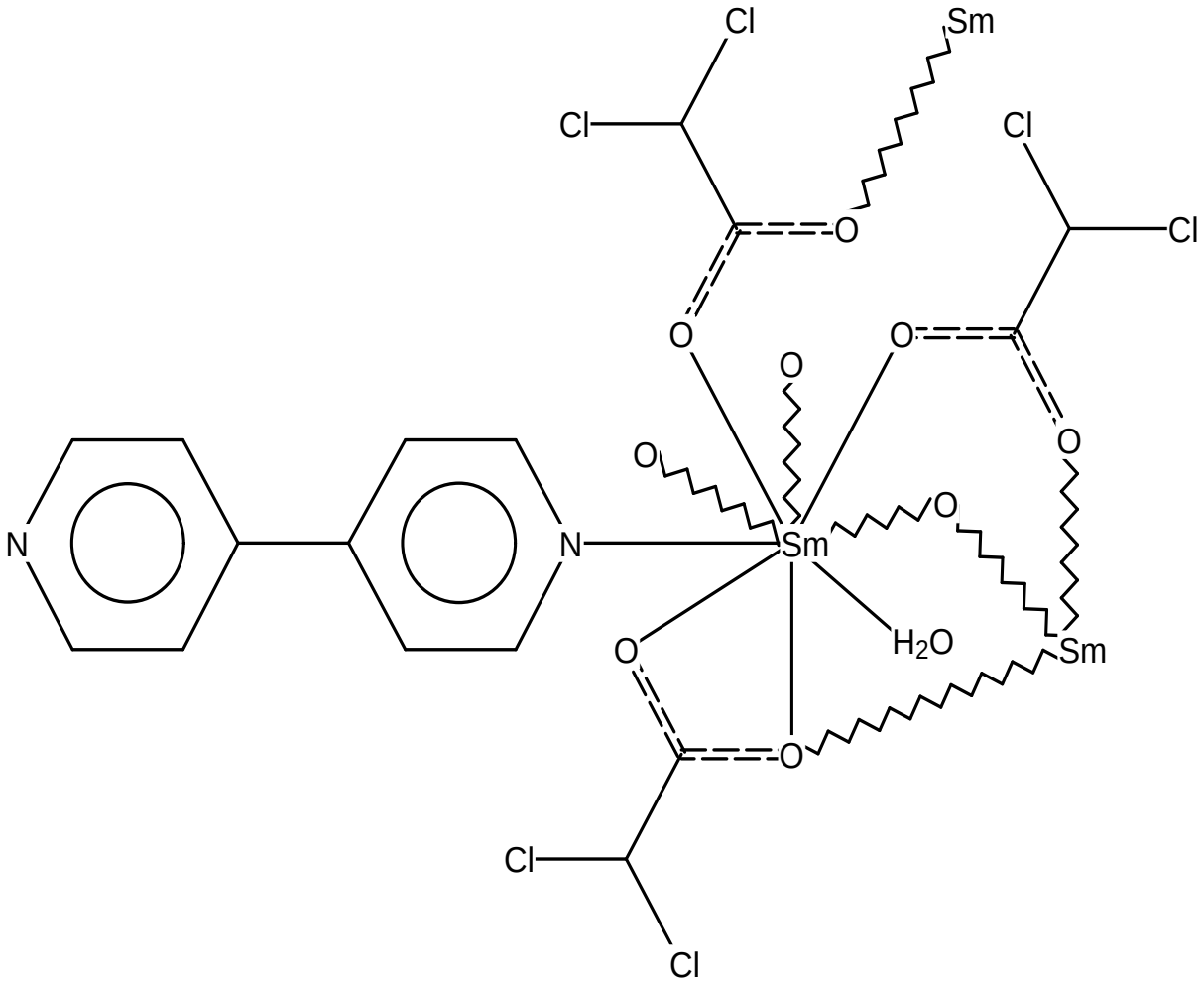
JEMCUA

Reference: R.Kruszynski, A.Czylkowska, D.Czakis-Sulikowska (2006) *J.Coord.Chem.* ,**59,**681

Formula: $(C_{16}\ H_{13}\ Cl_6\ N_2\ O_7\ Sm_1)n$

Compound Name: catena-((μ_2-2,2-Dichloroacetato-O,O,O')-bis(2,2-dichloroacetato-O,O')-aqua-(4,4'-bipyridine-N)-samarium(iii))

Space Group:	P-1	***Cell:***	***a*** 9.448(0)	***b*** 10.697(0)	***c*** 12.384(0)
Space Group No.:	2	***(Å,°)***	α 103.67(0)	β 99.85(0)	γ 93.53(0)
R-Factor (%):	2.63	***Temperature(K):***	293	***Density(g/cm^3):***	1.975



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1069

JEMNAR

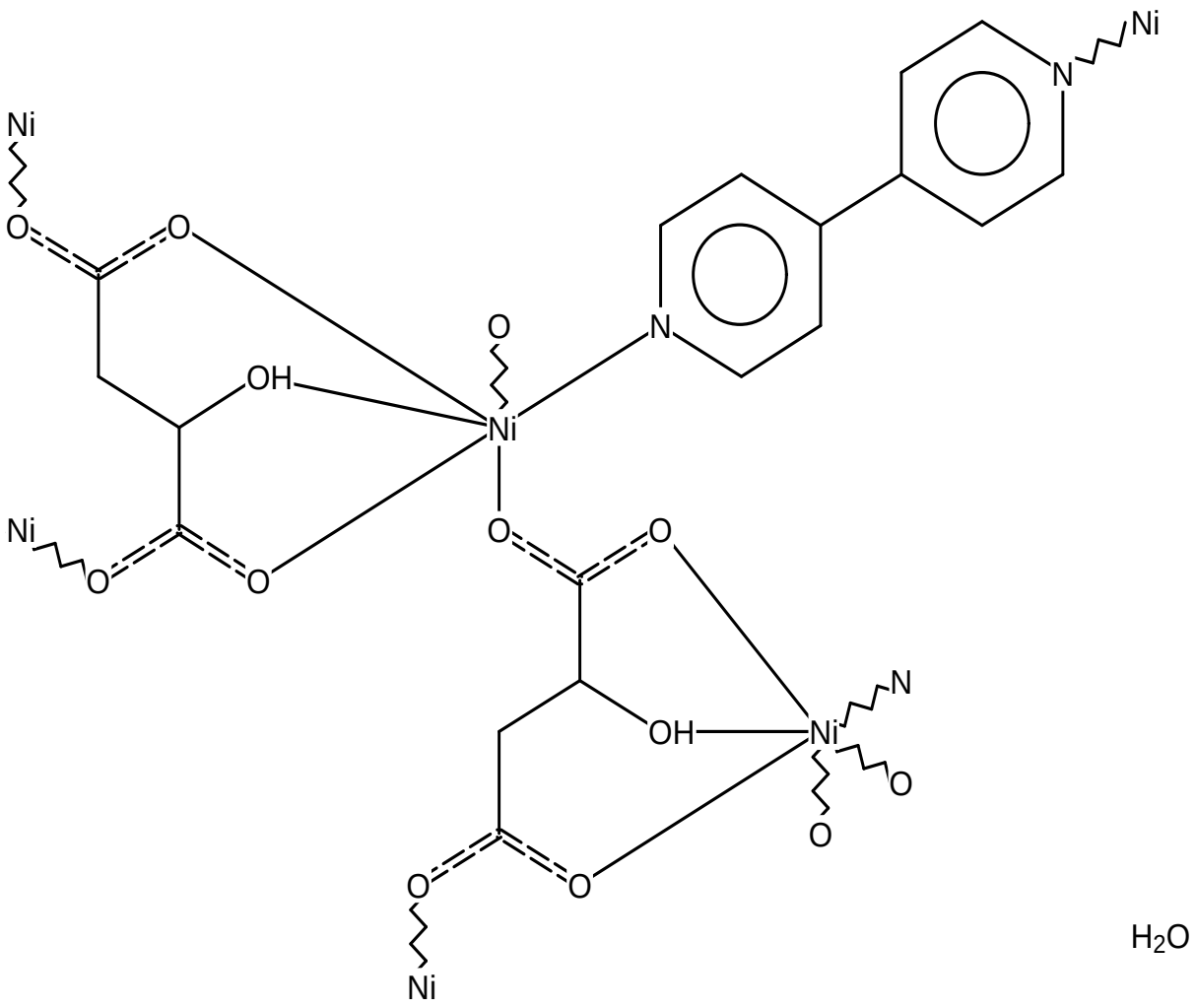
Reference: Li-Mei Duan, Feng-Tong Xie, Xiao-Yan Chen, Yan Chen, Yu-Kun Lu, Peng Cheng, Ji-Qing Xu (2006) *Cryst.Growth Des. ,***6,**1101

Formula: $(C_{18}\ H_{16}\ N_2\ Ni_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-2-Hydroxybutane-1,4-dioato)-(μ_2-4,4'-bipyridine)-di-nickel(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	13.104(3)	***b*** 9.355(1)	***c***	10.883(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.08(3)	γ	90.00

R-Factor (%): 6.31 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.553



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1070

JEPLIA

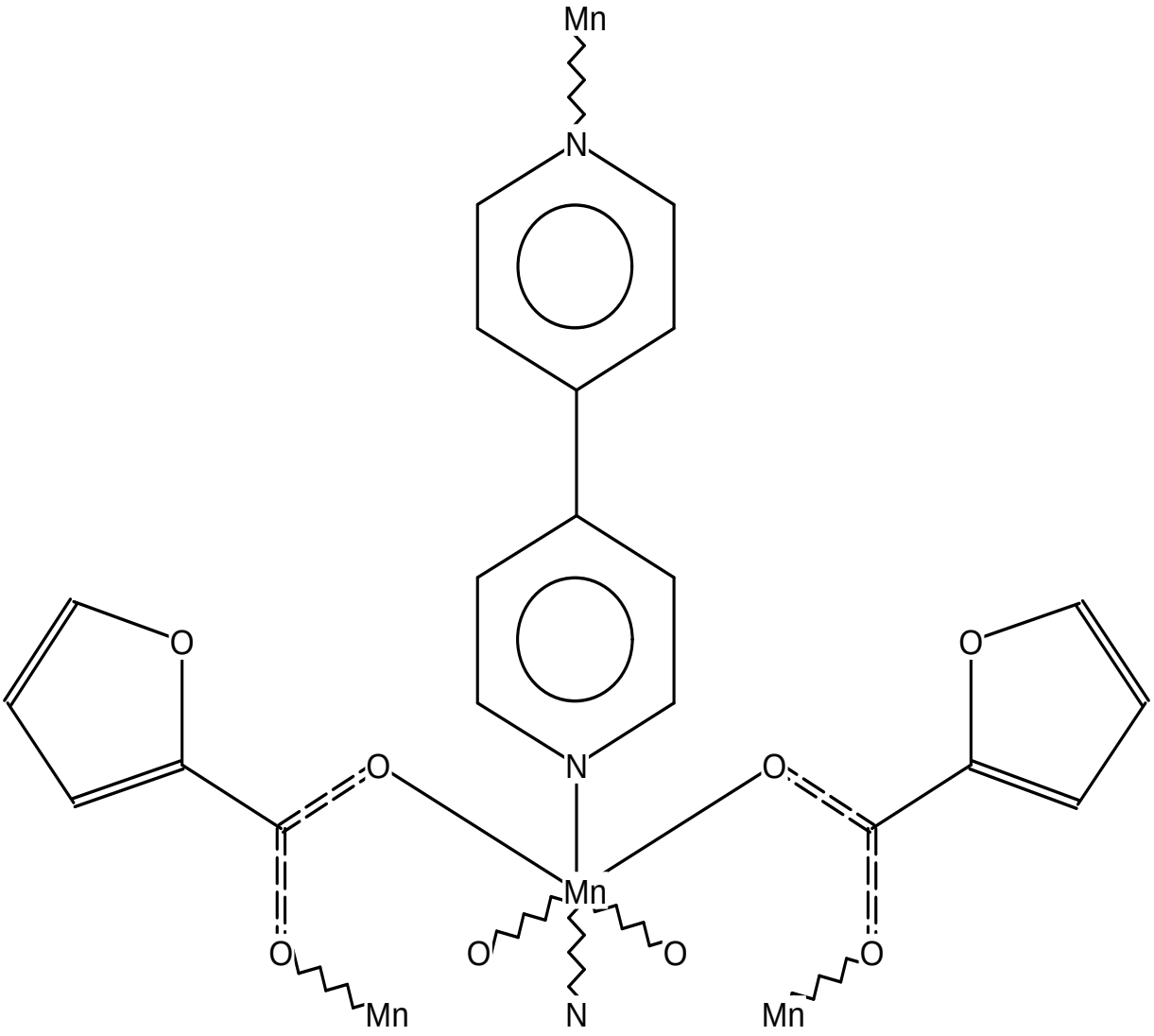
Reference: Man-Sheng Chen, Yi-Fang Deng, Dai-Zhi Kuang, Chun-Hua Zhang, Yong-Lan Feng, Yun-Lin Peng (2006) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**22,**1715

Formula: $(C_{20}\ H_{14}\ Mn_1\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-2-furancarboxylato)-manganese)

Space Group:	C2/c	***Cell:***	***a***	16.984(3)	***b*** 11.686(2)	***c***	10.095(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.46(1)	γ	90.00

R-Factor (%): 2.82 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1071

JERLIC

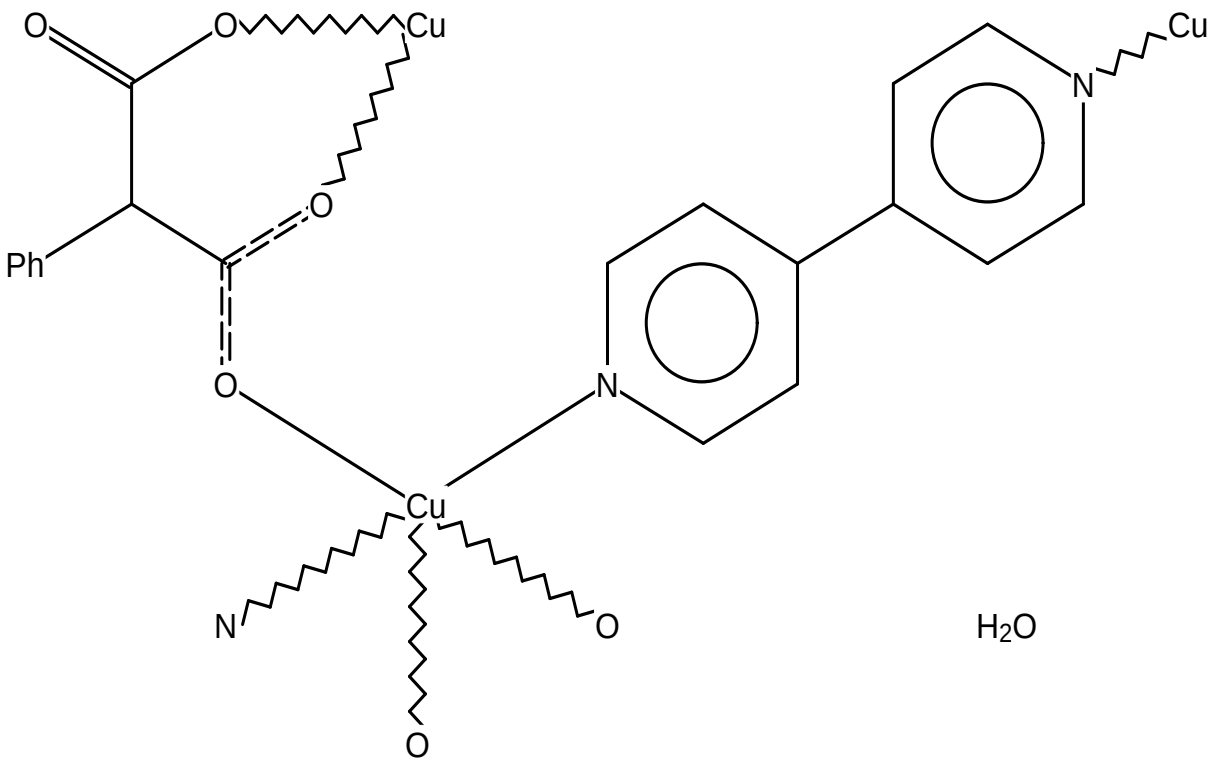
Reference: J.Pasan, J.Sanchiz, C.Ruiz-Perez, F.Lloret, M.Julve (2005) *Inorg.Chem.* ,**44,**7794

Formula: $(C_{19}\ H_{14}\ Cu_1\ N_2\ O_4)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-Phenylmalonato)-(μ_2-4,4'-bipyridyl)-copper(ii) dihydrate]

Space Group:	P21	***Cell:***	***a***	9.084(0)	***b***	9.351(0)	***c*** 11.083(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	107.81(0)	γ 90.00

R-Factor (%): 3.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.608



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1072

JESQEE

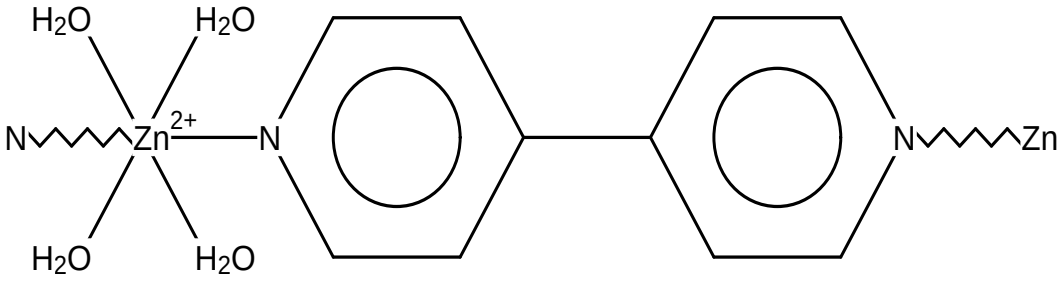
Reference: Yu-Ling Wang (2006)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**62,**m522

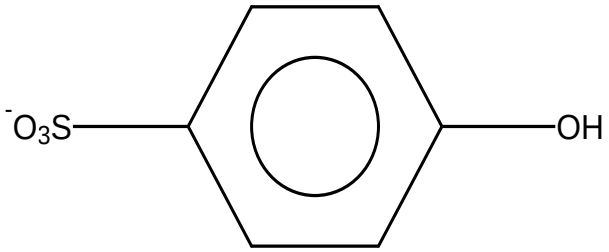
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(C_6\ H_5\ O_4\ S_1\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-zinc(ii) bis(4-hydroxybenzenesulfonate) trihydrate)

Space Group:	P21212	***Cell:***	***a***	17.623(1)	***b*** 7.245(0)	***c***	11.396(0)
Space Group No.:	18	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.584





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1073

JESRUV

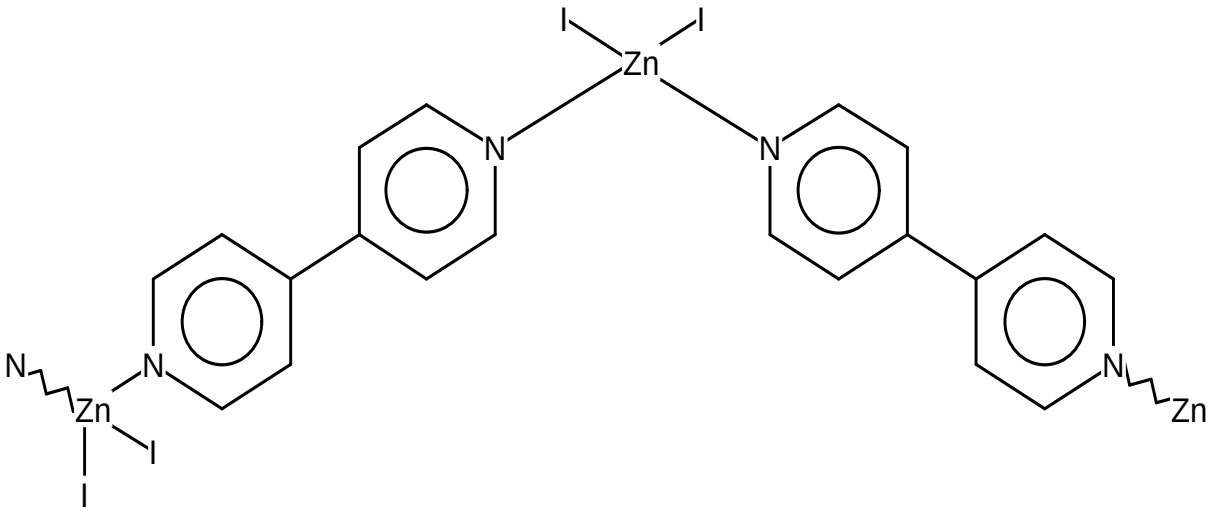
Reference: Le-Qing Fan, Ji-Huai Wu (2006)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**62,**m548

Formula: $(C_{20}\ H_{16}\ I_4\ N_4\ Zn_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-di-iodo-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	17.140(3)	***b*** 13.930(3)	***c***	11.950(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.00(3)	γ	90.00

R-Factor (%): 4.16 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.341



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1074

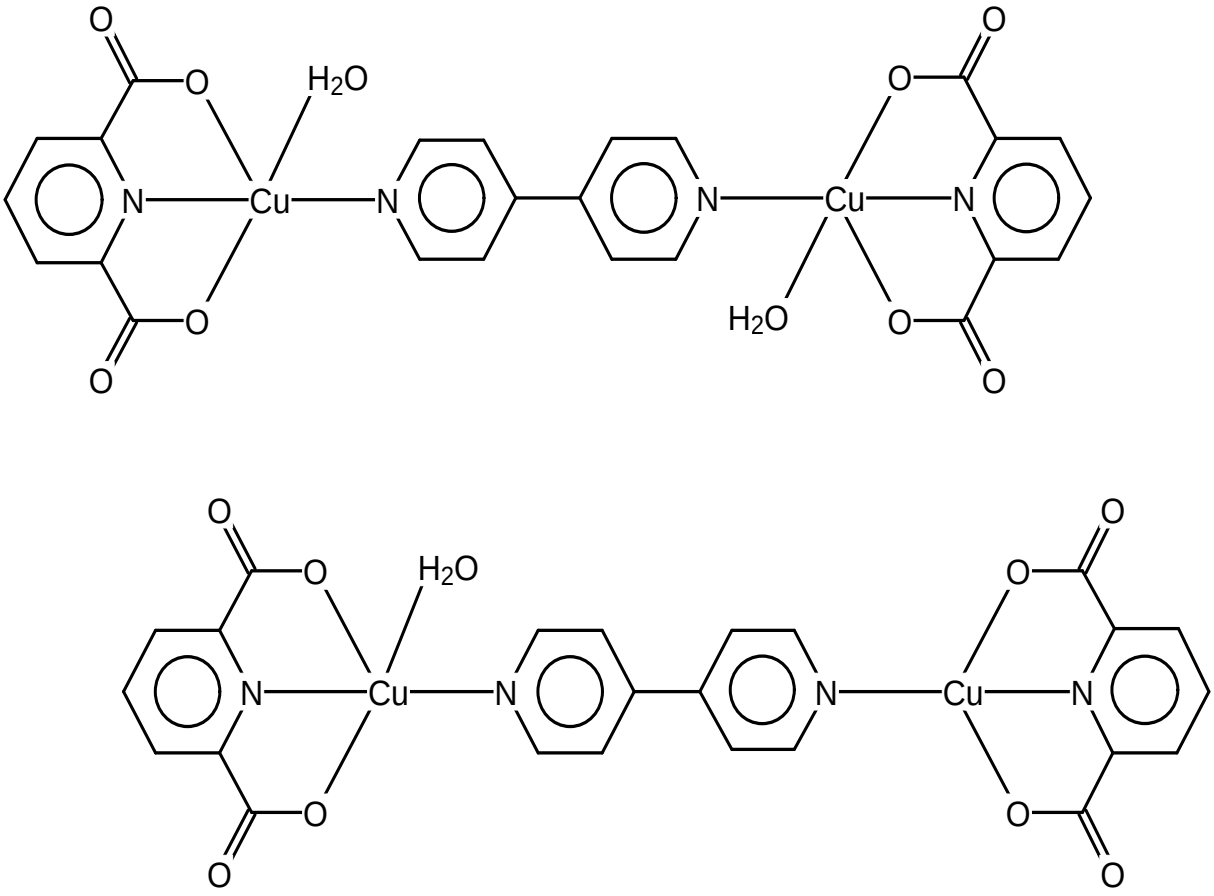
JESYEM

Reference: Yi-Hang Wen, Yin-Hua He (2006)
*Z.Kristallogr.-New Cryst.Struct. ,***221,**142

Formula: $2(C_{24}\ H_{18}\ Cu_2\ N_4\ O_{10}),C_{24}\ H_{16}\ Cu_2\ N_4\ O_9,6(H_2\ O_1)$

Compound Name: bis((μ2-4,4'-Bipyridine)-diaqua-bis(pyridine-2,6-dicarboxylato)-di-copper(ii)) (μ2-4,4'-bipyridine)-aqua-bis(pyridine-2,6-dicarboxylato)-di-copper(ii) hexahydrate

Space Group:	P-1	***Cell:***	***a***	10.580(0)	***b***	10.708(0)	***c***	18.683(0)
Space Group No.:	2	***(Å,°)***	α	84.41(0)	β	86.54(0)	γ	62.80(0)
R-Factor (%):	2.94	***Temperature(K):***	130	***Density(g/cm3):***	1.807			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1075

JETDAO

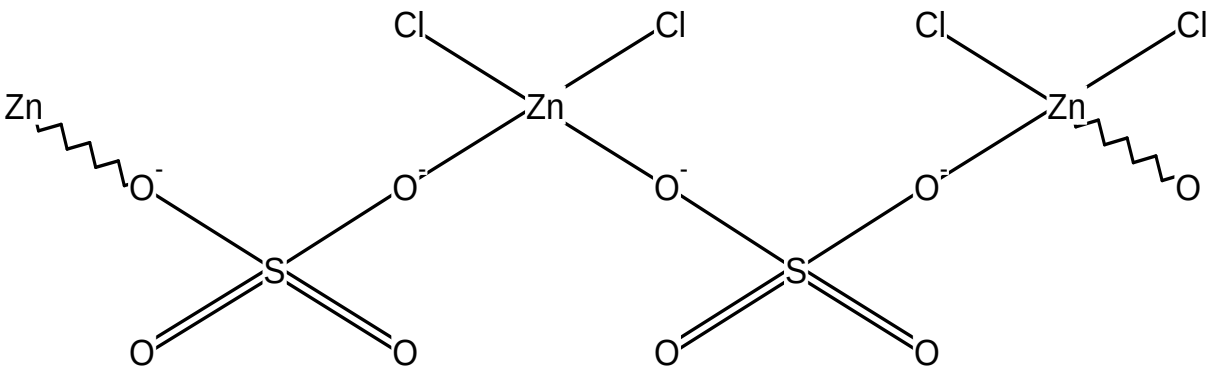
Reference: J.N.Behera, C.N.R.Rao (2006) *Chem.Asian J.* ,**1,**742

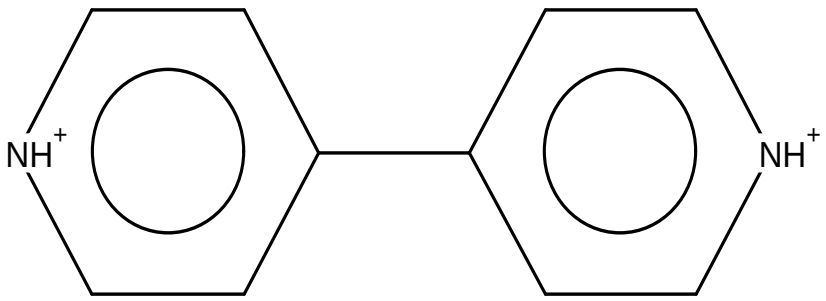
Formula: $(Cl_4\ O_8\ S_2\ Zn_2\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(bis(4,4'-Bipyridinium) bis(μ_2-sulfato-O,O')-tetrachloro-di-zinc)

Space Group:	P-1	***Cell:***	***a***	4.912(3)	***b***	8.460(9)	***c*** 17.240(11)
Space Group No.:	2	***(Å,°)***	α	85.07(4)	β	88.51(6)	γ 80.47(5)

R-Factor (%): 4.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.843





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1076

JETSAD

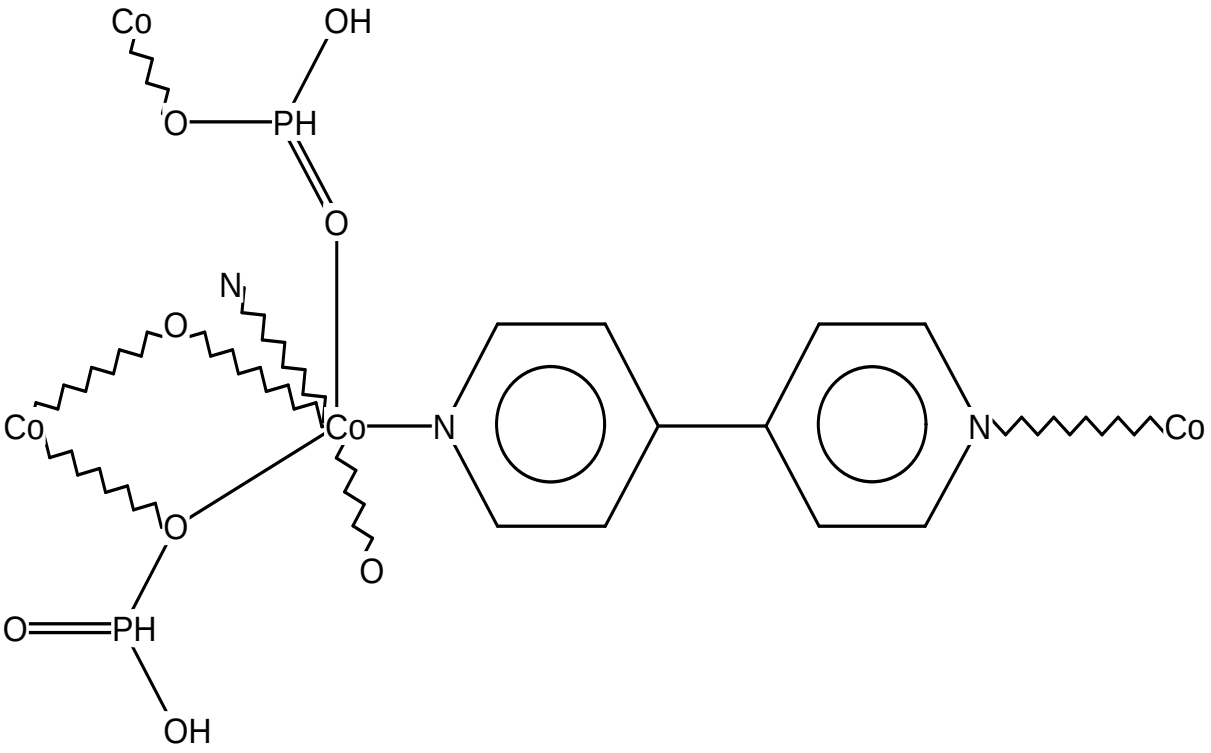
Reference: S.Natarajan, S.Mandal, P.Mahata, V.K.Rao, P.Ramaswamy, A.Banerjee, A.K.Paul, K.V.Ramya (2006) *J.Chem.Sci.(Bangalore,India) ,***118,**525

Formula: $(C_{10}\ H_{12}\ Co_1\ N_2\ O_6\ P_2)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-(μ_2-phosphito-O,O)-(μ_2-phosphito-O,O')-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	17.272(0)	***b*** 11.456(0)	***c***	16.993(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.01(0)	γ	90.00

R-Factor (%): 4.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1077

JEZRUB

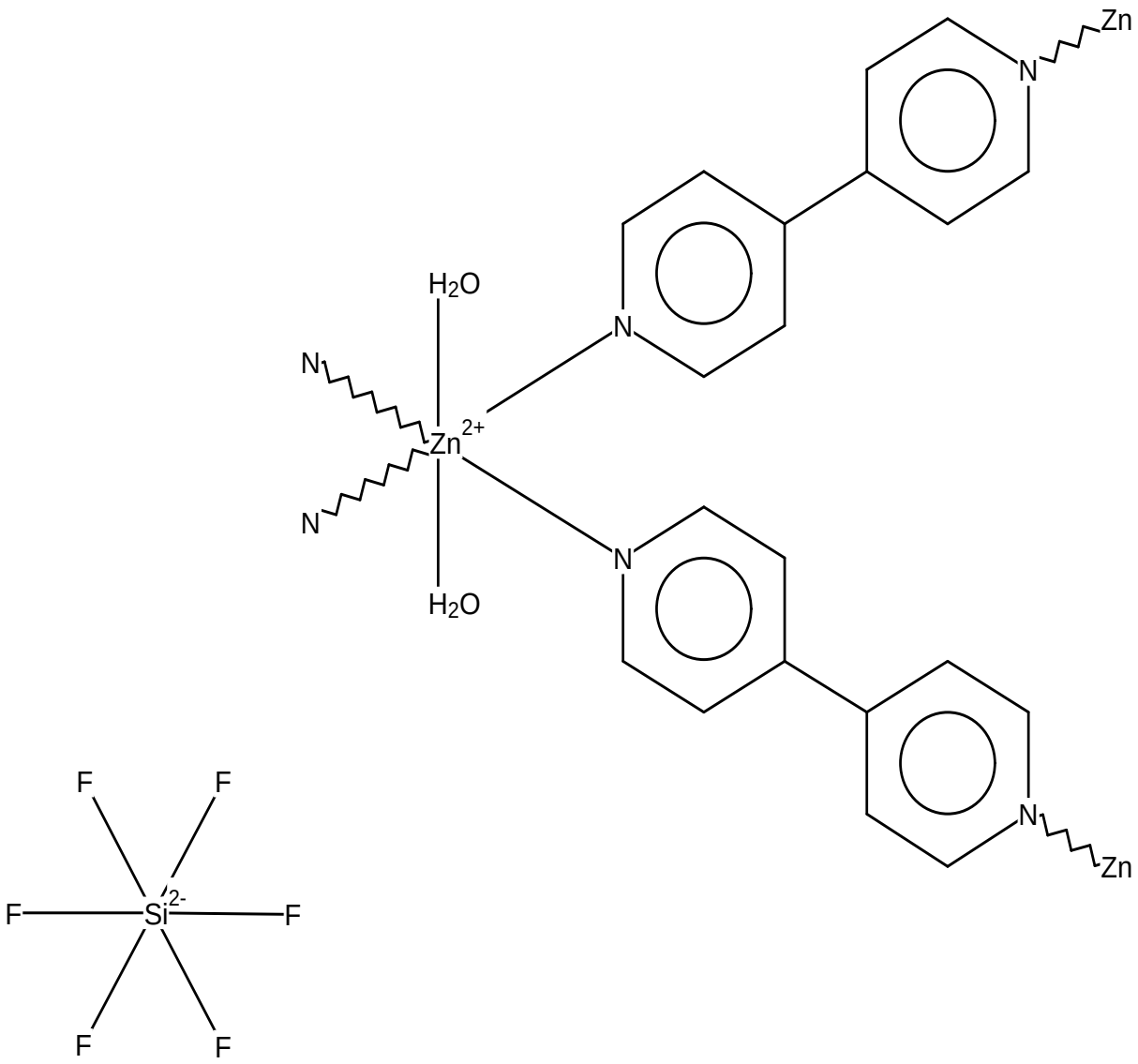
Reference: R.W.Gable, B.F.Hoskins, R.Robson (1990)
Chem.Commun. ,1677

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,n(F_6\ Si_1\ ^{2-})$

Compound Name: catena(Diaqua-bis(μ_2-4,4'-bipyridine)-zinc hexafluorosilicate)

Space Group:	P4/ncc	***Cell:***	***a***	10.815(2)	***b***	10.815(2)	***c***	17.006(3)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.856



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1078

JIMGIW

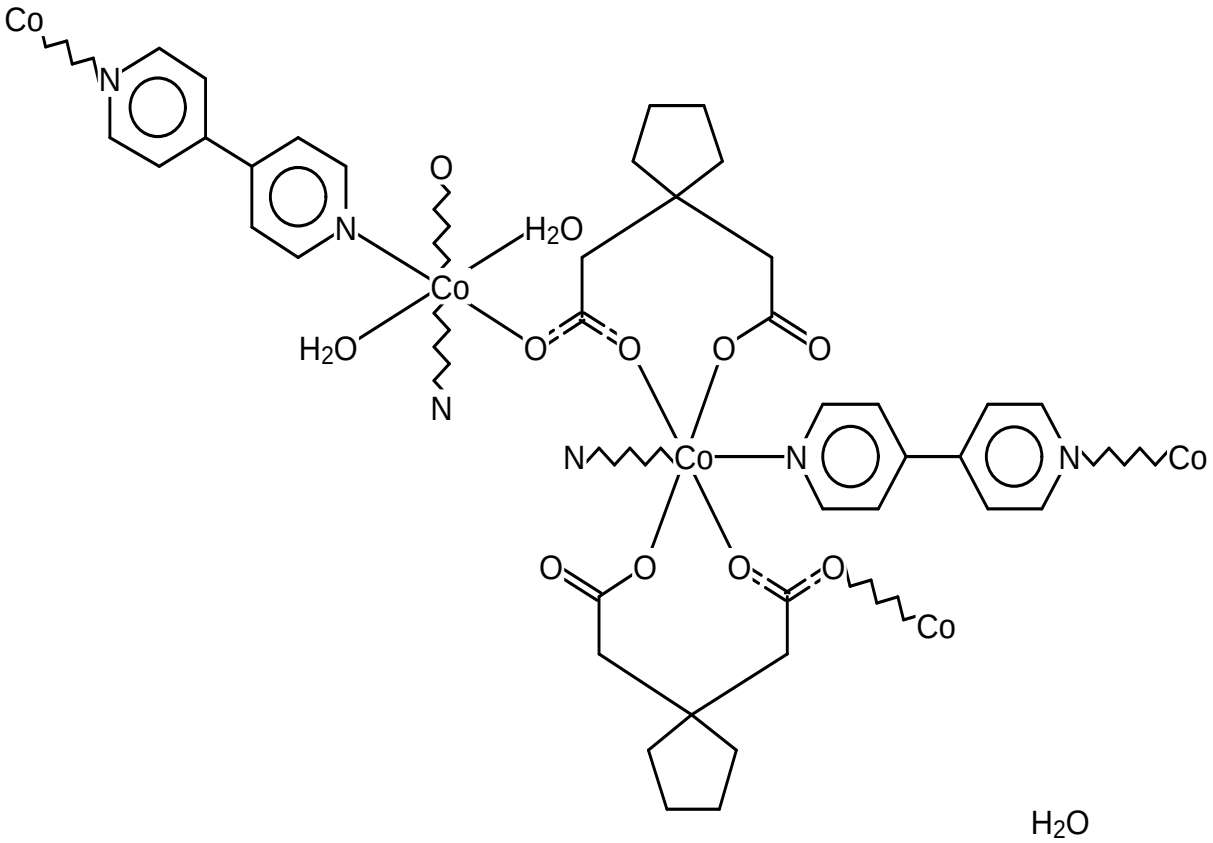
Reference: Taohai Li, Feng Li, Yanqin Wang, Wenhua Bi, Xing Li, Rong Cao (2007) *Inorg.Chim.Acta* ,**360,**3771

Formula: $(C_{38}\ H_{44}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-3,3-tetramethyleneglutate-O,O',O'')-diaqua-di-cobalt tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	19.896(8)	***b*** 11.484(4)	***c***	20.429(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 113.19(0)	γ	90.00

R-Factor (%): 6.69 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.404



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1079

JIMRAZ

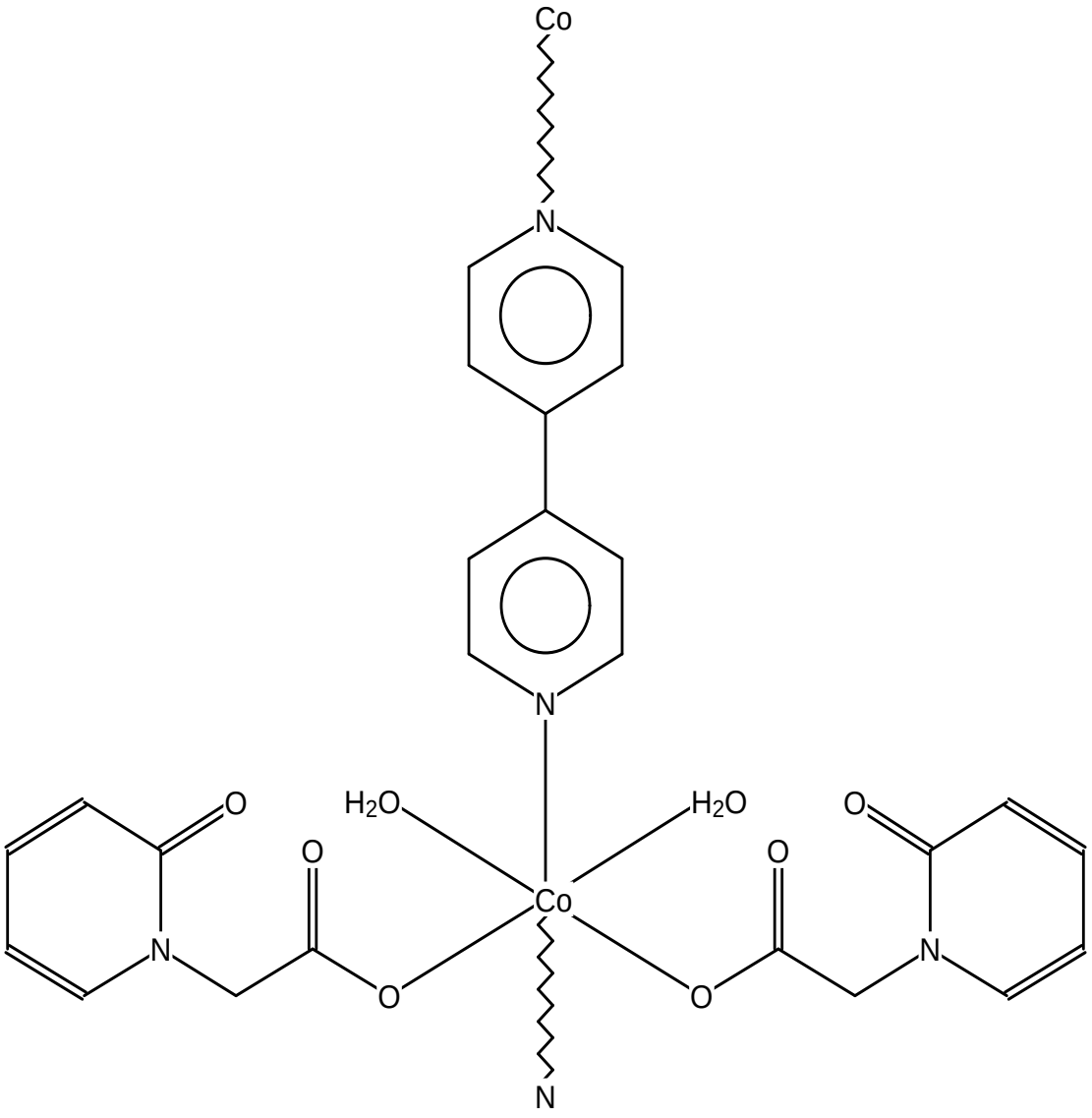
Reference: Zhu-Yan Zhang, Shan Gao, Li-Hua Huo, Hui Zhao, Jing-Gui Zhao (2007)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**23,**1649

Formula: $(C_{24}\ H_{24}\ Co_1\ N_4\ O_8)n,6n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(2-oxo-1(1H)-pyridineacetato-O)-cobalt(ii) hexahydrate)

Space Group:	P-1	***Cell:***	***a***	8.567(1)	***b***	8.596(1)	***c*** 11.422(2)
Space Group No.:	2	***(Å,°)***	α	69.64(3)	β	68.35(3)	γ 74.88(3)

R-Factor (%): 6.44 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.521



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1080

JIQKIE

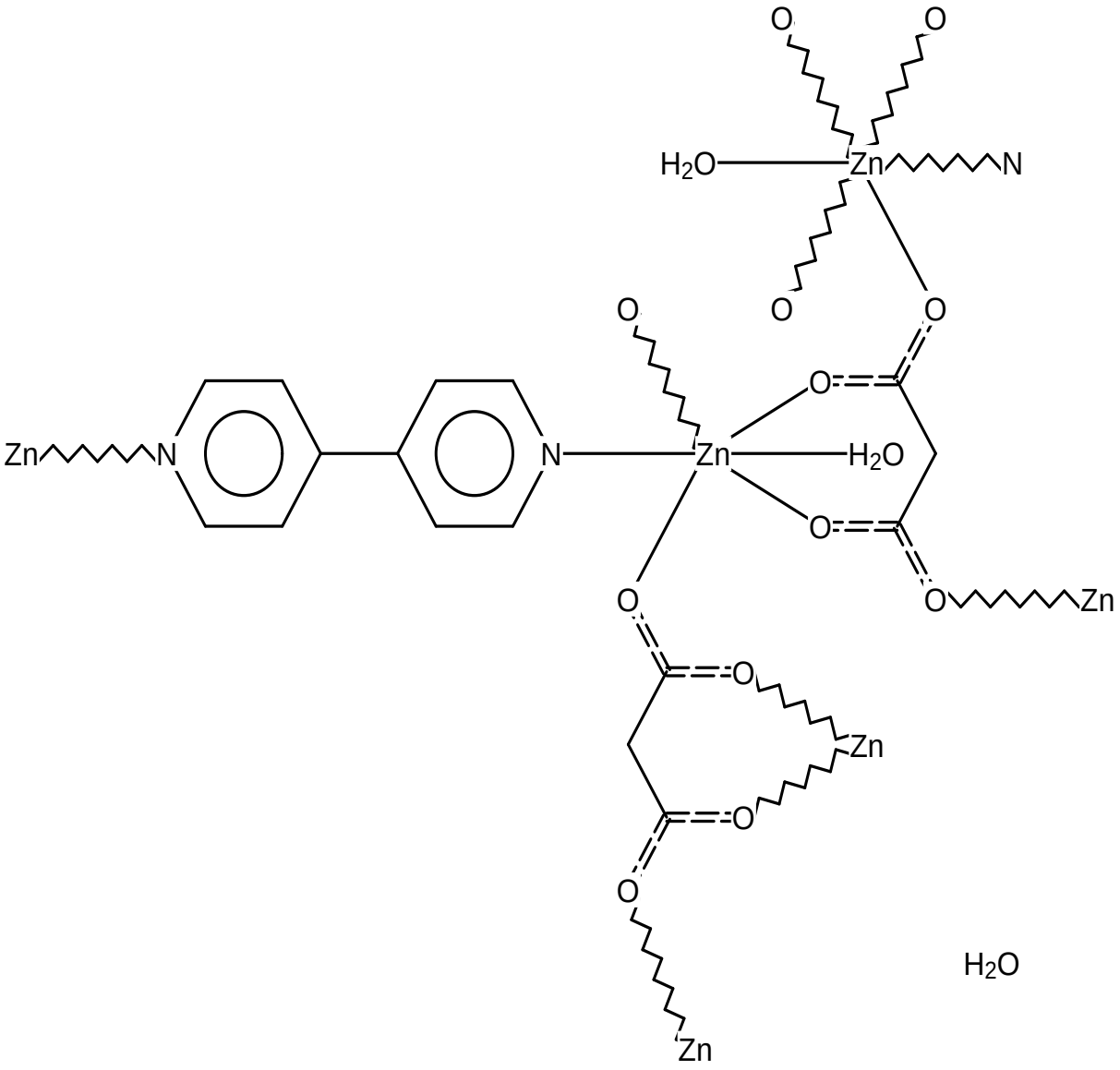
Reference: Xiang-Qian Cao, Jin-Xiang Chen, Yang Chen, Hong-Xi Li, Zhi-Gang Ren, Yong Zhang, Jian-Ping Lang (2006) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**64,**2496

Formula: $(C_{16}\ H_{16}\ N_2\ O_{10}\ Zn_2)n,0.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-malonato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-diaqua-di-zinc hemihydrate)

Space Group:	P21/n	***Cell:***	***a***	7.122(1)	***b***	18.685(4)	***c***	7.389(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.49(0)	γ	90.00

R-Factor (%): 4.99 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.811



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1081

JITHIE

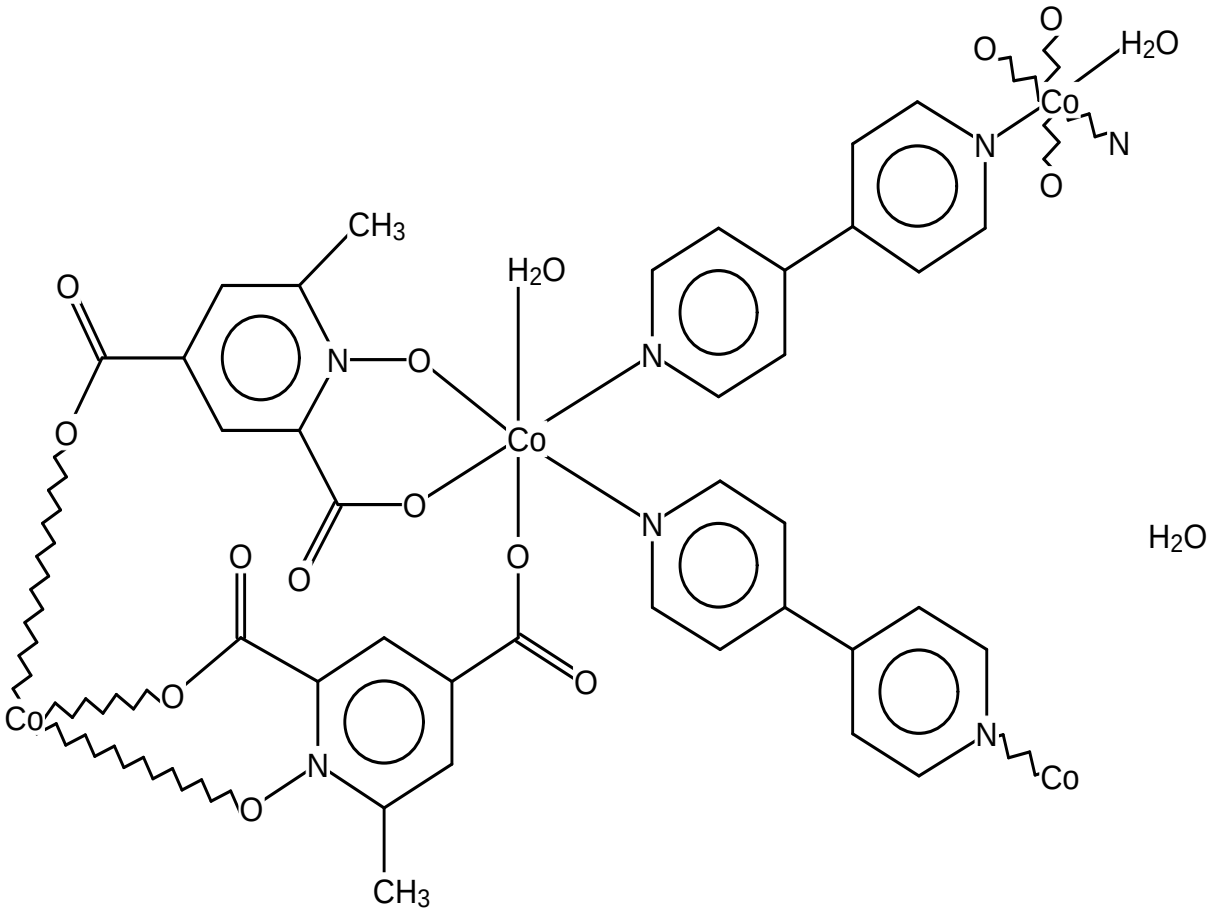
Reference: Jian-Guo Lin, Yang Su, Zheng-Fang Tian, Ling Qiu, Li-Li Wen, Zhen-Da Lu, Yi-Zhi Li, Qing-Jin Meng (2007) *Cryst.Growth Des.* ,**7,**2526

Formula: $(C_{36}\ H_{30}\ Co_2\ N_6\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-6-Methylpyridine-2,4-dicarboxylato N-oxide)-bis(μ_2-4,4'-bipyridyl)-diaqua-di-cobalt(ii) dihydrate]

Space Group:	C2/c	***Cell:***	***a***	18.758(4)	***b***	10.859(2)	***c*** 20.596(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	114.93(0)	γ 90.00

R-Factor (%): 5.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.558



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1082

JITHOK

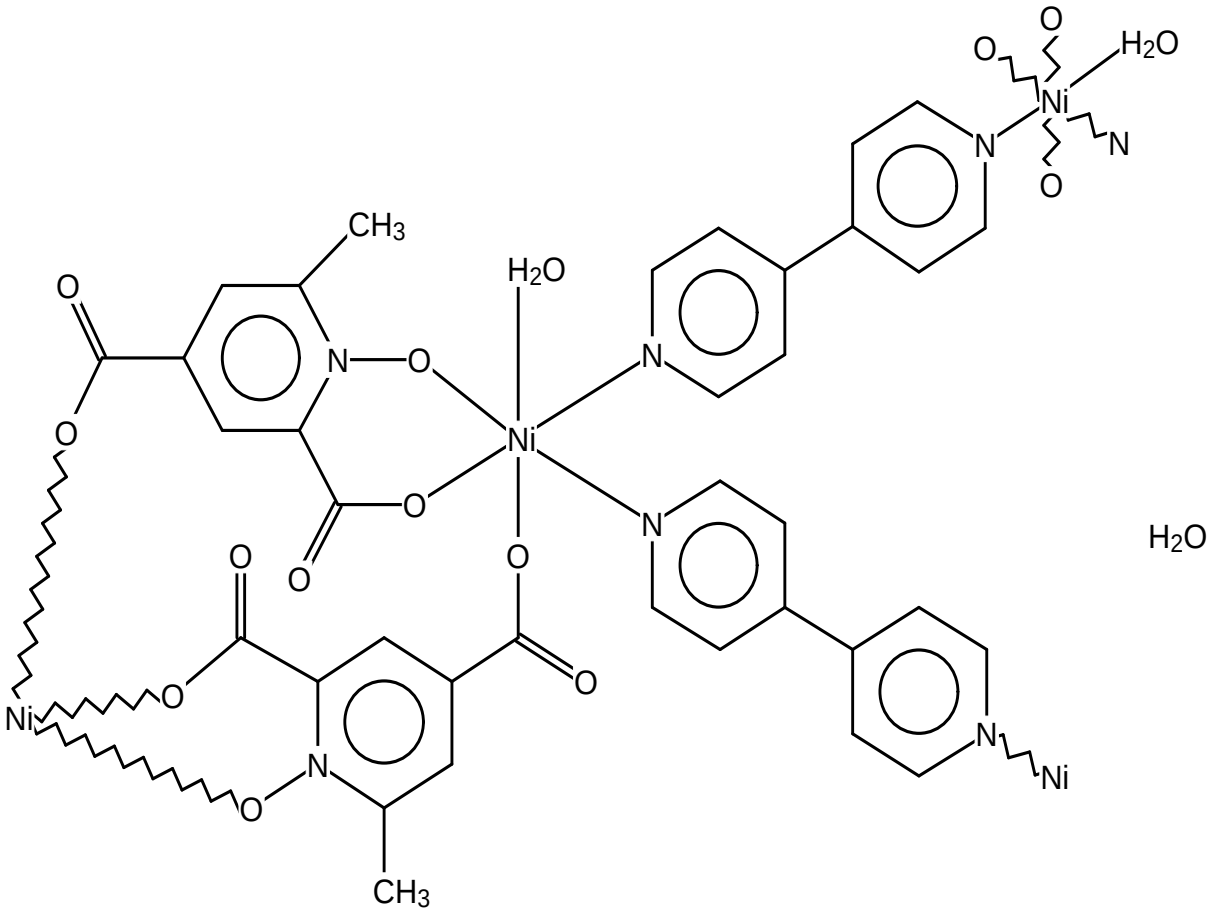
Reference: Jian-Guo Lin, Yang Su, Zheng-Fang Tian, Ling Qiu, Li-Li Wen, Zhen-Da Lu, Yi-Zhi Li, Qing-Jin Meng (2007) *Cryst.Growth Des.* ,**7,**2526

Formula: $(C_{36}\ H_{30}\ N_6\ Ni_2\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-6-Methylpyridine-2,4-dicarboxylato N-oxide)-bis(μ_2-4,4'-bipyridyl)-diaqua-di-nickel(ii) dihydrate]

Space Group:	C2/c	***Cell:***	***a***	18.656(5)	***b*** 10.847(3)	***c***	20.452(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.03(0)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.580



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1083

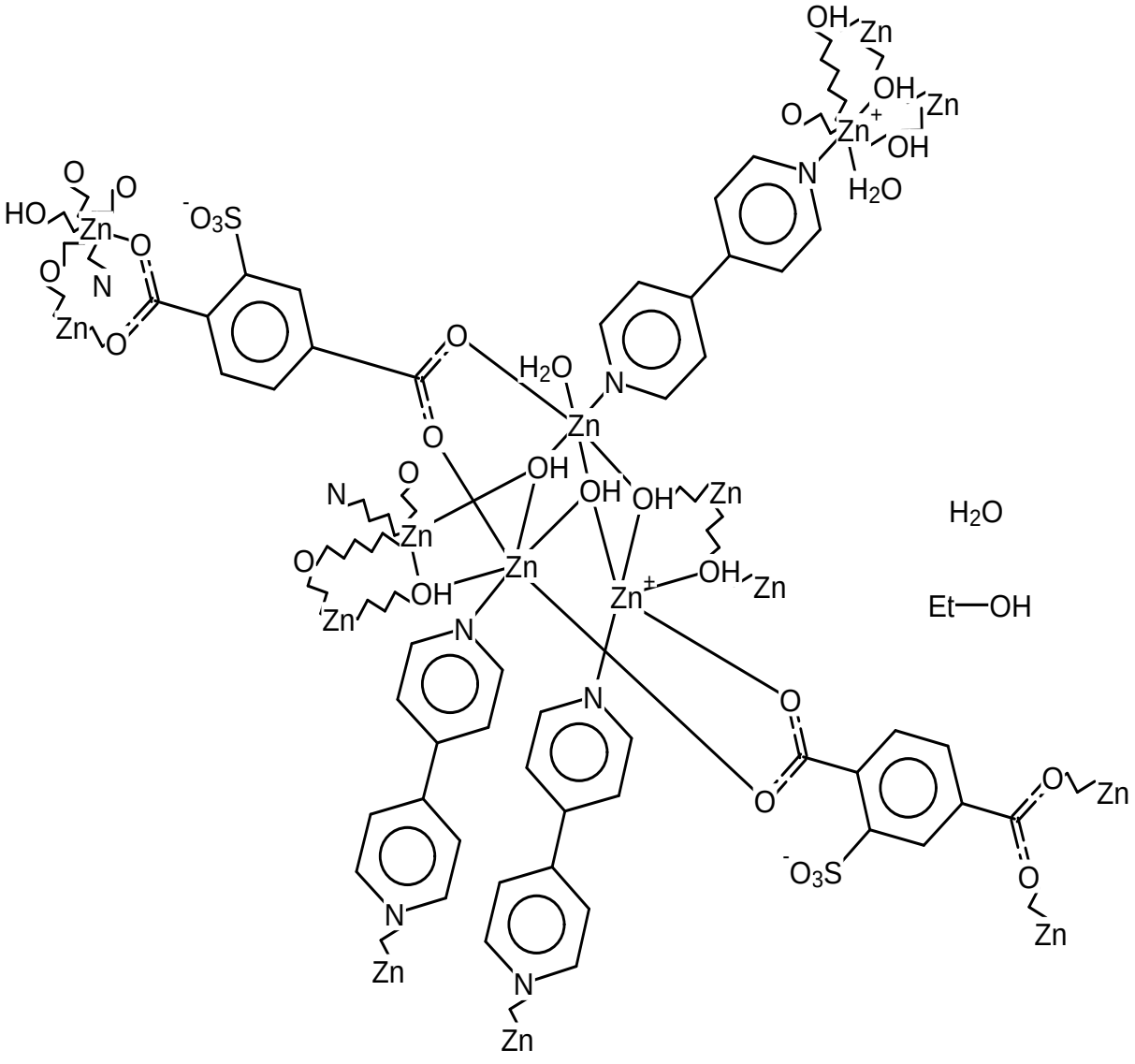
JITPOS

Reference: S.Horike, S.Bureekaew, S.Kitagawa (2008)
Chem.Commun. ,471

Formula: $(C_{46}\ H_{40}\ N_6\ O_{22}\ S_2\ Zn_6)n,2n(C_2\ H_6\ O_1),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-2-sulfonylterephthalato)-hexakis(μ_3-hydroxo)-tris(μ_2-4,4'-bipyridine)-diaqua-hexa-zinc(ii) diethanol tetrahydrate clathrate)

Space Group:	Pnma	***Cell:***	***a***	23.145(1)	***b***	27.398(1)	***c***	10.548(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	8.70	***Temperature(K):***	223		***Density(g/cm^3):***		1.638	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1084

JITYEQ

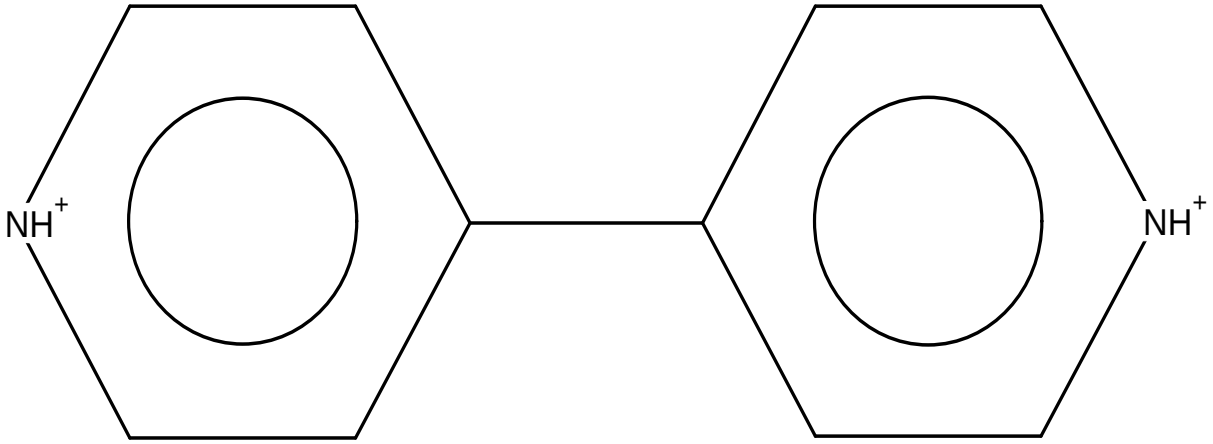
Reference: G.R.Lewis, A.G.Orpen (1998) *Chem.Commun.* ,1873

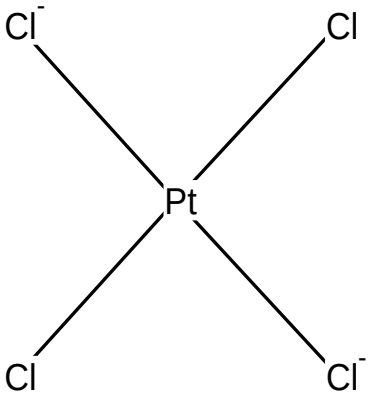
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Pt_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-platinum

Space Group:	I2/m	***Cell:***	***a***	6.617(0)	***b***	11.626(0)	***c***	8.096(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	91.27(0)	γ	90.00

R-Factor (%): 3.26 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.640





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1085

JITYEQ01

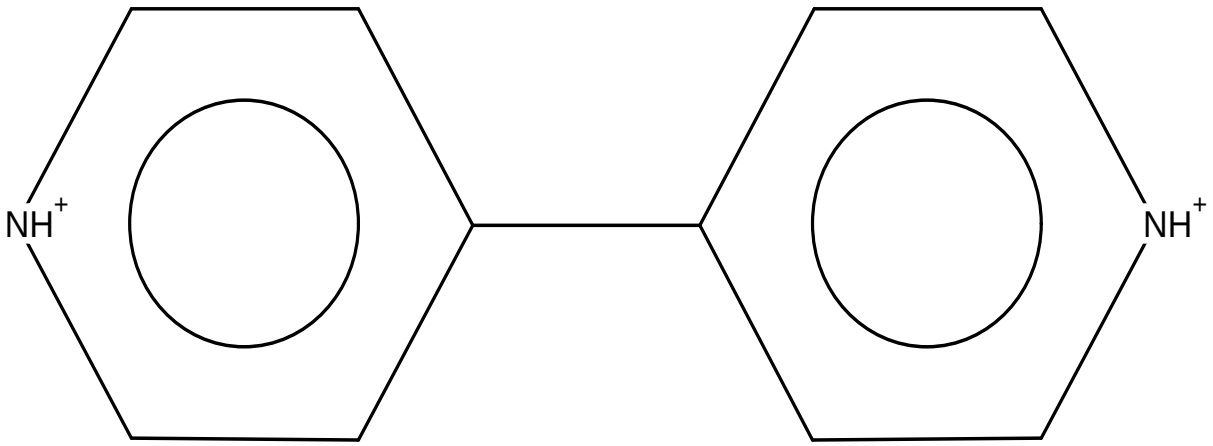
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

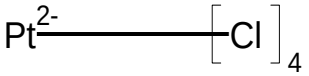
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Pt_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-platinum

Space Group:	I2/m	***Cell:***	***a***	6.655(1)	***b*** 11.695(2)	***c***	8.146(3)
Space Group No.:	12	***(Å,°)***	α	90.00	β 91.32(0)	γ	90.00

R-Factor (%): 2.89 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.594





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1086

JITYEQ02

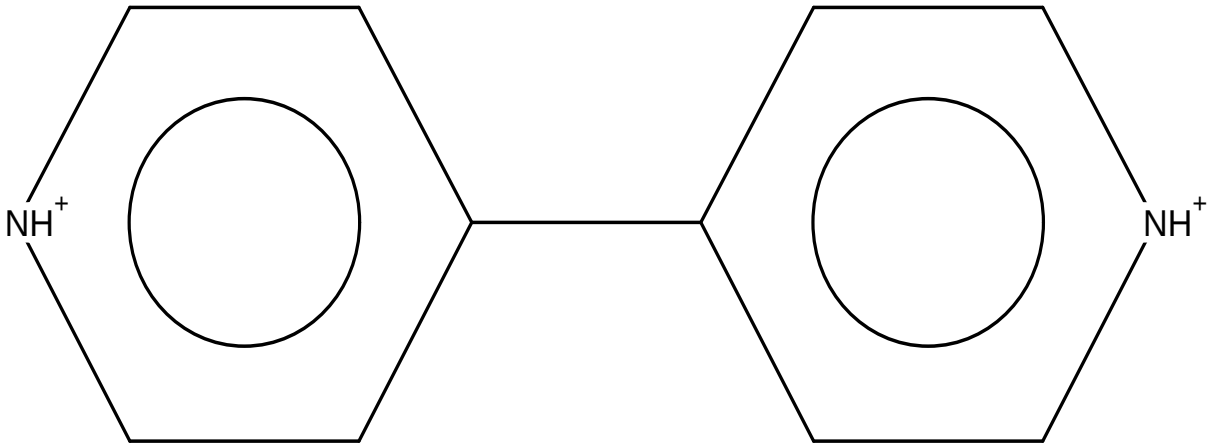
Reference: P.C.Crawford, A.L.Gillon, J.Green, A.G.Orpen, T.J.Podesta, S.V.Pritchard (2004) *CrystEngComm* ,**6,**419

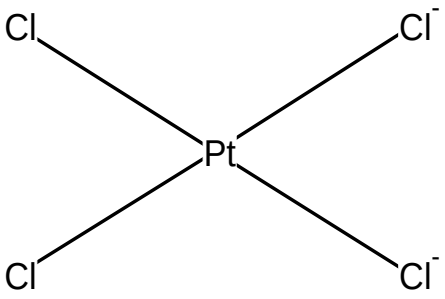
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Pt_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-platinum

Space Group:	I2/m	***Cell:***	***a***	6.655(1)	***b*** 11.695(2)	***c***	8.146(3)
Space Group No.:	12	***(Å,°)***	α	90.00	β 91.32(0)	γ	90.00

R-Factor (%): 2.89 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.594





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1087

JIXXUK

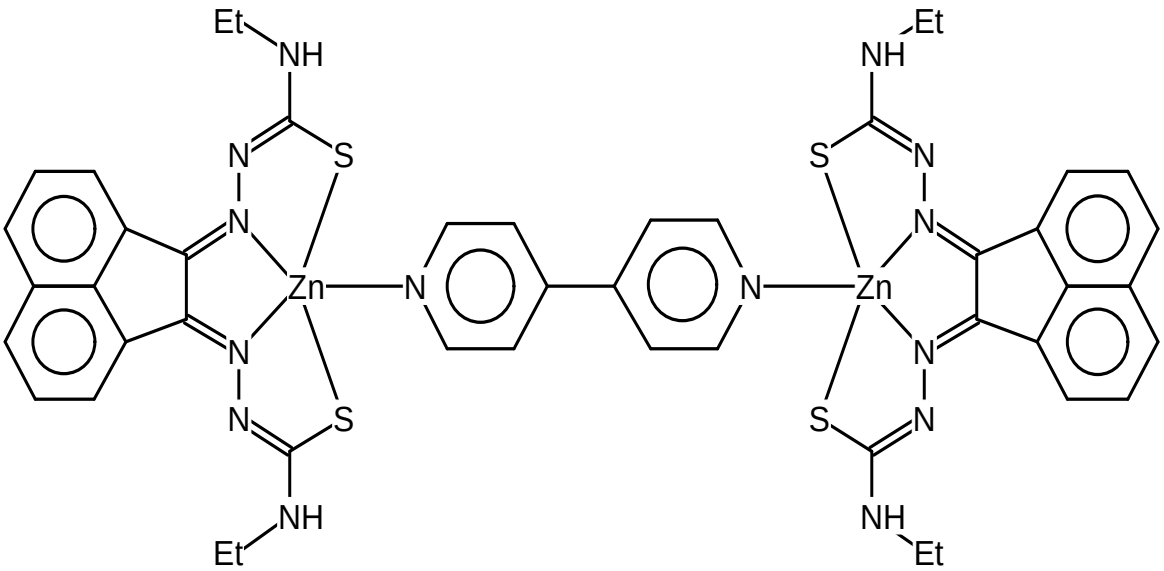
Reference: S.I.Pascu, P.A.Waghorn, T.D.Conry, B.Lin, H.M.Betts, J.R.Dilworth, R.B.Sim, G.C.Churchill, F.I.Aigbirhio, J.E.Warren (2008) *Dalton Trans.* ,2107

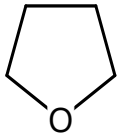
Formula: $C_{46}\,H_{44}\,N_{14}\,S_4\,Zn_2,C_4\,H_8\,O_1$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(N',N'''-acenaphthylene-1,2-diylidenebis(N-ethylcarbamohydrazonothioato-N',S))-di-zinc(ii) tetrahydrofuran solvate

Space Group:	P21/c	***Cell:***	***a***	37.391(2)	***b***	18.026(1)	***c*** 18.187(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.79(0)	γ 90.00

R-Factor (%): 7.51 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.227





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1088

JOBFEM

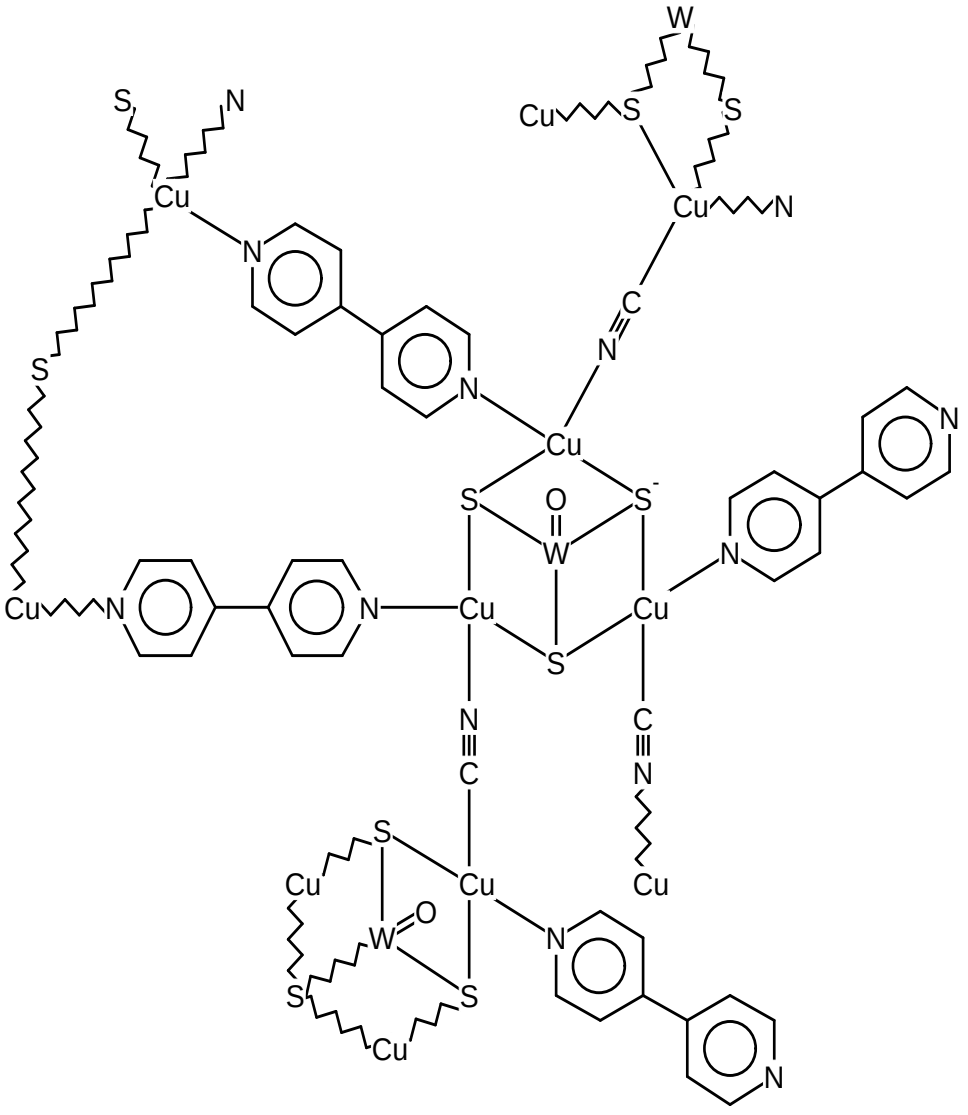
Reference: Chi Zhang, Yuan Cao, Jinfang Zhang, Suci Meng, T.Matsumoto, Yinglin Song, Jing Ma, Zhaoxu Chen, K.Tatsumi, M.G.Humphrey (2008) *Adv.Mater. ,***20,**1870

Formula: $(C_{43}\ H_{32}\ Cu_6\ N_{11}\ O_2\ S_6\ W_2\ ^{1-})n,n(H_4\ N_1\ ^{1+}),2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(Ammonium hexakis(μ_3-sulfido)-bis(μ_2-4,4'-bipyridine-N,N')-tris(μ_2-cyano-C,N)-bis(4,4'-bipyridine-N)-dioxo-hexa-copper-di-tungsten dimethylformamide solvate)

Space Group:	C2/c	***Cell:***	***a***	27.630(3)	***b***	13.812(1)	***c*** 17.360(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.32(0)	γ 90.00

R-Factor (%): 3.49 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.870



NH_4^+ $OHC{-}NMe_2$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1089

JOCJER

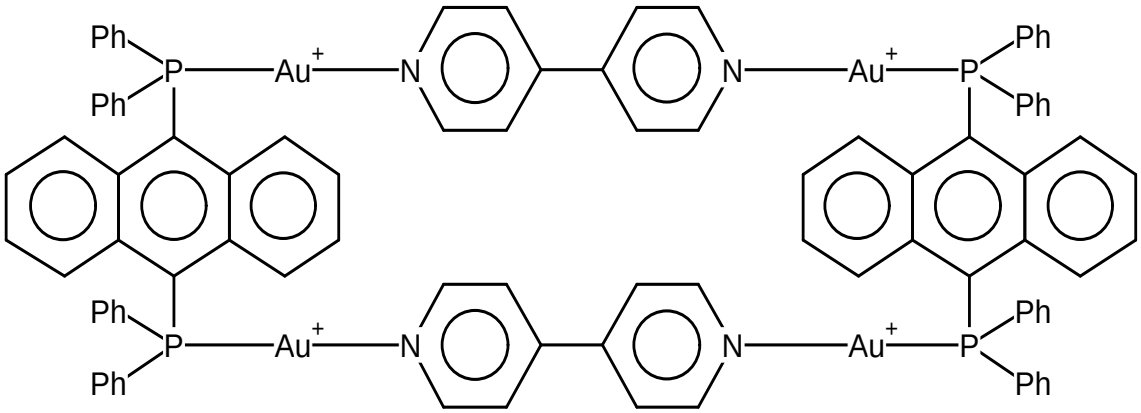
Reference: Yuanyuan Wang, Ronger Lin, J.H.K.Yip (2008)
Dalton Trans. ,2806

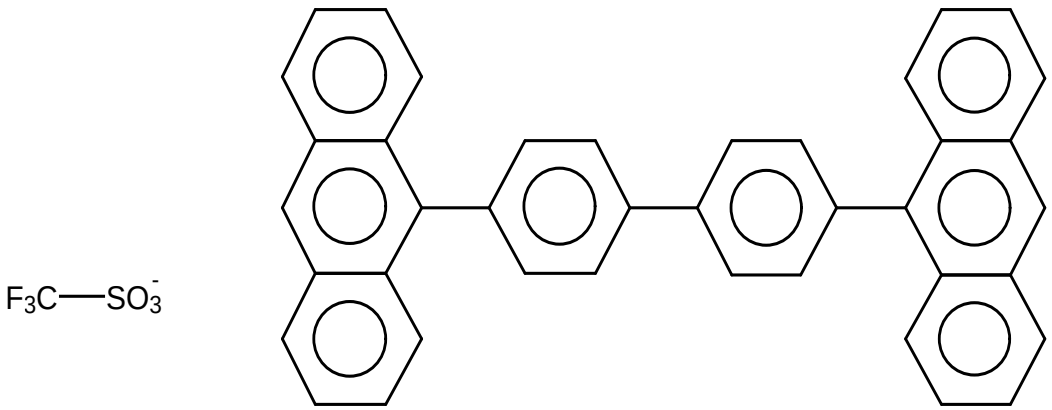
Formula: $2(C_{96}\,H_{72}\,Au_4\,N_4\,P_4\,^{4+}),8(C_1\,F_3\,O_3\,S_1\,^{1-}),C_{40}\,H_{26},2(C_2\,H_3\,N_1),2(C_1\,H_2\,Cl_2),4(H_2\,O_1)$

Compound Name: (3)-(4,4'-bis(9'-Anthryl)biphenyl)-(bis(bis(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-9,10-bis(diphenylphosphino)anthracene-P,P')-tetra-gold(i)))-pseudorotaxane octakis(trifluoromethanesulfonate) acetonitrile dichloromethane solvate tetrahydrate

Space Group:	C2/m	***Cell:***	***a***	32.419(1)	***b*** 23.372(1)	***c***	22.316(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 123.53(0)	γ	90.00

R-Factor (%): 6.77 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.510







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1090

JOCVAZ

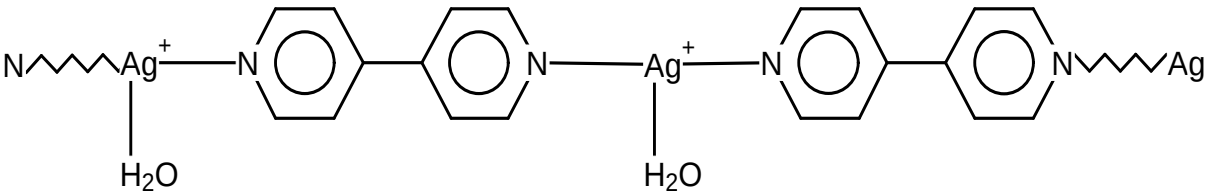
Reference: Guang-Chuan Ou, Xian-You Yuan, Min Zhang (2008)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**27,**277

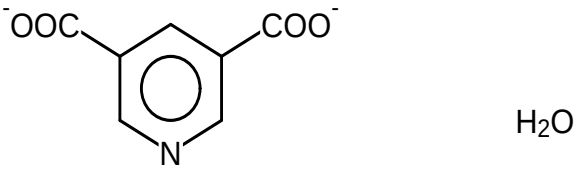
Formula: $(C_{20}\ H_{20}\ Ag_2\ N_4\ O_2\ ^{2+})n,n(C_7\ H_3\ N_1\ O_4\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-di-silver(i) pyridine-3,5-dicarboxylate dihydrate)

Space Group:	C2/c	***Cell:***	***a***	21.419(8)	***b*** 7.515(3)	***c***	18.070(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.27(0)	γ	90.00

R-Factor (%): 3.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.840





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1091

JODFIS

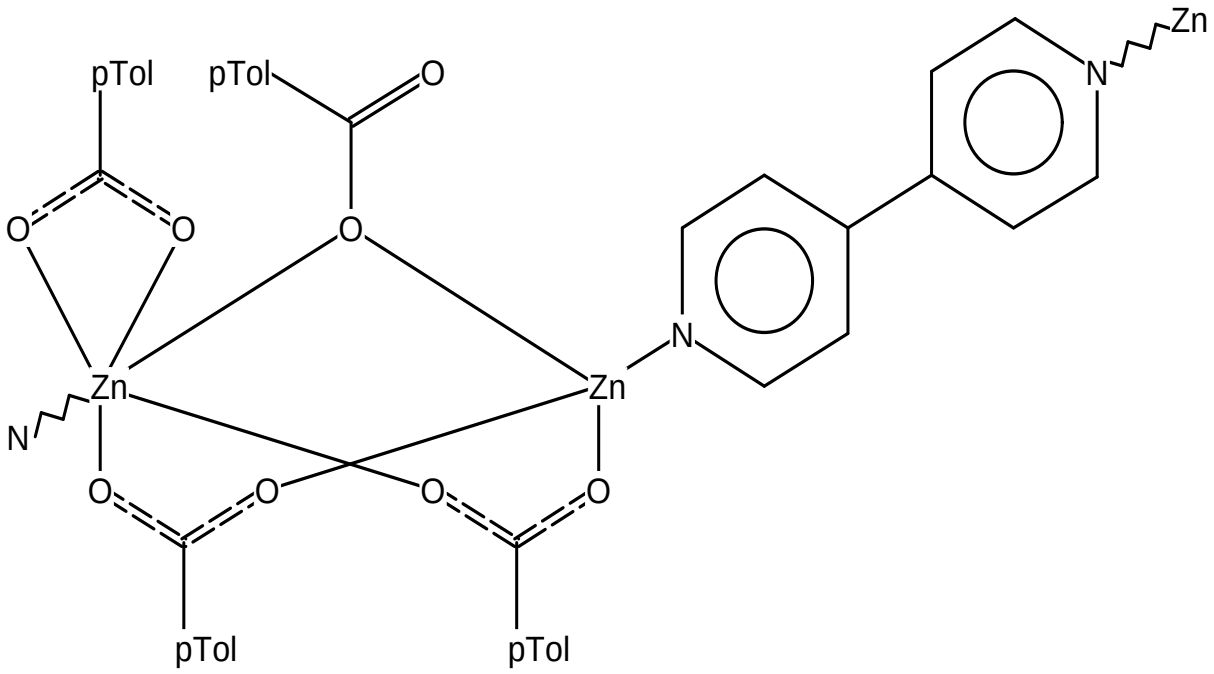
Reference: De-Yun Ma, Guo-Hua Deng (2008)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**64,**m271

Formula: $(C_{42}\ H_{36}\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-4-methylbenzoato-O,O')-(μ_2-4-methylbenzoato-O,O)-(4-methylbenzoato-O,O')-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	12.366(0)	***b***	22.076(0)	***c***	14.224(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.00(0)	γ	90.00

R-Factor (%): 4.63 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.423



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1092

JODYUX

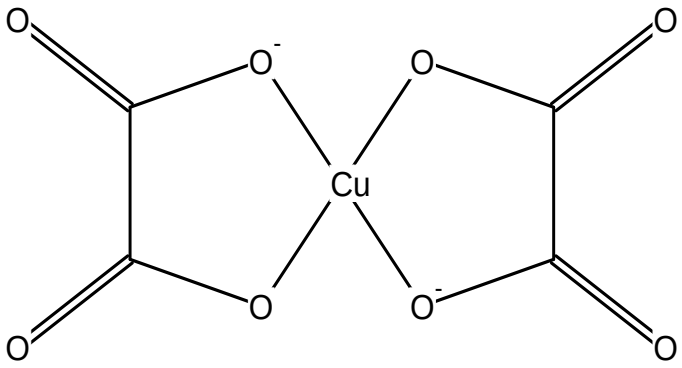
Reference: Wei Li, Hong-Peng Jia, Zhan-Feng Ju, Jie Zhang (2008) *Inorg.Chem.Commun. ,***11,**591

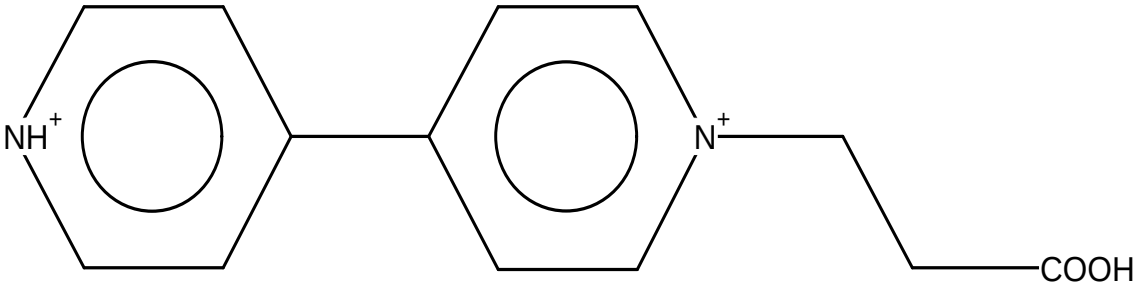
Formula: $C_{13}\,H_{14}\,N_2\,O_2^{\,2+},C_4\,Cu_1\,O_8^{\,2-},2(H_2\,O_1)$

Compound Name: 1-(2-Carboxyethyl)-4,4'-bipyridinium bis(oxalato-O,O')-copper(ii) dihydrate

Space Group:	P21/c	***Cell:***	***a*** 24.422(2)	***b*** 11.277(0)	***c*** 6.826(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 91.66(0)	γ 90.00

R-Factor (%): 6.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.788





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1093

JOGRUT

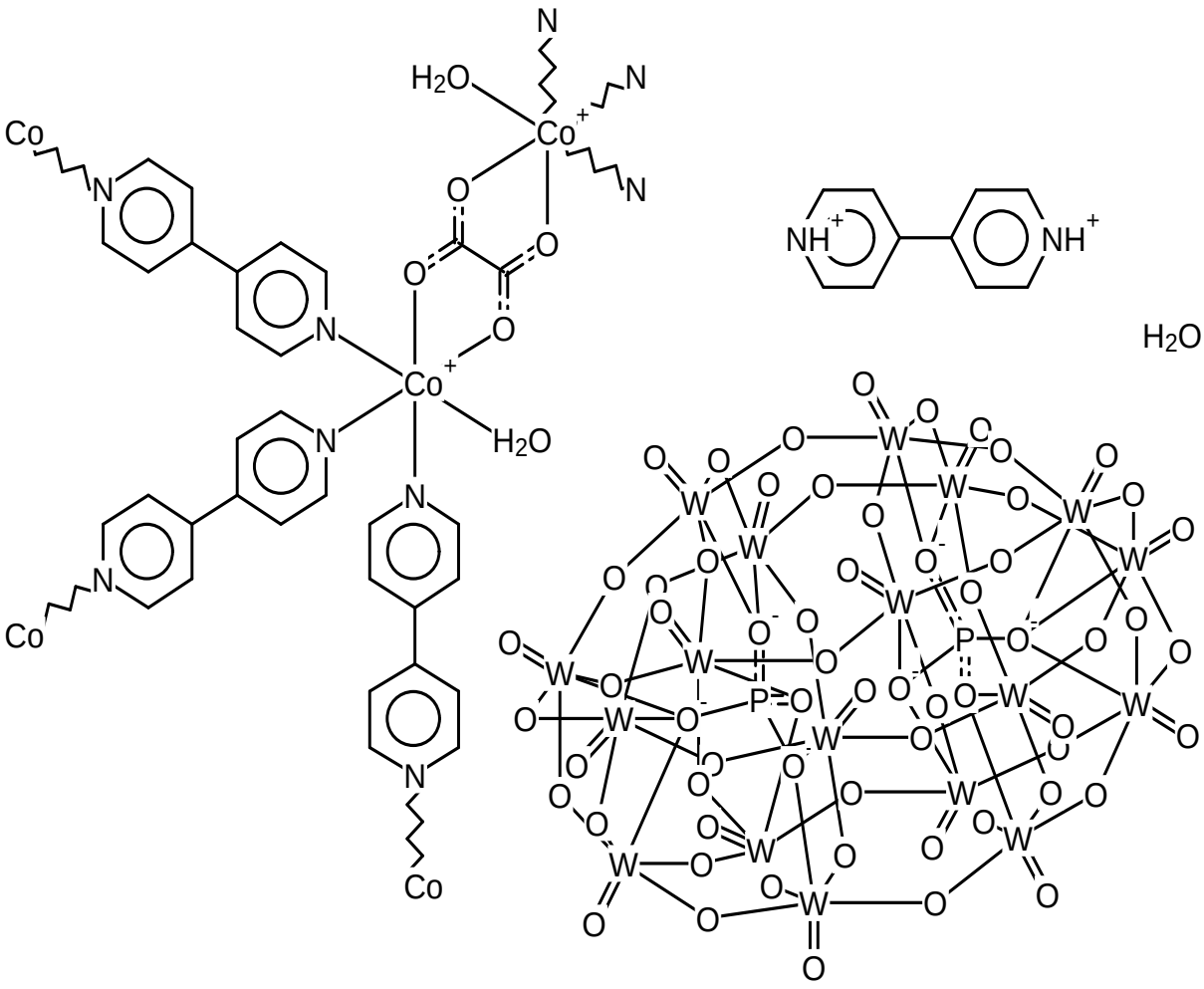
Reference: Xinyu Zhao, Dadong Liang, Shuxia Liu, Chunyan Sun, Ruige Cao, Chaoying Gao, Yuanhang Ren, Zhonming Su (2008) *Inorg.Chem. ,***47,**7133

Formula: $(C_{32}\ H_{28}\ Co_2\ N_6\ O_6\ ^{2+})n,n(O_{62}\ P_2\ W_{18}\ ^{6-}),2n(C_{10}\ H_{10}\ N_2\ ^{2+}),3n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-(μ_2-oxalato)-diaqua-di-cobalt(ii) bis(μ_9-phosphato)-hexatriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten bis(4,4'-bipyridinium) clathrate trihydrate)

Space Group:	P21/m	***Cell:***	***a***	15.183(0)	***b***	24.750(1)	***c*** 15.331(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β	111.34(0)	γ 90.00

R-Factor (%): 4.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.369



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1094

JOGSAA

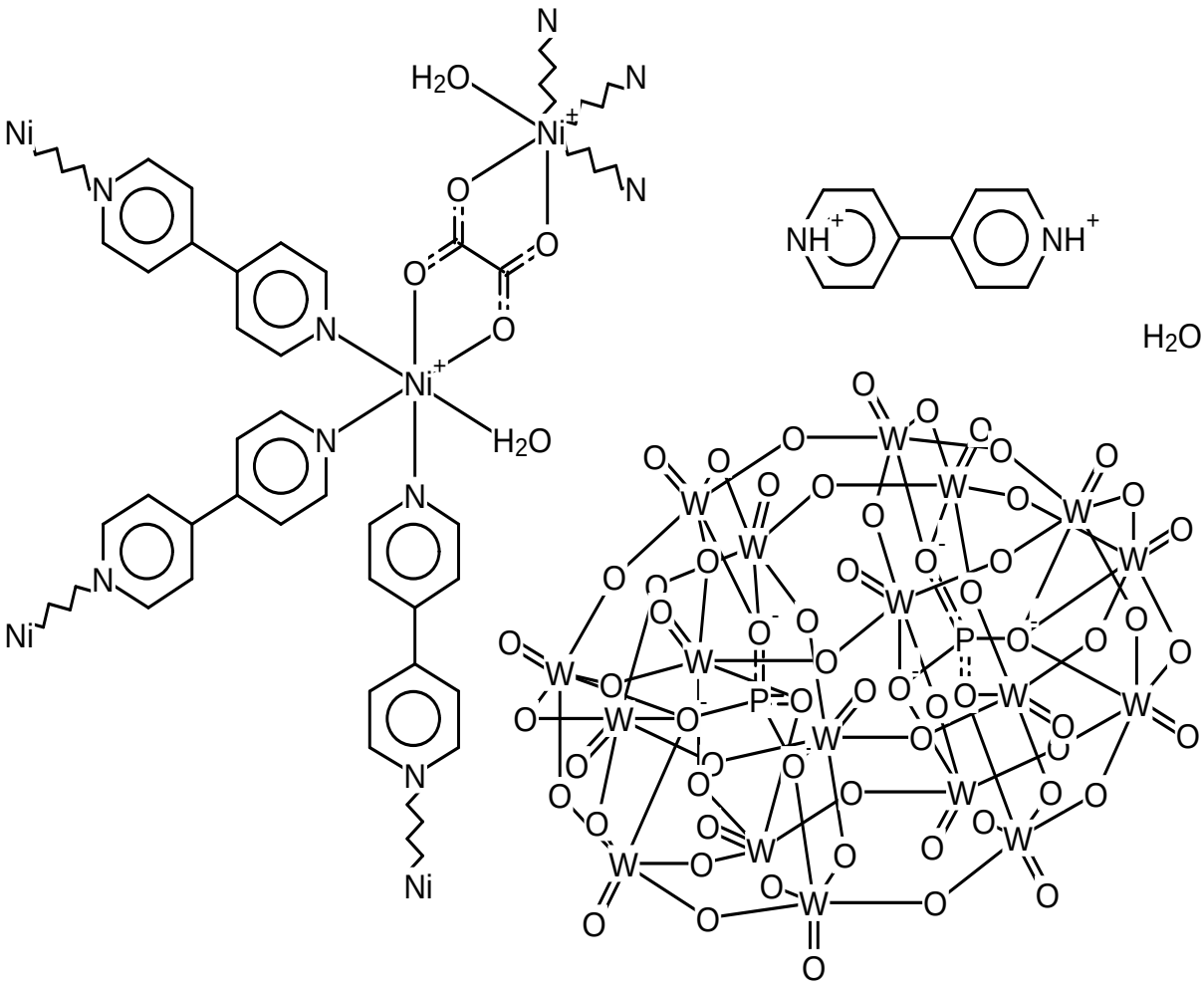
Reference: Xinyu Zhao, Dadong Liang, Shuxia Liu, Chunyan Sun, Ruige Cao, Chaoying Gao, Yuanhang Ren, Zhonming Su (2008) *Inorg.Chem. ,***47,**7133

Formula: $(C_{32}\ H_{28}\ N_6\ Ni_2\ O_6\ ^{2+})n,n(O_{62}\ P_2\ W_{18}\ ^{6-}),2n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-(μ_2-oxalato)-diaqua-di-nickel(ii) bis(μ_9-phosphato)-hexatriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten bis(4,4'-bipyridinium) clathrate dihydrate)

Space Group:	P21/m	***Cell:***	***a***	15.072(0)	***b***	24.769(1)	***c*** 15.171(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β	110.54(0)	γ 90.00

R-Factor (%): 4.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.398



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1095

JOHSUV

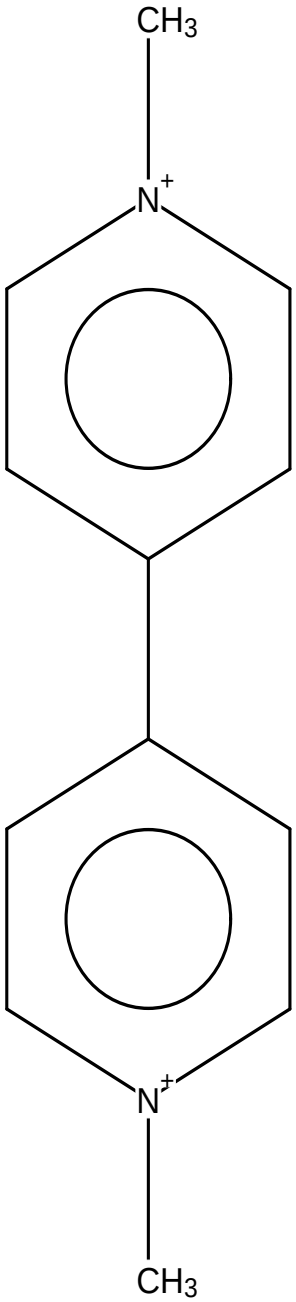
Reference: Qichun Zhang, Tao Wu, Xianhui Bu, Tri Tran, Pingyun Feng (2008) *Chem.Mater. ,***20,**4170

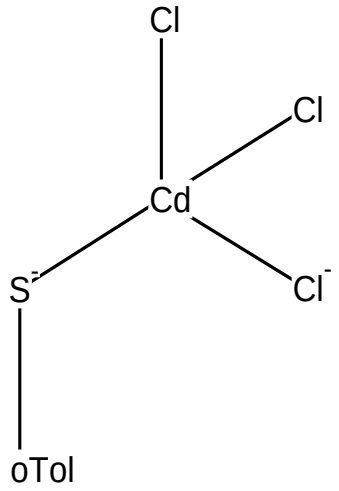
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},C_7\ H_7\ Cd_1\ Cl_3\ S_1\ ^{2-}$

Compound Name: Methyl viologen trichloro-(2-methylphenylthiolato)-cadmium

Space Group:	P21/n	***Cell:***	***a***	8.230(0)	***b*** 17.861(0)	***c***	15.400(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 95.06(0)	γ	90.00

R-Factor (%): 4.24 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.556





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1096

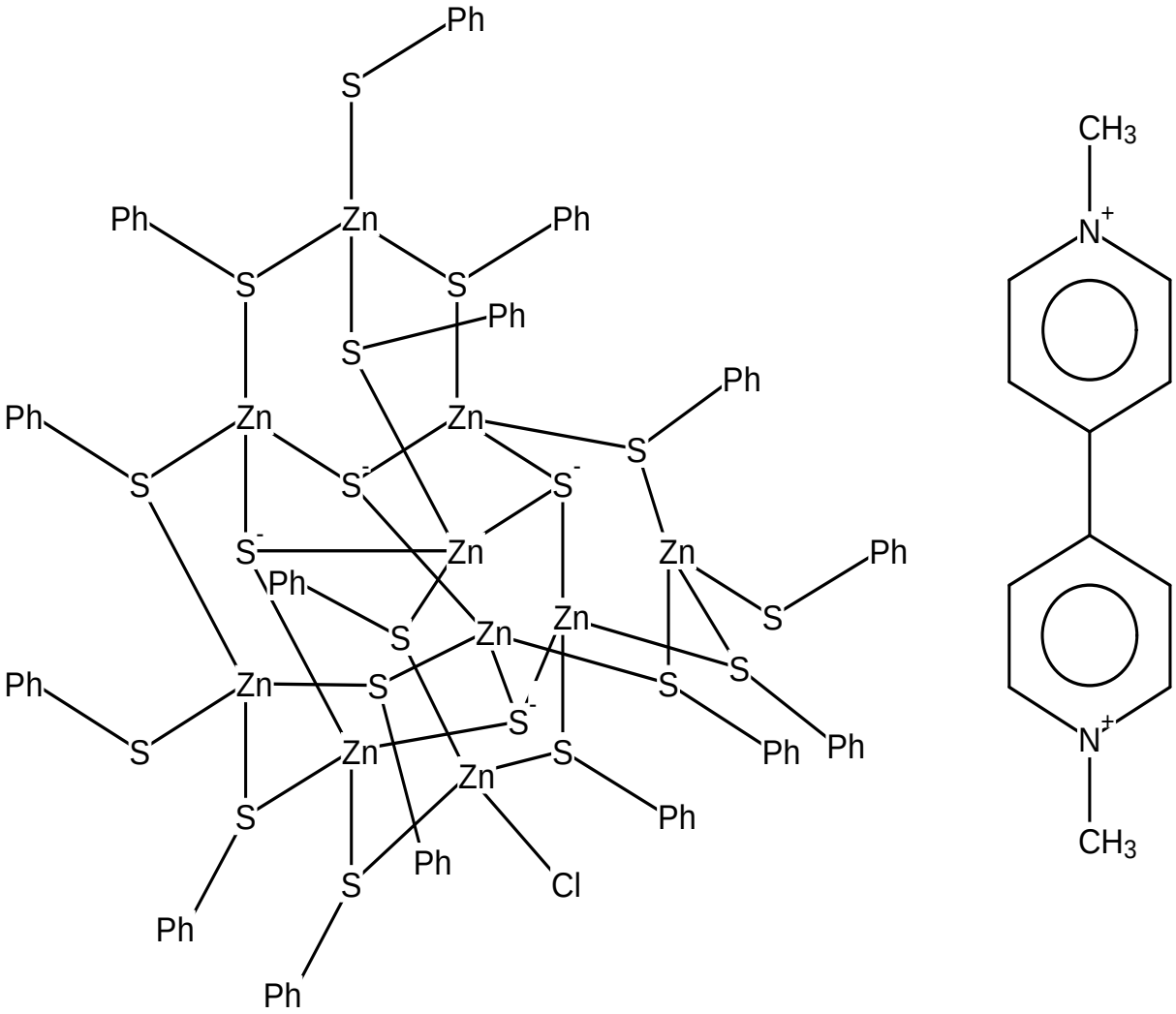
JOHTAC

Reference: Qichun Zhang, Tao Wu, Xianhui Bu, Tri Tran, Pingyun Feng (2008) *Chem.Mater. ,***20,**4170

Formula: $2(C_{12}H_{14}N_2^{2+}),C_{90}H_{75}Cl_1S_{19}Zn_{10}^{4-}$

Compound Name: bis(Methyl viologen) tetrakis(μ_3-sulfido)-dodecakis(μ_2-phenylthiolato)-tris(phenylthiolato)-chloro-deca-zinc

Space Group:	P212121	***Cell:***	***a***	18.661(0)	***b***	18.659(0)	***c***	33.983(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	9.76	***Temperature(K):***	150		***Density(g/cm^3):***	1.587		



Search: search1 (Thu May 26 10:05:42 2011): Hit 1097

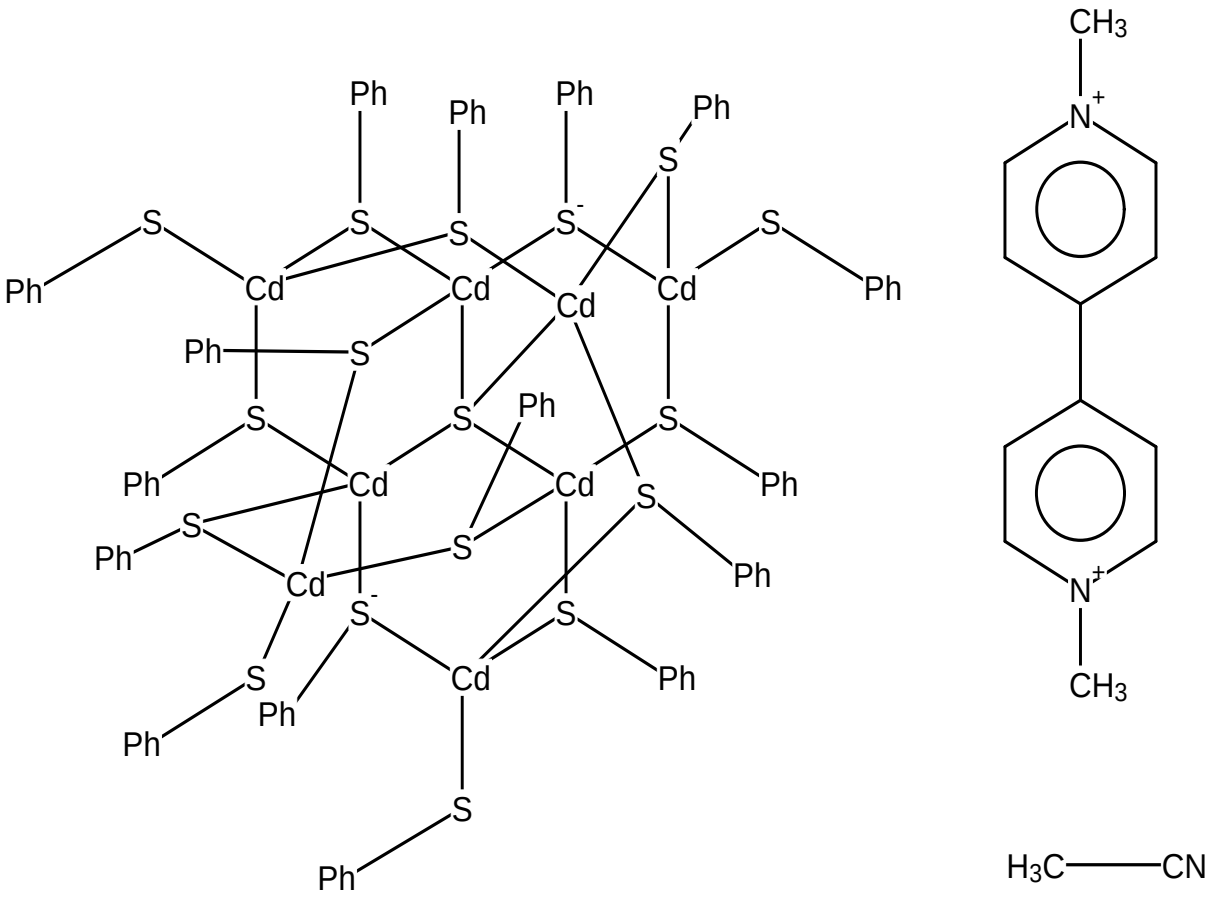
JOHTEG

Reference: Qichun Zhang, Tao Wu, Xianhui Bu, Tri Tran, Pingyun Feng (2008) *Chem.Mater. ,***20,**4170

Formula: $C_{12}\,H_{14}\,N_2\,^{2+}$,$C_{96}\,H_{80}\,Cd_8\,S_{17}\,^{2-}$,$C_2\,H_3\,N_1$

Compound Name: Methyl viologen (μ_4-sulfido)-dodecakis(μ_2-phenylthiolato)-tetrakis(phenylthiolato)-octa-cadmium acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	15.261(0)	***b*** 27.917(0)	***c***	26.479(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.78(0)	γ	90.00
R-Factor (%):	5.74	***Temperature(K):***	150		***Density(g/cm^3):***		1.747



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1098

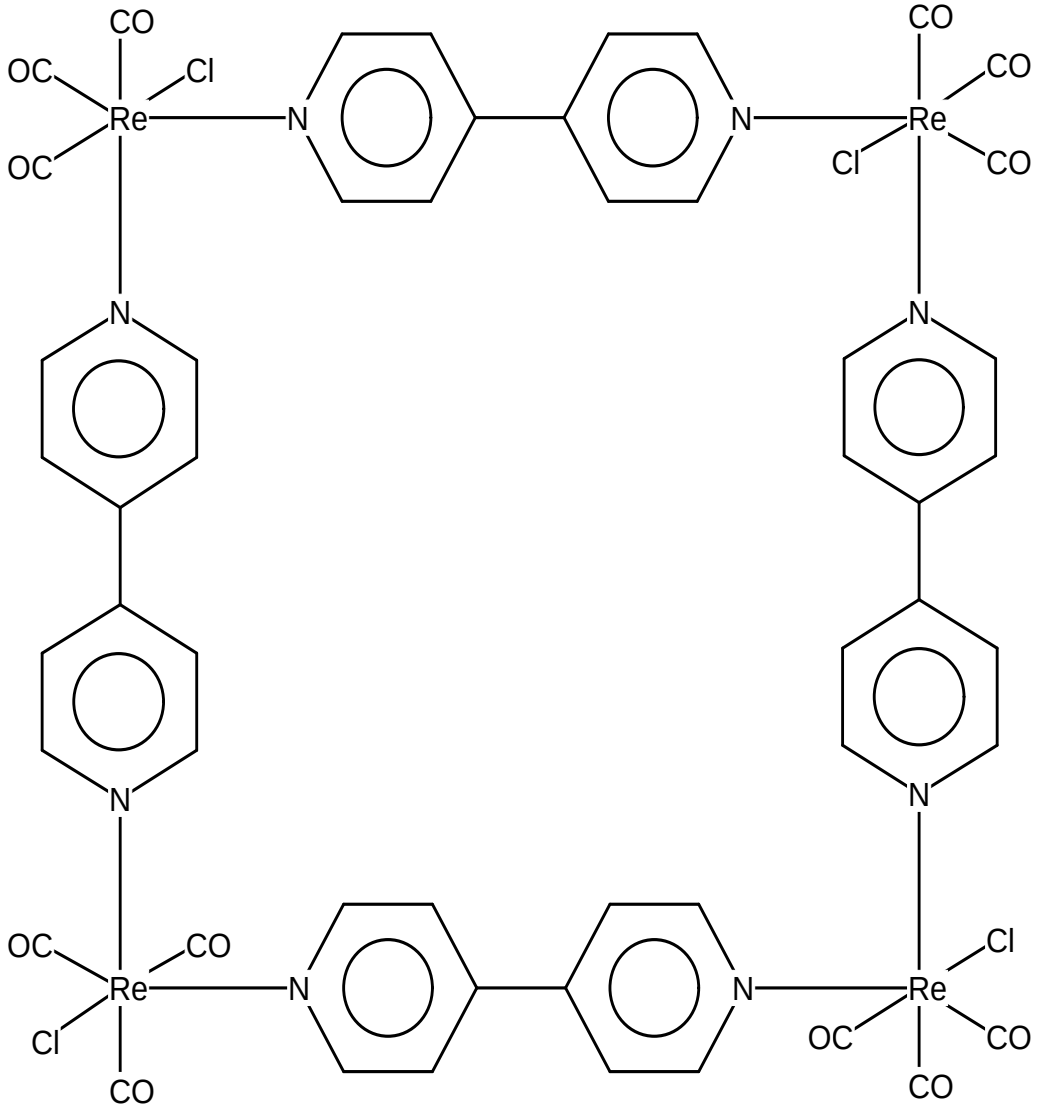
JOQBAS

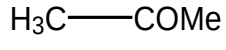
Reference: S.Belanger, J.T.Hupp, C.L.Stern, R.V.Slone, D.F.Watson, T.G.Carrell (1999) *J.Am.Chem.Soc. ,***121,**557

Formula: $C_{52}\ H_{32}\ Cl_4\ N_8\ O_{12}\ Re_4,0.5(C_3\ H_6\ O_1)$

Compound Name: tetrakis(μ_2-4,4'-Bipyridine)-dodecacarbonyl-tetrachloro-tetra-rhenium acetone solvate

Space Group:	I-4	***Cell:***	***a***	22.720(20)	***b***	22.720(20)	***c***	13.540(10)
Space Group No.:	82	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.87	***Temperature(K):***	153		***Density(g/cm^3):***	1.783		





Search: search1 (Thu May 26 10:05:42 2011): Hit 1099

JOQDIC

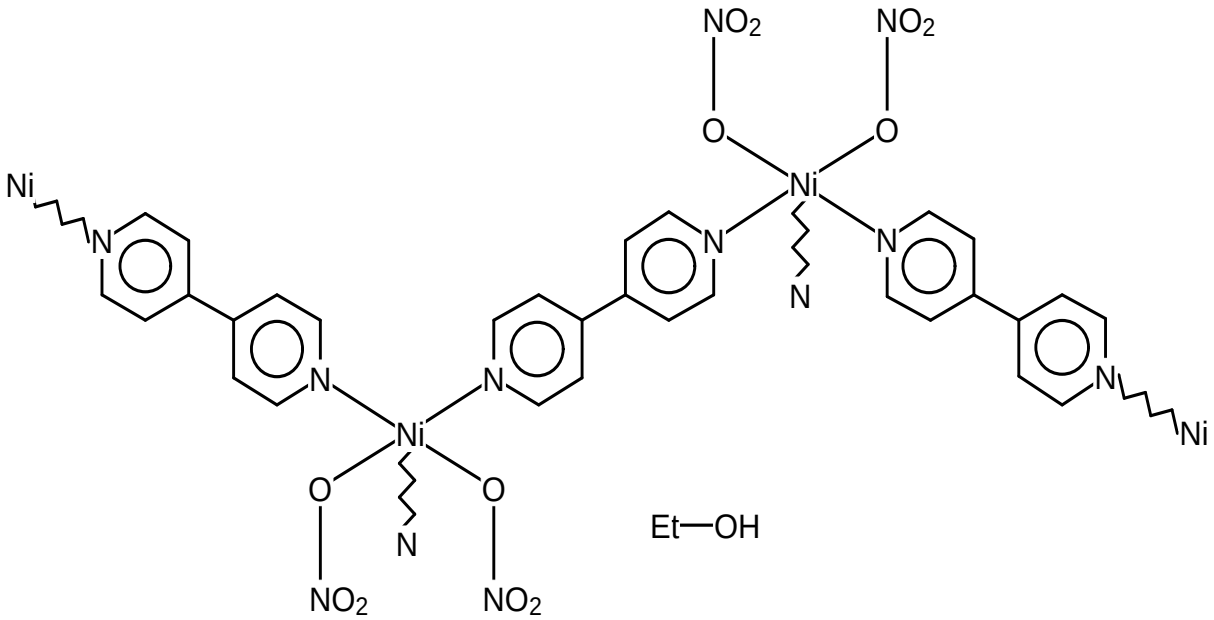
Reference: C.J.Kepert, M.J.Rosseinsky (1999) *Chem.Commun.* ,375

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n,2n(C_2\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel ethanol solvate)

Space Group:	Ccca	***Cell:***	***a***	12.156(2)	***b***	18.891(3)	***c*** 17.584(3)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.48 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1100

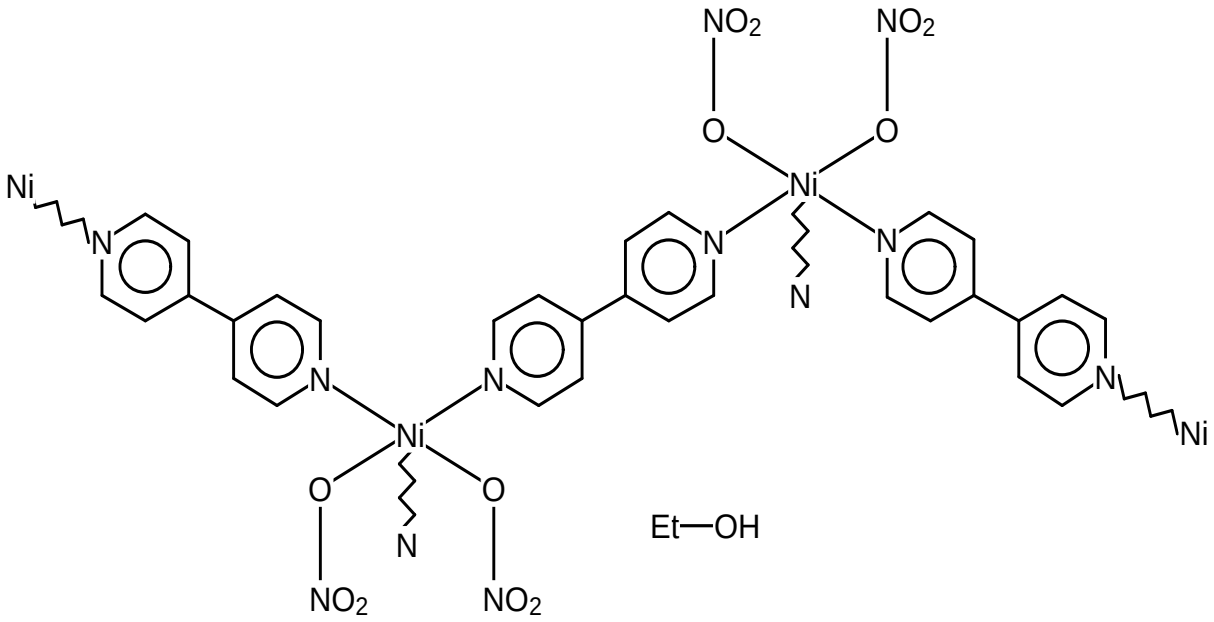
JOQDIC01

Reference: A.J.Fletcher, E.J.Cussen, D.Bradshaw, M.J.Rosseinsky, K.M.Thomas (2004) *J.Am.Chem.Soc.* ,**126,**9750

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n,2n(C_2\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel ethanol solvate)

Space Group:	Ccca	***Cell:***	***a***	12.156(2)	***b***	18.891(3)	***c*** 17.584(3)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	8.48	***Temperature(K):***	293		***Density(g/cm^3):***		1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1101

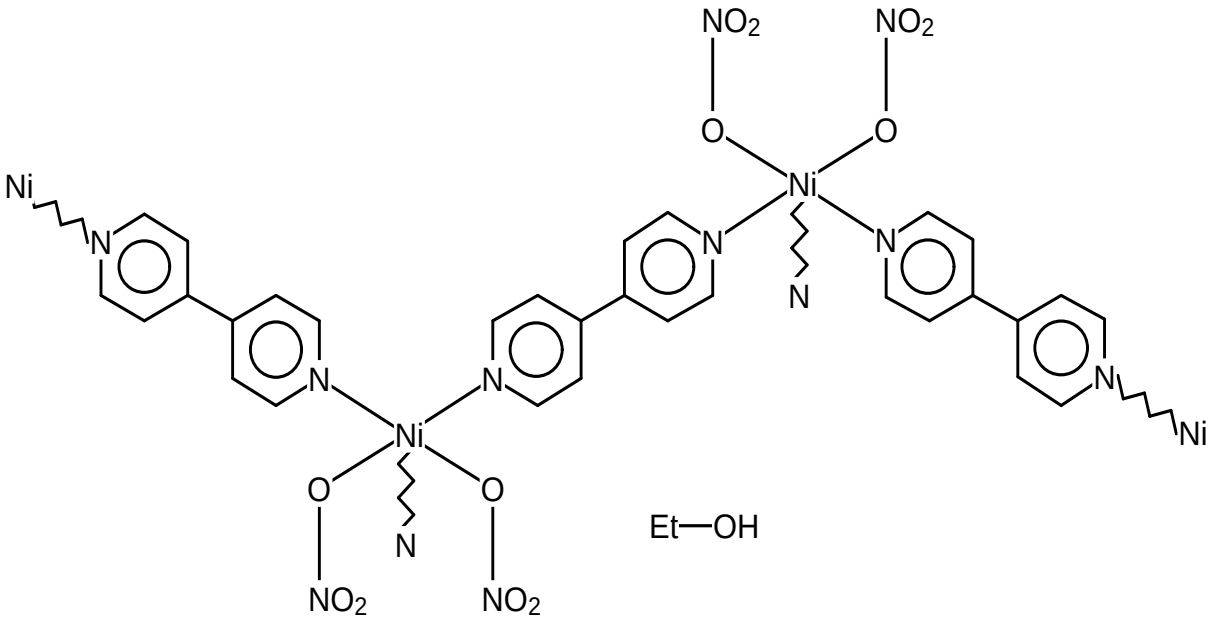
JOQDIC02

Reference: Xuebo Zhao, Bo Xiao, A.J.Fletcher, K.M.Thomas, D.Bradshaw, M.J.Rosseinsky (2004) *Science* ,**306,**1012

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n,2n(C_2\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel ethanol solvate)

Space Group:	Ccca	***Cell:***	***a***	12.156(2)	***b***	18.891(3)	***c*** 17.584(3)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	8.48	***Temperature(K):***	293		***Density(g/cm^3):***		1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1102

JOQDOI

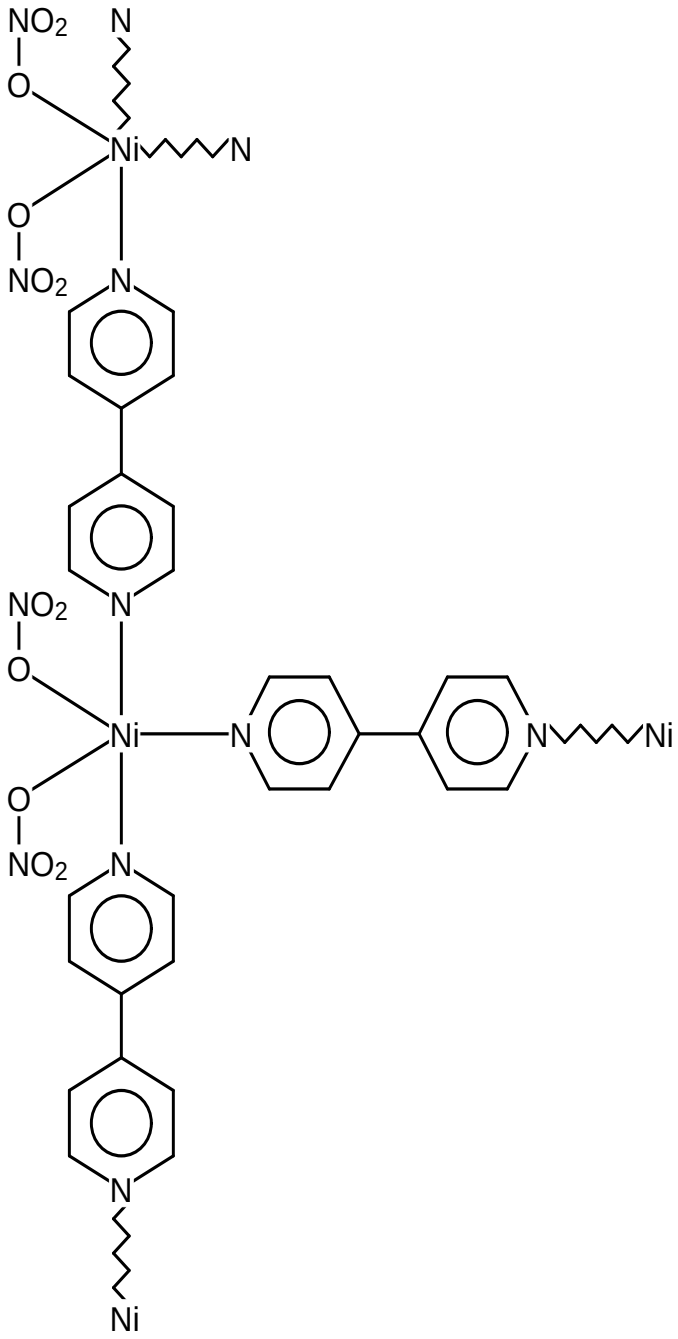
Reference: C.J.Kepert, M.J.Rosseinsky (1999) *Chem.Commun.* ,375

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel)

Space Group:	Ccca	***Cell:***	***a***	11.883(1)	***b***	19.049(1)	***c***	17.415(1)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	6.76	***Temperature(K):***	375	***Density(g/cm^3):***	1.405



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1103

JOQDOI01

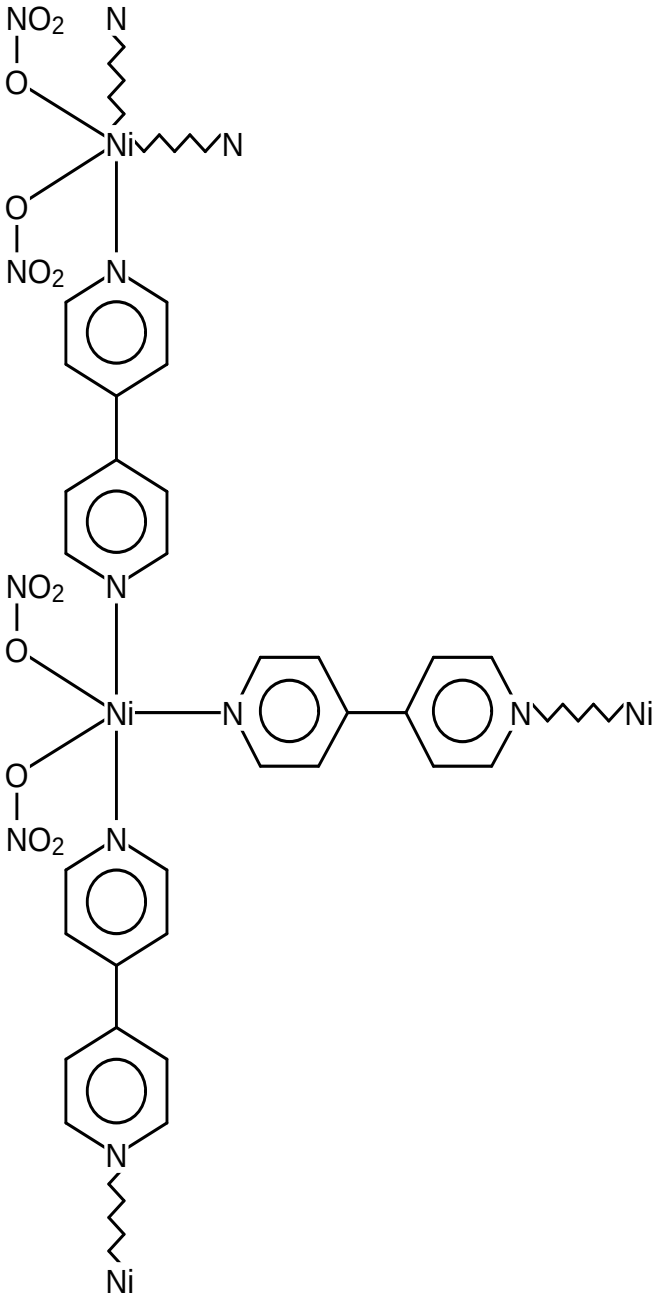
Reference: E.J.Cussen, J.B.Claridge, M.J.Rosseinsky, C.J.Kepert (2002) *J.Am.Chem.Soc.* ,**124,**9574

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel)

Space Group:	Fddd	***Cell:***	***a***	11.262(3)	***b***	20.408(18)	***c***	34.360(11)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.61 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.403



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1104

JOQDOI02

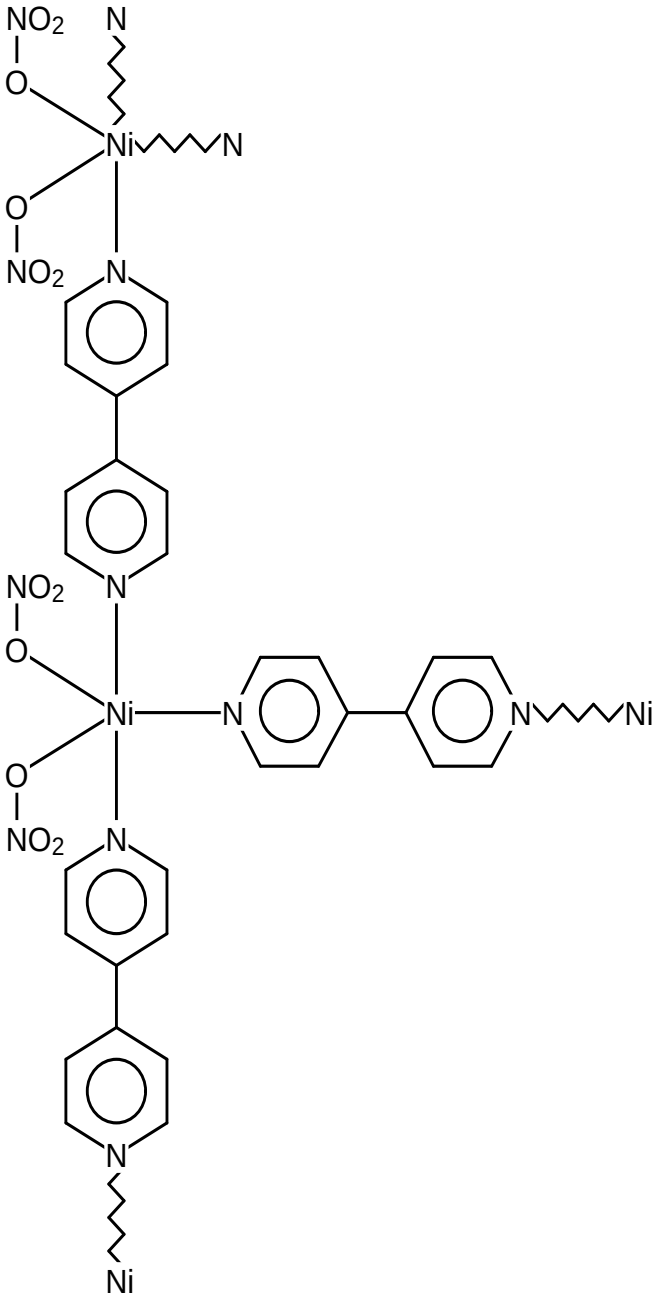
Reference: A.J.Fletcher, E.J.Cussen, D.Bradshaw, M.J.Rosseinsky, K.M.Thomas (2004) *J.Am.Chem.Soc.* ,**126,**9750

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel)

Space Group:	Ccca	***Cell:***	***a***	11.883(1)	***b***	19.049(1)	***c***	17.415(1)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.76 ***Temperature(K):*** 375 ***Density(g/cm^3):*** 1.405



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1105

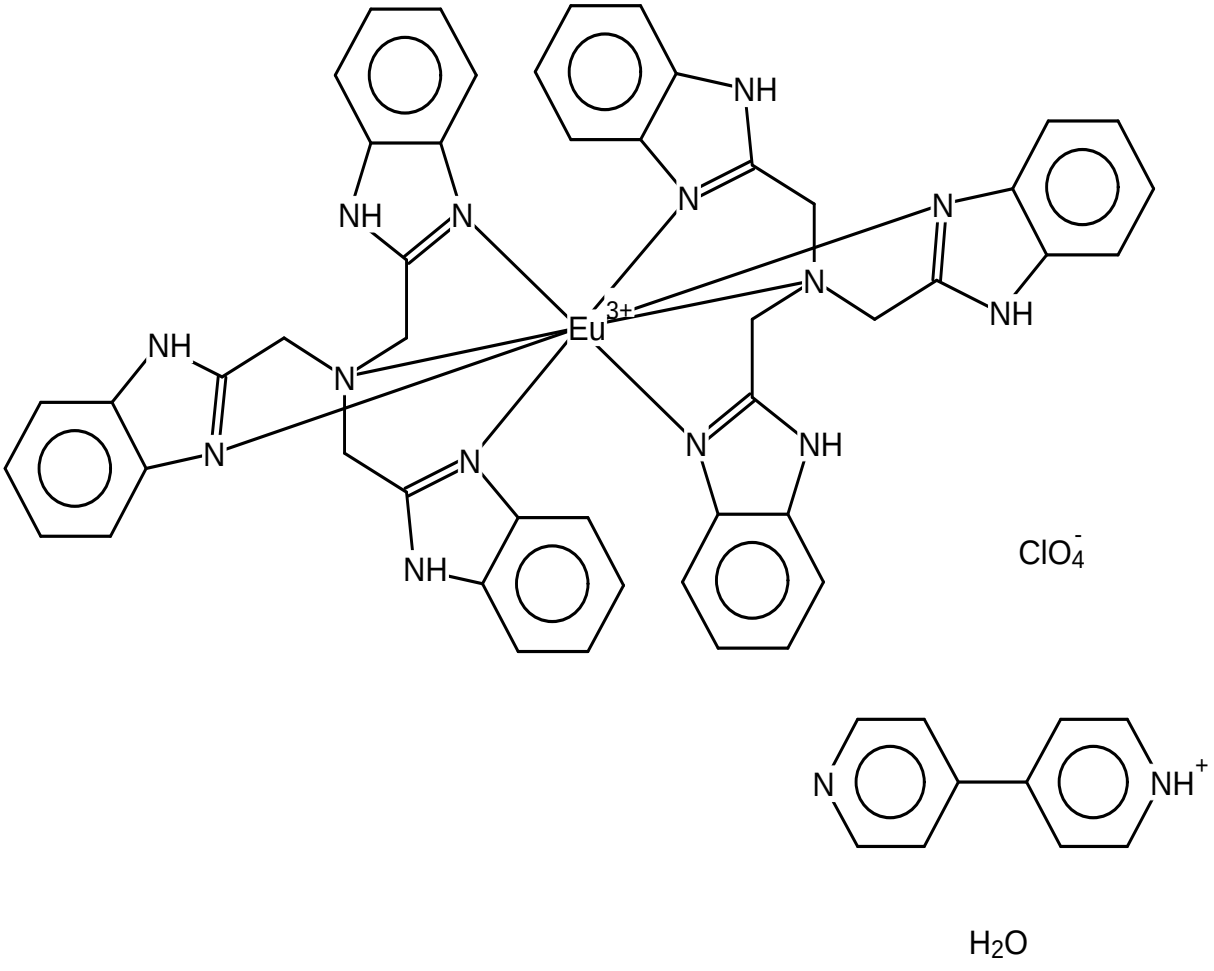
JOSQUD

Reference: Cheng-Yong Su, Bei-Sheng Kang, Han-Qin Liu, Qi-Ghang Wang, T.C.W.Mak (1998) *Chem.Commun.* ,1551

Formula: $C_{48}\ H_{42}\ Eu_1\ N_{14}\ ^{3+},C_{10}\ H_9\ N_2\ ^{1+},4(Cl_1\ O_4\ ^{1-}),3(H_2\ O_1)$

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-europium(iii) 4,4-bipyridinium tetraperchlorate trihydrate

Space Group:	Pca21	***Cell:***	***a***	26.109(3)	***b***	12.778(1)	***c*** 20.755(3)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	7.10	***Temperature(K):***	295		***Density(g/cm^3):***		1.512



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1106

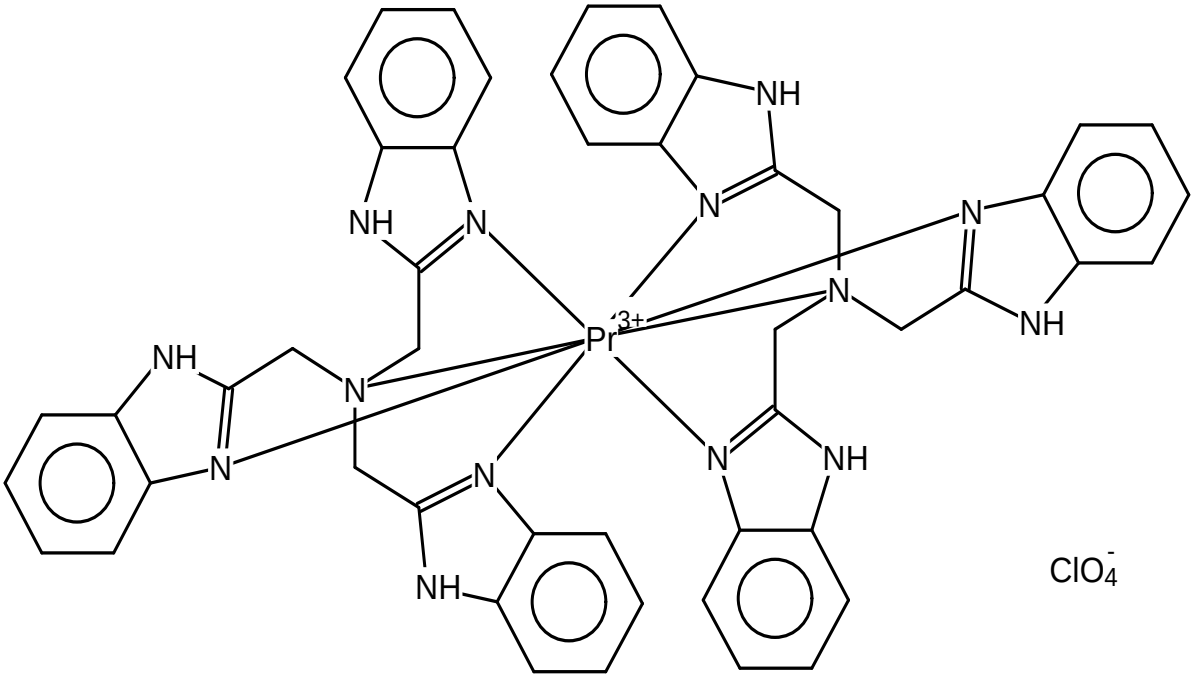
JOSTAM

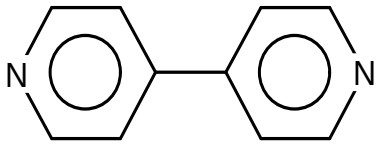
Reference: Cheng-Yong Su, Bei-Sheng Kang, Han-Qin Liu, Qi-Ghang Wang, T.C.W.Mak (1998) *Chem.Commun.* ,1551

Formula: $C_{48}\ H_{42}\ N_{14}\ Pr_1\ ^{3+}$,2($C_{10}\ H_8\ N_2$),3($Cl_1\ O_4\ ^{1-}$),1.5($H_2\ O_1$)

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-praseodymium(iii) 4,4-bipyridine triperchlorate sesquihydrate

Space Group:	C2	***Cell:***	***a***	20.562(2)	***b*** 16.303(1)	***c***	24.079(2)
Space Group No.:	5	***(Å,°)***	α	90.00	β 109.04(1)	γ	90.00
R-Factor (%):	7.80	***Temperature(K):***	295		***Density(g/cm^3):***		1.387





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1107

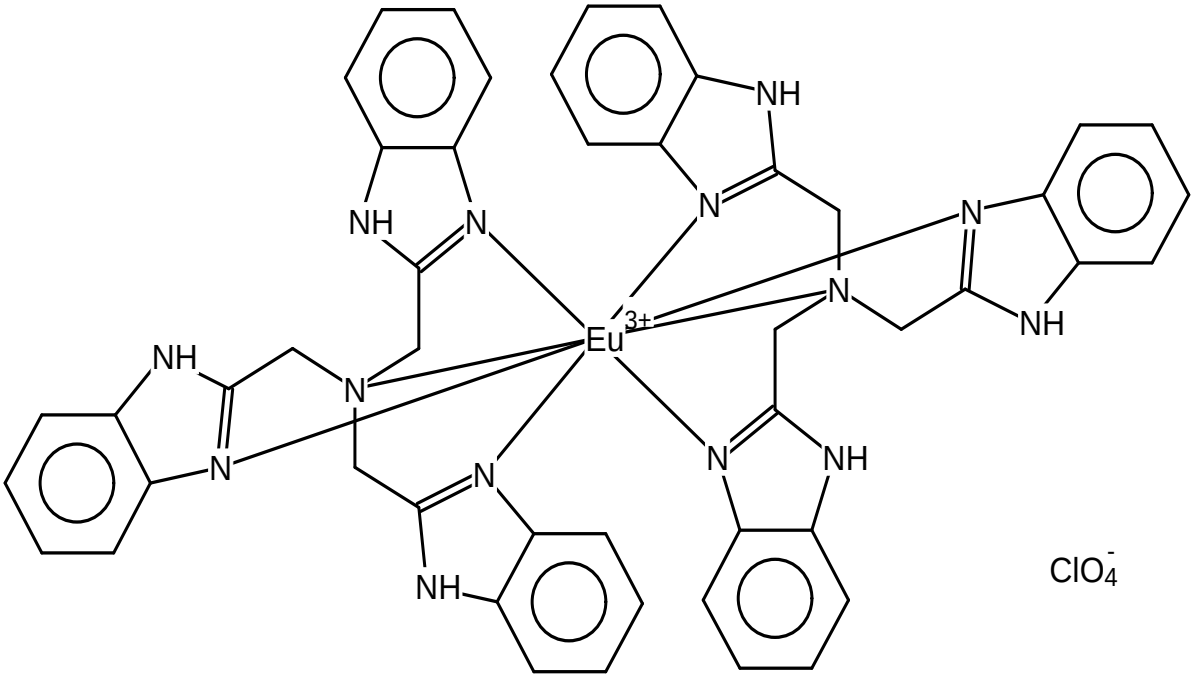
JOSTEQ

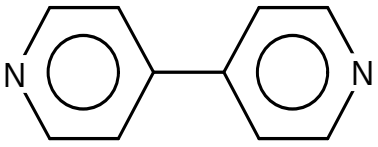
Reference: Cheng-Yong Su, Bei-Sheng Kang, Han-Qin Liu, Qi-Ghang Wang, T.C.W.Mak (1998) *Chem.Commun.* ,1551

Formula: $C_{48}\ H_{42}\ Eu_1\ N_{14}\ ^{3+}$,3($C_{10}\ H_8\ N_2$),3($Cl_1\ O_4\ ^{1-}$),2($H_2\ O_1$)

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-europium(iii) tris(4,4'-bipyridine) triperchlorate dihydrate

Space Group:	R3	***Cell:***	***a***	16.449(2)	***b***	16.449(2)	***c*** 27.354(4)
Space Group No.:	146	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	7.80	***Temperature(K):***	295	***Density(g/cm^3):***	1.376		





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1108

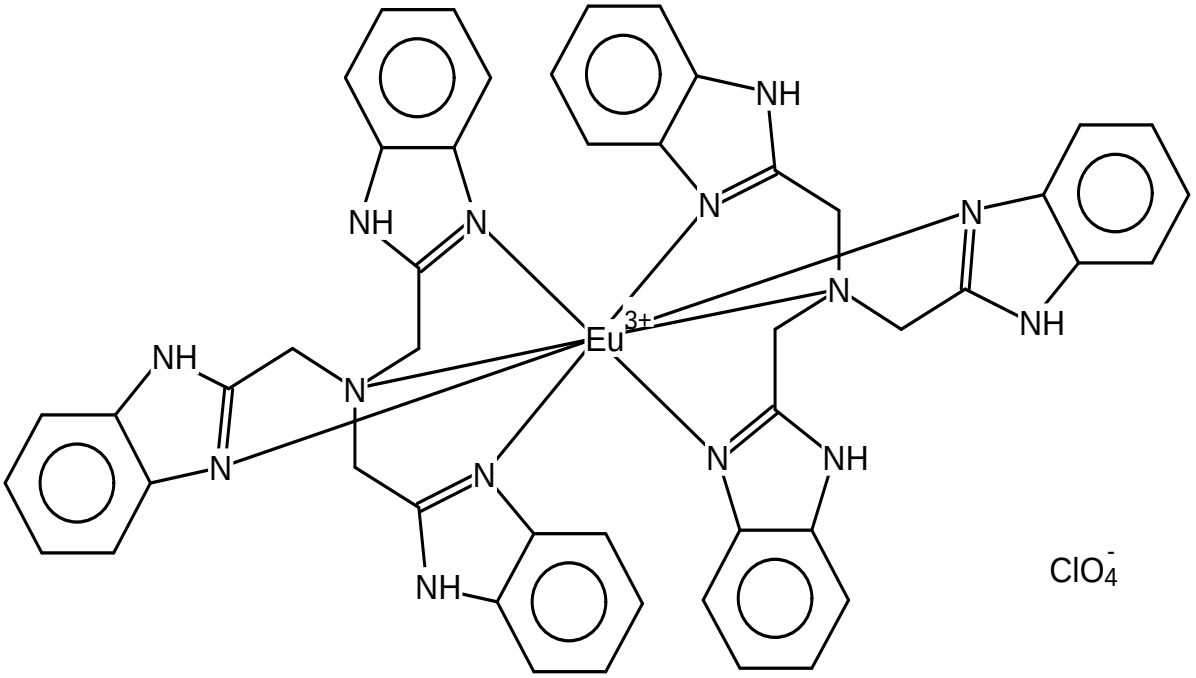
JOSTEQ01

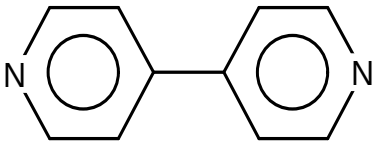
Reference: R.E.Marsh, A.L.Spek (2001)
*Acta Crystallogr.,Sect.B:Struct.Sci. ,***57,**800

Formula: $C_{48}\ H_{42}\ Eu_1\ N_{14}\ ^{3+}$,3($C_{10}\ H_8\ N_2$),3($Cl_1\ O_4\ ^{1-}$),2($H_2\ O_1$)

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-europium(iii) tris(4,4'-bipyridine) triperchlorate dihydrate

Space Group:	R32r	***Cell:***	***a***	13.165	***b***	13.165	***c*** 13.165
Space Group No.:	155	***(Å,°)***	α	77.32	β	77.32	γ 77.32
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***	1.376	





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1109

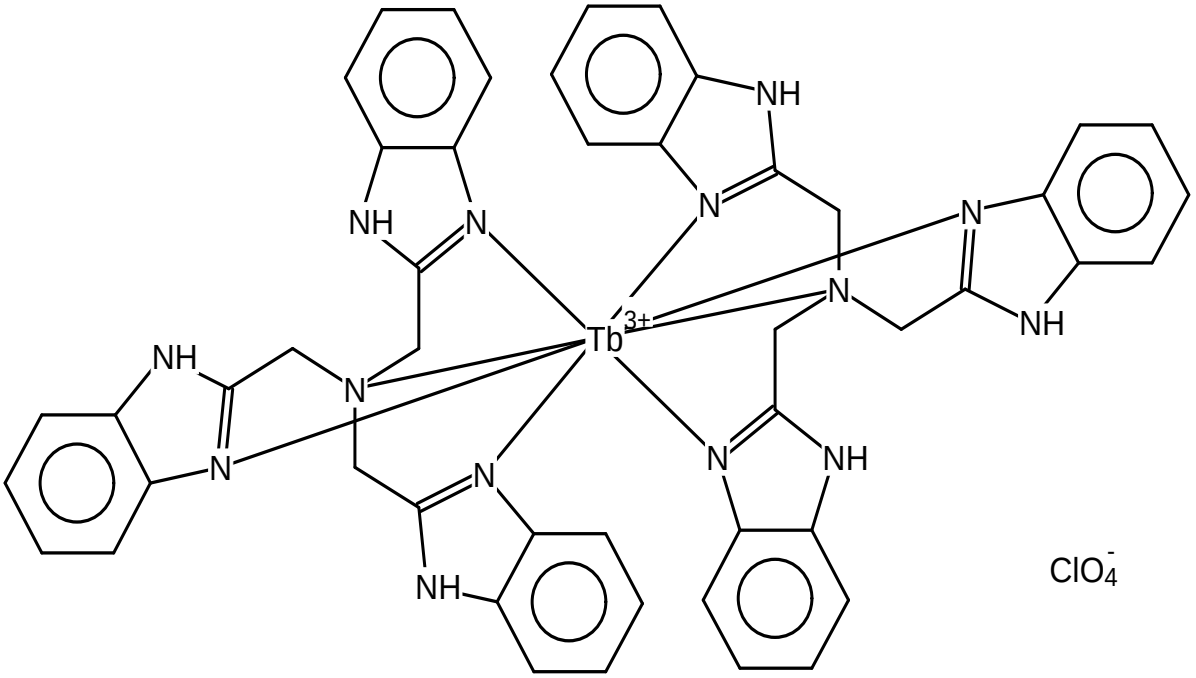
JOSXAQ

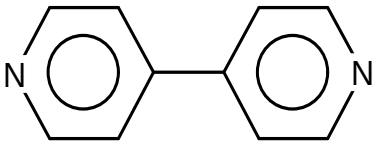
Reference: Cheng-Yong Su, Bei-Sheng Kang, Han-Qin Liu, Qi-Ghang Wang, T.C.W.Mak (1998) *Chem.Commun.* ,1551

Formula: $C_{48}\ H_{42}\ N_{14}\ Tb_1\ ^{3+},3(C_{10}\ H_8\ N_2),3(Cl_1\ O_4\ ^{1-}),H_2\ O_1$

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-terbium(iii) tris(4,4'-bipyridine) triperchlorate monohydrate

Space Group:	C2	***Cell:***	***a***	20.503(2)	***b*** 16.323(1)	***c***	13.083(1)
Space Group No.:	5	***(Å,°)***	α	90.00	β 106.61(1)	γ	90.00
R-Factor (%):	6.84	***Temperature(K):***	295		***Density(g/cm^3):***		1.392





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1110

JOSXAQ01

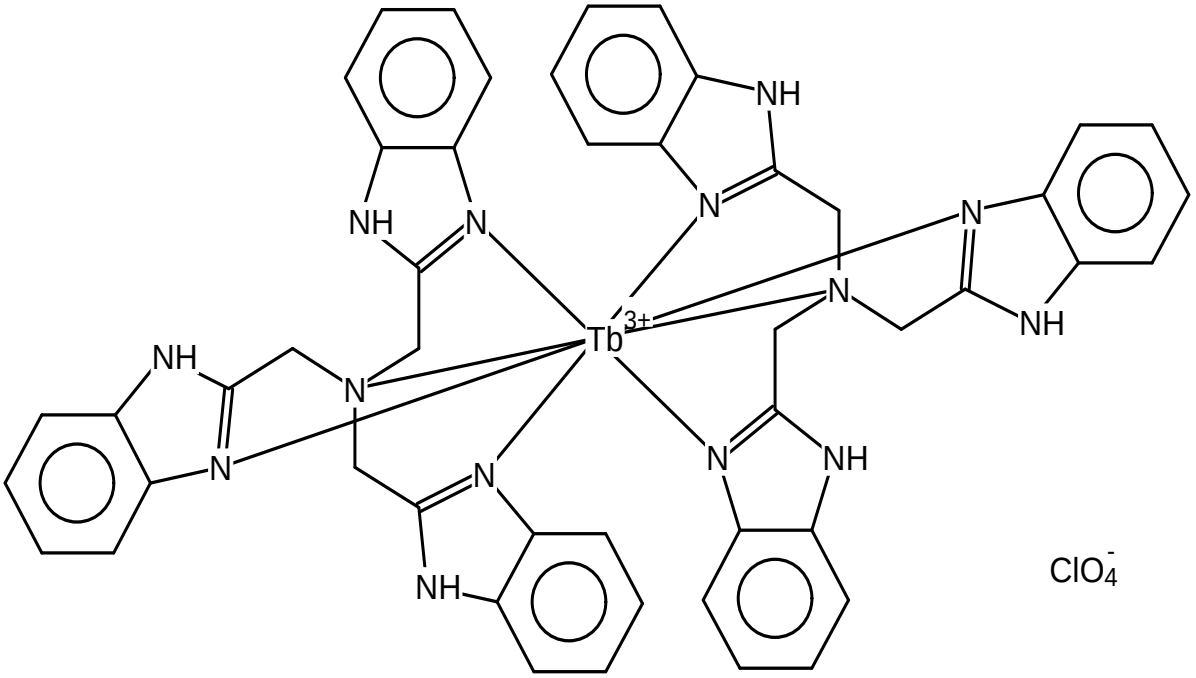
Reference: R.E.Marsh, A.L.Spek (2001)
*Acta Crystallogr.,Sect.B:Struct.Sci. ,***57,**800

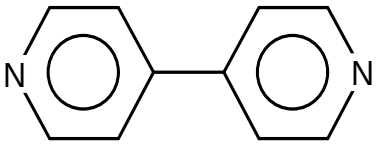
Formula: $C_{48}\ H_{42}\ N_{14}\ Tb_1\ ^{3+},3(C_{10}\ H_8\ N_2),3(Cl_1\ O_4\ ^{1-}),H_2\ O_1$

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-terbium(iii) tris(4,4'-bipyridine) triperchlorate monohydrate

Space Group:	R32r	***Cell:***	***a***	13.097	***b*** 13.097	***c***	13.097
Space Group No.:	155	***(Å,°)***	α	77.07	β 77.07	γ	77.07

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.392





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1111

JOZBUV

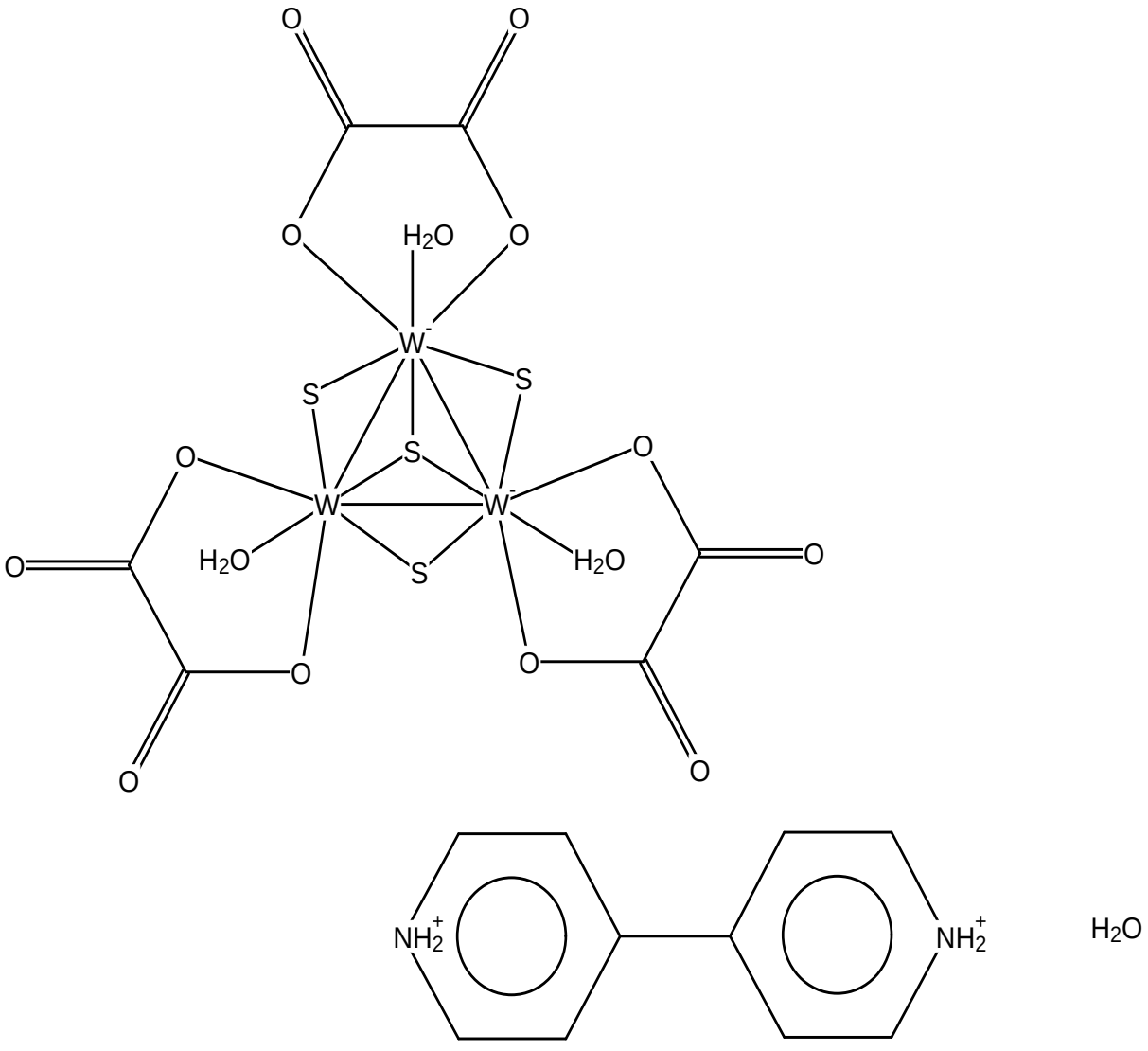
Reference: V.P.Fedin, M.N.Sokolov, A.V.Virovets, N.V.Podberezskaya, V.Ye.Fedorov (1992) *Polyhedron* ,**11,**853

Formula: $C_6\ H_6\ O_{15}\ S_4\ W_3\ ^{2-}$,$C_{10}\ H_{12}\ N_2\ ^{2+}$,5($H_2\ O_1$)

Compound Name: 4,4'-Bipyridylium (μ_3-sulfido)-tris(μ_2-sulfido)-triaqua-tris(oxalato-O,O')-tri-tungsten pentahydrate

Space Group:	Cc	***Cell:***	***a***	17.931(7)	***b*** 10.391(2)	***c***	18.841(8)
Space Group No.:	9	***(Å,°)***	α	90.00	β 117.81(1)	γ	90.00

R-Factor (%): 4.25 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.670



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1112

KAGQEP

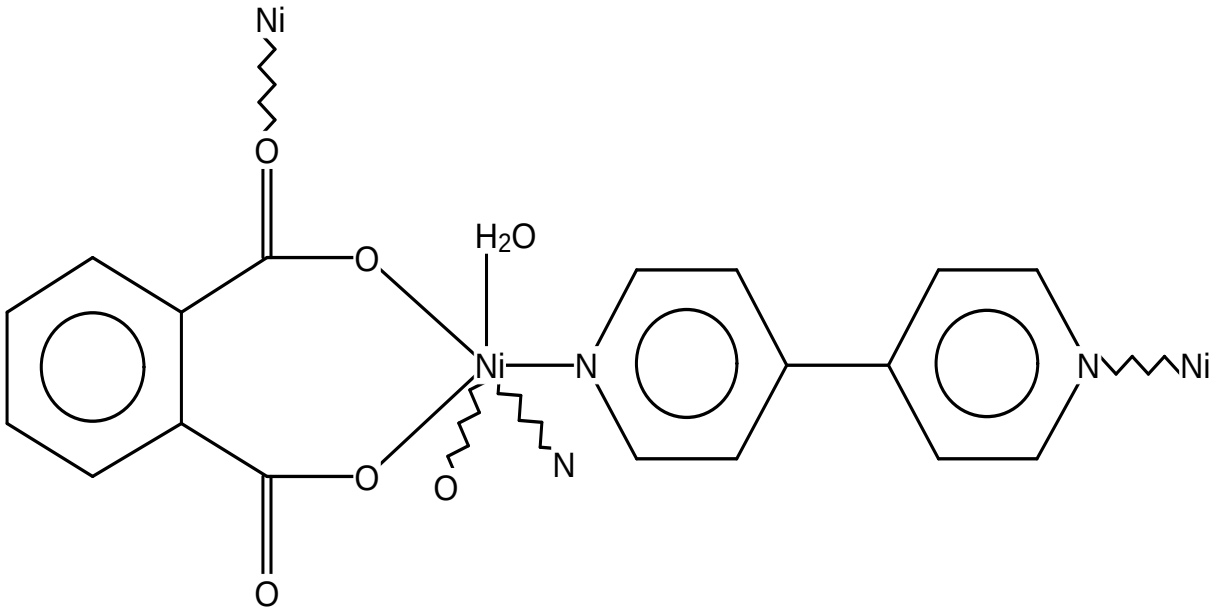
Reference: Shi-Yao Yang, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng, S.W.Ng (2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**59,**m507

Formula: $(C_{18}\ H_{14}\ N_2\ Ni_1\ O_5)n,3n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(μ_2-phthalato-O,O',O'')-aqua-nickel(ii) trihydrate)

Space Group:	P21	***Cell:***	***a***	11.134(2)	***b*** 8.379(2)	***c***	11.265(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β 115.39(3)	γ	90.00

R-Factor (%): 6.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.578



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1113

KAGQOZ

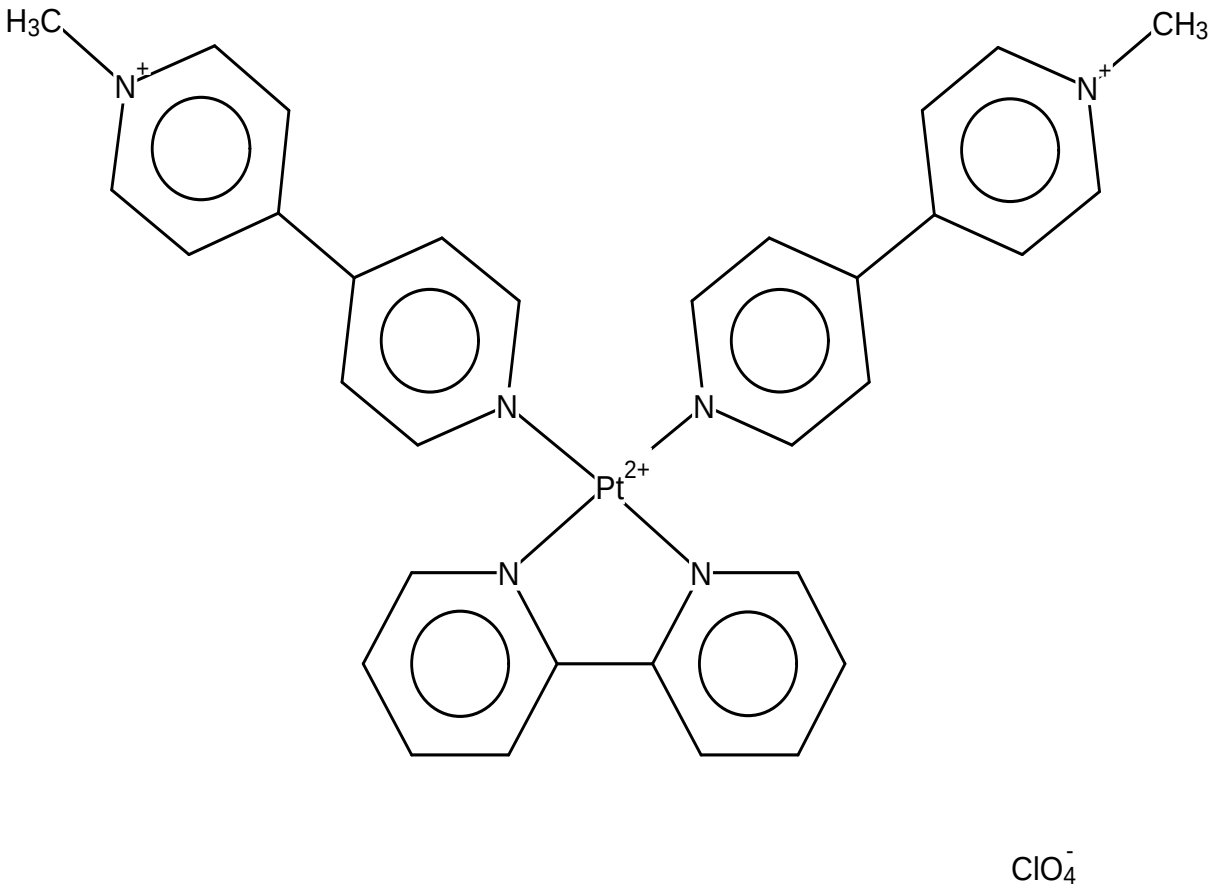
Reference: K.Sakai, M.Osada, Y.Yokoyama, Y.Tomita, T.Tsubomura (2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***59,**m512

Formula: $C_{32}\ H_{30}\ N_6\ Pt_1\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$)

Compound Name: (2,2'-Bipyridine)-bis(N-methyl-4,4'-bipyridinium)-platinum(ii) tetraperchlorate

Space Group:	P21/n	***Cell:***	***a***	10.069(0)	***b*** 35.111(3)	***c***	11.730(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.84(0)	γ	90.00

R-Factor (%): 4.71 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.786



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1114

KAGQUF

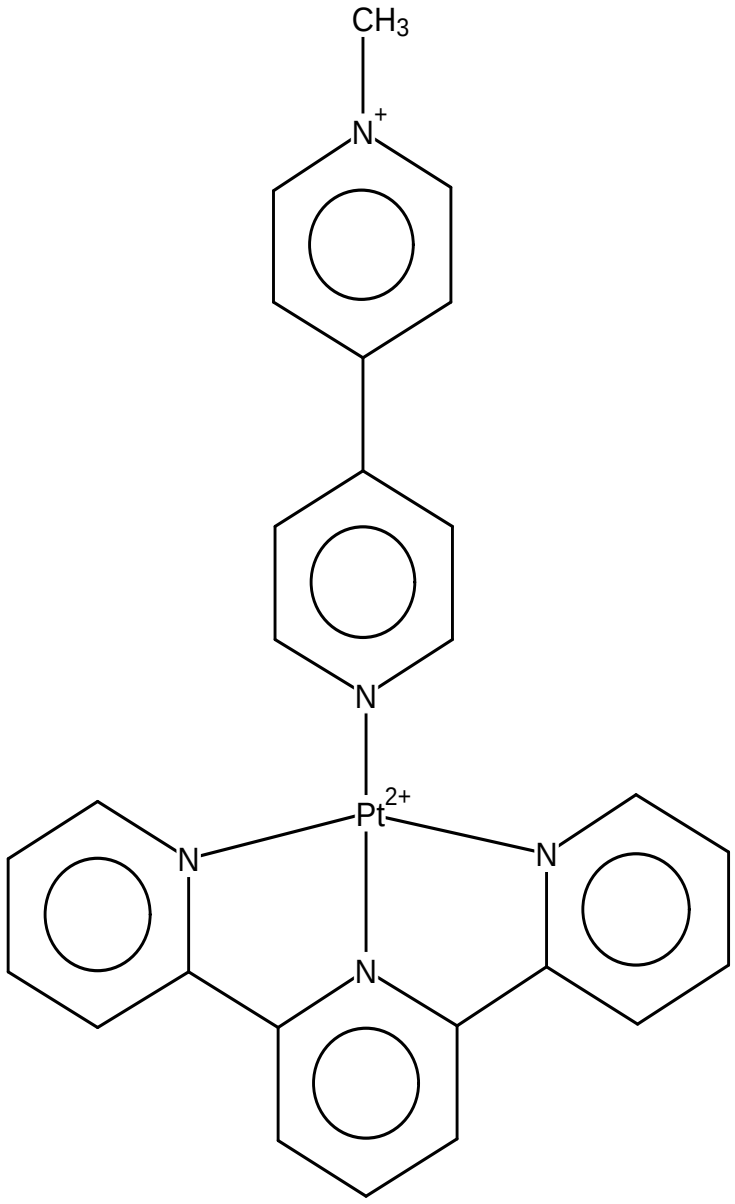
Reference: K.Sakai, M.Kurashima, M.Osada, S.Takahashi (2003)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**59,**m515

Formula: $C_{26}\ H_{22}\ N_5\ Pt_1\ ^{3+},3(Cl_1\ O_4\ ^{1-}),H_2\ O_1$

Compound Name: (N-Methyl-4,4'-bipyridinium)-(2,2':6',2''-terpyridine)-platinum(ii) triperchlorate monohydrate

Space Group:	P-1	***Cell:***	***a***	10.230(0)	***b***	13.423(1)	***c***	13.609(1)
Space Group No.:	2	***(Å,°)***	α	62.29(0)	β	83.40(0)	γ	68.99(0)

R-Factor (%): 3.33 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.974



ClO_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1115

KAHKIO

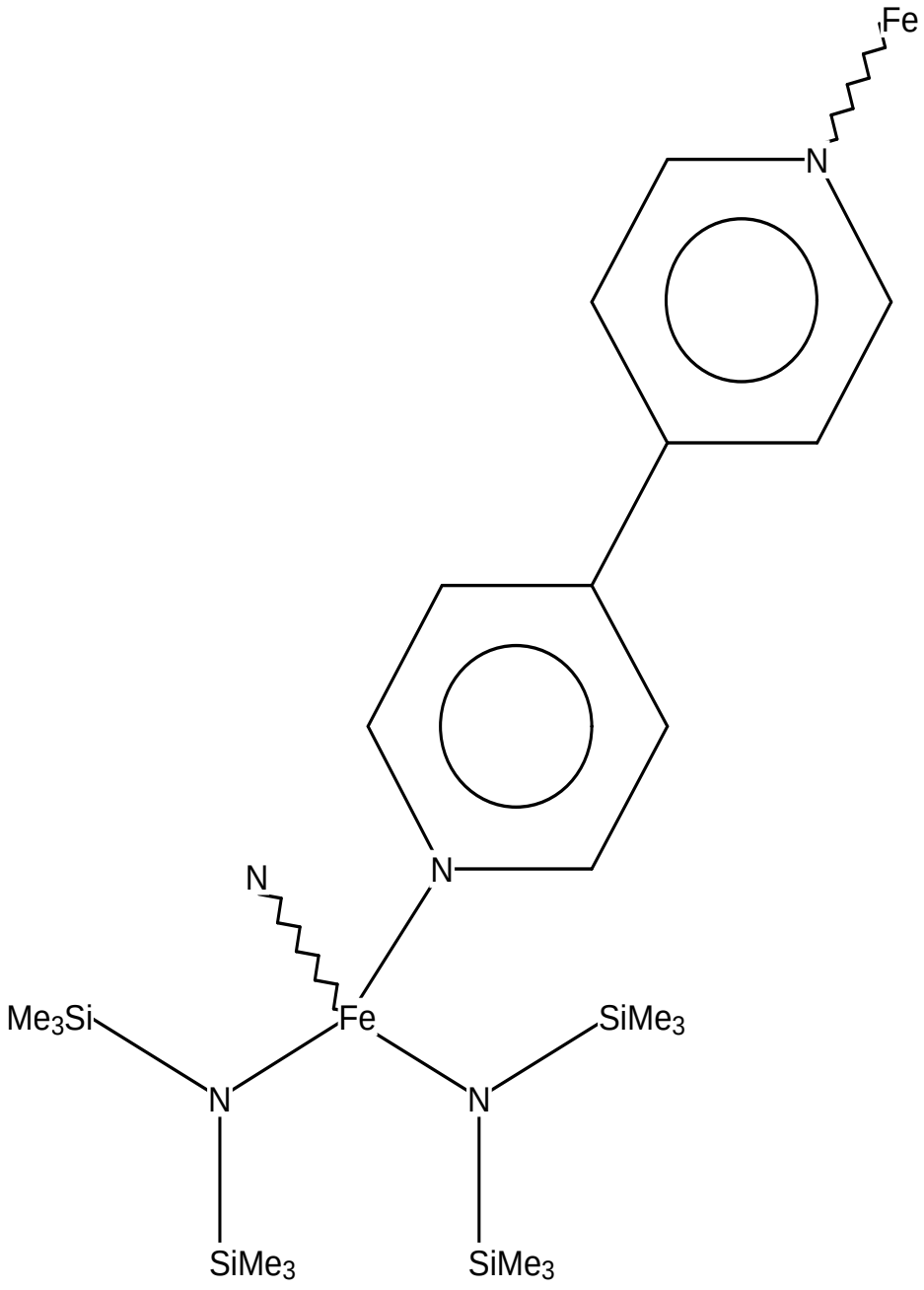
Reference: A.Panda, M.Stender, M.M.Olmstead, P.Klavins, P.P.Power (2003) *Polyhedron* ,**22,**67

Formula: $(C_{22}\ H_{44}\ Fe_1\ N_4\ Si_4)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(trimethylsilylamido)-iron(ii)]

Space Group:	C2/c	***Cell:***	***a***	20.488(9)	***b*** 9.302(2)	***c***	17.655(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.69(3)	γ	90.00

R-Factor (%): 3.22 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.199



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1116

KAHKOU

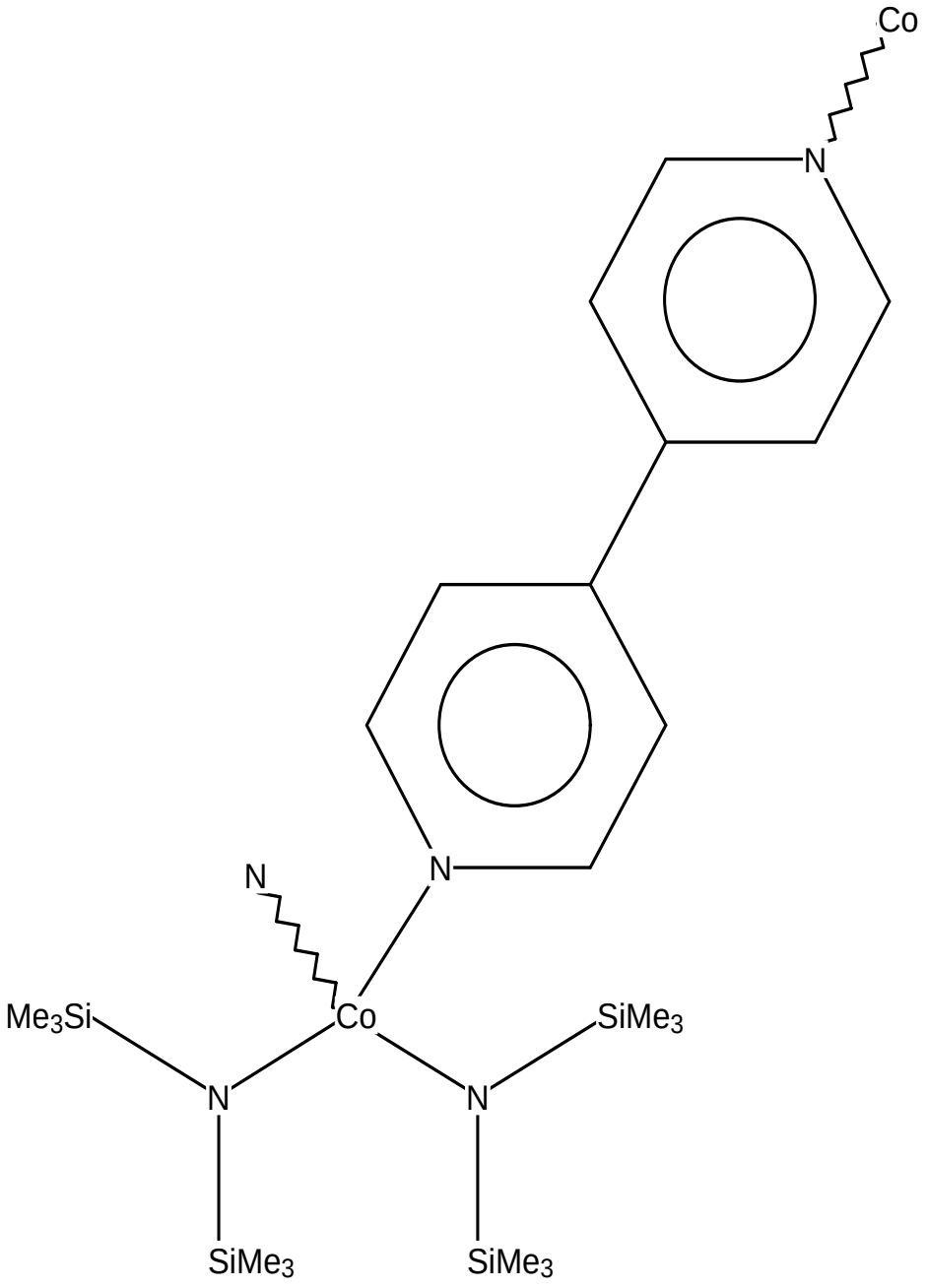
Reference: A.Panda, M.Stender, M.M.Olmstead, P.Klavins, P.P.Power (2003) *Polyhedron* ,**22,**67

Formula: $(C_{22}\ H_{44}\ Co_1\ N_4\ Si_4)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(trimethylsilylamido)-cobalt(ii)]

Space Group:	C2/c	***Cell:***	***a***	20.499(15)	***b*** 9.268(3)	***c***	17.656(12)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.15(4)	γ	90.00

R-Factor (%): 4.43 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.215



Search: search1 (Thu May 26 10:05:42 2011): Hit 1117

KAJFEH

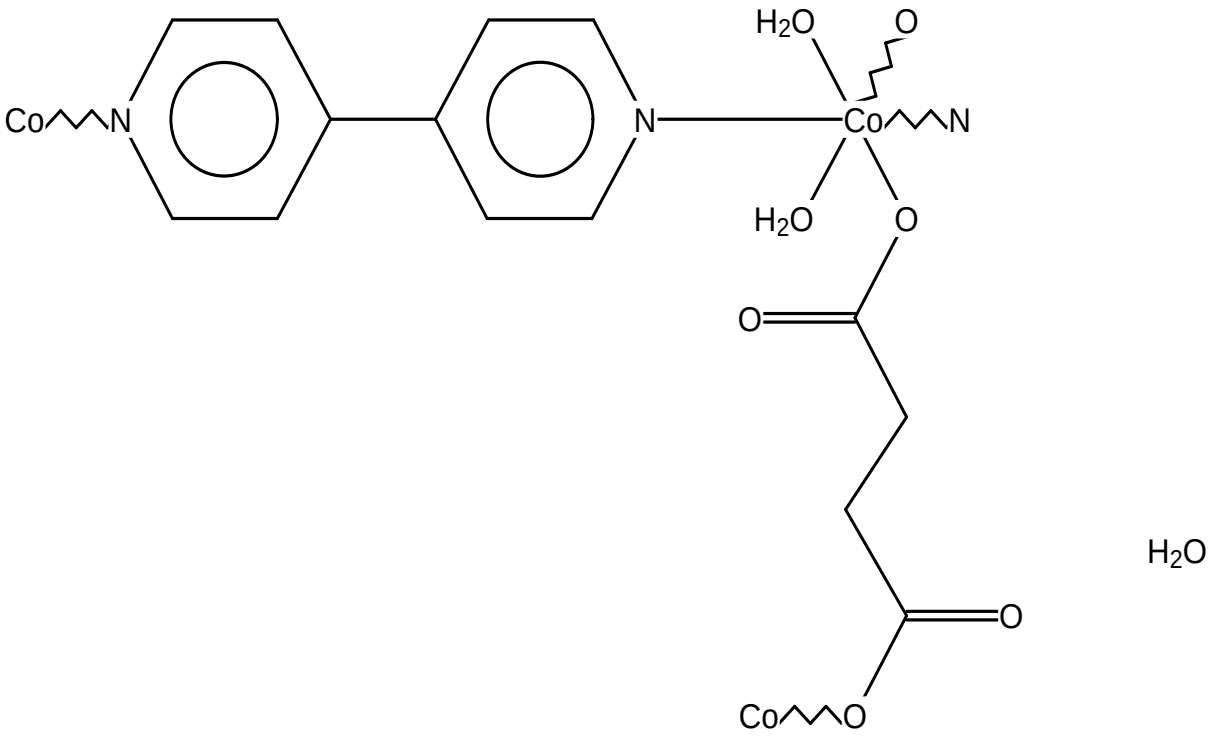
Reference: Jian Zhang, Yao Kang, Rui-Bo Zhang, Zhao-Ji Li, Jian-Kai Chang, Yuan-Gen Yao (2005) *CrystEngComm* ,**7,**177

Formula: $(C_{14}\ H_{16}\ Co_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-succinato-O,O')-diaqua-cobalt dihydrate)

Space Group:	P6522	***Cell:***	***a***	11.220(30)	***b***	11.220(30)	***c***	24.190(90)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 6.54 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1118

KALMUG

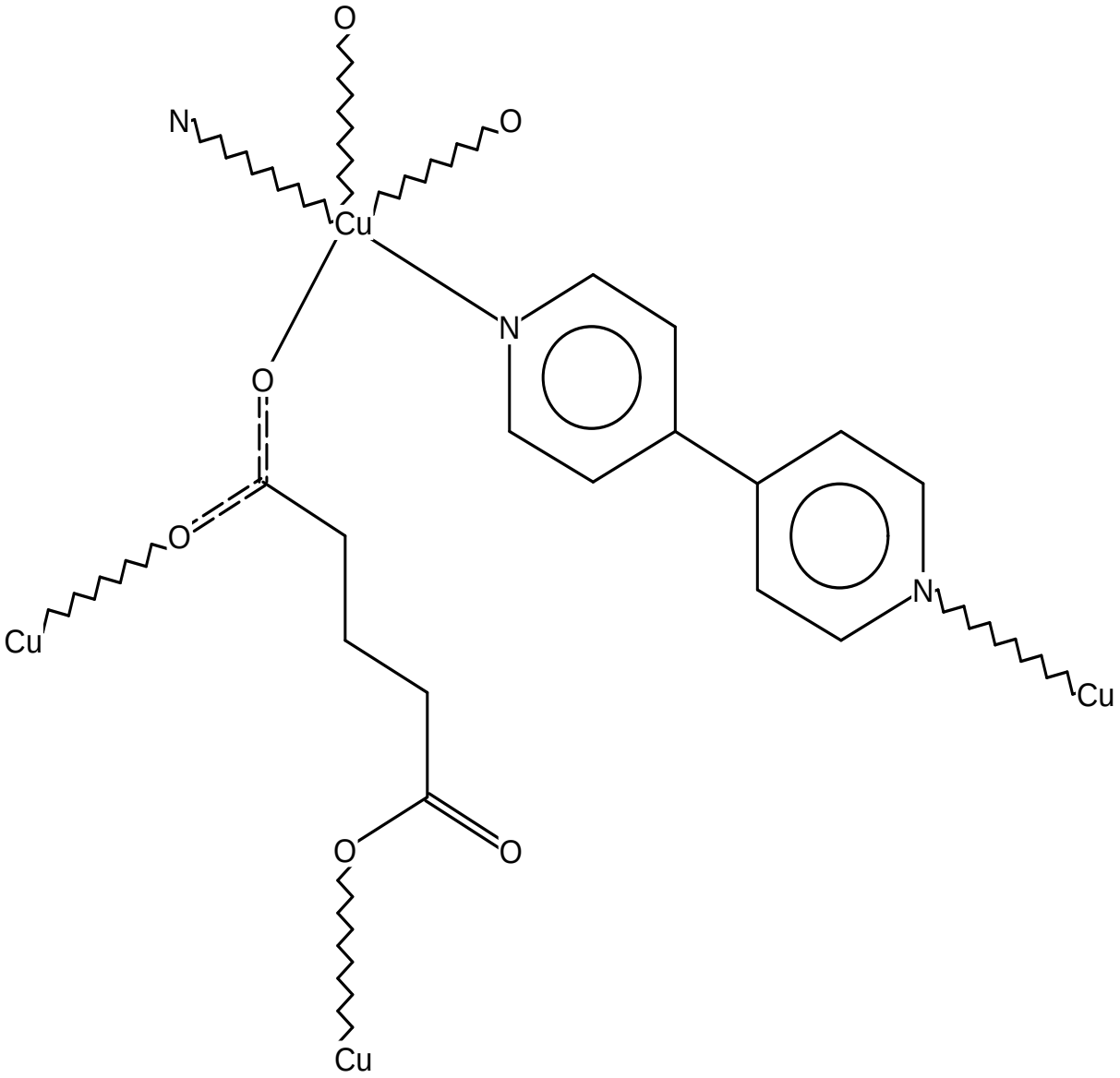
Reference: Yue-Qing Zheng, Er-Bo Ying (2005) *Polyhedron* ,**24,**397

Formula: $(C_{15}\ H_{14}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-((μ_3-Glutarato)-(μ_2-4,4'-bipyridyl)-copper)

Space Group:	P-1	***Cell:***	***a***	8.118(2)	***b***	9.416(2)	***c*** 10.535(2)
Space Group No.:	2	***(Å,°)***	α	112.18(2)	β	92.35(1)	γ 104.77(1)

R-Factor (%): 5.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.631



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1119

KALMUG01

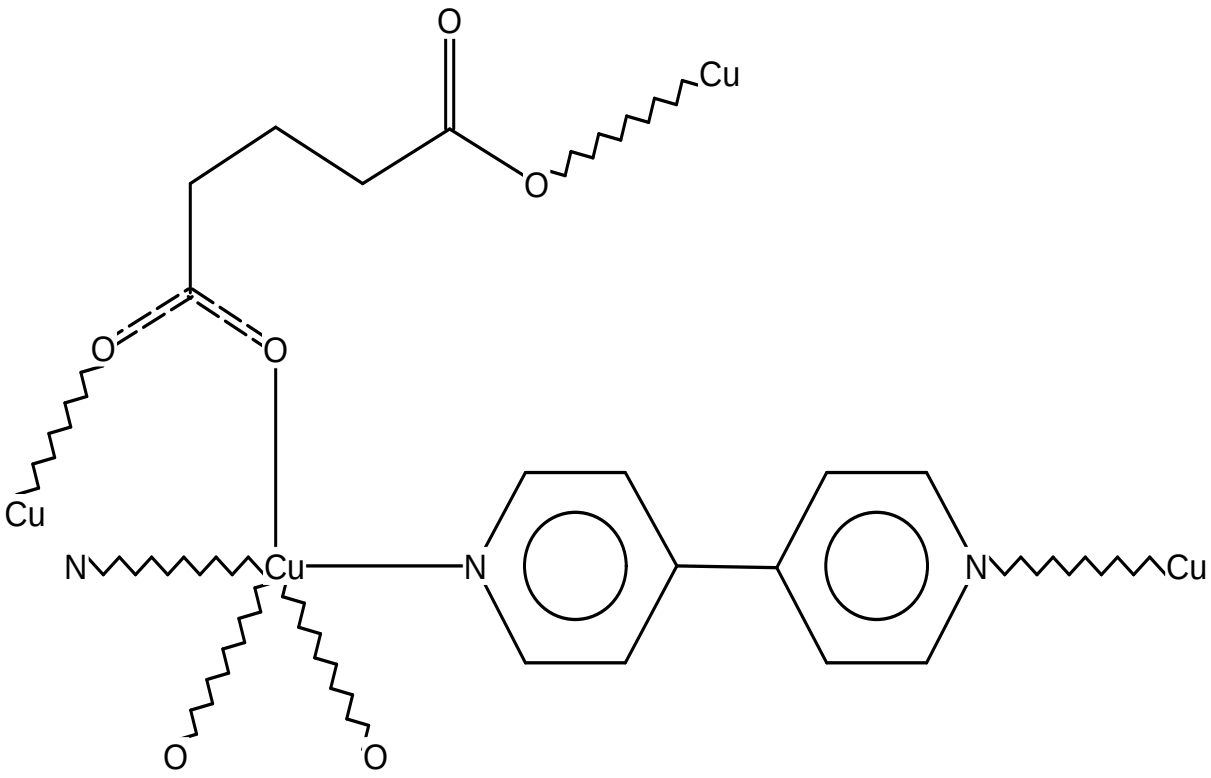
Reference: Rui-Feng Hu, Yao Kang, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Yuan-Gen Yao (2005) *Z.Anorg.Allg.Chem.* ,**631,**3053

Formula: $(C_{15}\ H_{14}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-((μ_3-glutarato-O,O',O'')-(μ_2-4,4'-bipyridyl-N,N')-copper(ii))

Space Group:	P-1	***Cell:***	***a***	8.140(0)	***b***	9.431(0)	***c*** 10.547(0)
Space Group No.:	2	***(Å,°)***	α	112.18(0)	β	92.42(0)	γ 104.75(0)

R-Factor (%): 6.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.622



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1120

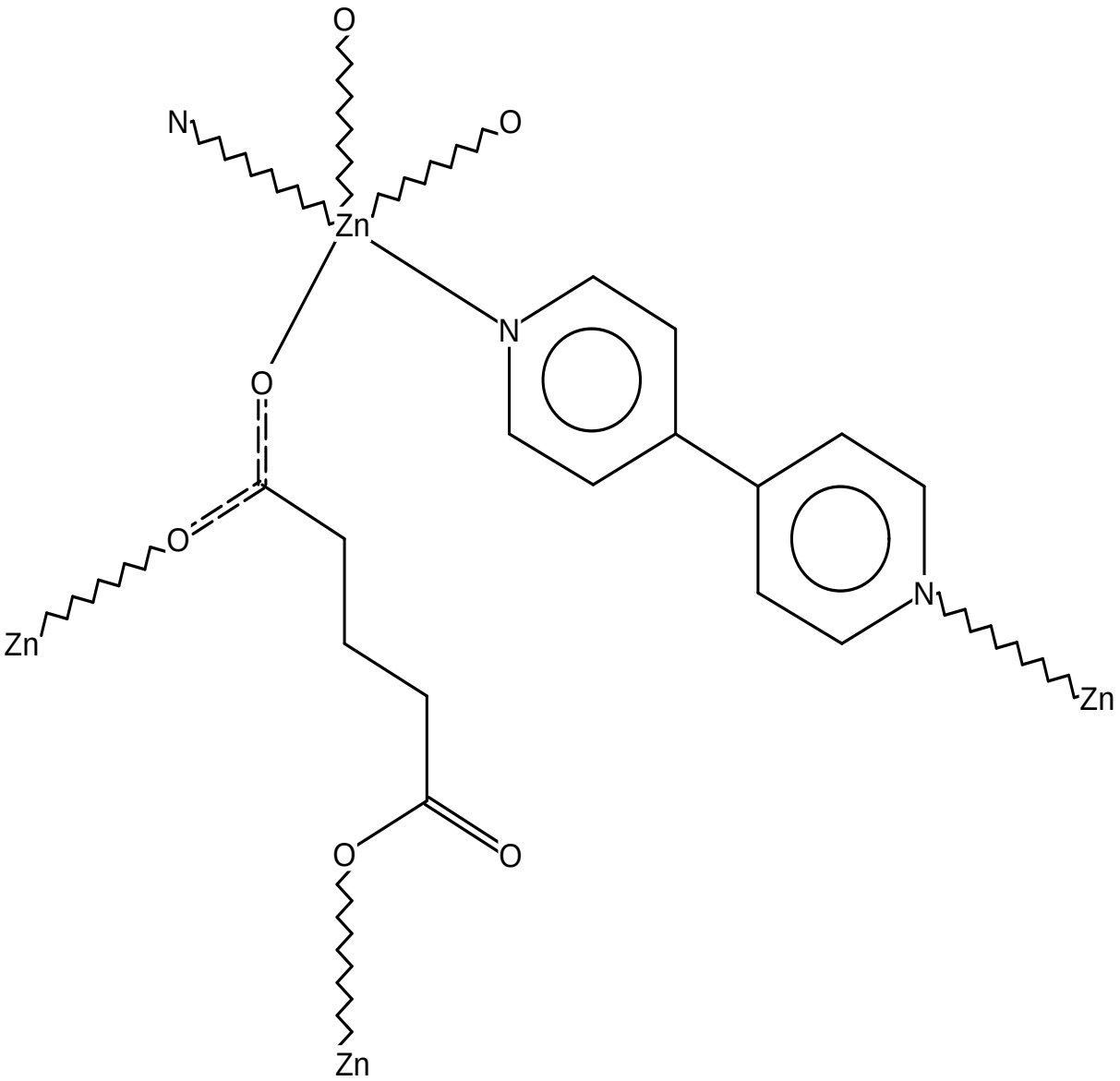
KALNAN

Reference: Yue-Qing Zheng, Er-Bo Ying (2005) *Polyhedron* ,**24,**397

Formula: $(C_{15}\ H_{14}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-((μ_3-Glutarato)-(μ_2-4,4'-bipyridyl)-zinc)

Space Group:	P-1	***Cell:***	***a***	7.969(1)	***b***	9.501(1)	***c*** 10.368(2)
Space Group No.:	2	***(Å,°)***	α	109.88(3)	β	92.86(3)	γ 104.60(3)
R-Factor (%):	4.48	***Temperature(K):***	293	***Density(g/cm^3):***	1.653		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1121

KALNAN01

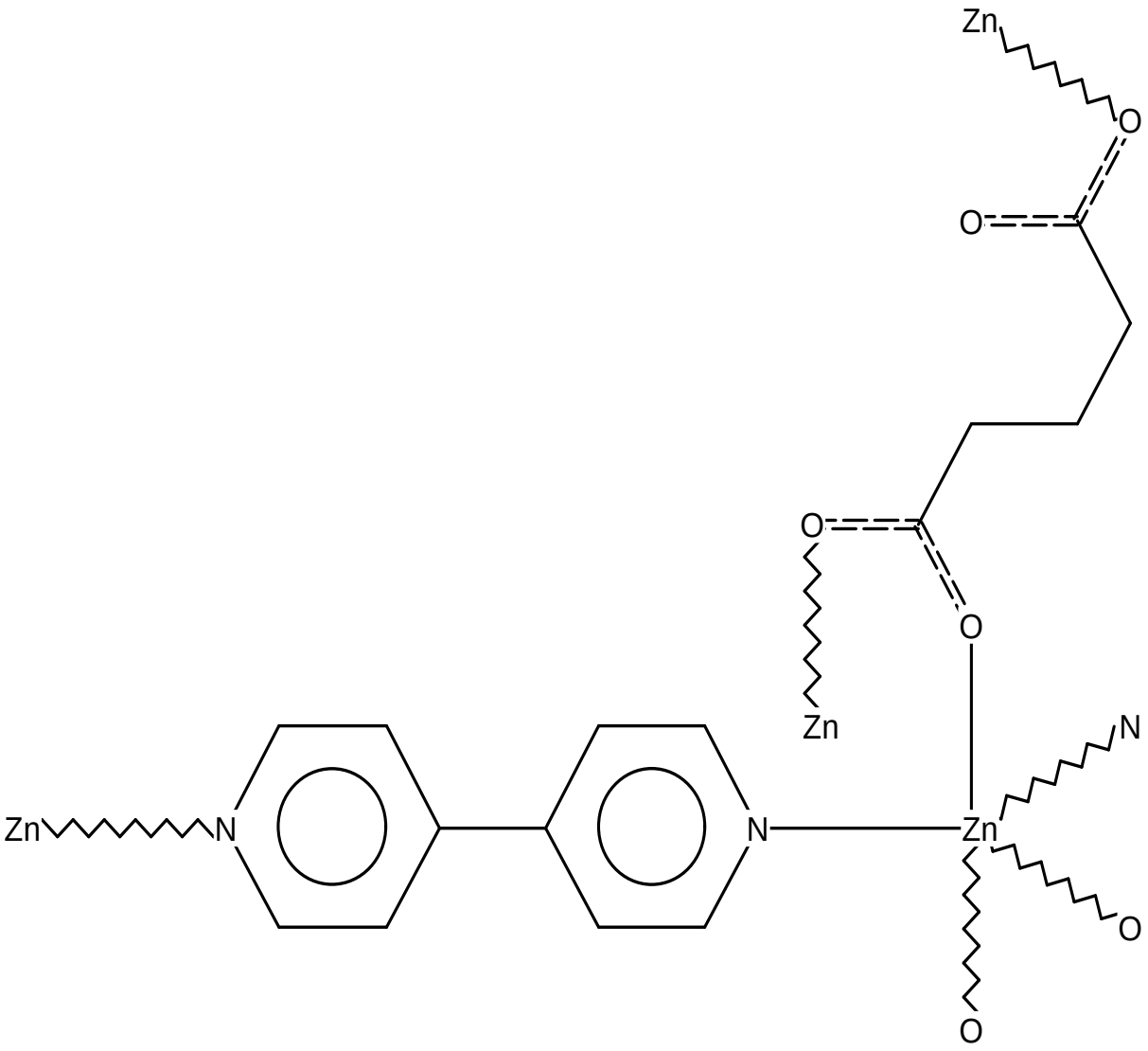
Reference: Xinxin Xu, Ying Ma, Enbo Wang (2007)
*J.Solid State Chem. ,***180,**3136

Formula: $(C_{15}\ H_{14}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-((μ_3-glutarato)-(μ_2-4,4'-bipyridine)-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	8.003(1)	***b***	9.481(1)	***c*** 10.404(2)
Space Group No.:	2	***(Å,°)***	α	109.67(3)	β	93.26(3)	γ 104.53(3)

R-Factor (%): 3.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.643



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1122

KALNER

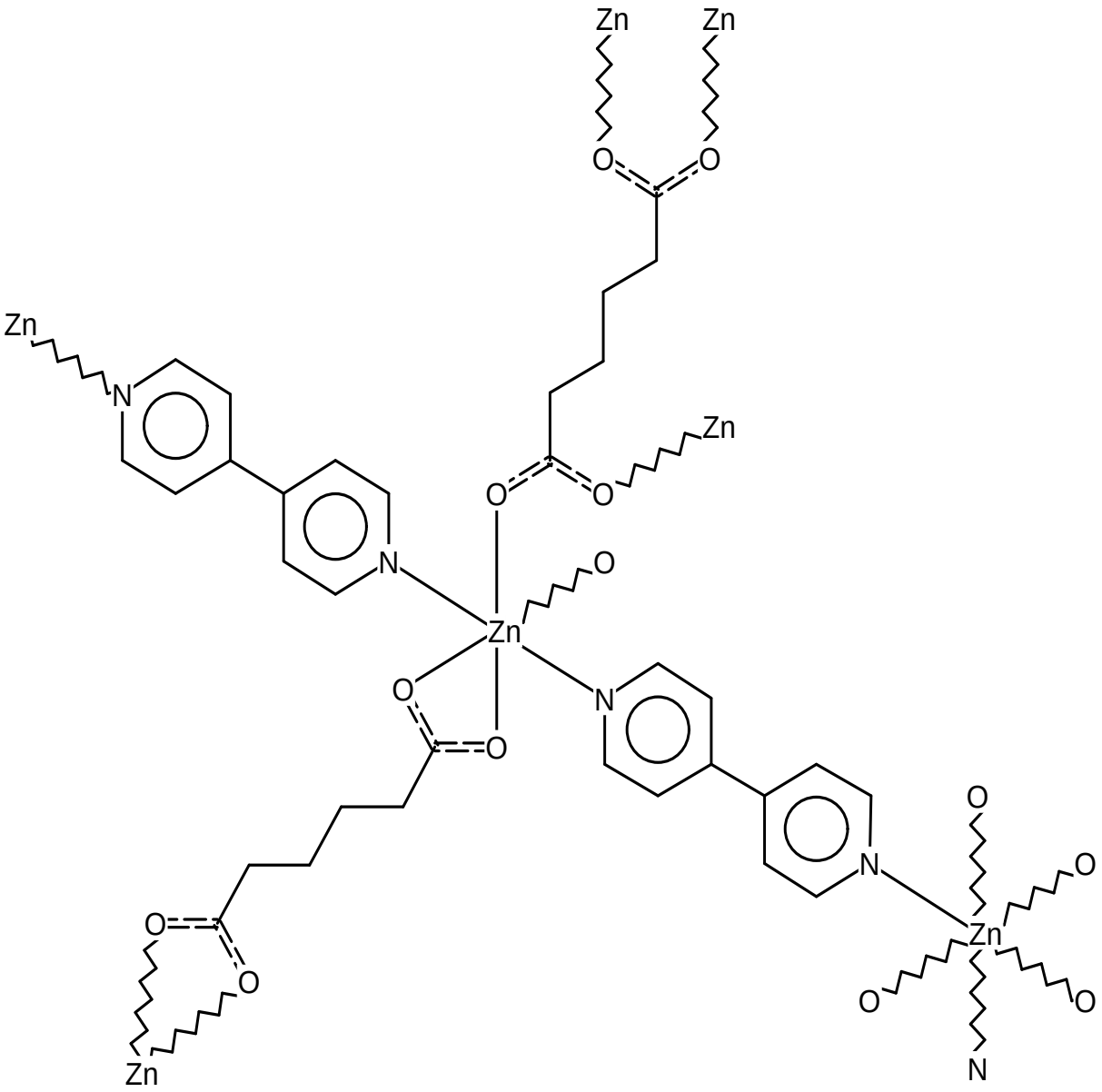
Reference: Yue-Qing Zheng, Er-Bo Ying (2005) *Polyhedron* ,**24,**397

Formula: $(C_{32}\ H_{32}\ N_4\ O_8\ Zn_2)n$

Compound Name: catena-((μ_4-Adipato)-(μ_2-adipato)-bis(μ_2-4,4'-bipyridyl)-di-zinc)

Space Group:	P-1	***Cell:***	***a***	8.574(2)	***b***	8.820(2)	***c*** 10.753(2)
Space Group No.:	2	***(Å,°)***	α	109.12(1)	β	95.62(1)	γ 102.51(1)

R-Factor (%): 4.43 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.647



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1123

KALNIV

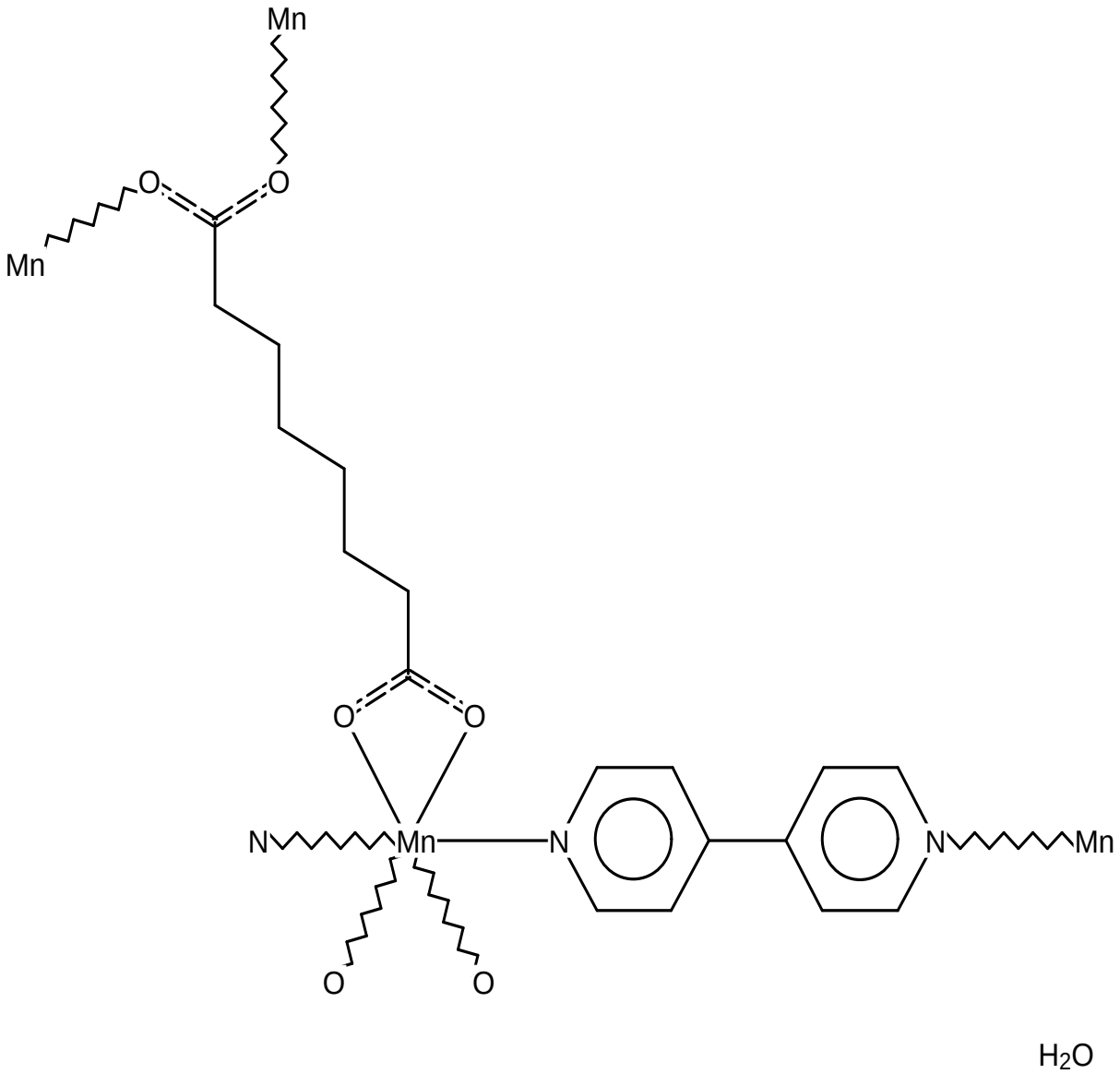
Reference: Yue-Qing Zheng, Er-Bo Ying (2005) *Polyhedron* ,**24,**397

Formula: $(C_{18}\ H_{20}\ Mn_1\ N_2\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-((μ_3-Suberato)-(μ_2-4,4'-bipyridyl)-manganese monohydrate)

Space Group:	P-1	***Cell:***	***a***	10.004(2)	***b***	10.098(2)	***c*** 10.400(2)
Space Group No.:	2	***(Å,°)***	α	110.66(3)	β	91.42(3)	γ 110.96(3)

R-Factor (%): 4.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.474



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1124

KAPDEL

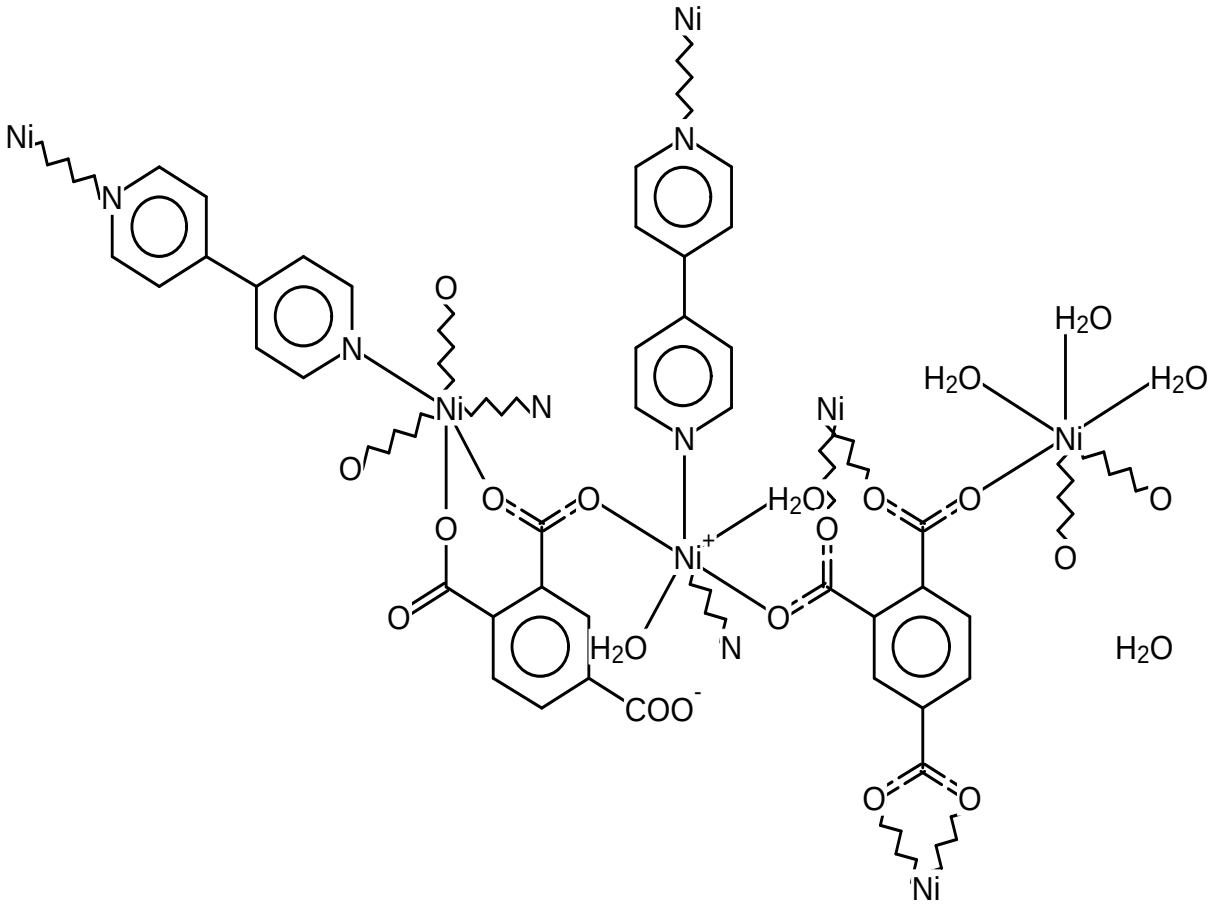
Reference: Ying Yan, Chuan-De Wu, Xiang He, Yan-Qiong Sun, Can-Zhong Lu (2005) *Cryst.Growth Des.* ,**5,**821

Formula: $(C_{38}\ H_{32}\ N_4\ Ni_3\ O_{17})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_4-Benzene-1,2,4-tricarboxylato)-(μ_2-benzene-1,2,4-tricarboxylato)-bis(μ_2-4,4'-bipyridine)-penta-aqua-tri-nickel(ii) dihydrate)

Space Group:	Pna21	***Cell:***	***a*** 22.556(1)	***b*** 17.239(1)	***c*** 10.023(1)
Space Group No.:	33	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 5.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.753



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1125

KAPDOV

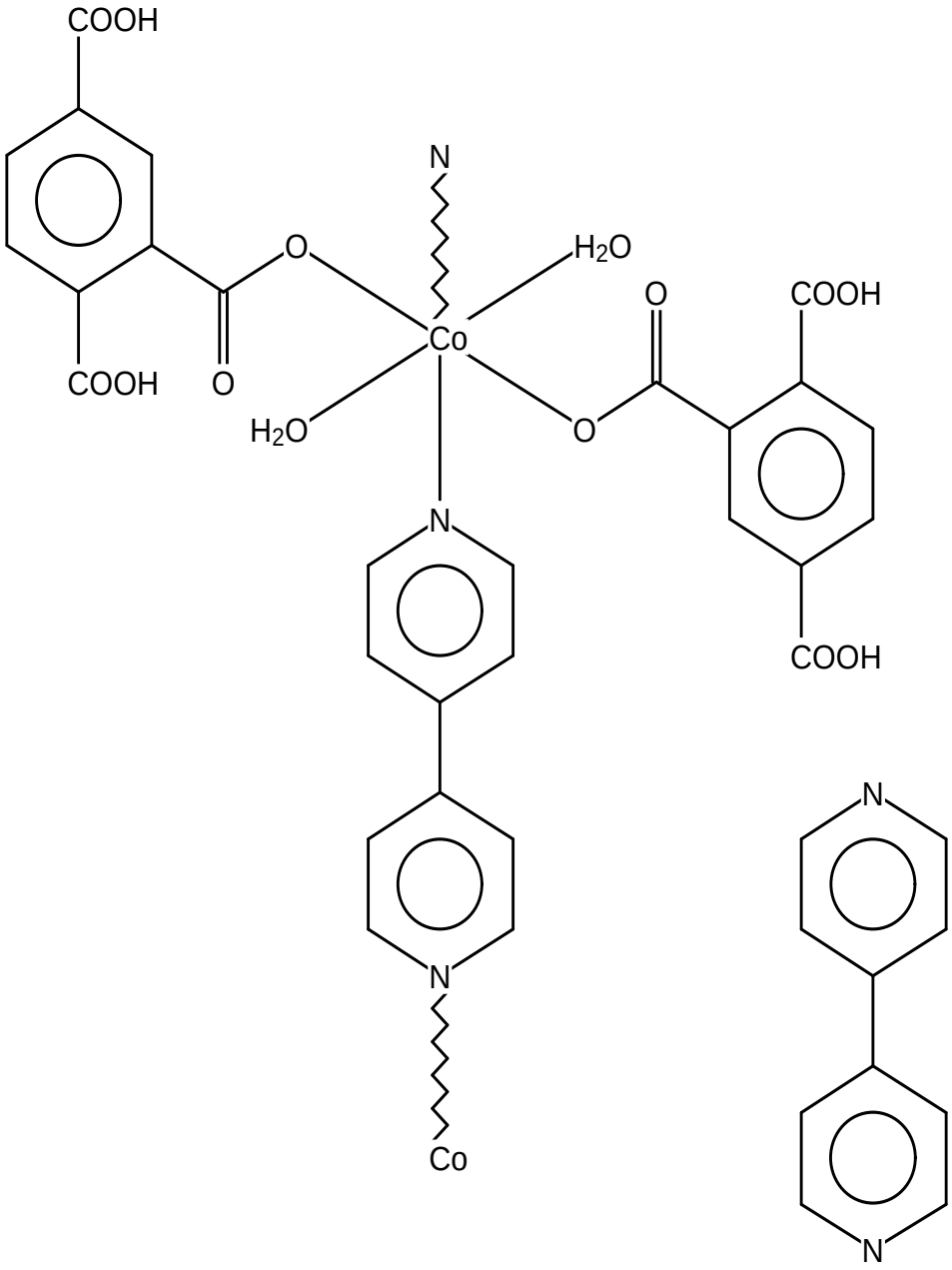
Reference: Ying Yan, Chuan-De Wu, Xiang He, Yan-Qiong Sun, Can-Zhong Lu (2005) *Cryst.Growth Des. ,***5,**821

Formula: $(C_{28}\ H_{22}\ Co_1\ N_2\ O_{14})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(2,5-dicarboxybenzoato)-cobalt(ii) bis(4,4'-bipyridine))

Space Group:	C2/c	***Cell:***	***a***	15.106(1)	***b***	11.593(0)	***c***	25.892(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.55(0)	γ	90.00

R-Factor (%): 6.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.458



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1126

KATYIO

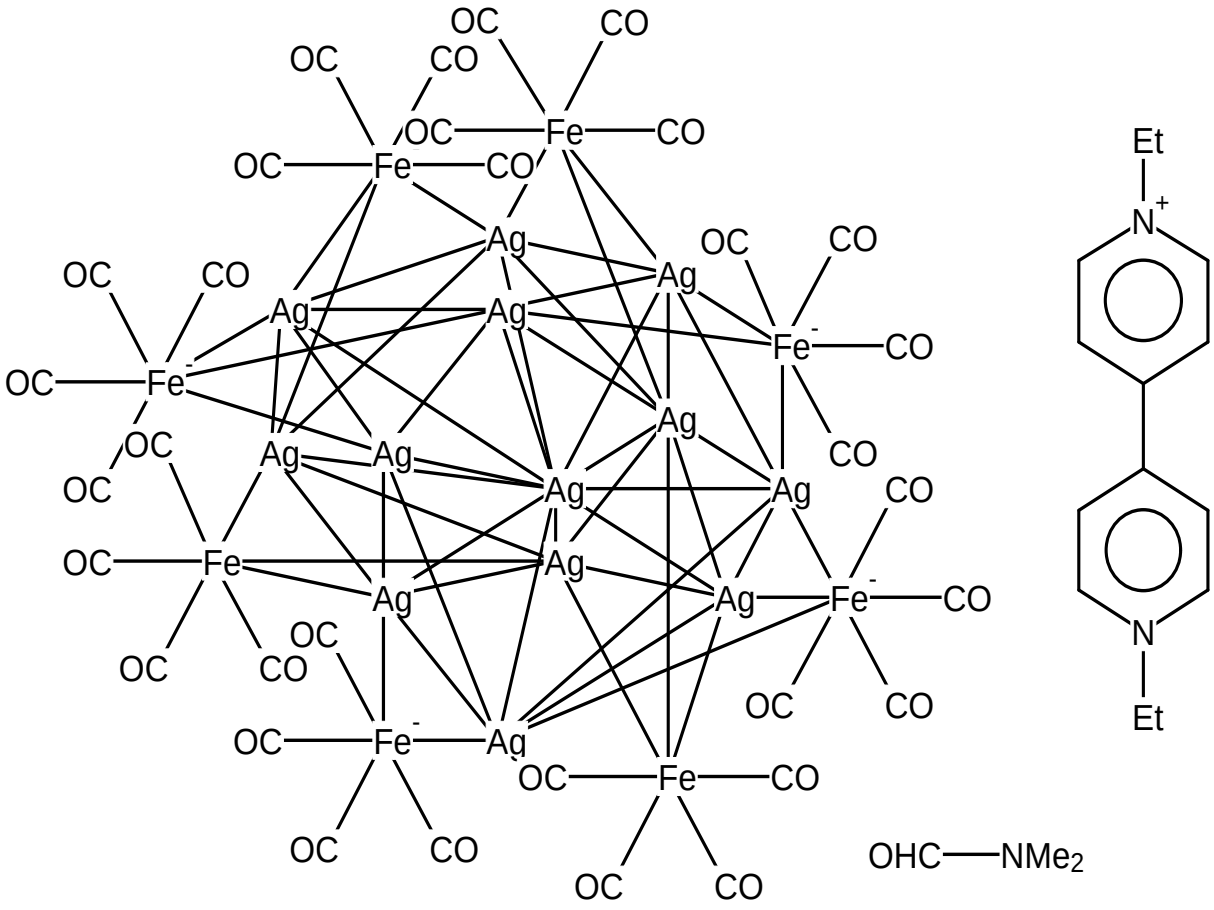
Reference: D.Collini, C.Femoni, M.C.Iapalucci, G.Longoni (2005)
Comptes Rendus Chimie ,**8,**1645

Formula: $5(C_{14}H_{18}N_2^{1+}),C_{32}Ag_{13}Fe_8O_{32}^{5-},4(C_3H_7N_1O_1)$

Compound Name: pentakis(Ethylviologen radical cation) dotriacontacarbonyl-octa-iron-trideca-silver dimethylformamide solvate

Space Group:	P-1	***Cell:***	***a*** 15.414(2)	***b*** 16.674(3)	***c*** 16.743(3)
Space Group No.:	2	***(Å,°)***	α 118.53(0)	β 101.39(0)	γ 105.68(0)

R-Factor (%): 6.49 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.032



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1127

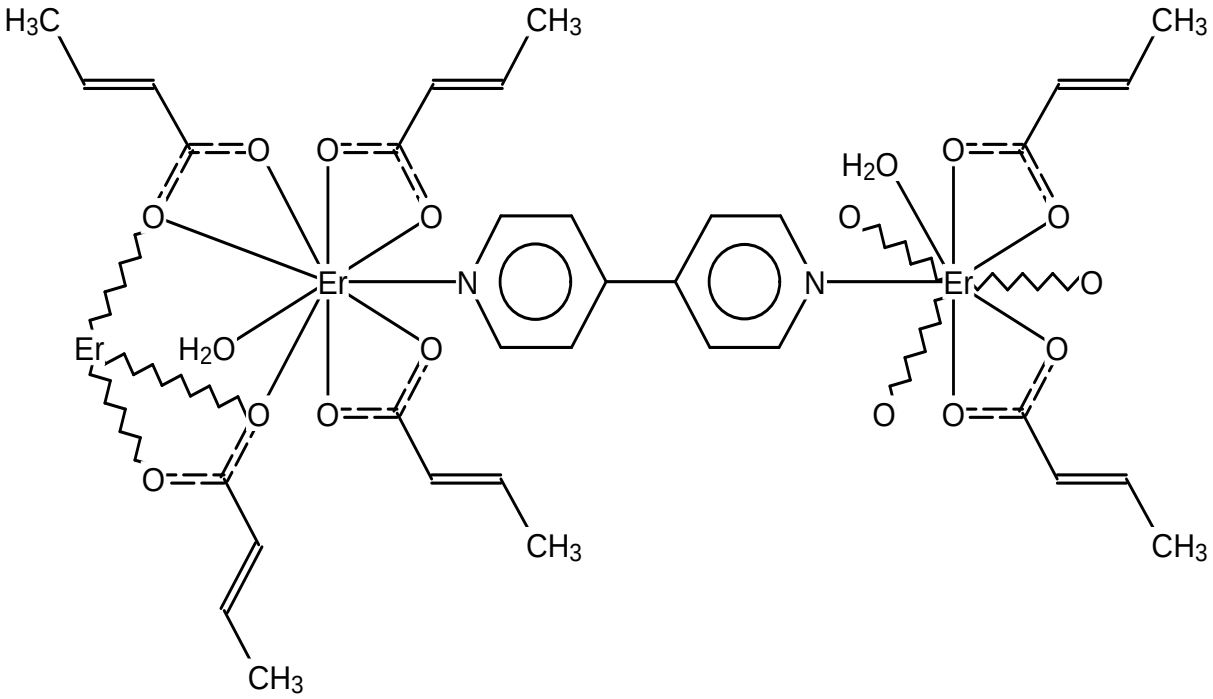
KATYUA

Reference: J.C.Munoz, A.M.Atria, R.Baggio, M.T.Garland, O.Pena, C.Orrego (2005) *Inorg.Chim.Acta* ,**358,**4027

Formula: $(C_{34}\ H_{42}\ Er_2\ N_2\ O_{14})n$

Compound Name: catena-(bis(μ_2-Crotonato-O,O,O')-(μ_2-4,4'-bipyridyl)-tetrakis(crotonato-O,O')-diaqua-di-erbium(iii))

Space Group:	P-1	***Cell:***	***a***	8.187(0)	***b*** 10.440(0)	***c***	11.781(0)
Space Group No.:	2	***(Å,°)***	α	108.30(0)	β 105.46(0)	γ	97.48(0)
R-Factor (%):	1.97	***Temperature(K):***	297		***Density(g/cm^3):***		1.922



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1128

KATZAH

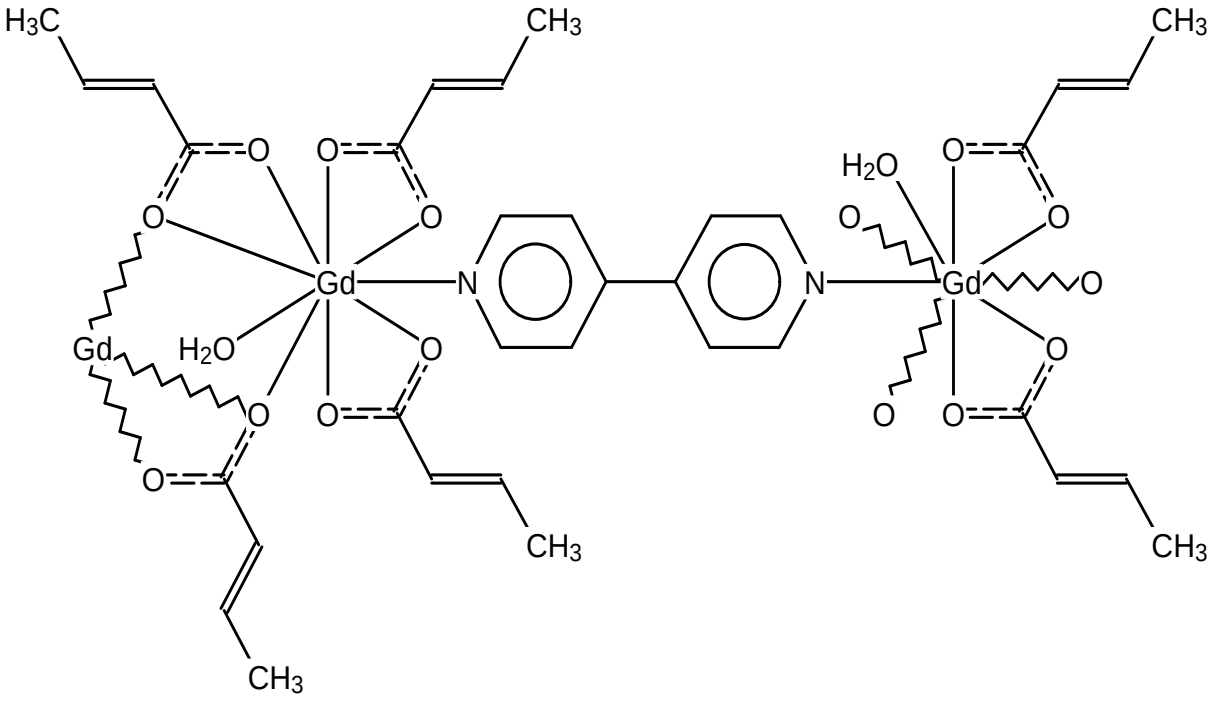
Reference: J.C.Munoz, A.M.Atria, R.Baggio, M.T.Garland, O.Pena, C.Orrego (2005) *Inorg.Chim.Acta* ,**358,**4027

Formula: $(C_{34}\ H_{42}\ Gd_2\ N_2\ O_{14})n$

Compound Name: catena-(bis(μ_2-Crotonato-O,O,O')-(μ_2-4,4'-bipyridyl)-tetrakis(crotonato-O,O')-diaqua-di-gadolinium(iii))

Space Group:	P-1	***Cell:***	***a***	8.228(0)	***b*** 10.463(1)	***c***	11.827(1)
Space Group No.:	2	***(Å,°)***	α	108.19(0)	β 105.79(0)	γ	97.36(0)

R-Factor (%): 4.57 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.866



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1129

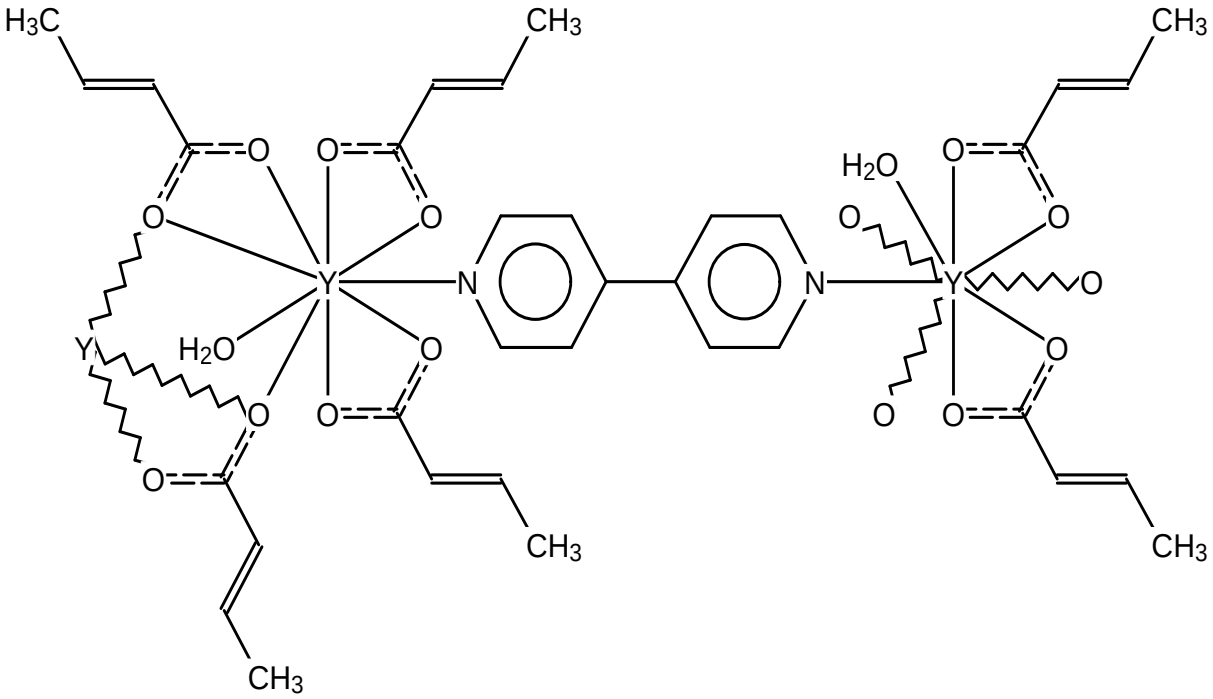
KATZEL

Reference: J.C.Munoz, A.M.Atria, R.Baggio, M.T.Garland, O.Pena, C.Orrego (2005) *Inorg.Chim.Acta* ,**358,**4027

Formula: $(C_{34}\ H_{42}\ N_2\ O_{14}\ Y_2)n$

Compound Name: catena-(bis(μ_2-Crotonato-O,O,O')-(μ_2-4,4'-bipyridyl)-tetrakis(crotonato-O,O')-diaqua-di-yttrium(iii))

Space Group:	P-1	***Cell:***	***a***	8.173(2)	***b*** 10.403(3)	***c***	11.757(3)
Space Group No.:	2	***(Å,°)***	α	108.23(0)	β 105.61(0)	γ	97.42(0)
R-Factor (%):	6.02	***Temperature(K):***	297		***Density(g/cm^3):***		1.644



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1130

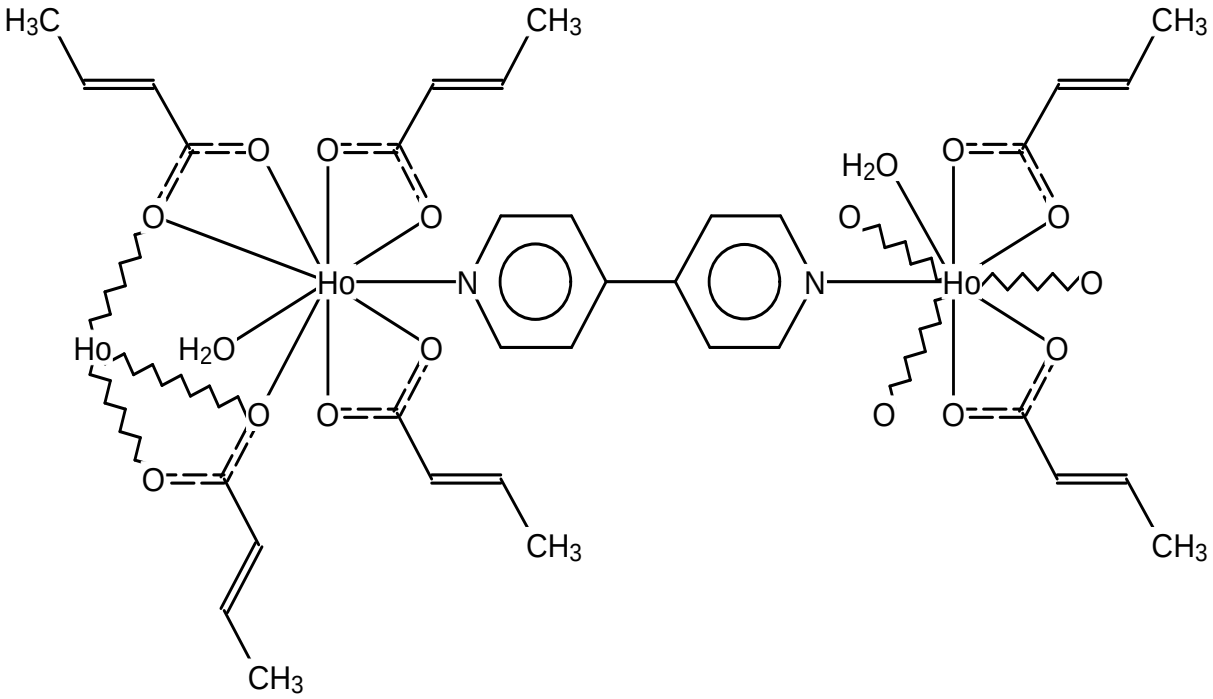
KATZIP

Reference: J.C.Munoz, A.M.Atria, R.Baggio, M.T.Garland, O.Pena, C.Orrego (2005) *Inorg.Chim.Acta* ,**358,**4027

Formula: $(C_{34}\ H_{42}\ Ho_2\ N_2\ O_{14})n$

Compound Name: catena-(bis(μ_2-Crotonato-O,O,O')-(μ_2-4,4'-bipyridyl)-tetrakis(crotonato-O,O')-diaqua-di-holmium(iii))

Space Group:	P-1	***Cell:***	***a***	8.201(2)	***b*** 10.450(3)	***c***	11.788(3)
Space Group No.:	2	***(Å,°)***	α	108.23(0)	β 105.64(0)	γ	97.37(0)
R-Factor (%):	1.94	***Temperature(K):***	297		***Density(g/cm^3):***		1.908



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1131

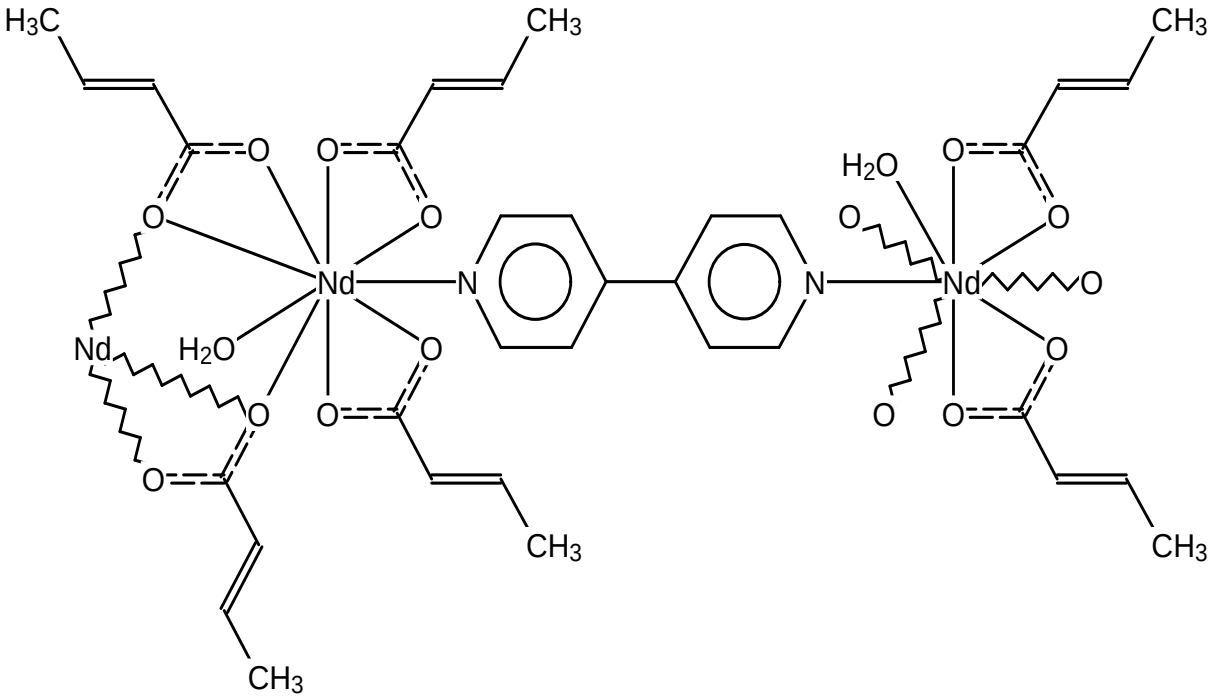
KATZOV

Reference: J.C.Munoz, A.M.Atria, R.Baggio, M.T.Garland, O.Pena, C.Orrego (2005) *Inorg.Chim.Acta* ,**358,**4027

Formula: $(C_{34}\ H_{42}\ N_2\ Nd_2\ O_{14})n$

Compound Name: catena-(bis(μ_2-Crotonato-O,O,O')-(μ_2-4,4'-bipyridyl)-tetrakis(crotonato-O,O')-diaqua-di-neodymium(iii))

Space Group:	P-1	***Cell:***	***a***	8.303(0)	***b*** 10.511(0)	***c***	11.918(0)
Space Group No.:	2	***(Å,°)***	α	108.01(0)	β 106.14(0)	γ	97.32(0)
R-Factor (%):	1.99	***Temperature(K):***	297		***Density(g/cm^3):***		1.781



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1132

KAVDAN

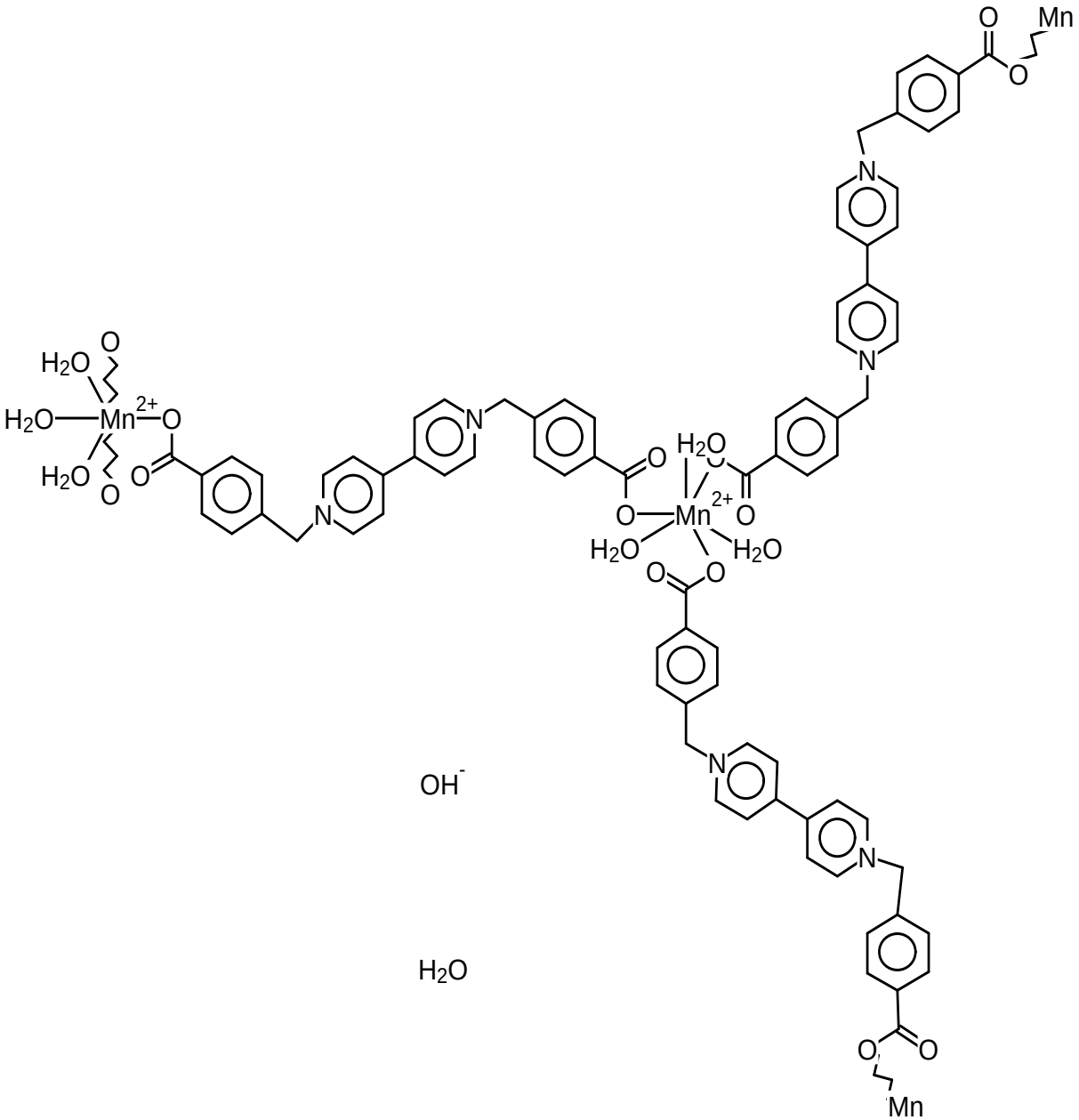
Reference: Yan-Qiong Sun, Jie Zhang, Zhan-Feng Ju, Guo-Yu Yang (2005) *Cryst.Growth Des.* ,**5,**1939

Formula: $(C_{78}\ H_{72}\ Mn_2\ N_6\ O_{18}\ ^{4+})n,4n(H_1\ O_1\ ^{1-}),15n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-1,1'-bis(4-Carboxybenzyl)-4,4'-bipyridine)-hexaaqua-di-manganese tetrahydroxide pentadecahydrate)

Space Group:	R-3	***Cell:***	***a***	17.525(3)	***b***	17.525(3)	***c*** 27.230(5)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 7.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.258



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1133

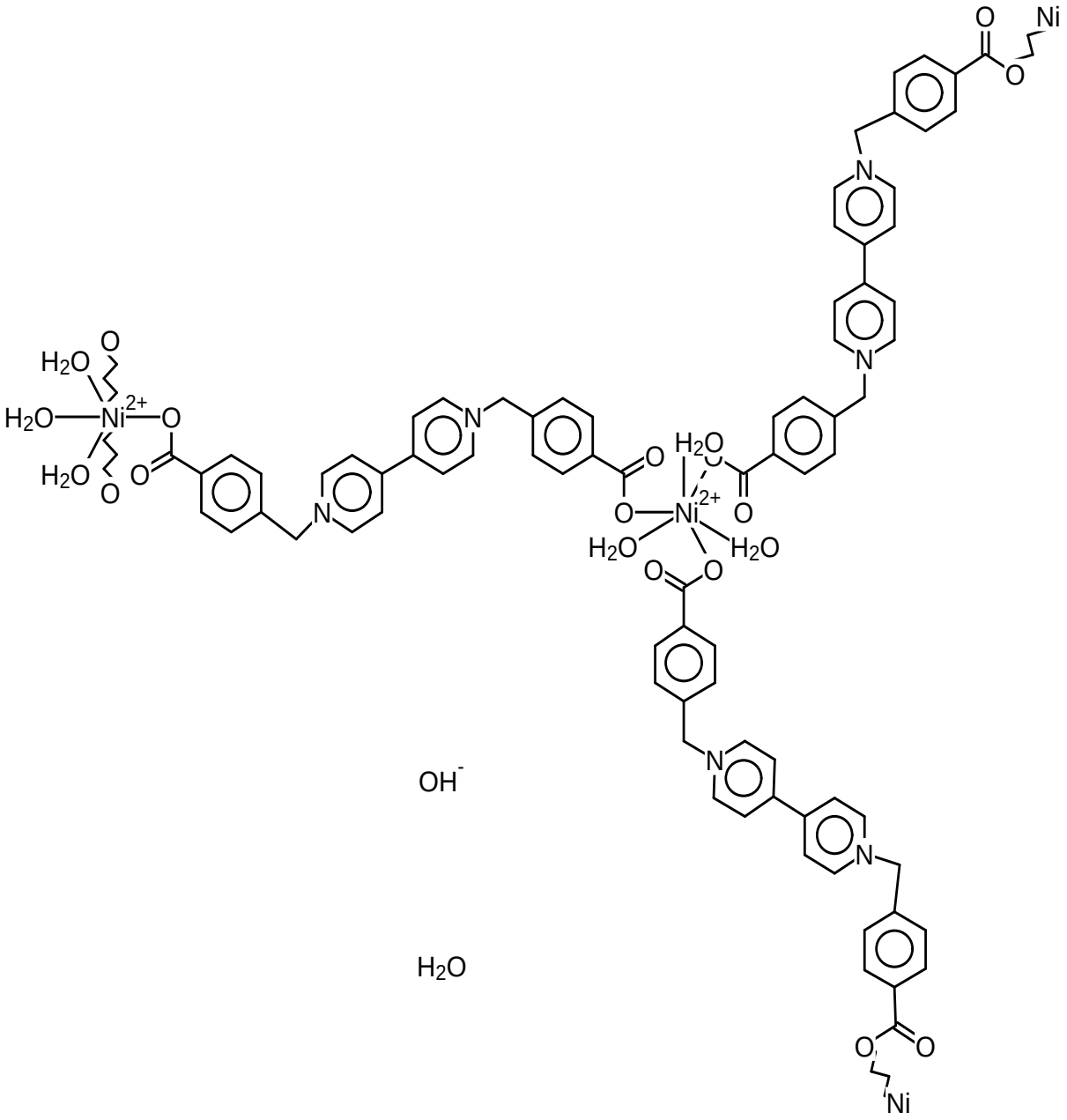
KAVDER

Reference: Yan-Qiong Sun, Jie Zhang, Zhan-Feng Ju, Guo-Yu Yang (2005) *Cryst.Growth Des.* ,**5,**1939

Formula: $(C_{78}\ H_{72}\ N_6\ Ni_2\ O_{18}\ ^{4+})n,4n(H_1\ O_1\ ^{1-}),15n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-1,1'-bis(4-Carboxybenzyl)-4,4'-bipyridine)-hexaaqua-di-nickel tetrahydroxide pentadecahydrate)

Space Group:	R-3	***Cell:***	***a***	17.562(3)	***b***	17.562(3)	***c*** 26.710(5)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	7.69	***Temperature(K):***	293	***Density(g/cm^3):***	1.283		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1134

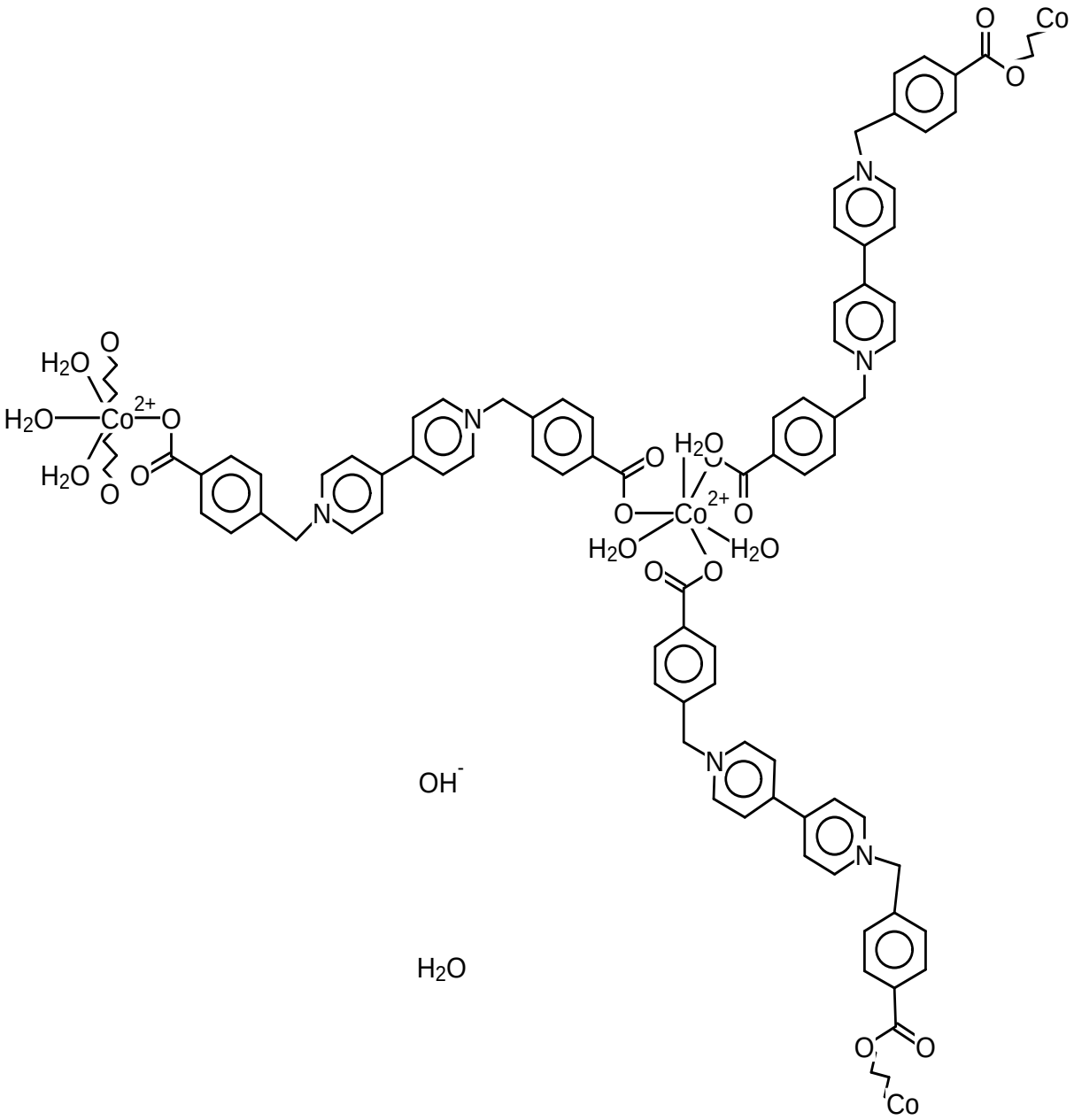
KAVDIV

Reference: Yan-Qiong Sun, Jie Zhang, Zhan-Feng Ju, Guo-Yu Yang (2005) *Cryst.Growth Des.* ,**5,**1939

Formula: $(C_{78}\ H_{72}\ Co_2\ N_6\ O_{18}\ ^{4+})n,4n(H_1\ O_1\ ^{1-}),15n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-1,1'-bis(4-Carboxybenzyl)-4,4'-bipyridine)-hexaaqua-di-cobalt tetrahydroxide pentadecahydrate)

Space Group:	R-3	***Cell:***	***a***	17.716(0)	***b***	17.716(0)	***c*** 26.869(3)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	7.73	***Temperature(K):***	293	***Density(g/cm^3):***	1.253		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1135

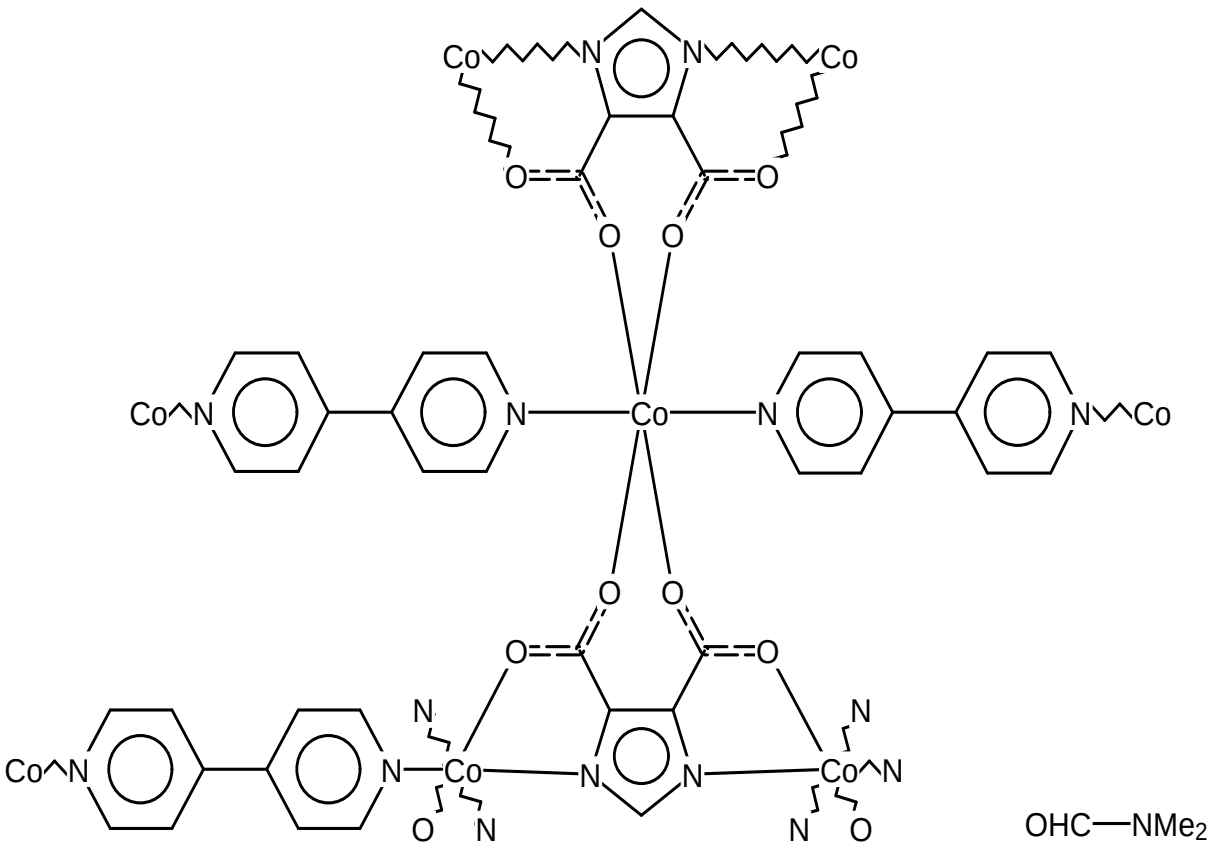
KAVGAQ

Reference: Yu-Ling Wang, Da-Qiang Yuan, Wen-Hua Bi, Xing Li, Xiao-Ju Li, Feng Li, Rong Cao (2005) *Cryst.Growth Des.* ,**5,**1849

Formula: $(C_{40}\ H_{26}\ Co_3\ N_{10}\ O_8)n,n(C_3\ H_7\ N_1\ O_1),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Imidazole-4,5-dicarboxylato)-tris(μ_2-4,4'-bipyridine)-tri-cobalt(ii) dimethylformamide solvate hexahydrate)

Space Group:	P-1	***Cell:***	***a***	11.493(0)	***b***	11.613(0)	***c***	11.818(0)
Space Group No.:	2	***(Å,°)***	α	65.28(0)	β	81.17(1)	γ	72.75(1)
R-Factor (%):	7.59	***Temperature(K):***	293		***Density(g/cm^3):***	1.375		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1136

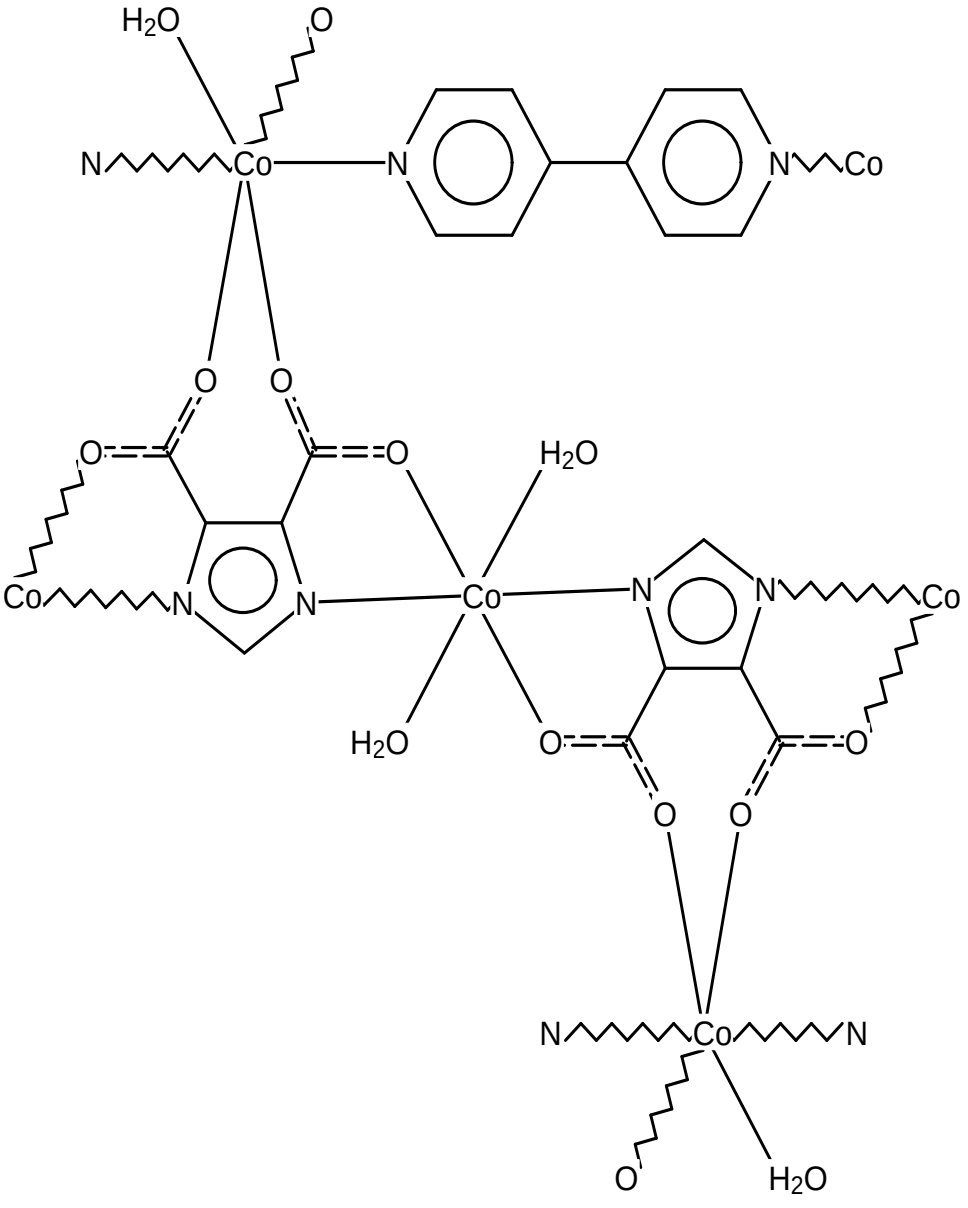
KAVGEU

Reference: Yu-Ling Wang, Da-Qiang Yuan, Wen-Hua Bi, Xing Li, Xiao-Ju Li, Feng Li, Rong Cao (2005) *Cryst.Growth Des.* ,**5,**1849

Formula: $(C_{20}\ H_{18}\ Co_3\ N_6\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Imidazole-4,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-tetraaqua-tri-cobalt(ii) dihydrate)

Space Group:	P21/n	***Cell:***	***a*** 8.105(0)	***b*** 17.681(1)	***c*** 8.505(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 90.07(0)	γ 90.00
R-Factor (%):	5.47	***Temperature(K):***	295	***Density(g/cm^3):***	2.036



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1137

KAVLAV

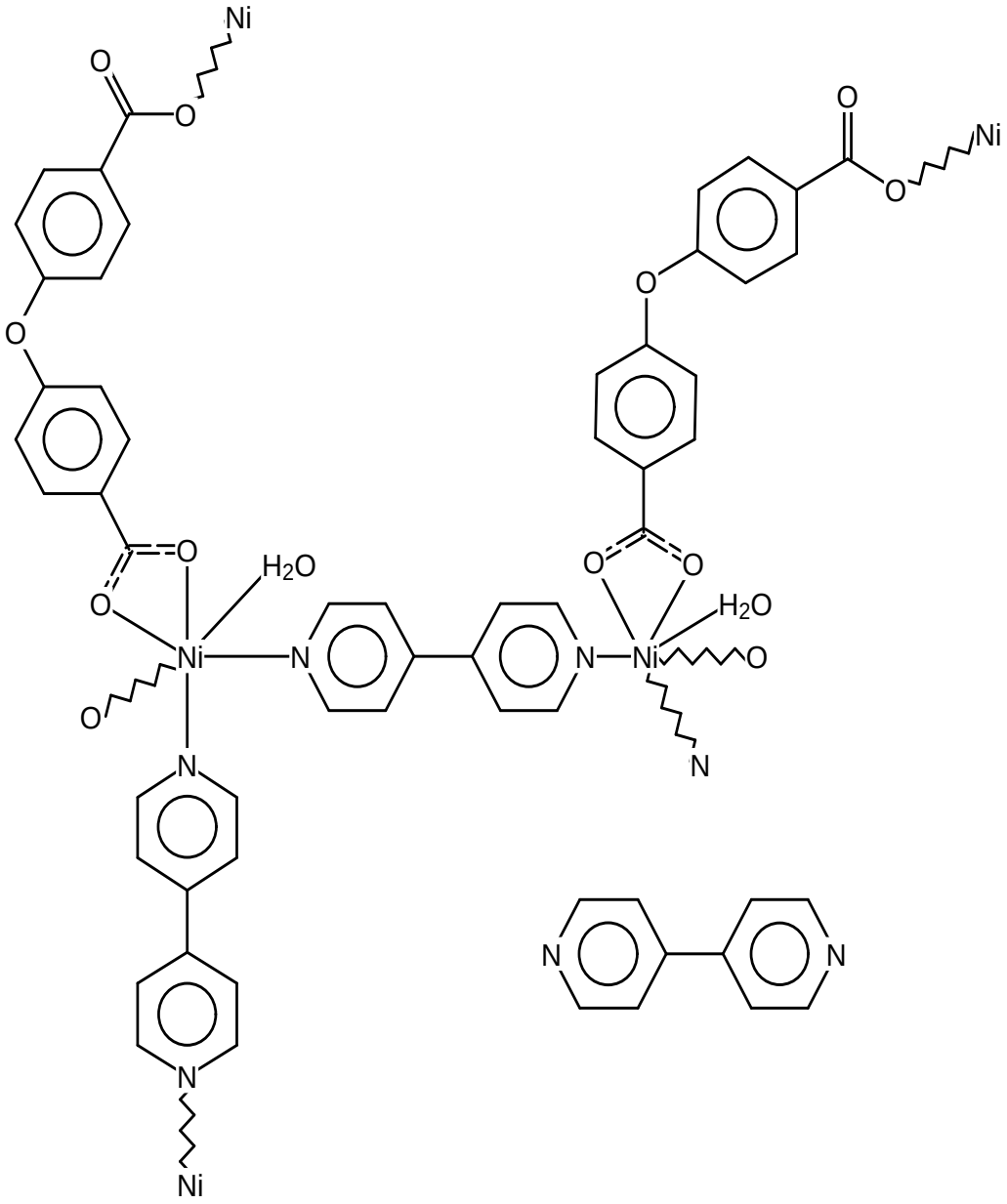
Reference: Xin-Long Wang, Chao Qin, En-Bo Wang, Yang-Guang Li, Zhong-Min Su, Lin Xu, L.Carlucci (2005) *Angew.Chem.,Int.Ed. ,***44,** 5824

Formula: $(C_{48}\ H_{36}\ N_4\ Ni_2\ O_{12})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-bis(μ_2-4,4'-oxy-bis(benzoato))-diaqua-di-nickel 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	12.430(3)	***b***	14.913(3)	***c*** 15.905(3)
Space Group No.:	2	***(Å,°)***	α	88.04(3)	β	73.07(3)	γ 70.08(3)

R-Factor (%): 7.85 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.425



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1138

KAVLAV01

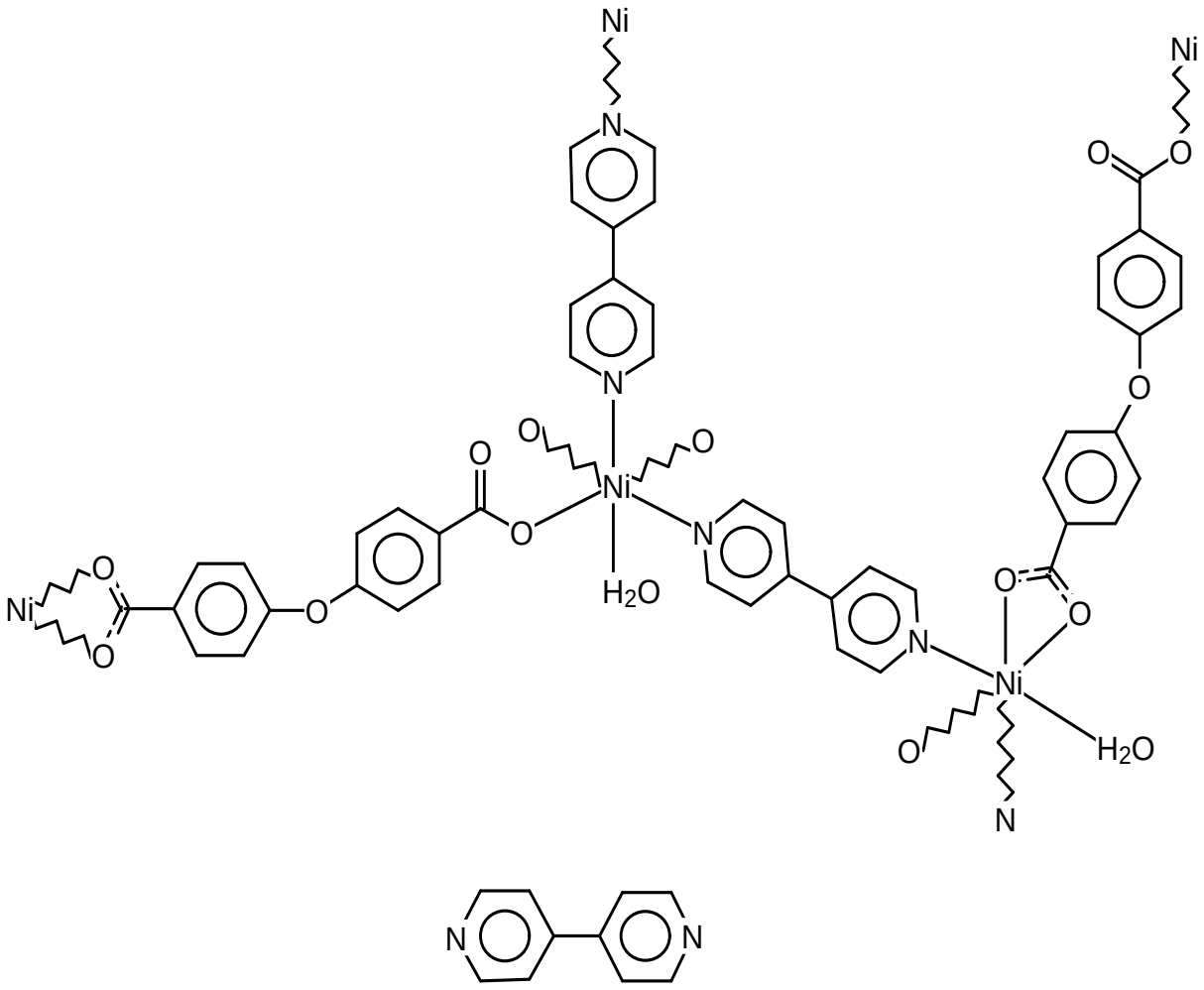
Reference: Chang-Yan Sun, Xiang-Jun Zheng, Song Gao, Li-Cun Li, Lin-Pei Jin (2005) *Eur.J.Inorg.Chem.* ,4150

Formula: $(C_{48}\ H_{36}\ N_4\ Ni_2\ O_{12})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((μ$_2$-4,4'-Oxybis(benzoato))-(μ$_2$-4,4'-bipyridyl)-aqua-nickel(ii)) 4,4'-bipyridyl solvate)

Space Group:	P-1	***Cell:***	***a***	12.375(5)	***b***	14.886(6)	***c*** 15.858(7)
Space Group No.:	2	***(Å,°)***	α	88.14(0)	β	73.23(0)	γ 69.93(0)

R-Factor (%): 7.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.438


Ni
N
O
Ni
O
O
O
O
Ni
O
O
O
O
Ni
O
O
O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1139

KAVLEZ

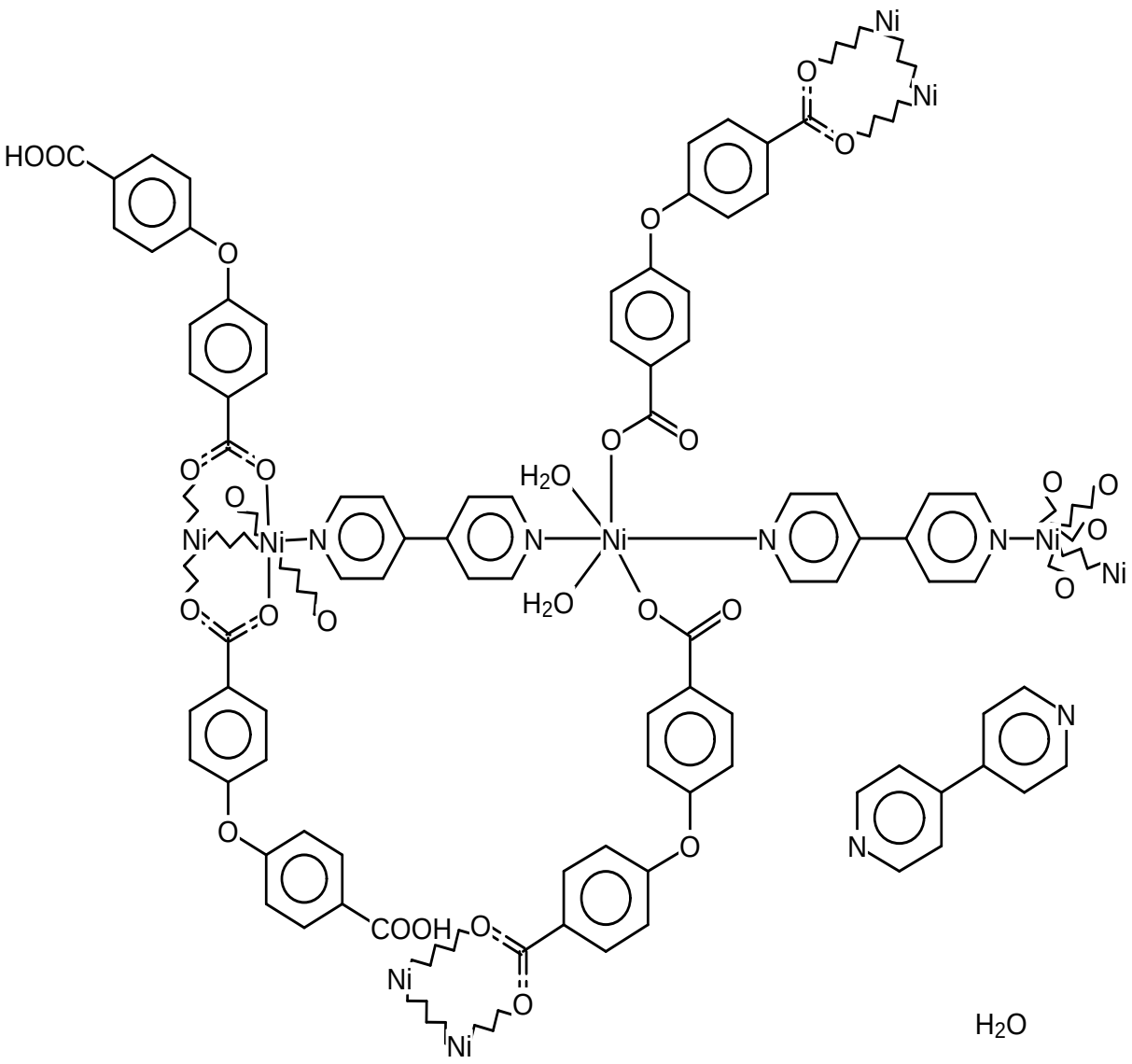
Reference: Xin-Long Wang, Chao Qin, E.-B.Wang, Yang-Guang Li, Zhong-Min Su, Lin Xu, L.Carlucci (2005) *Angew.Chem.,Int.Ed.* ,**44,** 5824

Formula: $(C_{76}\ H_{54}\ N_4\ Ni_3\ O_{22})n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-4,4'-oxybis(benzoato))-bis(μ_2-4,4'-bipyridine)-bis(μ_2-4,4'-oxy(benzoic acid)(benzoato))-bis(μ_2-4,4'-bipyridine)-diaqua-tri-nickel bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.903(2)	***b***	12.966(3)	***c*** 16.223(3)
Space Group No.:	2	***(Å,°)***	α	92.44(3)	β	92.66(3)	γ 106.50(3)

R-Factor (%): 7.33 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.454



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1140

KAVLID

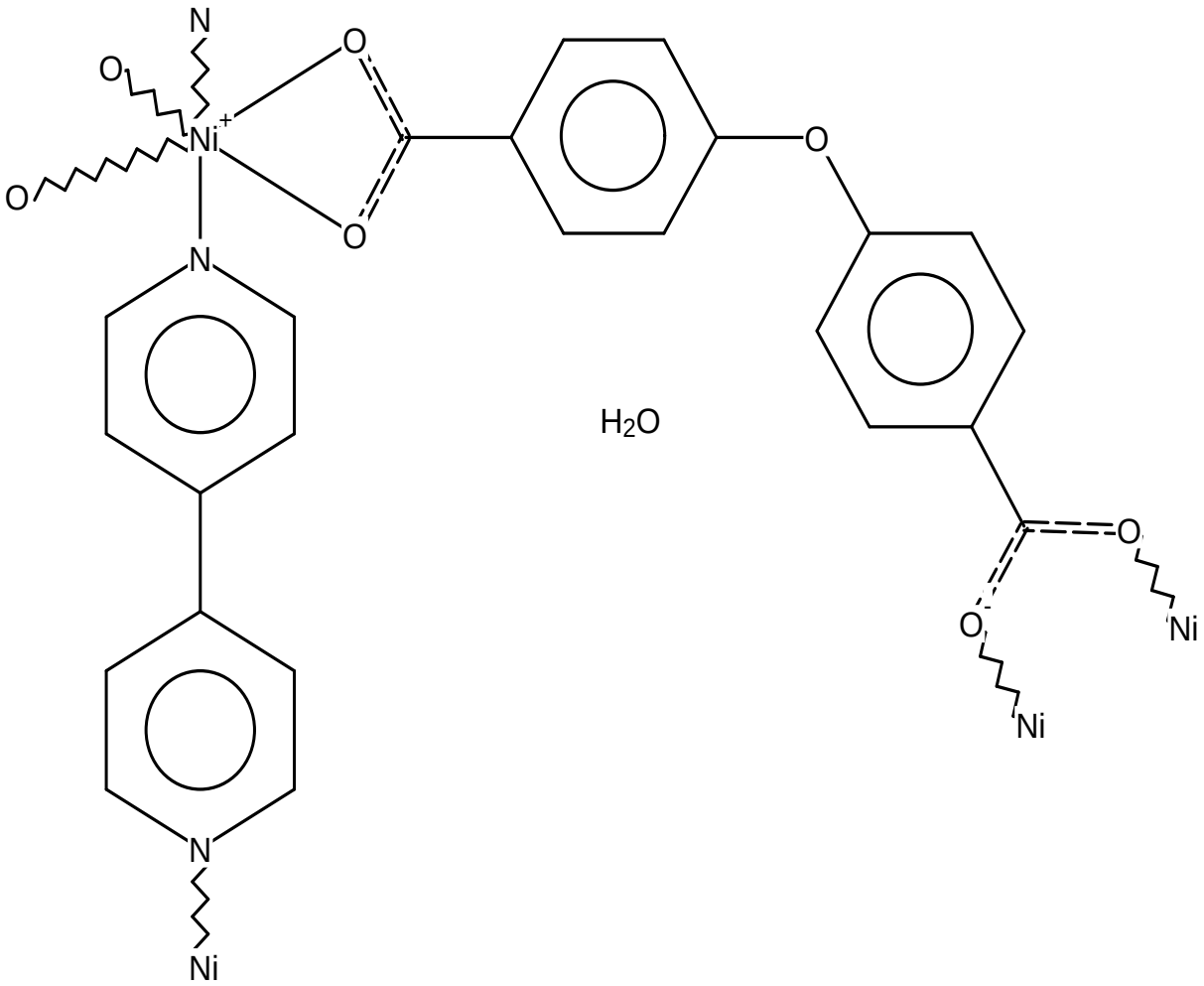
Reference: Xin-Long Wang, Chao Qin, En-Bo Wang, Yang-Guang Li, Zhong-Min Su, Lin Xu, L.Carlucci (2005) *Angew.Chem.,Int.Ed. ,***44,** 5824

Formula: $(C_{24}\ H_{16}\ N_2\ Ni_1\ O_5)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_3-4,4'-oxybis(benzoato))-(μ_2-4,4'-bipyridine)-nickel dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.911(4)	***b***	12.318(5)	***c***	19.885(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.58(3)	γ	90.00

R-Factor (%): 6.63 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.461



Search: search1 (Thu May 26 10:05:42 2011): Hit 1141

KAVRIJ

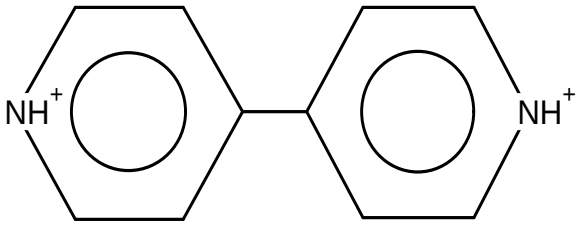
Reference: Zhenyu Shi, Xiaojun Gu, Jun Peng (2005)
Inorg.Chem.Commun. ,**8,**886

Formula: $Mo_{24}\ O_{84}\ Si_2\ V_4\ ^{8-}$,4($C_{10}\ H_{10}\ N_2\ ^{2+}$),2($H_2\ O_1$)

Compound Name: tetrakis(4,4'-bipyridinium) (bis(μ_{12}-silicate)-hexadecakis(μ_3-oxo)-tetratricosakis(μ_2-oxo)-hexacosa-oxo-hexadeca-molybdenum(vi)-octa-molybdenum(v)-tetra-vanadium(iv)) dihydrate

Space Group:	P-1	***Cell:***	***a***	11.656(2)	***b***	12.834(3)	***c***	18.116(4)
Space Group No.:	2	***(Å,°)***	α	89.68(3)	β	73.51(3)	γ	70.39(3)

R-Factor (%): 5.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.119



H_2O

$Mo_{24}V_4[\mu_{12}\text{-}O_4Si]_2[\mu_3\text{-}O]_{16}[\mu_2\text{-}O]_{34}[O]_{26}^{8-}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1142

KAWZAK

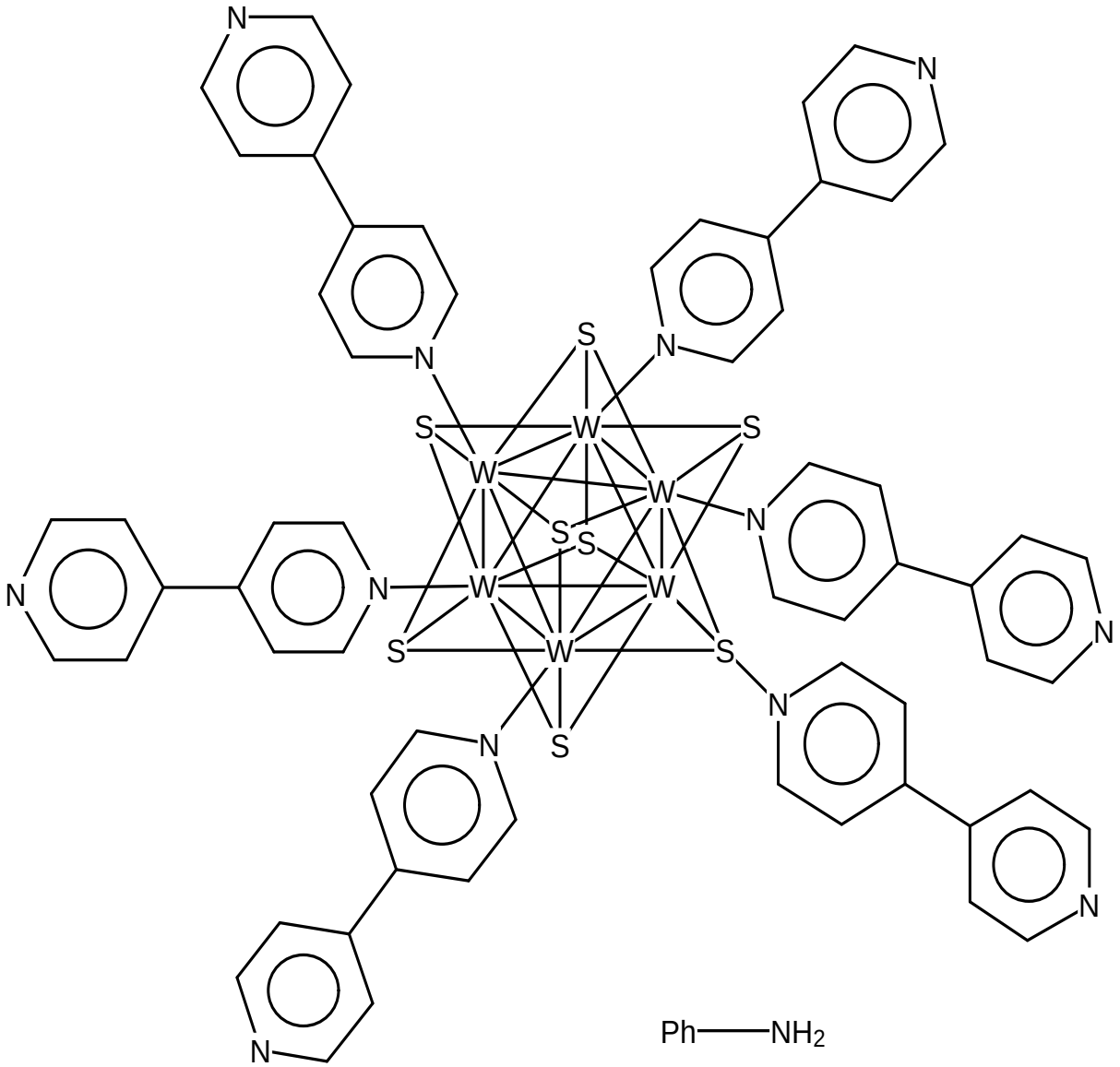
Reference: C.M.Oertel, L.L.Rayburn, Song Jin, F.J.DiSalvo (2005)
Comptes Rendus Chimie ,**8,**1779

Formula: $C_{60}\ H_{48}\ N_{12}\ S_8\ W_6$,5($C_6\ H_7\ N_1$)

Compound Name: octakis(μ_3-Sulfido)-hexakis(4,4'-bipyridyl-N)-hexa-tungsten aniline solvate

Space Group:	P-1	***Cell:***	***a***	9.357(0)	***b***	15.774(1)	***c***	15.815(1)
Space Group No.:	2	***(Å,°)***	α	99.60(0)	β	98.49(0)	γ	96.17(0)

R-Factor (%):	3.67	***Temperature(K):***	173	***Density(g/cm^3):***	2.034



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1143

KAXSUY

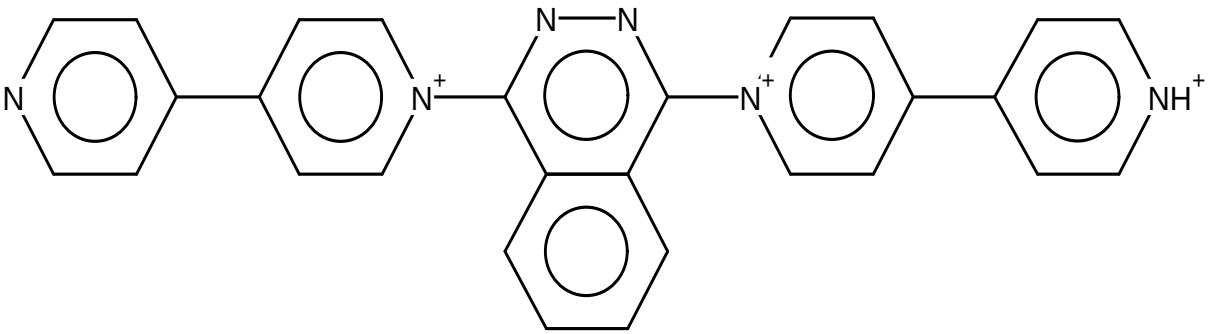
Reference: Yan-qiong Sun, Jie Zhang, Zhan-feng Ju, Guo-Yu Yang (2005) *Aust.J.Chem.* ,**58,**572

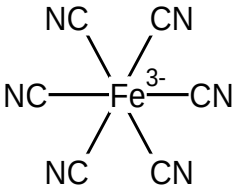
Formula: $C_{28}\,H_{21}\,N_6^{\,3+},C_6\,Fe_1\,N_6^{\,3-},5.5(H_2\,O_1)$

Compound Name: Hydrogen 1,4-bis(4,4'-bipyridinio)phthalazine hexacyano-iron(iii) hydrate

Space Group:	P-1	***Cell:***	***a***	8.318(0)	***b*** 12.468(0)	***c***	17.152(1)
Space Group No.:	2	***(Å,°)***	α	79.29(0)	β 88.00(0)	γ	86.79(0)

R-Factor (%): 9.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.433





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1144

KAYNOO

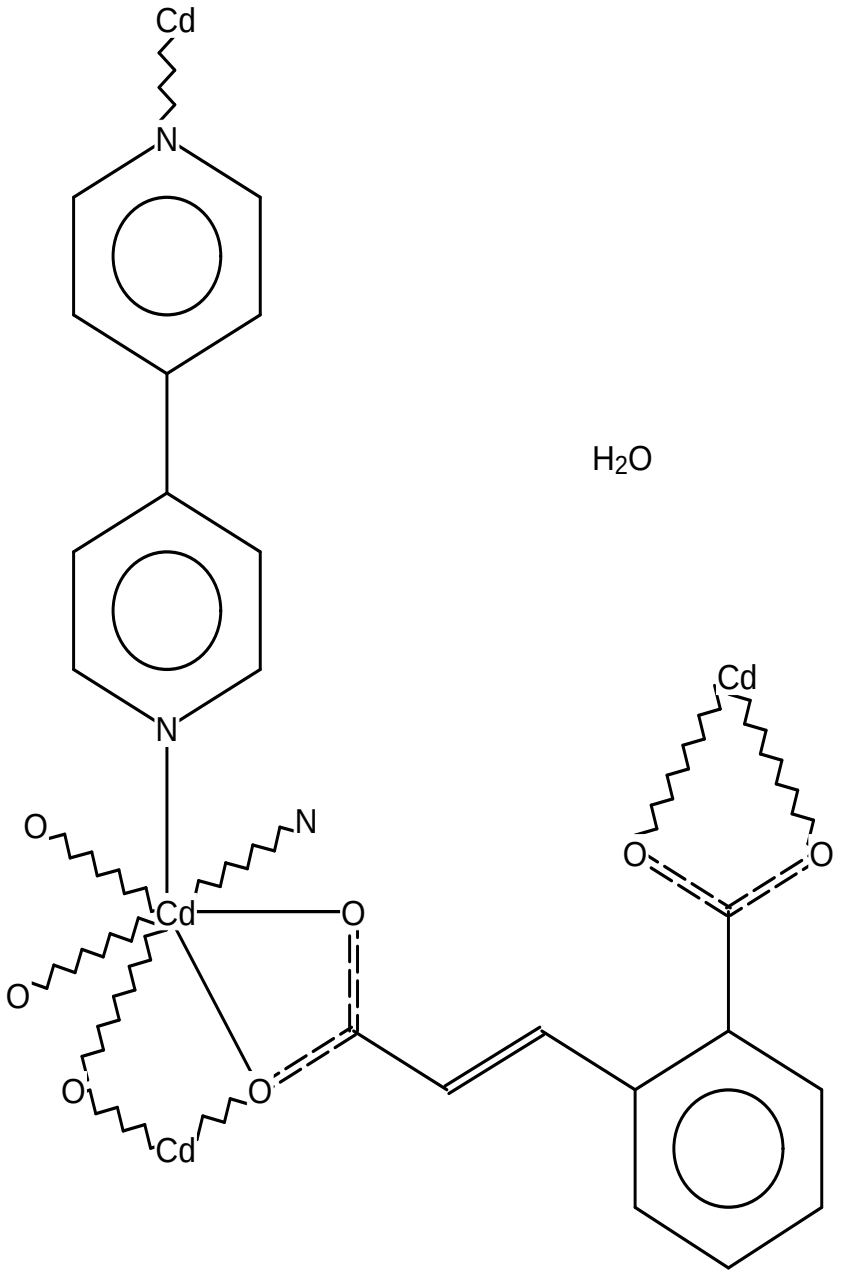
Reference: F.Li, Z.Ma, Y.-L.Wang, R.Cao, W.-H.Bi, X.Li (2005) *CrystEngComm* ,**7,**569

Formula: $(C_{20}\ H_{14}\ Cd_1\ N_2\ O_4)n,4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-2-Carboxycinnamato)-(μ_2-4,4'-bipyridyl)-cadmium(ii) tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	25.995(5)	***b*** 11.682(1)	***c***	16.660(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.58(0)	γ	90.00

R-Factor (%): 6.90 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.714



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1145

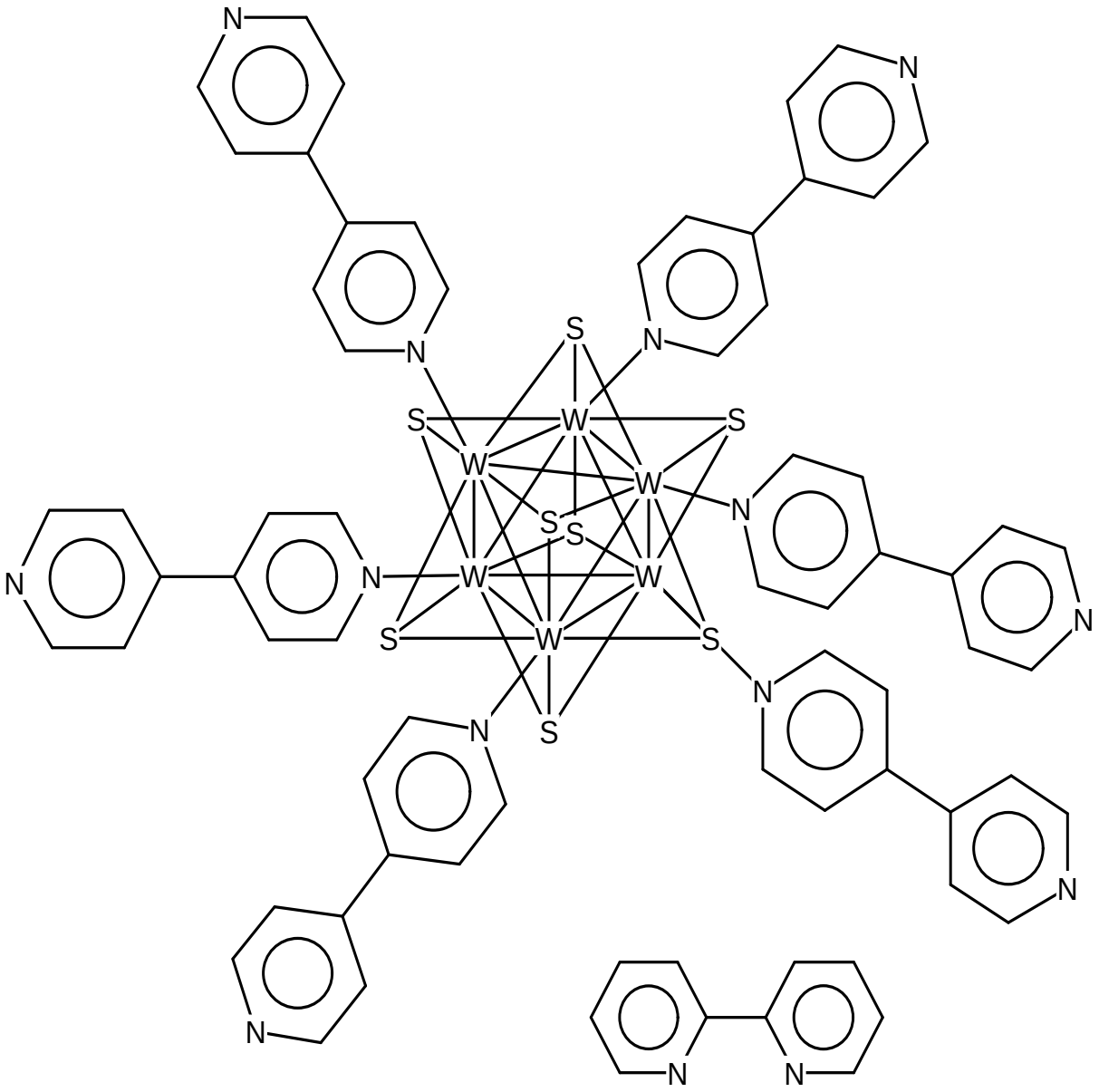
KAZGIC

Reference: C.M.Oertel, L.L.Rayburn, Song Jin, F.J.DiSalvo (2005)
Comptes Rendus Chimie ,**8,**1779

Formula: $C_{60}\ H_{48}\ N_{12}\ S_8\ W_6$,2($C_{10}\ H_8\ N_2$)

Compound Name: octakis(μ_3-Sulfido)-hexakis(4,4'-bipyridyl-N)-hexa-tungsten 4,4'-bipyridine solvate

Space Group:	P-1	***Cell:***	***a***	9.454(1)	***b***	14.621(1)	***c***	15.839(1)
Space Group No.:	2	***(Å,°)***	α	67.70(0)	β	81.33(0)	γ	86.14(0)
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		2.164	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1146

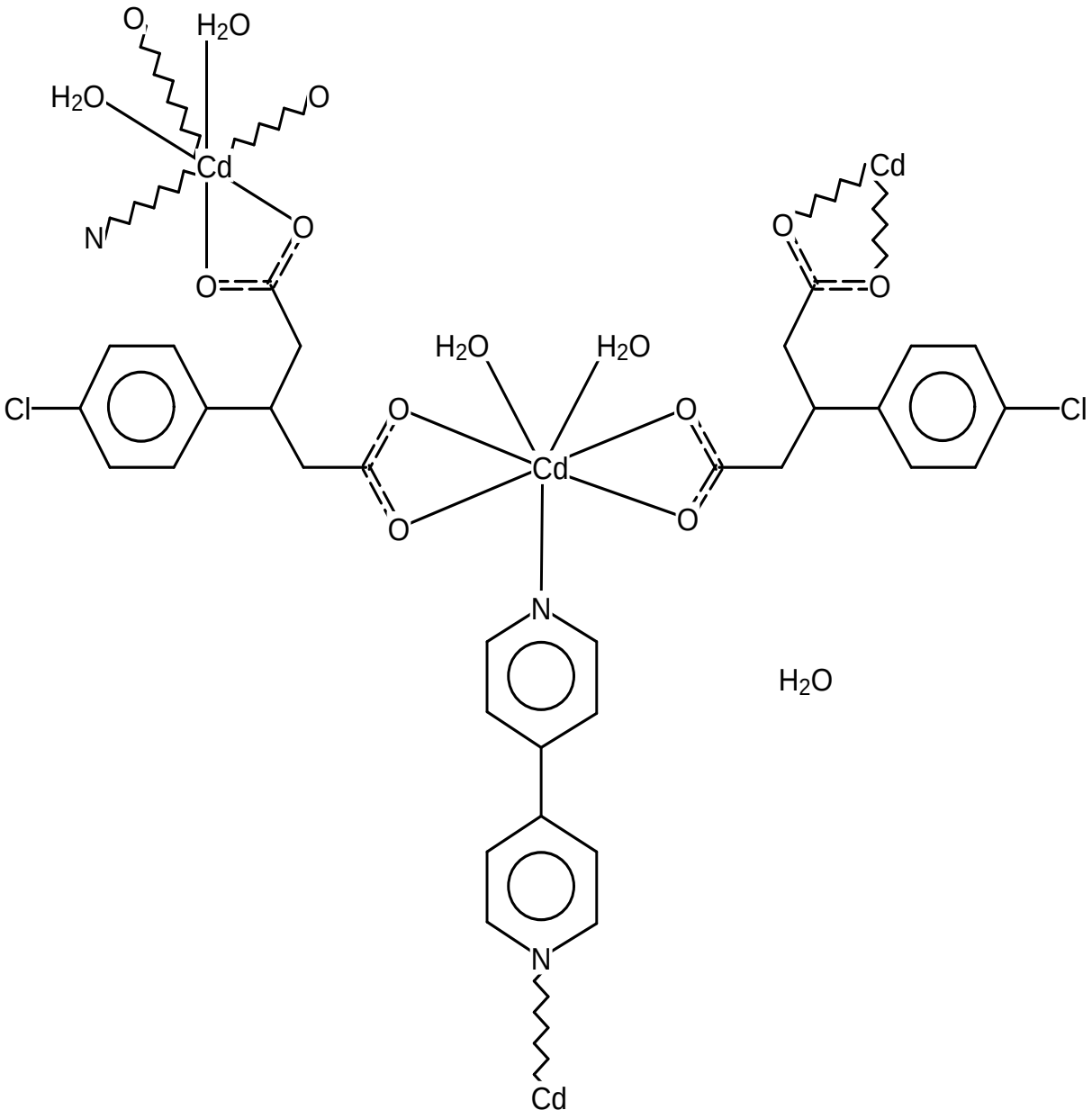
KEBTAN

Reference: Feng Li, Tao-Hai Li, Rong Cao (2005)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**24,**1462

Formula: $(C_{32}\ H_{34}\ Cd_2\ Cl_2\ N_2\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-3-(4-Chlorophenyl)glutarato)-(μ_2-4,4'-bipyridine)-tetra-aqua-di-cadmium dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.212(0)	***b***	10.228(1)	***c*** 14.943(1)
Space Group No.:	2	***(Å,°)***	α	97.57(0)	β	93.05(0)	γ 105.95(0)
R-Factor (%):	3.48	***Temperature(K):***	173	***Density(g/cm^3):***	1.789		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1147

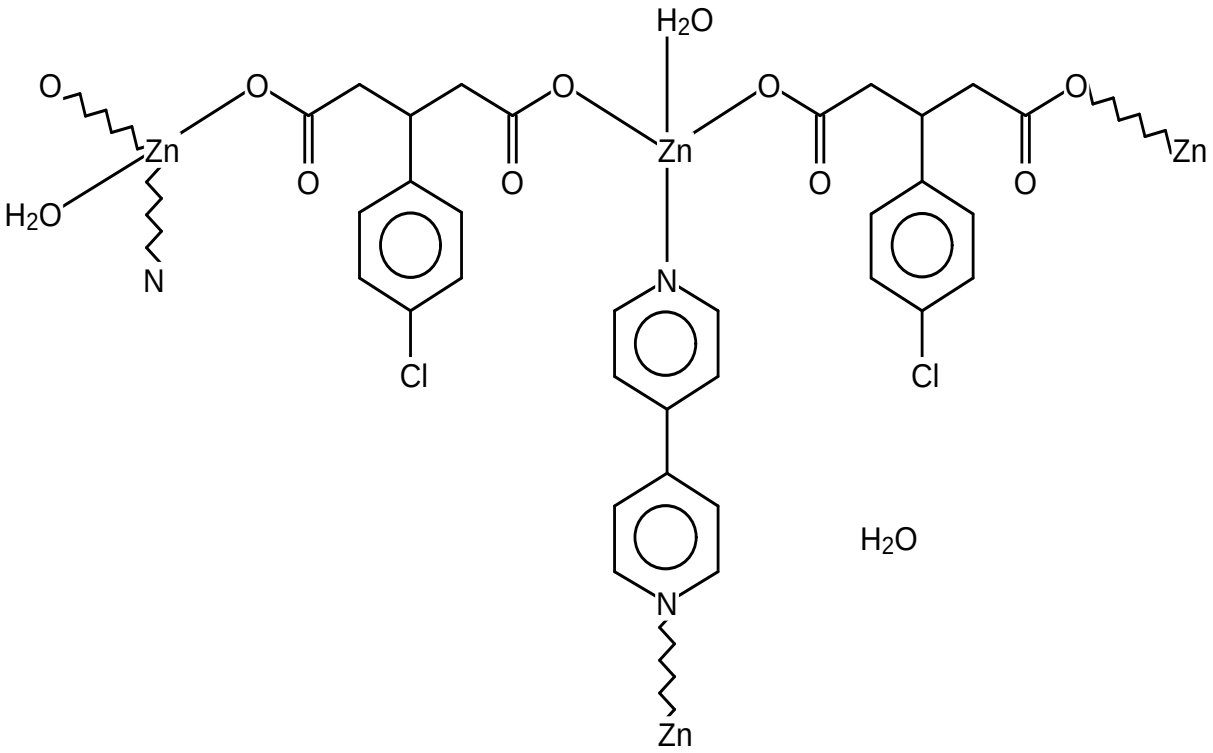
KEBTER

Reference: Feng Li, Tao-Hai Li, Rong Cao (2005)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**24,**1462

Formula: $(C_{32}\ H_{30}\ Cl_2\ N_2\ O_{10}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-3-(4-Chlorophenyl)glutarato)-(μ_2-4,4'-bipyridine)-diaqua-di-zinc dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.673(1)	***b***	10.222(1)	***c*** 13.645(2)
Space Group No.:	2	***(Å,°)***	α	96.15(0)	β	99.88(0)	γ 108.50(0)
R-Factor (%):	2.89	***Temperature(K):***	173		***Density(g/cm^3):***		1.629



Search: search1 (Thu May 26 10:05:42 2011): Hit 1148

KEDCAY

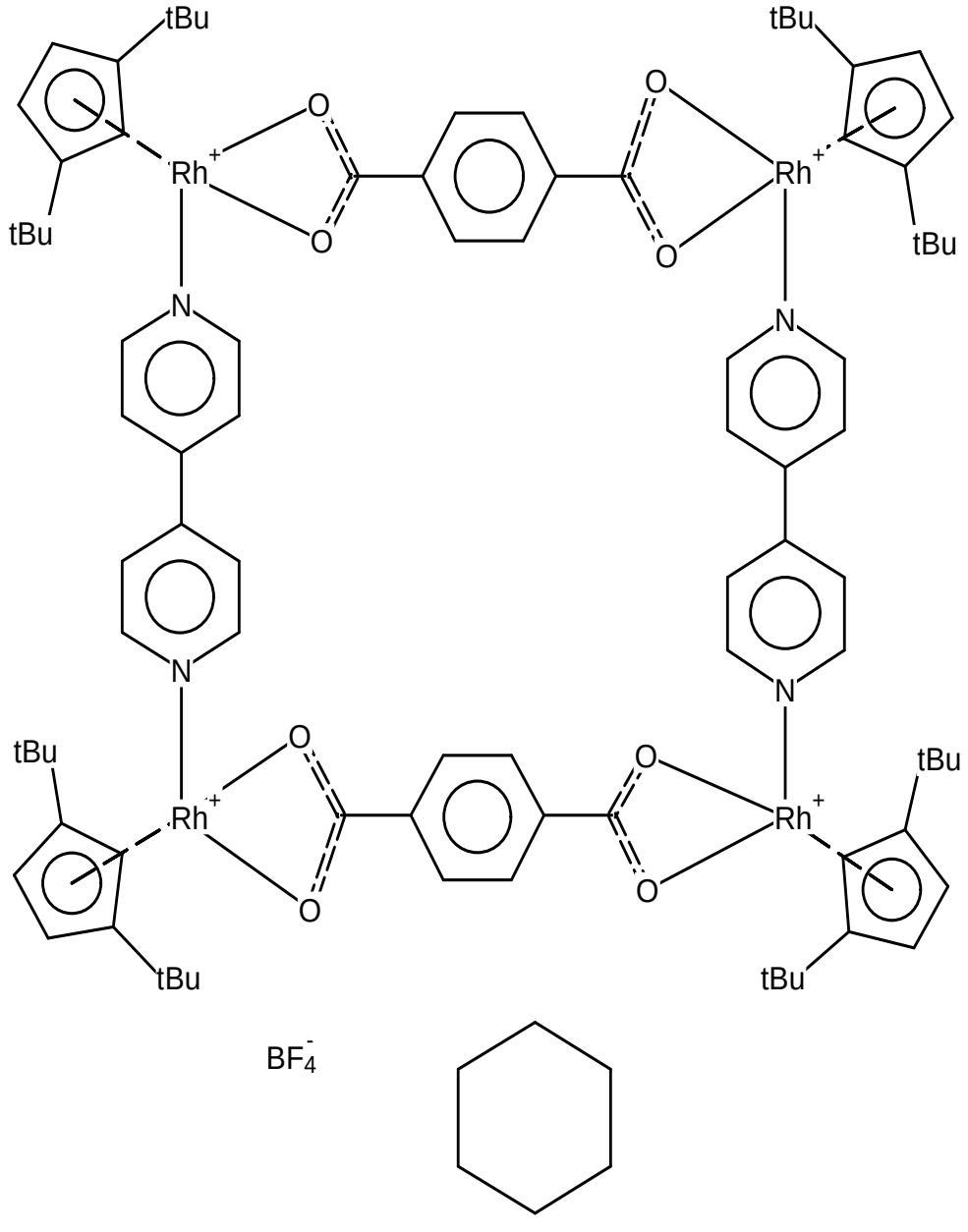
Reference: Jian-Qiang Wang, Chun-Xia Ren, Guo-Xin Jin (2006) *Organometallics* ,**25,**74

Formula: $C_{88}\ H_{108}\ N_4\ O_8\ Rh_4\ ^{4+}$,4($B_1\ F_4\ ^{1-}$),2($C_6\ H_{12}$)

Compound Name: bis(μ_2-4,4'-bipyridyl)-bis(μ_2-terephthalato)-tetrakis((η^5-1,3-di-t-butylcyclopentadienyl)-rhodium(iii) tetrafluoroborate) cyclohexane solvate

Space Group:	P42/mbc	***Cell:***	***a***	20.232(3)	***b***	20.232(3)	***c***	35.833(7)
Space Group No.:	135	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.37 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.031



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1149

KEDCIG

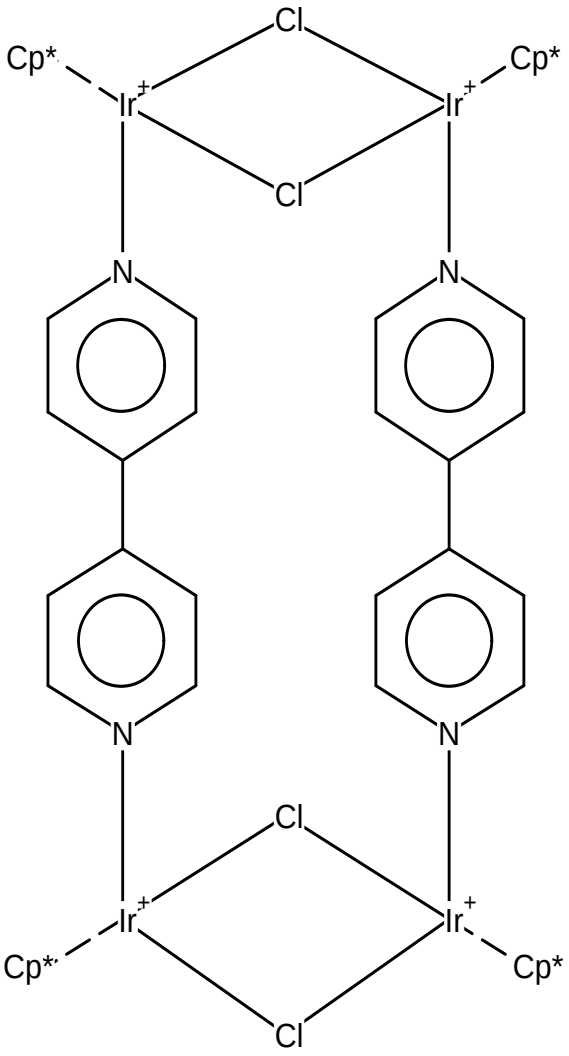
Reference: Jian-Qiang Wang, Chun-Xia Ren, Guo-Xin Jin (2006) *Organometallics* ,**25,**74

Formula: $C_{60}\ H_{76}\ Cl_4\ Ir_4\ N_4\ ^{4+}$,4($B_1\ F_4\ ^{1-}$),6($C_1\ H_2\ Cl_2$)

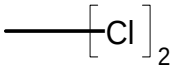
Compound Name: bis(μ_2-4,4'-bipyridyl)-tetrakis((μ_2-chloro)-(η^5-pentamethylcyclopentadienyl)-iridium(iii) tetrafluoroborate) dichloromethane solvate

Space Group:	P-1	***Cell:***	***a***	9.414(8)	***b***	12.751(11)	***c*** 20.270(17)
Space Group No.:	2	***(Å,°)***	α	98.67(1)	β	99.07(1)	γ 100.05(1)

R-Factor (%): 5.24 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.871



BF_4^-



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1150

KEDCOM

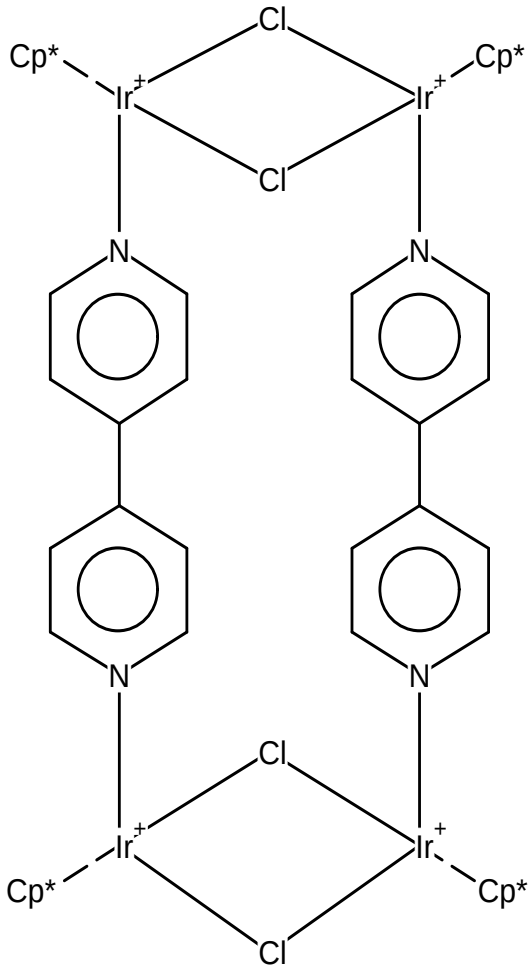
Reference: Jian-Qiang Wang, Chun-Xia Ren, Guo-Xin Jin (2006) *Organometallics* ,**25,**74

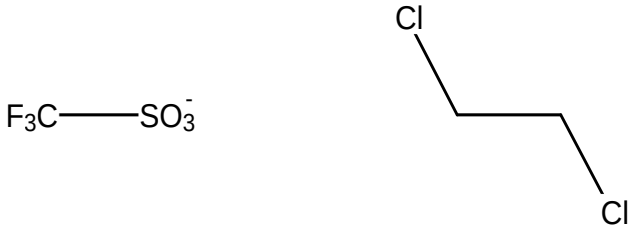
Formula: $C_{60}\ H_{76}\ Cl_4\ Ir_4\ N_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),5($C_2\ H_4\ Cl_2$)

Compound Name: bis(μ_2-4,4'-bipyridyl)-tetrakis((μ_2-chloro)-(η^5-pentamethylcyclopentadienyl)-iridium(ii) trifluoromethanesulfonate) 1,2-dichloroethane solvate

Space Group:	P-1	***Cell:***	***a***	12.726(8)	***b***	13.736(9)	***c***	15.503(10)
Space Group No.:	2	***(Å,°)***	α	80.43(0)	β	71.02(0)	γ	84.87(0)

R-Factor (%): 3.71 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.877





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1151

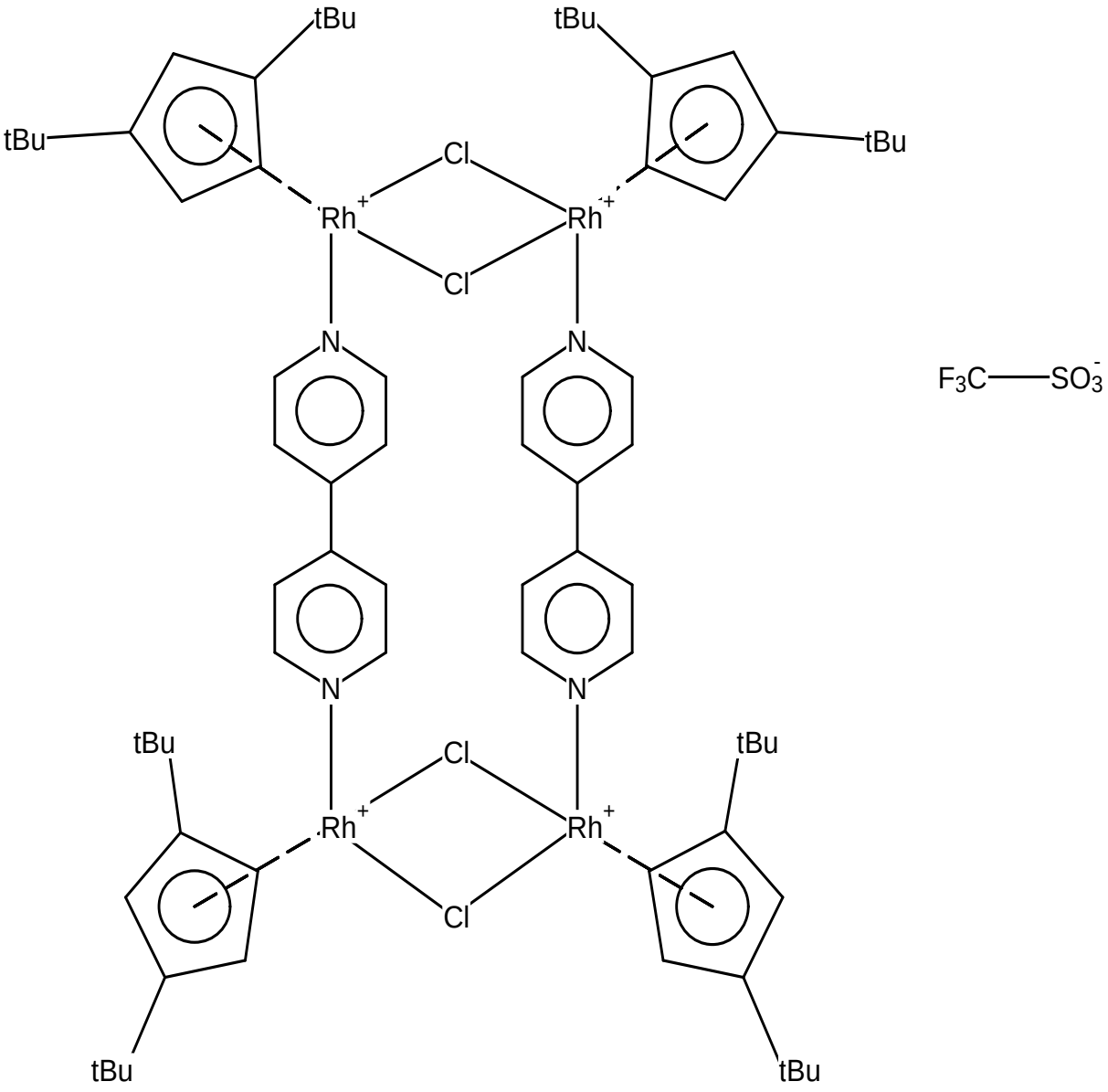
KEDCUS

Reference: Jian-Qiang Wang, Chun-Xia Ren, Guo-Xin Jin (2006) *Organometallics* ,**25,**74

Formula: $C_{72}\ H_{100}\ Cl_4\ N_4\ Rh_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: bis(μ_2-4,4'-bipyridyl)-tetrakis((μ_2-chloro)-(η^5-1,3-di-t-butylcyclopentadienyl)-rhodium(iii) trifluoromethanesulfonate)

Space Group:	P2/c	***Cell:***	***a***	23.406(4)	***b***	12.868(2)	***c***	36.790(7)
Space Group No.:	13	***(Å,°)***	α	90.00	β	91.09(0)	γ	90.00
R-Factor (%):	10.24	***Temperature(K):***	298		***Density(g/cm^3):***	1.302		



Search: search1 (Thu May 26 10:05:42 2011): Hit 1152

KELZAC

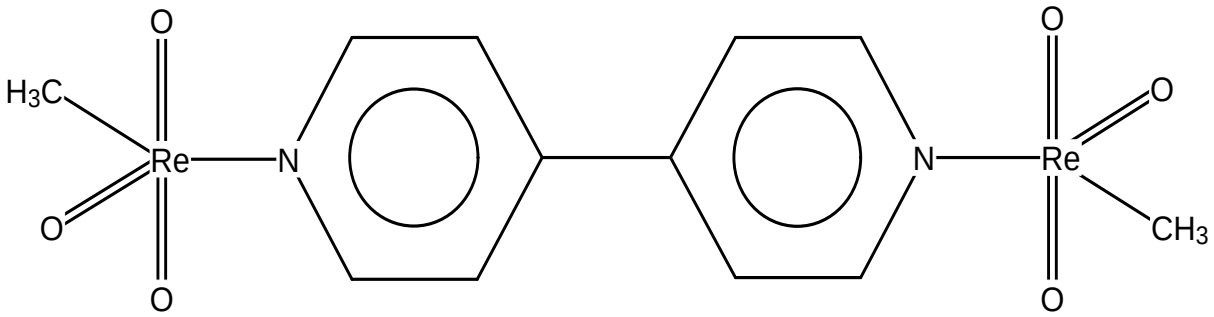
Reference: F.E.Kuhn, A.M.Santos, P.W.Roesky, E.Herdtweck, W.Scherer, P.Gisdakis, I.V.Yudanov, C.Di Valentin, N.Rosch (1999) *Chem.-Eur.J.* ,**5,**3603

Formula: $C_{12}\,H_{14}\,N_2\,O_6\,Re_2$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(methyl-trioxo-rhenium(vii))

Space Group:	P21/n	***Cell:***	***a***	6.346(0)	***b***	5.288(0)	***c*** 24.160(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.39(0)	γ 90.00

R-Factor (%): 4.07 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1153

KEQGIX

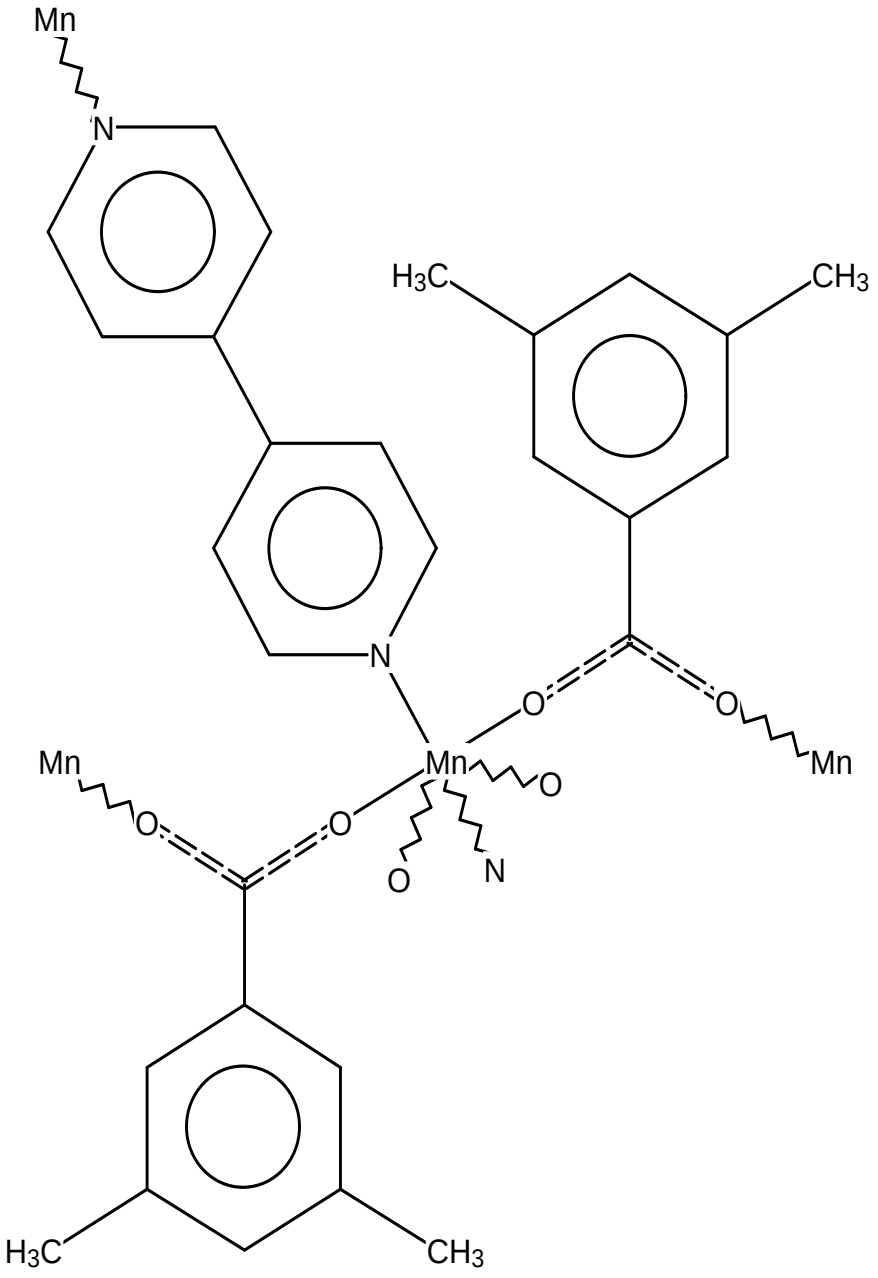
Reference: Miao-Ling Huang (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2075

Formula: $(C_{28}\ H_{26}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-(bis(μ_2-3,5-Dimethylbenzoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	20.996(8)	***b*** 11.835(5)	***c***	9.958(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.16(0)	γ	90.00

R-Factor (%): 3.34 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1154

KEQGIX01

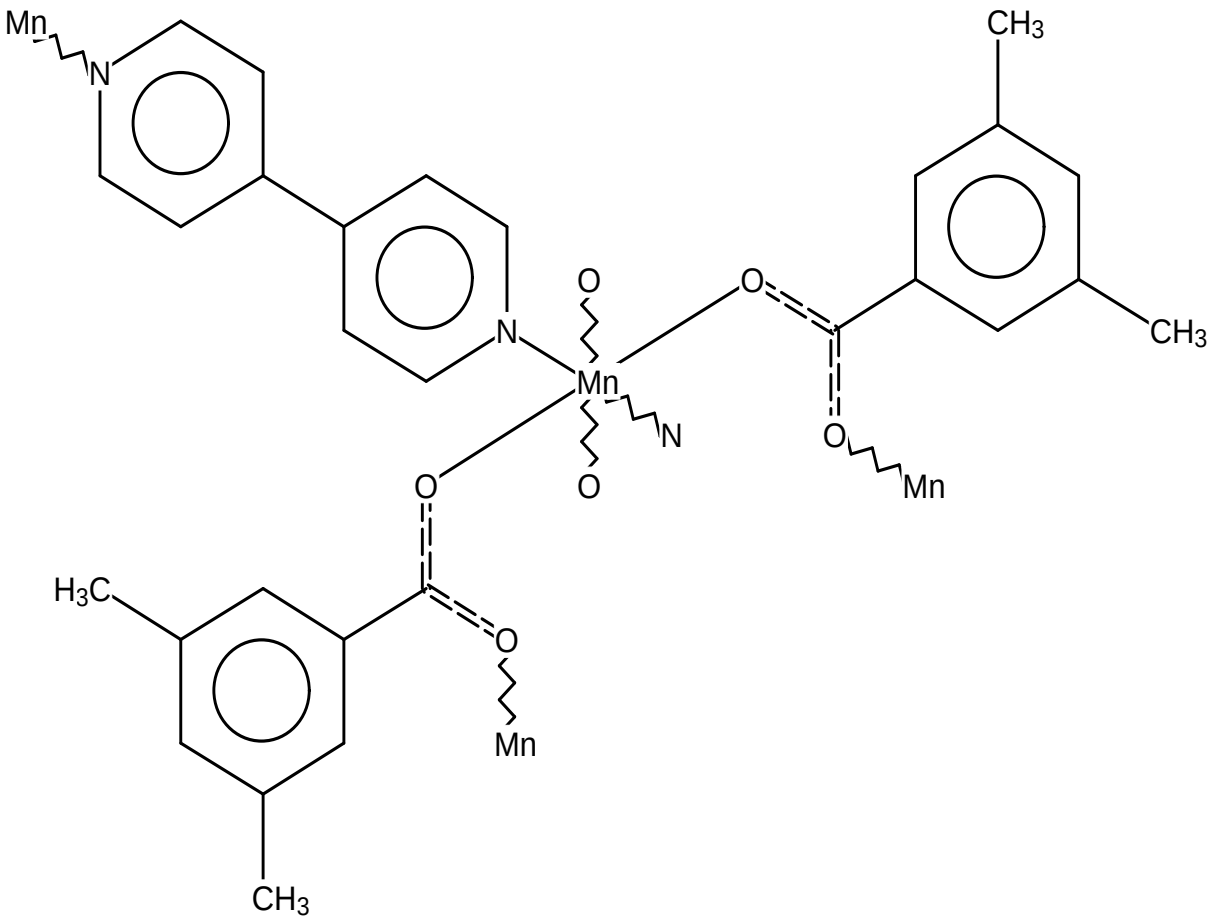
Reference: Chun-Hua Zhang, Man-Sheng Chen, Dai-Zhi Kuang (2006) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**25,**1213

Formula: $(C_{28}\ H_{26}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-(bis(μ_2-3,5-Dimethylbenzoato)-(μ_2-4,4'-bipyridine)-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	20.996(8)	***b*** 11.835(5)	***c***	9.958(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.16(0)	γ	90.00

R-Factor (%): 3.34 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1155

KEQNUQ

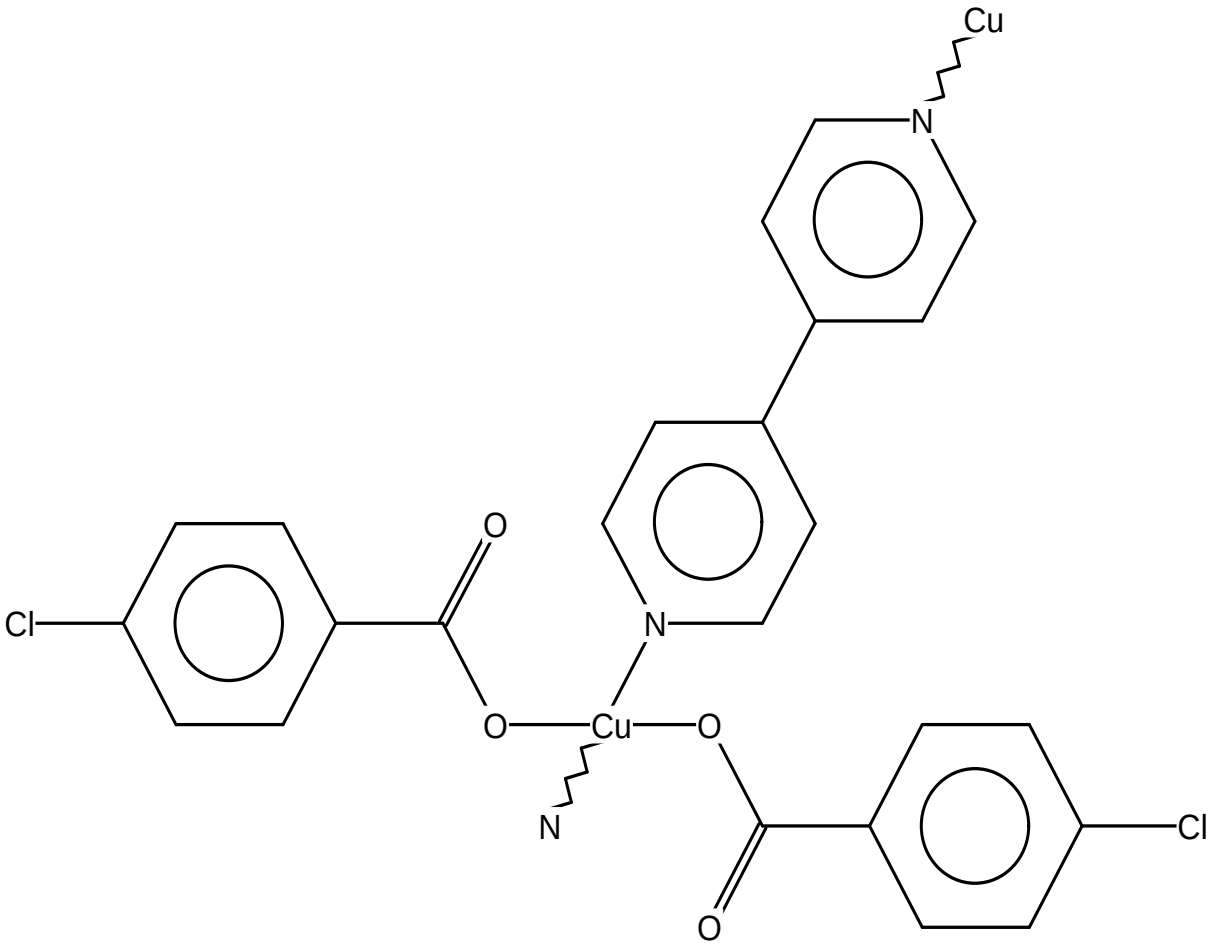
Reference: Lin Xue, Yun-Xia Che, Ji-Min Zheng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2750

Formula: $(C_{24}\ H_{16}\ Cl_2\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-(μ_2-4,4-Bipyridine-N,N')-bis(4-chlorobenzoato-O)-copper(ii))

Space Group:	P-1	***Cell:***	***a***	5.401(1)	***b***	8.936(1)	***c*** 12.019(2)
Space Group No.:	2	***(Å,°)***	α	103.17(3)	β	94.31(3)	γ 100.11(3)

R-Factor (%): 3.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.597



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1156

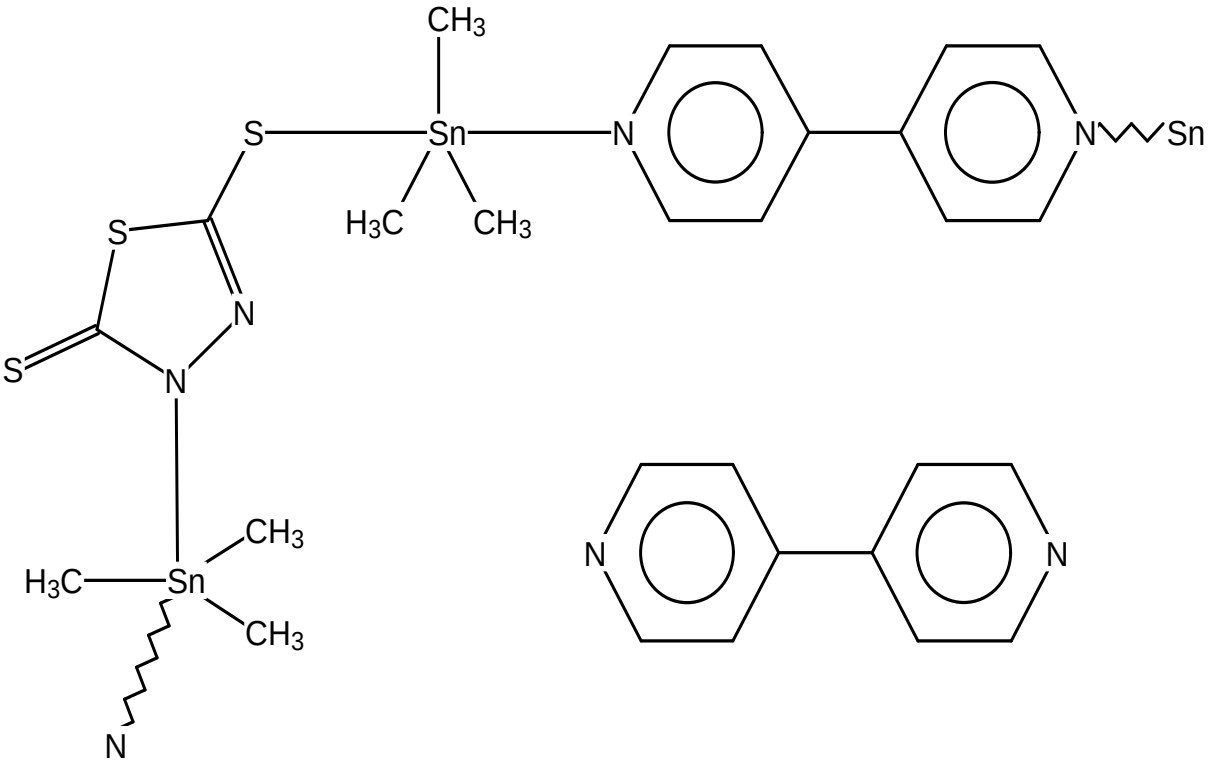
KERKEY

Reference: Lin-Lin Qiu, Ji-Kun Li, Jun-Shan Sun, Ru-Fen Zhang
(2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,**m3052

Formula: $(C_{18}\ H_{26}\ N_4\ S_3\ Sn_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-bipyridyl)-(μ_2-1,3,4-thiadiazole-2,5(3H)-dithionato)-hexamethyl-di-tin(iv) 4,4'-bipyridine clathrate)

Space Group:	Pc	***Cell:***	***a***	10.886(5)	***b***	11.525(5)	***c***	13.236(6)
Space Group No.:	7	***(Å,°)***	α	90.00	β	95.25(0)	γ	90.00
R-Factor (%):	3.64	***Temperature(K):***	298		***Density(g/cm^3):***		1.583	



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1157

KERLOJ

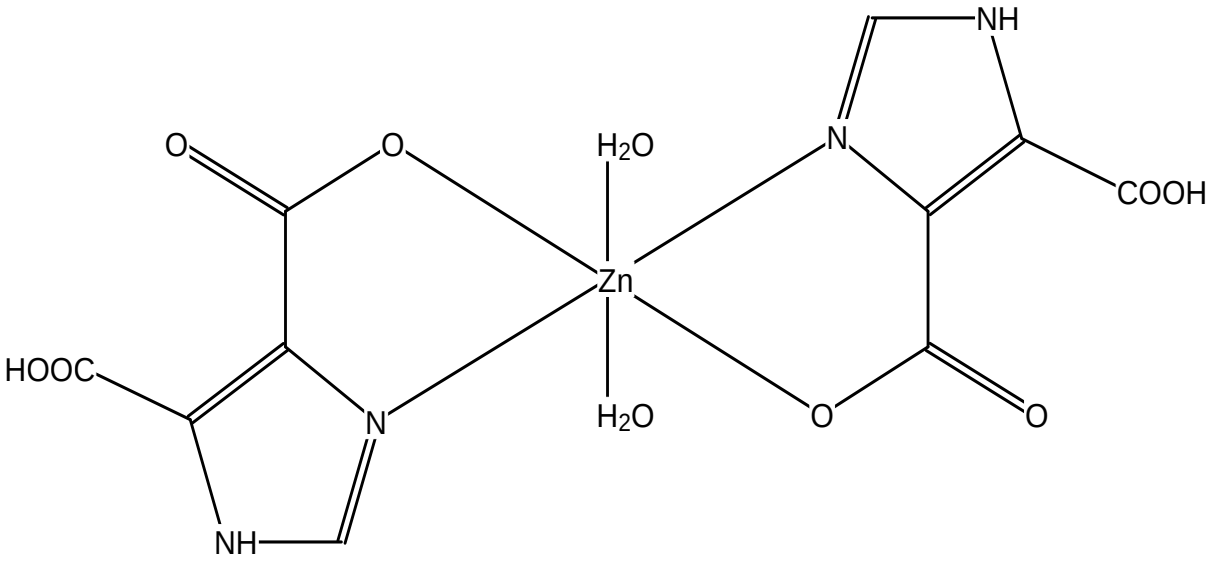
Reference: Rui-Qin Zhong, Ru-Qiang Zou, Qiang Xu (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2789

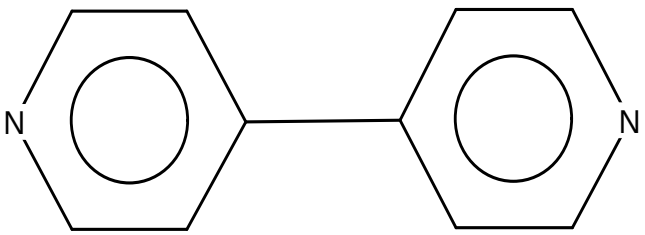
Formula: $C_{10}\,H_{10}\,N_4\,O_{10}\,Zn_1$,$C_{10}\,H_8\,N_2$

Compound Name: Diaquabis(5-carboxy-1H-imidazole-4-carboxylato-κ^2N,O)zinc(ii) 4,4'-bipyridine solvate

Space Group:	P-1	***Cell:***	***a***	5.019(0)	***b***	6.650(0)	***c*** 17.048(1)
Space Group No.:	2	***(Å,°)***	α	86.32(0)	β	86.69(0)	γ 72.59(0)

R-Factor (%): 2.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.741





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1158

KERMEA

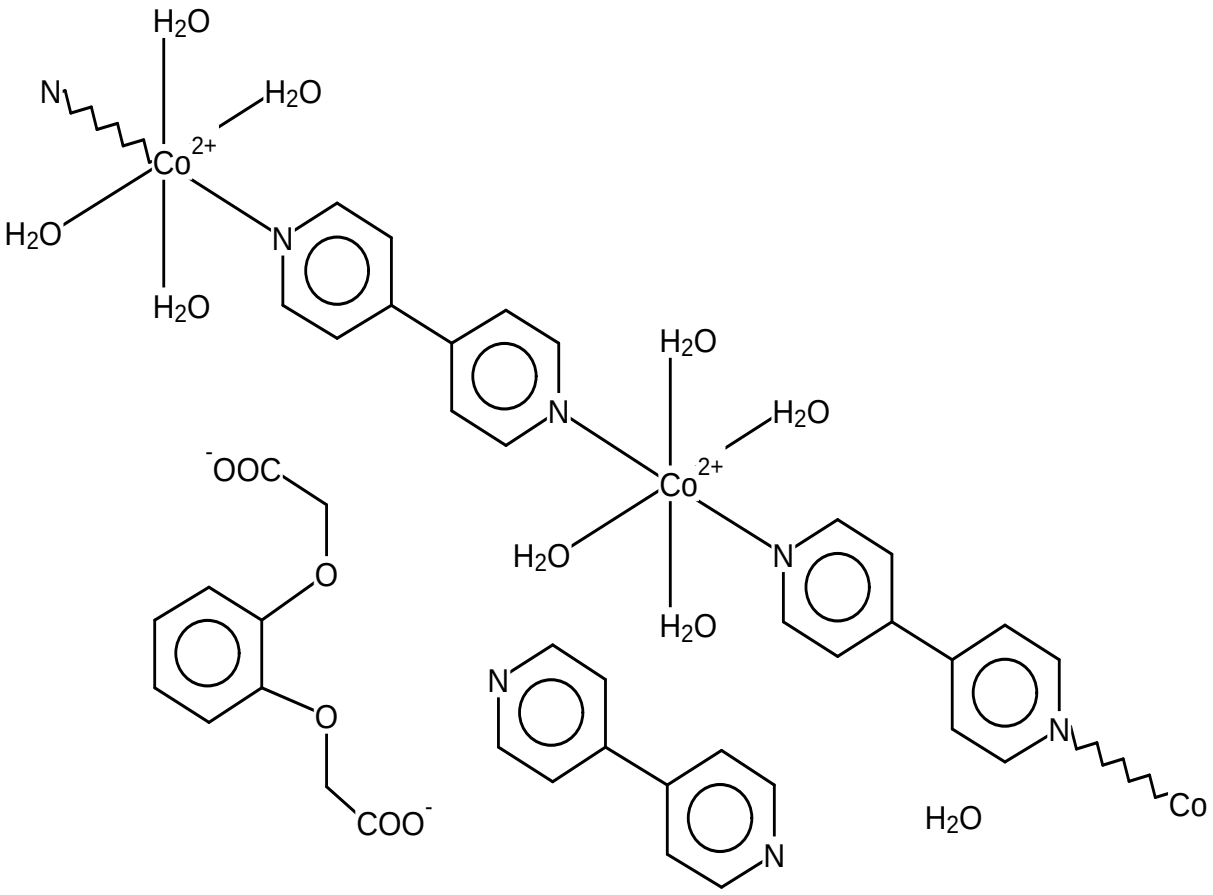
Reference: Jin-Sheng Gao, Guang-Feng Hou, Ying-Hui Yu, Yan-Jun Hou, Peng-Fei Yan (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**62,**m2913

Formula: $(C_{20}\ H_{32}\ Co_2\ N_4\ O_8\ ^{4+})n,2n(C_{10}\ H_8\ O_6\ ^{2-}),n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_2$-4,4'-bipyridine)-octaaqua-di-cobalt(ii) 1,2-phenylenedioxydiacetate 4,4'-bipyridine solvate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.742(1)	***b***	11.443(2)	***c***	13.916(3)
Space Group No.:	2	***(Å,°)***	α	73.19(3)	β	80.46(3)	γ	69.63(3)

R-Factor (%): 3.12 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.496



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1159

KERVUZ

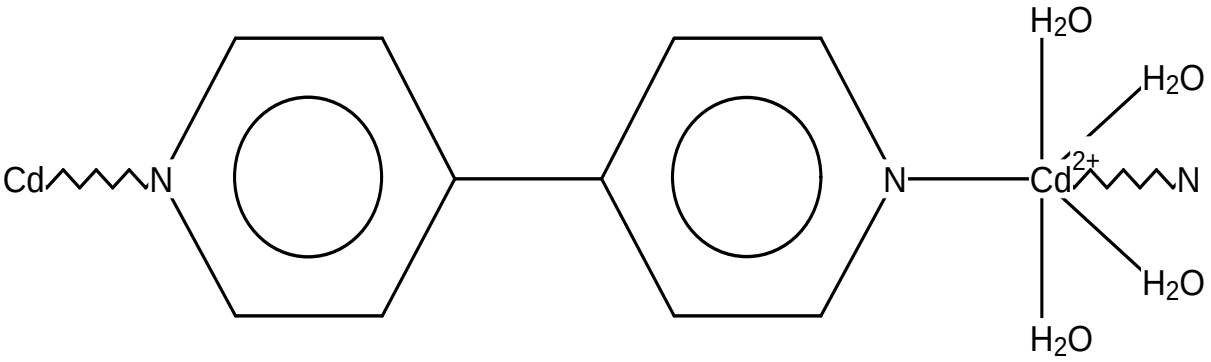
Reference: Ya-Ru Pan, Li-Bin Wang, Pei-Ying Zhan, Yan-Ling Niu, Gao-Quan Zhang (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **62,**m3034

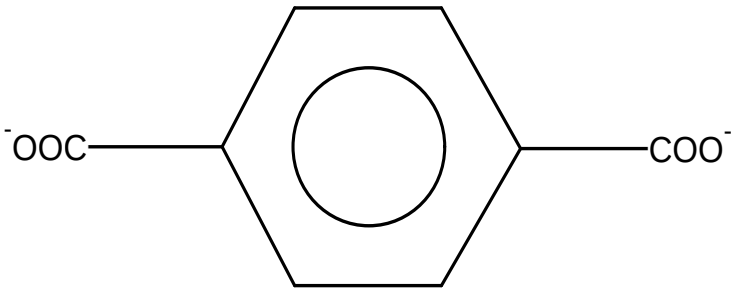
Formula: $(C_{10}\ H_{16}\ Cd_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetraaqua-cadmium(ii) benzene-1,4-dicarboxylate)

Space Group:	P2/n	***Cell:***	***a***	7.029(5)	***b*** 11.649(5)	***c***	11.541(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.14(0)	γ	90.00

R-Factor (%): 2.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.815





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1160

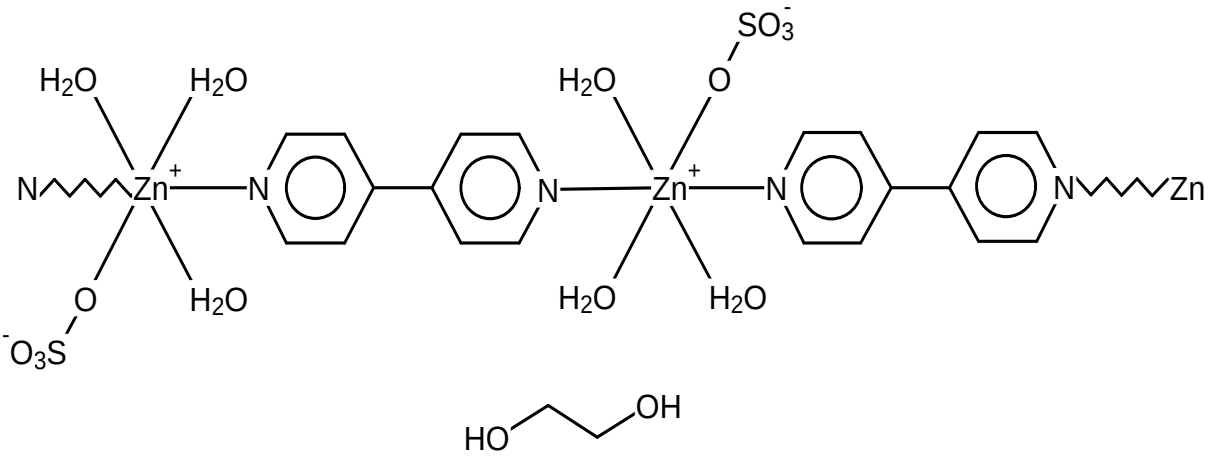
KERWOU

Reference: Wen-Jie Lu, Yi-Min Zhu, Kai-Long Zhong (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m3036

Formula: $(C_{20}\ H_{28}\ N_4\ O_{14}\ S_2\ Zn_2)n,2n(C_2\ H_6\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(sulfato-O)-hexaaqua-di-zinc(ii) ethane-1,2-diol solvate)

Space Group:	P21/n	***Cell:***	***a***	7.536(0)	***b***	11.750(1)	***c*** 19.460(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.78(0)	γ 90.00
R-Factor (%):	2.57	***Temperature(K):***	293		***Density(g/cm^3):***	1.692	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1161

KEVPOR

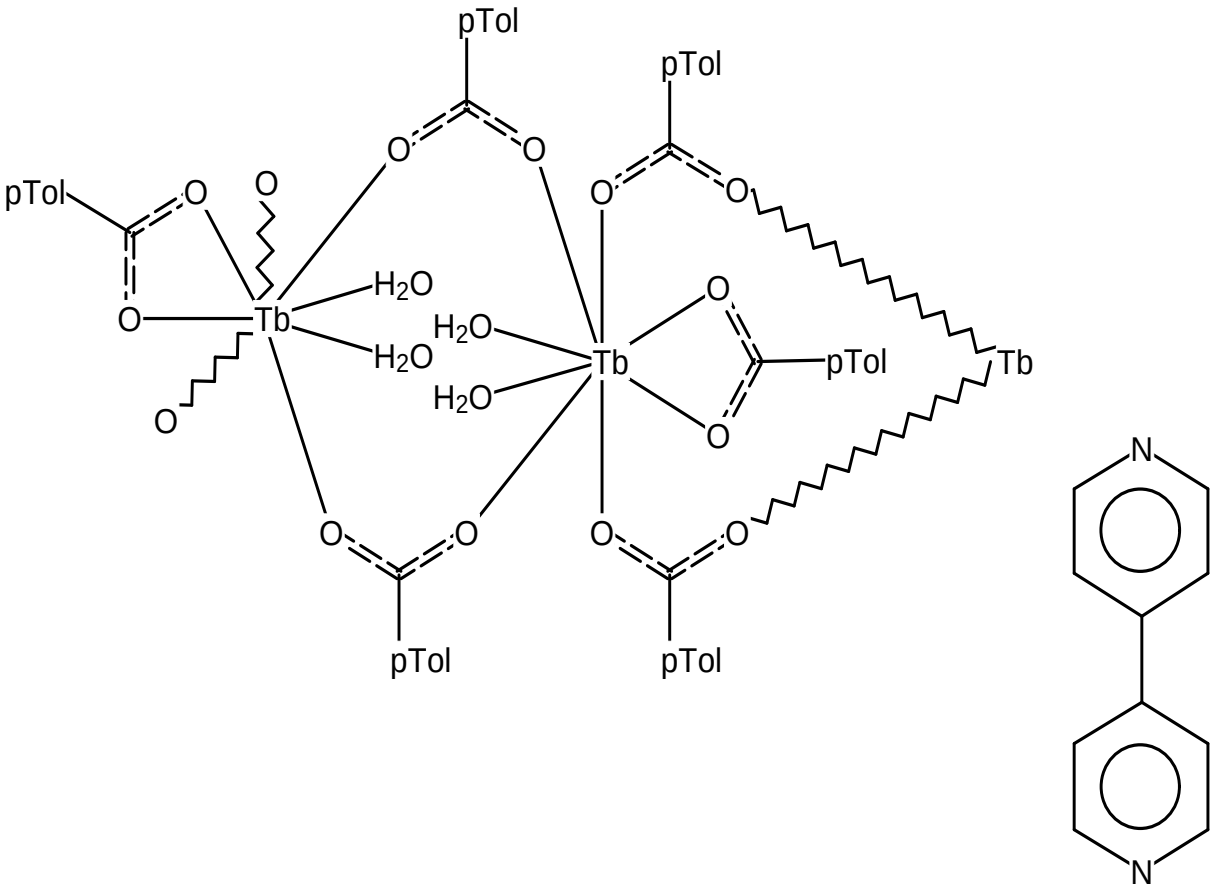
Reference: Chang-Hong Li, Dong-Cai Guo, Ying-Qun Yang, Wei Li, Yun-Fei Kuang (2006)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**22,**2085

Formula: $(C_{48}\ H_{50}\ O_{16}\ Tb_2)n,3n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_2-4-Methylbenzoato)-tetra-aqua-bis(4-methylbenzoato)-di-terbium(iii) 4,4'-bipyridine solvate)

Space Group:	P21/n	***Cell:***	***a***	9.740(1)	***b***	26.058(3)	***c*** 14.578(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.11(0)	γ 90.00

R-Factor (%): 3.24 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.507



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1162

KEVQEI

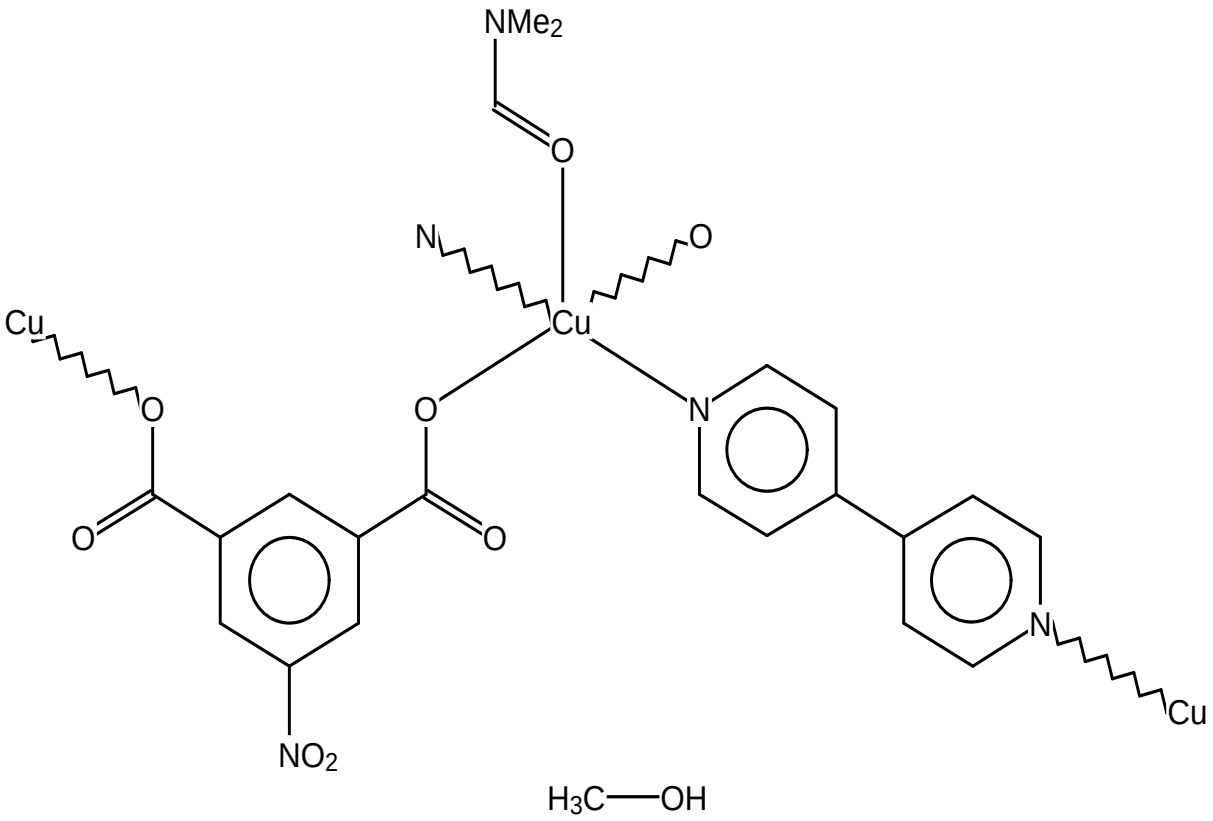
Reference: Yi-Li Zhou, Hong-Yin He, Jie Chen (2006)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**22,**2239

Formula: $(C_{21}\ H_{18}\ Cu_1\ N_4\ O_7)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-5-nitroisophthalato)-(dimethylformamide)-copper(ii) methanol solvate)

Space Group:	P21/c	***Cell:***	***a***	8.677(1)	***b***	17.565(4)	***c*** 15.334(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.93(0)	γ 90.00

R-Factor (%): 6.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1163

KEVWAK

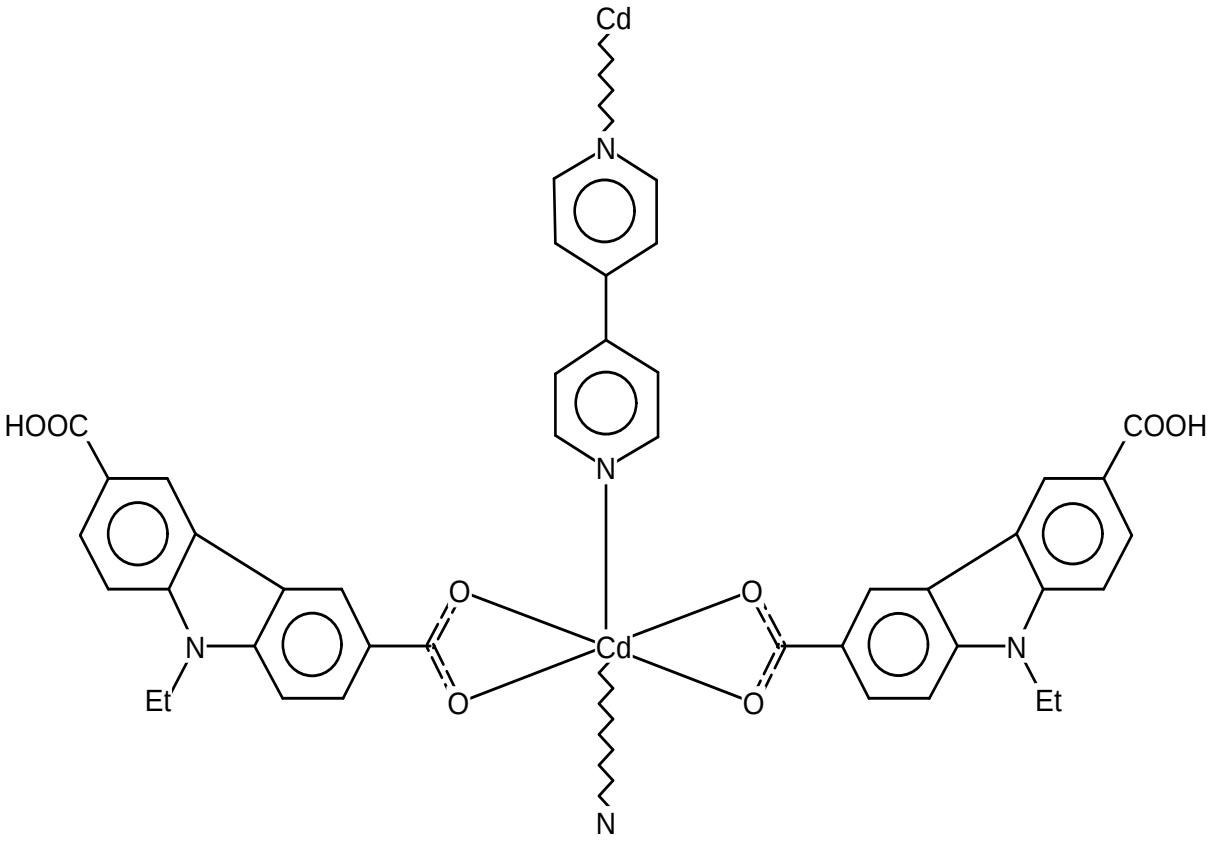
Reference: Yu-Peng Tian, Yong-Min Zhu, Hong-Ping Zhou, Peng Wang, Jie-Ying Wu, Xu-Tang Tao, Min-Hua Jiang (2007) *Eur.J.Inorg.Chem.* ,343

Formula: $(C_{42}\ H_{32}\ Cd_1\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(6-carboxy-9-ethylcarbazole-3-carboxylato) -cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	12.284(3)	***b*** 11.609(3)	***c***	26.995(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.32(0)	γ	90.00

R-Factor (%): 9.31 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.471



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1164

KEXDUN

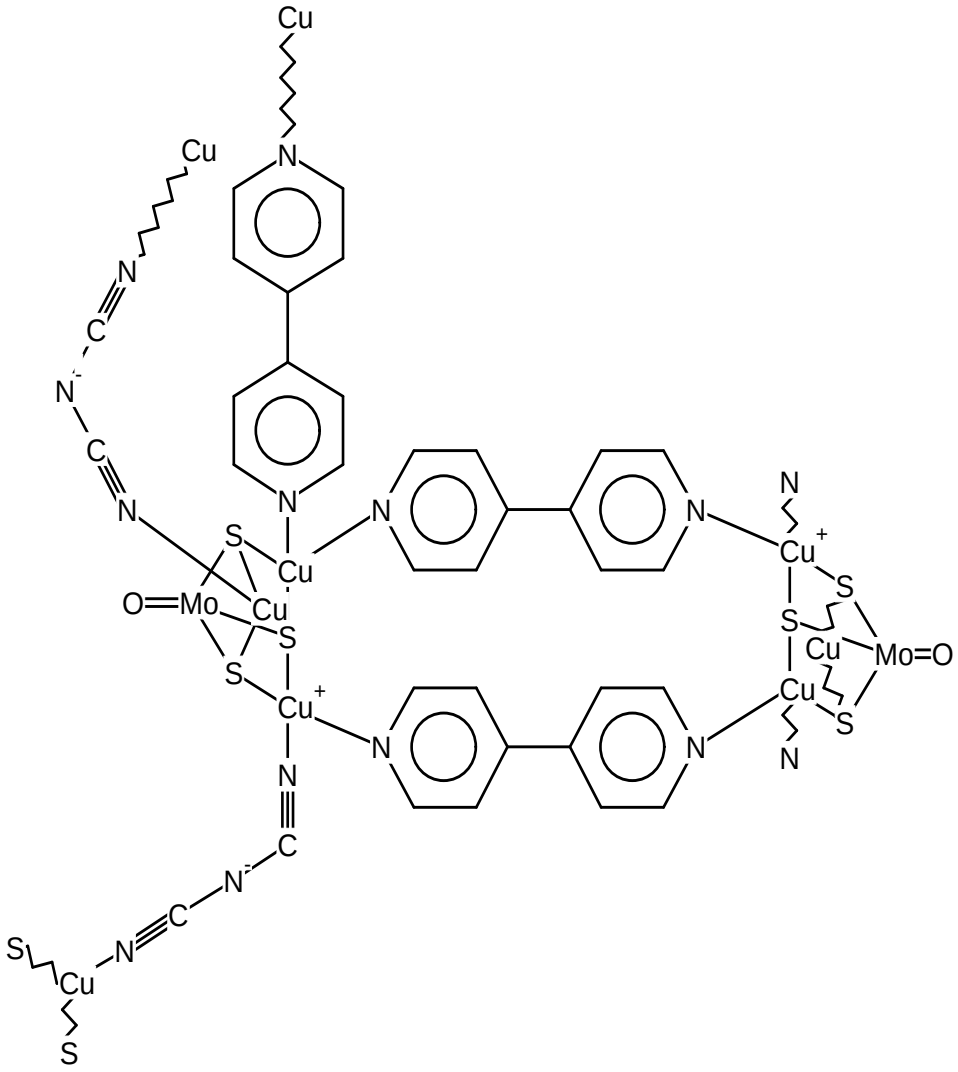
Reference: Jian-Ping Lang, Qing-Feng Xu, Wen-Hua Zhang, Hong-Xi Li, Zhi-Gang Ren, Jin-Xiang Chen, Yong Zhang (2006) *Inorg.Chem. ,***45,**10487

Formula: $(C_{34}\ H_{24}\ Cu_6\ Mo_2\ N_{12}\ O_2\ S_6)n,2n(C_3\ H_7\ N_1\ O_1),2n(C_2\ H_3\ N_1)$

Compound Name: catena-(hexakis(μ_3-Sulfido)-tris(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-dicyanamide-N,N')-dioxo-hexa-copper-di-molybdenum acetonitrile dimethylformamide solvate)

Space Group:	P-1	***Cell:***	***a***	9.279(1)	***b***	11.063(2)	***c*** 15.852(3)
Space Group No.:	2	***(Å,°)***	α	95.68(3)	β	94.28(3)	γ 114.64(3)

R-Factor (%): 7.18 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.850





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1165

KEYZIY

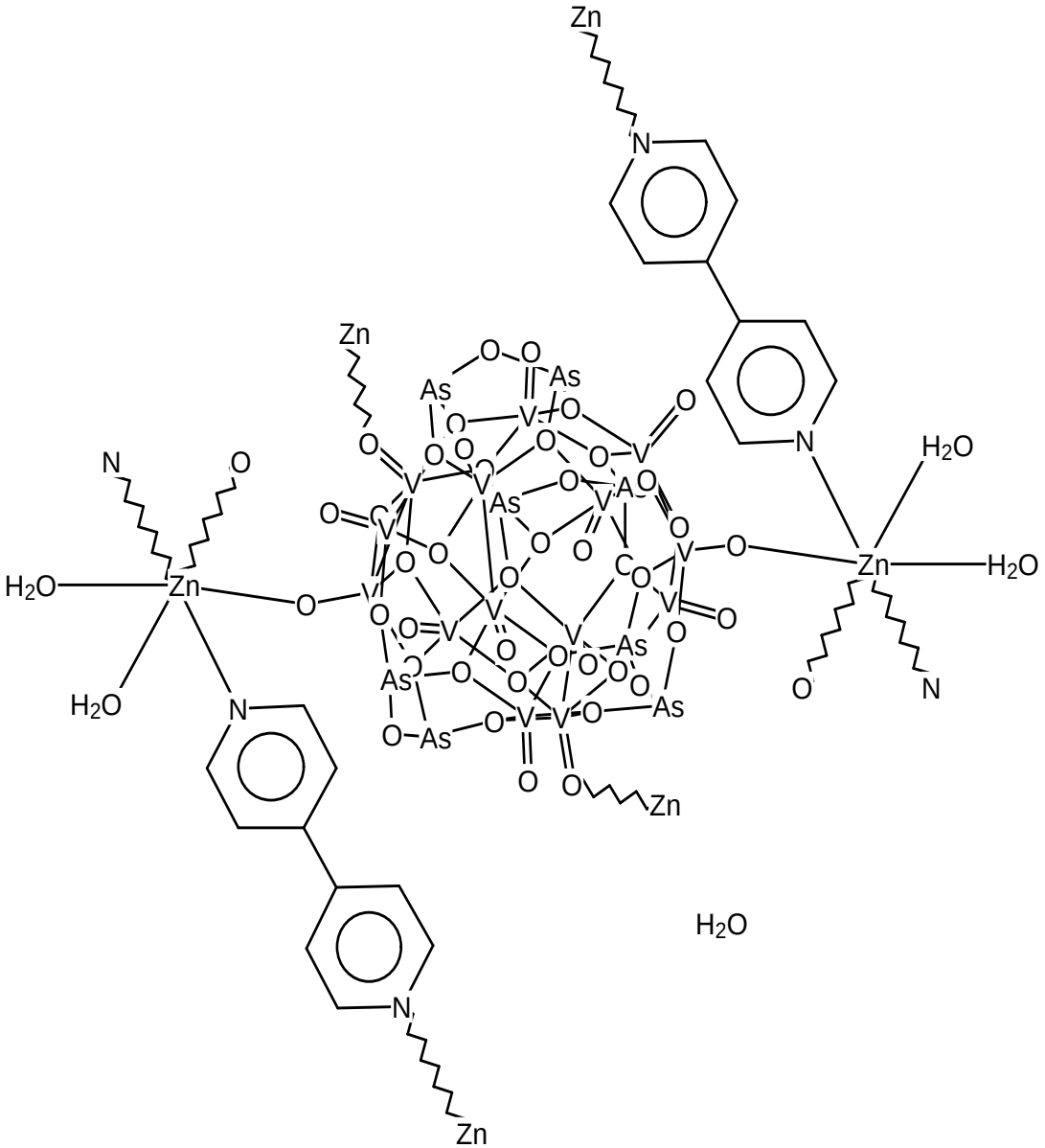
Reference: Yanfei Qi, Yangguang Li, Enbo Wang, Hua Jin, Zhiming Zhang, Xinlong Wang, Song Chang (2007) *Inorg.Chim.Acta ,* **360,**1841

Formula: $(C_{20}\ H_{24}\ As_8\ N_4\ O_{46}\ V_{14}\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_6-diarsenato)-octakis(μ_3-oxo)-bis(μ_2-oxo)-bis(μ_2-4,4'-bipyridine)-dodecaoxo-diaqua-tetradeca-vanadium(iv)-di-zinc monohydrate)

Space Group:	Pnnm	***Cell:***	***a***	21.784(4)	***b***	11.279(2)	***c***	13.350(3)
Space Group No.:	58	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.549



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1166

KEZDAV

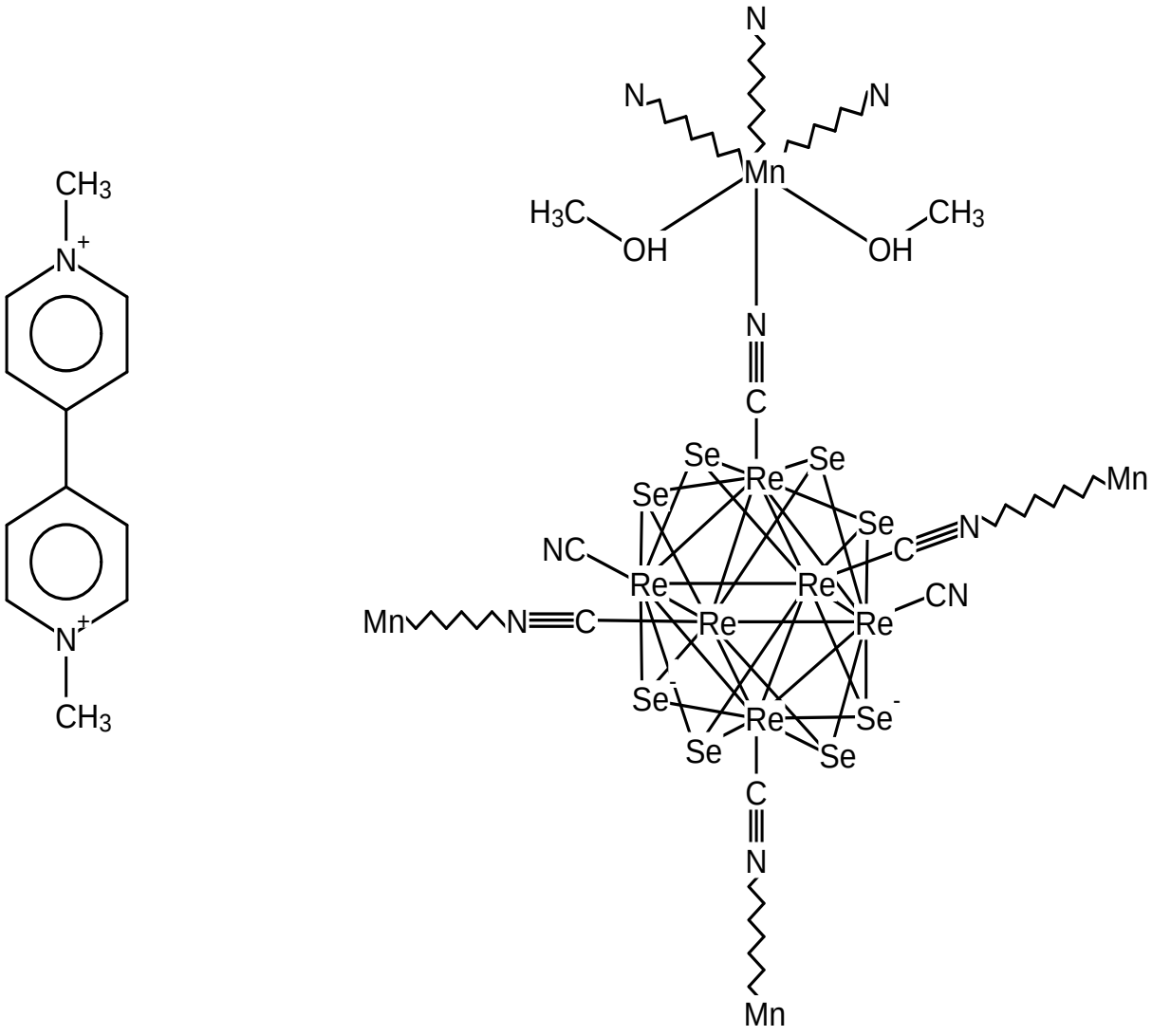
Reference: Sehye Kim, Youngmee Kim, Junghyun Lee, Woonsup Shin, Minyung Lee, Sung-Jin Kim (2007) *Inorg.Chim.Acta ,* **360,**1890

Formula: $(C_8 H_8 Mn_1 N_6 O_2 Re_6 Se_8^{2-})n,n(C_{12} H_{14} N_2^{2+})$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium octakis(μ_3-selenido)-tetrakis(μ_2-cyano)-bis(methanol)-dicyano-manganese-hexa-rhenium)

Space Group:	C2/c	***Cell:***	***a***	13.746(0)	***b*** 14.346(0)	***c***	19.408(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.38(0)	γ	90.00

R-Factor (%): 7.83 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 3.927



Search: search1 (Thu May 26 10:05:42 2011): Hit 1167

KEZDOJ

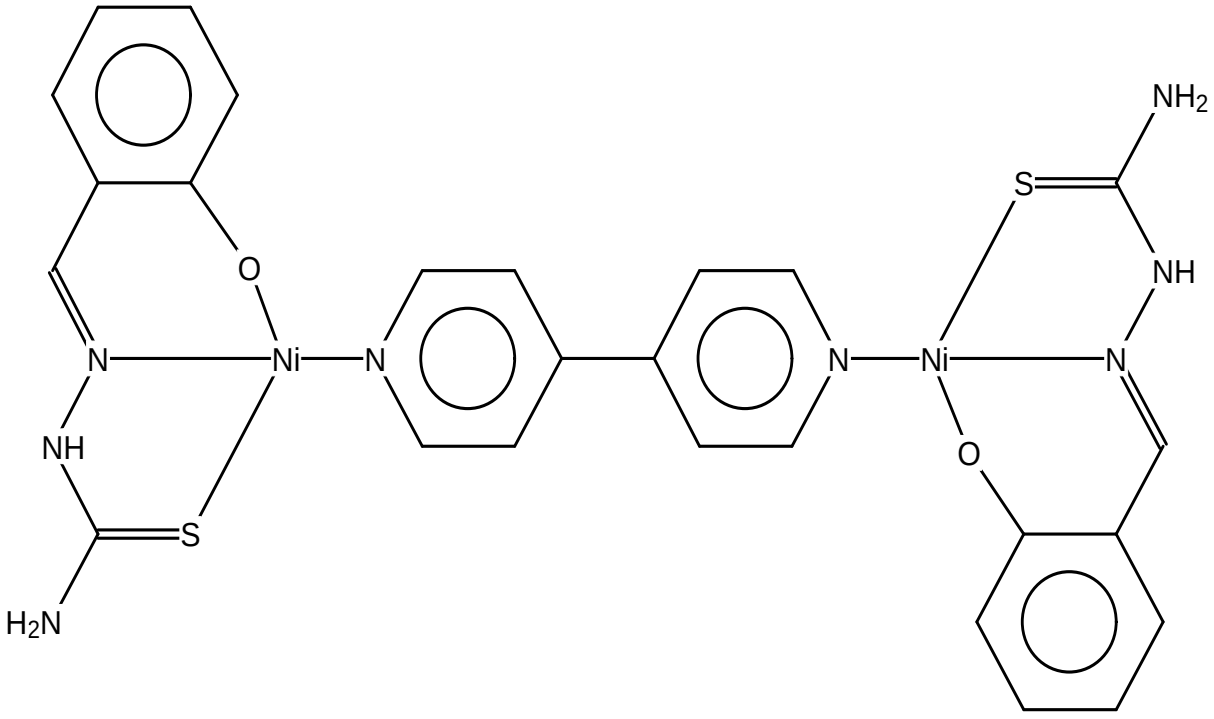
Reference: S.V.Kolotilov, O.Cador, S.Golhen, O.Shvets, V.G.Ilyin, V.V.Pavlishchuk, L.Ouahab (2007) *Inorg.Chim.Acta ,***360,**1883

Formula: $C_{26}\ H_{24}\ N_8\ Ni_2\ O_2\ S_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2-hydroxybenzylidenethiosemicarbazone)-di-nickel(ii)

Space Group:	R-3	***Cell:***	***a***	29.511(0)	***b***	29.511(0)	***c*** 8.479(0)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.547



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1168

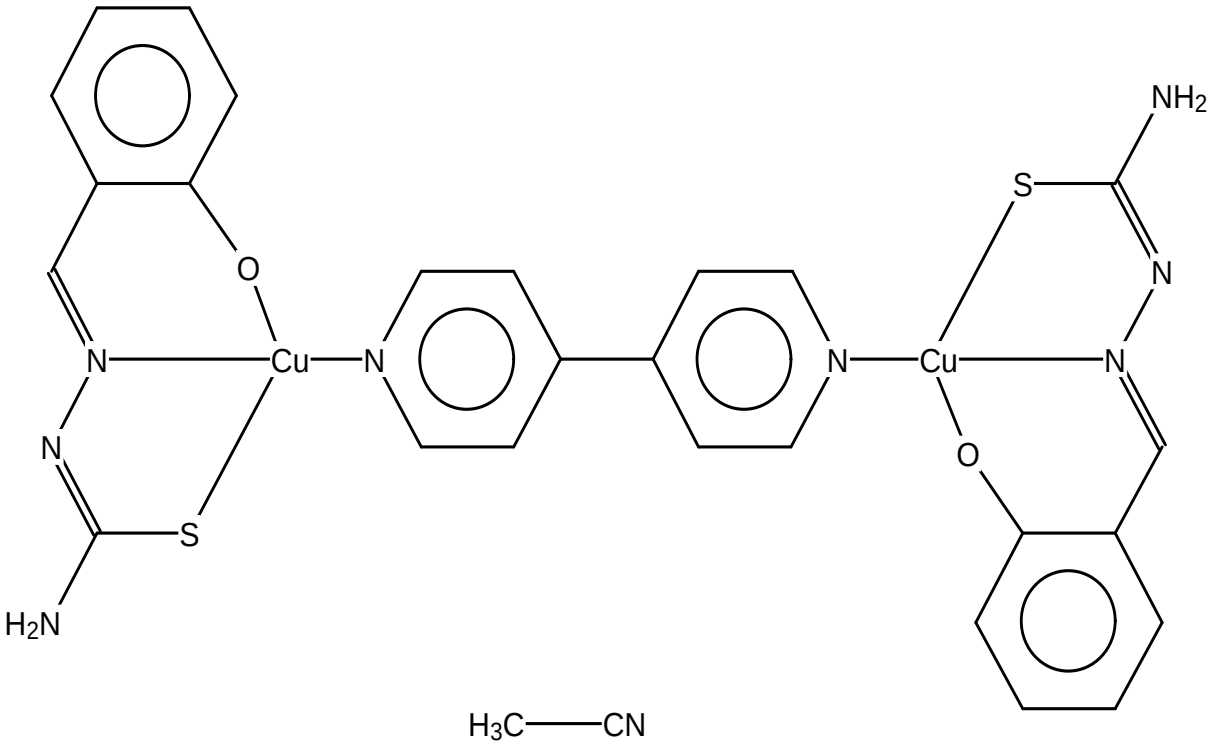
KEZDUP

Reference: S.V.Kolotilov, O.Cador, S.Golhen, O.Shvets, V.G.Ilyin, V.V.Pavlishchuk, L.Ouahab (2007) *Inorg.Chim.Acta ,***360,**1883

Formula: $C_{26}\ H_{22}\ Cu_2\ N_8\ O_2\ S_2,2(C_2\ H_3\ N_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2-hydroxybenzylidenethiosemicarbazone)-di-copper(ii) acetonitrile solvate

Space Group:	P21/n	***Cell:***	***a***	9.372(0)	***b***	7.535(0)	***c*** 22.272(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.84(0)	γ 90.00
R-Factor (%):	4.00	***Temperature(K):***	293		***Density(g/cm^3):***		1.588



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1169

KEZPIP

Reference: Wen-Juan Zhuang, Chang-Yan Sun, Lin-Pei Jin (2007) *Polyhedron ,***26,**1123

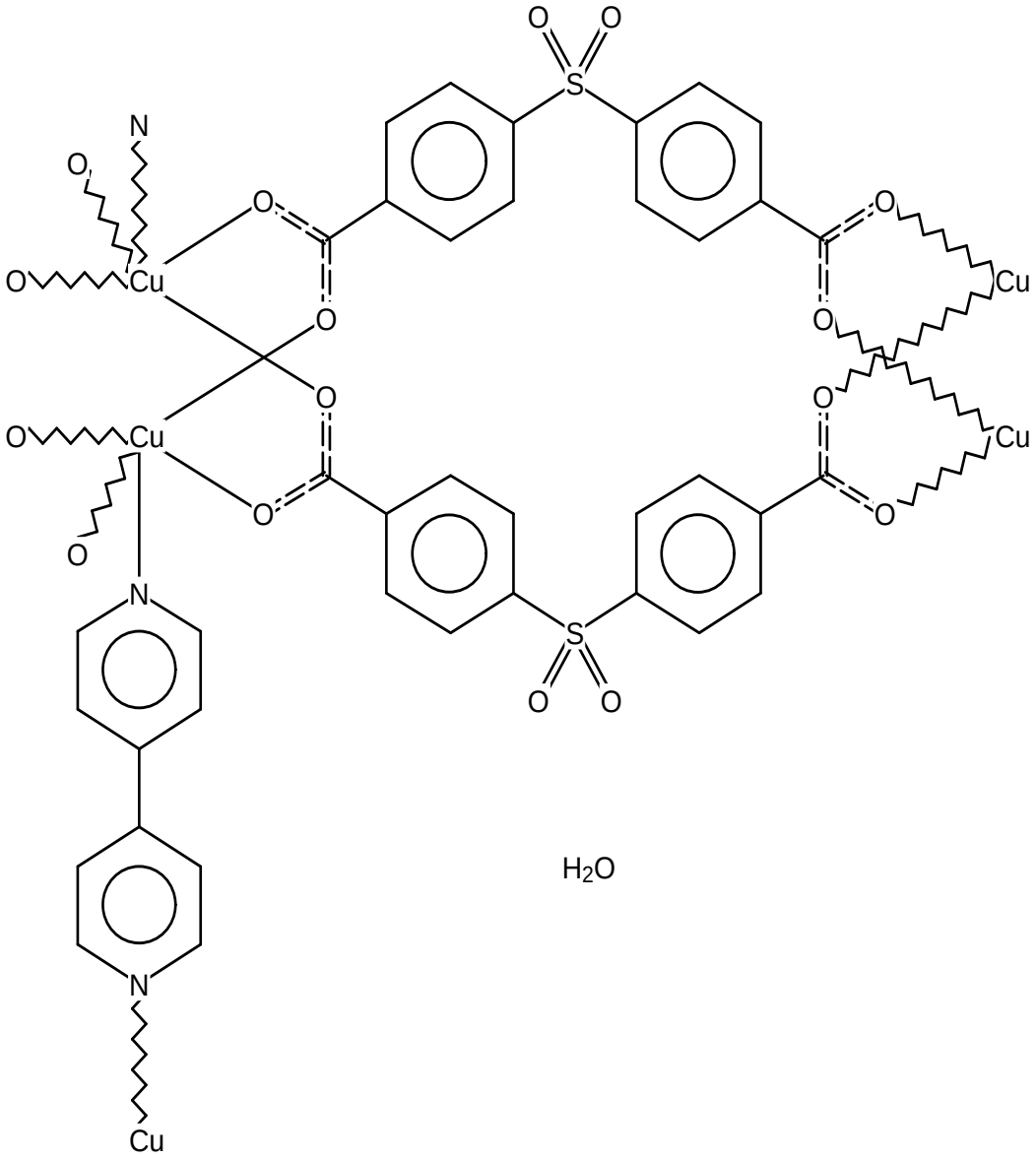
Formula: $(C_{38}\ H_{24}\ Cu_2\ N_2\ O_{12}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-4,4'-Sulfonyl-dibenzoato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) dihydrate)

Synonym: catena-(bis(μ_4-4,4'-Dicarboxydiphenyl sulfone-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) dihydrate)

Space Group:	Cmcm	***Cell:***	***a***	12.694(4)	***b***	13.983(4)	***c*** 21.823(7)
Space Group No.:	63	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.17 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.591



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1170

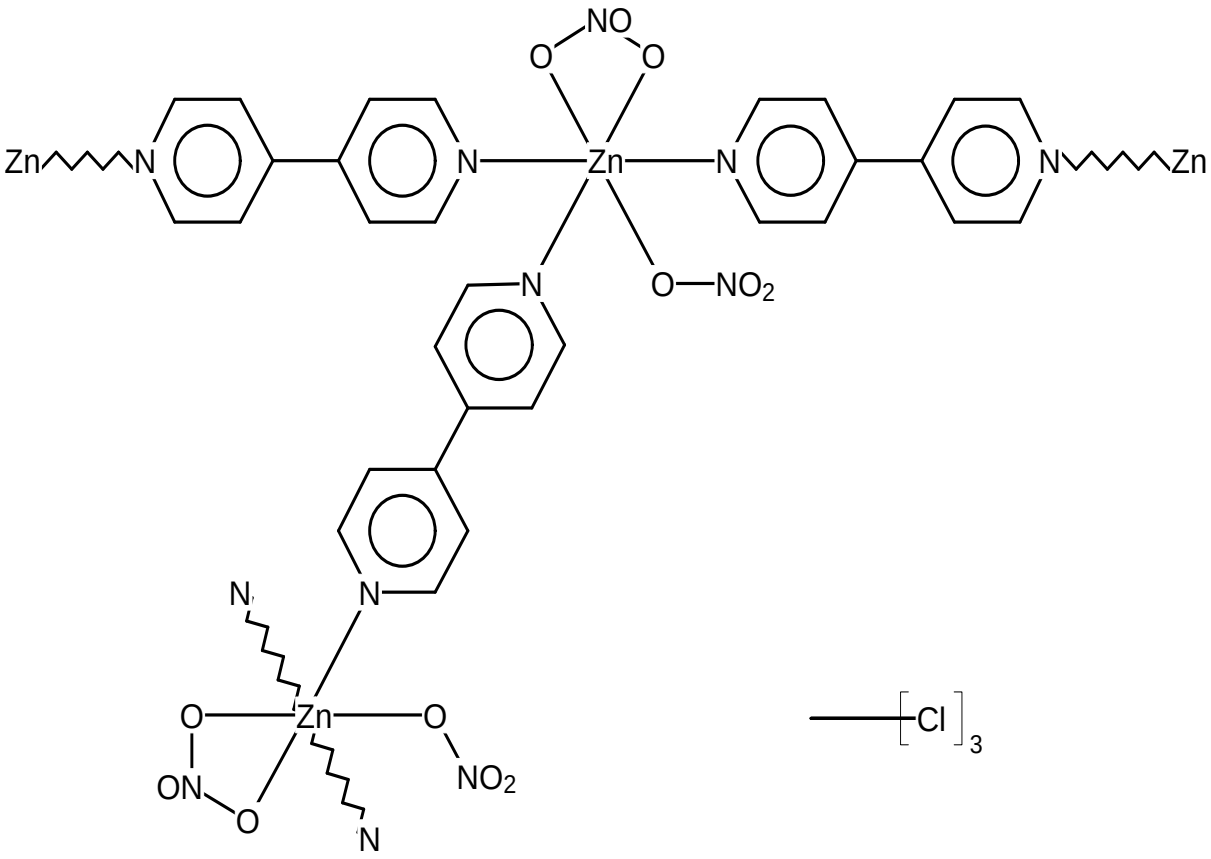
KICMUF

Reference: A.A.M.Aly, T.Ruffer, H.Lang (2007)
*Anal.Sci.:X-Ray Struct.Anal.Online ,***23,**x55

Formula: $(C_{30}\ H_{24}\ N_{10}\ O_{12}\ Zn_2)n,4n(C_1\ H_1\ Cl_3)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N')-bis(nitrato-O,O')-bis(nitrato-O)-di-zinc(ii) chloroform solvate)

Space Group:	P-1	***Cell:***	***a*** 11.072(1)	***b*** 11.337(0)	***c*** 11.708(1)
Space Group No.:	2	***(Å,°)***	α 114.61(0)	β 102.66(0)	γ 96.23(0)
R-Factor (%):	5.61	***Temperature(K):***	150	***Density(g/cm^3):***	1.732		



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1171

KIDGOT

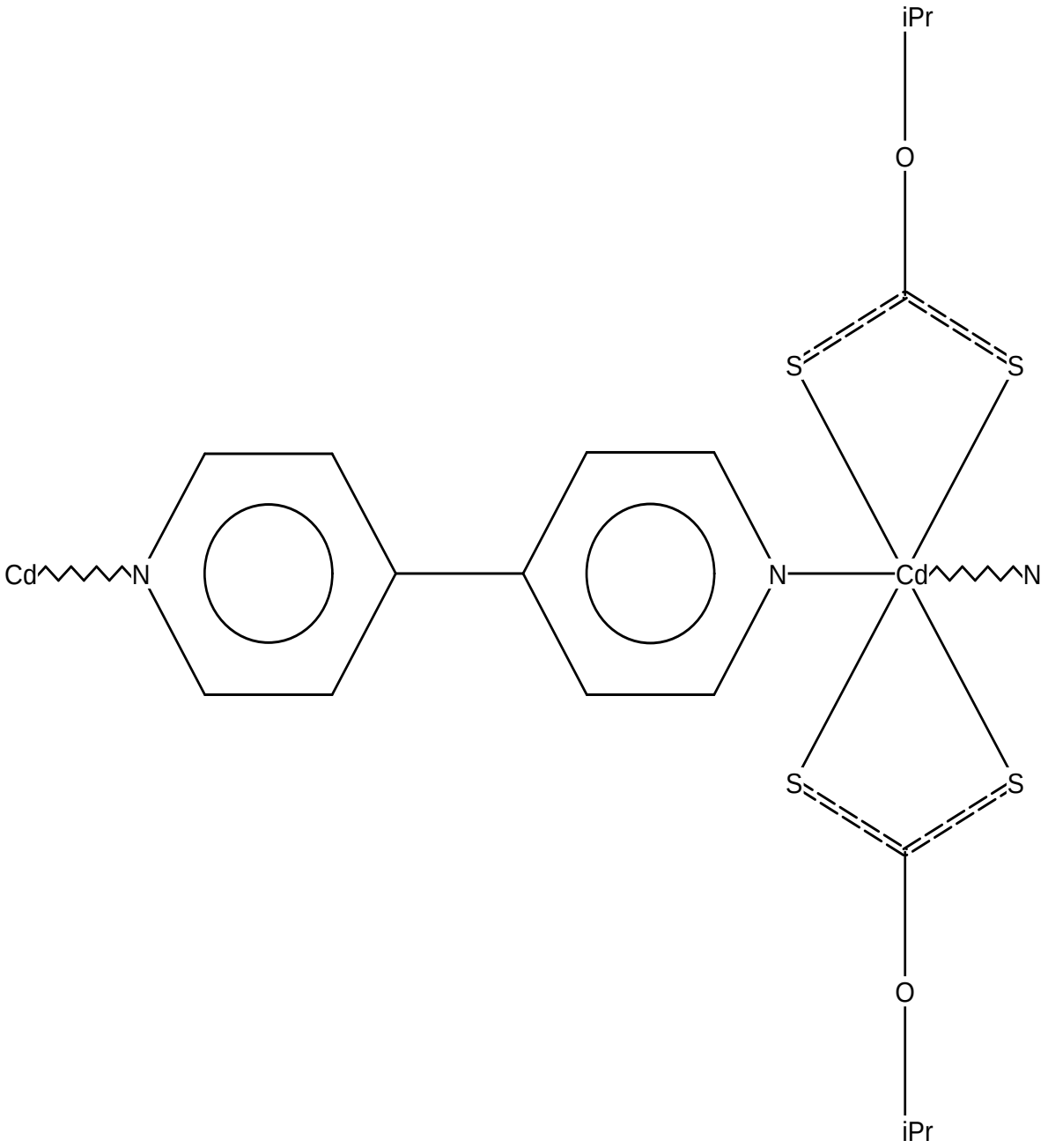
Reference: B.F.Abrahams, B.F.Hoskins, G.Winter (1990)
*Aust.J.Chem. ,***43,**1759

Formula: $(C_{18}\ H_{22}\ Cd_1\ N_2\ O_2\ S_4)n$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-bis(isopropylxanthate-S,S')-cadmium)

Space Group:	P21212	***Cell:***	***a***	14.812(3)	***b***	12.993(2)	***c***	12.028(2)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.547



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1172

KIDPOD

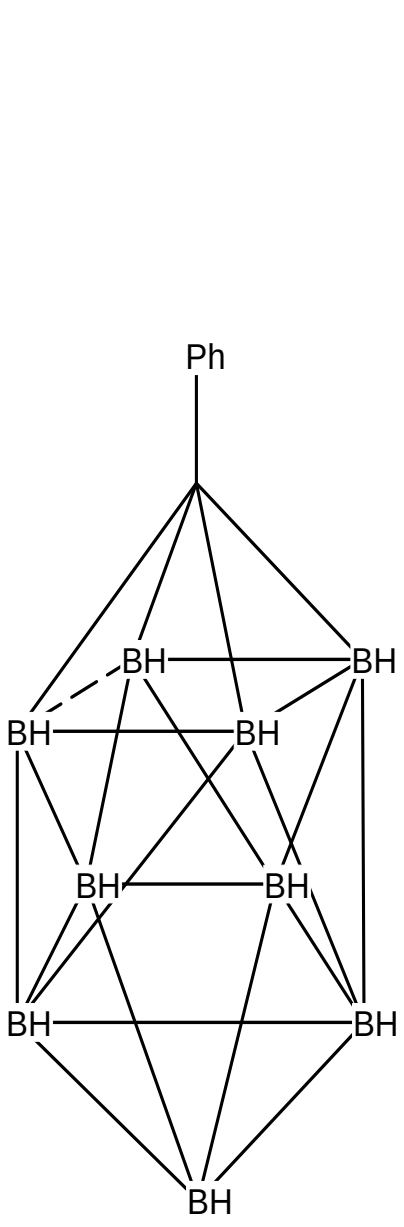
Reference: L.Cunha-Silva, R.Ahmad, M.J.Carr, A.Franken, J.D.Kennedy, M.J.Hardie (2007) *Cryst.Growth Des.* ,**7,**658

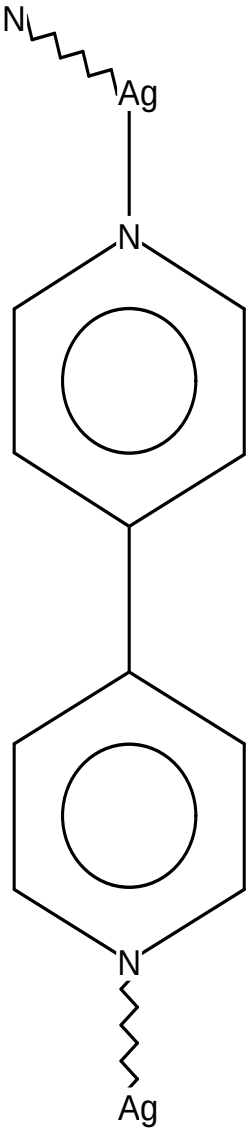
Formula: $(C_{10}\ H_8\ Ag_1\ N_2)n,n(C_7\ H_{14}\ B_9),n(C_2\ H_3\ N_1)$

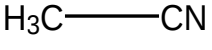
Compound Name: catena-((μ_2-4,4'-Bipyridine)-silver(i) 1-phenyl-closo-1-carbadecaborane(9) acetonitrile clathrate)

Space Group:	P21/n	***Cell:***	***a***	10.167(0)	***b***	11.376(0)	***c***	20.324(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.67(0)	γ	90.00

R-Factor (%): 9.39 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.415







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1173

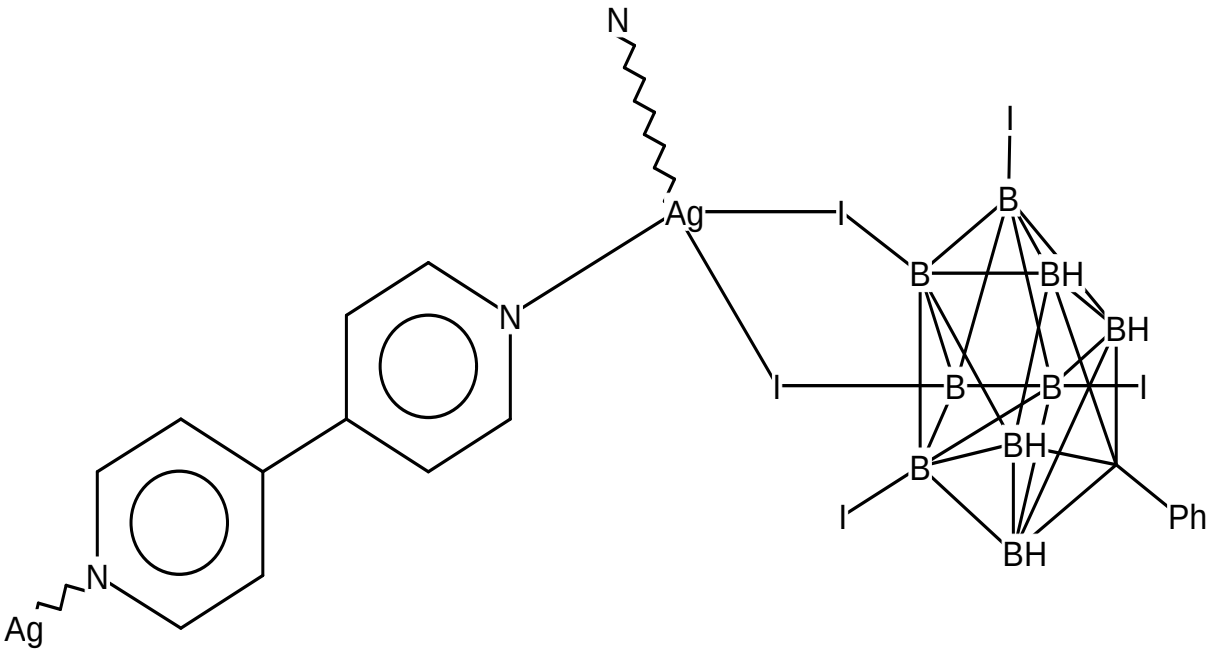
KIDPUJ

Reference: L.Cunha-Silva, R.Ahmad, M.J.Carr, A.Franken, J.D.Kennedy, M.J.Hardie (2007) *Cryst.Growth Des. ,***7,**658

Formula: $(C_{17}\ H_{17}\ Ag_1\ B_9\ I_5\ N_2)n,n(C_2\ H_3\ N_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(1-phenyl-6,7,8,9,10-pentaiodo-closo-1-carbadecaborane(4)-silver(i)) acetonitrile clathrate)

Space Group:	P21/c	***Cell:***	***a***	12.135(0)	***b*** 20.841(1)	***c***	14.112(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.17(0)	γ	90.00
R-Factor (%):	3.86	***Temperature(K):***	150		***Density(g/cm^3):***		2.271





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1174

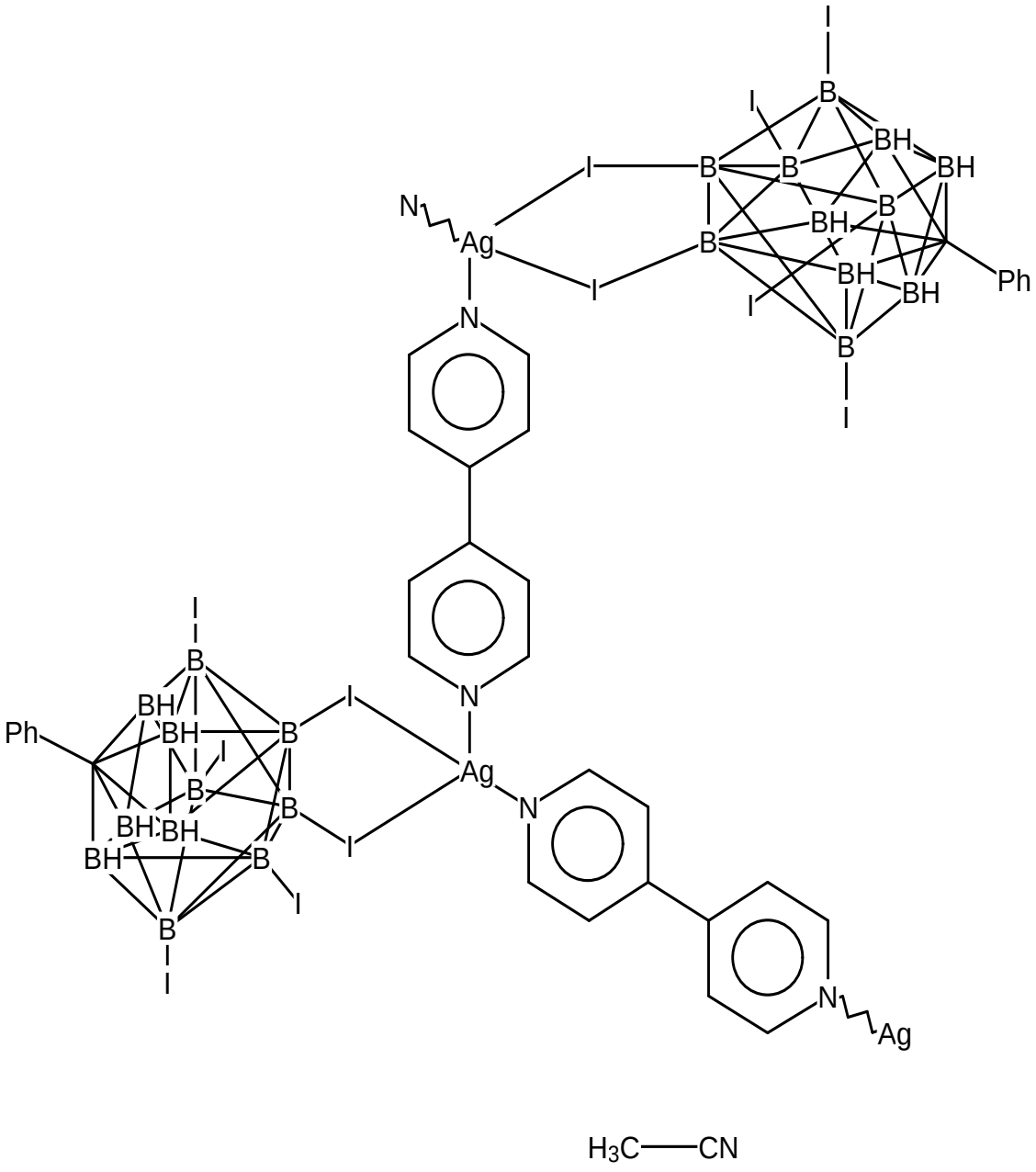
KIDQAQ

Reference: L.Cunha-Silva, R.Ahmad, M.J.Carr, A.Franken, J.D.Kennedy, M.J.Hardie (2007) *Cryst.Growth Des. ,***7,**658

Formula: $(C_{34}\ H_{36}\ Ag_2\ B_{22}\ I_{12}\ N_4)n,2n(C_2\ H_3\ N_1)$

Compound Name: catena-(bis((μ$_2$-(4,4'-Bipyridine)-(1-phenyl-7,8,9,10,11,12-hexaiodo-closo-1-carbadodecaborane(5))-silver(i)) acetonitrile clathrate))

Space Group:	P-1	***Cell:***	***a***	9.556(0)	***b***	11.774(0)	***c*** 16.698(0)
Space Group No.:	2	***(Å,°)***	α	97.01(0)	β	96.22(0)	γ 109.39(0)
R-Factor (%):	5.43	***Temperature(K):***	150	***Density(g/cm^3):***	2.447		



$H_3C{-}{-}CN$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1175

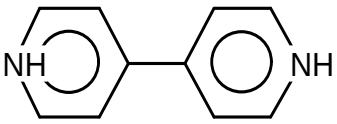
KIFDIM

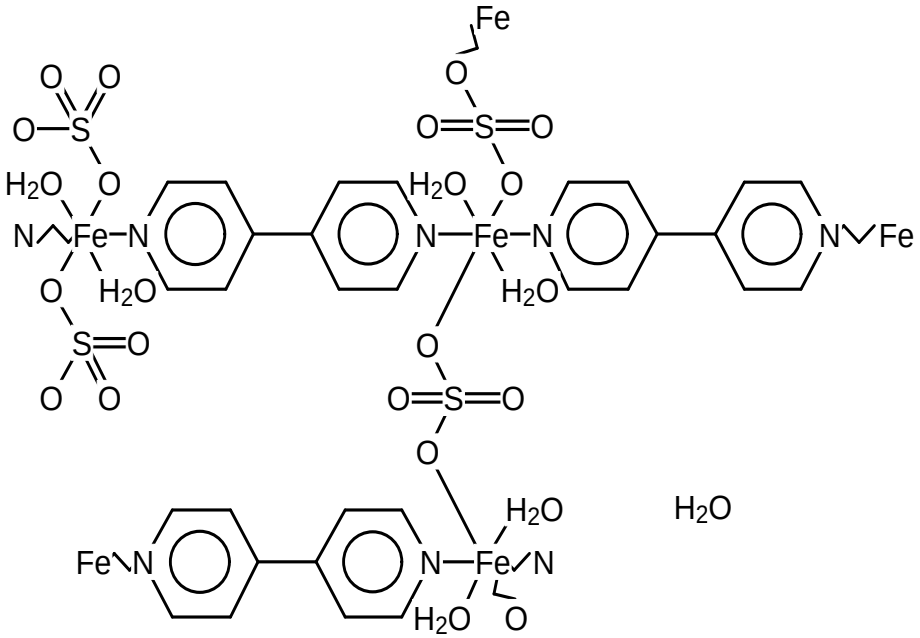
Reference: S.Noro, M.Kondo, S.Kitagawa, T.Ishii, H.Matsuzaka (1999) *Chem.Lett.* ,727

Formula: $(C_{10}\ H_{10}\ N_2)n,n(C_{30}\ H_{36}\ Fe_3\ N_6\ O_{22}\ S_4),10n(H_2\ O_1)$

Compound Name: catena-((4,4'-Bipyridinium) tris(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-sulfato-O,O')-bis(sulfato-O)-hexa-aqua-tri-iron decahydrate)

Space Group:	P-1	***Cell:***	***a*** 12.000(3)	***b*** 12.611(4)	***c*** 11.526(3)
Space Group No.:	2	***(Å,°)***	α 115.75(2)	β 106.99(2)	γ 69.34(2)
R-Factor (%):	7.75	***Temperature(K):***	295	***Density(g/cm^3):***	1.680





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1176

KIFTIC

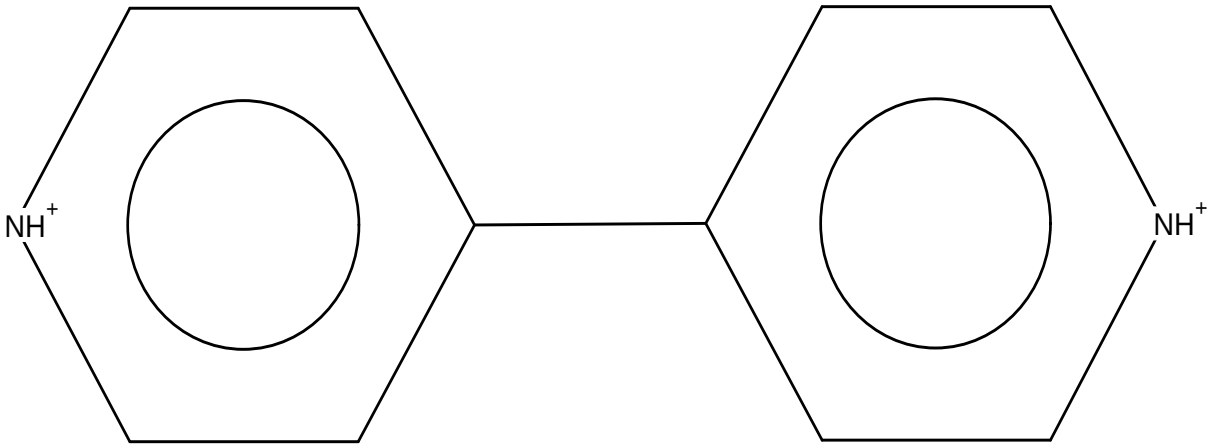
Reference: A.Tosik, M.Bukowska-Strzyzewska, J.Mrozinski (1990) *J.Coord.Chem.* ,**21,**253

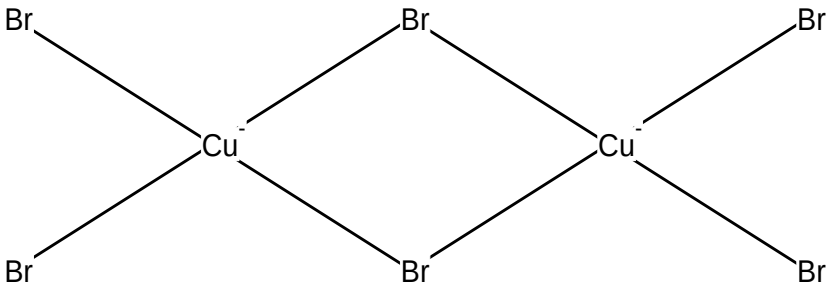
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_6\,Cu_2\,^{2-}$

Compound Name: 4,4'-Bipyridylium bis((μ_2-bromo)-dibromo-copper(ii))

Space Group:	P-1	***Cell:***	***a***	4.102(0)	***b*** 10.276(1)	***c***	11.036(0)
Space Group No.:	2	***(Å,°)***	α	113.89(0)	β 94.98(0)	γ	95.94(0)

R-Factor (%): 3.08 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 3.033





Search: search1 (Thu May 26 10:05:42 2011): Hit 1177

KIFTIC01

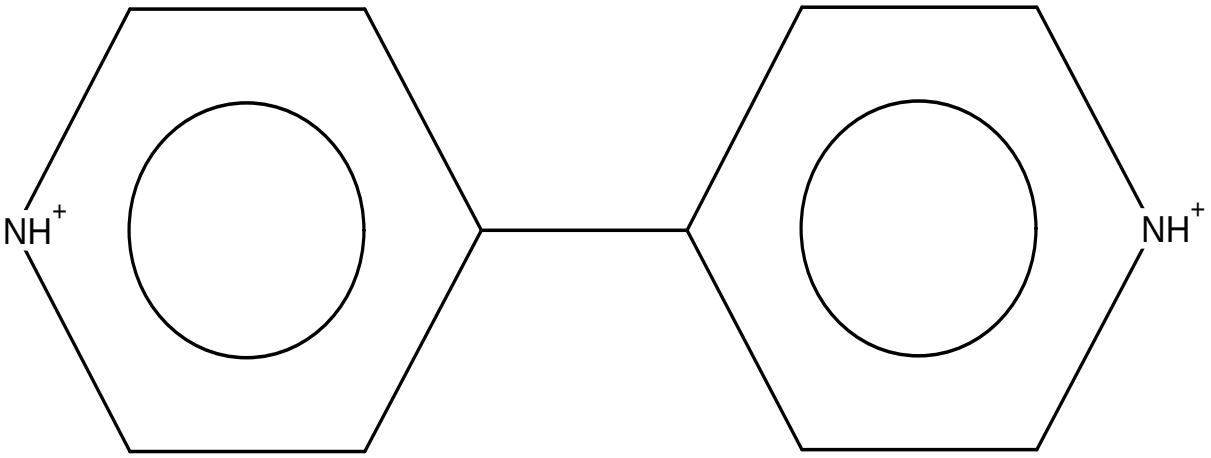
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

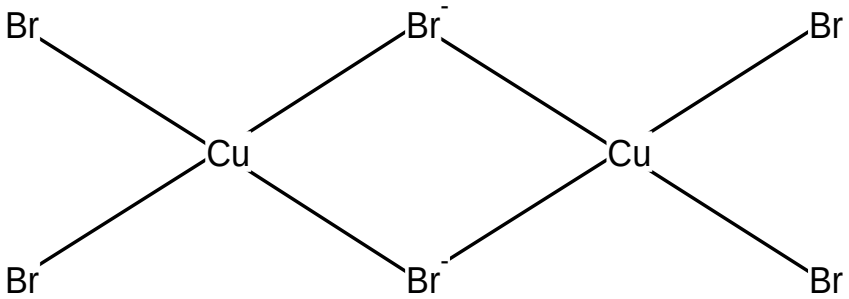
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-bromo)-tetrabromo-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	4.094(0)	***b*** 10.260(1)	***c***	11.017(1)
Space Group No.:	2	***(Å,°)***	α	113.90(1)	β 94.94(1)	γ	95.91(1)

R-Factor (%): 3.89 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 3.048





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1178

KISZES

Reference: Zhan-Feng Ju, Qing-Xia Yao, Wei Wu, Jie Zhang (2008)
Dalton Trans. ,355

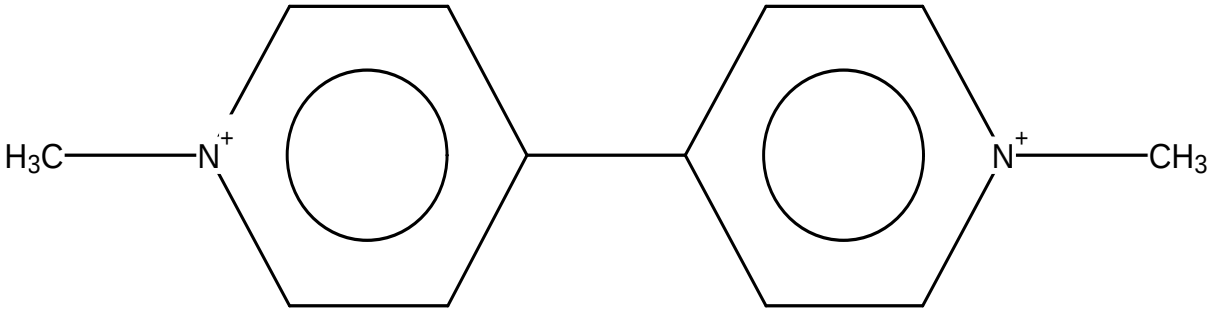
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})2n,n(C_5\ N_5\ Ni_1\ S_5\ ^{3-}),n(Cl_1\ ^{1-}),2n(H_2\ O_1)$

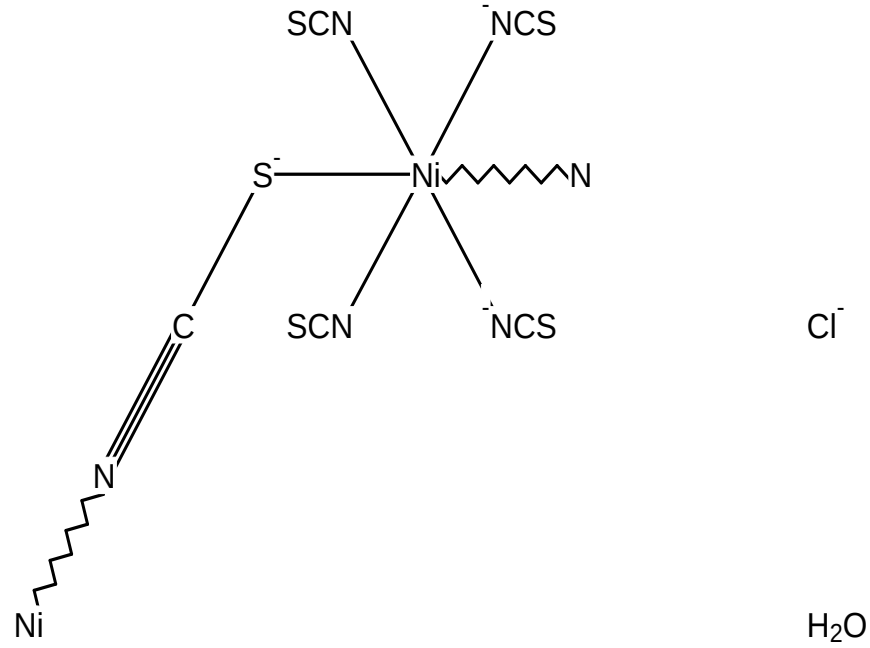
Compound Name: catena-(bis(N,N'-Dimethyl-4,4'-bipyridinium) (μ_2-thiocyanato)-tetrakis(isothiocyanato)-nickel(ii) chloride dihydrate)

Synonym: catena-(bis(Methylviologenium) (μ_2-thiocyanato)-tetrakis(isothiocyanato)-nickel(ii) chloride dihydrate)

Space Group:	P21/m	***Cell:***	***a***	6.412(0)	***b***	23.716(0)	***c*** 12.168(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β	96.58(0)	γ 90.00

R-Factor (%): 4.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.433





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1179

KISZIW

Reference: Zhan-Feng Ju, Qing-Xia Yao, Wei Wu, Jie Zhang (2008)
Dalton Trans. ,355

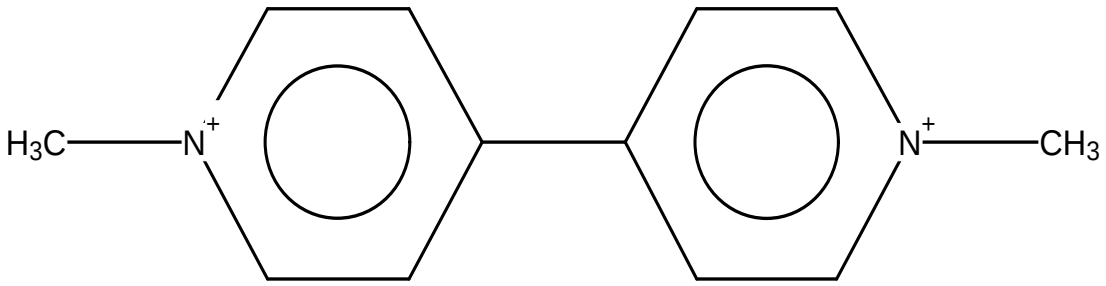
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_2\ Mn_1\ N_8\ S_2\ ^{2-})$

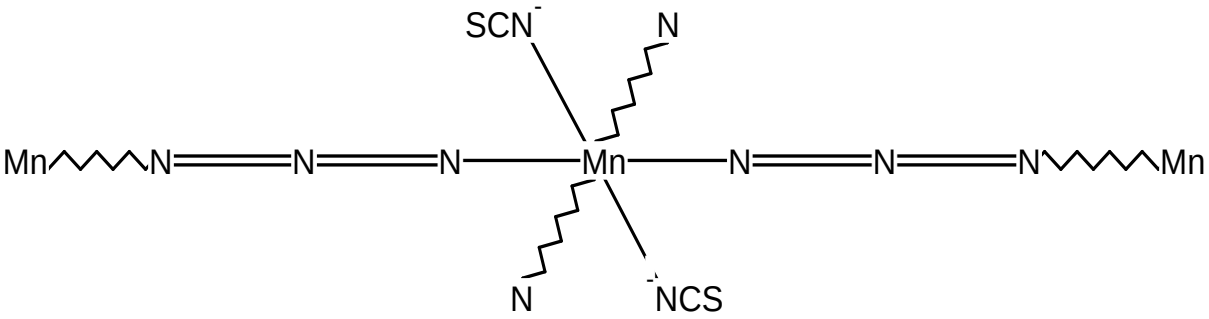
Compound Name: catena-(N,N'-Dimethyl-4,4'-bipyridinium bis(μ_2-1,3-azido)-bis(isothiocyanato)-manganese(ii))

Synonym: catena-(Methylviologenium bis(μ_2-1,3-azido)-bis(isothiocyanato)-manganese(ii))

Space Group:	P2/c	***Cell:***	***a***	11.968(1)	***b***	6.301(0)	***c*** 12.492(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.09(0)	γ 90.00

R-Factor (%): 6.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.557





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1180

KIVDID

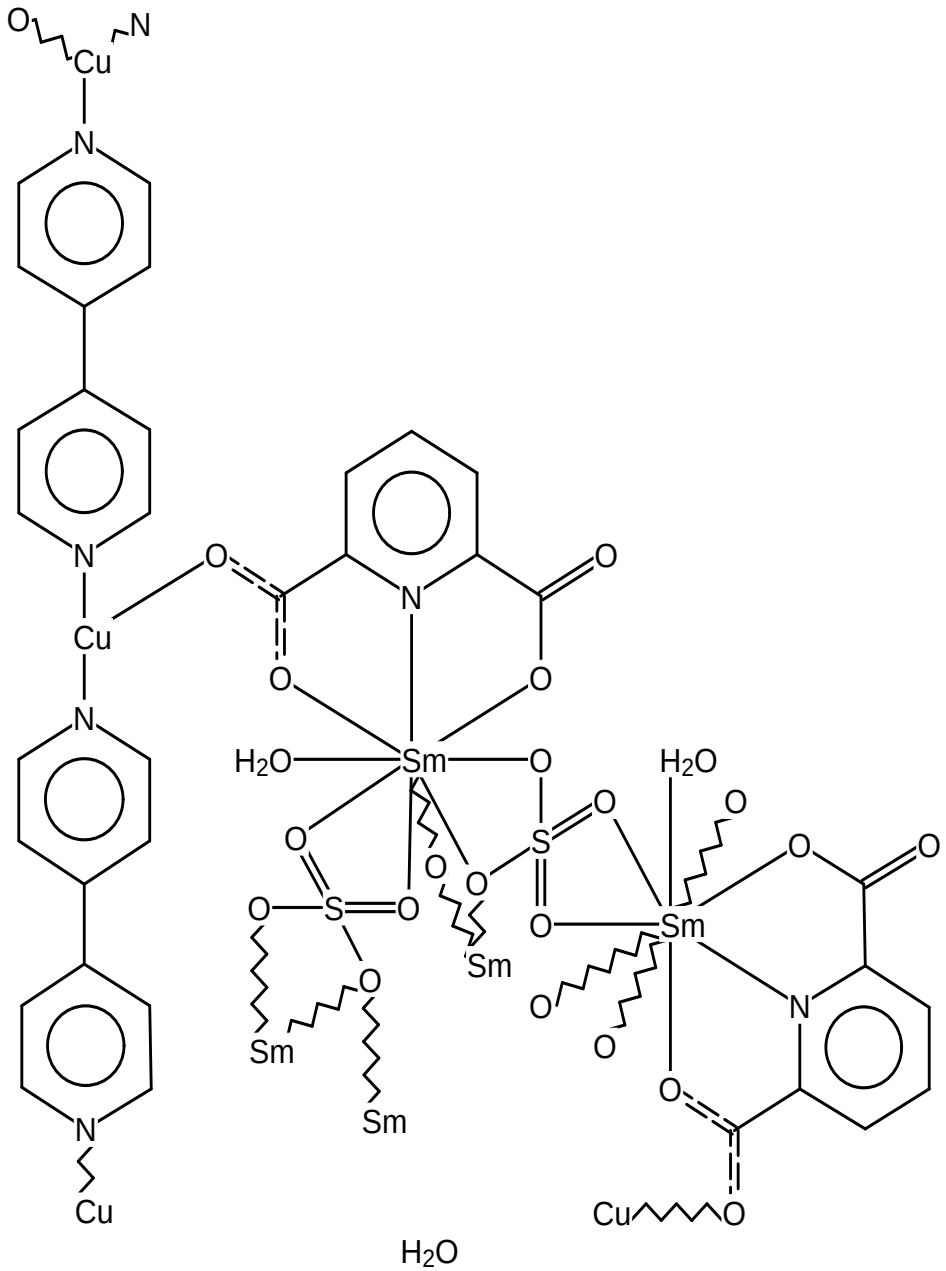
Reference: Qi-Bing Bo, Zhong-Xi Sun, W.Forsling (2008)
*CrystEngComm ,***10,**232

Formula: $(C_{34}\ H_{26}\ Cu_2\ N_6\ O_{18}\ S_2\ Sm_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Sulfato)-bis(μ_2-pyridine-2,6-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-copper(i)-di-samarium dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.347(1)	***b***	12.237(3)	***c***	13.363(4)
Space Group No.:	2	***(Å,°)***	α	97.45(0)	β	93.03(0)	γ	95.62(0)

R-Factor (%): 6.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.169



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1181

KIVDOJ

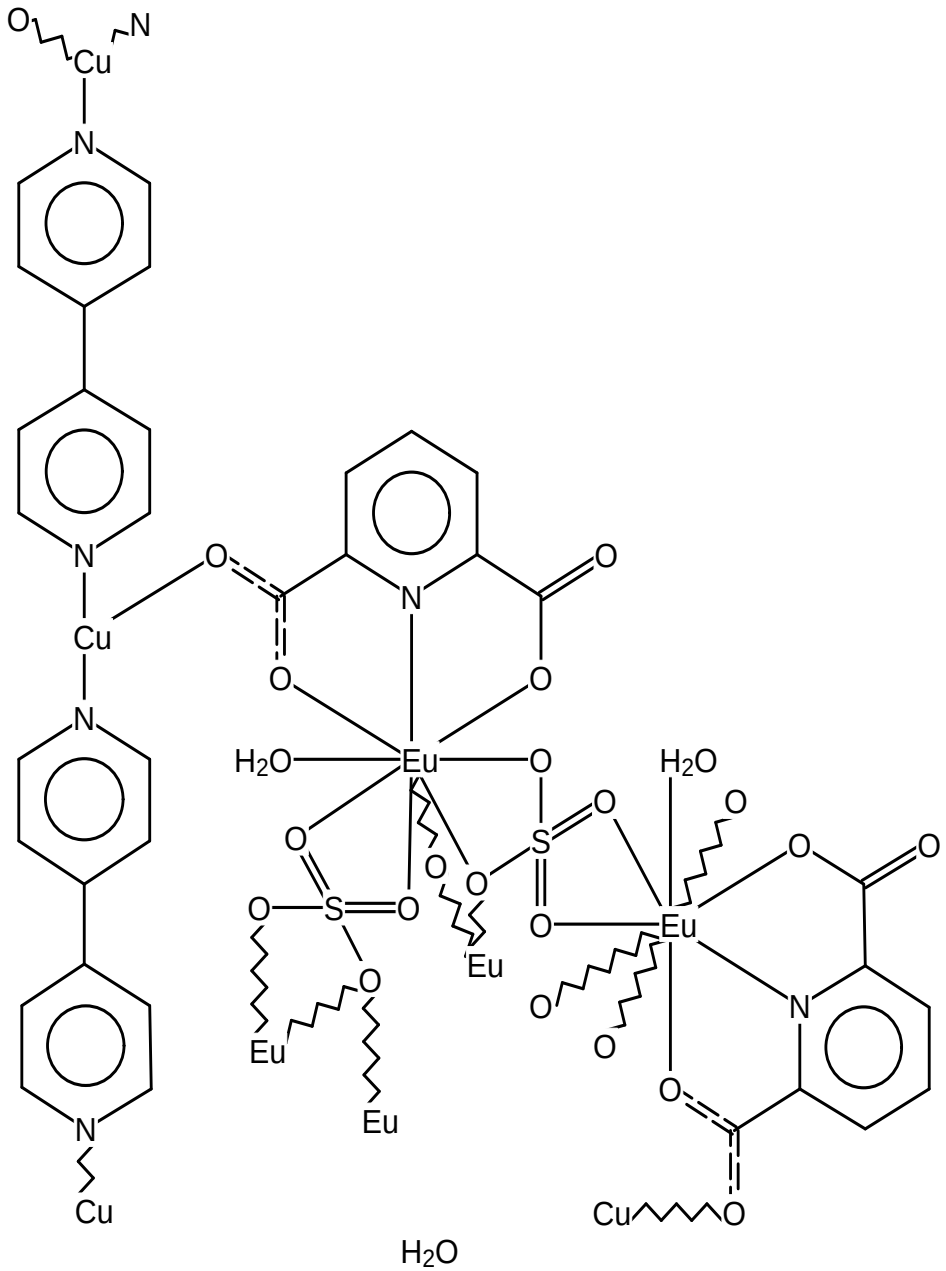
Reference: Qi-Bing Bo, Zhong-Xi Sun, W.Forsling (2008)
CrystEngComm ,**10,**232

Formula: $(C_{34}\ H_{26}\ Cu_2\ Eu_2\ N_6\ O_{18}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Sulfato)-bis(μ_2-pyridine-2,6-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-copper(i)-di-europium dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.383(2)	***b***	12.333(3)	***c***	13.507(2)
Space Group No.:	2	***(Å,°)***	α	97.43(0)	β	93.02(0)	γ	95.52(0)

R-Factor (%): 9.60 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.121



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1182

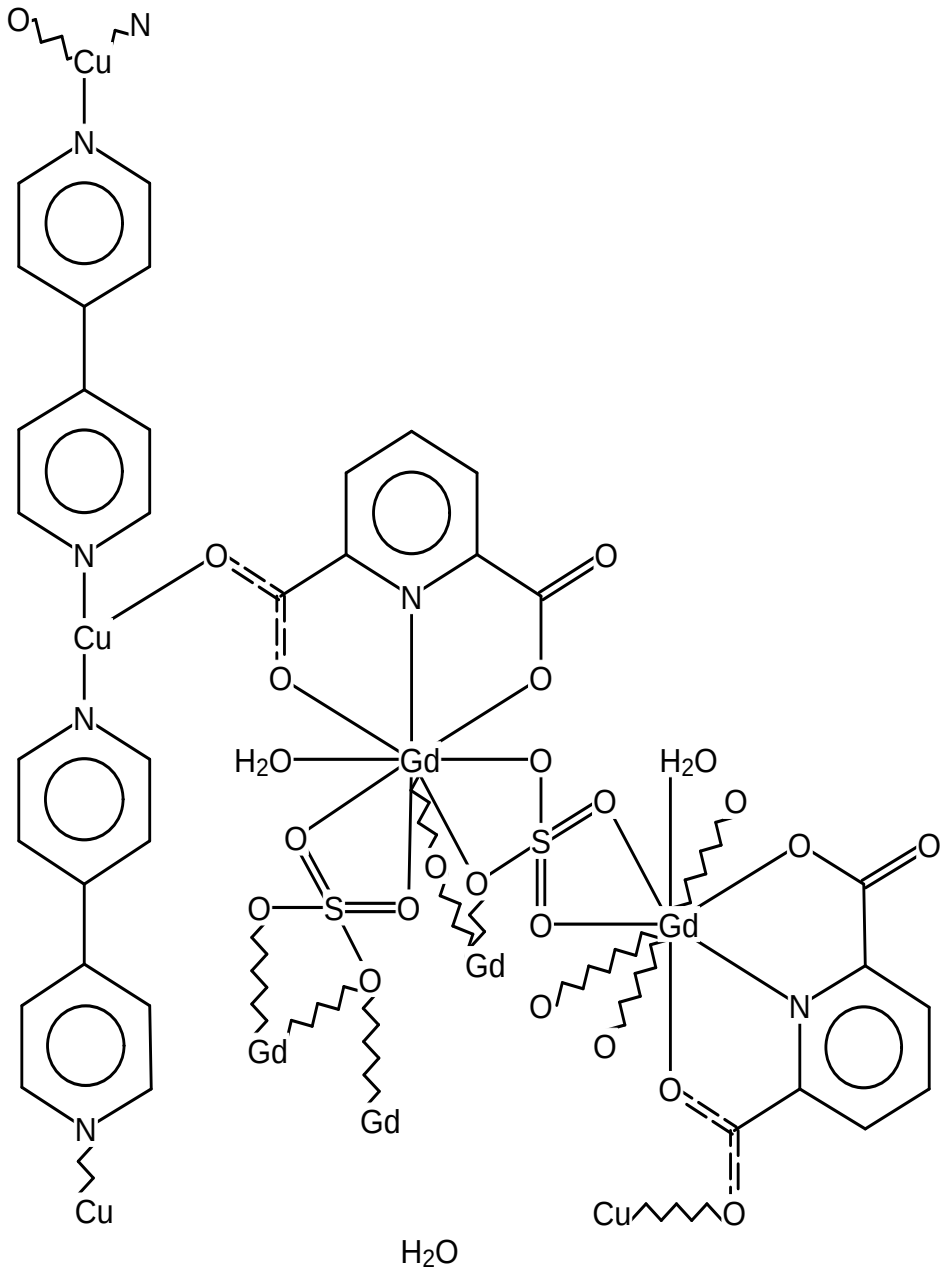
KIVDUP

Reference: Qi-Bing Bo, Zhong-Xi Sun, W.Forsling (2008)
CrystEngComm ,**10,**232

Formula: $(C_{34}\ H_{26}\ Cu_2\ Gd_2\ N_6\ O_{18}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Sulfato)-bis(μ_2-pyridine-2,6-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-copper(i)-di-gadolinium dihydrate)

Space Group:	P-1	***Cell:***	***a***	12.648(3)	***b***	13.225(3)	***c***	14.475(3)
Space Group No.:	2	***(Å,°)***	α	87.80(0)	β	67.30(0)	γ	66.93(0)
R-Factor (%):	5.00	***Temperature(K):***	298	***Density(g/cm^3):***	2.199			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1183

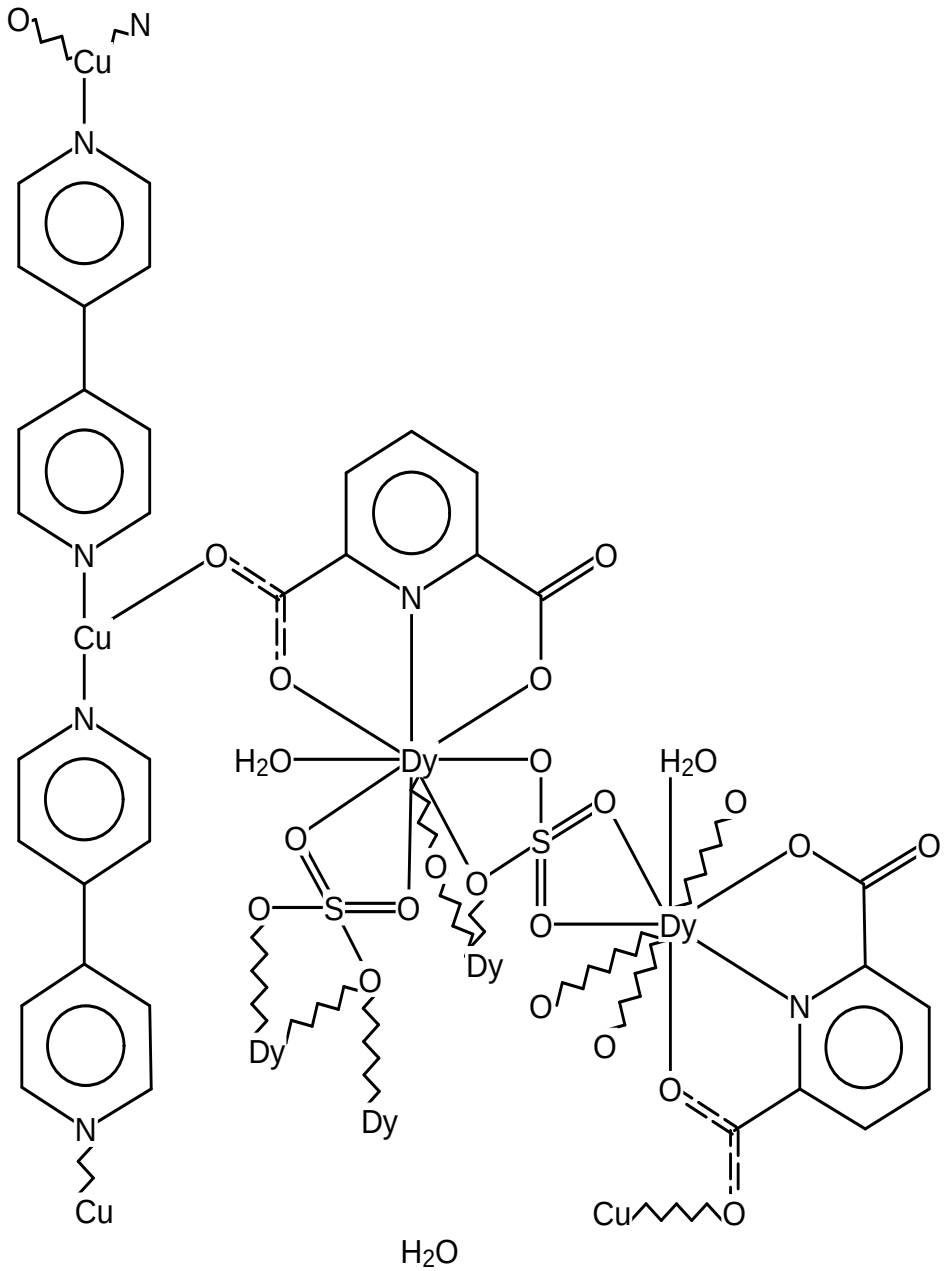
KIVFAX

Reference: Qi-Bing Bo, Zhong-Xi Sun, W.Forsling (2008)
CrystEngComm ,**10,**232

Formula: $(C_{34}\ H_{26}\ Cu_2\ Dy_2\ N_6\ O_{18}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Sulfato)-bis(μ_2-pyridine-2,6-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-copper(i)-di-dysprosium dihydrate)

Space Group:	P-1	***Cell:***	***a***	12.632(6)	***b***	13.234(7)	***c***	14.431(7)
Space Group No.:	2	***(Å,°)***	α	87.70(0)	β	67.35(0)	γ	66.63(0)
R-Factor (%):	6.28	***Temperature(K):***	298	***Density(g/cm^3):***	2.228			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1184

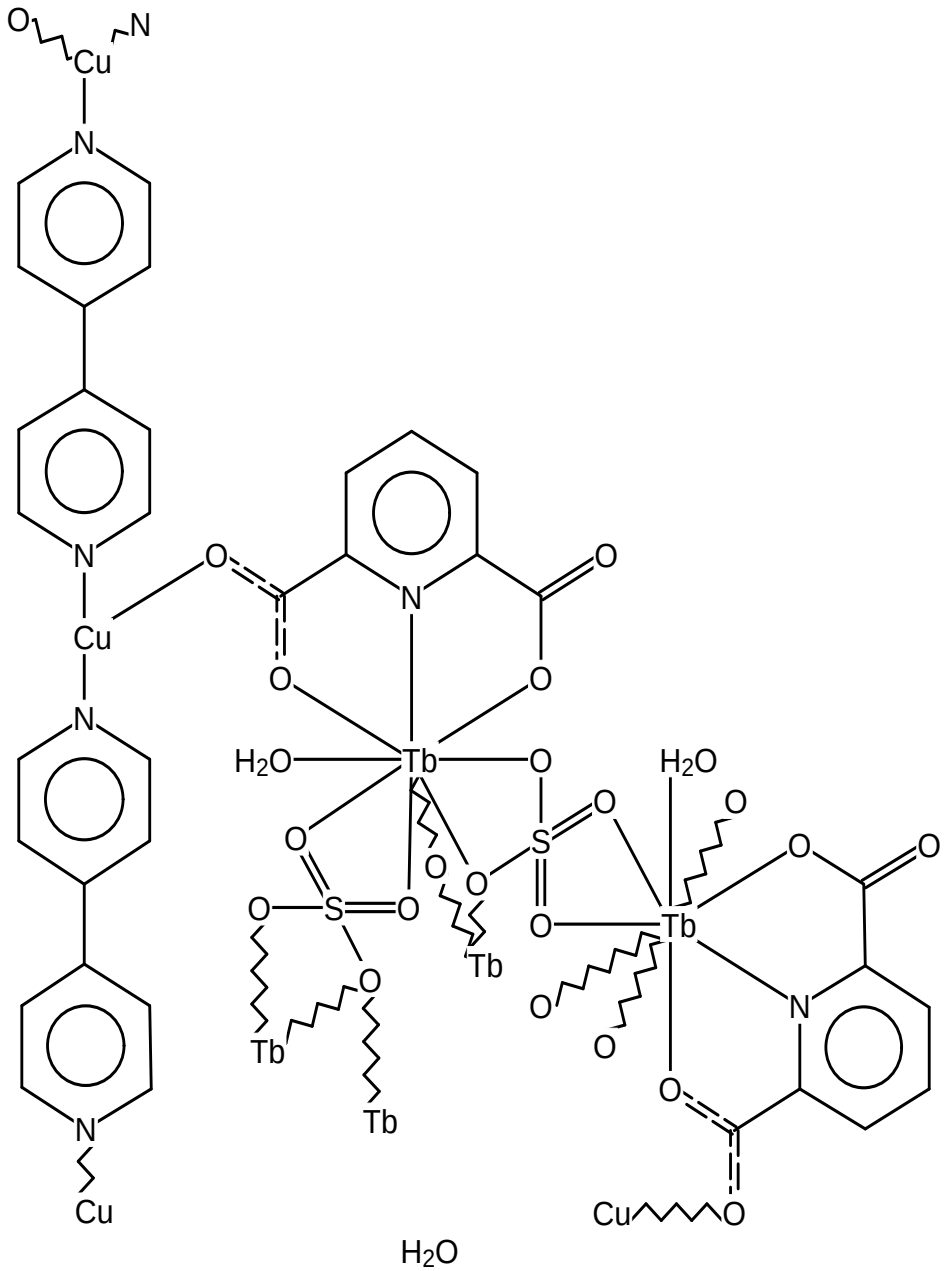
KIVFEB

Reference: Qi-Bing Bo, Zhong-Xi Sun, W.Forsling (2008)
*CrystEngComm ,***10,**232

Formula: $(C_{34}\ H_{26}\ Cu_2\ N_6\ O_{18}\ S_2\ Tb_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Sulfato)-bis(μ_2-pyridine-2,6-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-copper(i)-di-terbium dihydrate)

Space Group:	P-1	***Cell:***	***a***	12.624(2)	***b***	13.208(3)	***c***	14.457(3)
Space Group No.:	2	***(Å,°)***	α	87.74(0)	β	67.32(0)	γ	66.78(0)
R-Factor (%):	4.18	***Temperature(K):***	298	***Density(g/cm^3):***	2.216			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1185

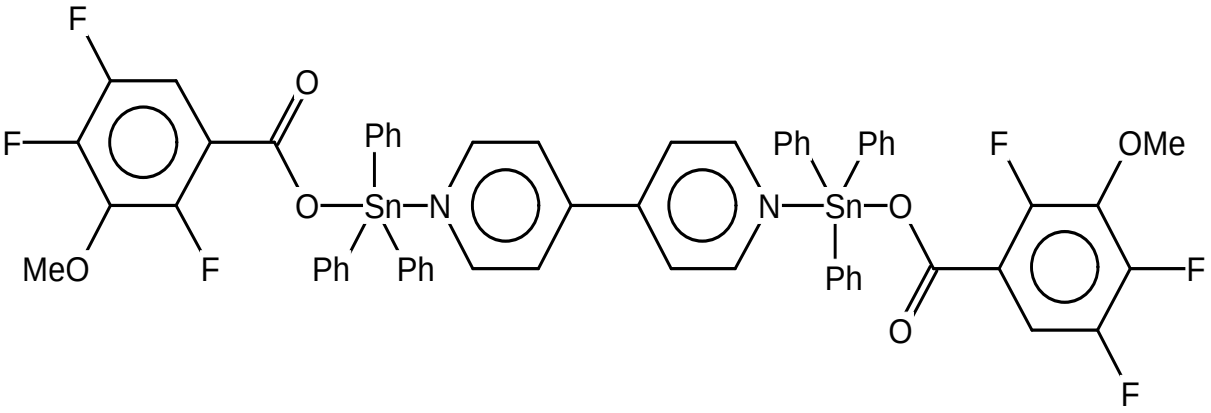
KIVWIW

Reference: Chun-Lin Ma, Ya-Wen Han, Ru-Fen Zhang (2007)
*Struct.Chem. ,***18,**573

Formula: $C_{62}\ H_{46}\ F_6\ N_2\ O_6\ Sn_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(2,4,5-trifluoro-3-methoxybenzoato-O)-hexaphenyl-di-tin(iv)

Space Group:	P-1	***Cell:***	***a***	11.797(1)	***b*** 13.322(2)	***c***	19.180(3)
Space Group No.:	2	***(Å,°)***	α	92.11(0)	β 101.17(0)	γ	109.27(0)
R-Factor (%):	4.66	***Temperature(K):***	298		***Density(g/cm^3):***	1.516	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1186

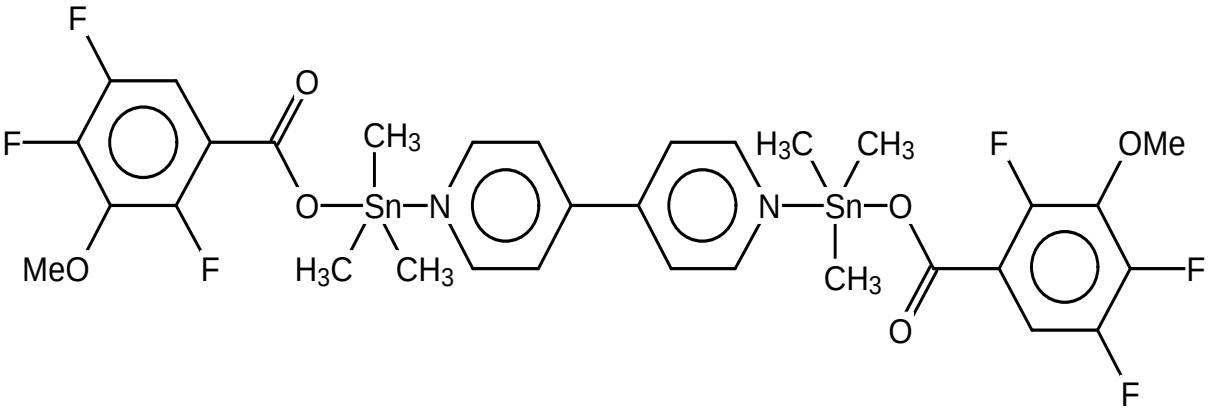
KIVWOC

Reference: Chun-Lin Ma, Ya-Wen Han, Ru-Fen Zhang (2007)
*Struct.Chem. ,***18,**573

Formula: $C_{32}\ H_{34}\ F_6\ N_2\ O_6\ Sn_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(2,4,5-trifluoro-3-methoxybenzoato-O)-hexamethyl-di-tin(iv)

Space Group:	P21/c	***Cell:***	***a***	11.019(7)	***b***	7.948(5)	***c***	20.401(13)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.85(0)	γ	90.00
R-Factor (%):	7.82	***Temperature(K):***	298		***Density(g/cm^3):***	1.663		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1187

KIWFEC

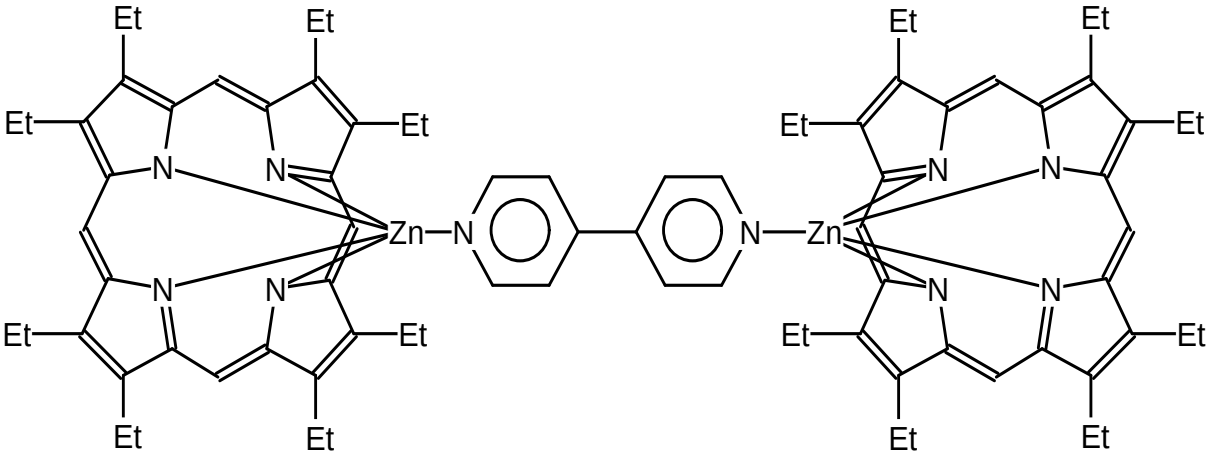
Reference: D.V.Konarev, S.S.Khasanov, Yu.L.Slovokhotov, G.Saito, R.N.Lyubovskaya (2008) *CrystEngComm ,***10,**48

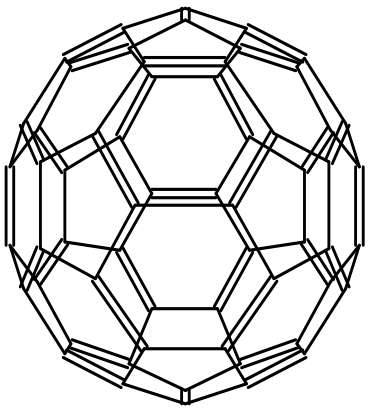
Formula: $C_{82}\ H_{96}\ N_{10}\ Zn_2$,2($C_{60}$),2($C_1\ H_1\ Cl_3$)

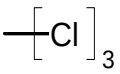
Compound Name: (μ_2-4,4'-Bipyridine)-bis(2,3,7,8,12,13,17,18-octaethylporphyrinato-N,N',N'',N''')-di-zinc(ii) bis(C60fullerene) chloroform solvate

Space Group:	P-1	***Cell:***	***a***	13.847(9)	***b***	14.011(11)	***c***	19.795(16)
Space Group No.:	2	***(Å,°)***	α	78.50(3)	β	76.35(3)	γ	63.27(2)

R-Factor (%): 9.17 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.520







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1188

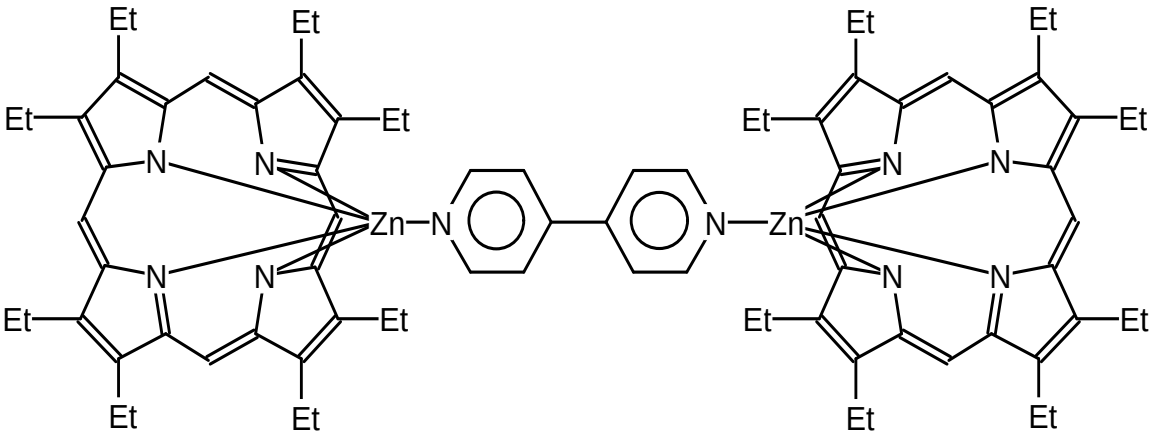
KIWFIG

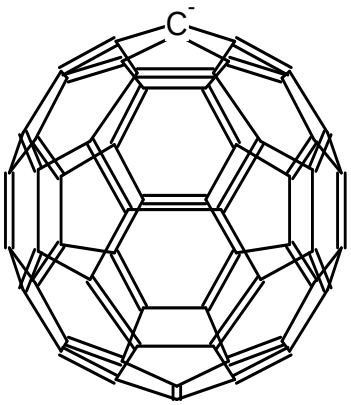
Reference: D.V.Konarev, S.S.Khasanov, Yu.L.Slovokhotov, G.Saito, R.N.Lyubovskaya (2008) *CrystEngComm ,***10,**48

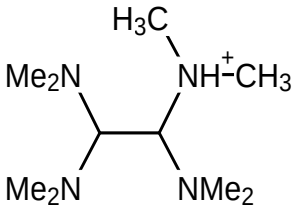
Formula: $2(C_{10}H_{27}N_4^{1+}),C_{82}H_{96}N_{10}Zn_2,2(C_{60}^{1-}),0.75(C_6H_6),0.25(C_6H_4Cl_2)$

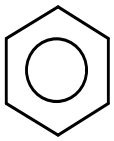
Compound Name: bis(tetrakis(Dimethylamino)ethylene radical cation) (μ_2-4,4'-bipyridine)-bis(2,3,7,8,12,13,17,18-octaethylporphyrinato-N,N',N'',N''')-di-zinc(ii) bis(C60fulleride radical) benzene 1,2-dichlorobenzene solvate

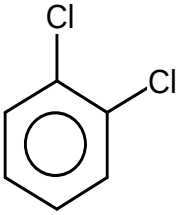
Space Group:	I222	***Cell:***	***a***	14.856(0)	***b***	21.215(0)	***c*** 24.202(0)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.96	***Temperature(K):***	100	***Density(g/cm^3):***	1.435		











This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1189

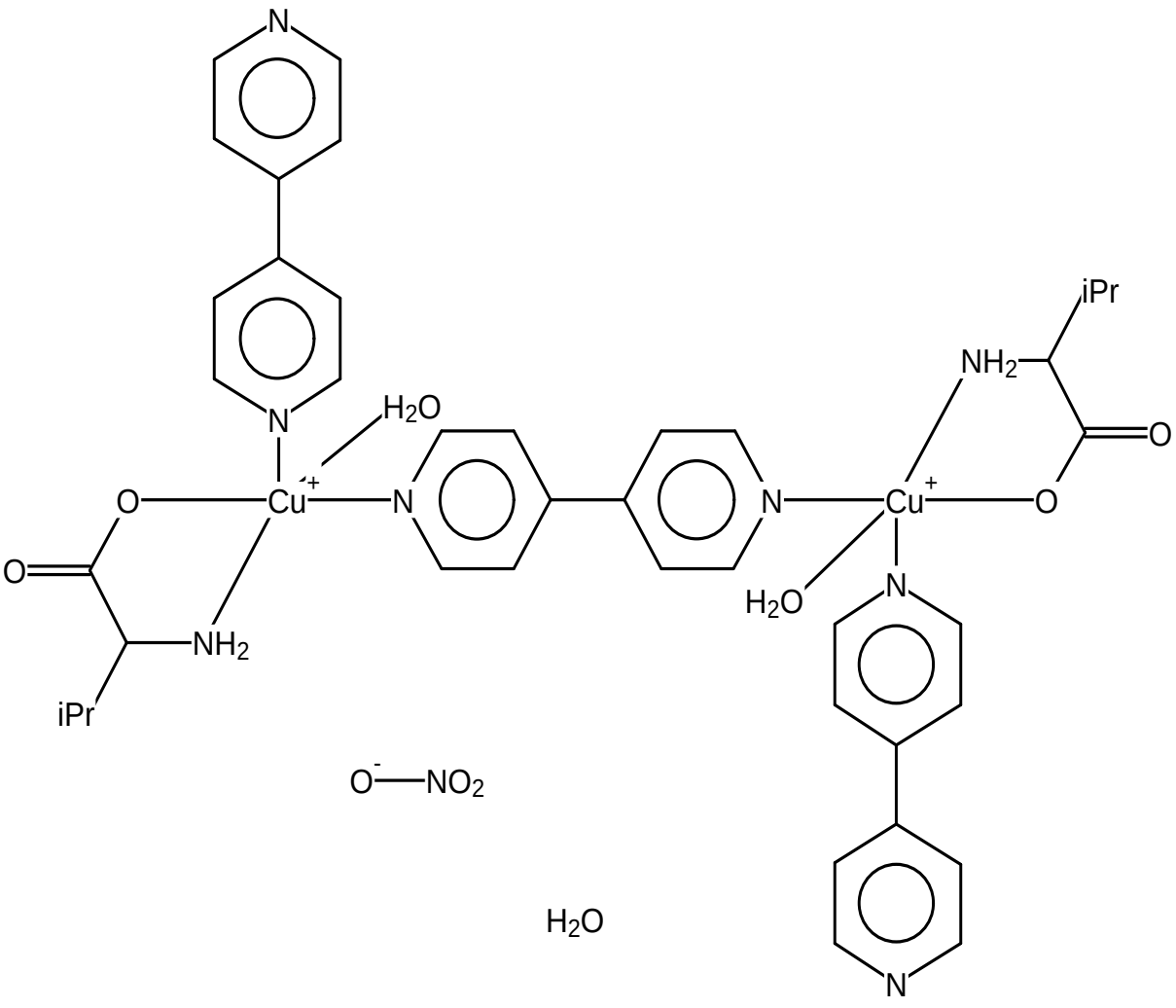
KIWGON

Reference: Ben-Yong Lou, Mao-Chun Hong (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m405

Formula: $C_{40}\ H_{48}\ Cu_2\ N_8\ O_6\ ^{2+},2(N_1\ O_3\ ^{1-}),2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis((4,4'-bipyridine-N)-(L-valinato-N,O))-di-copper(ii) dinitrate dihydrate

Space Group:	P1	***Cell:***	***a***	8.968(1)	***b***	9.655(1)	***c*** 13.942(1)
Space Group No.:	1	***(Å,°)***	α	91.53(0)	β	100.38(0)	γ 105.39(0)
R-Factor (%):	3.47	***Temperature(K):***	293		***Density(g/cm^3):***		1.490



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1190

KIYMIP

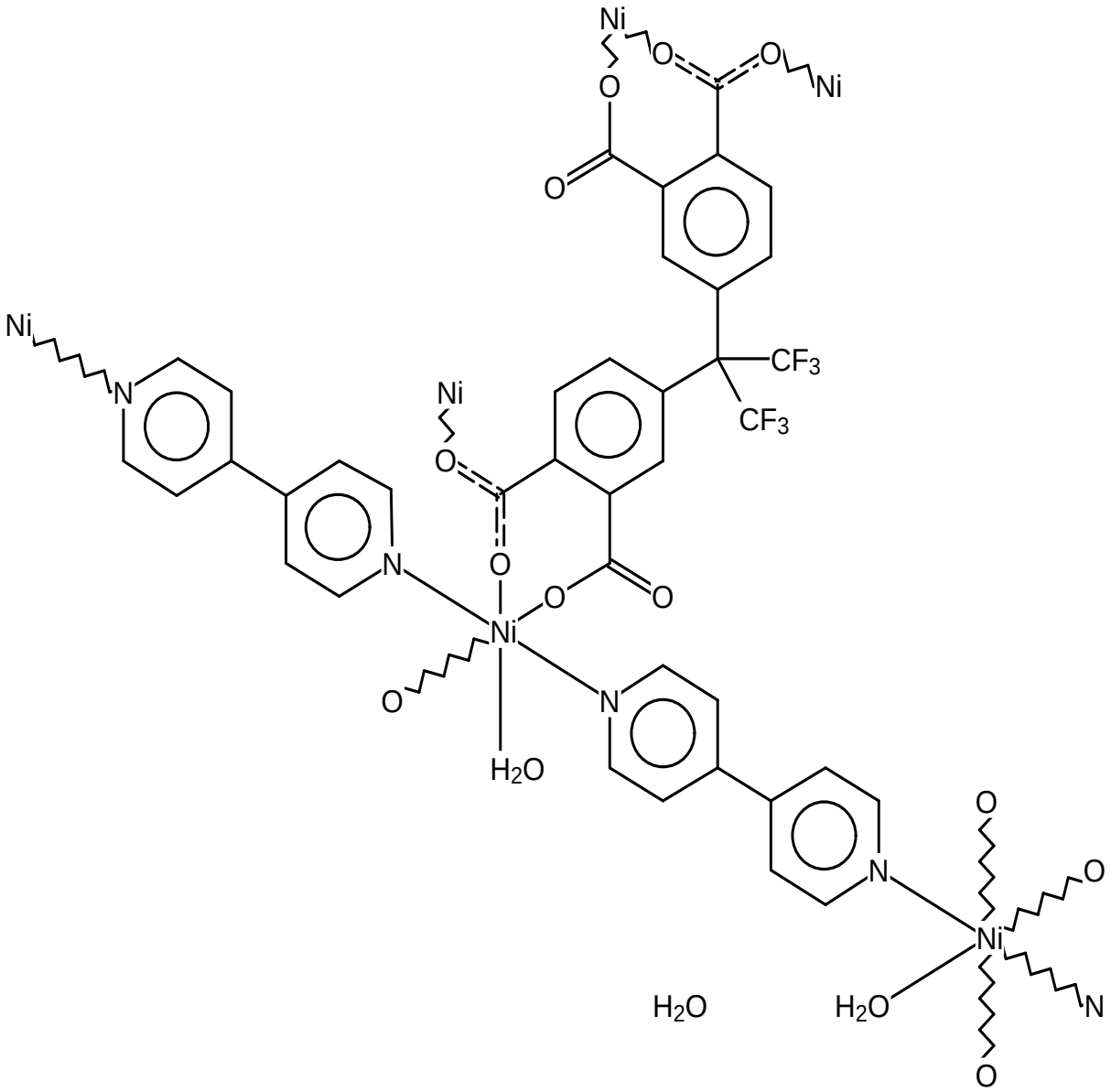
Reference: Rui-Qin Zhong, Ru-Qiang Zou, Miao Du, T.Yamada, G.Maruta, S.Takeda, Qiang Xu (2008) *Dalton Trans. ,*2346

Formula: $(C_{39}\ H_{26}\ F_6\ N_4\ Ni_2\ O_{10})n,8n(H_2\ O_1)$

Compound Name: catena-((μ_4-4,4'-(hexafluoroisopropylidene)diphthalato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-nickel(ii) octahydrate)

Space Group:	P21212	***Cell:***	***a***	24.094(5)	***b***	8.198(1)	***c***	11.307(2)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.615



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1191

KIYMOV

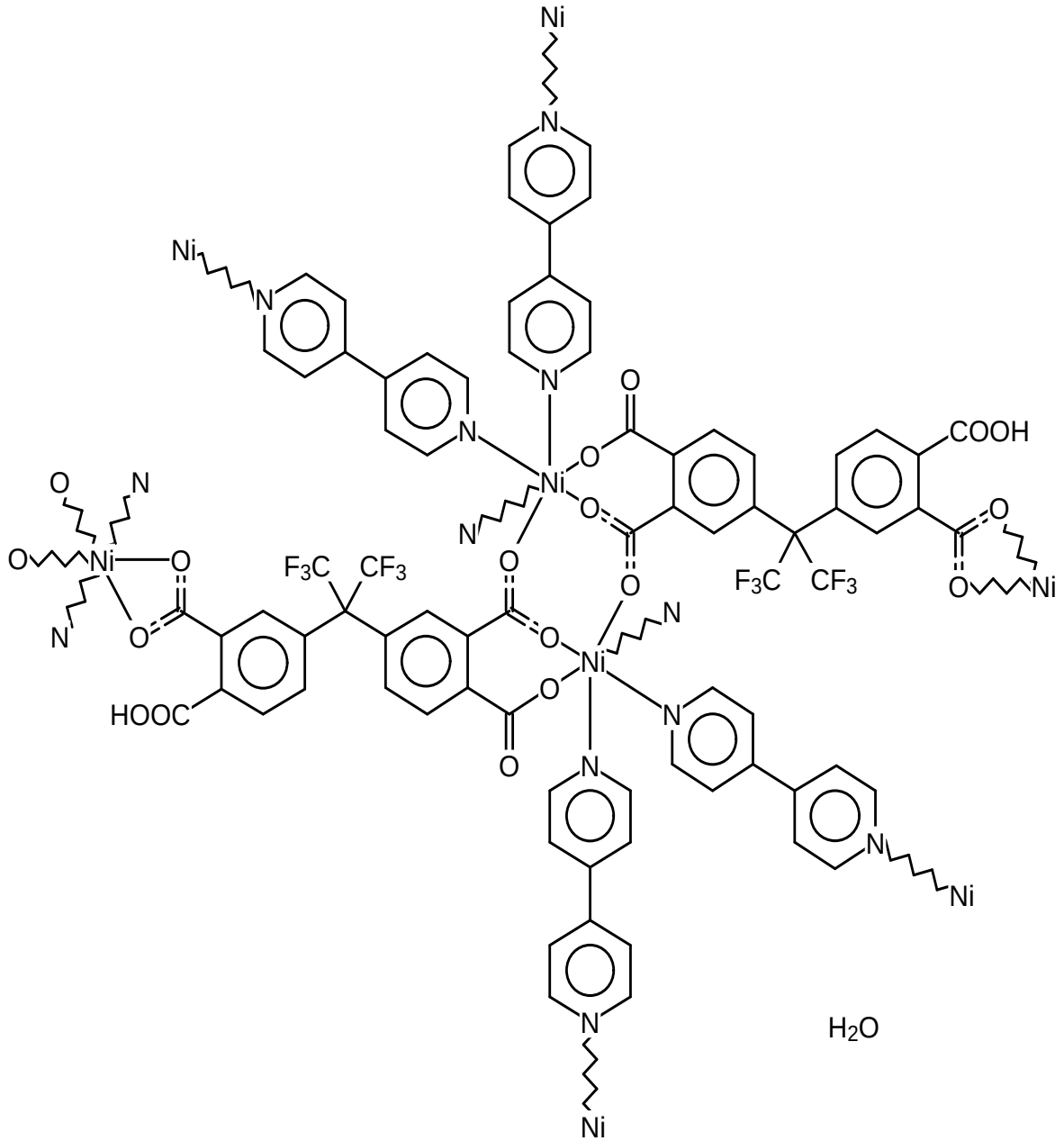
Reference: Rui-Qin Zhong, Ru-Qiang Zou, Miao Du, T.Yamada, G.Maruta, S.Takeda, Qiang Xu (2008) *Dalton Trans.* ,2346

Formula: $(C_{78}\ H_{46}\ F_{12}\ N_8\ Ni_3\ O_{16})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-4,4'-(hexafluoroisopropylidene)diphthalato)-tetrakis(μ_2-4,4'-bipyridine)-di-nickel(ii) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	28.026(6)	***b***	12.176(2)	***c***	21.761(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.48(3)	γ	90.00

R-Factor (%): 4.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.604



Search: search1 (Thu May 26 10:05:42 2011): Hit 1192

KIYVEU

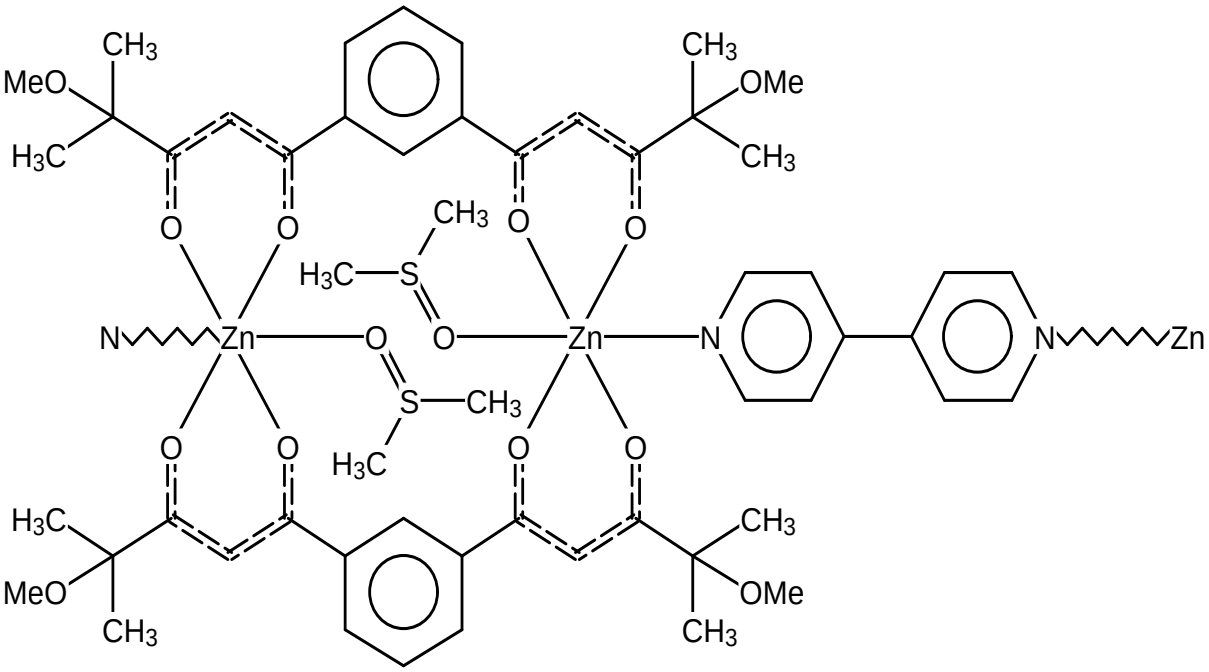
Reference: D.V.Soldatov, G.D.Enright, I.E.Sokolov (2007)
Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.) ,**48,**332

Formula: $(C_{54}\ H_{68}\ N_2\ O_{14}\ S_2\ Zn_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-1,3-bis(4-methyl-4-methoxy-1,3-pentanedionato)benzene)-bis(dimethylsulfoxide)-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	8.195(0)	***b*** 22.915(1)	***c***	29.598(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.65(1)	γ	90.00

R-Factor (%): 7.03 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.445



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1193

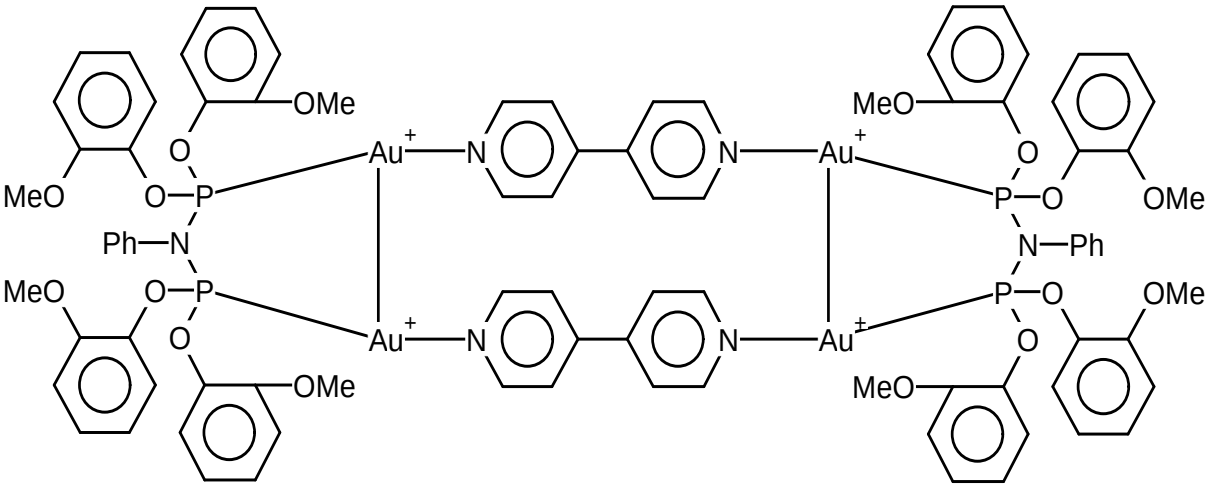
KOBMAQ

Reference: C.Ganesamoorthy, M.S.Balakrishna, J.T.Mague, H.M.Tuononen (2008) *Inorg.Chem. ,***47,**2764

Formula: $C_{88}\ H_{82}\ Au_4\ N_6\ O_{16}\ P_4\ ^{4+}, 4(Cl_1\ O_4\ ^{1-})$

Compound Name: bis(μ_2-4,4'-bipyridyl)-bis(μ_2-bis(bis(o-methoxyphenoxy)phosphino)(phenyl)amine)-tetra-gold(i) tetraperchlorate

Space Group:	P21/n	***Cell:***	***a*** 17.779(3)	***b*** 13.180(2)	***c*** 20.720(3)
Space Group No.:	14	***(Å,°)***	α 90.00	β 106.50(0)	γ 90.00
R-Factor (%):	3.31	***Temperature(K):***	100	***Density(g/cm^3):***	1.990



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1194

KOBRAV

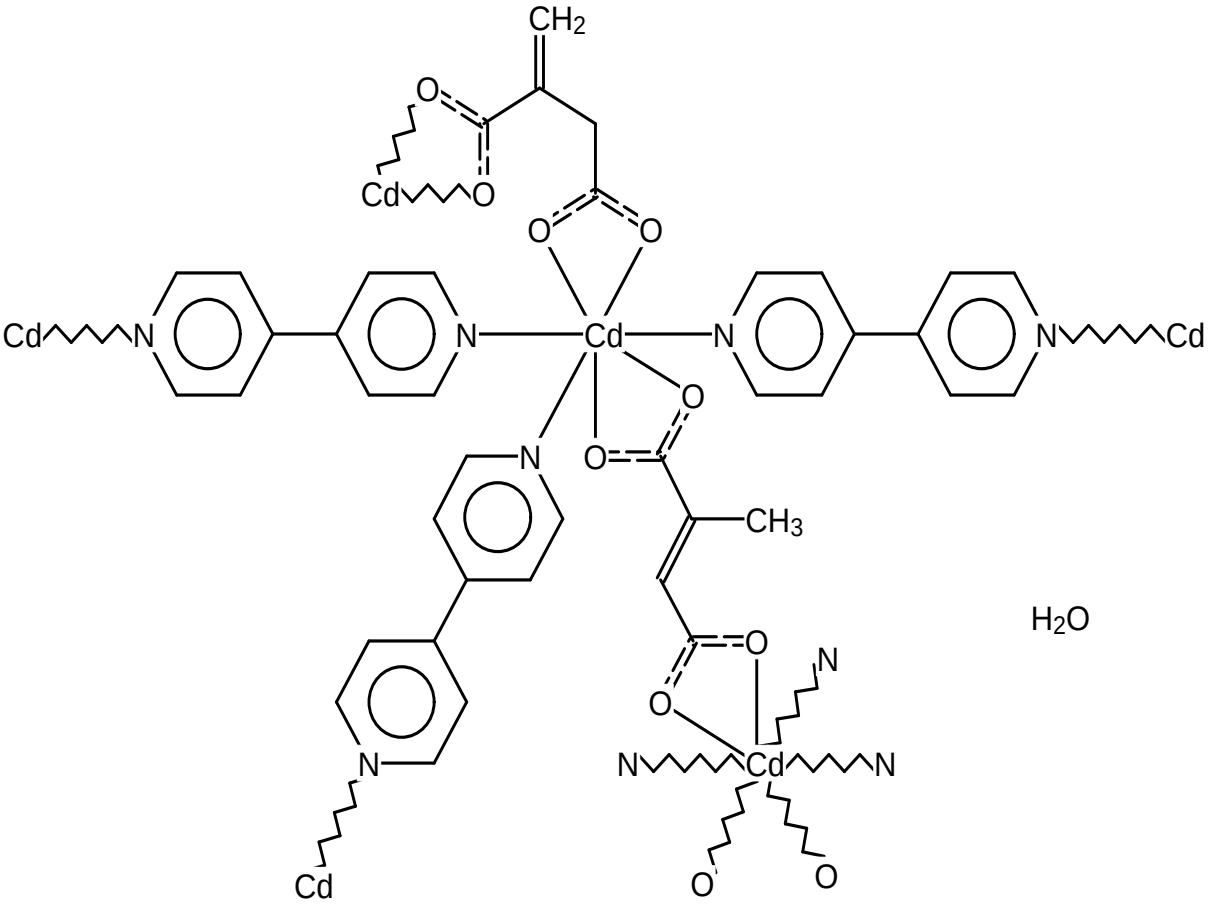
Reference: Ming-Sheng Wang, Guo-Cong Guo, Wen-Qiang Zou, Wei-Wei Zhou, Zhang-Jing Zhang, Gang Xu, Jin-Shun Huang (2008) *Angew.Chem.,Int.Ed. ,***47,**3565

Formula: $(C_{40}\ H_{32}\ Cd_2\ N_6\ O_8)n,4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine)-(μ_2-itaconato)-(μ_2-mesaconato)-di-cadmium(ii) tetrahydrate)

Space Group:	Fddd	***Cell:***	***a***	15.433(3)	***b***	28.552(6)	***c*** 36.861(8)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.671



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1195

KOBRAV01

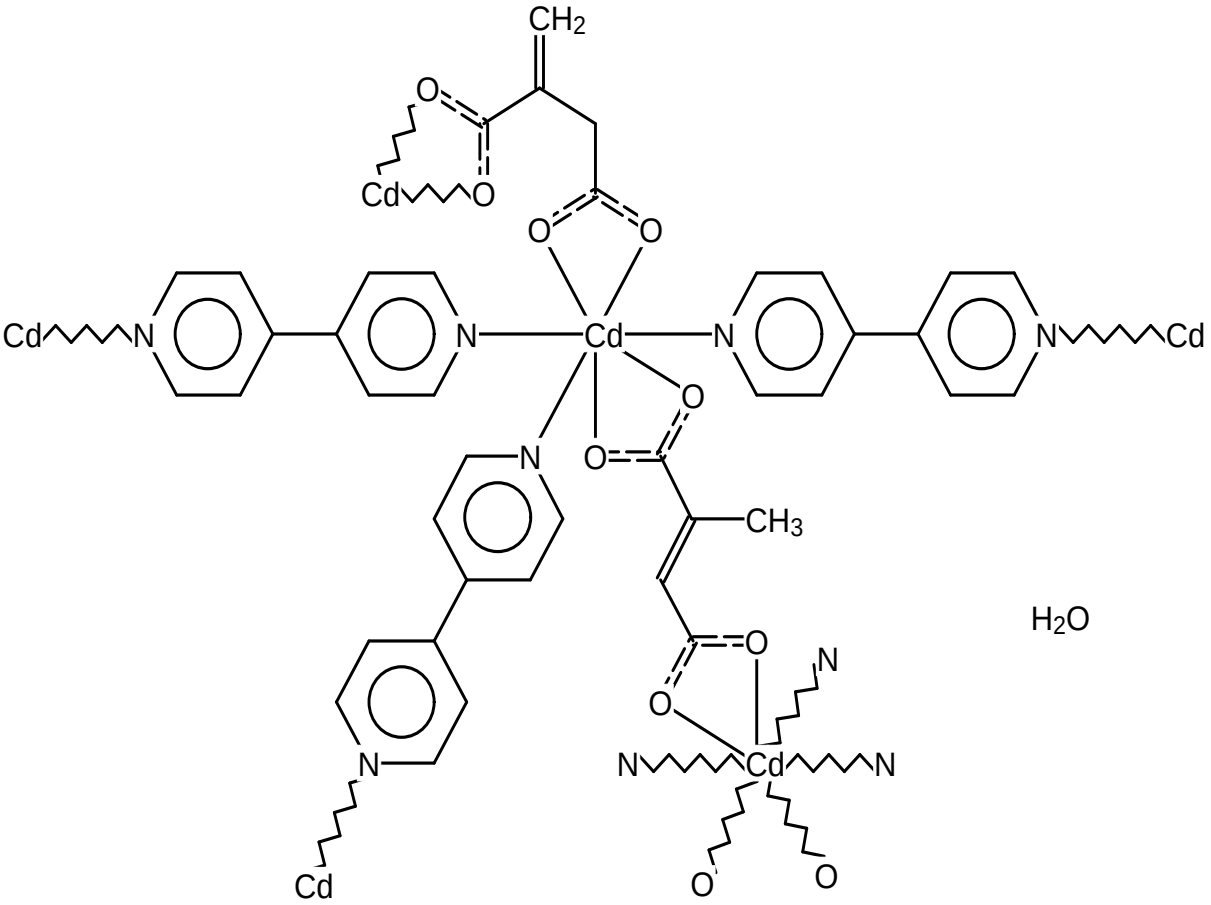
Reference: Ming-Sheng Wang, Guo-Cong Guo, Wen-Qiang Zou, Wei-Wei Zhou, Zhang-Jing Zhang, Gang Xu, Jin-Shun Huang (2008) *Angew.Chem.,Int.Ed. ,***47,**3565

Formula: $(C_{40}\ H_{32}\ Cd_2\ N_6\ O_8)n,4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine)-(μ_2-itaconato)-(μ_2-mesaconato)-di-cadmium(ii) tetrahydrate)

Space Group:	Fddd	***Cell:***	***a***	15.416(1)	***b***	28.641(1)	***c*** 36.813(2)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.670



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1196

KOCWOP

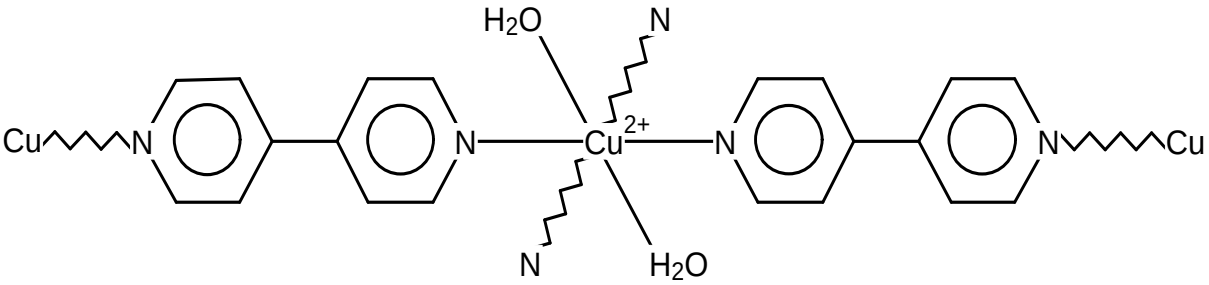
Reference: Caoyuan Niu, Benlai Wu, Hongyun Zhang, Zhongjun Li, Hongwei Hou (2008) *Inorg.Chem.Commun. ,***11,**377

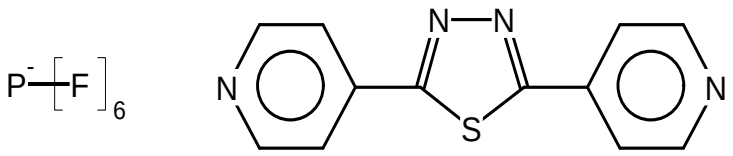
Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,2n(F_6\ P_1\ ^{1-}),2n(C_{12}\ H_8\ N_4\ S_1),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-copper(ii) bis(hexafluorophosphate) bis(2,5-bis(4-pyridyl)-1,3,4-thiadiazole) dihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.089(1)	***b*** 16.433(1)	***c***	14.990(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.79(0)	γ	90.00

R-Factor (%): 5.24 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.574





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1197

KODPUP

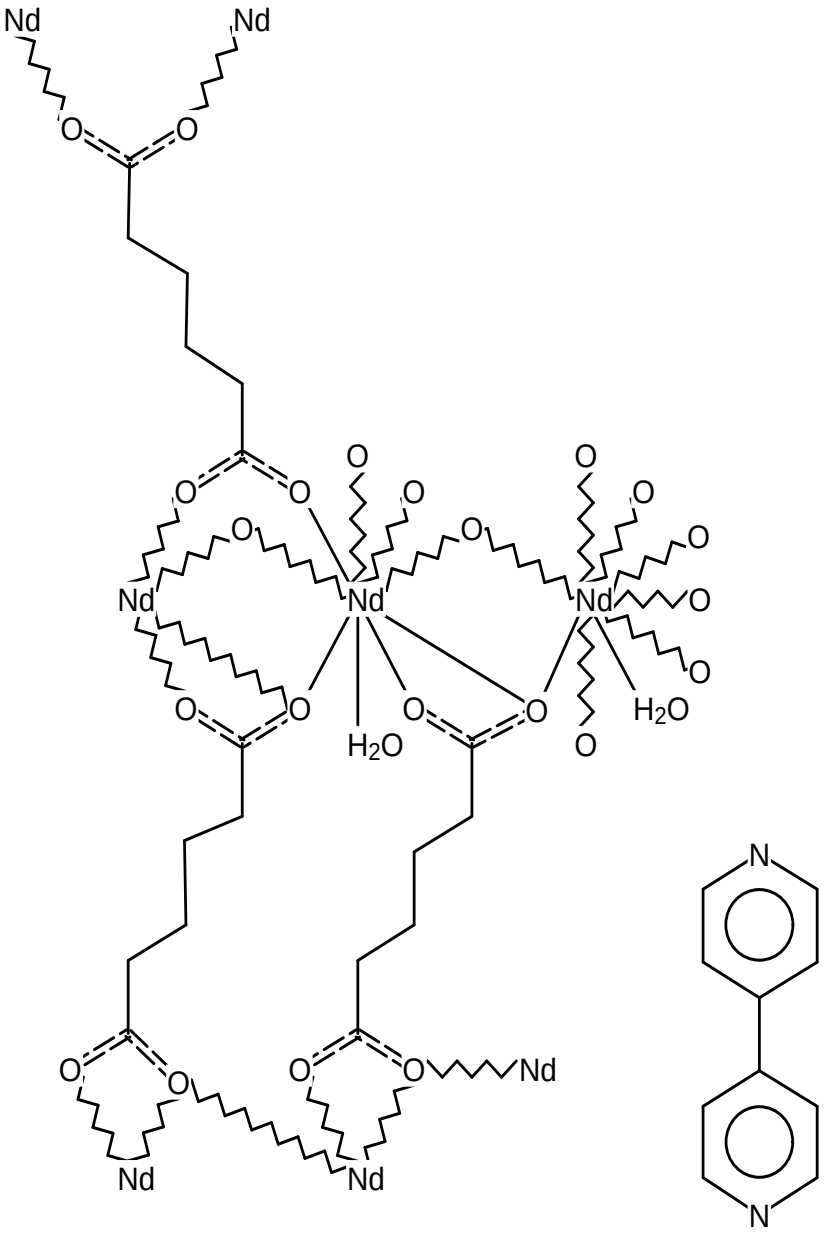
Reference: Qiu-xiang Zhou, Yan-ji Wang, Hai-bin Song, Xin-qiang Zhao, Lin Yue (2005) *Guangpux.Yu Guang.Fenxi(Chin.)(Spect.Spectral Anal.)* ,**25,**730

Formula: $(C_{18}\ H_{28}\ Nd_2\ O_{14})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_4-Hexane-1,6-dicarboxylato)-diaqua-di-neodymium(iii) 4, 4'-bipyridine solvate)

Space Group:	Pbcn	***Cell:***	***a***	22.012(6)	***b*** 7.778(2)	***c***	19.724(5)
Space Group No.:	60	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.796


Nd
Nd
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1198

KODPUP01

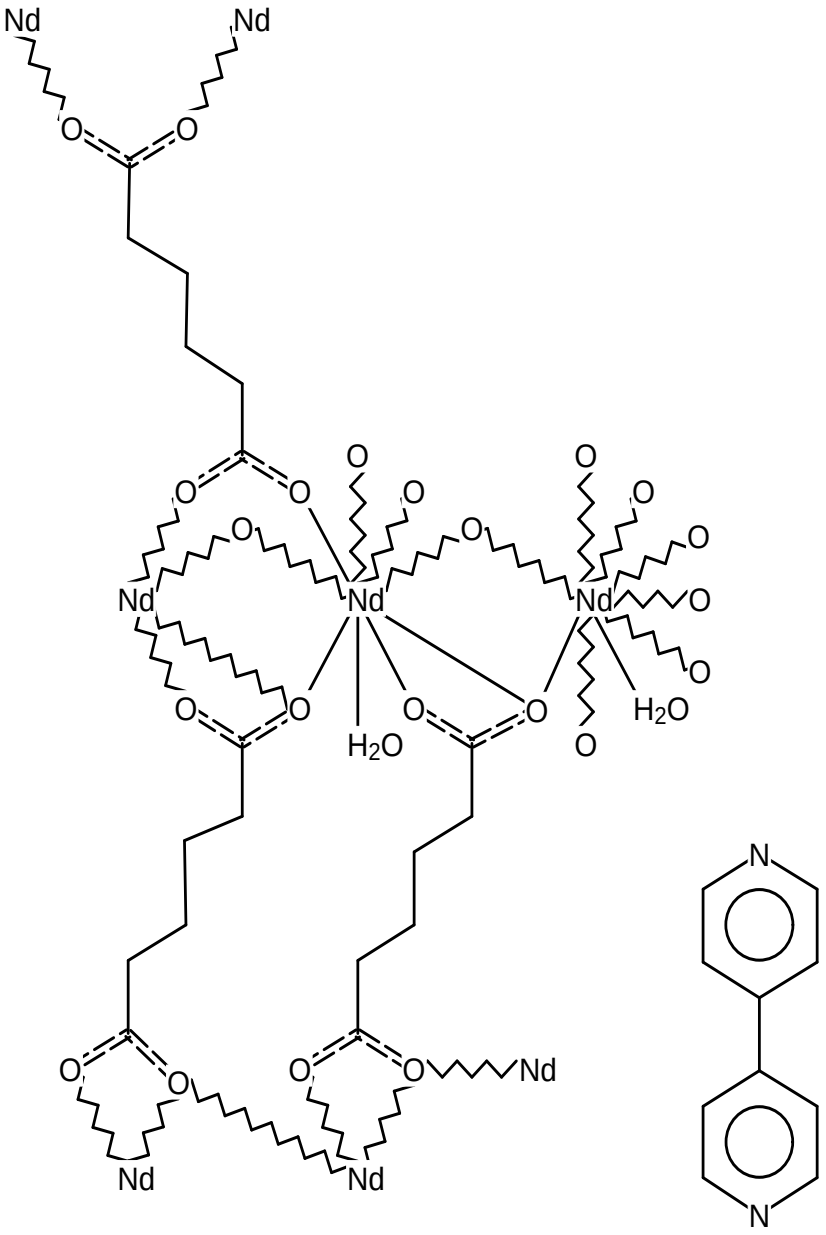
Reference: Qiu-xiang Zhou, Xiao-jie Bai, Le-pei Chen (2005)
Hebei Daxue Xuebao,Ziran Kexueban(Chin.)(J.Hebei Univ.,Nat.Sci.Ed.) , **25,**614

Formula: $(C_{18}\ H_{28}\ Nd_2\ O_{14})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_4-Hexane-1,6-dicarboxylato)-diaqua-di-neodymium 4,4'-bipyridine solvate)

Space Group:	Pbcn	***Cell:***	***a***	22.012(6)	***b***	7.778(2)	***c***	19.724(5)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.796



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1199

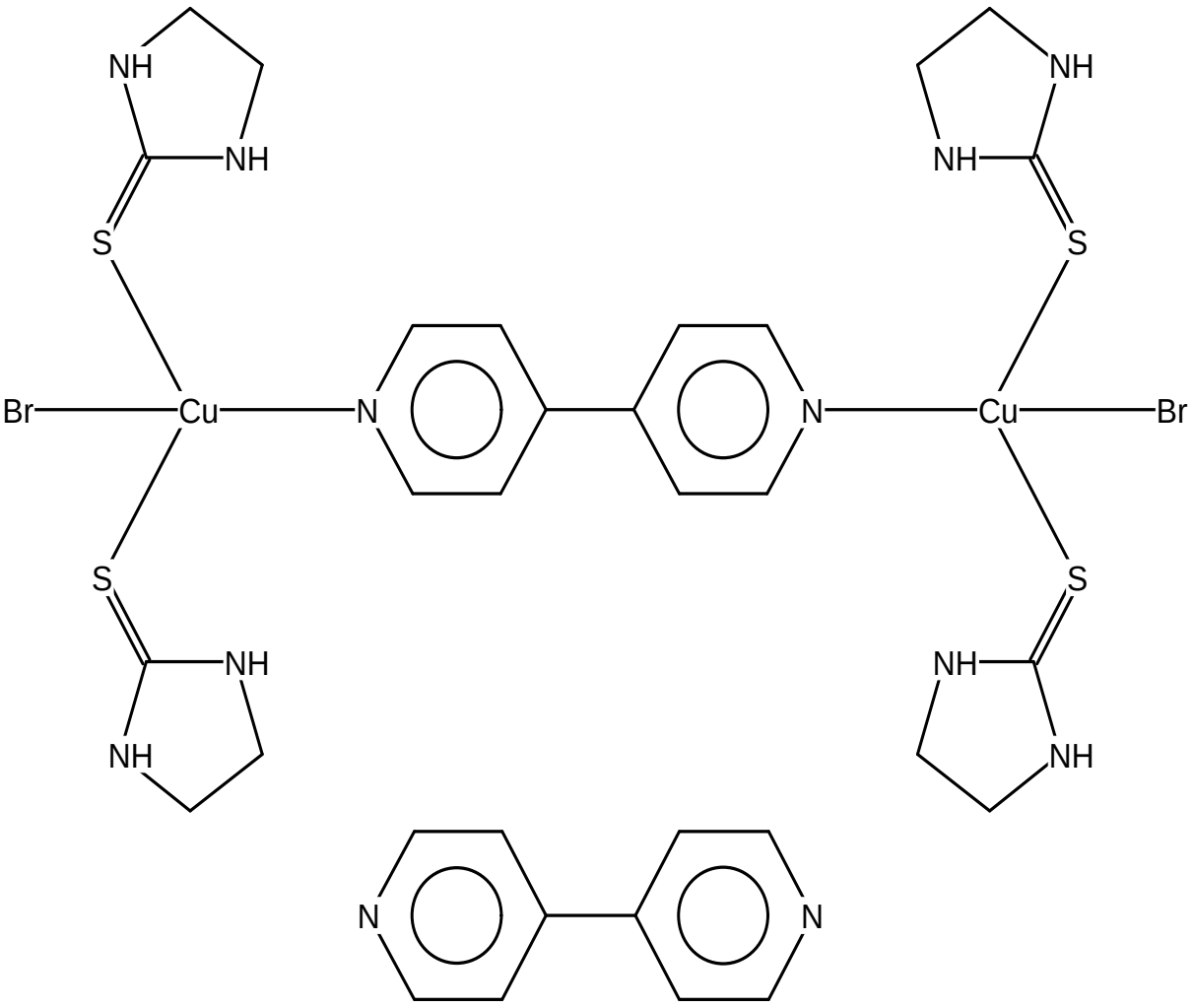
KOGVAE

Reference: H.Phetmung, A.Samsao (2008)
Anal.Sci.:X-Ray Struct.Anal.Online ,**24,**x191

Formula: $C_{22}\ H_{32}\ Br_2\ Cu_2\ N_{10}\ S_4$,2($C_{10}\ H_8\ N_2$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-dibromo-tetrakis(ethylenethiourea-S)-di-copper(i) bis(4,4'-bipyridine)

Space Group:	P21/n	***Cell:***	***a*** 7.993(1)	***b*** 12.950(1)	***c*** 23.822(3)
Space Group No.:	14	***(Å,°)***	α 90.00	β 94.18(0)	γ 90.00
R-Factor (%):	3.92	***Temperature(K):***	273	***Density(g/cm^3):***	1.572



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1200

KOGYIP

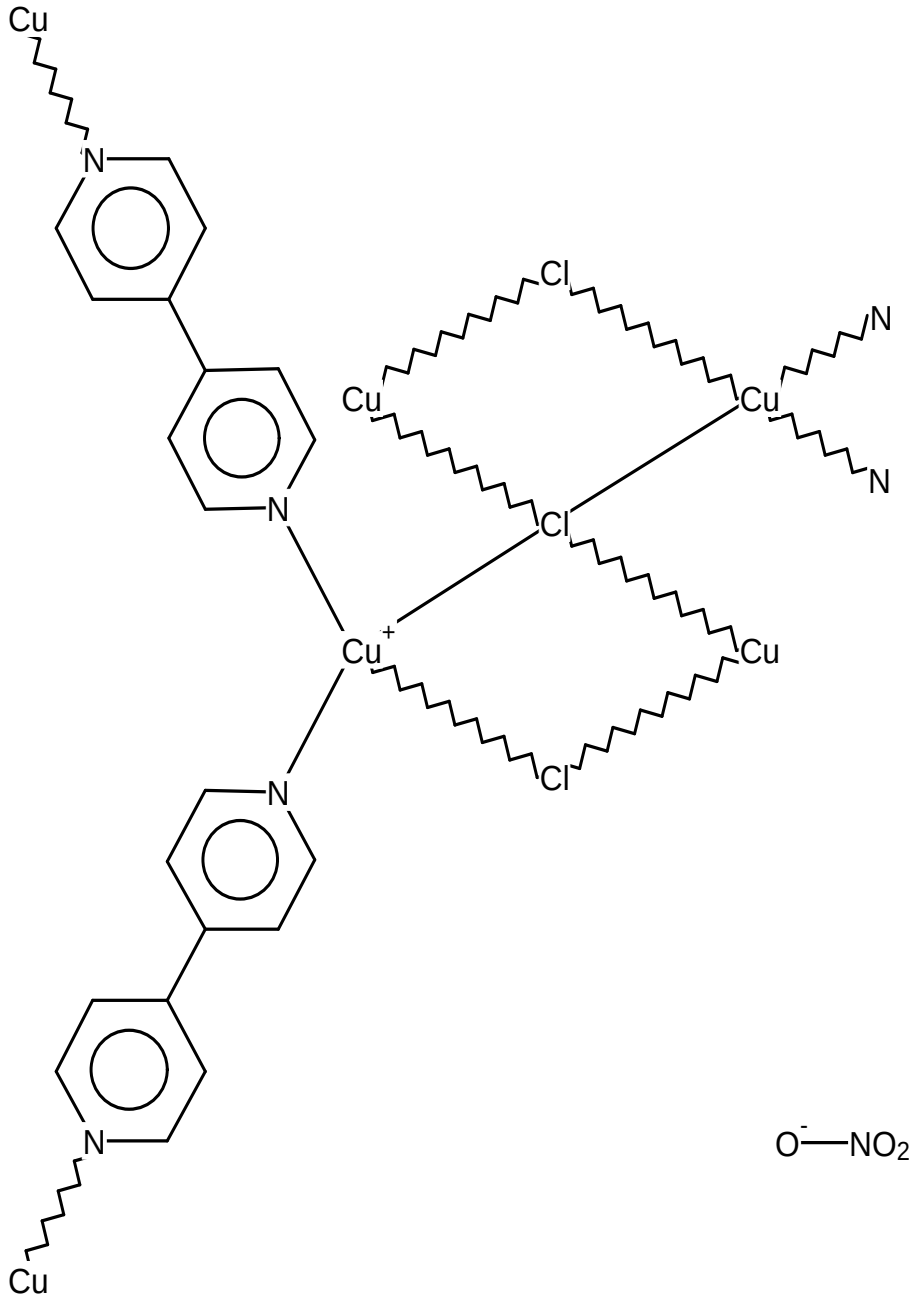
Reference: Hong-Qing Hao, Jing Wang, Wen-Ting Liu, Ming-Liang Tong (2008) *CrystEngComm* ,**10,**1454

Formula: $(C_{20}\ H_{16}\ Cl_1\ Cu_2\ N_4\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_4-Chloro)-bis(μ_2-4,4'-bipyridyl)-di-copper(i) nitrate)

Space Group:	C222	***Cell:***	***a***	15.083(2)	***b***	20.531(3)	***c*** 3.666(0)
Space Group No.:	21	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.571



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1201

KOHNUR

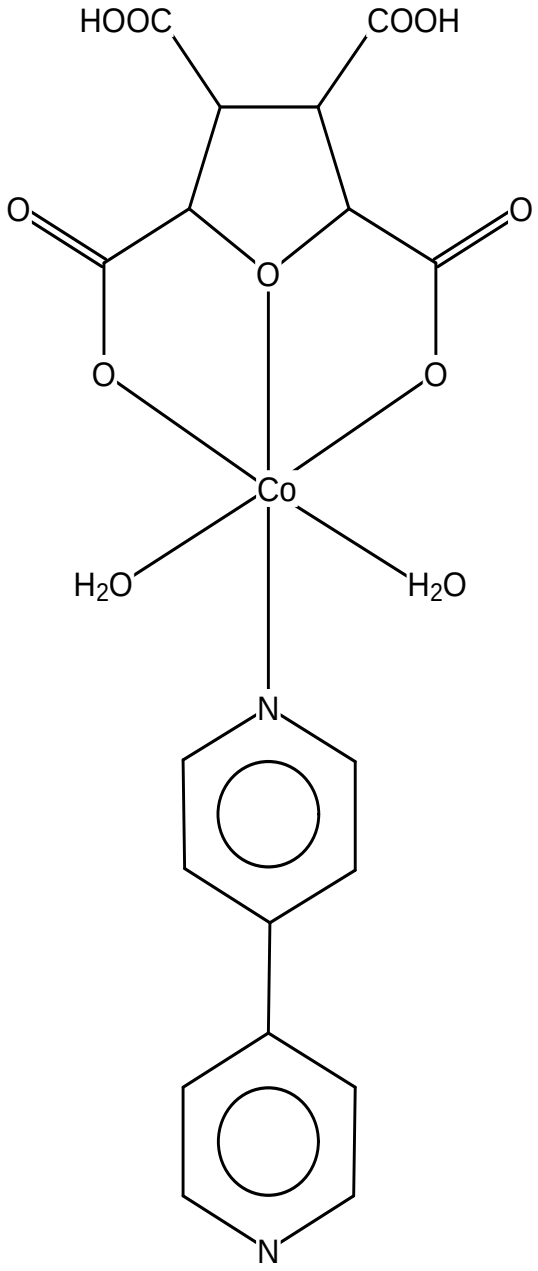
Reference: Wentao Ai, Haiyan He, Longjie Liu, Qianjin Liu, Xiaoli Lv, Jing Li, Daofeng Sun (2008) *CrystEngComm ,***10,**1480

Formula: $C_{18}\ H_{18}\ Co_1\ N_2\ O_{11}$,0.5($H_2\ O_1$)

Compound Name: Diaqua-(4,4'-bipyridyl)-(3,4-dicarboxytetrahydrofuran-2,5-dicarboxylato)-cobalt hemihydrate

Space Group:	P-1	***Cell:***	***a***	5.193(0)	***b*** 12.780(1)	***c***	15.317(1)
Space Group No.:	2	***(Å,°)***	α	82.14(0)	β 80.89(0)	γ	87.50(0)

R-Factor (%): 4.04 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.692



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1202

KOHPED

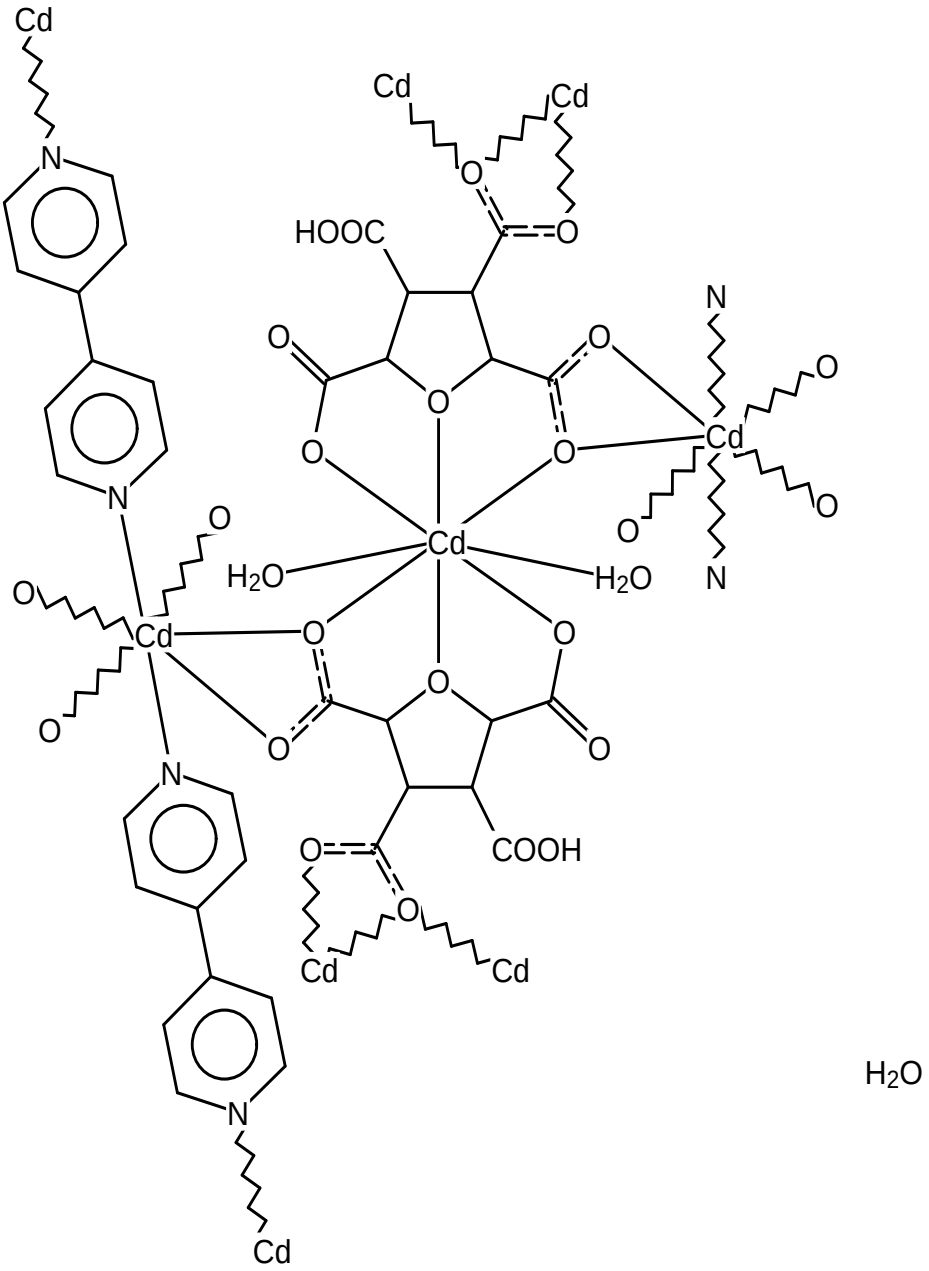
Reference: Wentao Ai, Haiyan He, Longjie Liu, Qianjin Liu, Xiaoli Lv, Jing Li, Daofeng Sun (2008) *CrystEngComm ,***10,**1480

Formula: $(C_{36}\ H_{30}\ Cd_3\ N_4\ O_{20})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-4-Carboxytetrahydrofuran-2,3,5-tricarboxylato)-bis(μ_2-4,4'-bipyridyl)-diaqua-tri-cadmium tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	21.693(4)	***b*** 8.586(1)	***c***	22.878(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.69(1)	γ	90.00

R-Factor (%): 3.25 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.979



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1203

KOHTIL

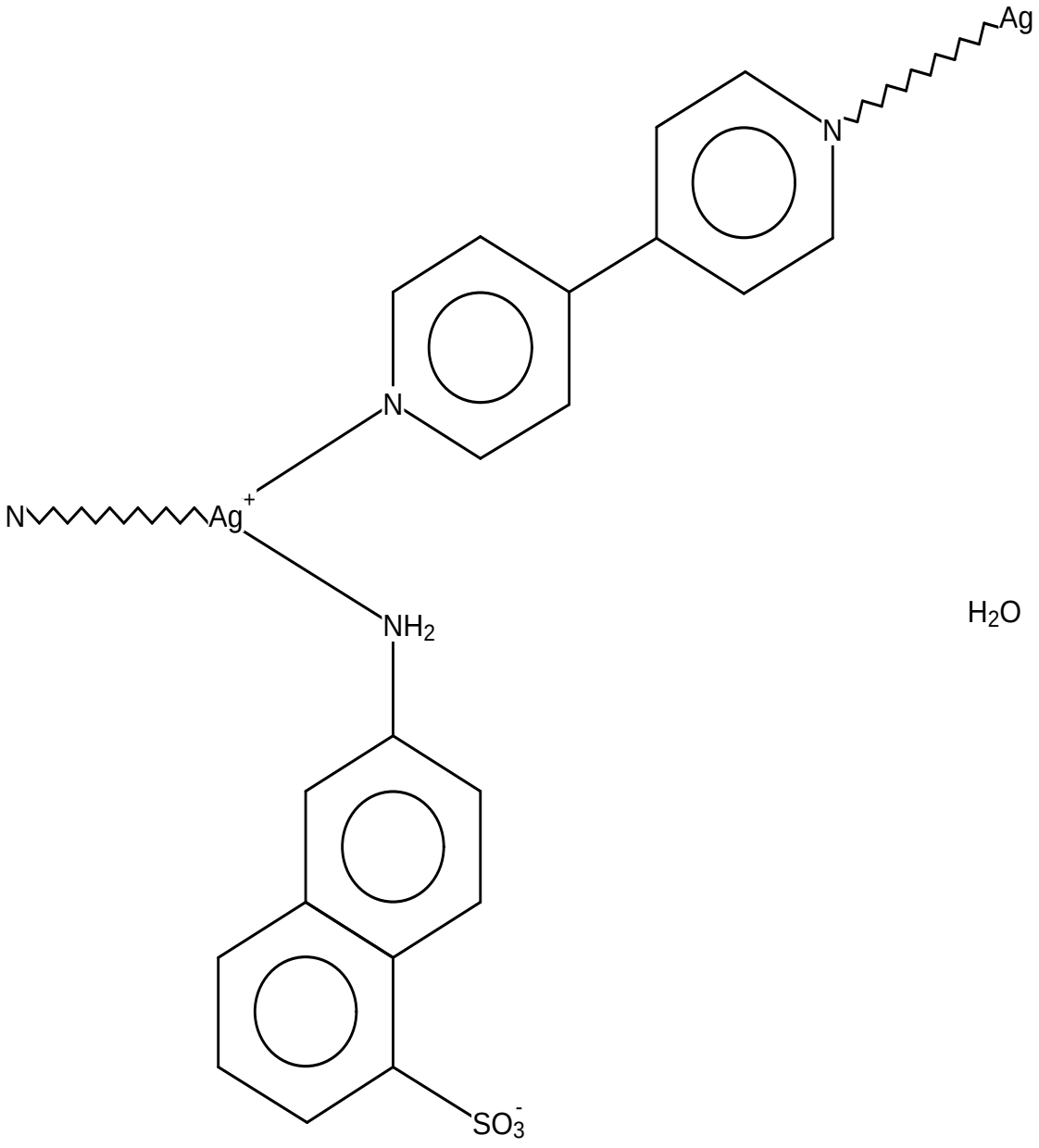
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{20}\ H_{16}\ Ag_1\ N_3\ O_3\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(6-amino-1-naphthalenesulfonate-N)-silver(i) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	11.089(2)	***b***	15.699(3)	***c*** 11.355(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	106.39(3)	γ 90.00

R-Factor (%): 2.94 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.766



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1204

KOHTOR

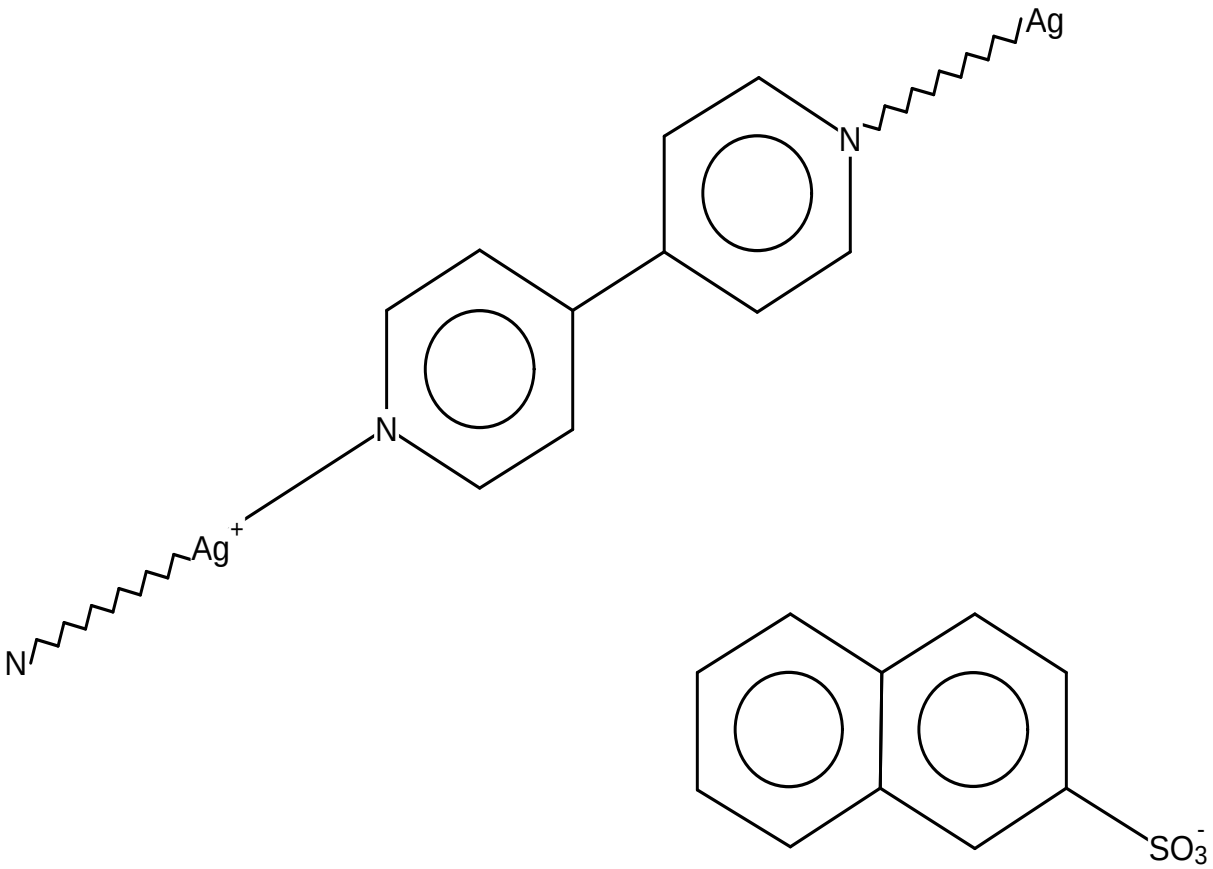
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_{10}\ H_7\ O_3\ S_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-silver(i) 2-naphthalenesulfonate dihydrate)

Space Group:	Fdd2	***Cell:***	***a***	21.952(4)	***b***	30.898(7)	***c***	11.369(5)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.748



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1205

KOHTUX

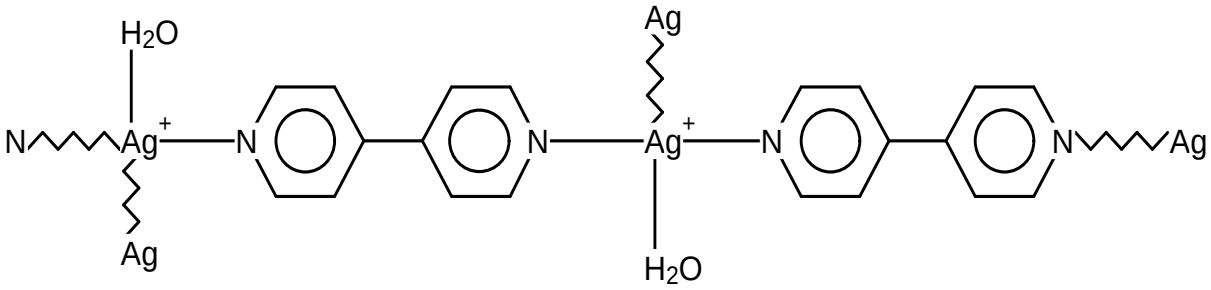
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

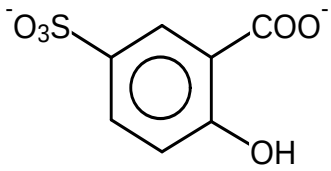
Formula: $(C_{20}\ H_{20}\ Ag_2\ N_4\ O_2\ ^{2+})n,n(C_7\ H_4\ O_6\ S_1\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_2$-4,4'-Bipyridyl)-diaqua-di-silver(i) (5-sulfonylsalicylate) monohydrate)

Space Group:	P21/m	***Cell:***	***a***	7.362(0)	***b*** 17.614(4)	***c***	11.267(2)
Space Group No.:	11	***(Å,°)***	α	90.00	β 108.06(3)	γ	90.00

R-Factor (%): 2.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.909





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1206

KOHVAF

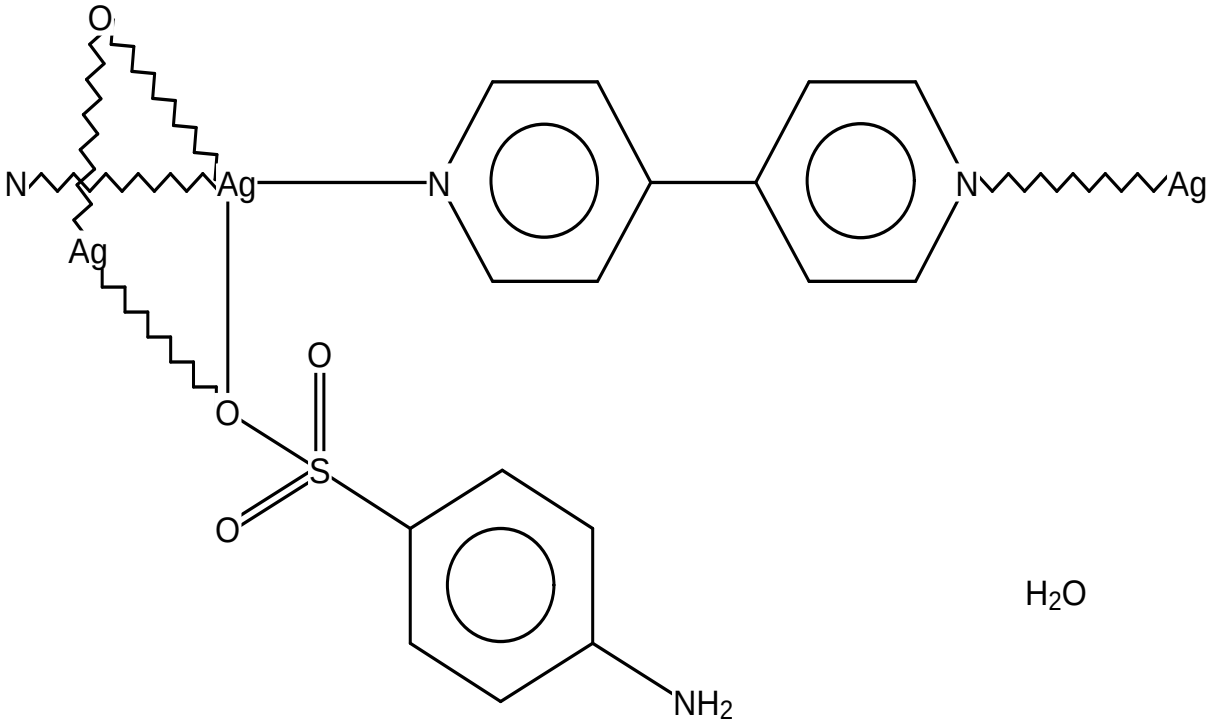
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{16}\ H_{14}\ Ag_1\ N_3\ O_3\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4-Aminobenzenesulfonato-O,O)-(μ_2-4,4'-bipyridyl)-silver(i) monohydrate)

Space Group:	P-1	***Cell:***	***a*** 9.992(2)	***b*** 10.059(1)	***c*** 10.216(2)
Space Group No.:	2	***(Å,°)***	α 103.93(3)	β 111.48(1)	γ 103.55(1)

R-Factor (%): 3.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.741



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1207

KOHVEJ

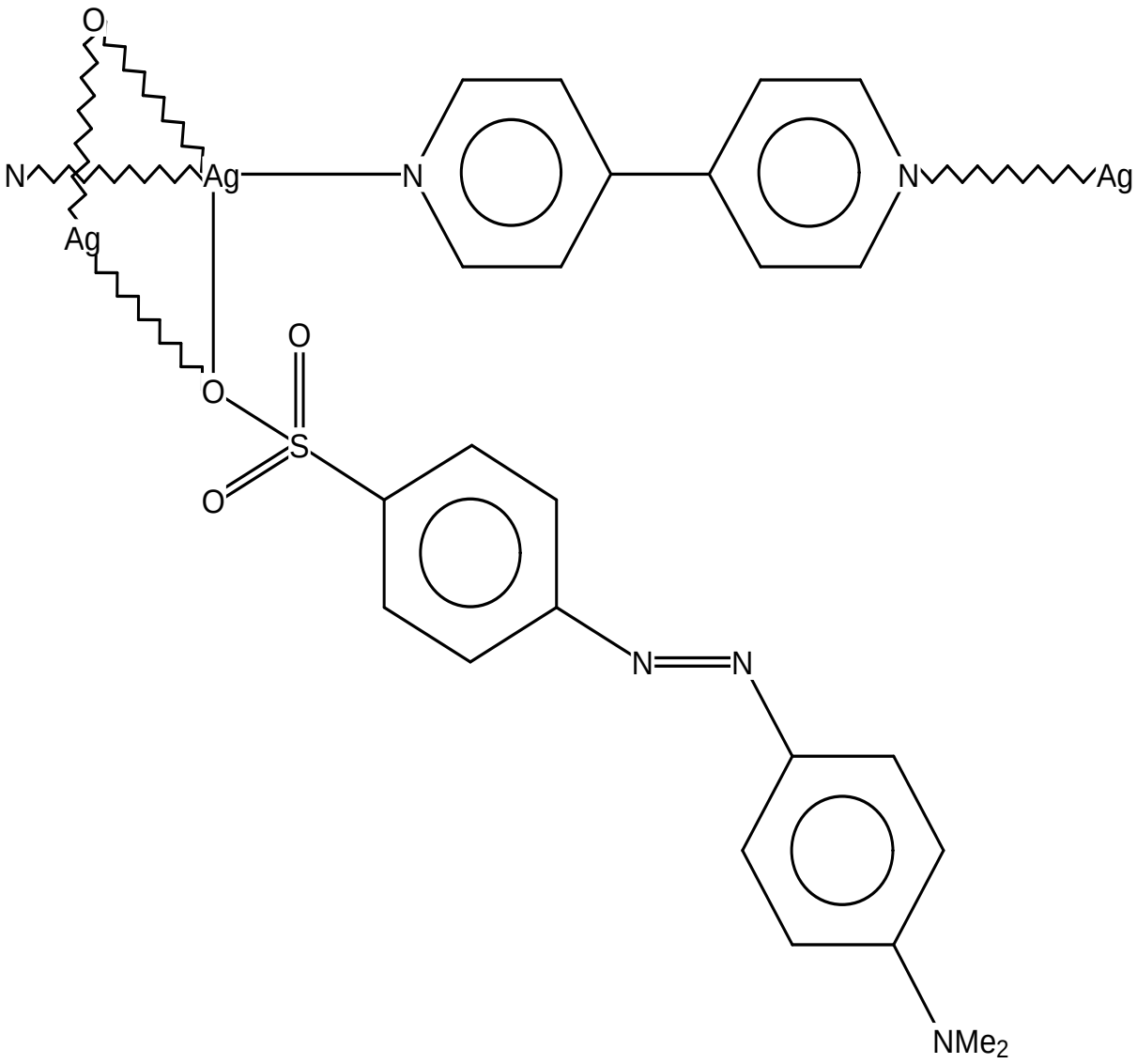
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{24}\ H_{22}\ Ag_1\ N_5\ O_3\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-4-(4-(dimethylamino)phenylhydrazono) benzenesulfonato-O,O)-silver(i))

Space Group:	P-1	***Cell:***	***a***	8.241(2)	***b***	11.441(2)	***c*** 13.314(3)
Space Group No.:	2	***(Å,°)***	α	76.90(3)	β	82.36(3)	γ 71.57(3)

R-Factor (%): 4.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.631



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1208

KOHVIN

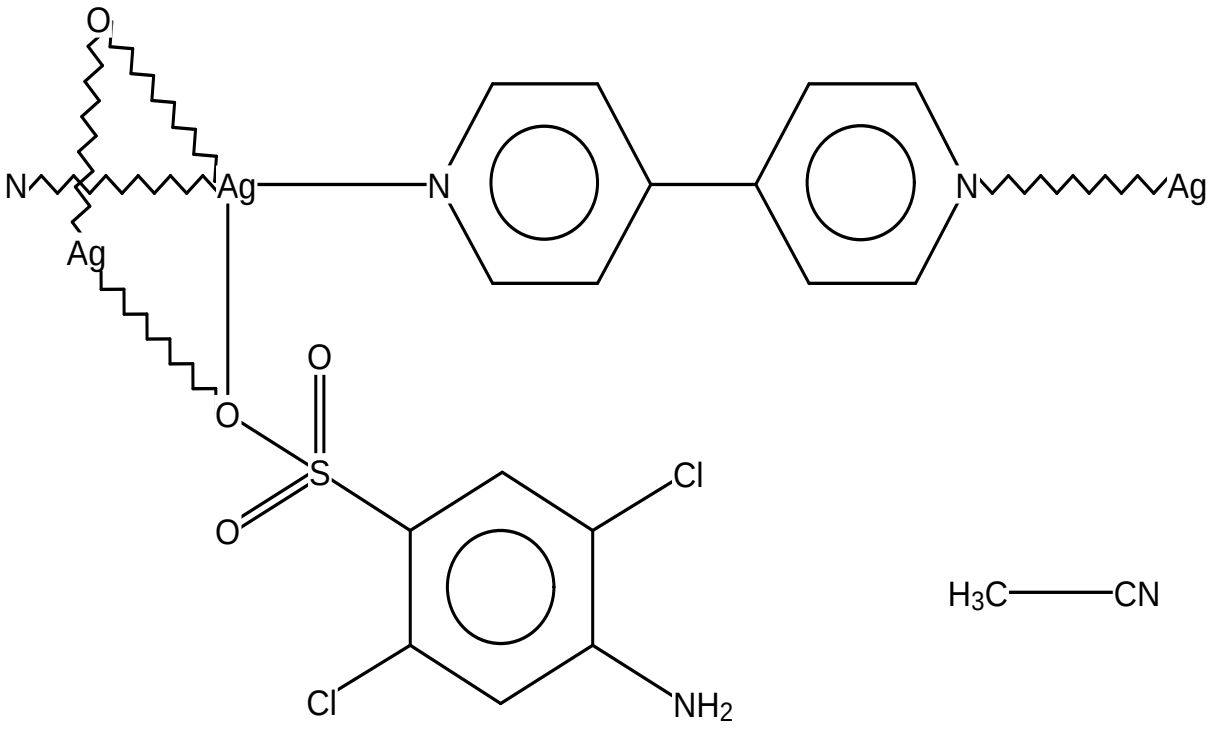
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{16}\ H_{12}\ Ag_1\ Cl_2\ N_3\ O_3\ S_1)n,0.5n(C_2\ H_3\ N_1)$

Compound Name: catena-((μ_2-4-Amino-2,5-dichlorobenzenesulfonato)-(μ_2-4,4'-bipyridyl)-silver(i) acetonitrile solvate)

Space Group:	P21/n	***Cell:***	***a***	12.249(4)	***b*** 7.917(6)	***c***	19.309(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 90.56(0)	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.865



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1209

KOHVOT

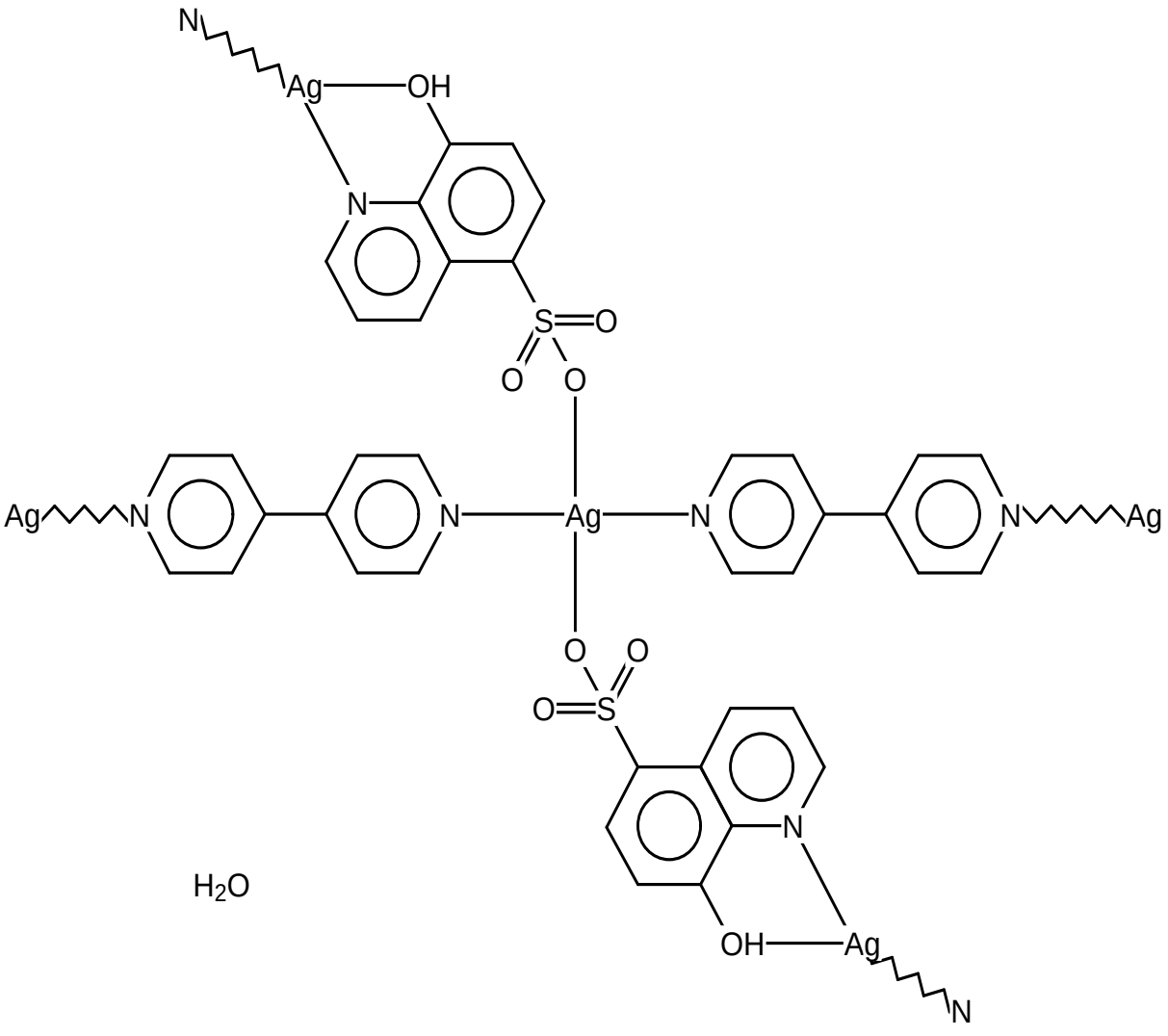
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{38}\ H_{28}\ Ag_3\ N_6\ O_8\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-8-Hydroxyquinoline-5-sulfonato-N,O,O')-bis(μ_2-4,4'-bipyridyl)-tri-silver(i) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	16.818(5)	***b***	13.215(5)	***c***	16.947(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.99(0)	γ	90.00

R-Factor (%): 2.63 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.983



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1210

KOHVUZ

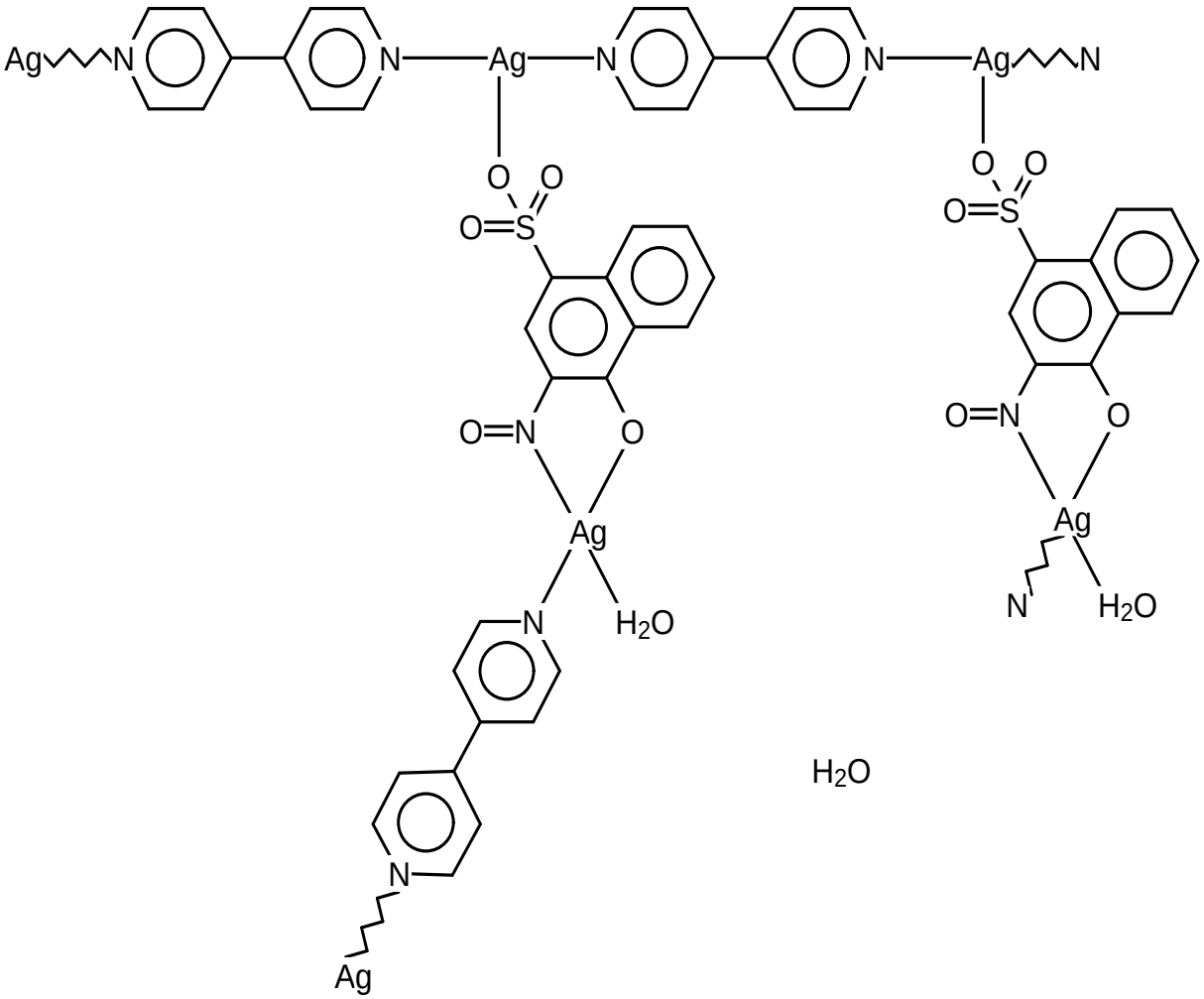
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{50}\ H_{38}\ Ag_4\ N_8\ O_{12}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-bis(μ_2-2-nitrosyl-1-oxynaphthalene-4-sulfonato-N,O,O')-tetra-silver(i) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.929(2)	***b***	10.597(2)	***c***	13.095(3)
Space Group No.:	2	***(Å,°)***	α	79.59(2)	β	80.74(3)	γ	67.55(3)

R-Factor (%): 3.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.965



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1211

KOHWAG

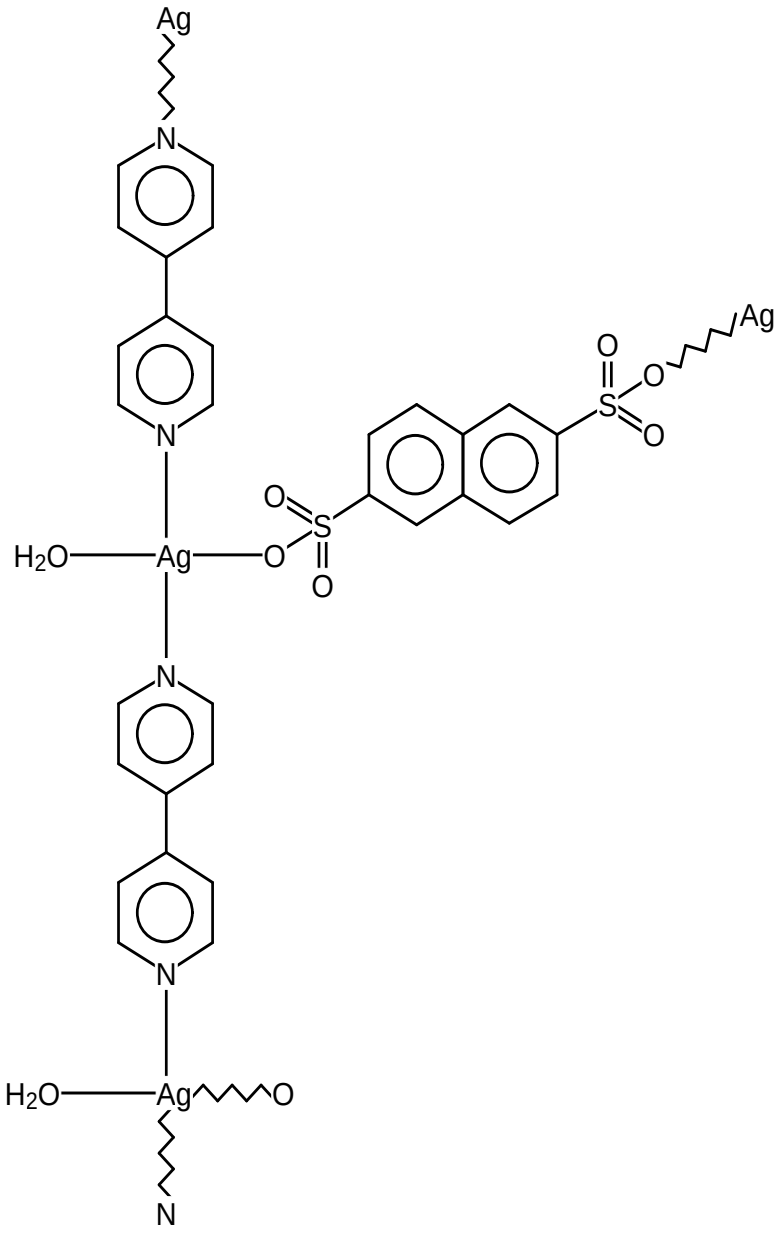
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{30}\ H_{26}\ Ag_2\ N_4\ O_8\ S_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-(μ_2-naphthalene-2,6-disulfonato-O,O')-diaqua-di-silver(i))

Space Group:	P21/c	***Cell:***	***a***	18.944(4)	***b*** 11.431(2)	***c***	13.951(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.24(3)	γ	90.00

R-Factor (%): 7.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.900



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1212

KOHWEK

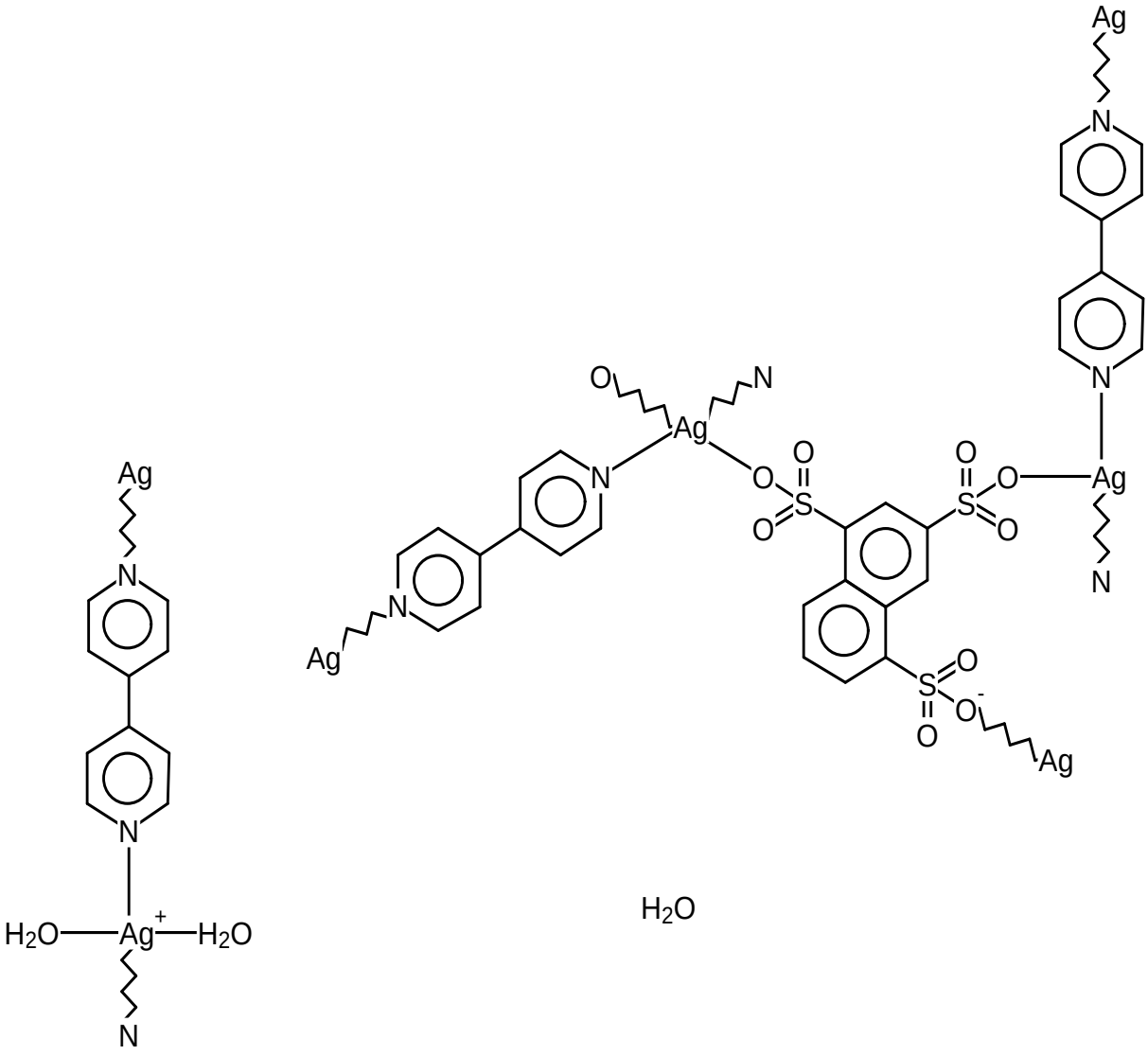
Reference: Hua Wu, Xian-Wu Dong, Hai-Yan Liu, Jian-Fang Ma, Shun-Li Li, Jin Yang, Ying-Ying Liu, Zhong-Min Su (2008) *Dalton Trans.* ,5331

Formula: $(C_{30}\ H_{21}\ Ag_2\ N_4\ O_9\ S_3\ ^{1-})n,n(C_{10}\ H_{12}\ Ag_1\ N_2\ O_2\ ^{1+}),3.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-silver(i) (μ_3-naphthalene-1,3,5-trisulfonato)-bis(μ_2-4,4'-bipyridyl)-di-silver(i) hydrate)

Space Group:	Cc	***Cell:***	***a***	11.809(2)	***b***	18.114(4)	***c*** 20.703(4)
Space Group No.:	9	***(Å,°)***	α	90.00	β	95.88(3)	γ 90.00

R-Factor (%): 3.06 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.895



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1213

KOHXIP

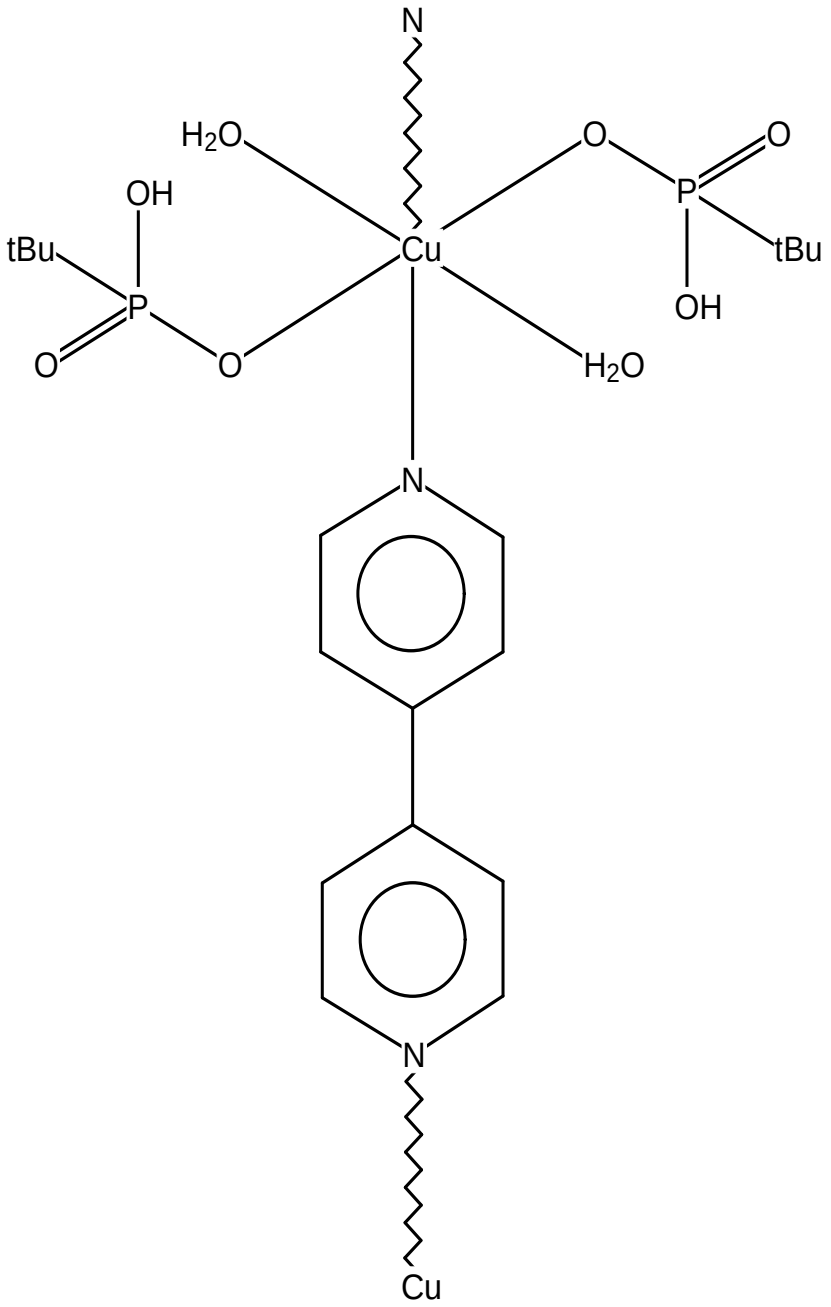
Reference: R.Murugavel, S.Shanmugan (2008) *Dalton Trans.* ,5358

Formula: $(C_{18}\ H_{32}\ Cu_1\ N_2\ O_8\ P_2)n$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridyl)-diaqua-bis(t-butyl(hydrogen) phosphonato-O)-copper(ii))

Space Group:	P-1	***Cell:***	***a***	6.746(1)	***b***	9.095(1)	***c*** 9.999(3)
Space Group No.:	2	***(Å,°)***	α	78.90(2)	β	81.43(2)	γ 74.33(2)

R-Factor (%): 2.89 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1214

KOHXOV

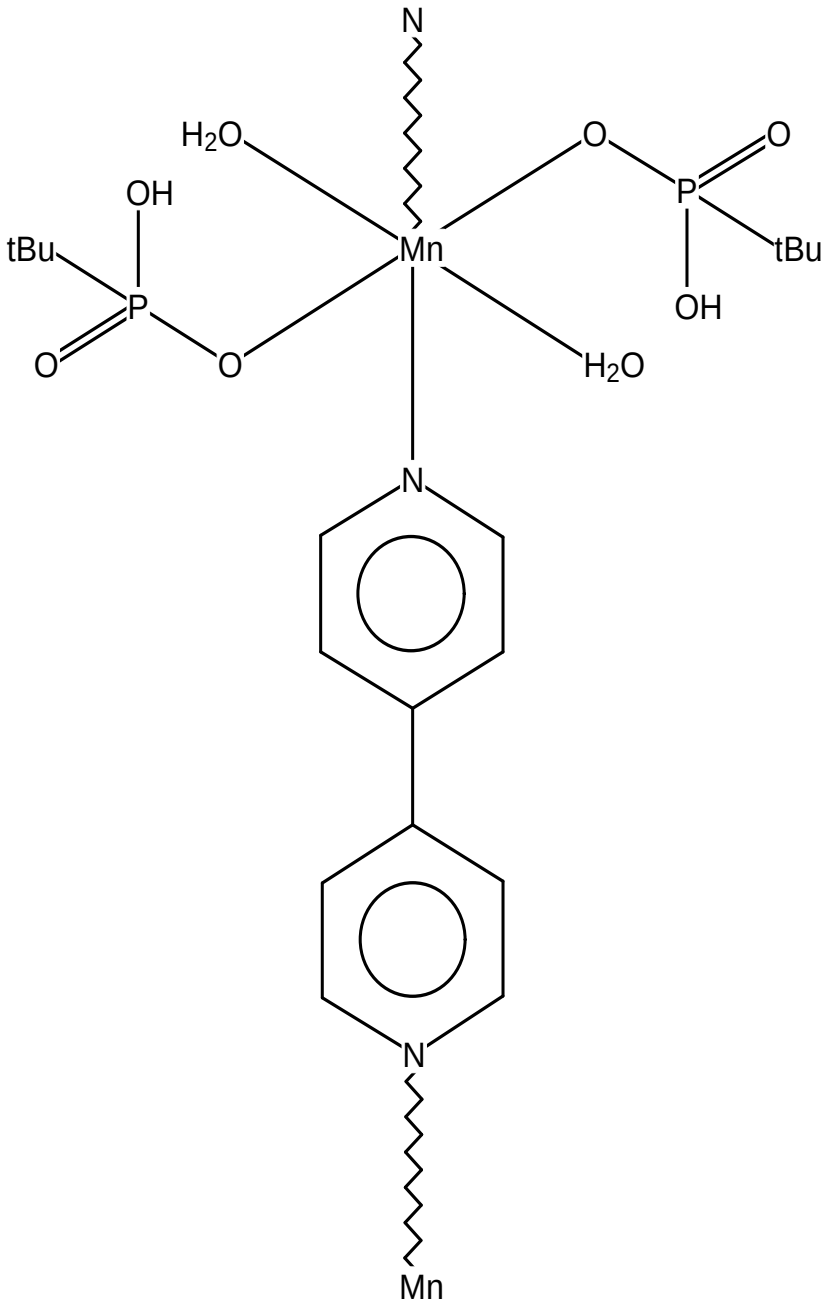
Reference: R.Murugavel, S.Shanmugan (2008) *Dalton Trans.* ,5358

Formula: $(C_{18}\ H_{32}\ Mn_1\ N_2\ O_8\ P_2)n$

Compound Name: catena-(trans-(μ_2-4,4'-Bipyridyl)-diaqua-bis(t-butyl(hydrogen) phosphonato-O)-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	6.657(1)	***b***	8.896(2)	***c*** 10.671(2)
Space Group No.:	2	***(Å,°)***	α	76.67(2)	β	81.43(1)	γ 79.53(2)

R-Factor (%): 3.14 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.441



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1215

KOHXUB

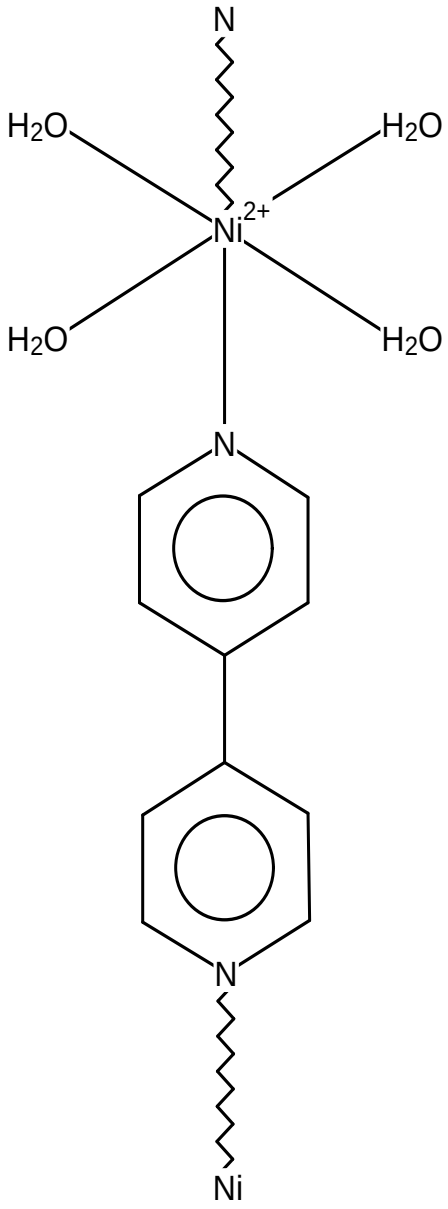
Reference: R.Murugavel, S.Shanmugan (2008) *Dalton Trans.* ,5358

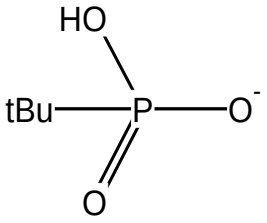
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,2n(C_4\ H_{10}\ O_3\ P_1\ ^{1-}),0.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-tetra-aqua-nickel(ii) bis(t-butyl(hydrogen) phosphonate) hemihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.517(1)	***b*** 16.066(1)	***c***	15.837(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.45(1)	γ	90.00

R-Factor (%): 14.61 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.379





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1216

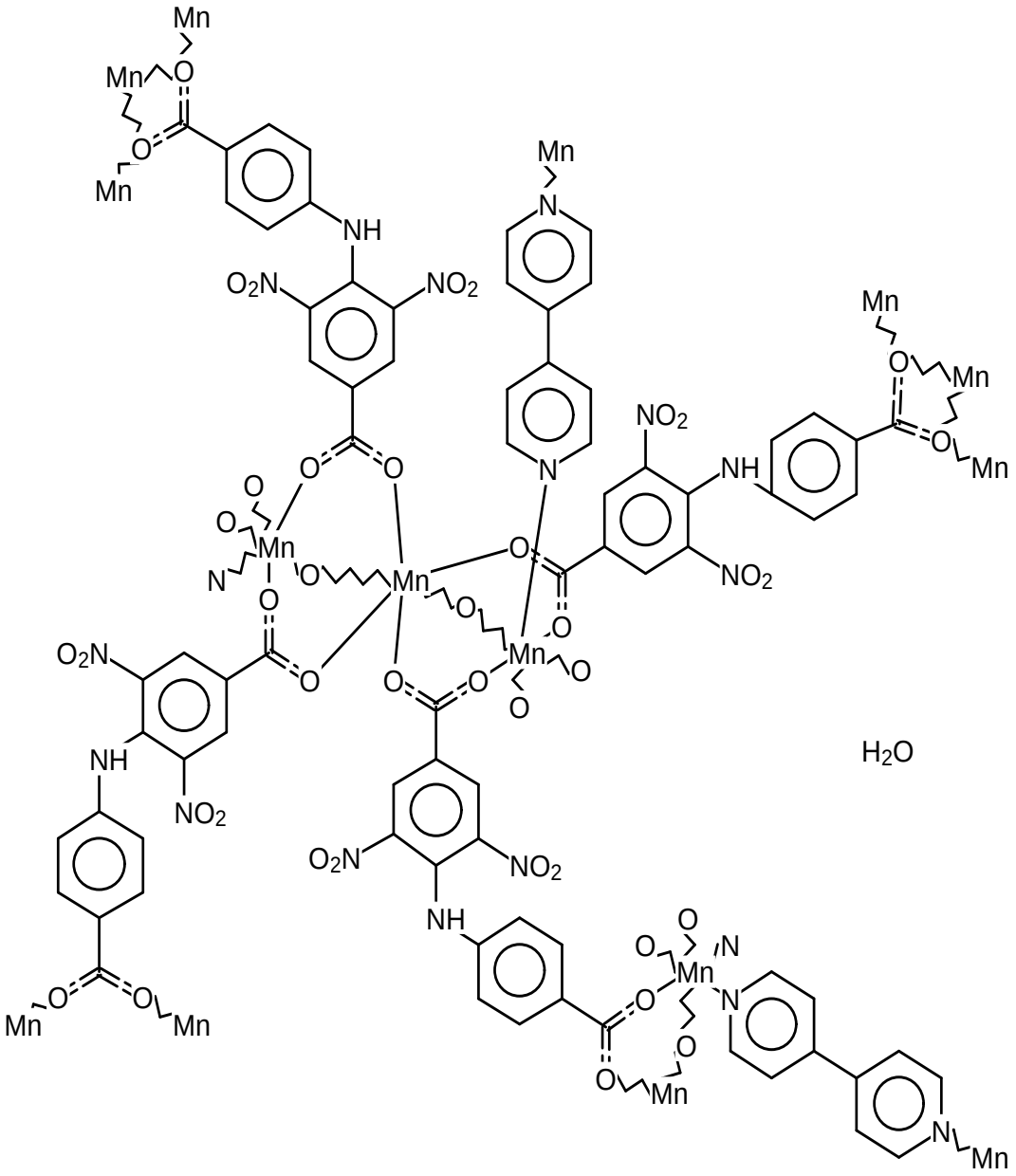
KOJDET

Reference: Wei Li, Hong-Peng Jia, Zhan-Feng Ju, Jie Zhang (2008)
Dalton Trans. ,5350

Formula: $(C_{76}\ H_{44}\ Mn_4\ N_{16}\ O_{32})n,4.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-4-(4-carboxyphenylamino)-3,5-dinitrobenzoato-O,O',O'')-bis(μ_4-4-(4-carboxyphenylamino)-3,5-dinitrobenzoato-O,O',O'')-bis(μ_2-4,4'-bipyridine)-tetra-manganese hydrate)

Space Group:	C2/c	***Cell:***	***a***	26.715(1)	***b*** 12.917(0)	***c***	25.990(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.05(0)	γ	90.00
R-Factor (%):	6.23	***Temperature(K):***	293		***Density(g/cm^3):***		1.617



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1217

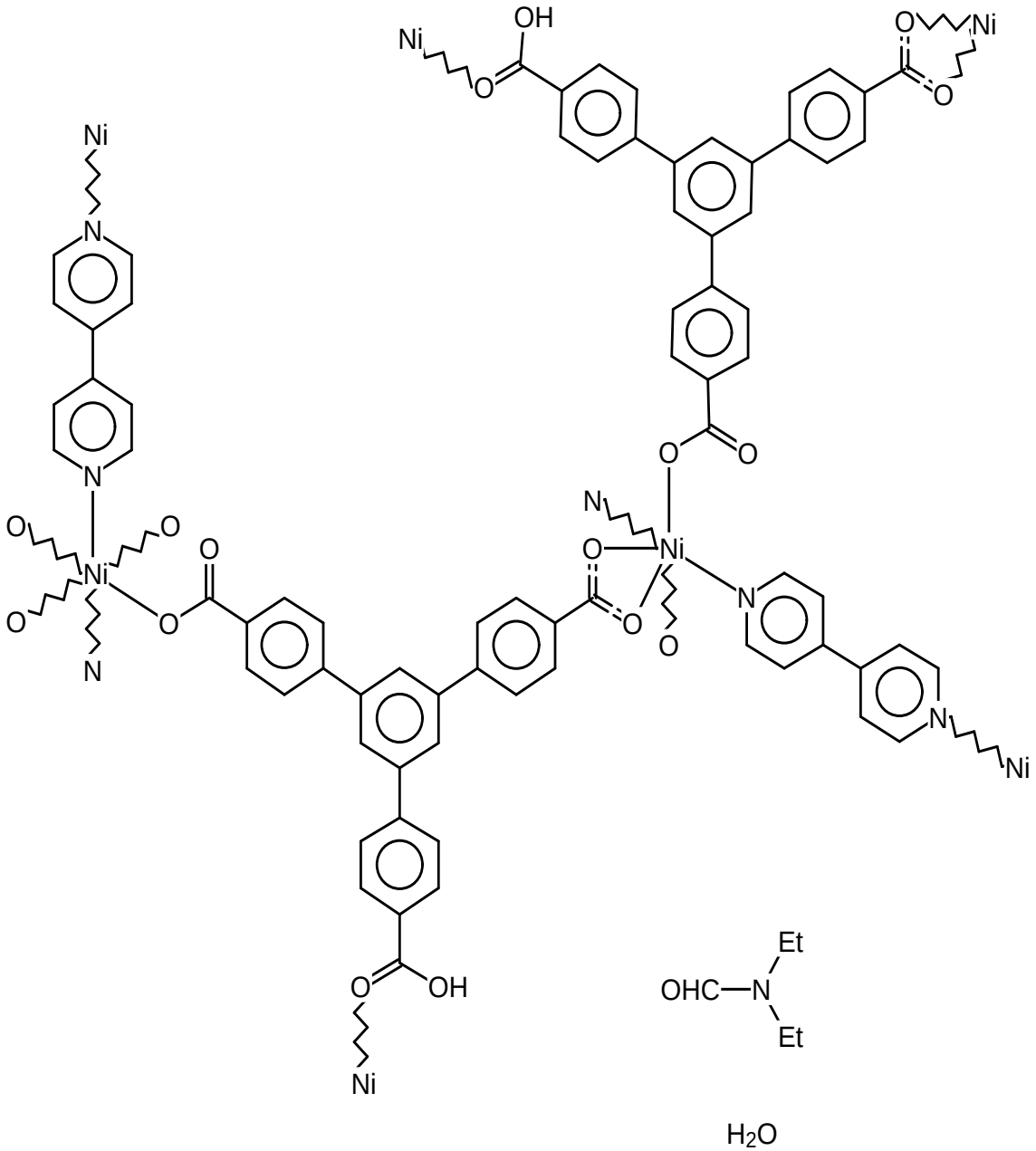
KOLWAK

Reference: R.Heck, J.Bacsa, J.E.Warren, M.J.Rosseinsky, D.Bradshaw (2008) *CrystEngComm* ,**10,**1687

Formula: $(C_{74}\ H_{48}\ N_4\ Ni_2\ O_{12})n,n(C_5\ H_{11}\ N_1\ O_1),2.6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Hydrogen benzene-1,3,5-tribenzoato)-bis(μ_2-4,4'-bipyridine-N,N')-di-nickel N,N-diethylformamide hydrate clathrate)

Space Group:	P21/n	***Cell:***	***a***	14.466(1)	***b***	30.099(4)	***c***	16.497(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.87(0)	γ	90.00
R-Factor (%):	7.64	***Temperature(K):***	100		***Density(g/cm^3):***		1.342	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1218

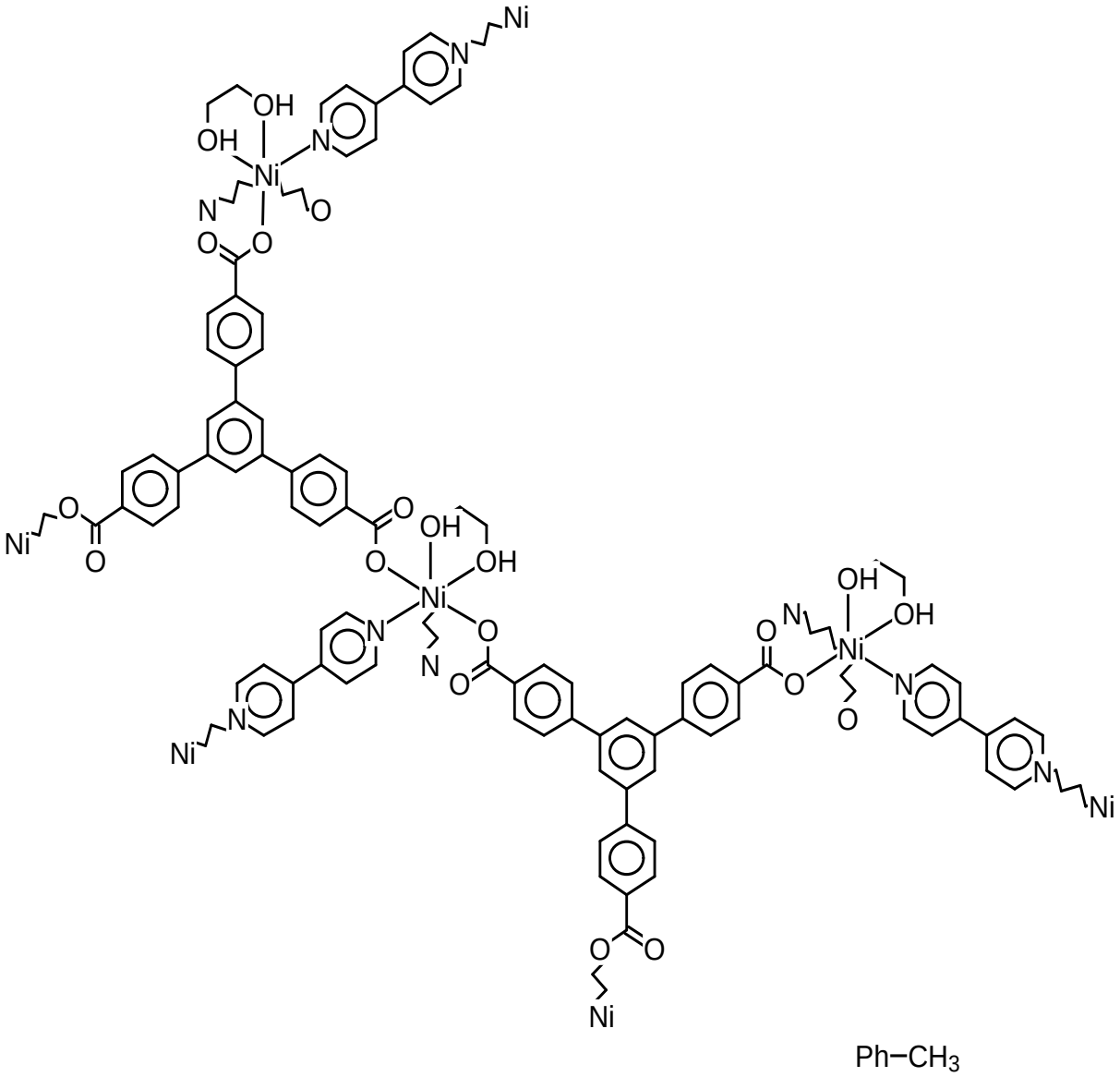
KOLWEO

Reference: R.Heck, J.Bacsa, J.E.Warren, M.J.Rosseinsky, D.Bradshaw (2008) *CrystEngComm* ,**10,**1687

Formula: $(C_{90}\ H_{72}\ N_6\ Ni_3\ O_{18})n,3n(C_7\ H_8)$

Compound Name: catena-(bis(μ_3-Benzene-1,3,5-tris(4-benzoato))-tris(ethyleneglycol-O,O') -tri-nickel tris(toluene) clathrate)

Space Group:	R-3c	***Cell:***	***a***	31.053(2)	***b***	31.053(2)	***c*** 16.903(1)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	5.68	***Temperature(K):***	100		***Density(g/cm^3):***		1.396



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1219

KOLWOY

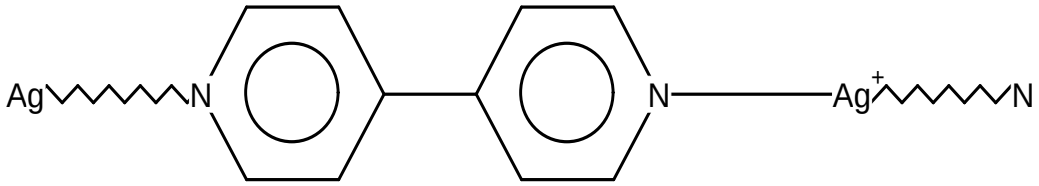
Reference: Yu-Ling Wang, Qing-Yan Liu, Li Xu (2008)
CrystEngComm ,**10,**1667

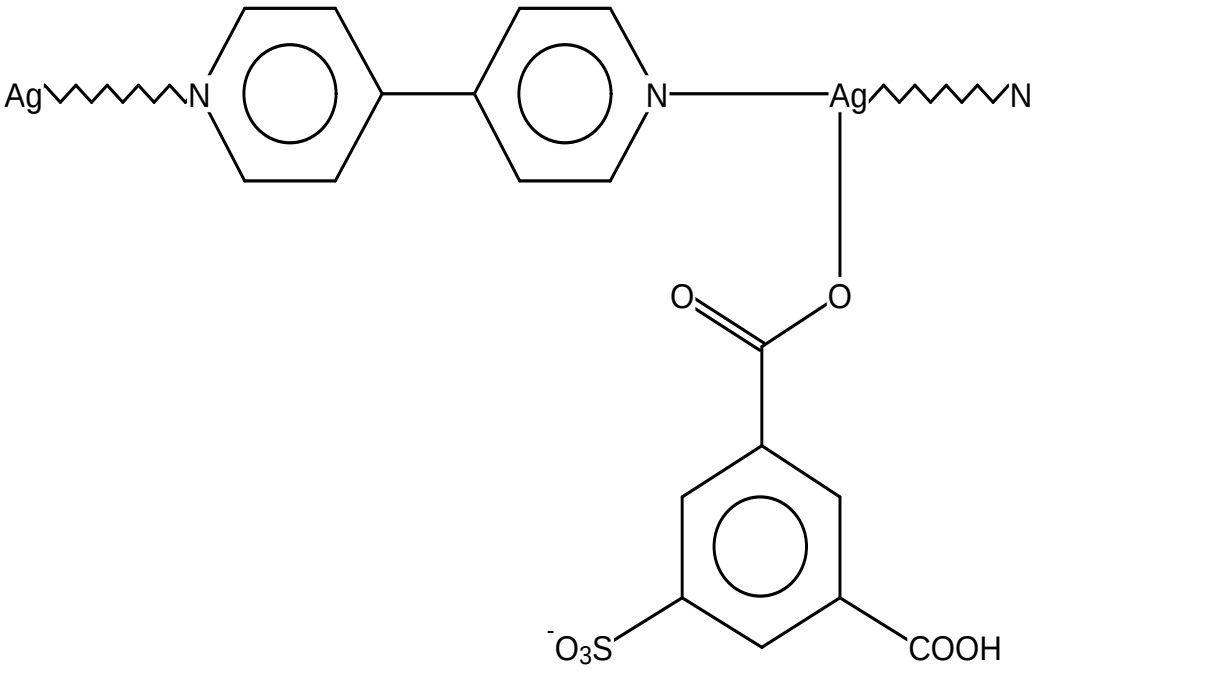
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_{18}\ H_{12}\ Ag_1\ N_2\ O_7\ S_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-silver(i) (μ_2-4,4'-bipyridine-N,N')-(hydrogen 5-sulfonatoisophthalato-O)-silver(i) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	18.303(0)	***b***	11.407(0)	***c***	13.708(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.44(0)	γ	90.00

R-Factor (%):	6.62	***Temperature(K):***	273	***Density(g/cm^3):***	1.878





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1220

KOYKUE

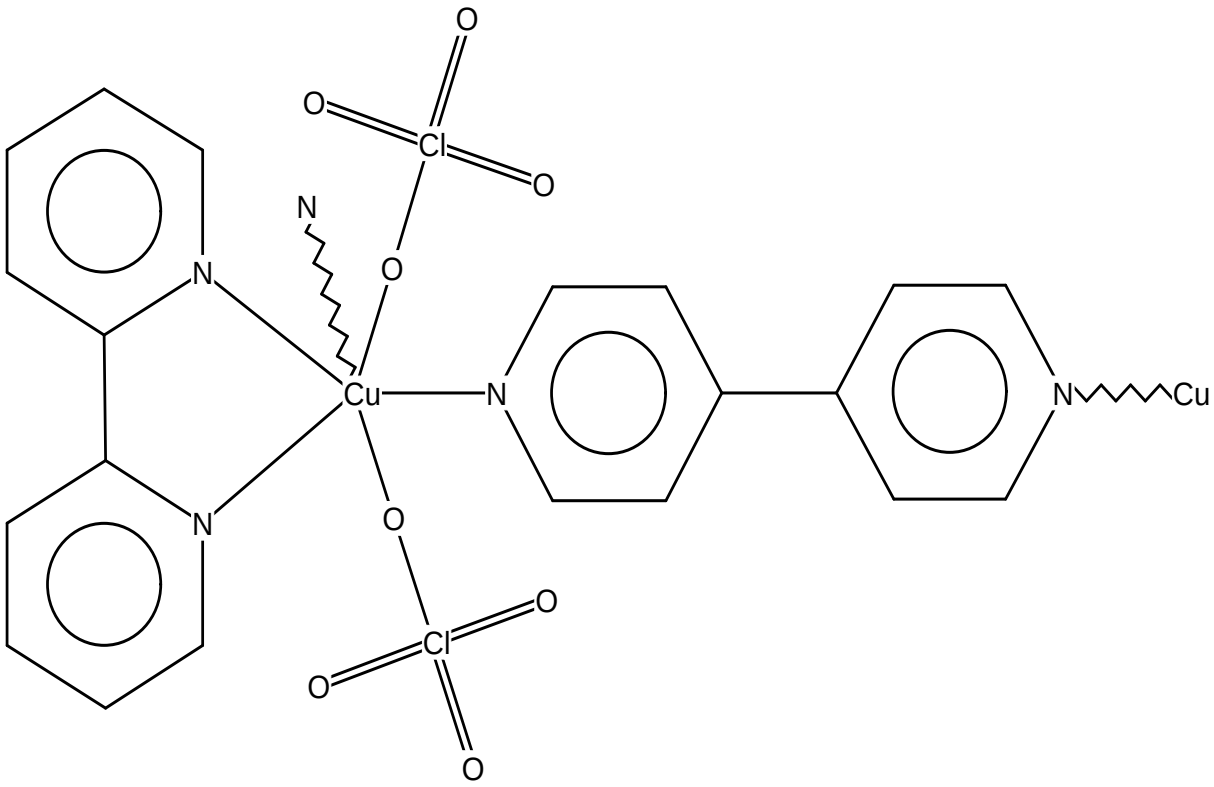
Reference: C.Chen, D.Xu, Y.Xu, C.Cheng, R.Ling (1992)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**48,**1231

Formula: $(C_{20}\ H_{16}\ Cl_2\ Cu_1\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(2,2'-bipyridyl)-bis(perchlorato)-copper(ii))

Space Group:	Pbcn	***Cell:***	***a***	12.413(3)	***b***	14.645(3)	***c***	12.287(2)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.709



Search: search1 (Thu May 26 10:05:42 2011): Hit 1221

KOYKUE01

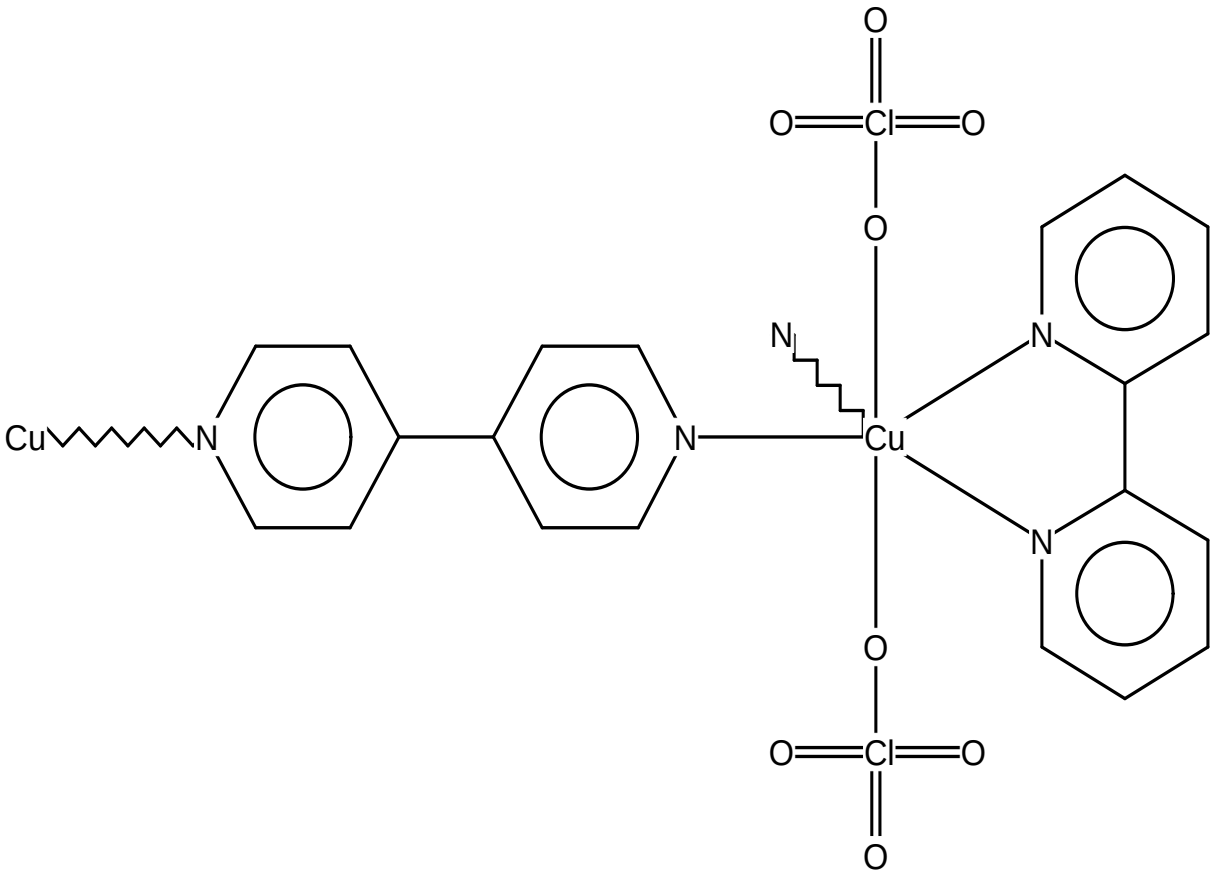
Reference: S.K.Chawla, M.S.Hundal, J.Kaur, S.Obrai (2001)
*Polyhedron ,***20,**2105

Formula: $(C_{20}\ H_{16}\ Cl_2\ Cu_1\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(2,2'-bipyridyl)-bis(perchlorato-O)-copper(ii))

Space Group:	Pbcn	***Cell:***	***a***	12.421(1)	***b***	14.660(2)	***c***	12.285(2)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.707



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1222

KOYKUE02

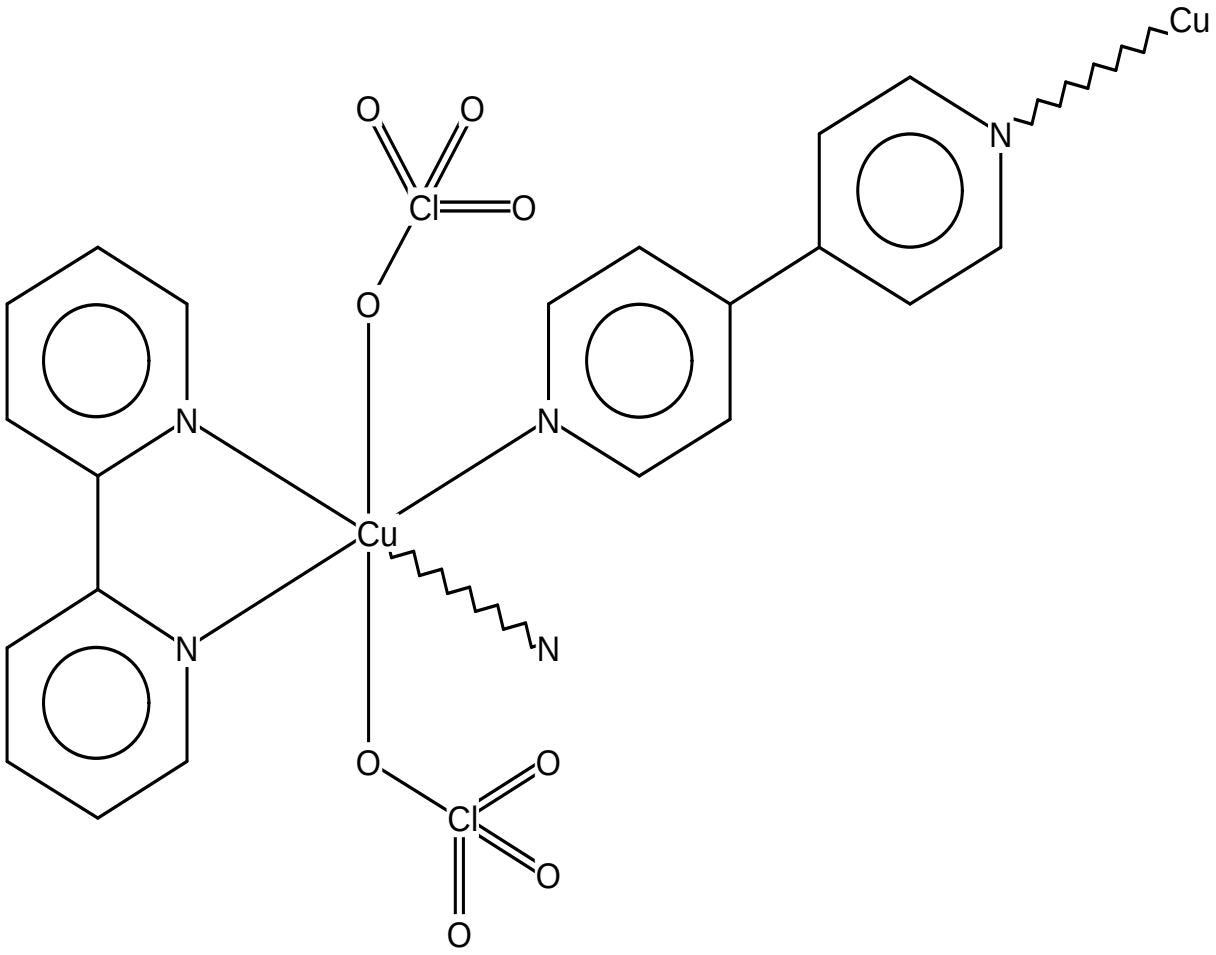
Reference: M.B.Hursthouse, S.J.Coles, M.J.Plater (2003)
Private Communication ,

Formula: $(C_{20}\ H_{16}\ Cl_2\ Cu_1\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(2,2'-bipyridyl)-bis(perchlorato-O)-copper)

Space Group:	Pbcn	***Cell:***	***a***	12.421(2)	***b***	14.673(3)	***c***	12.290(2)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.38 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.705



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1223

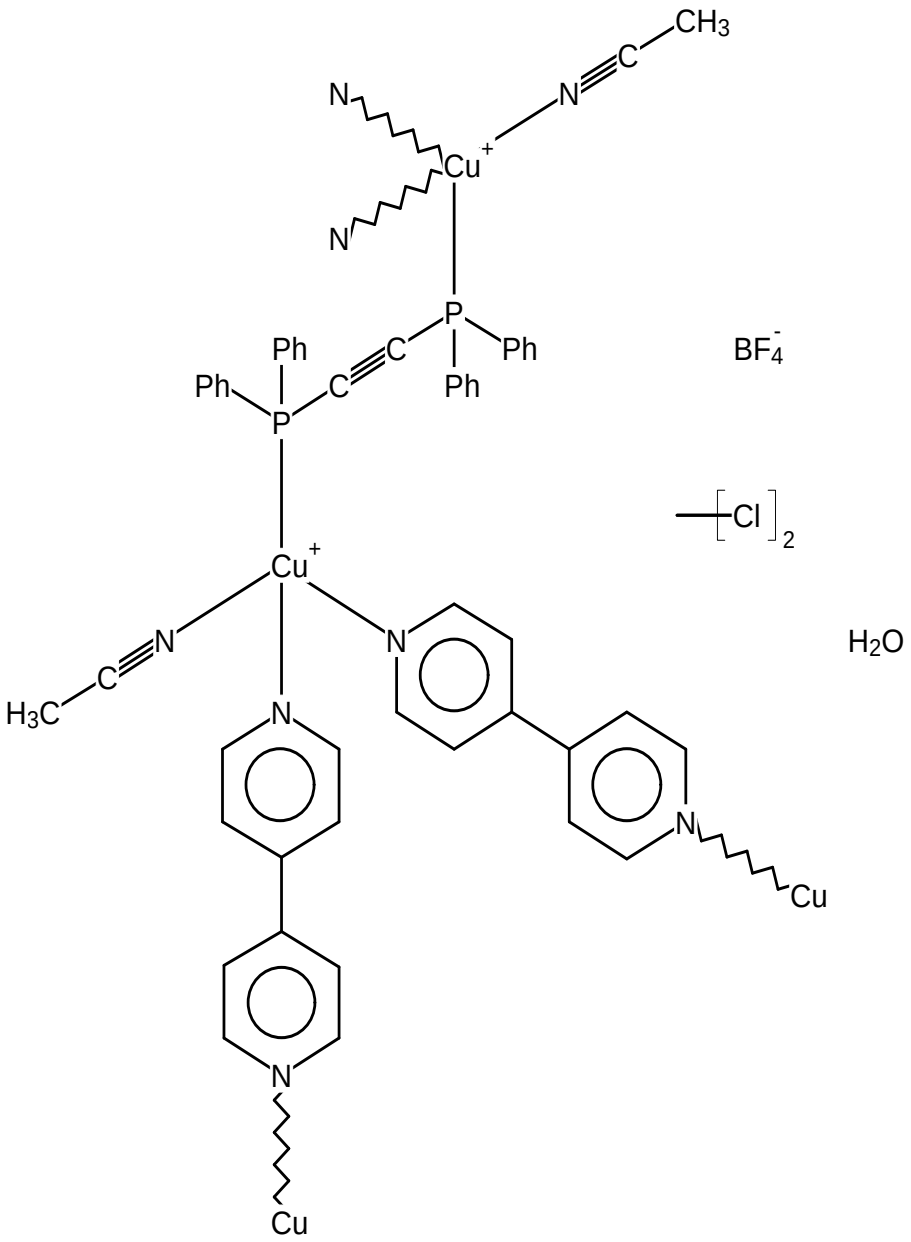
KUBPON

Reference: Yu-Chiao Liu, Wen-Yann Yeh, Gene-Hsiung Lee, Ting-Shen Kuo (2009) *Inorg.Chim.Acta* ,**362,**3595

Formula: $(C_{50}\ H_{42}\ Cu_2\ N_6\ P_2\ ^{2+})n,2n(B_1\ F_4\ ^{1-}),4n(C_1\ H_2\ Cl_2),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-1,2-bis(diphenylphosphino) acetylene-P,P')-bis(acetonitrile)-di-copper(i) bis(tetrafluoroborate) dichloromethane solvate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	11.789(0)	***b***	12.000(0)	***c***	13.474(0)
Space Group No.:	2	***(Å,°)***	α	79.30(0)	β	67.77(0)	γ	74.52(0)
R-Factor (%):	8.42	***Temperature(K):***	200	***Density(g/cm^3):***	1.473			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1224

KUBPUT

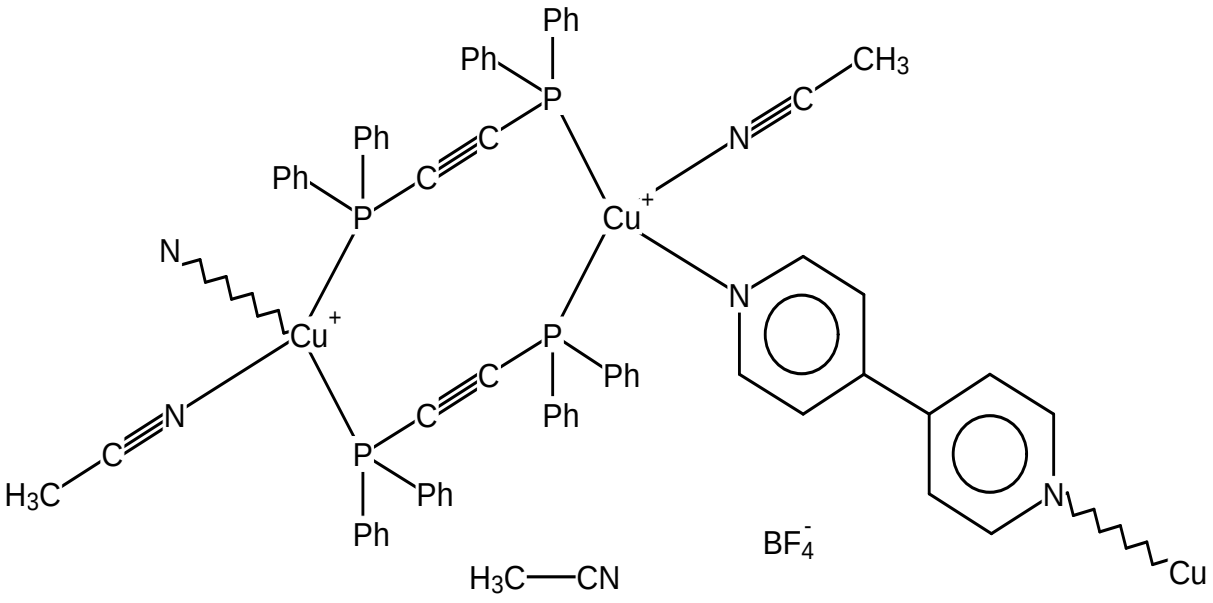
Reference: Yu-Chiao Liu, Wen-Yann Yeh, Gene-Hsiung Lee, Ting-Shen Kuo (2009) *Inorg.Chim.Acta* ,**362,**3595

Formula: $(C_{66}\ H_{54}\ Cu_2\ N_4\ P_4\ ^{2+})n,2n(B_1\ F_4\ ^{1-}),2n(C_2\ H_3\ N_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,2-bis(diphenylphosphino) acetylene-P,P')-bis(acetonitrile)-di-copper(i) bis(tetrafluoroborate) acetonitrile solvate)

Space Group:	P-1	***Cell:***	***a***	12.106(0)	***b***	12.643(0)	***c***	12.980(0)
Space Group No.:	2	***(Å,°)***	α	71.63(0)	β	89.59(0)	γ	63.65(0)

R-Factor (%): 4.75 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.403



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1225

KUBQAA

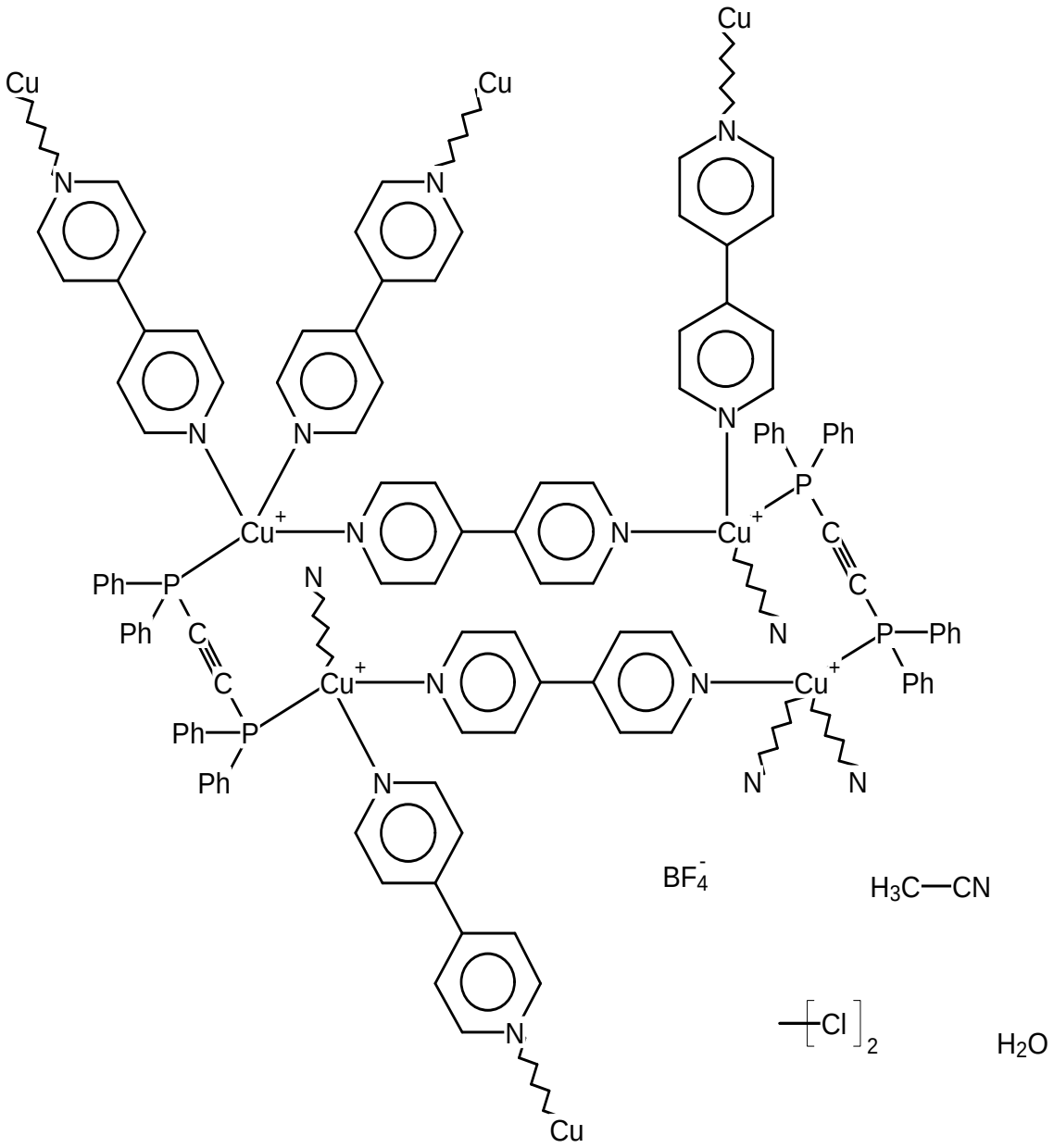
Reference: Yu-Chiao Liu, Wen-Yann Yeh, Gene-Hsiung Lee, Ting-Shen Kuo (2009) *Inorg.Chim.Acta* ,**362,**3595

Formula: $(C_{112}\ H_{88}\ Cu_4\ N_{12}\ P_4\ ^{4+})n,4n(B_1\ F_4\ ^{1-}),3n(C_2\ H_3\ N_1),2n(C_1\ H_2\ Cl_2),3n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,2-bis(diphenylphosphino)acetylene-P,P')-tetra-copper(i) tetrakis(tetrafluoroborate) acetonitrile dichloromethane solvate trihydrate)

Space Group:	Cc	***Cell:***	***a***	20.635(0)	***b*** 47.189(0)	***c***	17.940(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β 118.89(0)	γ	90.00

R-Factor (%): 10.35 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.161



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1226

KUFYAM

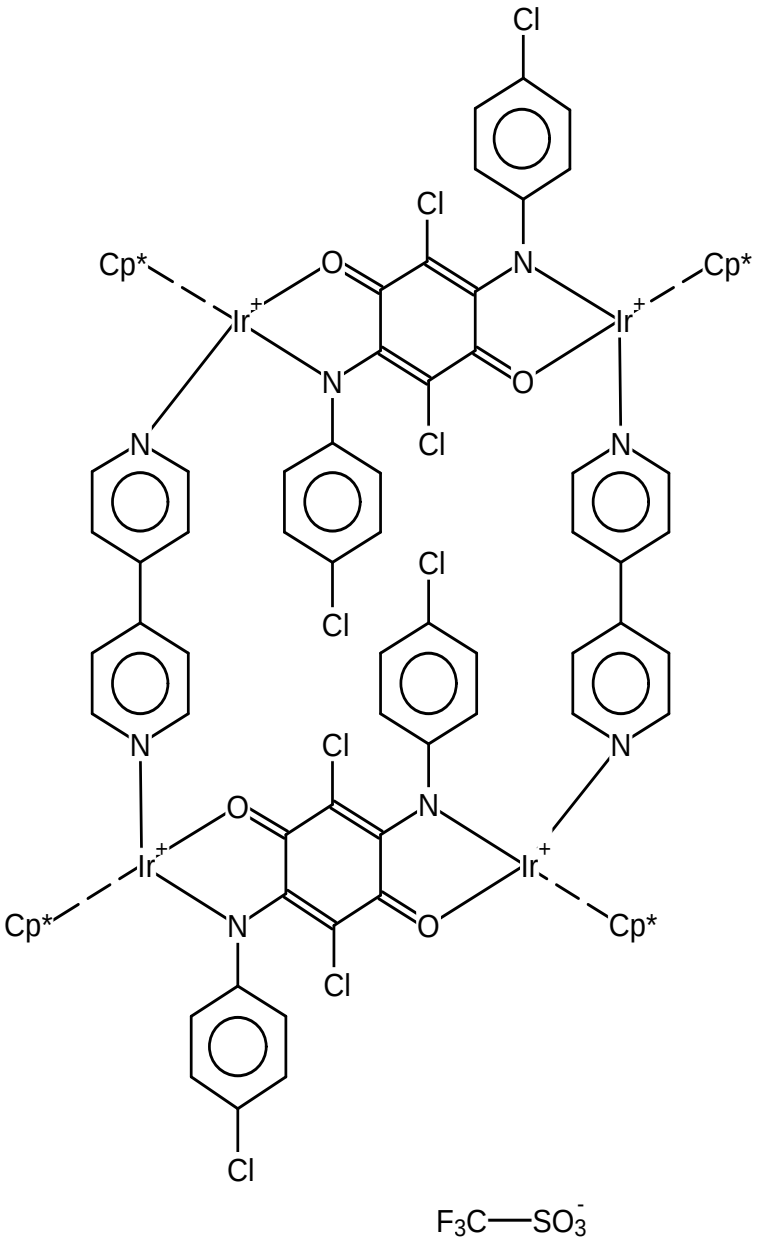
Reference: Wei-Guo Jia, Ying-Feng Han, Yue-Jian Lin, Lin-Hong Weng, Guo-Xin Jin (2009) *Organometallics ,***28,**3459

Formula: $C_{96}\ H_{92}\ Cl_8\ Ir_4\ N_8\ O_4\ ^{4+}, 4(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-2,5-bis(4'-chloroanilino)-3,6-dichloro-1,4-benzoquinone-N,N',O,O')-tetrakis(η^5-pentamethyl-cyclopentadienyl)-tetra-iridium tetrakis(trifluoromethanesulfonate)

Space Group:	Pbca	***Cell:***	***a***	24.014(6)	***b***	31.496(8)	***c***	35.049(9)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.539



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1227

KUFYEQ

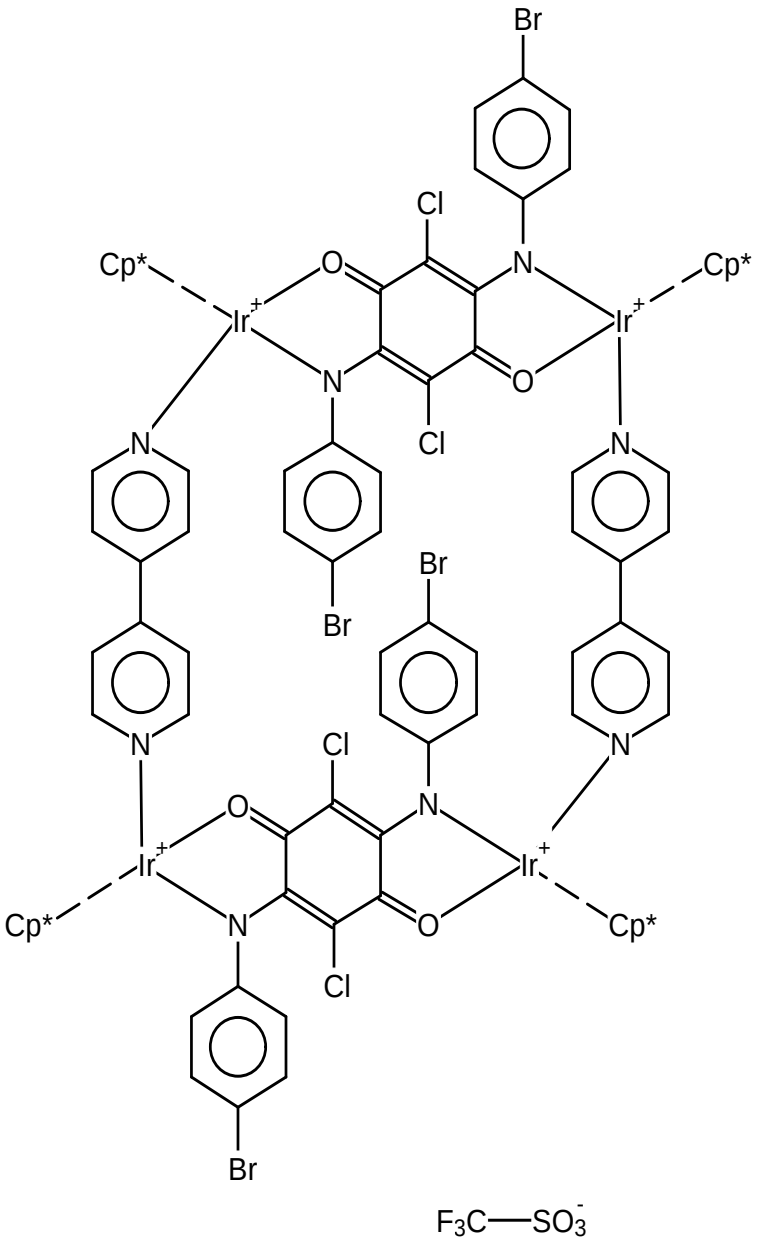
Reference: Wei-Guo Jia, Ying-Feng Han, Yue-Jian Lin, Lin-Hong Weng, Guo-Xin Jin (2009) *Organometallics ,***28,**3459

Formula: $C_{96}\ H_{92}\ Br_4\ Cl_4\ Ir_4\ N_8\ O_4\ ^{4+}, 4(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-2,5-bis(4'-bromoanilino)-3,6-dichloro-1,4-benzoquinone-N,N',O,O')-tetrakis(η^5-pentamethyl-cyclopentadienyl)-tetra-iridium tetrakis(trifluoromethanesulfonate)

Space Group:	Pbca	***Cell:***	***a***	24.131(17)	***b***	31.700(20)	***c***	35.120(20)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.606



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1228

KUHRAH

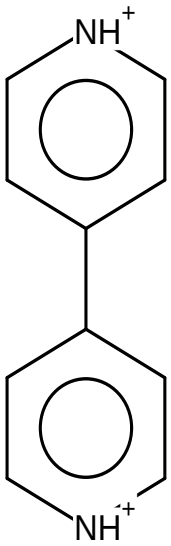
Reference: E.Redel, M.Fiederle, C.Janiak (2009) *Z.Anorg.Allg.Chem.* , **635,**1139

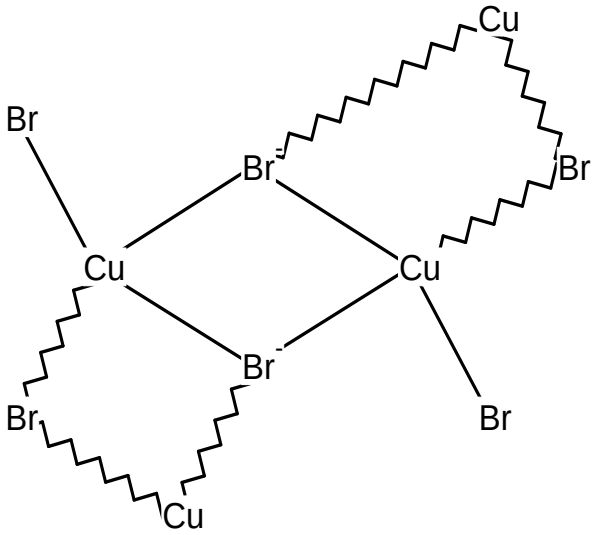
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Br_4\ Cu_2\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridin-1,1'-dium bis((μ$_2$-bromo)-(bromo))-di-copper(i))

Space Group:	P21/c	***Cell:***	***a***	4.016(0)	***b*** 14.039(0)	***c***	12.846(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 97.52(0)	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 203 ***Density(g/cm^3):*** 2.798





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1229

KUHYOC

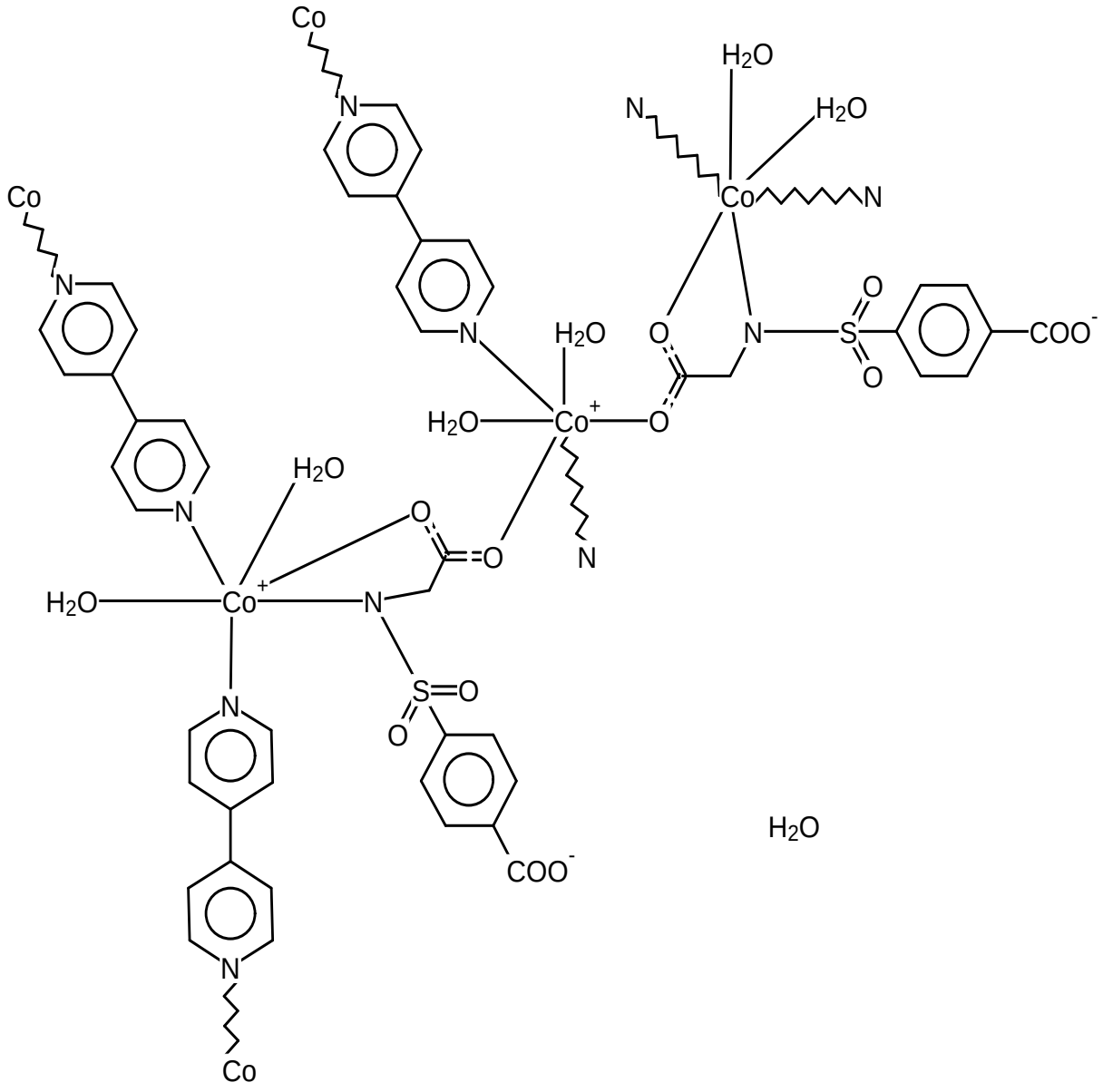
Reference: Lu-Fang Ma, Li-Ya Wang, Shu-Hui Chen, Hong-Wei Hou, S.R.Batten (2009) *Polyhedron ,***28,**2494

Formula: $(C_{48}\ H_{48}\ Co_3\ N_8\ O_{18}\ S_2)n,8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4-((Carboxymethyl)sulfamoyl)benzoate-N,O,O')-tris(μ_2-4,4'-bipyridine-N,N')-hexa-aqua-tri-cobalt(ii) octahydrate)

Space Group:	C2/c	***Cell:***	***a***	24.906(2)	***b*** 14.999(1)	***c***	17.326(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 117.20(0)	γ	90.00

R-Factor (%): 3.30 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.627



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1230

KUHYUI

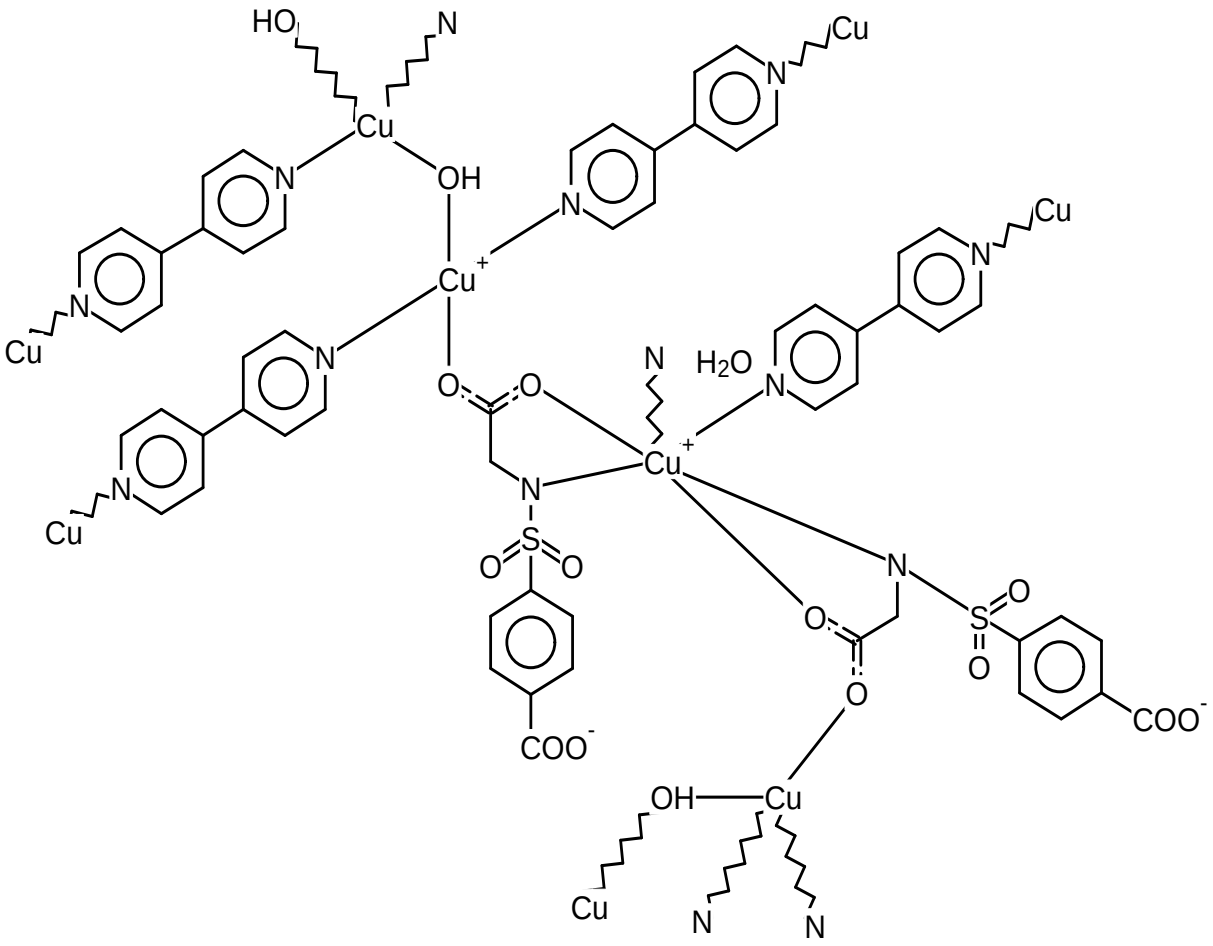
Reference: Lu-Fang Ma, Li-Ya Wang, Shu-Hui Chen, Hong-Wei Hou, S.R.Batten (2009) *Polyhedron ,***28,**2494

Formula: $(C_{58}\ H_{46}\ Cu_4\ N_{10}\ O_{14}\ S_2)n,12n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4-((Carboxymethyl)sulfamoyl)benzoate-N,O,O',O'',O''')-tetrakis(μ_2-4,4'-bipyridine)-bis(μ_2-hydroxo)-tetra-copper(ii) dodecahydrate)

Space Group:	P2/n	***Cell:***	***a***	16.948(3)	***b***	11.144(2)	***c***	17.273(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β	99.37(0)	γ	90.00

R-Factor (%):	5.59	***Temperature(K):***	291	***Density(g/cm^3):***	1.694



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1231

KULTUH

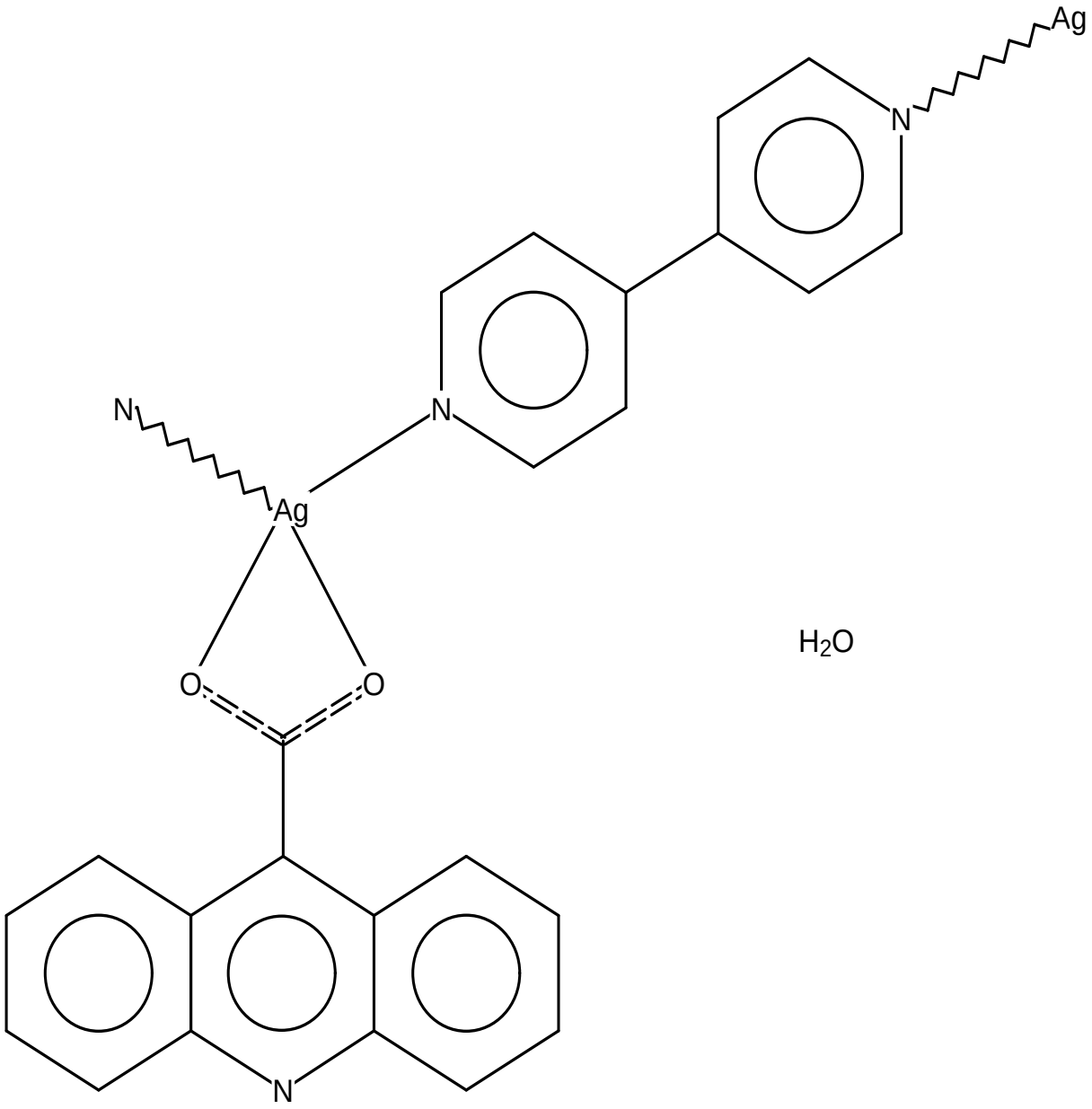
Reference: Qun Yu, Zi-Zhang Wei, Jian-Rong Li, Tong-Liang Hu (2009) *J.Mol.Struct.* ,**931,**68

Formula: $(C_{24}\ H_{16}\ Ag_1\ N_3\ O_2)n,5n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-(acridine-9-carboxylato-O,O')-silver(i) pentahydrate]

Space Group:	P21/c	***Cell:***	***a***	10.701(2)	***b*** 16.364(3)	***c***	14.065(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.45(3)	γ	90.00

R-Factor (%): 2.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.621



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1232

KUQCOP

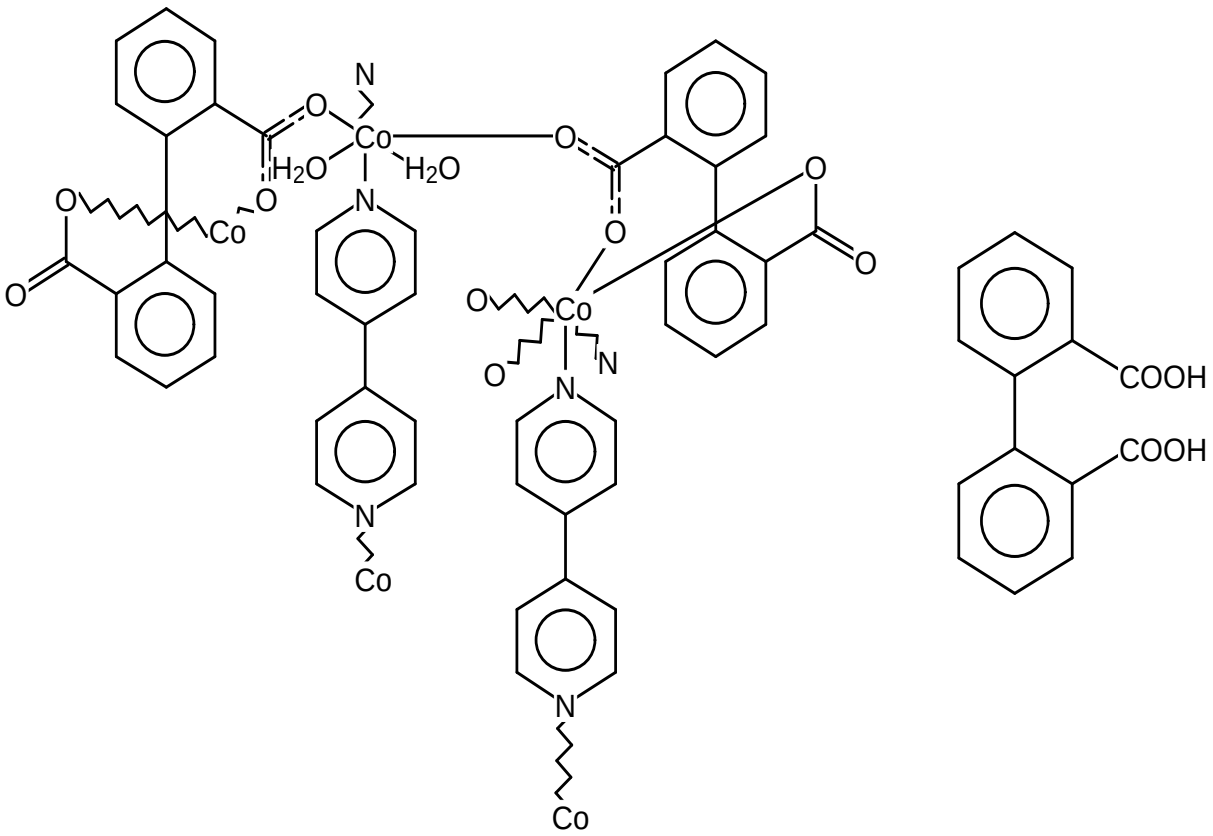
Reference: Ge Zhan, Xin-Hua Li (2010)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**66,**m29

Formula: $(C_{48}\ H_{36}\ Co_2\ N_4\ O_{10})n,2n(C_{14}\ H_{10}\ O_4)$

Compound Name: catena-(trans-bis(μ_2-Biphenyl-2,2'-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) biphenyl-2,2'-dicarboxylic acid solvate)

Space Group:	P21212	***Cell:***	***a***	10.126(1)	***b***	28.487(3)	***c***	11.384(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.52 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.447



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1233

KURLAL

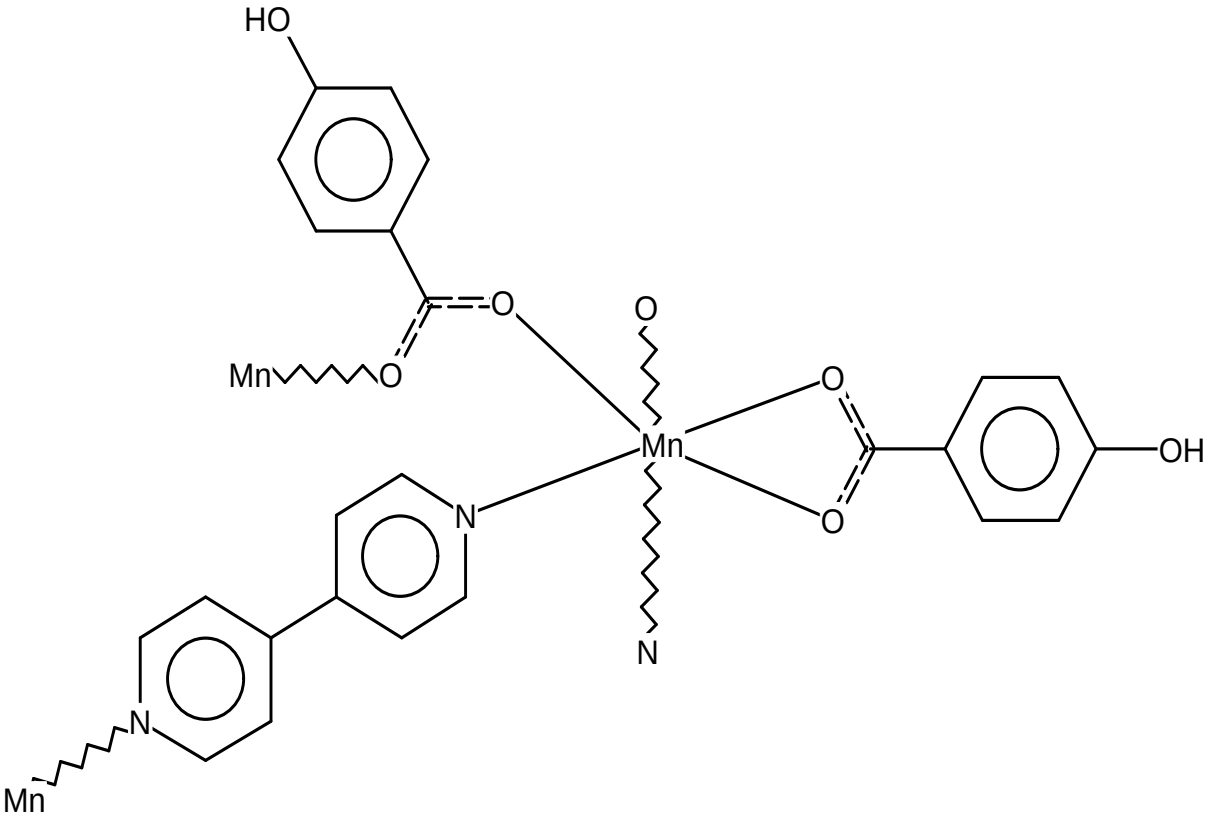
Reference: Q.-H.Zhao, L.Zhao, K.-M.Wang, H.Zhou (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m358

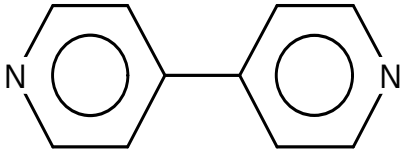
Formula: $(C_{24}\ H_{18}\ Mn_1\ N_2\ O_6)n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4-Hydroxybenzoato)-(μ_2-4,4'-bipyridine)-(4-hydroxybenzoato)-manganese(ii) 4,4'-bipyridine solvate dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.103(1)	***b*** 11.645(1)	***c***	31.771(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.96(0)	γ	90.00

R-Factor (%): 5.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.391





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1234

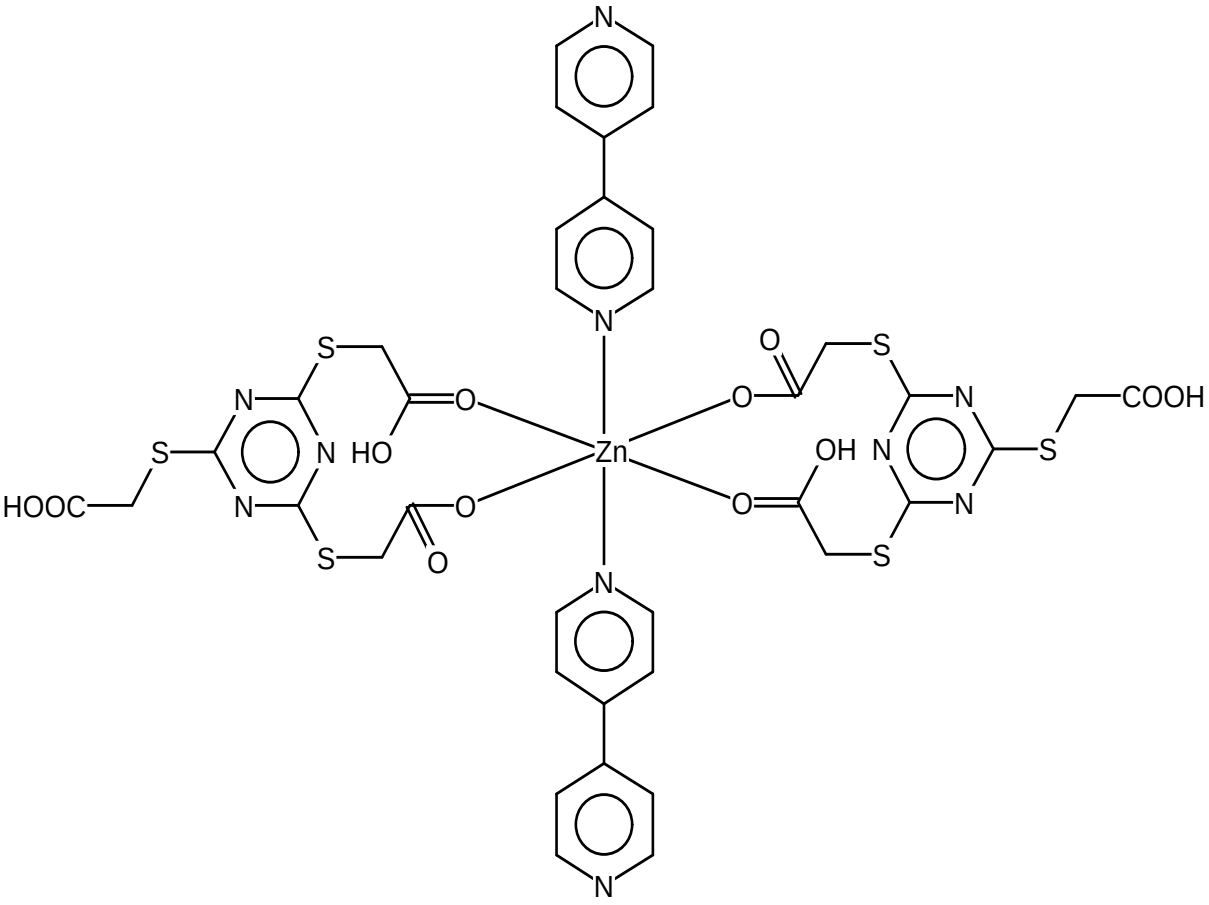
KURNER

Reference: Suna Wang, Yan Yang, Dacheng Li, Jianmin Dou, Daqi Wang (2010) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**66,**m370

Formula: $C_{38}\ H_{32}\ N_{10}\ O_{12}\ S_6\ Zn_1$

Compound Name: bis((4,4'-Bipyridine)-(2,2',2''-(1,3,5-triazine-2,4,6-triyltrisulfanediyl) triacetato))-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	8.603(0)	***b*** 8.761(0)	***c***	15.319(1)
Space Group No.:	2	***(Å,°)***	α	99.52(0)	β 105.80(0)	γ	98.81(0)
R-Factor (%):	4.10	***Temperature(K):***	293		***Density(g/cm^3):***		1.671



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1235

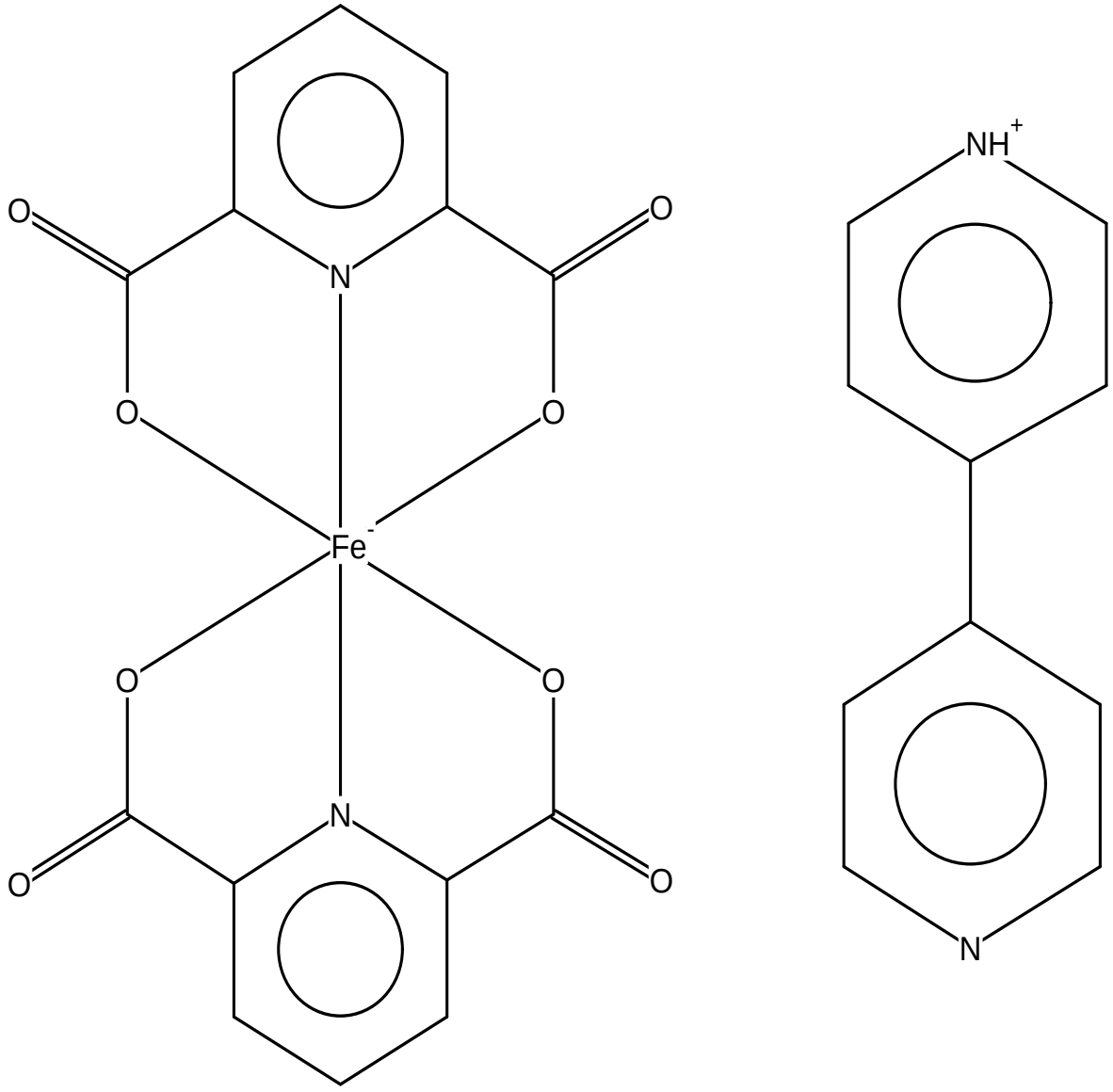
KURTOH

Reference: J.Soleimannejad, H.Aghabozorg, S.Sheshmani (2010) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**66,**m411

Formula: $C_{14}\ H_6\ Fe_1\ N_2\ O_8\ ^{1-}$,$C_{10}\ H_9\ N_2\ ^{1+}$,4($H_2\ O_1$)

Compound Name: 4-(4-Pyridyl)pyridinium bis(pyridine-2,6-dicarboxylato)iron(iii) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	9.376(0)	***b***	9.378(0)	***c*** 14.628(1)
Space Group No.:	2	***(Å,°)***	α	84.55(0)	β	89.25(0)	γ 87.06(0)
R-Factor (%):	3.55	***Temperature(K):***	150	***Density(g/cm^3):***	1.598		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1236

KUSDUY

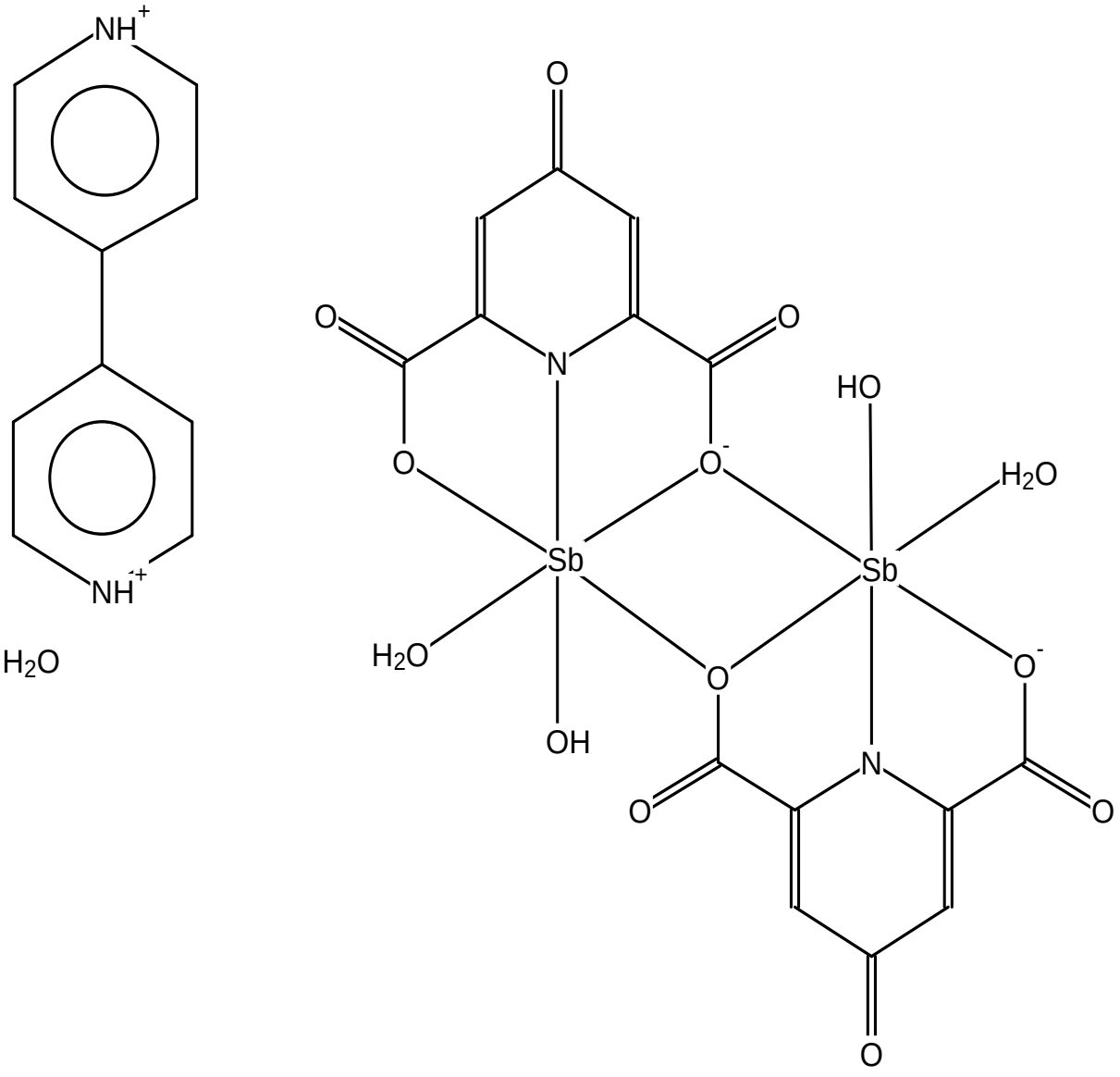
Reference: J.Soleimannejad, J.A.Gharamaleki, H.Aghabozorg, Y.M.A.Golenji (2010) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***66,** m467

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_{14}\,H_{10}\,N_2\,O_{14}\,Sb_2\,^{2-},2(H_2\,O_1)$

Compound Name: 4,4'-Bipyridinium bis(μ$_2$-4-oxo-1,4-dihydropyridine-2,6-dicarboxylato)-diaqua-dihydroxy-di-antimony(iii) dihydrate

Space Group:	P-1	***Cell:***	***a***	7.777(0)	***b***	10.247(1)	***c*** 17.773(2)
Space Group No.:	2	***(Å,°)***	α	80.25(0)	β	81.76(0)	γ 82.55(0)

R-Factor (%): 2.05 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.099



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1237

KUWNIZ

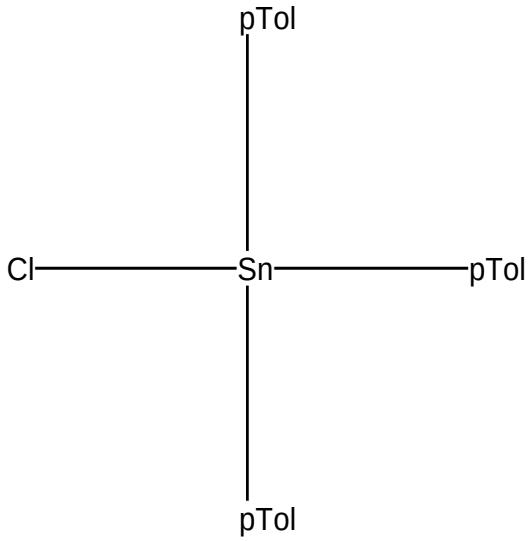
Reference: S.A.Bajue, F.B.Bramwell, M.Charles, F.Cervantes-Lee, K.Pannell (1992) *Inorg.Chim.Acta ,***197,**83

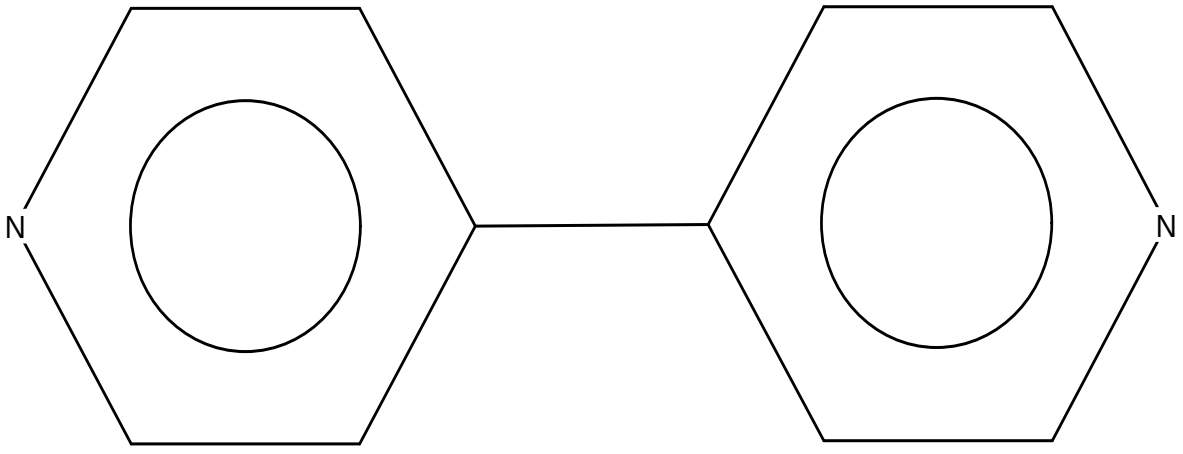
Formula: $2(C_{21}\ H_{21}\ Cl_1\ Sn_1),C_{10}\ H_8\ N_2$

Compound Name: bis(Chloro-(tri-p-tolyl)-tin) 4,4'-bipyridyl

Space Group:	P21/c	***Cell:***	***a***	13.362(2)	***b*** 11.382(2)	***c***	17.029(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.05(1)	γ	90.00

R-Factor (%): 3.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.380





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1238

KUWNOF

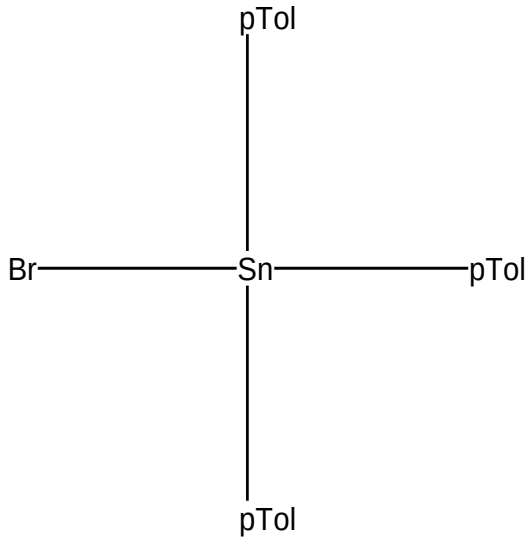
Reference: S.A.Bajue, F.B.Bramwell, M.Charles, F.Cervantes-Lee, K.Pannell (1992) *Inorg.Chim.Acta ,***197,**83

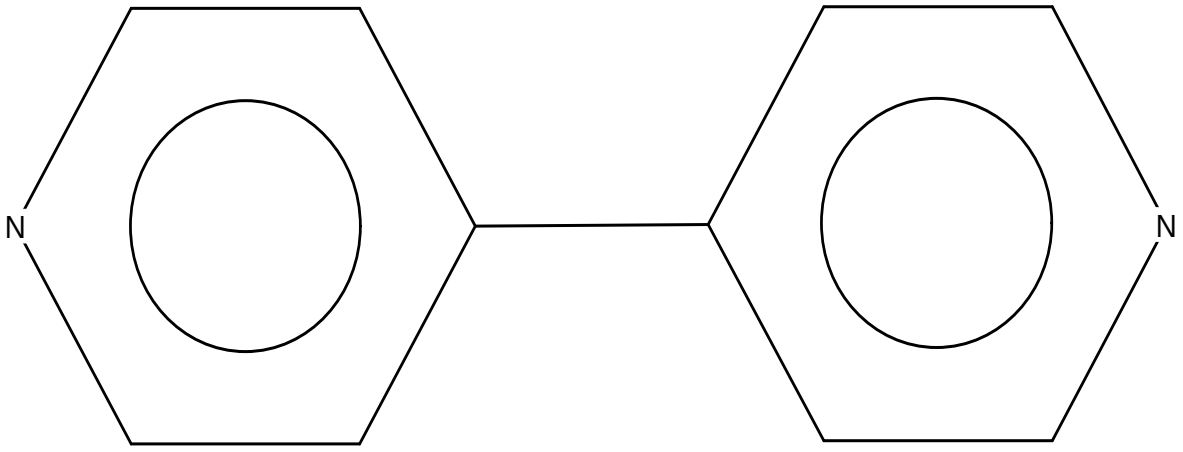
Formula: $2(C_{21}\ H_{21}\ Br_1\ Sn_1),C_{10}\ H_8\ N_2$

Compound Name: bis(Bromo-(tri-p-tolyl)-tin) 4,4'-bipyridyl

Space Group:	P21/c	***Cell:***	***a***	13.103(3)	***b*** 11.351(2)	***c***	17.607(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.05(1)	γ	90.00

R-Factor (%): 3.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.485





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1239

KUWNUL

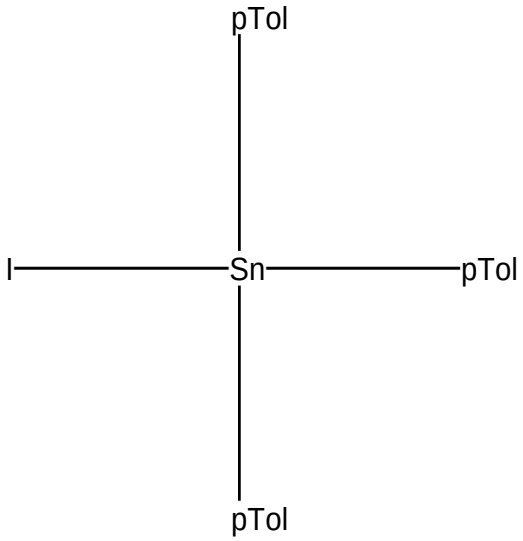
Reference: S.A.Bajue, F.B.Bramwell, M.Charles, F.Cervantes-Lee, K.Pannell (1992) *Inorg.Chim.Acta ,***197,**83

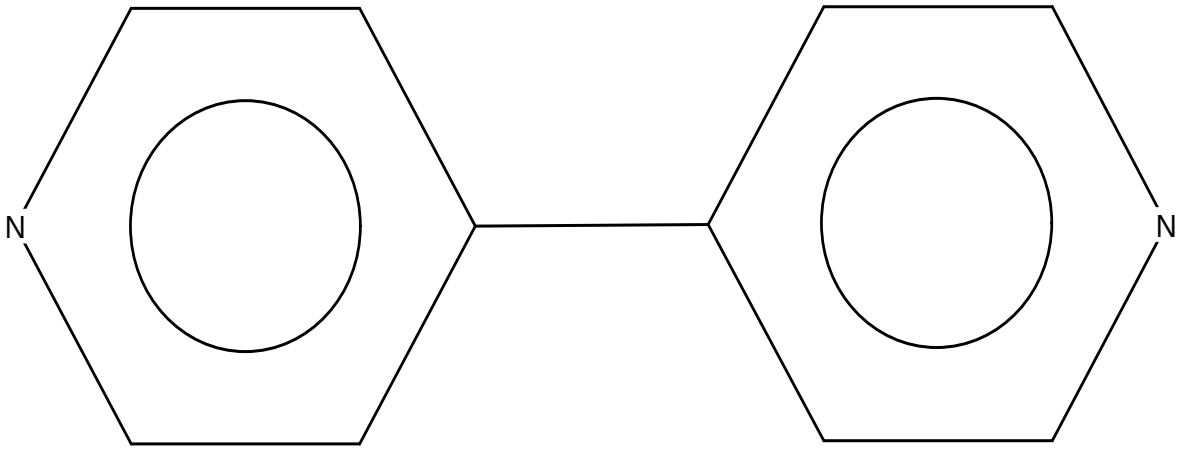
Formula: $2(C_{21}\ H_{21}\ I_1\ Sn_1),C_{10}\ H_8\ N_2$

Compound Name: bis(Iodo-(tri-p-tolyl)-tin) 4,4'-bipyridyl

Space Group:	P21/c	***Cell:***	***a***	12.867(3)	***b*** 11.389(4)	***c***	18.496(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.05(1)	γ	90.00

R-Factor (%): 4.26 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.558





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1240

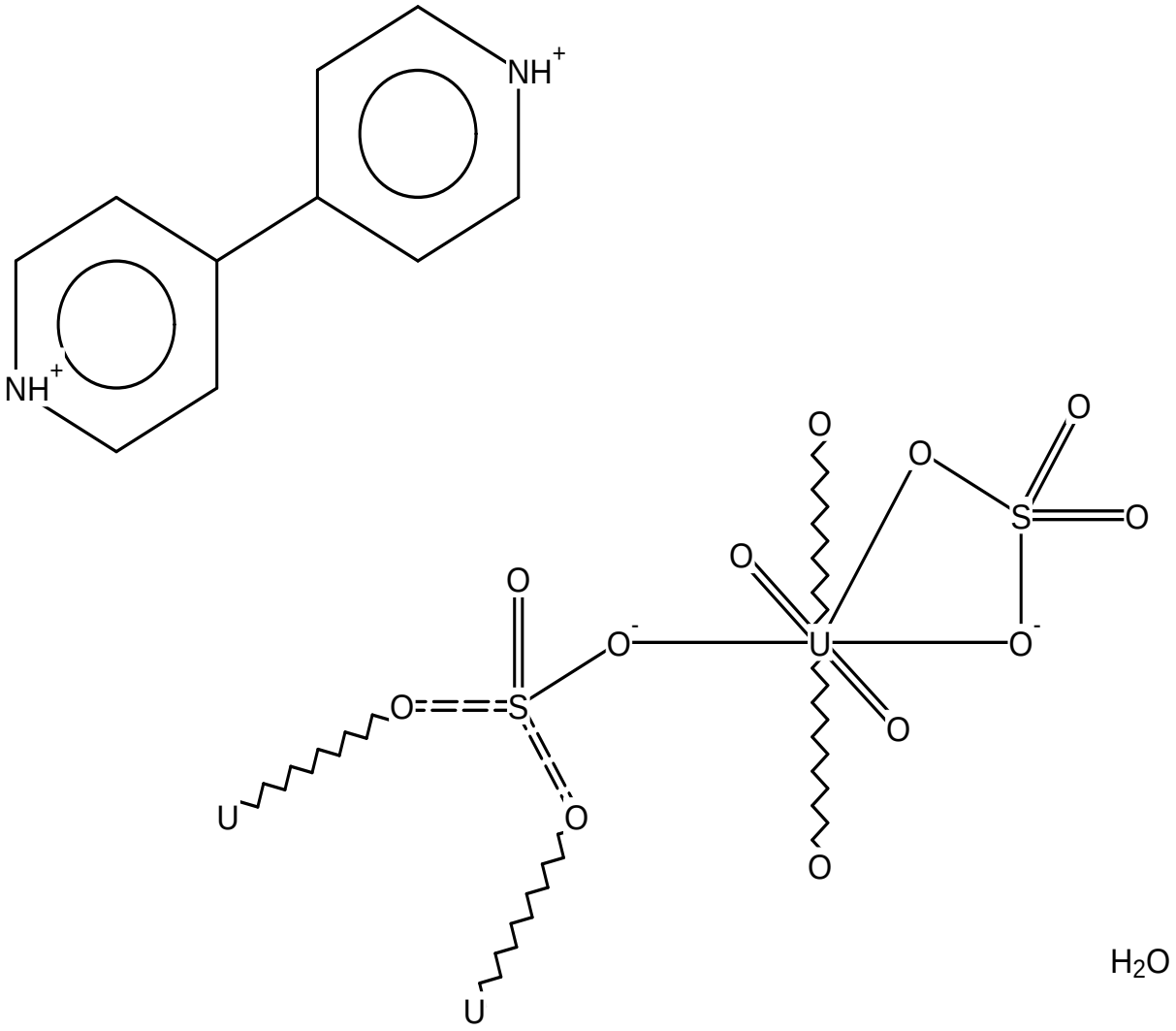
LABFUQ

Reference: A.J.Norquist, M.B.Doran, P.M.Thomas, D.O'Hare (2003) *Dalton Trans.* ,1168

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(O_{10}\ S_2\ U_1\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridyldi-ium (μ_3-sulfato)-(sulfato)-dioxo-uraniun(vi) monohydrate)

Space Group:	P-1	***Cell:***	***a***	6.951(0)	***b***	7.710(0)	***c*** 15.920(0)
Space Group No.:	2	***(Å,°)***	α	79.20(0)	β	80.14(0)	γ 80.97(0)
R-Factor (%):	2.08	***Temperature(K):***	150	***Density(g/cm^3):***	2.589		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1241

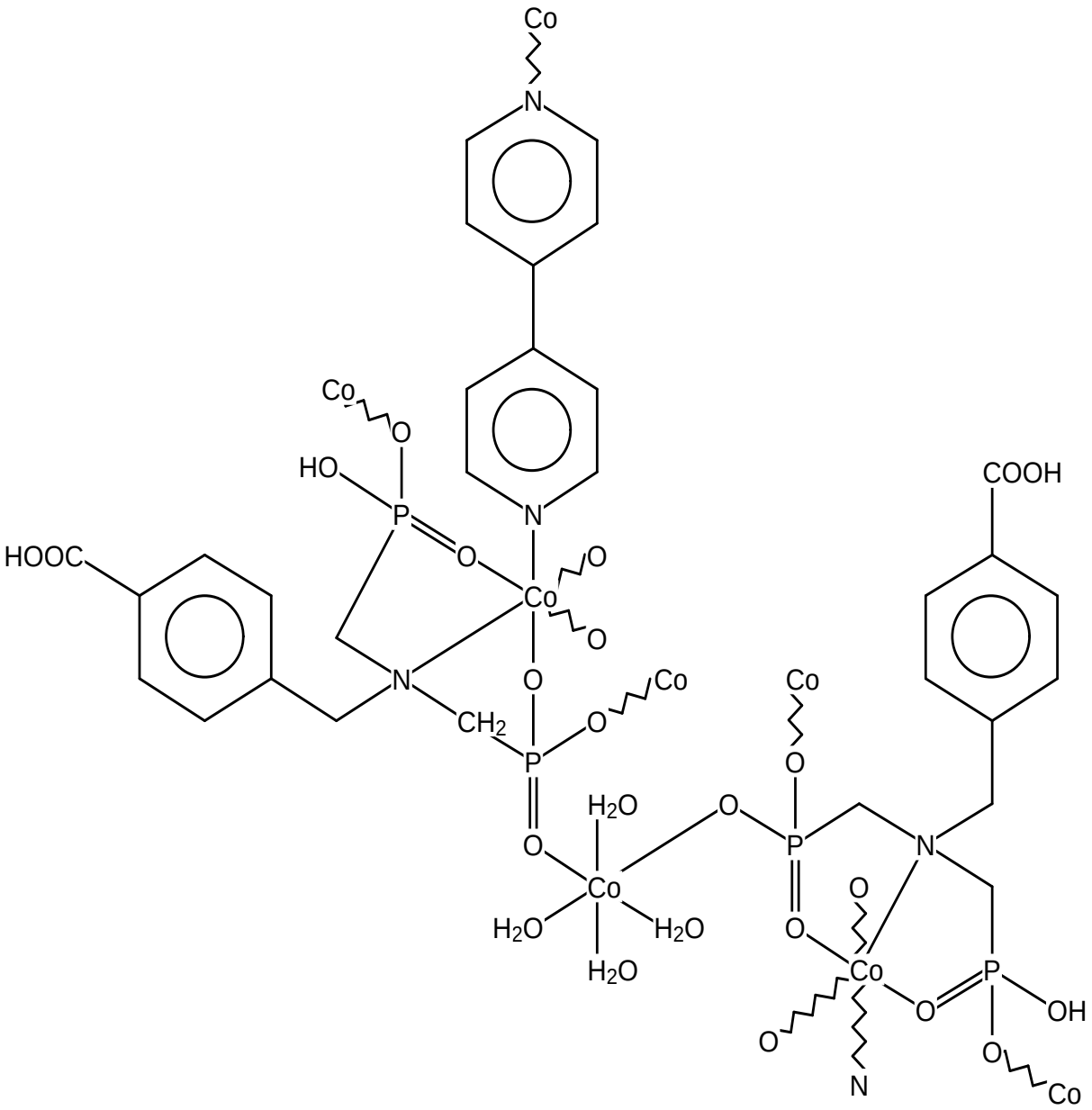
LAHTIY

Reference: Jun-Ling Song, A.V.Prosvirin, Han-Hua Zhao, Jiang-Gao Mao (2004) *Eur.J.Inorg.Chem.* ,3706

Formula: $(C_{30}\ H_{40}\ Co_3\ N_4\ O_{20}\ P_4)n$

Compound Name: catena-[bis(μ_4-bis(Phosphonatomethyl)(4-carboxybenzyl)amine)-(μ_2-4,4'-bipyridyl)-tetra-aqua-tri-cobalt(ii)]

Space Group:	C2/c	***Cell:***	***a***	25.928(0)	***b*** 9.763(0)	***c***	17.367(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.29(0)	γ	90.00
R-Factor (%):	7.28	***Temperature(K):***	293		***Density(g/cm^3):***		1.673



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1242

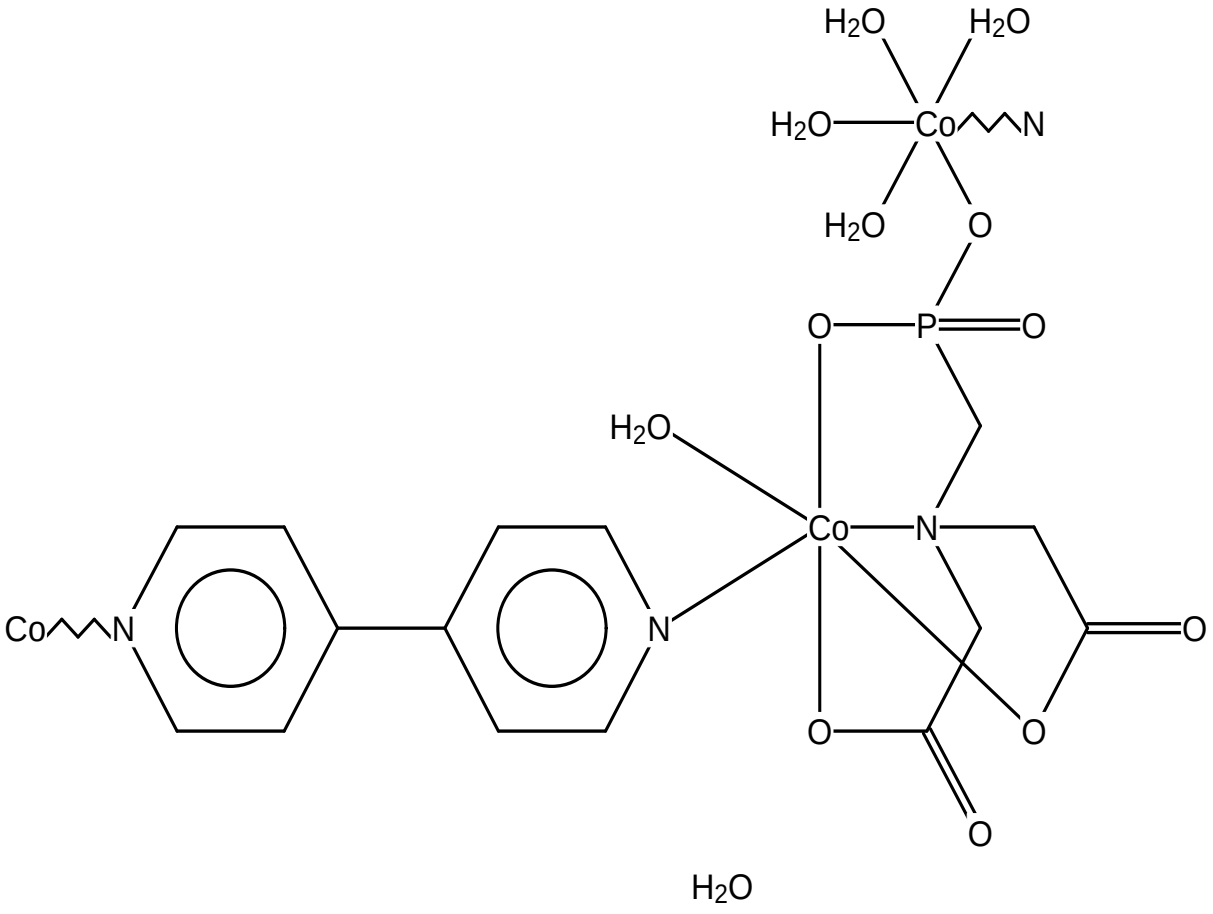
LAHTOE

Reference: Jun-Ling Song, A.V.Prosvirin, Han-Hua Zhao, Jiang-Gao Mao (2004) *Eur.J.Inorg.Chem.* ,3706

Formula: $(C_{15}\ H_{24}\ Co_2\ N_3\ O_{12}\ P_1)n,4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-dicarboxylato(phosphonatomethyl)amine) -penta-aqua-di-cobalt(ii) tetrahydrate]

Space Group:	P-1	***Cell:***	***a***	7.801(0)	***b*** 13.456(1)	***c***	13.545(1)
Space Group No.:	2	***(Å,°)***	α	65.21(0)	β 88.03(0)	γ	77.14(0)
R-Factor (%):	5.33	***Temperature(K):***	293		***Density(g/cm^3):***		1.744



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1243

LAHTUK

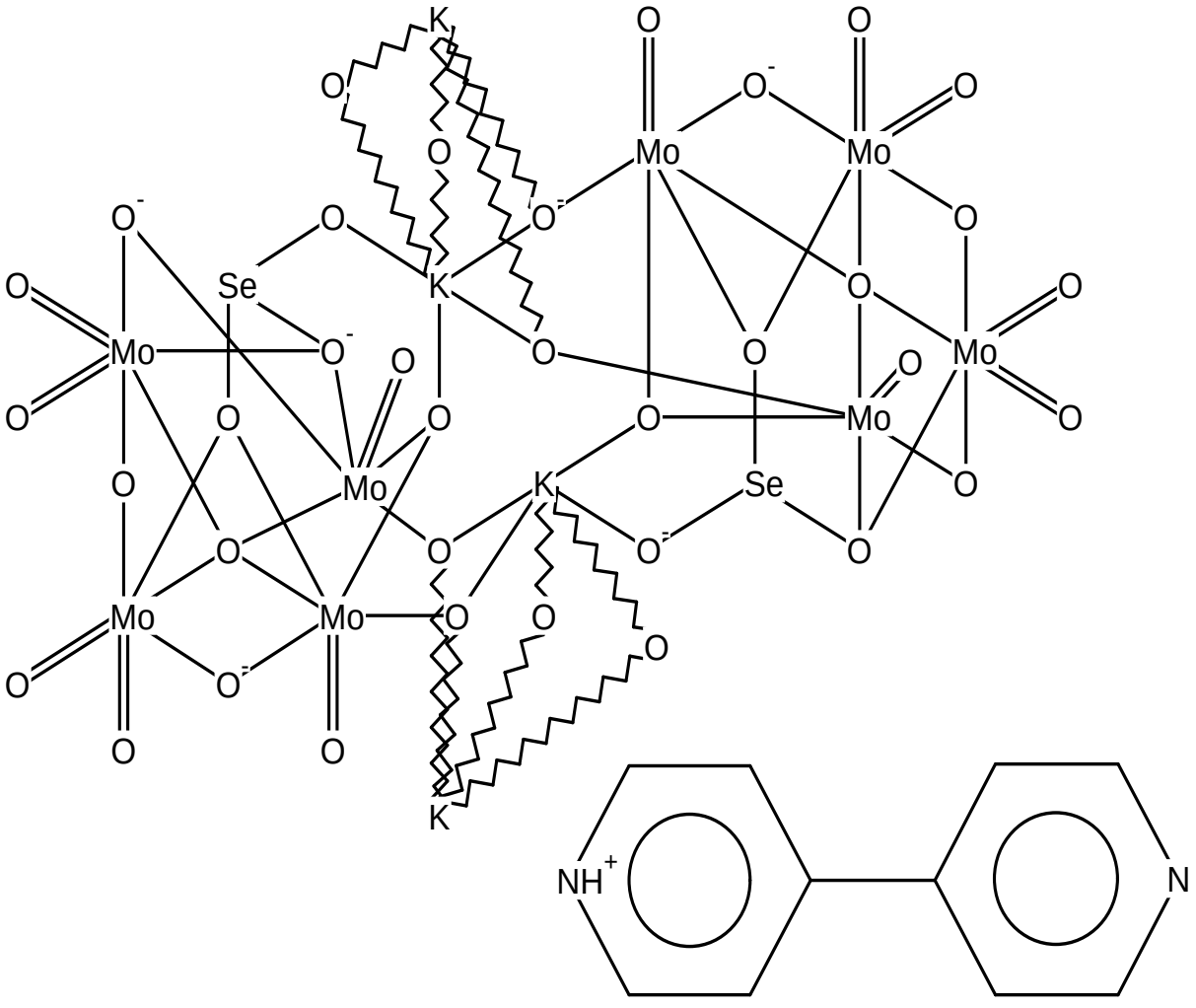
Reference: Mei-Ling Feng, Jiang-Gao Mao (2004) *Eur.J.Inorg.Chem.* , 3712

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})6n,n(K_2\ Mo_8\ O_{32}\ Se_2\ ^{6-})$

Compound Name: catena-[hexakis(4,4'-Bipyridinium) (μ_5-trioxoselenato)-bis(μ_4-oxo)-hexakis(μ_3-oxo)-hexakis(μ_2-oxo)-dodecaoxo-octa-molybdenum(vi)-di-potassium]

Space Group:	C2/c	***Cell:***	***a***	42.480(3)	***b***	24.841(1)	***c***	7.040(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	98.48(0)	γ	90.00

R-Factor (%): 4.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.223



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1244

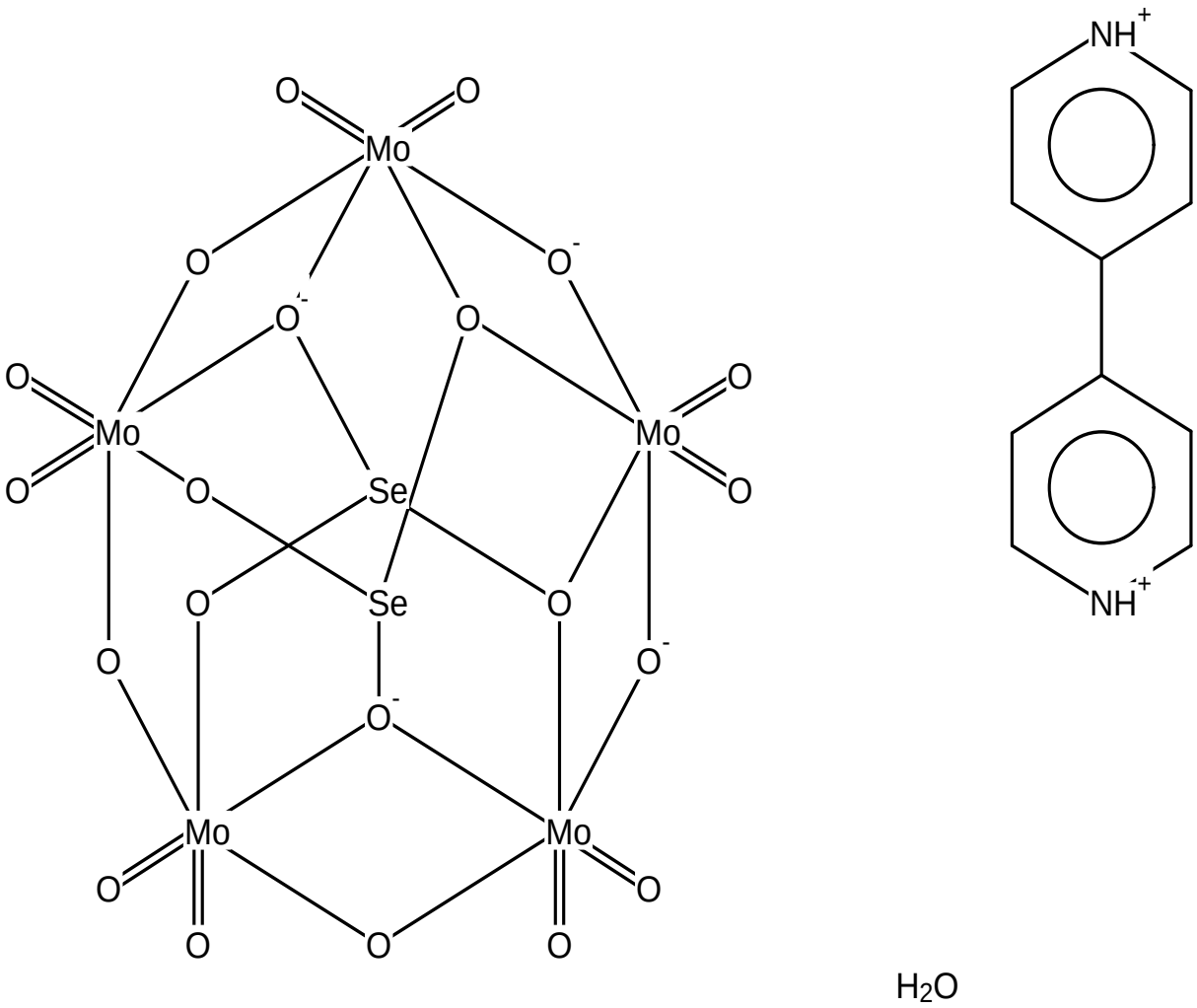
LAHVAS

Reference: Mei-Ling Feng, Jiang-Gao Mao (2004) *Eur.J.Inorg.Chem.* , 3712

Formula: $2(C_{10}H_{10}N_2^{2+}),Mo_5O_{21}Se_2^{4-},H_2O_1$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_5-trioxoselenato)-pentakis(μ_2-oxo)-decaoxo-penta-molybdenum(vi) monohydrate

Space Group:	C2	***Cell:***	***a***	20.466(1)	***b***	10.804(0)	***c*** 8.658(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β	113.60(0)	γ 90.00
R-Factor (%):	7.18	***Temperature(K):***	293		***Density(g/cm^3):***		2.476



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1245

LAJKUD

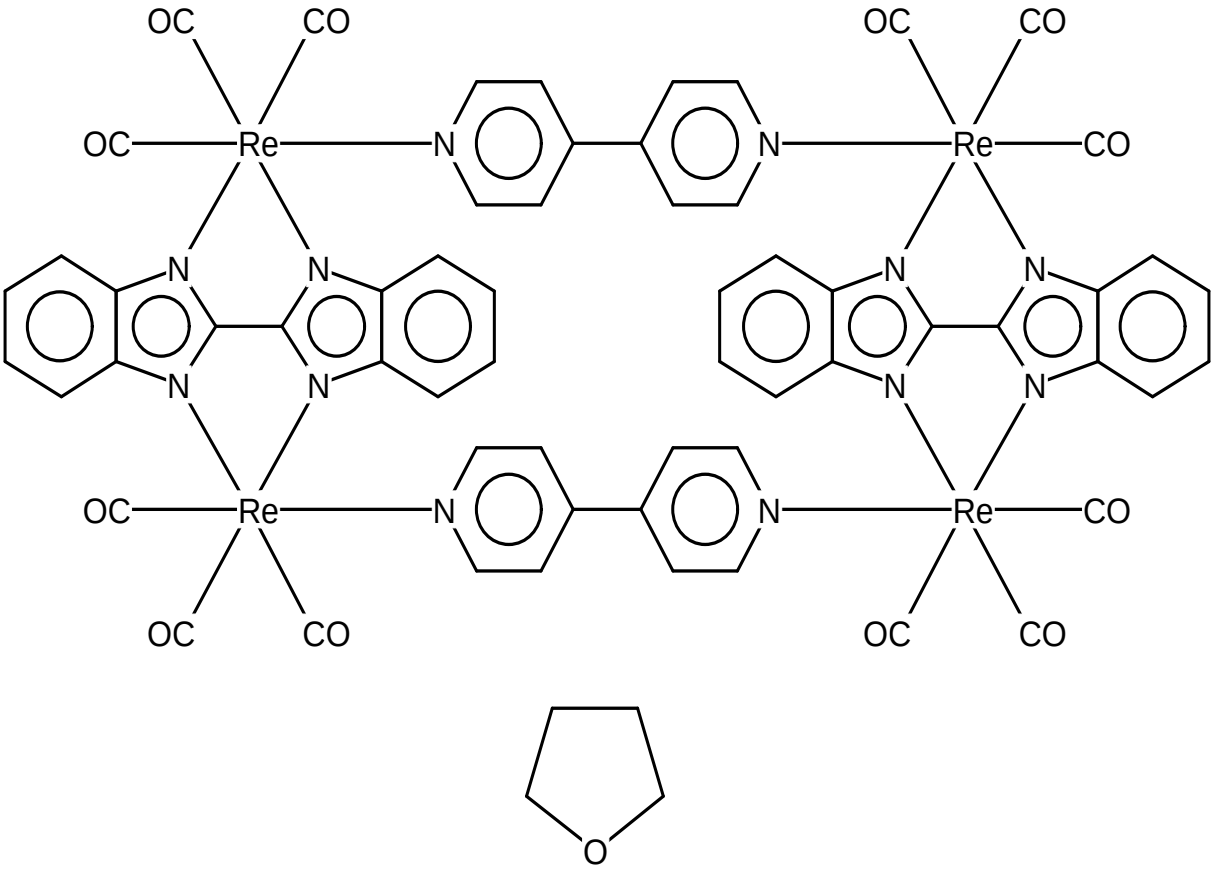
Reference: P.H.Dinolfo, M.E.Williams, C.L.Stern, J.T.Hupp (2004) *J.Am.Chem.Soc. ,***126,**12989

Formula: $C_{60}\ H_{32}\ N_{12}\ O_{12}\ Re_4$,3.75($C_4\ H_8\ O_1$)

Compound Name: bis(μ_2-2,2'-Bi-benzimidazolate-N,N',N'',N''')-bis(μ_2-4,4'-bipyridine-N,N')-dodecacarbonyl-tetra-rhenium tetrahydrofuran solvate

Space Group:	P21/c	***Cell:***	***a***	12.374(1)	***b***	48.753(4)	***c***	24.198(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.26(0)	γ	90.00

R-Factor (%): 7.83 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.940



Search: search1 (Thu May 26 10:05:42 2011): Hit 1246

LAKBAB

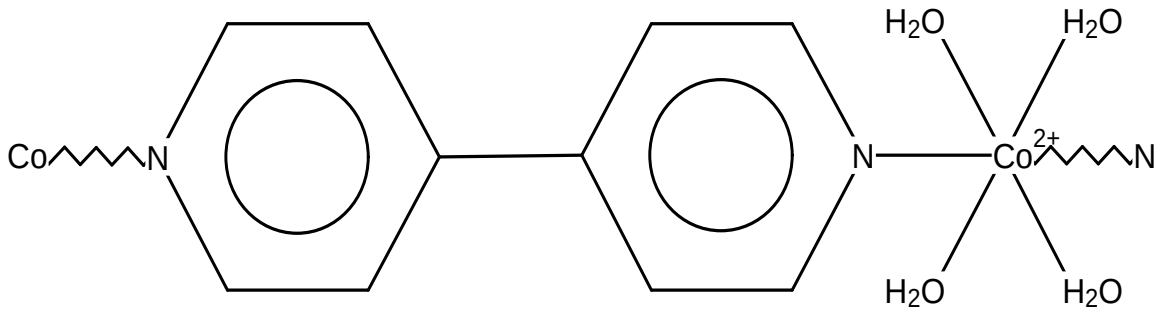
Reference: Feng Li, Yanqi Wang, Wenhua Bi, Xing Li, Rong Cao (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***60,**m1681

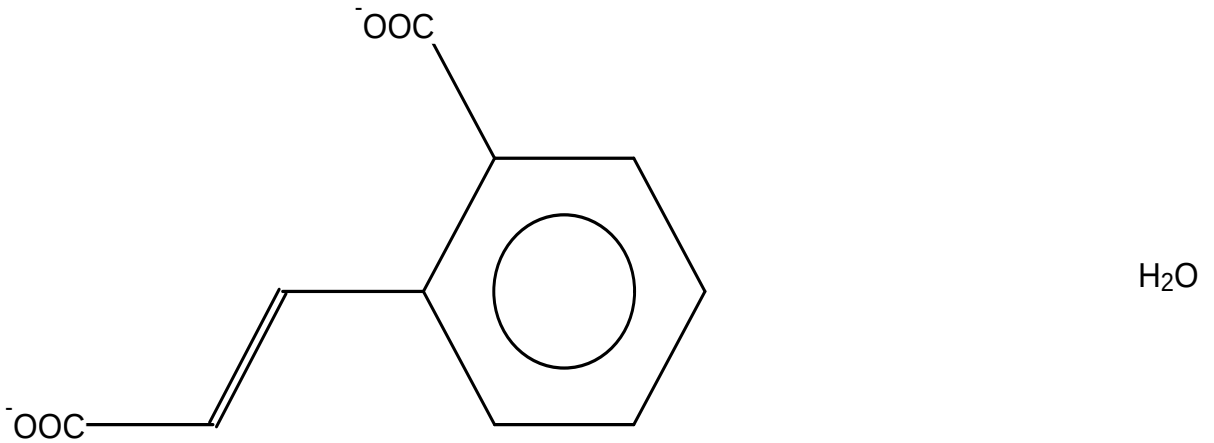
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_4\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) 2-carboxylatocinnamate dihydrate)

Space Group:	P1	***Cell:***	***a***	7.385(1)	***b***	11.432(2)	***c***	13.625(3)
Space Group No.:	1	***(Å,°)***	α	92.88(3)	β	98.04(3)	γ	97.18(3)

R-Factor (%): 2.15 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.512





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1247

LAKBAB01

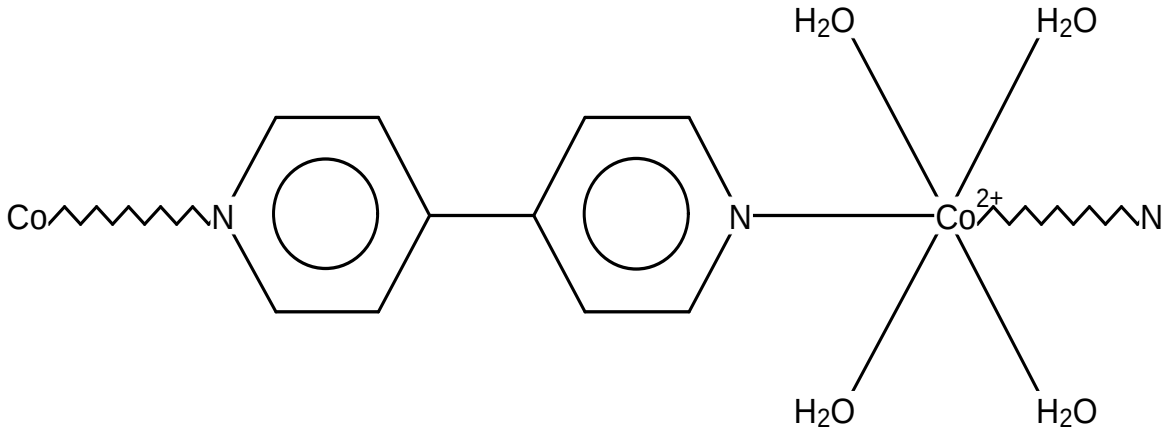
Reference: Taohai Li, Feng Li, Yanqin Wang, Wenhua Bi, Xing Li, Rong Cao (2007) *Inorg.Chim.Acta* ,**360,**3771

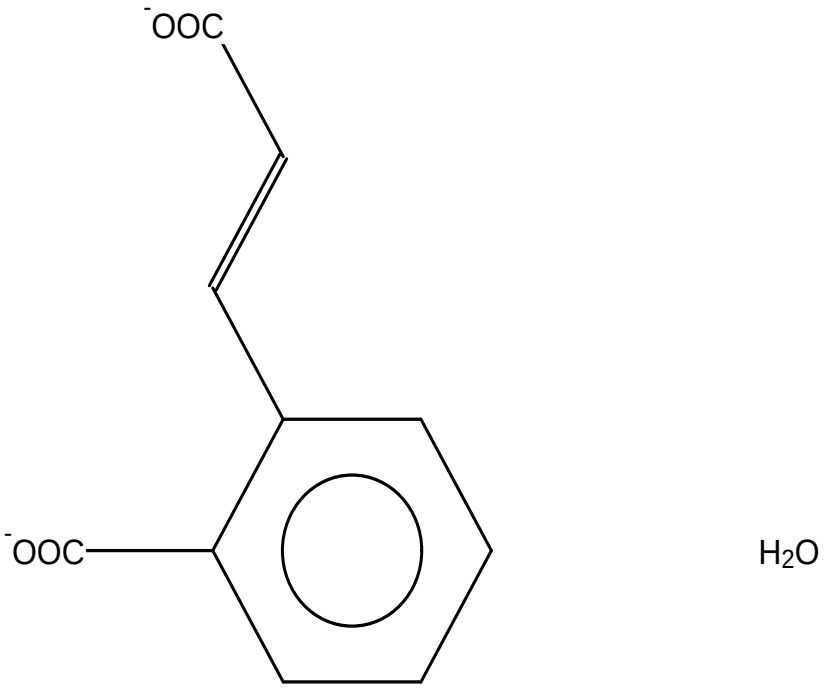
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_4\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) 2-carboxylatocinnamate dihydrate)

Space Group:	P1	***Cell:***	***a***	7.385(1)	***b*** 11.432(2)	***c***	13.625(3)
Space Group No.:	1	***(Å,°)***	α	92.88(3)	β 98.04(3)	γ	97.18(3)

R-Factor (%): 2.15 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.512





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1248

LALTOI

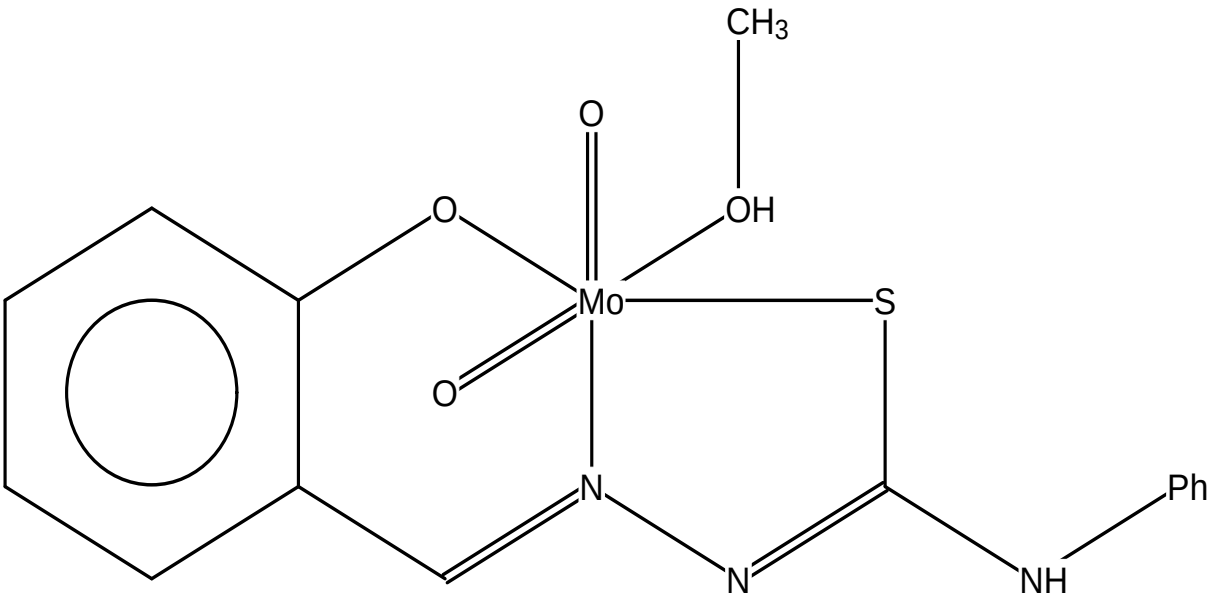
Reference: V.Vrdoljak, M.Cindric, D.Matkovic-Calogovic, B.Prugovecki, P.Novak, B.Kamenar (2005) *Z.Anorg.Allg.Chem.* ,**631,** 928

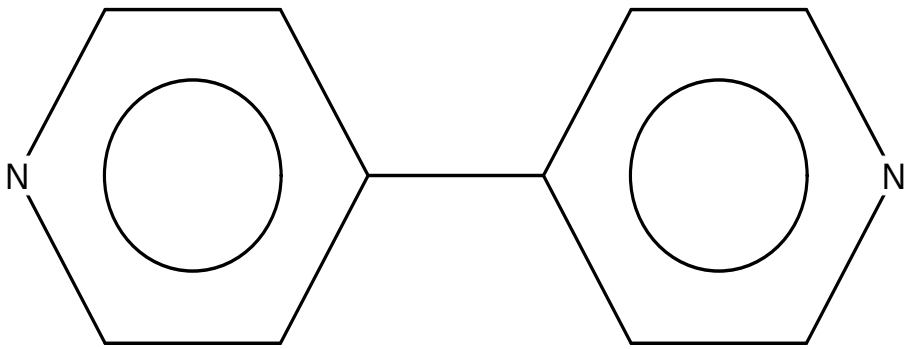
Formula: $C_{15}\,H_{15}\,Mo_1\,N_3\,O_4\,S_1$,$C_{10}\,H_8\,N_2$

Compound Name: cis-Dioxo-(salicylaldehyde 4-phenylthiosemicarbazonato-N,O,S)-methanol-molybdenum(vi) 4,4-bypiridine

Space Group:	P-1	***Cell:***	***a***	10.643(5)	***b***	10.785(4)	***c***	11.812(4)
Space Group No.:	2	***(Å,°)***	α	85.22(3)	β	82.94(3)	γ	65.58(4)

R-Factor (%): 5.17 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.588





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1249

LALVIE

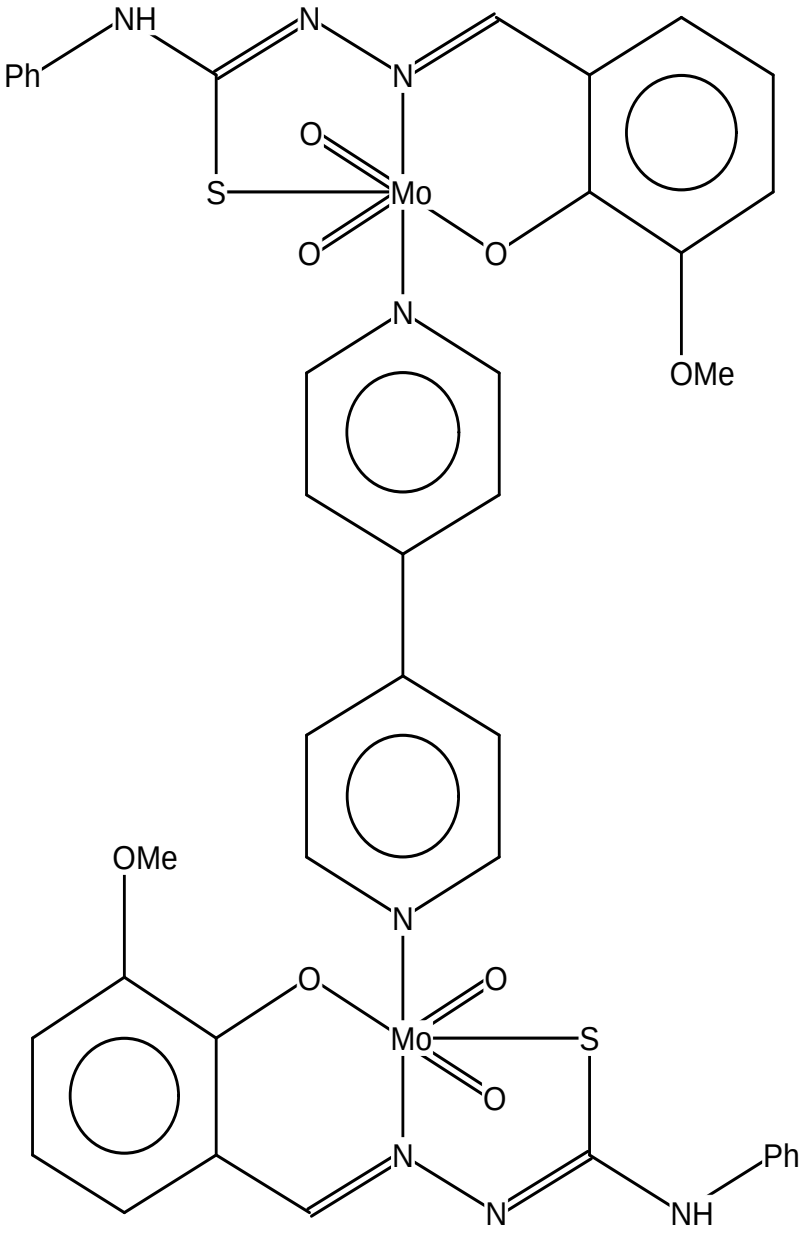
Reference: V.Vrdoljak, M.Cindric, D.Matkovic-Calogovic, B.Prugovecki, P.Novak, B.Kamenar (2005) *Z.Anorg.Allg.Chem.* ,**631,** 928

Formula: $C_{40}\ H_{34}\ Mo_2\ N_8\ O_8\ S_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(cis-dioxo-(2-oxy-3-methoxybenzaldehyde 4-phenylthiosemicarbazonato-N,O,S)-molybdenum(vi))

Space Group:	P21/c	***Cell:***	***a***	10.692(2)	***b*** 14.764(2)	***c***	14.009(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.84(0)	γ	90.00

R-Factor (%): 4.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1250

LAPLET

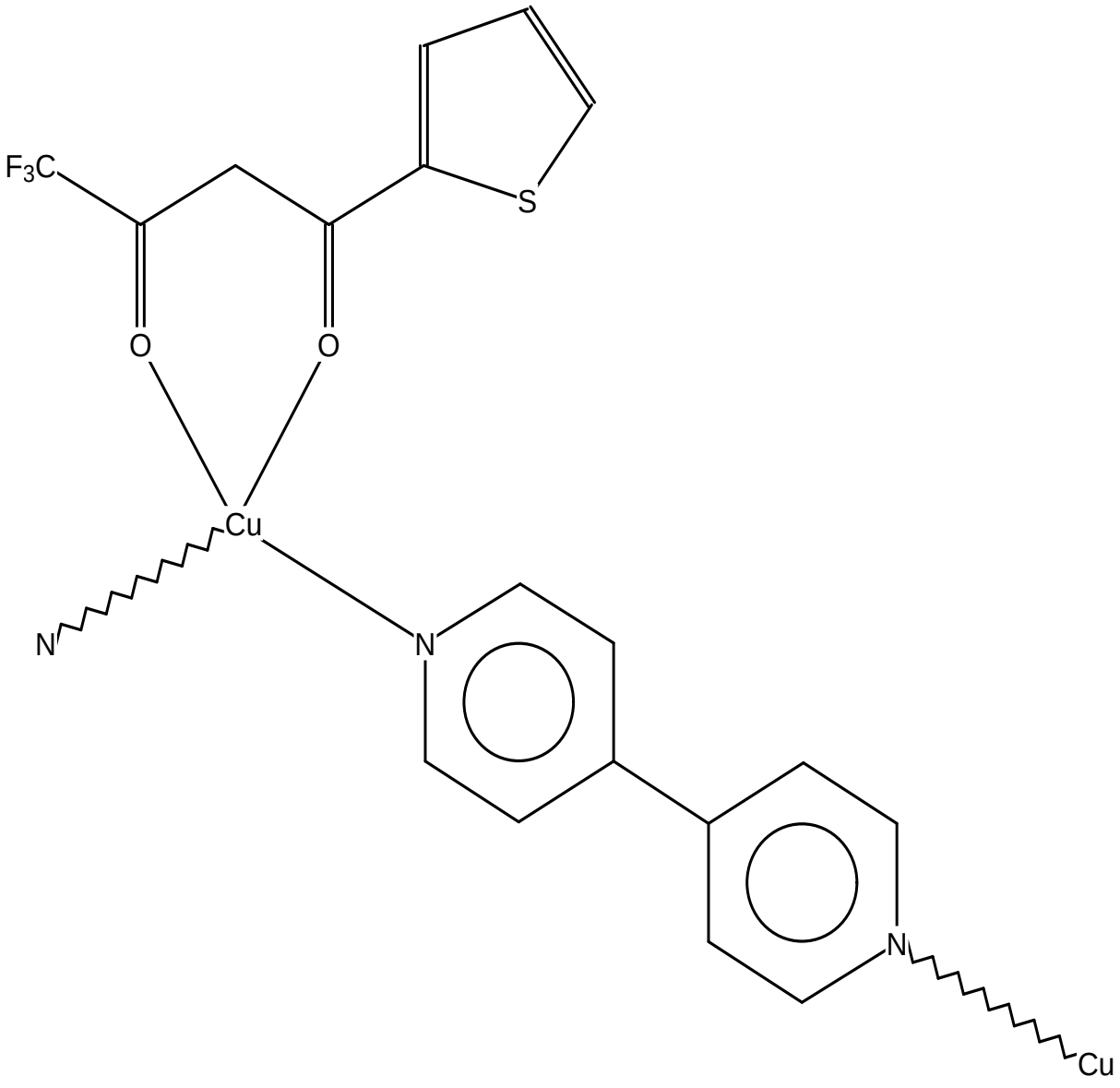
Reference: Mingxing Li, Zheng Xu, Xiaozeng You, Zhenchao Dong, Guocong Guo (1993) *Polyhedron* ,**12,**921

Formula: $(C_{18}\ H_{13}\ Cu_1\ F_3\ N_2\ O_2\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(2-thienoyltrifluoroacetone)-copper(i))

Space Group:	C2/c	***Cell:***	***a***	9.640(5)	***b*** 24.970(10)	***c***	16.032(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.76(3)	γ	90.00

R-Factor (%): 6.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.589



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1251

LAPLET01

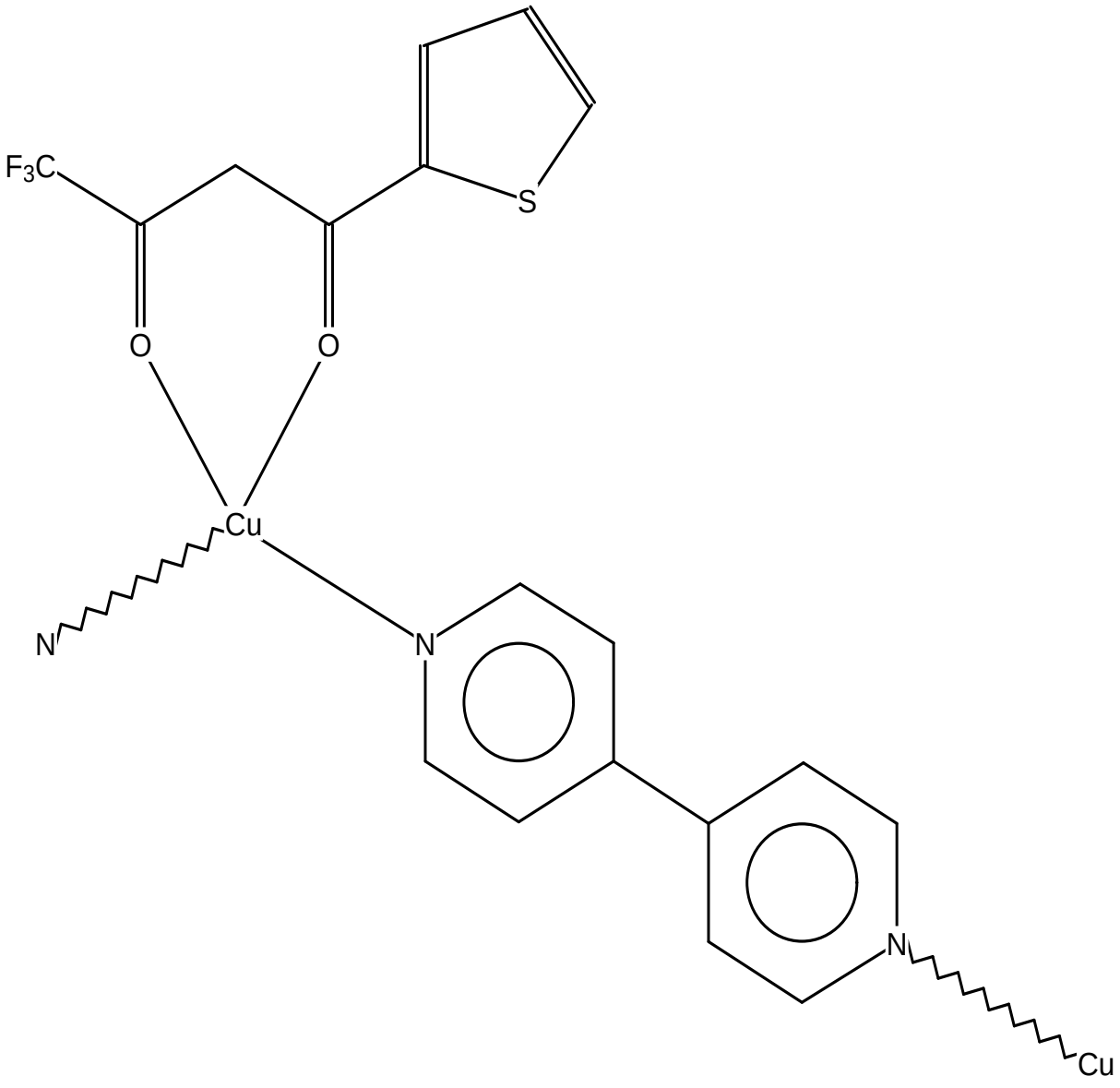
Reference: Ming Xing Li, Zhong Zhi Wu, Zheng Xu, Xiao Zeng You, Zheng Chao Dong, Guo Cong Guo (1992) *Chin.Chem.Lett.* ,**3,**819

Formula: $(C_{18}\ H_{13}\ Cu_1\ F_3\ N_2\ O_2\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(2-thienoyltrifluoroacetone)-copper(i))

Space Group:	C2/c	***Cell:***	***a***	9.640(5)	***b*** 24.970(10)	***c***	16.032(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.76(3)	γ	90.00

R-Factor (%): 6.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.589



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1252

LAPMIZ

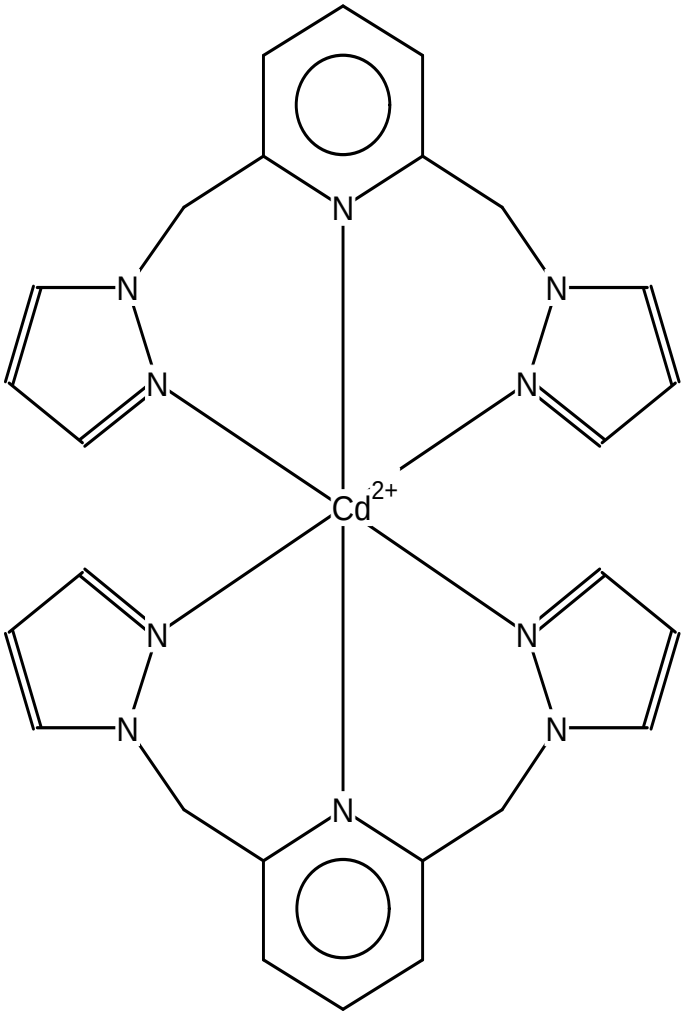
Reference: D.L.Reger, R.F.Semeniuc, M.D.Smith (2005)
Cryst.Growth Des. ,**5,**1181

Formula: $C_{26}\ H_{26}\ Cd_1\ N_{10}\ ^{2+},2(B_1\ F_4\ ^{1-}),C_{10}\ H_8\ N_2,0.5(H_2\ O_1)$

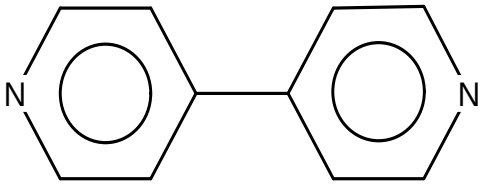
Compound Name: bis(2,6-bis(2-Pyrazolylmethyl)pyridine)-cadmium bis(tetrafluoroborate) 4, 4'-bipyridine hemihydrate

Space Group:	I2/a	***Cell:***	***a***	19.144(1)	***b***	18.844(1)	***c***	10.697(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.26(0)	γ	90.00

R-Factor (%): 3.39 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.600



BF_4^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1253

LAQQUQ

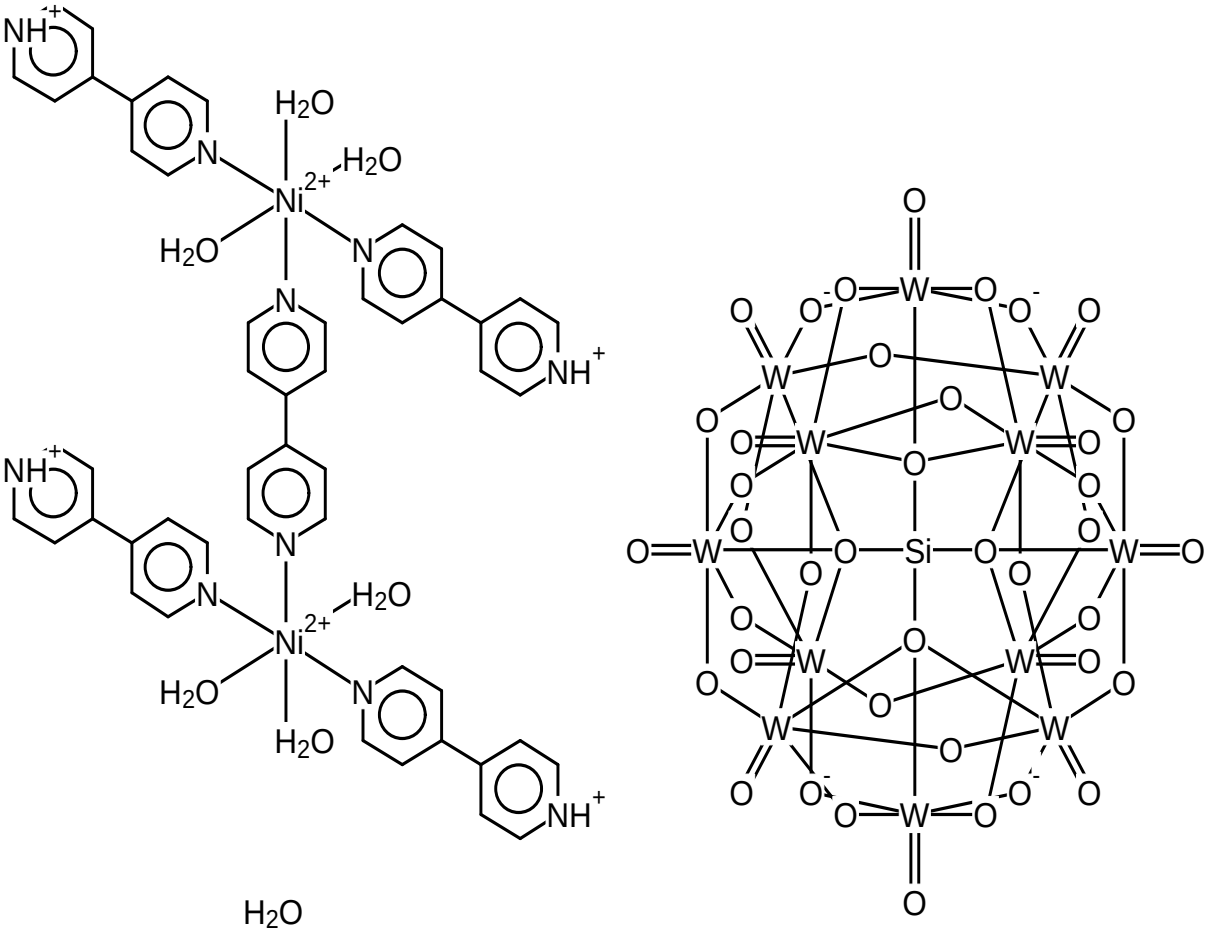
Reference: Pei-Qing Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2005) *Inorg.Chem. ,***44,**1190

Formula: $C_{50}\ H_{56}\ N_{10}\ Ni_2\ O_6\ ^{8+}$,2($O_{40}\ Si_1\ W_{12}\ ^{4-}$),16($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis(4,4'-bipyridinium)-triaqua-nickel(ii)) bis((μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecakis(oxo-tungsten)) hexadecahydrate

Space Group:	P21/n	***Cell:***	***a***	14.043(2)	***b*** 25.291(4)	***c***	18.492(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.94(0)	γ	90.00

R-Factor (%): 7.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 3.629



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1254

LAQRAX

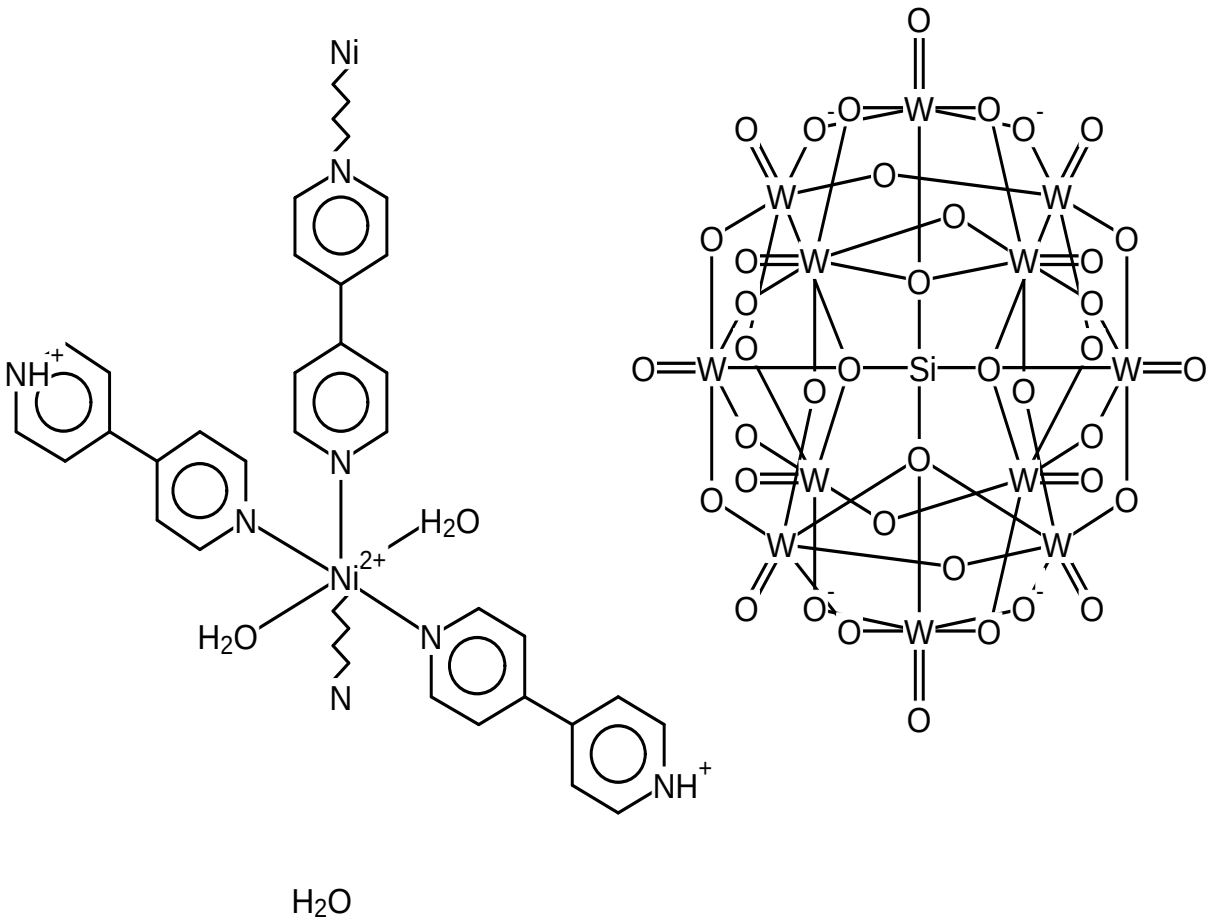
Reference: Pei-Qing Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2005) *Inorg.Chem. ,***44,**1190

Formula: $(C_{30}\ H_{30}\ N_6\ Ni_1\ O_2\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),6n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridinium)-diaqua-nickel(ii) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecakis(oxo-tungsten) hexahydrate)

Space Group:	C2/c	***Cell:***	***a***	24.642(5)	***b*** 11.399(2)	***c***	22.597(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.35(0)	γ	90.00

R-Factor (%): 7.66 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 3.786



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1255

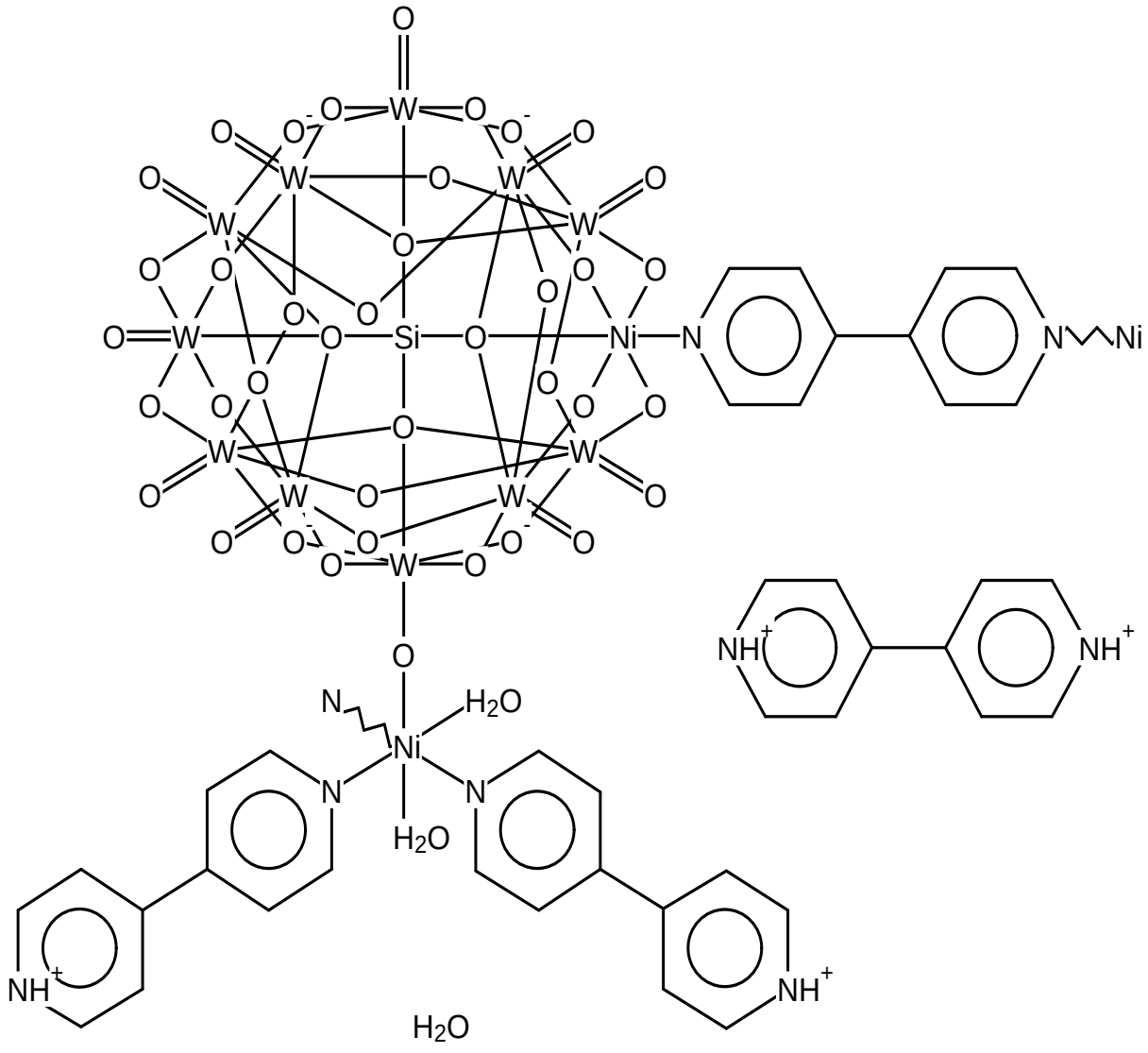
LAQREB

Reference: Pei-Qing Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2005) *Inorg.Chem. ,***44,**1190

Formula: $(C_{30}\ H_{30}\ N_6\ Ni_2\ O_{41}\ Si_1\ W_{11}\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),6n(H_2\ O_1)$

Compound Name: catena((μ12-Silicato)-(μ2-4,4'-bipyridine)-pentacosakis(μ2-oxo)-bis(4,4'-bipyridinium)-diaqua-decaoxo-di-nickel(ii)-undeca-tungsten) 4,4'-bipyridinium clathrate hexahydrate

Space Group:	P21/c	***Cell:***	***a***	15.530(3)	***b*** 15.127(3)	***c***	29.923(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.77(0)	γ	90.00
R-Factor (%):	5.27	***Temperature(K):***	273		***Density(g/cm3):***		3.468



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1256

LAVKEZ

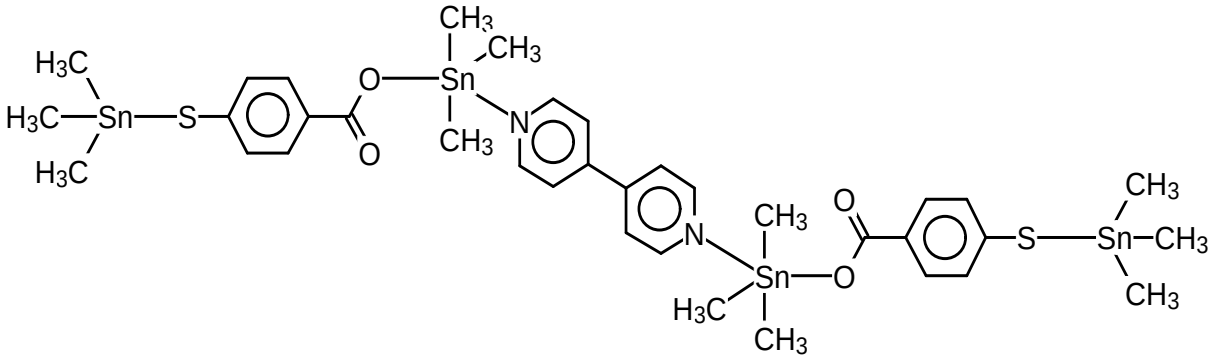
Reference: Chunlin Ma, Qingfu Zhang, Rufen Zhang, Linlin Qiu (2005) *J.Organomet.Chem. ,***690,**3033

Formula: $C_{36}\ H_{52}\ N_2\ O_4\ S_2\ Sn_4$

Compound Name: (μ_2-4,4'-bipyridyl)-bis((μ_2-4-sulfanylbenzoato)-bis(trimethyl-tin))

Space Group:	P-1	***Cell:***	***a***	7.432(1)	***b***	10.086(2)	***c***	15.183(3)
Space Group No.:	2	***(Å,°)***	α	99.91(0)	β	99.81(0)	γ	95.61(0)

R-Factor (%): 3.02 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.692



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1257

LAWLAX

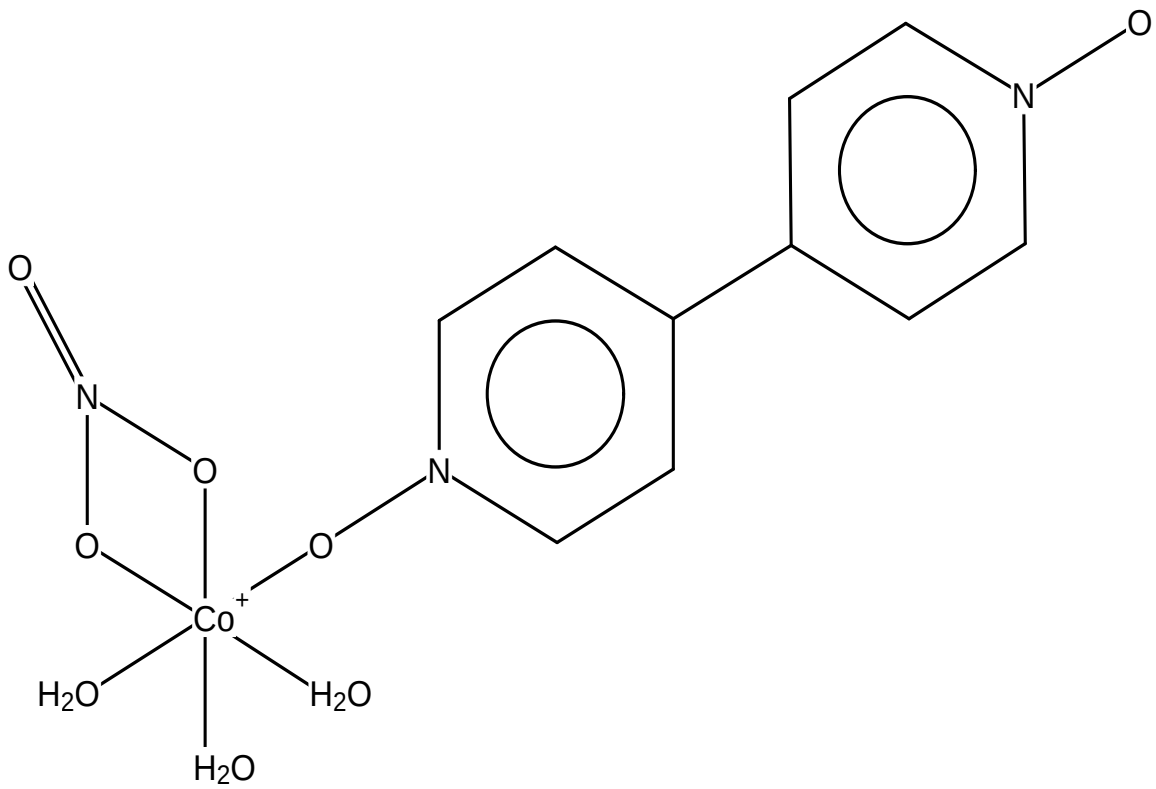
Reference: S.A.Bourne, L.J.Moitsheki (2005) *CrystEngComm* ,**7,**674

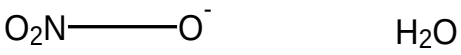
Formula: $C_{10}\ H_8\ N_2\ O_2$,$C_{10}\ H_{14}\ Co_1\ N_3\ O_8\ ^{1+}$,$N_1\ O_3\ ^{1-}$,$H_2\ O_1$

Compound Name: (4,4'-bipyridine-N,N'-dioxide-O)-triaqua-(nitrato-O,O')-cobalt(ii) nitrate (4, 4'-bipyridine-N,N'-dioxide) monohydrate

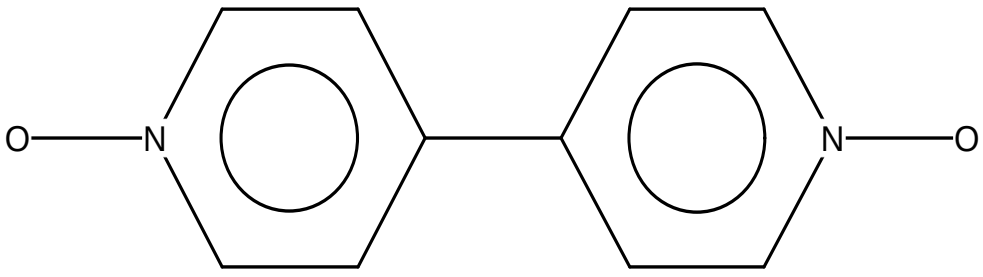
Space Group:	P-1	***Cell:***	***a***	7.814(0)	***b***	9.913(0)	***c*** 17.186(0)
Space Group No.:	2	***(Å,°)***	α	78.61(0)	β	83.46(0)	γ 85.61(0)

R-Factor (%): 7.04 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.620





H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1258

LAWLAX01

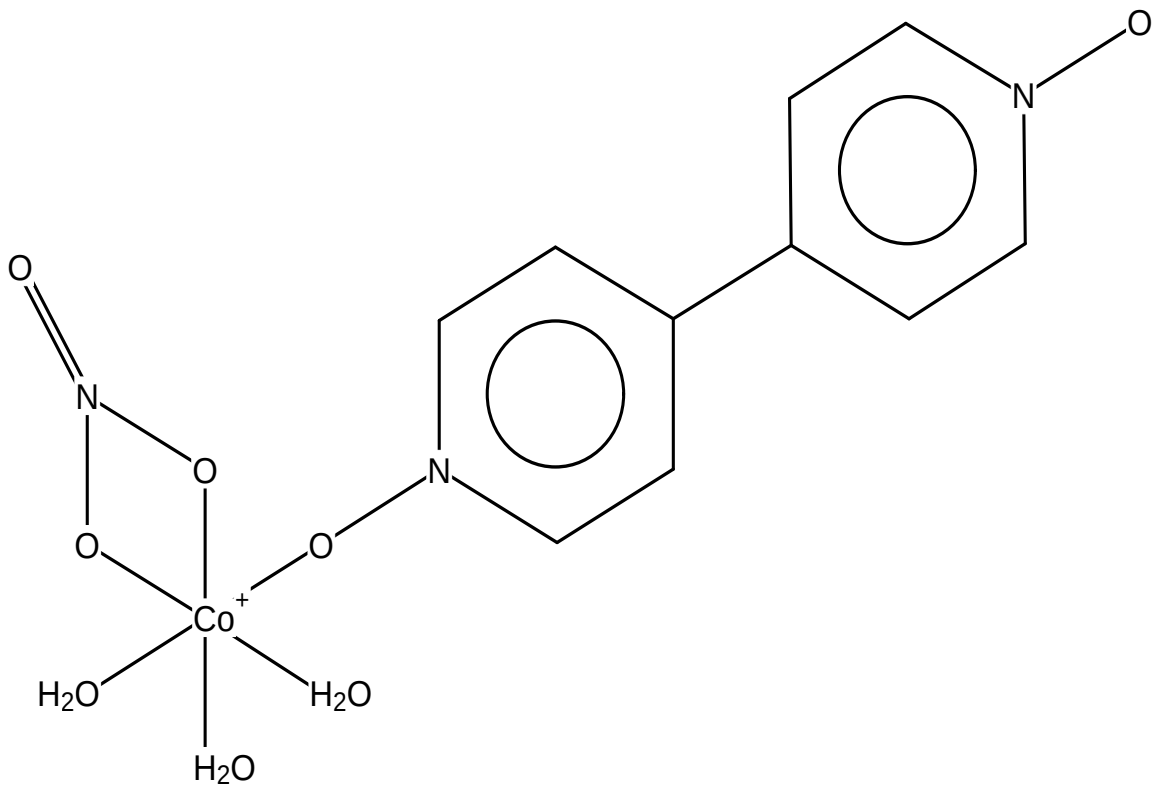
Reference: S.A.Bourne, L.J.Moitsheki (2005) *CrystEngComm* ,**7,**674

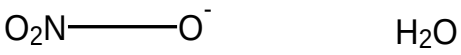
Formula: $C_{10}\ H_8\ N_2\ O_2$,$C_{10}\ H_{14}\ Co_1\ N_3\ O_8\ ^{1+}$,$N_1\ O_3\ ^{1-}$,$H_2\ O_1$

Compound Name: (4,4'-bipyridine-N,N'-dioxide-O)-triaqua-(nitrato-O,O')-cobalt(ii) nitrate (4, 4'-bipyridine-N,N'-dioxide) monohydrate

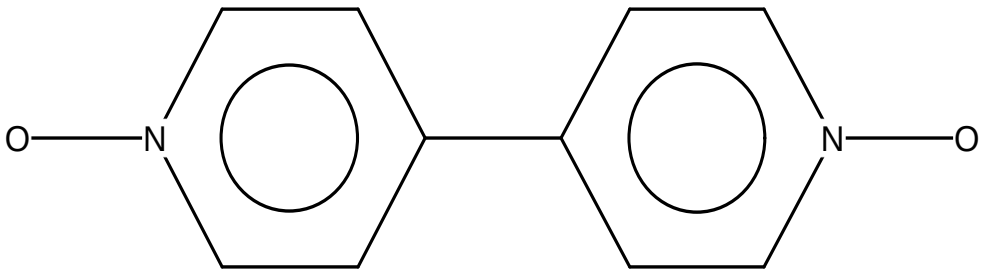
Space Group:	P-1	***Cell:***	***a***	12.129(2)	***b***	12.907(3)	***c***	17.896(4)
Space Group No.:	2	***(Å,°)***	α	77.49(3)	β	70.25(3)	γ	76.28(3)

R-Factor (%): 4.12 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.656





H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1259

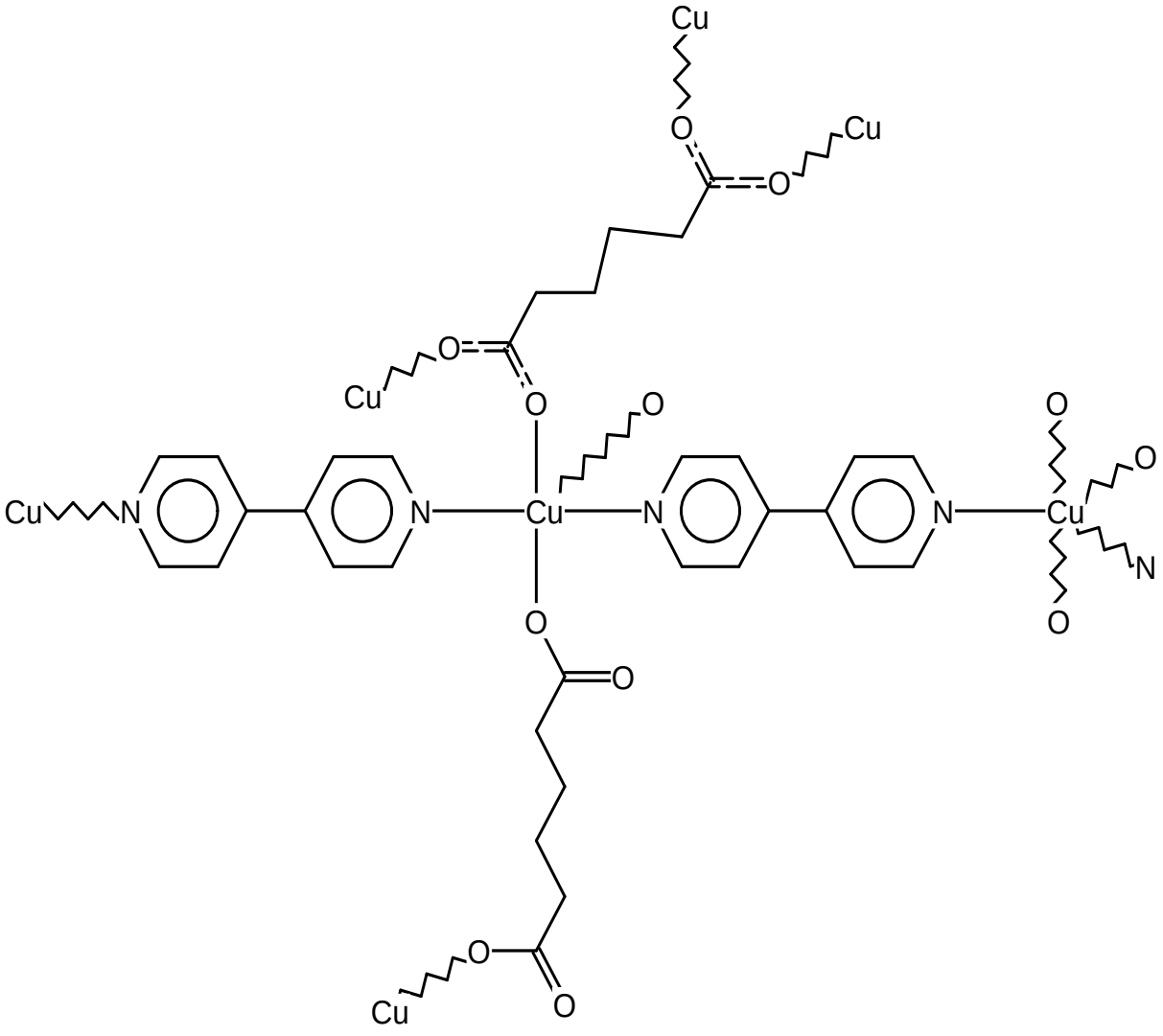
LAYLIH

Reference: Rui-Feng Hu, Yao Kang, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Yuan-Gen Yao (2005) *Z.Anorg.Allg.Chem.* ,**631,**3053

Formula: $(C_{32}\ H_{32}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-(μ_4-adipato-O,O',O'',O''')-(μ_2-adipato-O,O')-bis(μ_2-4,4'-bipyridyl-N,N')-di-copper(ii))

Space Group:	P-1	***Cell:***	***a***	8.865(0)	***b***	8.943(0)	***c***	10.639(0)
Space Group No.:	2	***(Å,°)***	α	89.52(0)	β	69.12(0)	γ	75.24(0)
R-Factor (%):	5.95	***Temperature(K):***	293		***Density(g/cm^3):***		1.592	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1260

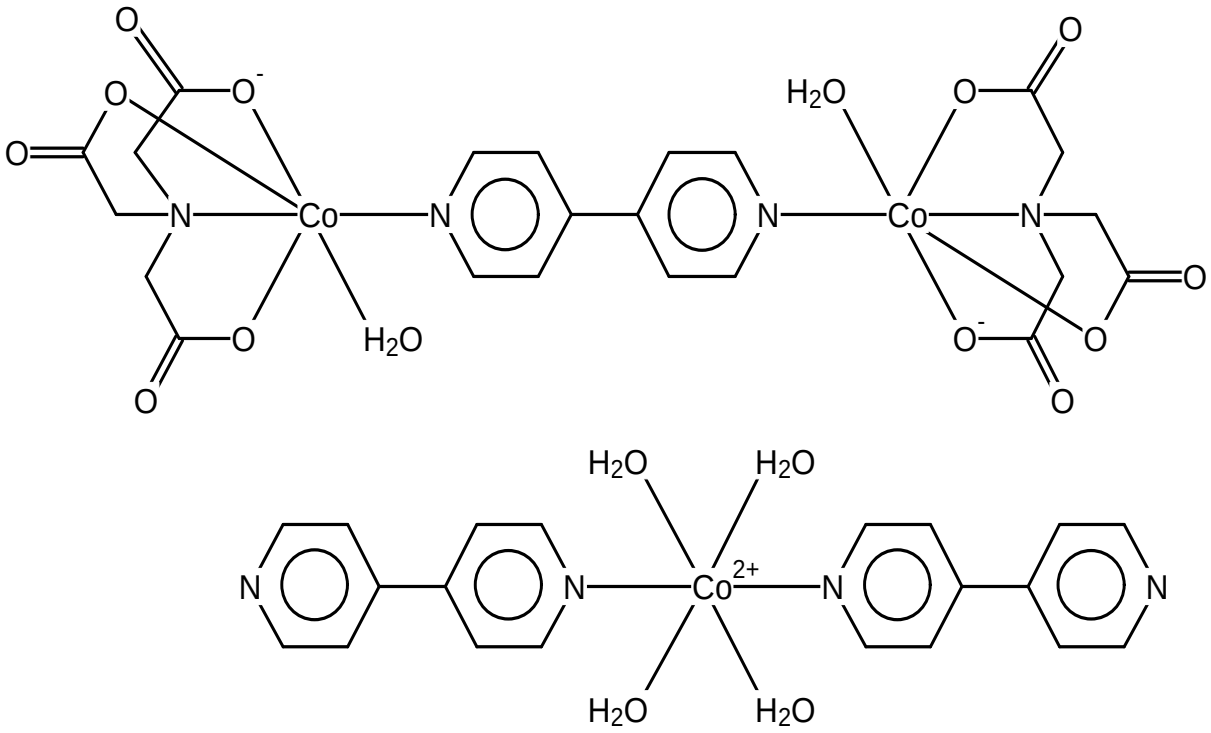
LAYNAB

Reference: Zilu Chen, Fupei Liang, Xingfu Tang, Mansheng Chen, Lihua Song, Ruixiang Hu (2005) *Z.Anorg.Allg.Chem.* ,**631,**3092

Formula: $C_{22}\ H_{24}\ Co_2\ N_4\ O_{14}\ ^{2-}$,$C_{20}\ H_{24}\ Co_1\ N_4\ O_4\ ^{2+}$

Compound Name: tetraaqua-bis(4,4'-bipyridyl-N,N')-cobalt(ii) (μ_2-4,4'-bipyridyl-N,N')-bis(nitrilotriacetato-N,O,O',O'')-diaqua-di-cobalt(ii)

Space Group:	P21/c	***Cell:***	***a***	9.135(0)	***b***	9.678(1)	***c*** 27.207(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.56(0)	γ 90.00
R-Factor (%):	3.35	***Temperature(K):***	296		***Density(g/cm^3):***		1.560



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1261

LAYRIM

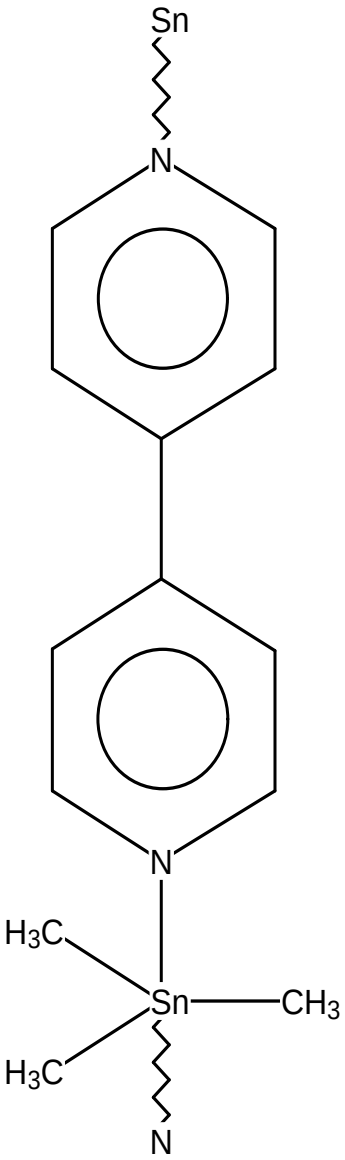
Reference: I.Lange, E.Wieland, P.G.Jones, A.Blaschette (1993)
*J.Organomet.Chem. ,***458,**57

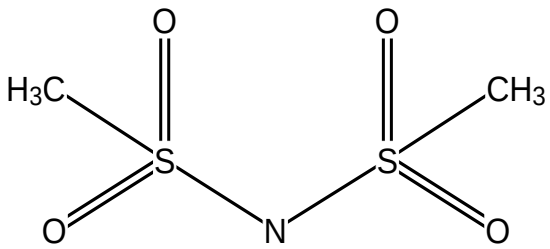
Formula: $(C_{13}\ H_{17}\ N_2\ Sn_1)n,n(C_2\ H_6\ N_1\ O_4\ S_2),n(C_2\ H_3\ N_1)$

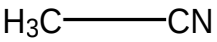
Compound Name: catena-(μ_2-4,4'-Bipyridyl-trimethyl-tin) dimesylamide acetonitrile solvate)

Space Group:	P21/n	***Cell:***	***a***	9.309(2)	***b***	11.059(4)	***c*** 22.274(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.27(2)	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 178 ***Density(g/cm^3):*** 1.546







Search: search1 (Thu May 26 10:05:42 2011): Hit 1262

LEBNIQ

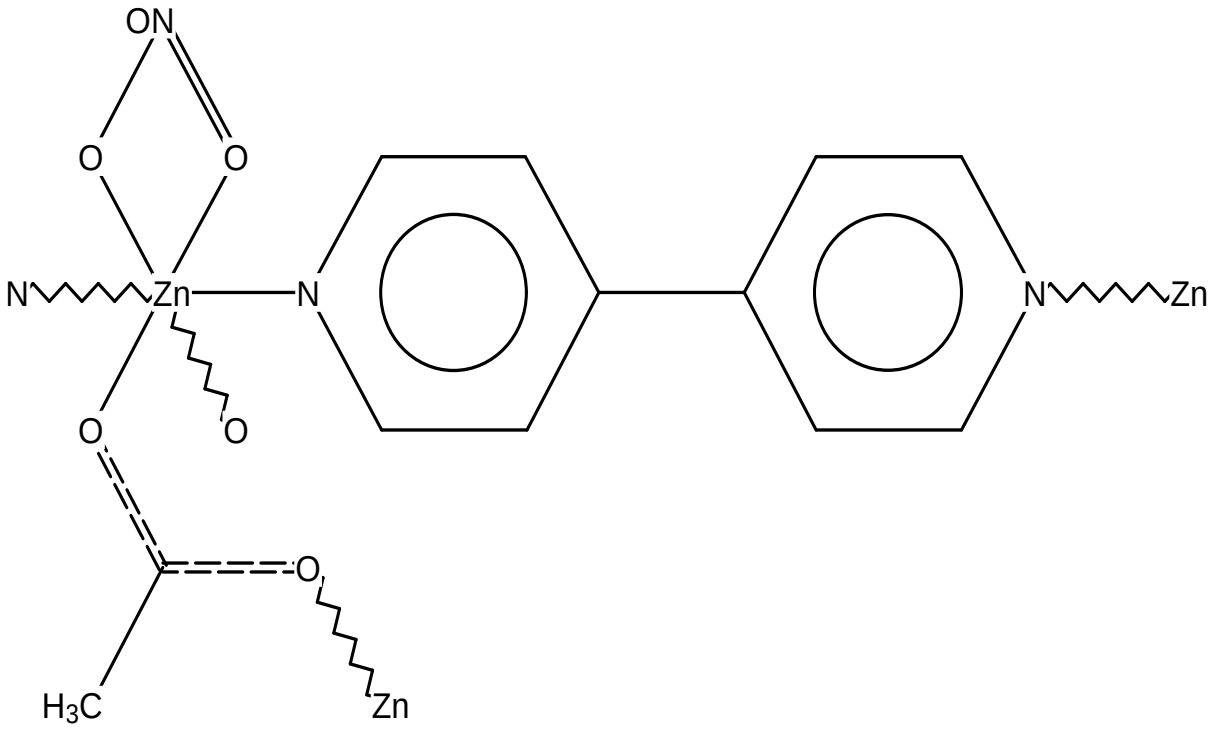
Reference: Chen Xu, Haibin Qiao, Hongyan Mao, Hongyun Zhang, Qing'an Wu, Honglei Liu, Yu Zhu (2004) *Zhengzhou Daxue Xuebao,Lixueban(Chin.)(J.Zhengzhou Univ.(Sci.Ed.))* , **36,**67

Formula: $(C_{12}\ H_{11}\ N_3\ O_5\ Zn_1)n$

Compound Name: catena-(μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridine)-(nitrato-O,O')-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	9.206(1)	***b*** 10.701(2)	***c***	8.083(1)
Space Group No.:	2	***(Å,°)***	α	99.94(3)	β 101.49(3)	γ	109.76(3)

R-Factor (%): 10.99 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1263

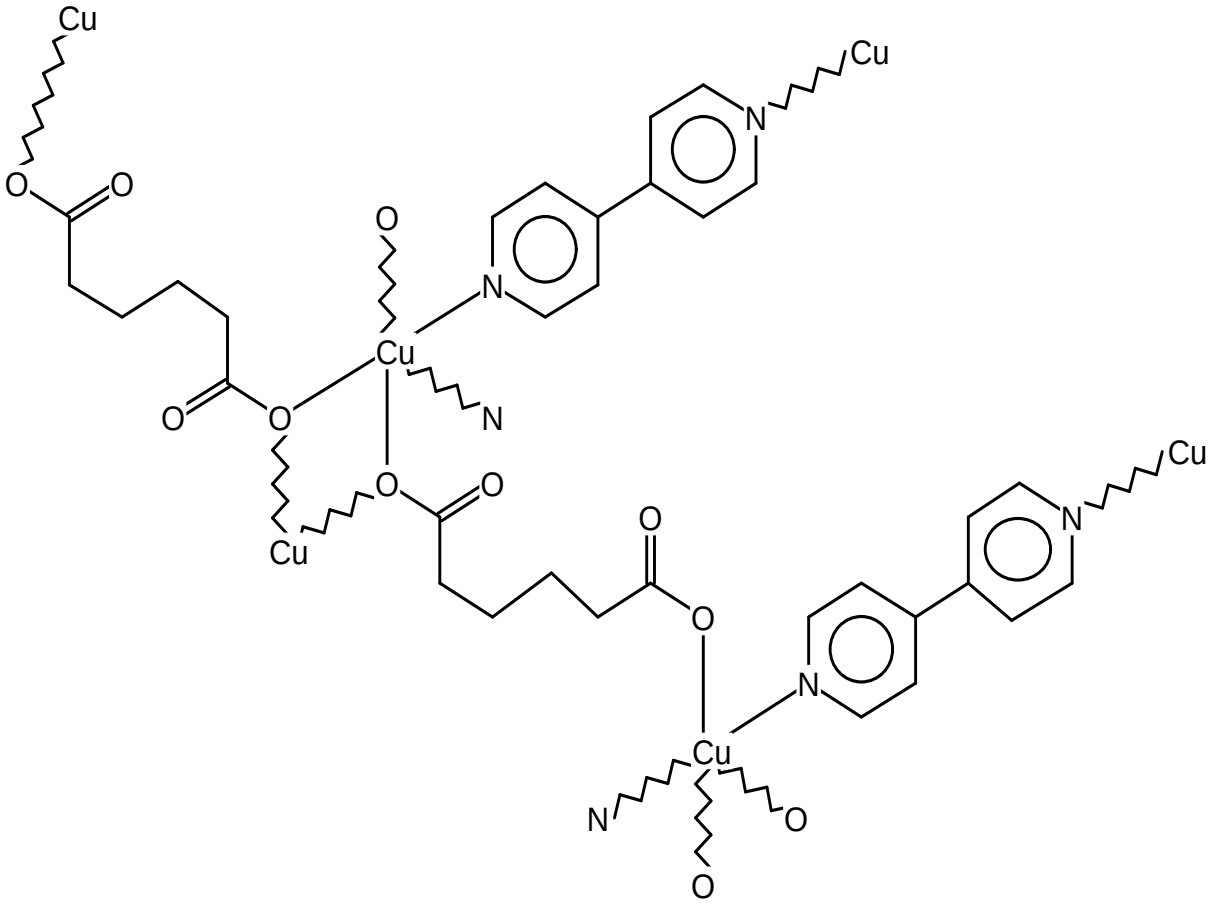
LECBOL

Reference: Rui-Feng Hu, Yao Kang, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Yuan-Gen Yao (2005) *Z.Anorg.Allg.Chem.* ,**631,**3053

Formula: $(C_{32}\ H_{32}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-(bis(μ_3-adipato-O,O',O')-bis(μ_2-4,4'-bipyridyl-N,N')-di-copper(ii))

Space Group:	Cc	***Cell:***	***a***	11.152(1)	***b***	15.396(1)	***c*** 17.742(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	105.72(0)	γ 90.00
R-Factor (%):	8.54	***Temperature(K):***	293		***Density(g/cm^3):***		1.648



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1264

LEHJEO

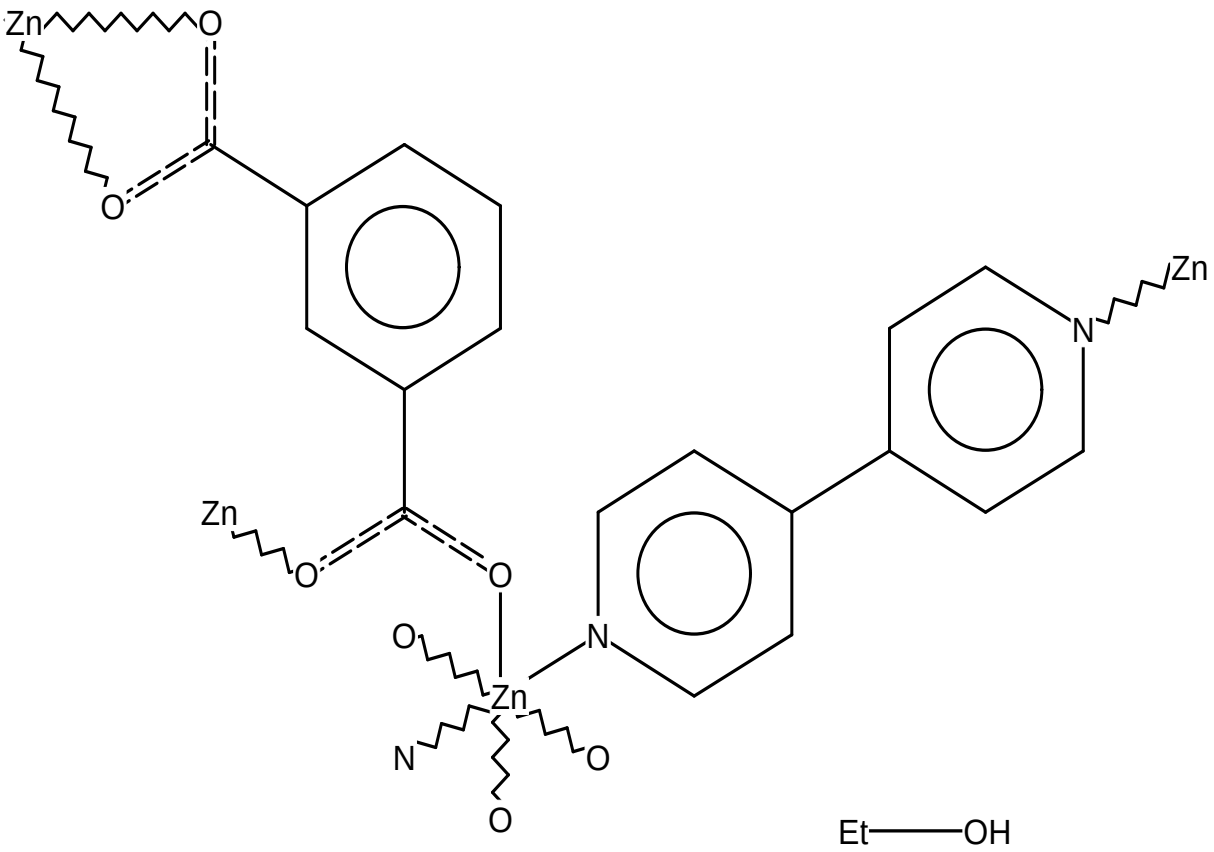
Reference: Ge Tian, Guangshan Zhu, Qianrong Fang, Xiaodan Guo, Ming Xue, Jinyu Sun, Shilun Qiu (2006) *J.Mol.Struct. ,***787,**45

Formula: $(C_{18}\ H_{12}\ N_2\ O_4\ Zn_1)n,n(C_2\ H_6\ O_1)$

Compound Name: catena-[(μ_3-Benzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridyl)-zinc ethanol solvate]

Space Group:	P2/c	***Cell:***	***a***	10.058(1)	***b*** 11.401(1)	***c***	16.107(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.44(0)	γ	90.00

R-Factor (%): 7.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.596



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1265

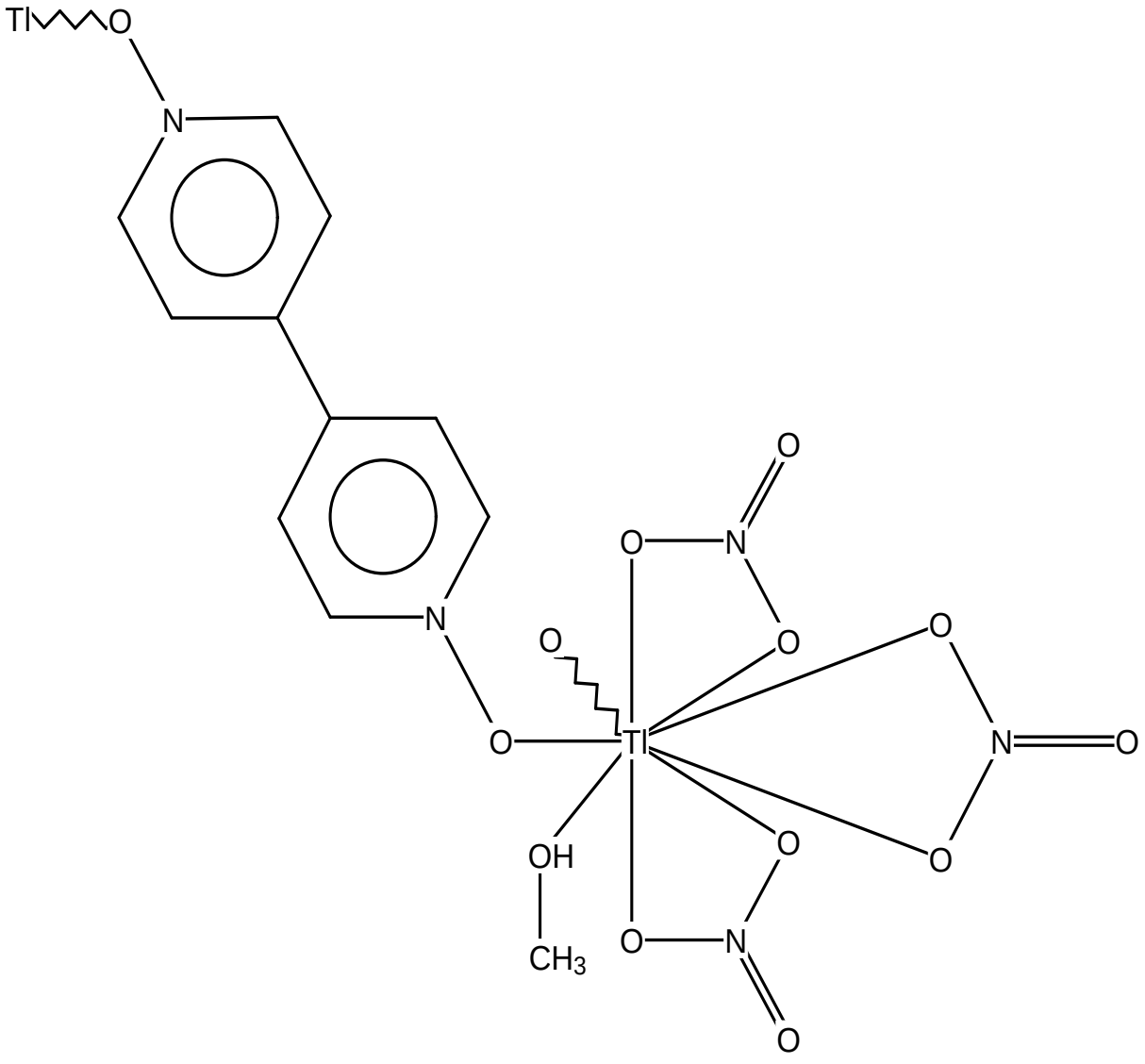
LEHNOC

Reference: L.J.Moitsheki, S.A.Bourne, L.R.Nassimbeni (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m677

Formula: $(C_{11}\ H_{12}\ N_5\ O_{12}\ Tl_1)n$

Compound Name: catena-((μ_2-4,4-Bipyridine N,N'-dioxide)-methanol-tris(nitrato-O,O')-thallium(iii))

Space Group:	C2/c	***Cell:***	***a***	15.337(3)	***b***	8.337(1)	***c***	14.091(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.40(3)	γ	90.00
R-Factor (%):	3.78	***Temperature(K):***	203		***Density(g/cm^3):***		2.255	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1266

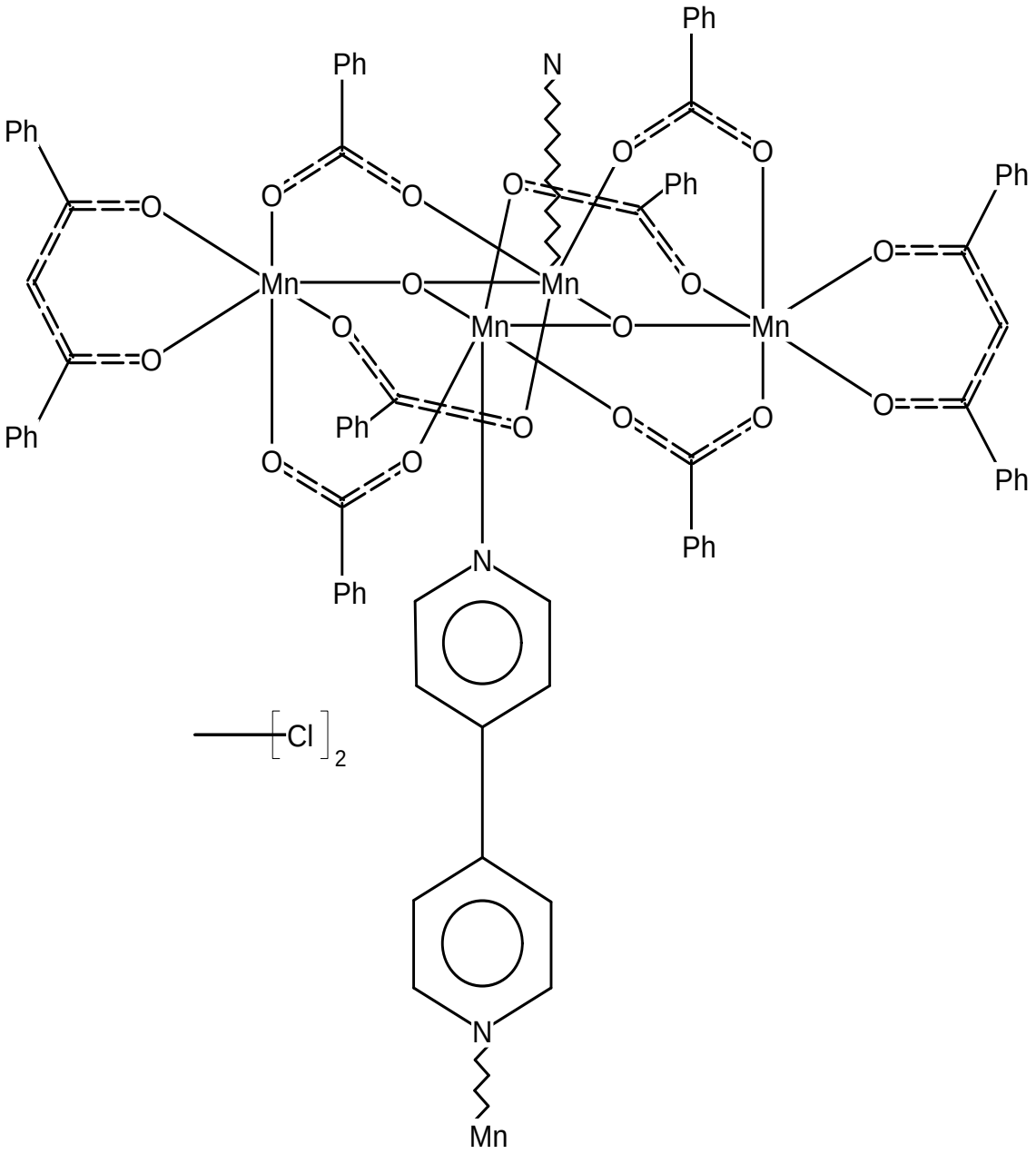
LEJDOT

Reference: Sheyi Wang, Hui-Lien Tsai, K.Folting, J.D.Martin, D.N.Hendrickson, G.Christou (1994) *Chem.Commun.* ,671

Formula: $(C_{82}\ H_{60}\ Mn_4\ N_2\ O_{18})n,2.5n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(bis(μ_3-Oxo)-hexakis(μ_2-benzoato)-bis(dibenzoylmethane)-(4,4-bipyridyl)-di-manganese dichloromethane solvate)

Space Group:	P-1	***Cell:***	***a*** 12.563(6)	***b*** 15.725(10)	***c*** 12.505(5)
Space Group No.:	2	***(Å,°)***	α 100.60(3)	β 109.09(2)	γ 67.70(3)
R-Factor (%):	15.56	***Temperature(K):***	127	***Density(g/cm^3):***	1.382



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1267

LEJVEC

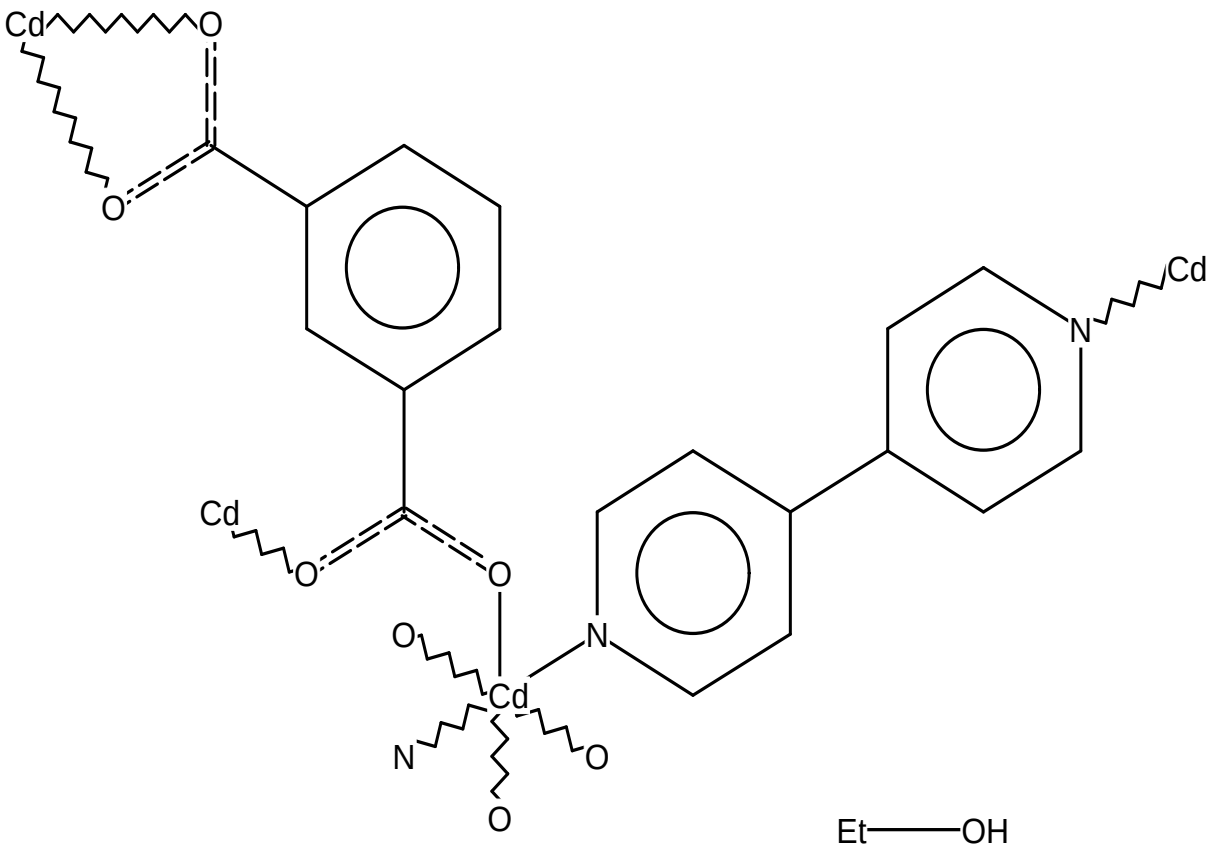
Reference: Ge Tian, Guangshan Zhu, Qianrong Fang, Xiaodan Guo, Ming Xue, Jinyu Sun, Shilun Qiu (2006) *J.Mol.Struct. ,***787,**45

Formula: $(C_{18}\ H_{12}\ Cd_1\ N_2\ O_4)n,n(C_2\ H_6\ O_1)$

Compound Name: catena-[(μ_3-Benzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridyl)-cadmium ethanol solvate]

Space Group:	P2/c	***Cell:***	***a***	10.282(1)	***b*** 11.716(1)	***c***	16.170(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.21(0)	γ	90.00

R-Factor (%): 6.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.677



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1268

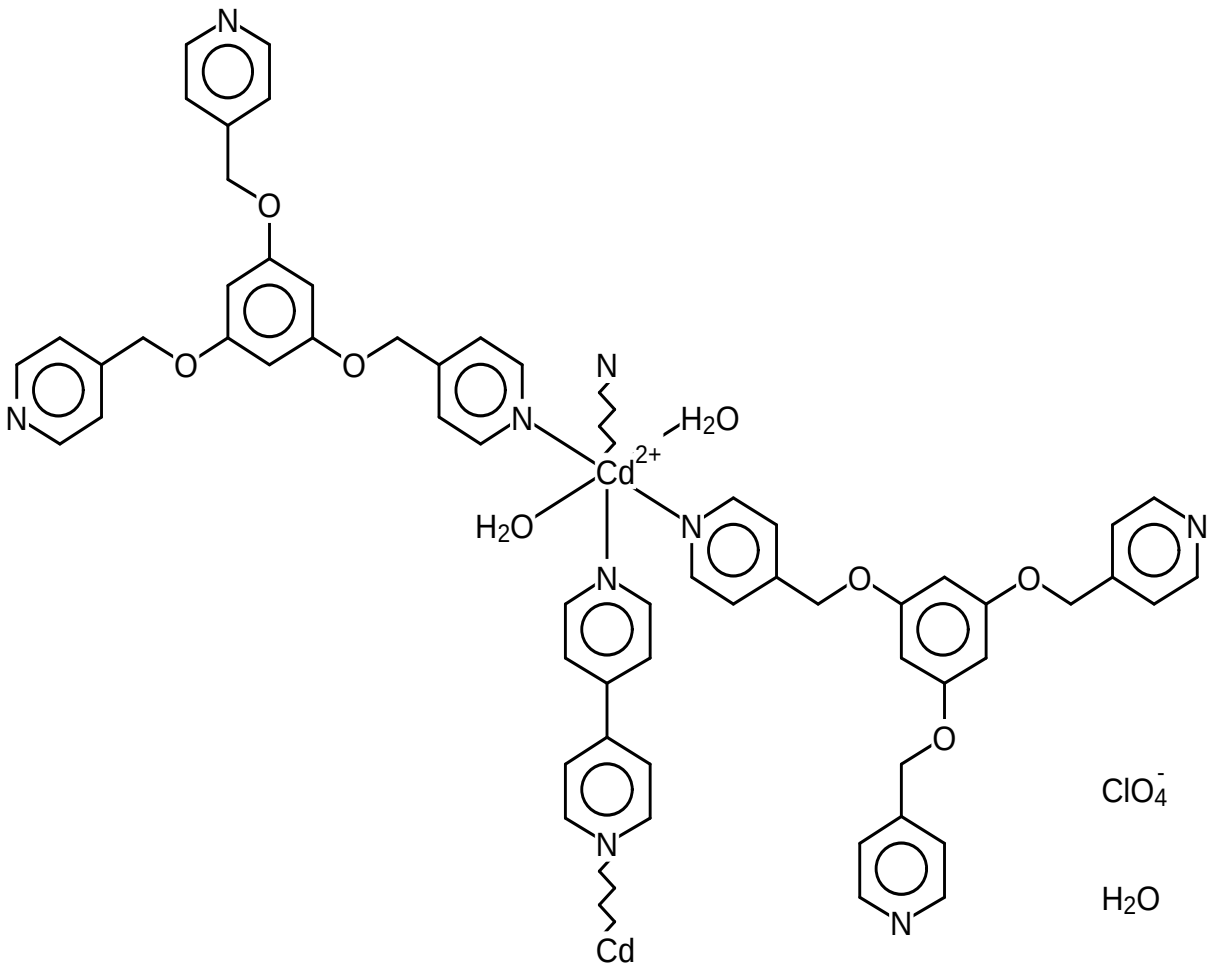
LEKBAF

Reference: Gang Wu, Zheng-Hua Zhang, T.Okamura, Wei-Yin Sun, N.Ueyama (2006) *Z.Anorg.Allg.Chem.* ,**632,**1560

Formula: $(C_{58}\ H_{54}\ Cd_1\ N_8\ O_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(1,3,5-tris(4-pyridylmethoxy) benzene)-cadmium(ii) diperchlorate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.797(6)	***b***	11.807(6)	***c***	13.970(11)
Space Group No.:	2	***(Å,°)***	α	88.03(6)	β	88.77(6)	γ	74.53(5)
R-Factor (%):	5.51	***Temperature(K):***	200		***Density(g/cm^3):***		1.466	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1269

LELKUJ

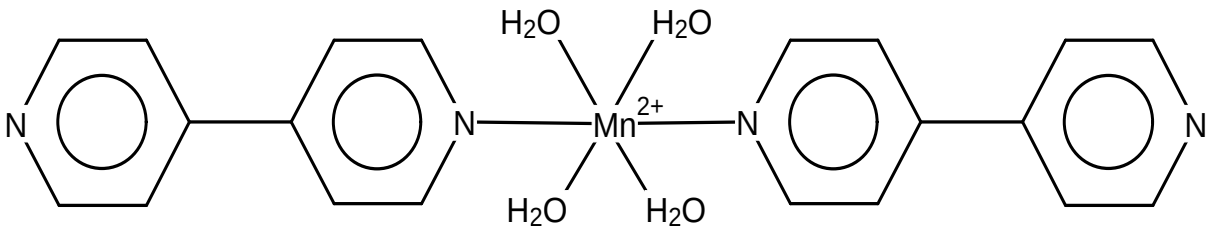
Reference: Ying Liu, Jian-Min Dou, Da-Qi Wang, Da-Cheng Li, Feng Xu, Lei Zhou, Huai-Jing Su (2006)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**25,**895

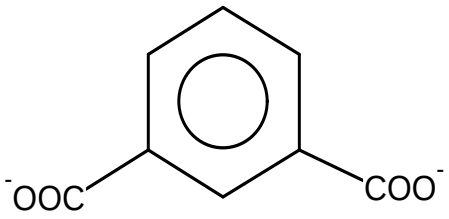
Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4\,^{2+}$,$C_8\,H_4\,O_4\,^{2-}$,4($H_2\,O_1$)

Compound Name: tetraaqua-bis(4,4'-bipyridine)-manganese benzene-1,3-dicarboxylate tetrahydrate

Space Group:	Cc	***Cell:***	***a***	18.147(4)	***b***	6.868(1)	***c*** 25.098(5)
Space Group No.:	9	***(Å,°)***	α	90.00	β	99.43(3)	γ 90.00

R-Factor (%): 3.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.454





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1270

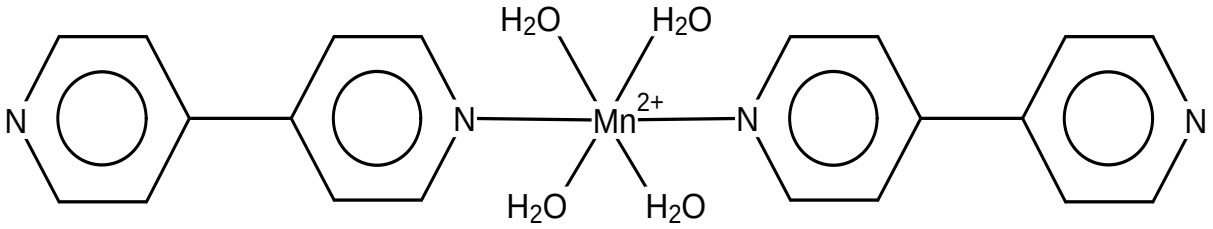
LELKUJ01

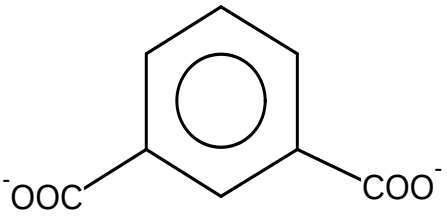
Reference: Ying Liu, Bao Zhang, Jian-Min Dou, Da-Qi Wang, Da-Cheng Li, Lei Zhou (2007) *J.Chem.Cryst. ,***37,**717

Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4^{\,2+},C_8\,H_4\,O_4^{\,2-},4(H_2\,O_1)$

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-manganese benzene-1,3-dicarboxylate tetrahydrate

Space Group:	Cc	***Cell:***	***a***	18.147(4)	***b***	6.868(1)	***c*** 25.098(5)
Space Group No.:	9	***(Å,°)***	α	90.00	β	99.43(3)	γ 90.00
R-Factor (%):	3.10	***Temperature(K):***	293		***Density(g/cm^3):***		1.454





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1271

LELMIZ

Reference: Suna Wang, Hang Xing, Yizhi Li, Junfeng Bai, Yi Pan, M.Scheer, Xiaozeng You (2006) *Eur.J.Inorg.Chem.* ,3041

Formula: $(C_{34}\ H_{42}\ Cd_3\ N_2\ O_{26})n,8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-1,3,5-tris(carboxymethoxybenzene))-(μ_2-4,4'-bipyridyl)-octaaqua-tri-cadmium(ii) octahydrate)

Space Group:	P-1	***Cell:***	***a***	9.824(7)	***b***	11.936(8)	***c***	12.680(9)
Space Group No.:	2	***(Å,°)***	α	64.56(1)	β	75.95(1)	γ	72.29(1)

R-Factor (%): 4.85 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.802

n-$Cd_3[\mu_3$-$C_{12}H_9O_9$-κ^5O,O',O'',O''',O''''$]_2$--
--$[\mu_2$-$C_{10}H_8N_2$-κ^2N,N'$][H_2O]_8$

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1272

LELRAV

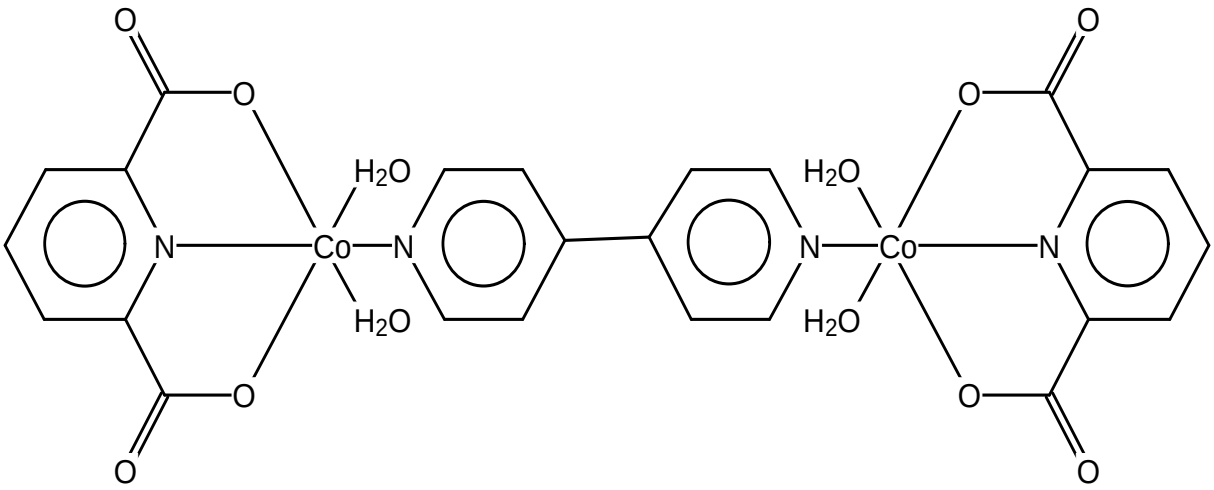
Reference: Long-Gen Zhu, You-Xiang Wang, Chun-Ying Duan, Xing-Shui Yang, Xiao-Zeng You, Jin-Shun Huang (1992) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**50,**583

Formula: $C_{24}\ H_{22}\ Co_2\ N_4\ O_{12}$,8($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(diaqua-(pyridine-2,6-dicarboxylato)-cobalt) octahydrate

Space Group:	P21/c	***Cell:***	***a***	10.614(5)	***b*** 20.144(8)	***c***	7.342(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.33(3)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.808



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1273

LELXAC

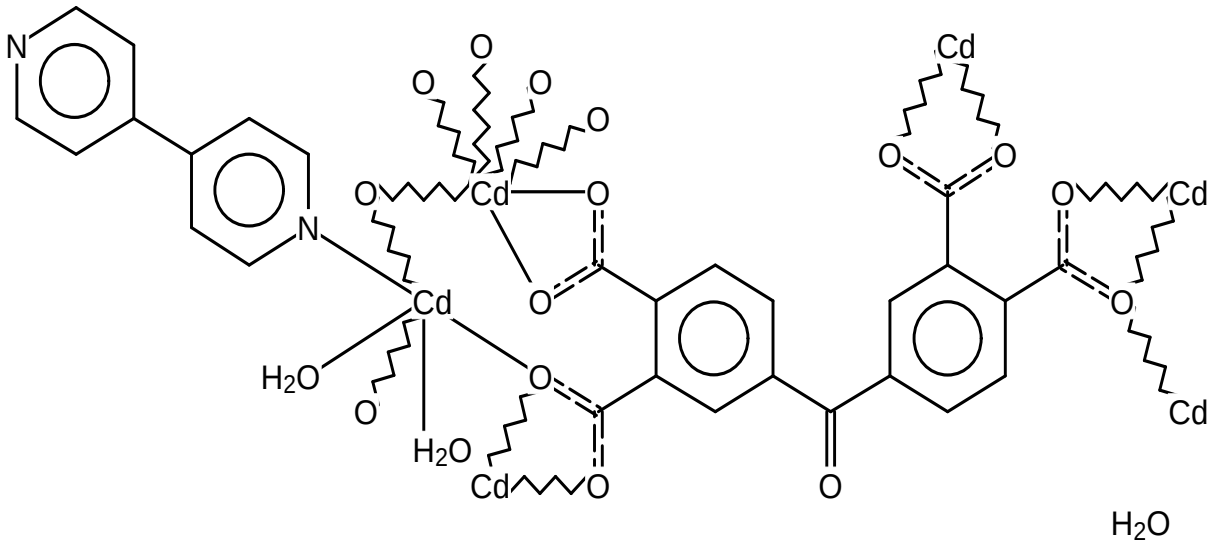
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{27}\ H_{18}\ Cd_2\ N_2\ O_{11})n,n(H_2\ O_1)$

Compound Name: catena-((μ_6-benzophenone-3,3',4,4'-tetracarboxylato)-diaqua-(4,4'-bipyridine)-di-cadmium monohydrate)

Space Group:	P21/n	***Cell:***	***a***	7.111(1)	***b***	13.699(3)	***c*** 27.255(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.34(3)	γ 90.00

R-Factor (%): 3.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.980



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1274

LELXEG

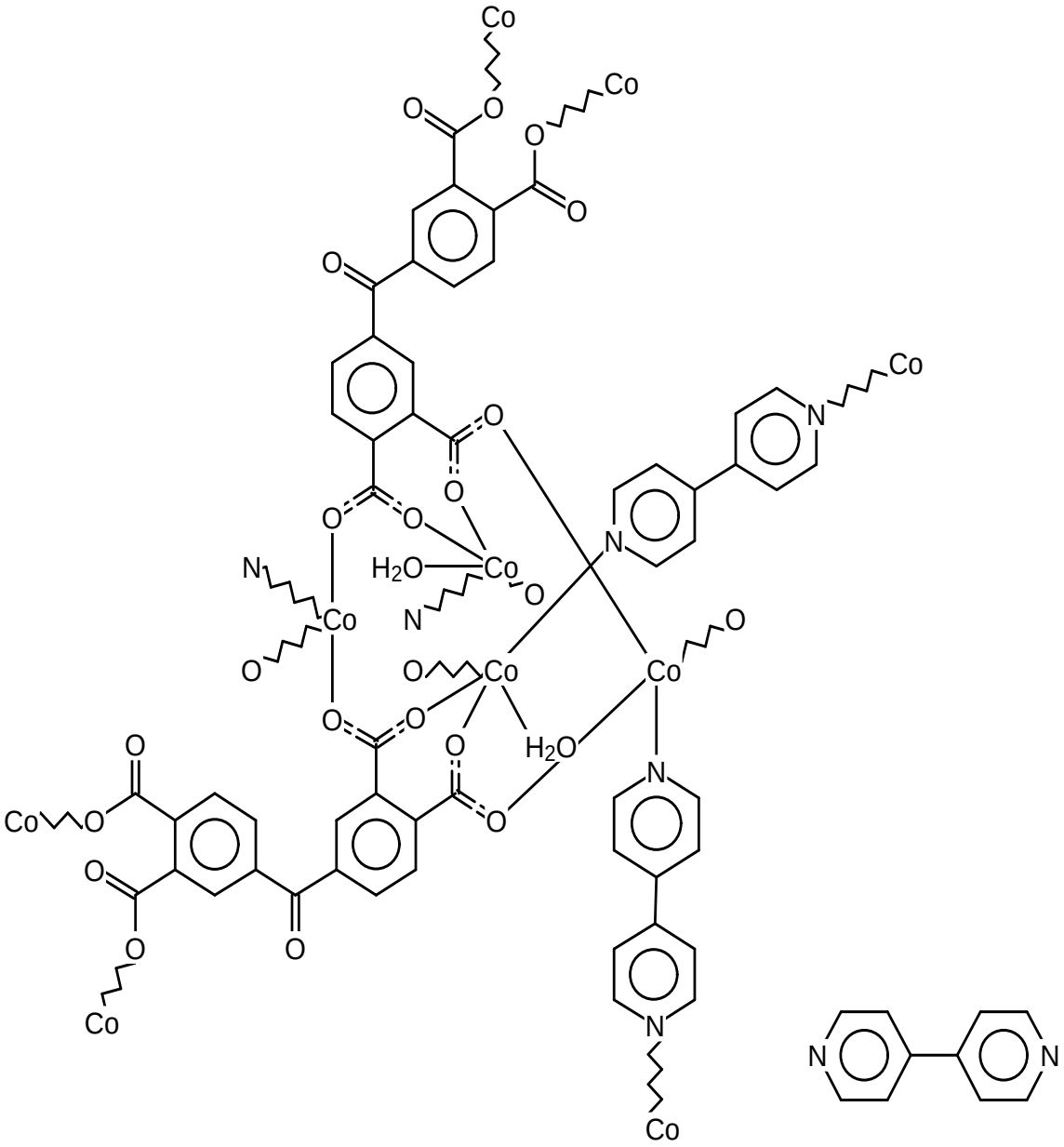
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{54}\ H_{32}\ Co_4\ N_4\ O_{20})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_5-benzophenone-3,3',4,4'-tetracarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-tetra-cobalt(ii) 4,4'-bipyridine solvate)

Space Group:	P21/n	***Cell:***	***a***	10.999(2)	***b***	14.993(3)	***c*** 16.700(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.57(3)	γ 90.00

R-Factor (%): 3.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.755



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1275

LELXIK

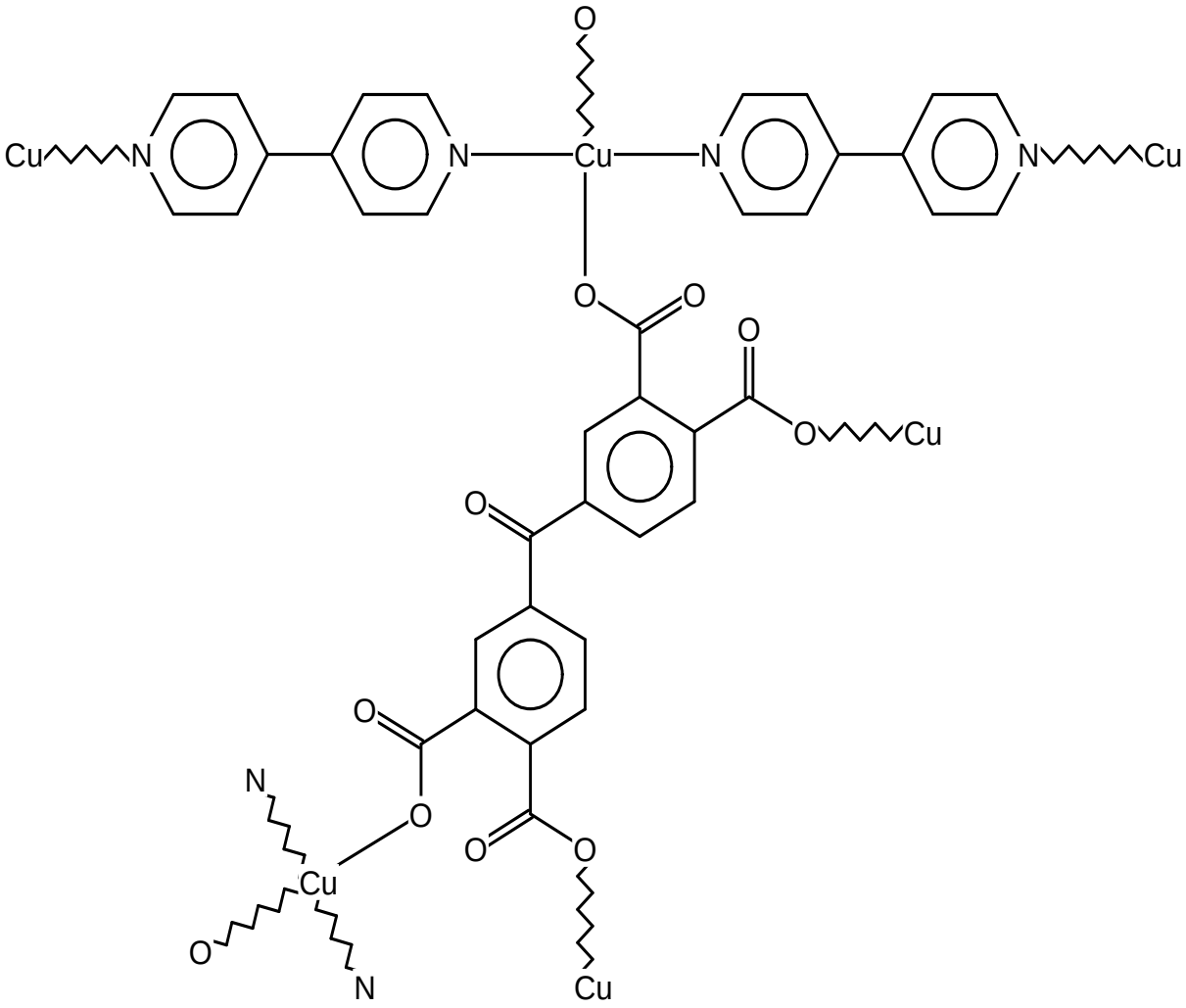
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{37}\ H_{22}\ Cu_2\ N_4\ O_9)n$

Compound Name: catena-((μ_4-benzophenone-3,3',4,4'-tetracarboxylato)-bis(μ_2-4,4'-bipyridine)-di-copper(ii))

Space Group:	Fdd2	***Cell:***	***a***	23.243(5)	***b***	27.437(6)	***c*** 11.451(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.88 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.444



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1276

LELXOQ

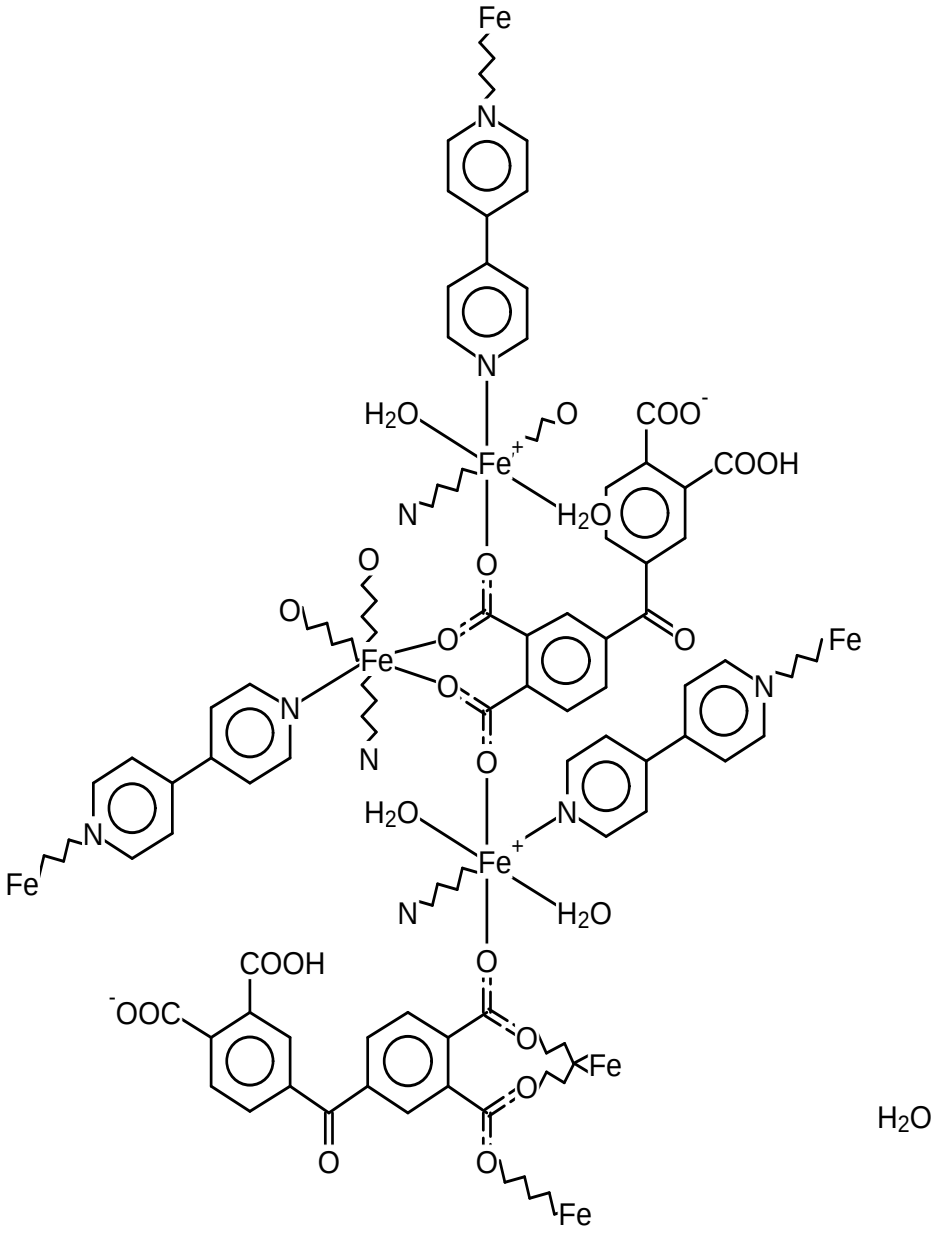
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{64}\ H_{46}\ Fe_3\ N_6\ O_{22})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-benzophenone-3,3',4,4'-tetracarboxylato)-tris(μ_2-4,4'-bipyridine)-tetra-aqua-tri-iron dihydrate)

Space Group:	P2/c	***Cell:***	***a***	11.370(2)	***b***	11.490(2)	***c***	22.933(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	93.91(3)	γ	90.00

R-Factor (%): 5.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.616



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1277

LELXUW

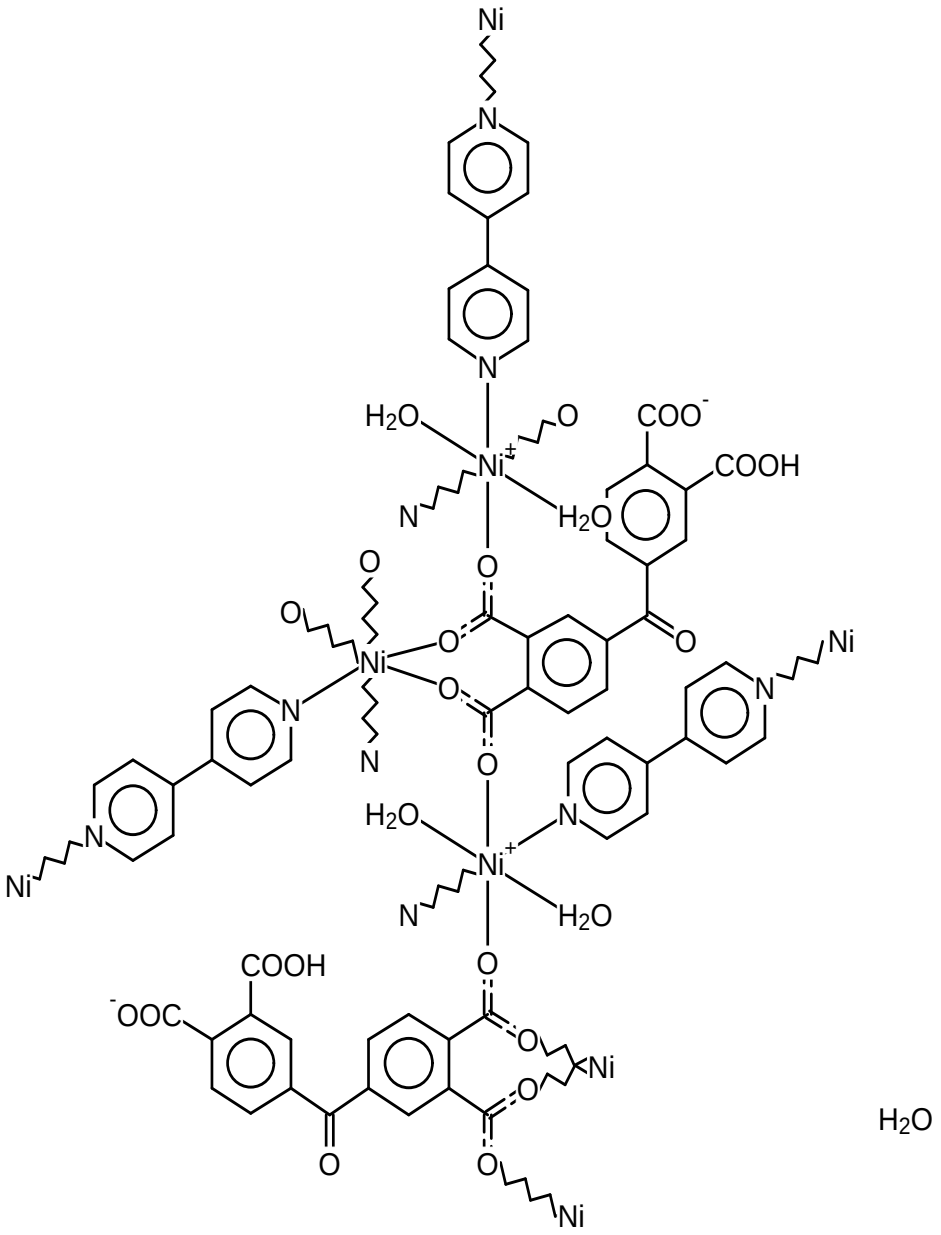
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{64}\ H_{46}\ N_6\ Ni_3\ O_{22})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-benzophenone-3,3',4,4'-tetracarboxylato)-tris(μ_2-4,4'-bipyridine)-tetra-aqua-tri-nickel dihydrate)

Space Group:	P2/c	***Cell:***	***a***	11.254(2)	***b***	11.312(2)	***c*** 22.898(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	93.29(3)	γ 90.00

R-Factor (%): 4.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.670



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1278

LELYAD

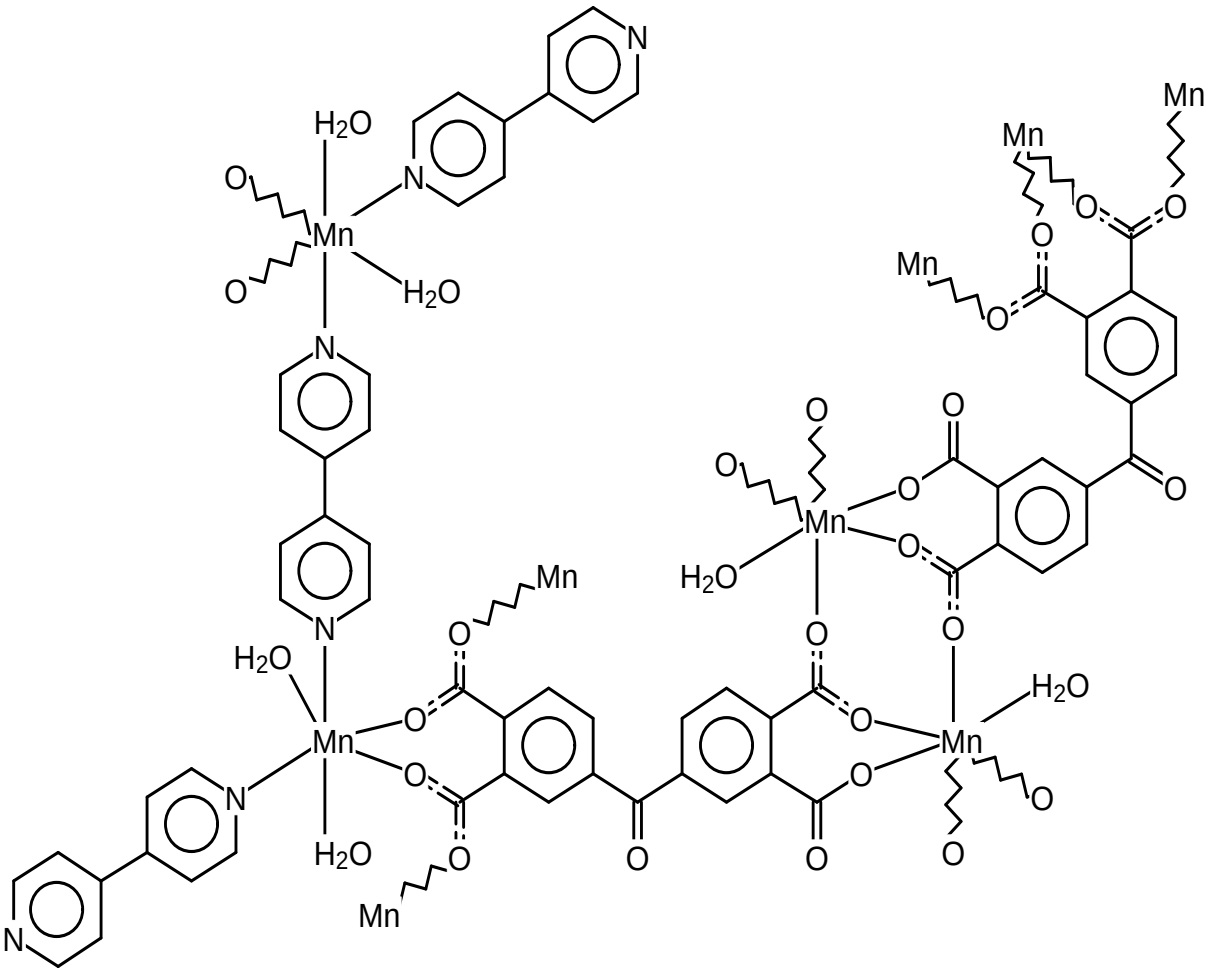
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{64}\ H_{48}\ Mn_4\ N_6\ O_{24})n$

Compound Name: catena-(bis(μ_5-benzophenone-3,3',4,4'-tetracarboxylato)-(μ_2-4,4'-bipyridine)-hexa-aqua-bis(4,4'-bipyridine)-tetra-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	10.402(2)	***b***	11.850(2)	***c*** 13.880(3)
Space Group No.:	2	***(Å,°)***	α	107.41(3)	β	94.88(3)	γ 111.22(3)

R-Factor (%): 4.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.682



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1279

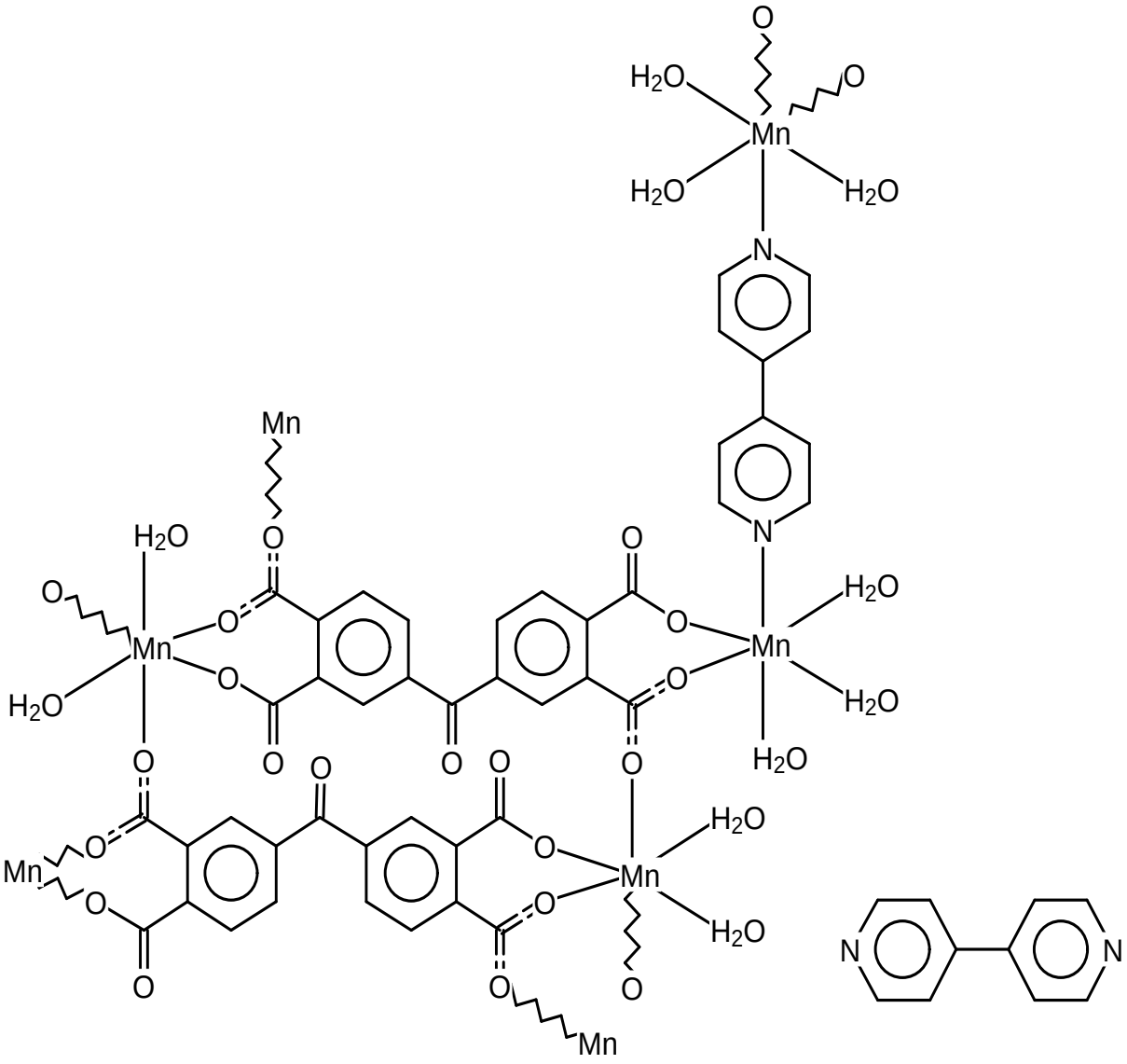
LELYEH

Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{44}\ H_{40}\ Mn_4\ N_2\ O_{28})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-benzophenone-3,3',4,4'-tetracarboxylato)-(μ_2-4,4'-bipyridine)-deca-aqua-tetra-manganese(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	9.965(2)	***b***	10.819(2)	***c*** 15.607(3)
Space Group No.:	2	***(Å,°)***	α	109.39(3)	β	97.90(3)	γ 105.99(3)
R-Factor (%):	4.06	***Temperature(K):***	293	***Density(g/cm3):***	1.598		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1280

LELYIL

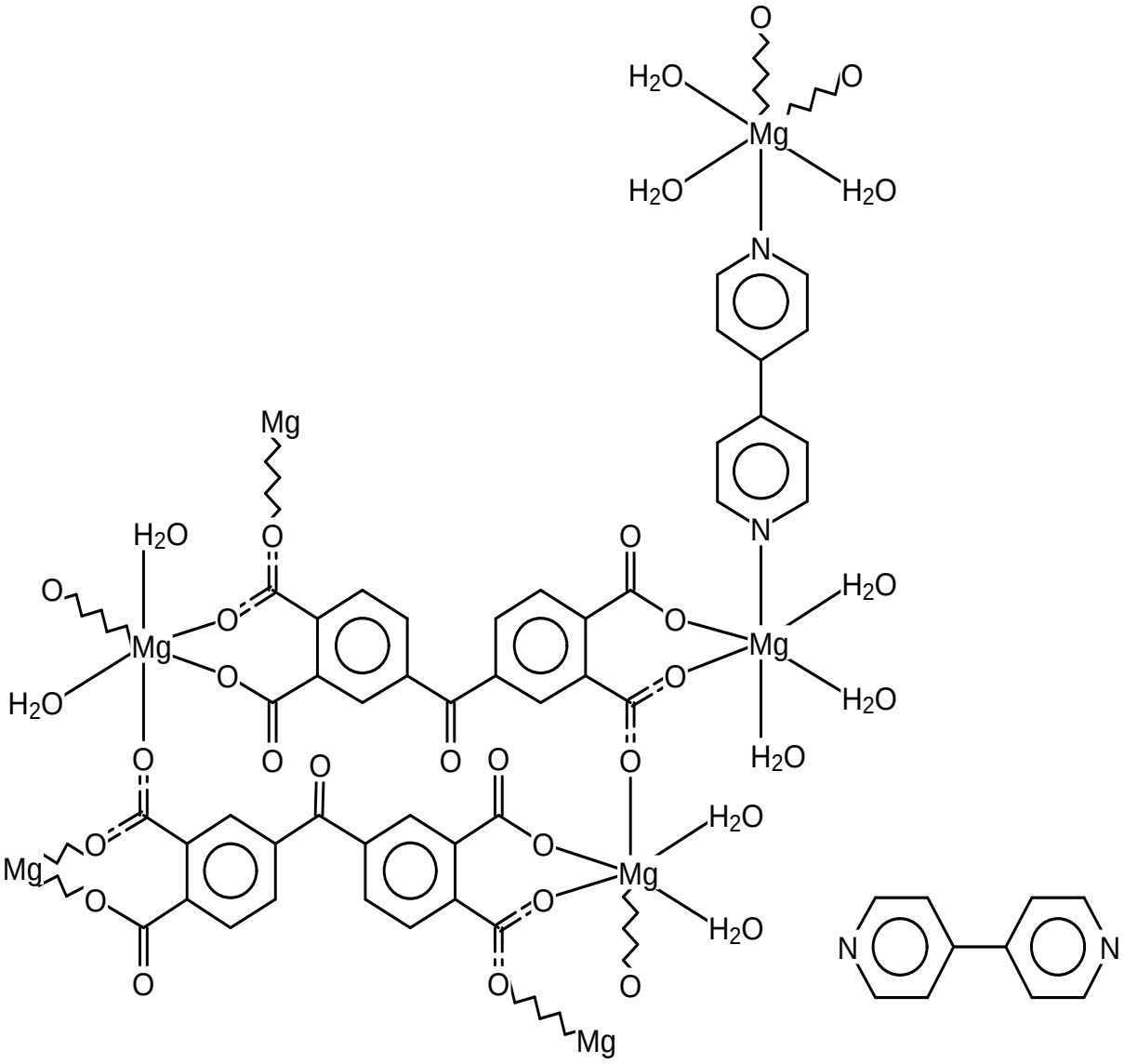
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{44}\ H_{40}\ Mg_4\ N_2\ O_{28})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-benzophenone-3,3',4,4'-tetracarboxylato)-(μ_2-4,4'-bipyridine)-deca-aqua-tetra-magnesium(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	9.777(2)	***b***	10.669(2)	***c*** 15.434(3)
Space Group No.:	2	***(Å,°)***	α	109.52(3)	β	97.14(3)	γ 106.21(3)

R-Factor (%): 4.87 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1281

LELYOR

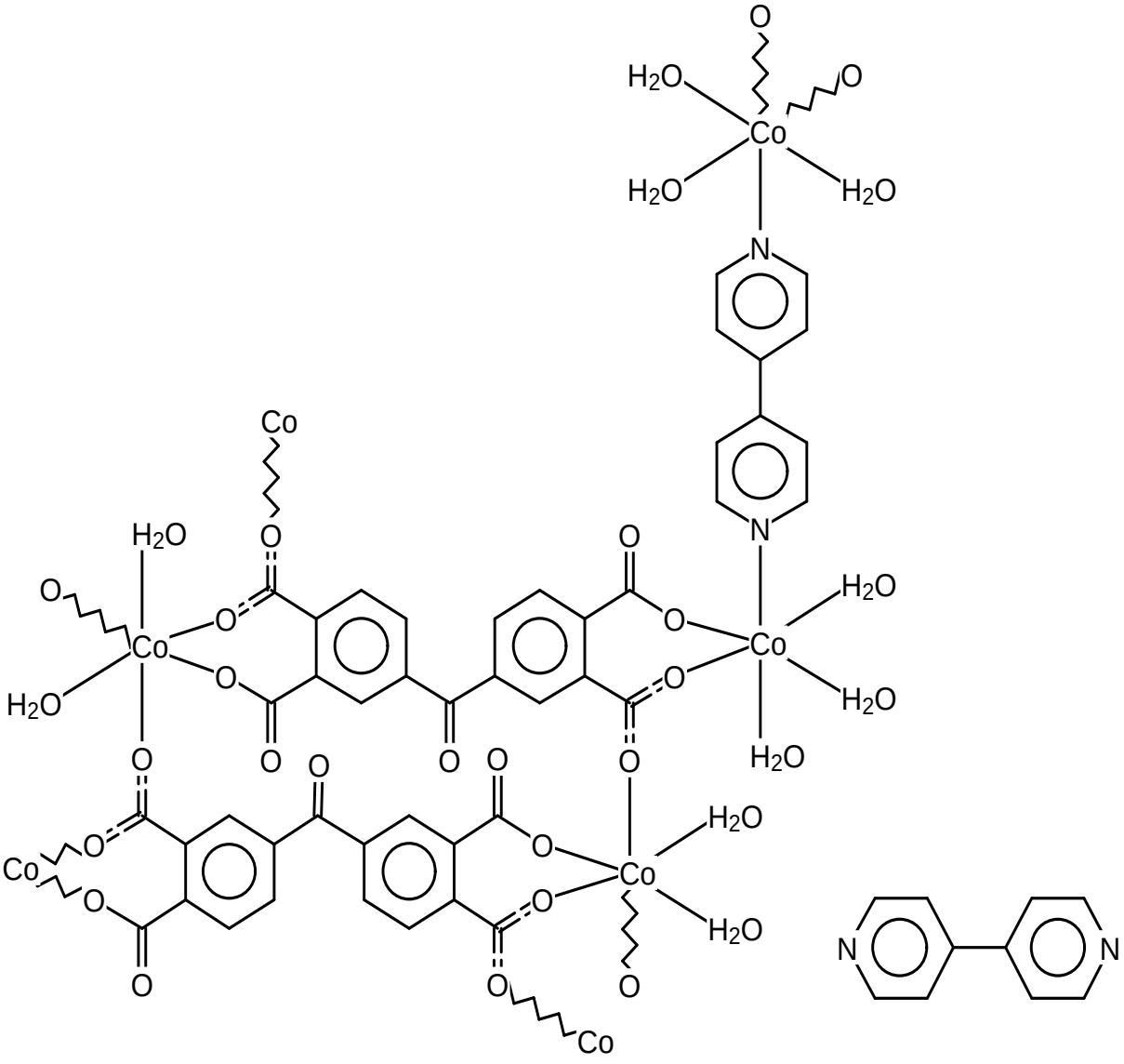
Reference: Dong-Rong Xiao, En-Bo Wang, Hai-Yan An, Yang-Guang Li, Zhong-Min Su, Chun-Yan Sun (2006) *Chem.-Eur.J.* , **12,**6528

Formula: $(C_{44}\ H_{40}\ Co_4\ N_2\ O_{28})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-benzophenone-3,3',4,4'-tetracarboxylato)-(μ_2-4,4'-bipyridine)-deca-aqua-tetra-cobalt(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	9.788(2)	***b***	10.661(2)	***c*** 15.452(3)
Space Group No.:	2	***(Å,°)***	α	109.26(3)	β	98.00(3)	γ 105.84(3)

R-Factor (%): 4.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.684



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1282

LEPJEV

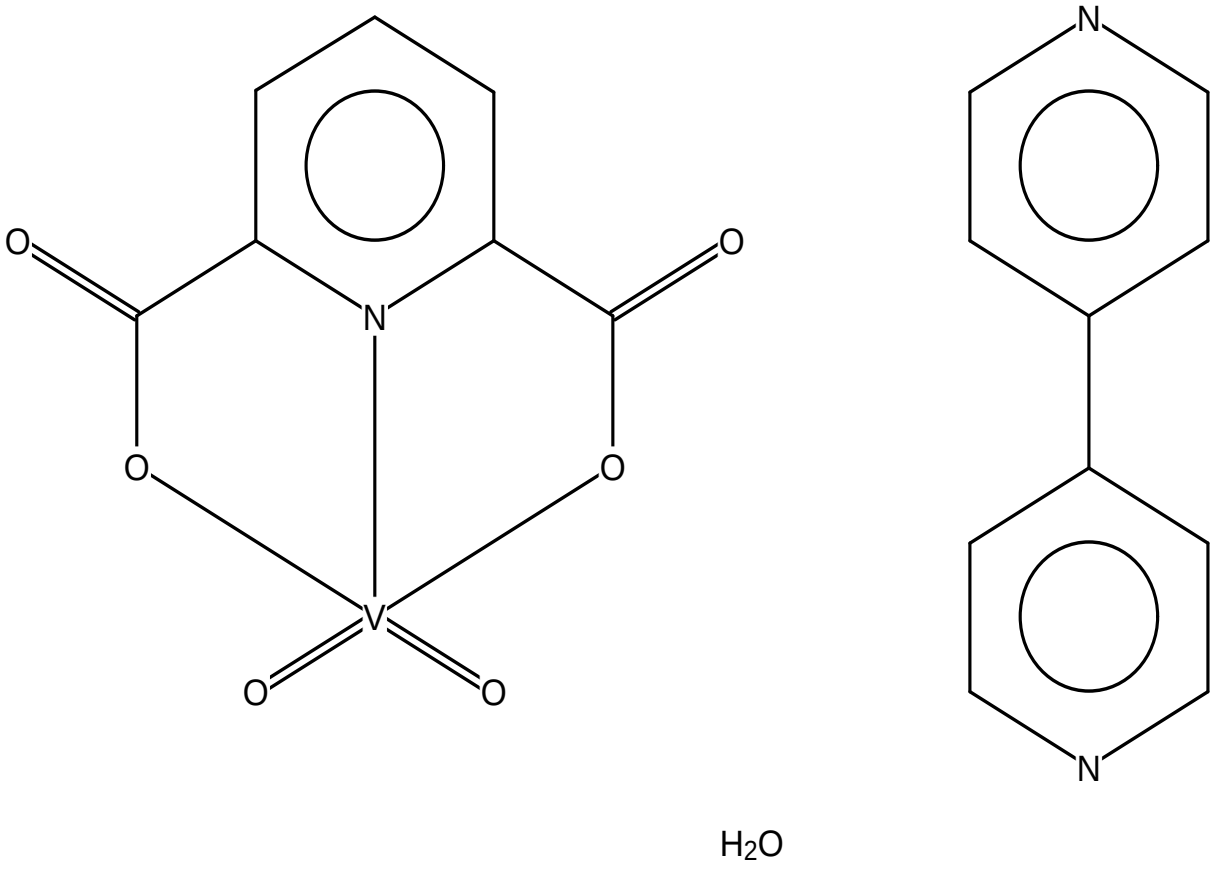
Reference: Zhu Long-Gen, Duan Chun-Ying, Wang You-Xiang, Yang Xing-Shui, You Xiao-Zeng, Hunag Jin-Shun (1994) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**13,**83

Formula: $2(C_7 H_3 N_1 O_6 V_1),C_{10} H_8 N_2,4(H_2 O_1)$

Compound Name: Dioxo-(pyridine-2,6-dicarboxylato)-vanadium 4,4'-bipyridyl tetrahydrate

Space Group:	C2/c	***Cell:***	***a***	25.857(8)	***b*** 6.896(1)	***c***	16.267(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.27(4)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.727



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1283

LEQQAA

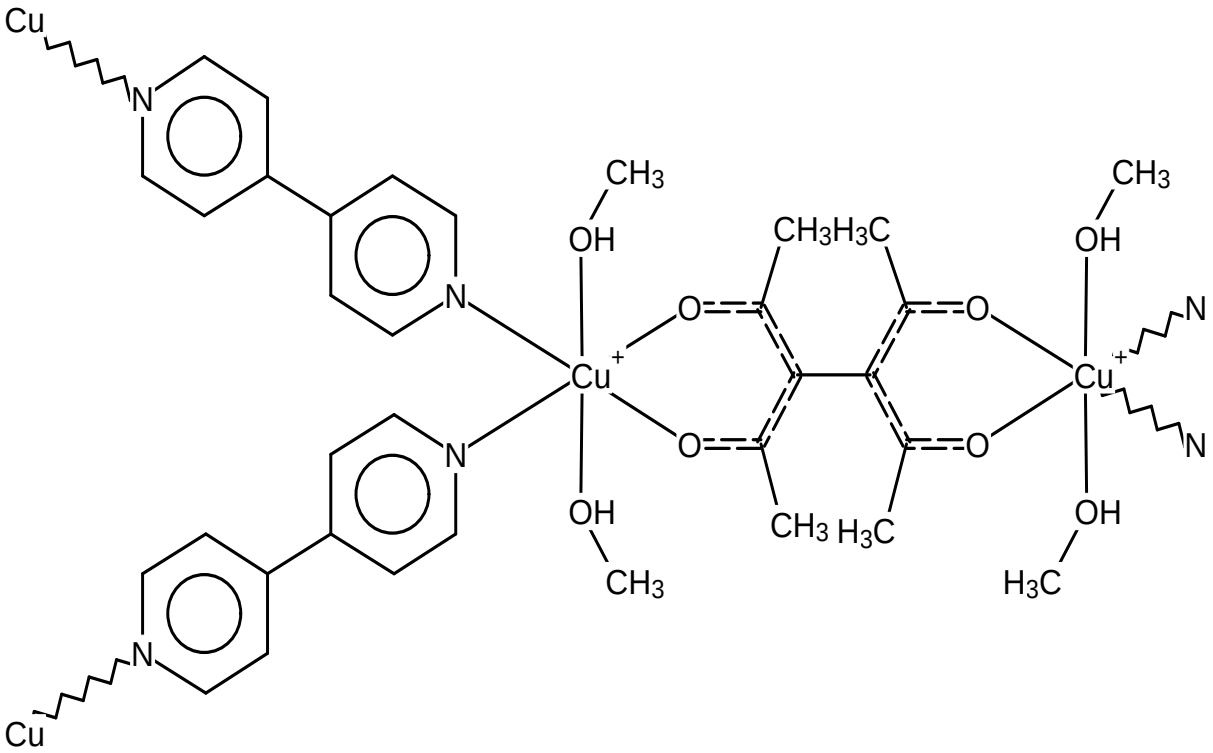
Reference: B.S.Luisi, V.Ch.Kravtsov, B.D.Moulton (2006)
Cryst.Growth Des. ,**6,**2207

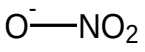
Formula: $(C_{34}\ H_{44}\ Cu_2\ N_4\ O_8\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),0.54n(C_1\ H_4\ O_1)$

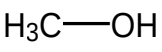
Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-1,1,2,2-tetra-acetylethane-O,O',O'',O''')-tetrakis(methanol)-di-copper(ii) dinitrate methanol solvate)

Space Group:	P42/nbc	***Cell:***	***a***	21.435(2)	***b***	21.435(2)	***c***	11.382(2)
Space Group No.:	133	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.56 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.150







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1284

LEQQEE

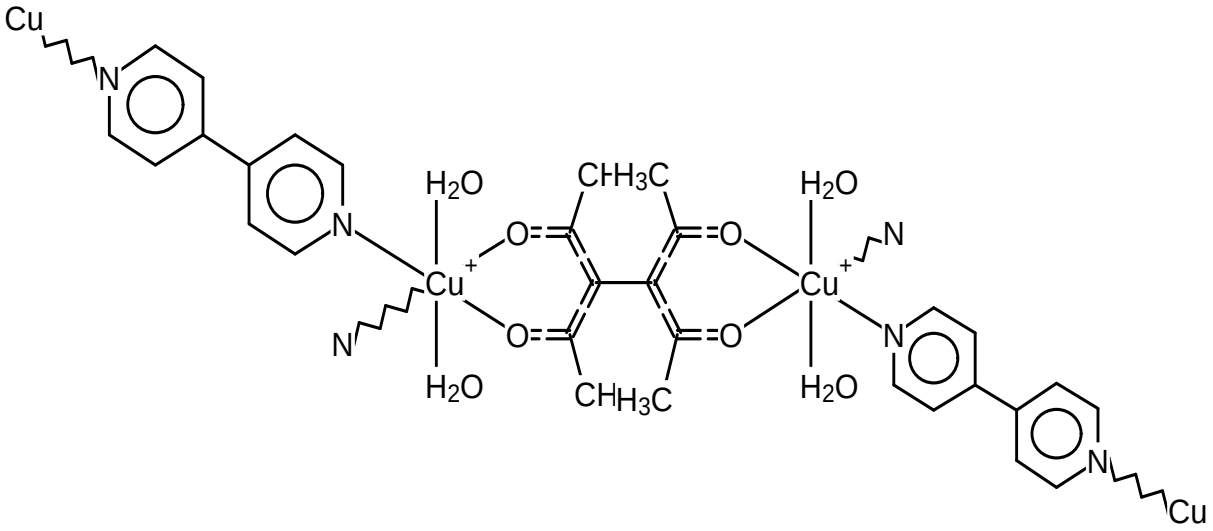
Reference: B.S.Luisi, V.Ch.Kravtsov, B.D.Moulton (2006)
Cryst.Growth Des. ,**6,**2207

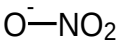
Formula: $(C_{30}\ H_{36}\ Cu_2\ N_4\ O_8\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-1,1,2,2-tetra-acetylethane-O,O',O'',O''')-tetra-aqua-di-copper(ii) dinitrate tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	10.043(3)	***b***	31.429(9)	***c***	11.821(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.98(0)	γ	90.00

R-Factor (%): 8.46 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.611





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1285

LEQQII

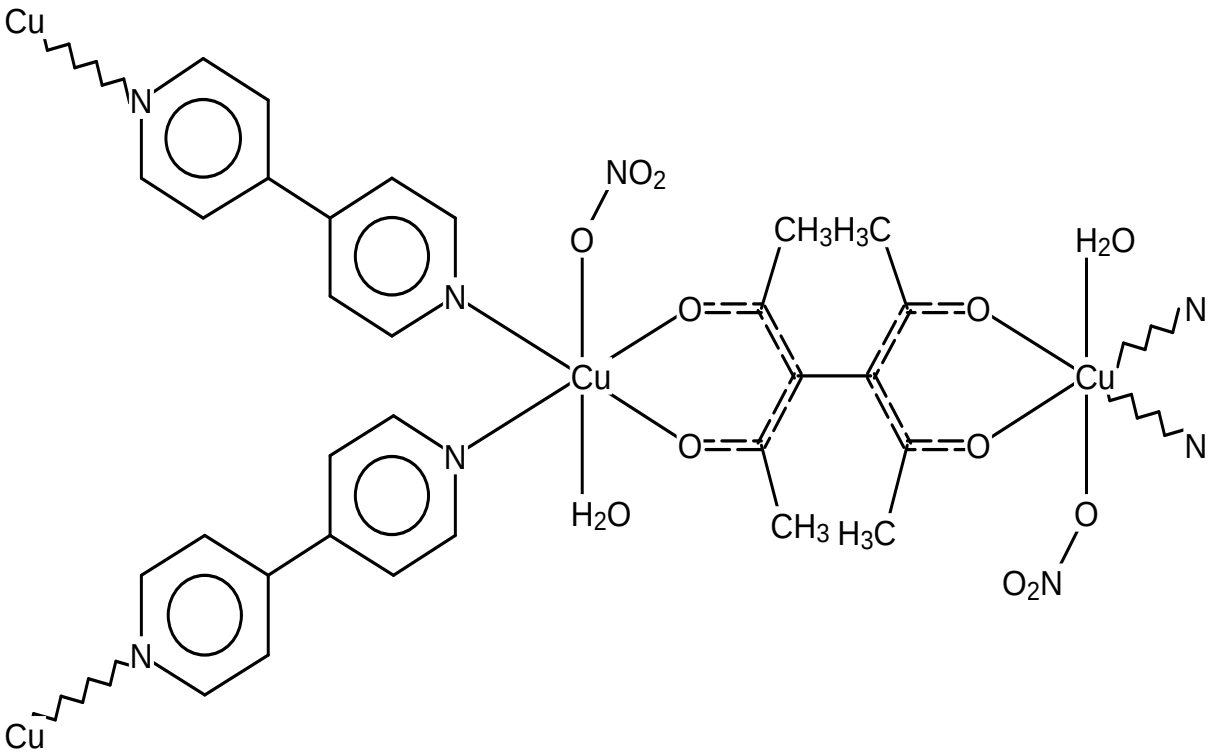
Reference: B.S.Luisi, V.Ch.Kravtsov, B.D.Moulton (2006)
Cryst.Growth Des. ,**6,**2207

Formula: $(C_{30}\ H_{32}\ Cu_2\ N_6\ O_{12})n,7.26n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-1,1,2,2-tetra-acetylethane-O,O',O'',O''')-diaqua-bis(nitrato-O)-di-copper(ii) hydrate)

Space Group:	P6122	***Cell:***	***a***	16.050(1)	***b***	16.050(1)	***c*** 36.843(7)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 19.51 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.123



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1286

LEQQOO

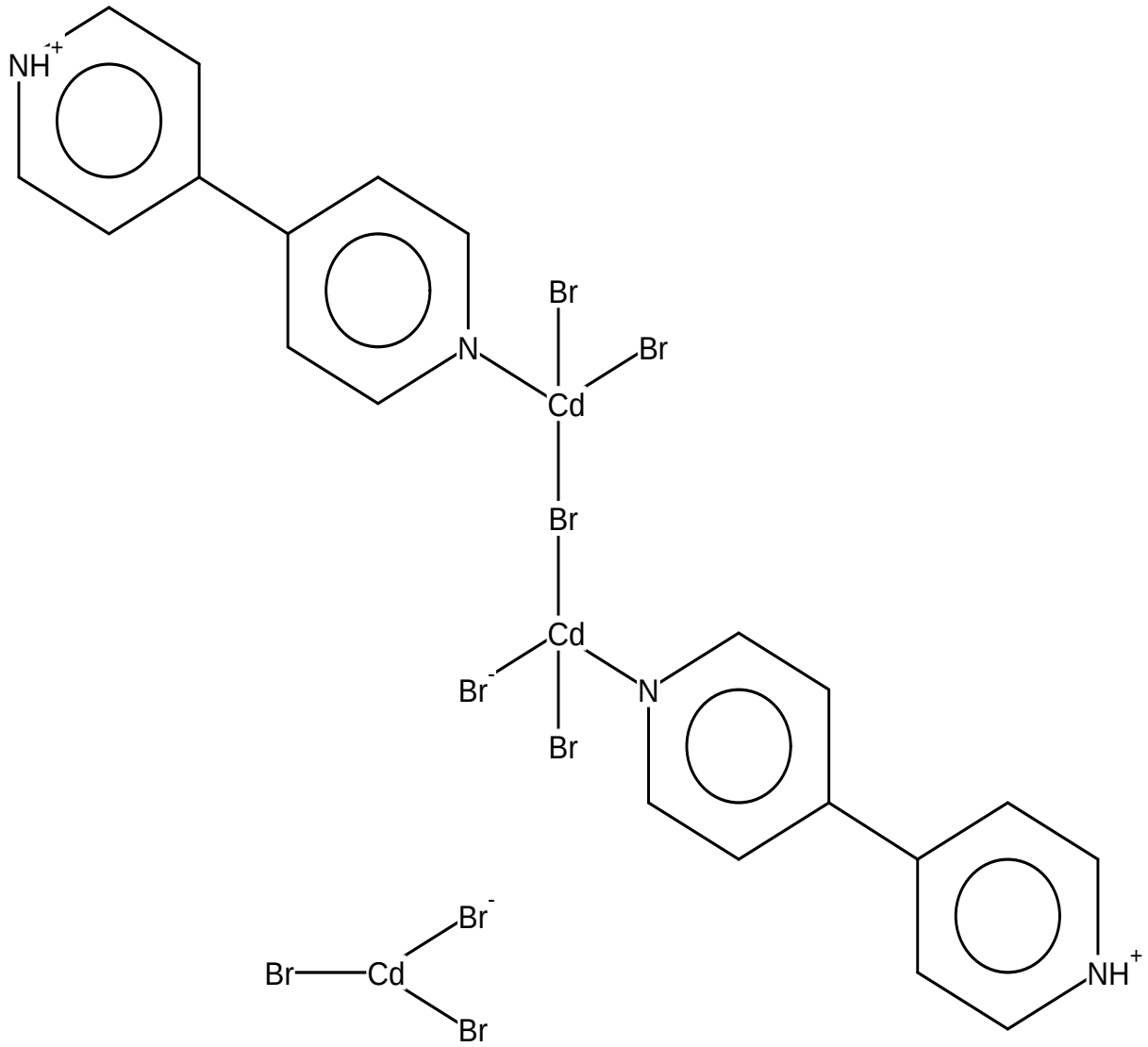
Reference: Wen-Tong Chen, Ming-Sheng Wang, Xi Liu, Guo-Cong Guo, Jin-Shun Huang (2006) *Cryst.Growth Des. ,***6,**2289

Formula: $C_{20}\ H_{18}\ Br_5\ Cd_2\ N_4\ ^{1+},Br_3\ Cd_1\ ^{1-}$

Compound Name: (μ_2-Bromo)-bis(4-(4-pyridinio)pyridine-N)-tetrabromo-di-cadmium tribromo-cadmium

Space Group:	Pnma	***Cell:***	***a***	14.845(5)	***b***	30.493(8)	***c***	8.876(2)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.134



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1287

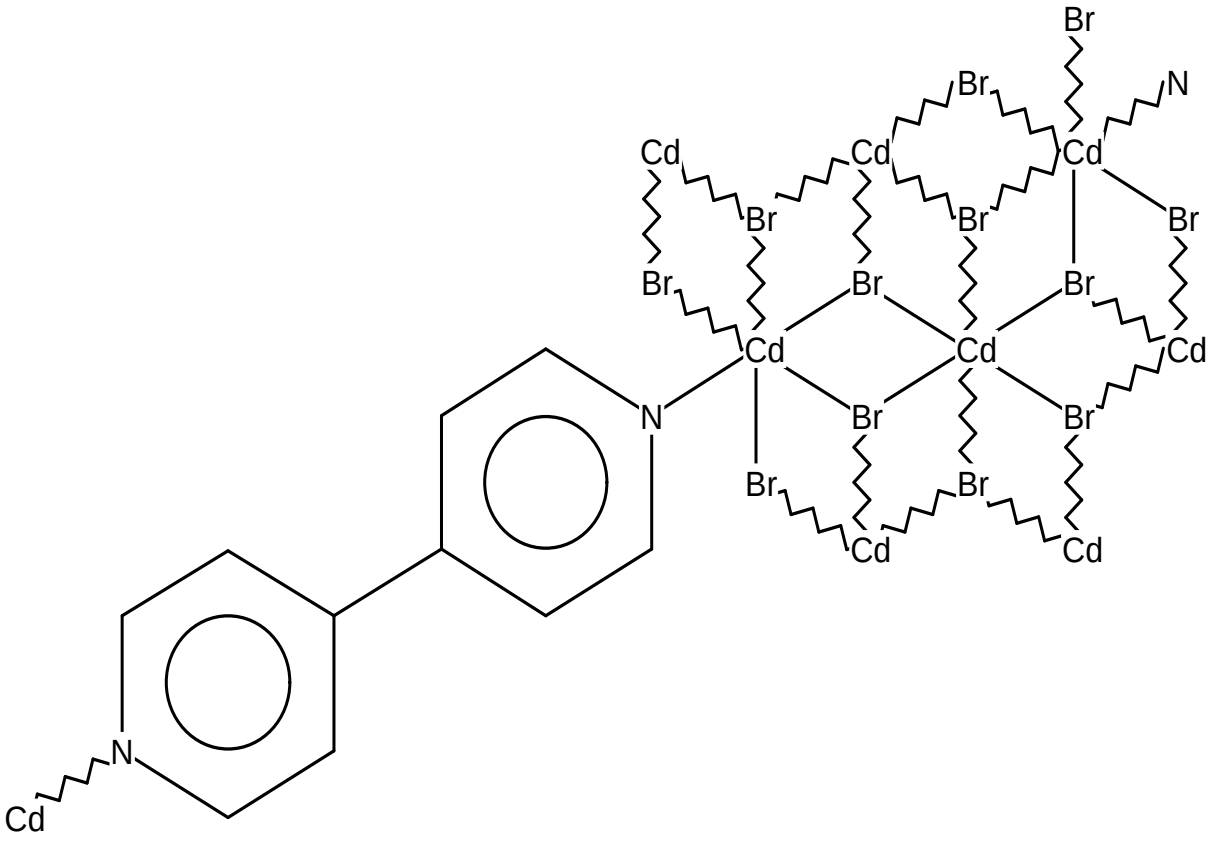
LEQQUU

Reference: Wen-Tong Chen, Ming-Sheng Wang, Xi Liu, Guo-Cong Guo, Jin-Shun Huang (2006) *Cryst.Growth Des. ,***6,**2289

Formula: $(C_{10}\ H_8\ Br_6\ Cd_3\ N_2)n$

Compound Name: catena-(tetrakis(μ_3-Bromo)-(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-bromo)-tri-cadmium)

Space Group:	P21212	***Cell:***	***a***	13.343(2)	***b***	17.950(3)	***c***	3.955(0)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	3.52	***Temperature(K):***	293		***Density(g/cm^3):***	3.411		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1288

LEQRAB

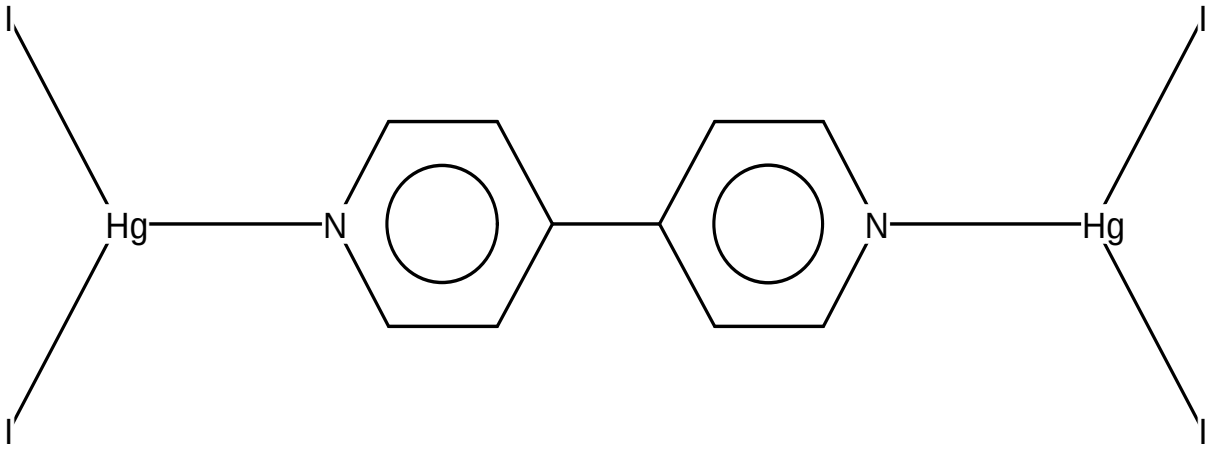
Reference: Wen-Tong Chen, Ming-Sheng Wang, Xi Liu, Guo-Cong Guo, Jin-Shun Huang (2006) *Cryst.Growth Des. ,***6,**2289

Formula: $C_{10}\ H_8\ Hg_2\ I_4\ N_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetra-iodo-di-mercury

Space Group:	C2/c	***Cell:***	***a***	25.760(4)	***b*** 4.425(5)	***c***	18.225(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 120.44(3)	γ	90.00

R-Factor (%): 3.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.949



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1289

LEQREF

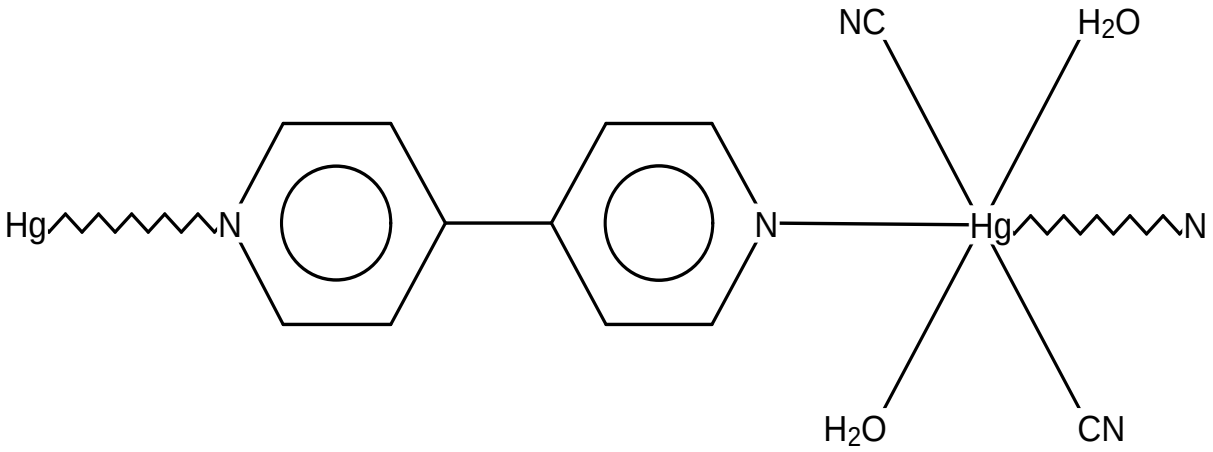
Reference: Wen-Tong Chen, Ming-Sheng Wang, Xi Liu, Guo-Cong Guo, Jin-Shun Huang (2006) *Cryst.Growth Des. ,***6,**2289

Formula: $(C_{12}\ H_{12}\ Hg_1\ N_4\ O_2)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-diaqua-dicyano-mercury)

Space Group:	C2/c	***Cell:***	***a***	17.218(3)	***b*** 4.949(8)	***c***	16.279(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.98(10)	γ	90.00

R-Factor (%): 5.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.369



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1290

LEQVUZ

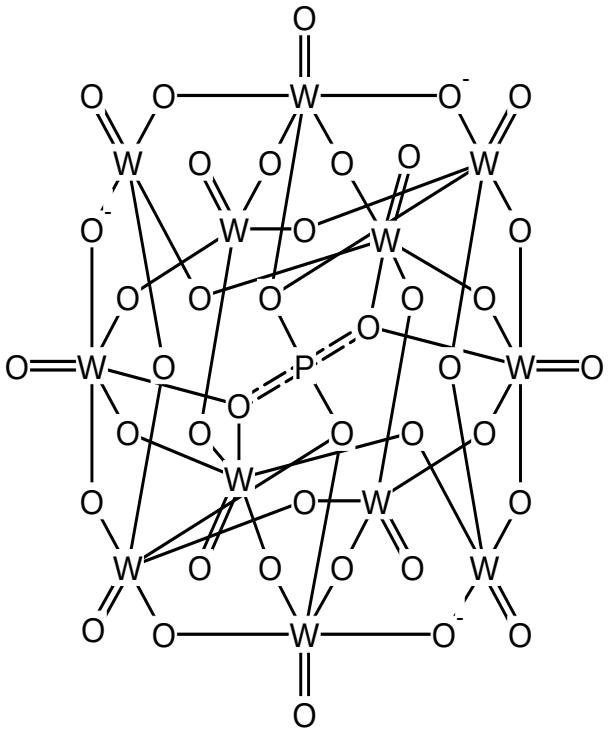
Reference: Meilin Wei, Cheng He, Weijie Hua, Chunying Duan, Shuhua Li, Qingjin Meng (2006) *J.Am.Chem.Soc. ,***128,**13318

Formula: $(C_{120}\ H_{96}\ Co_4\ N_{24}\ O_{24}\ ^{8+})n,3n(O_{40}\ P_1\ W_{12}\ ^{3-}),n(H_3\ O_1\ ^{1+}),26n(H_2\ O_1),12n(C_2\ H_3\ N_1)$

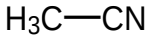
Compound Name: catena-(docosakis(μ_2-4,4'-bipyridine-N,N'-dioxide)-tetra-cobalt hydroxonium tris((μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten) acetonitrile solvate hydrate)

Space Group:	Im-3	***Cell:***	***a***	23.162(2)	***b***	23.162(2)	***c***	23.162(2)
Space Group No.:	204	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.30	***Temperature(K):***	123	***Density(g/cm^3):***	3.235









n-$Co_4[\mu_2\text{-}C_{10}H_8N_2O_2\text{-}\kappa^2O,O']_{12}^{8+}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1291

LESBEQ

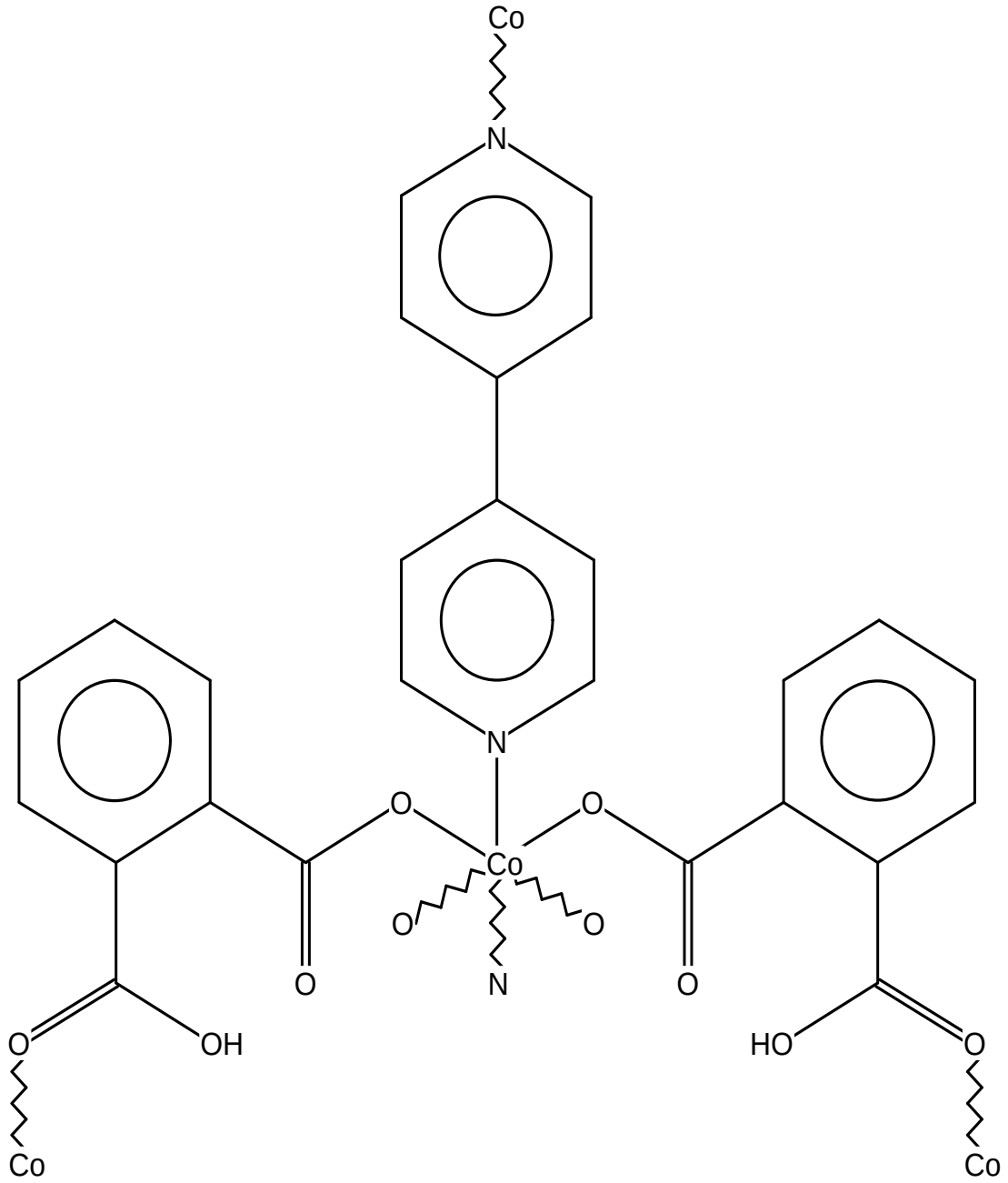
Reference: P.Lightfoot, A.Snedden (1999)
J.Chem.Soc.,Dalton Trans. ,3549

Formula: $(C_{26}\ H_{18}\ Co_1\ N_2\ O_8)n$

Compound Name: catena-(bis(μ_2-Phthalato-O,O')-(μ_2-4,4'-bipyridine)-cobalt)

Space Group:	I4122	***Cell:***	***a***	8.156(5)	***b***	8.156(5)	***c***	32.927(8)
Space Group No.:	98	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.48 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.654



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1292

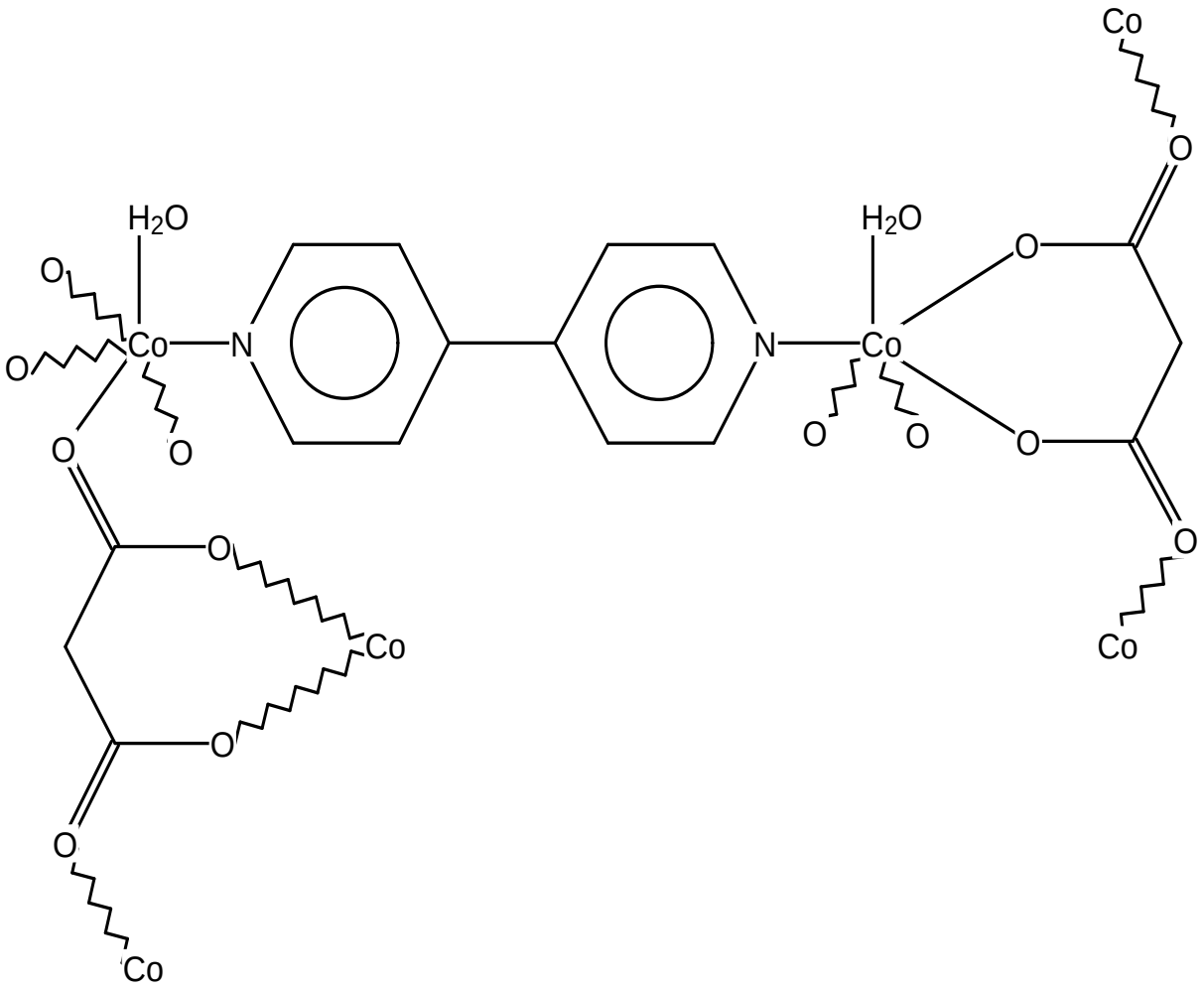
LESBIU

Reference: P.Lightfoot, A.Snedden (1999)
J.Chem.Soc.,Dalton Trans. ,3549

Formula: $(C_{16}\ H_{16}\ Co_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_3-Malonato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt)

Space Group:	P21/n	***Cell:***	***a***	7.095(5)	***b***	18.735(4)	***c***	7.394(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.53(5)	γ	90.00
R-Factor (%):	6.40	***Temperature(K):***	295		***Density(g/cm^3):***	1.738		



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1293

LETVUB

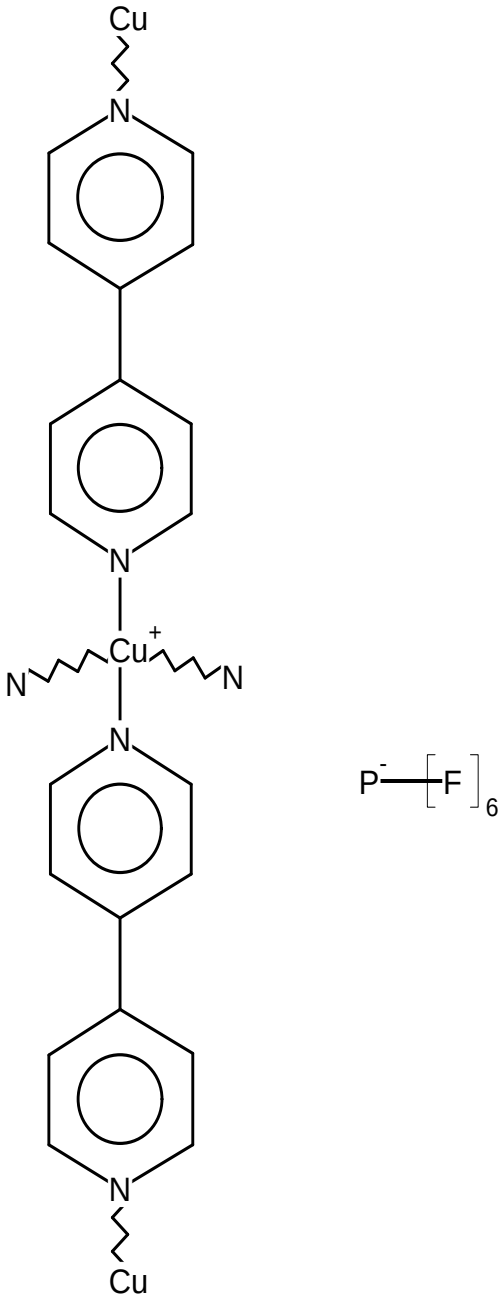
Reference: L.R.MacGillivray, S.Subramanian, M.J.Zaworotko (1994) *Chem.Commun.* ,1325

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+})n,n(F_6\ P_1\ ^{1-})$

Compound Name: catena-(bis(μ_4-4,4'-Bipyridyl)-copper hexafluorophosphate)

Space Group:	P4/n	***Cell:***	***a*** 12.325(2)	***b*** 12.325(2)	***c*** 6.981(3)
Space Group No.:	85	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 6.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.631



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1294

LETVUB01

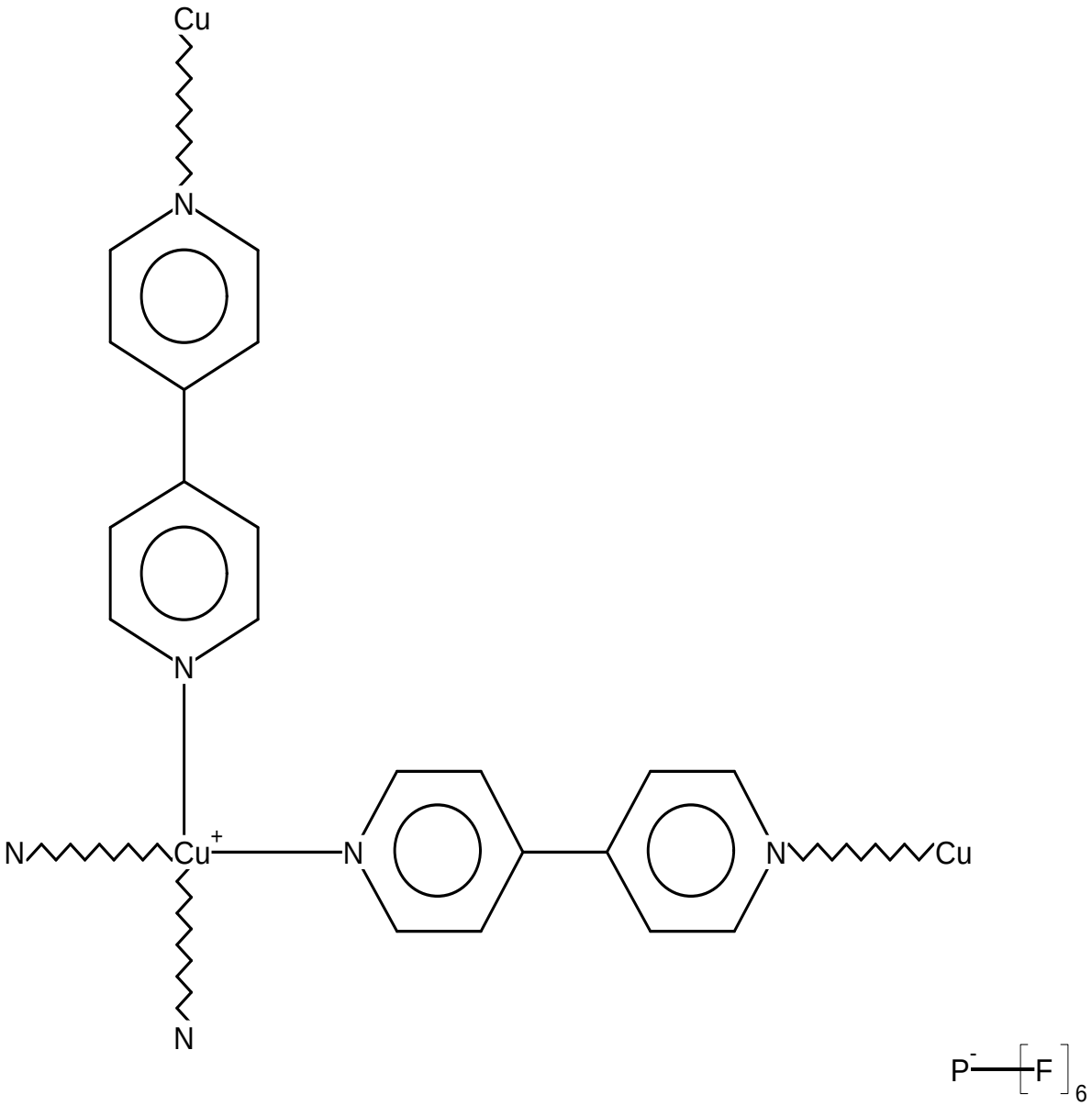
Reference: O.M.Yaghi, D.A.Richardson, G.Li, C.E.Davis, T.L.Groy (1995) *Mat.Res.Soc.Symp.Proc.* ,**371,**15

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+})n,n(F_6\ P_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-copper(i) hexafluorophosphate)

Space Group:	P4/n	***Cell:***	***a***	12.362(3)	***b***	12.362(3)	***c*** 6.986(2)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.54 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.620



Search: search1 (Thu May 26 10:05:42 2011): Hit 1295

LEVBAQ

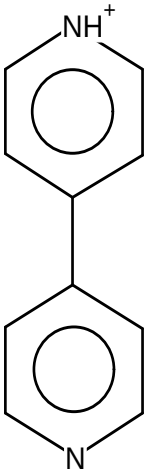
Reference: Chao Chen, Yunling Liu, Qianrong Fang, Li Liu, J.F.Eubank, Ning Zhang, Shuzhe Gong, Wenqin Pang (2006) *Microporous and Mesoporous Materials* ,**97,**132

Formula: $(H_{26}\ F_3\ In_9\ O_{62}\ P_{14}\ ^{4-})n,3n(C_{10}\ H_9\ N_2\ ^{1+}),n(H_3\ O_1\ ^{1+}),2n(H_2\ O_1)$

Compound Name: catena-(tris(4,4'-Bipyridin-1-ium) oxonium (tetradecakis(μ_3-hydrogen phosphato)-tris(μ_2-fluoro)-hexa-aqua-nona-indium) dihydrate)

Space Group:	P-31c	***Cell:***	***a***	13.931(0)	***b***	13.931(0)	***c*** 24.044(1)
Space Group No.:	163	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.522



OH_3^+ H_2O

n-$In_9[\mu_3$-HO_4P-$\kappa^3O,O',O'']_{14}[\mu_2$-$F]_3[H_2O]_6^{4-}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1296

LEVZES

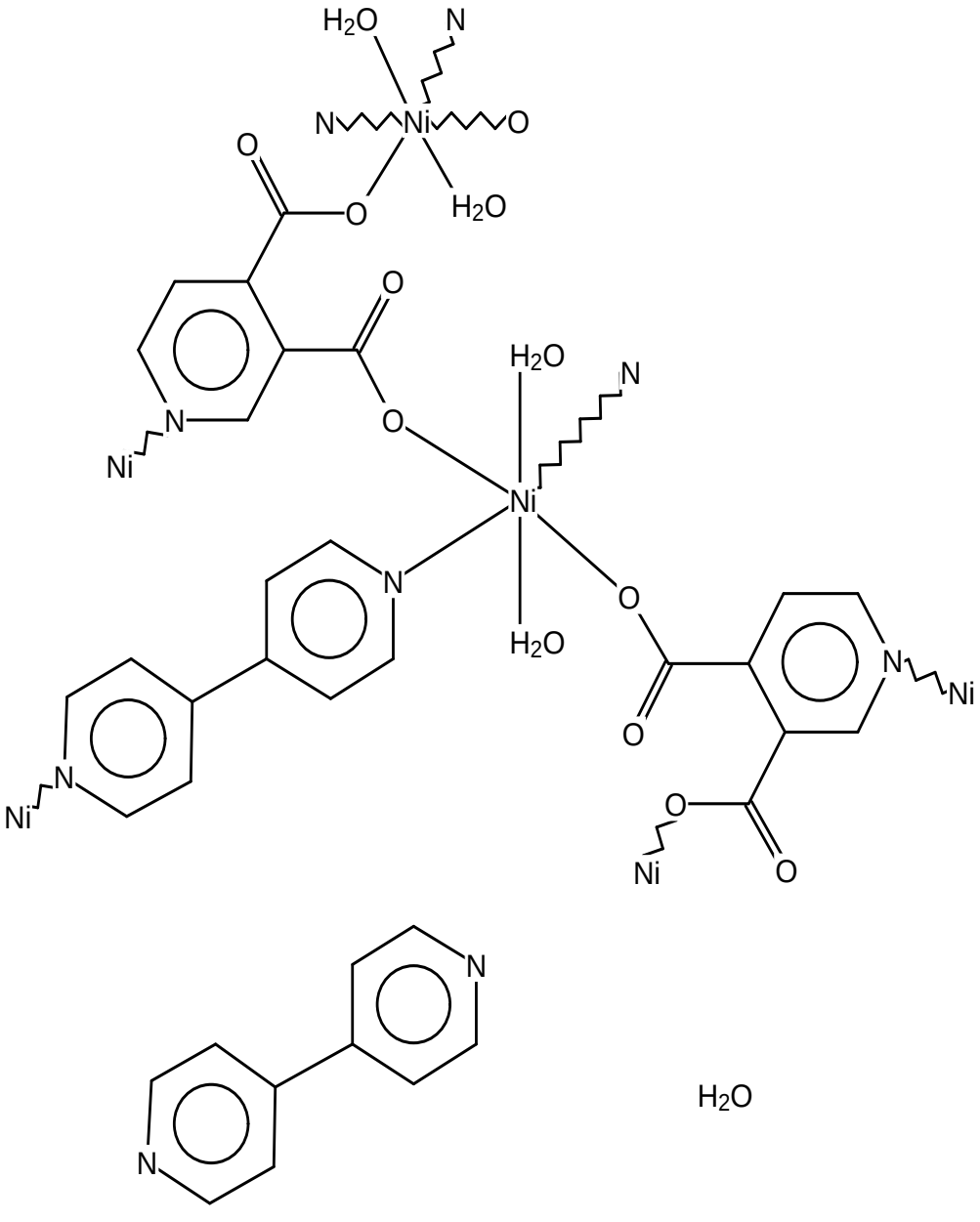
Reference: Youfu Zhou, Chengyang Yue, Daqiang Yuan, Lian Chen, Jiutong Chen, Anjian Lan, Feilong Jiang, Maochun Hong (2006) *Eur.J.Inorg.Chem. ,*4852

Formula: $(C_{24}\ H_{22}\ N_4\ Ni_2\ O_{12})n,0.5n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-pyridine-3,4-dicarboxylato)-(4,4'-bipyridyl)-tetraaqua-di-nickel(ii) hemikis(4,4'-bipyridyl) clathrate dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.046(0)	***b***	7.923(0)	***c*** 16.313(0)
Space Group No.:	2	***(Å,°)***	α	78.45(0)	β	77.78(0)	γ 75.83(0)

R-Factor (%): 6.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.539



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1297

LEXXUI

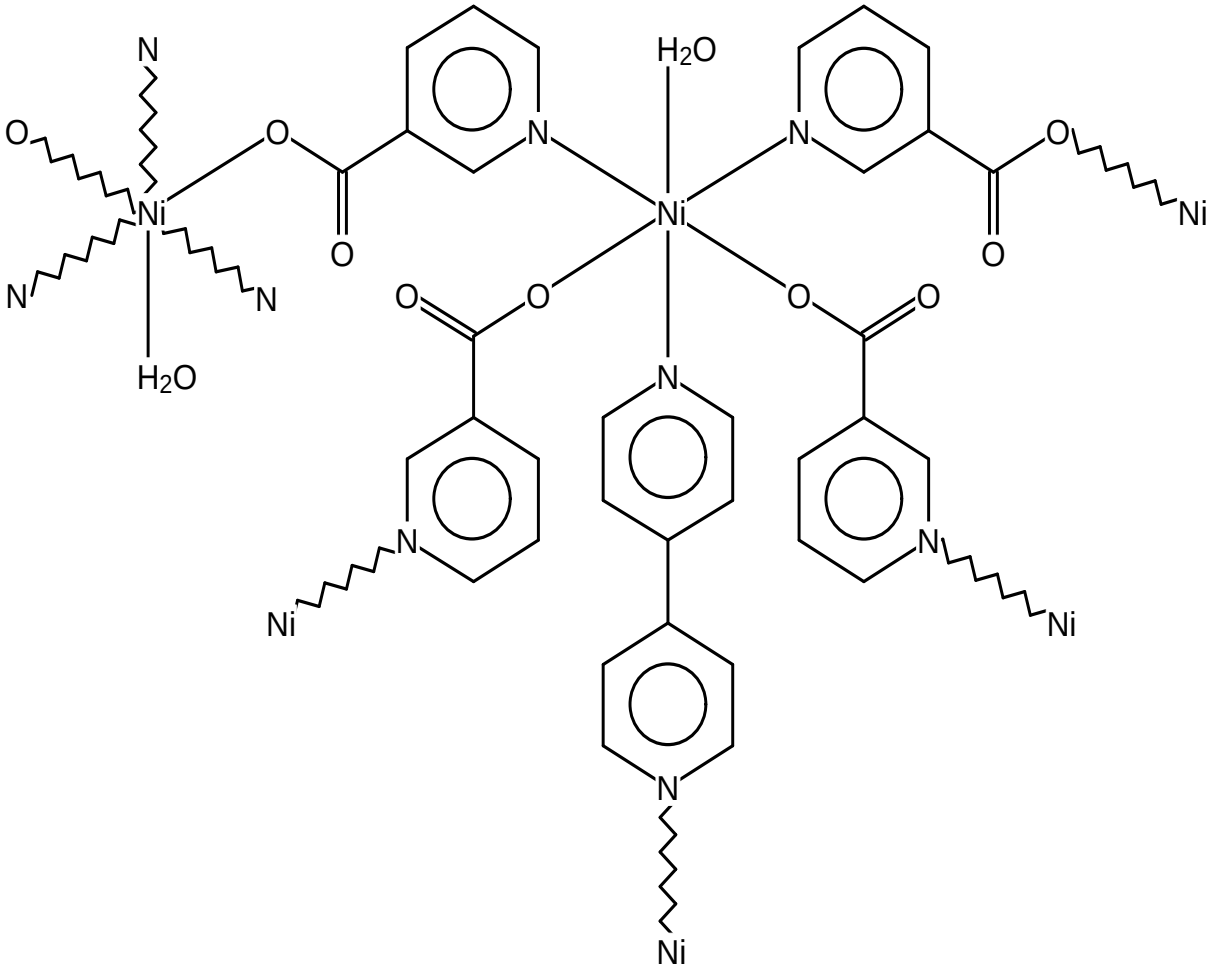
Reference: A.E.Wasson, R.L.LaDuca (2007) *Polyhedron ,***26,**1001

Formula: $(C_{34}\ H_{28}\ N_6\ Ni_2\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-nicotinato-N,O)-diaqua-di-nickel(ii))

Space Group:	P21/n	***Cell:***	***a***	7.927(5)	***b***	14.795(14)	***c***	14.634(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.49(8)	γ	90.00

R-Factor (%): 5.35 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.544



Search: search1 (Thu May 26 10:05:42 2011): Hit 1298

LEYMUX

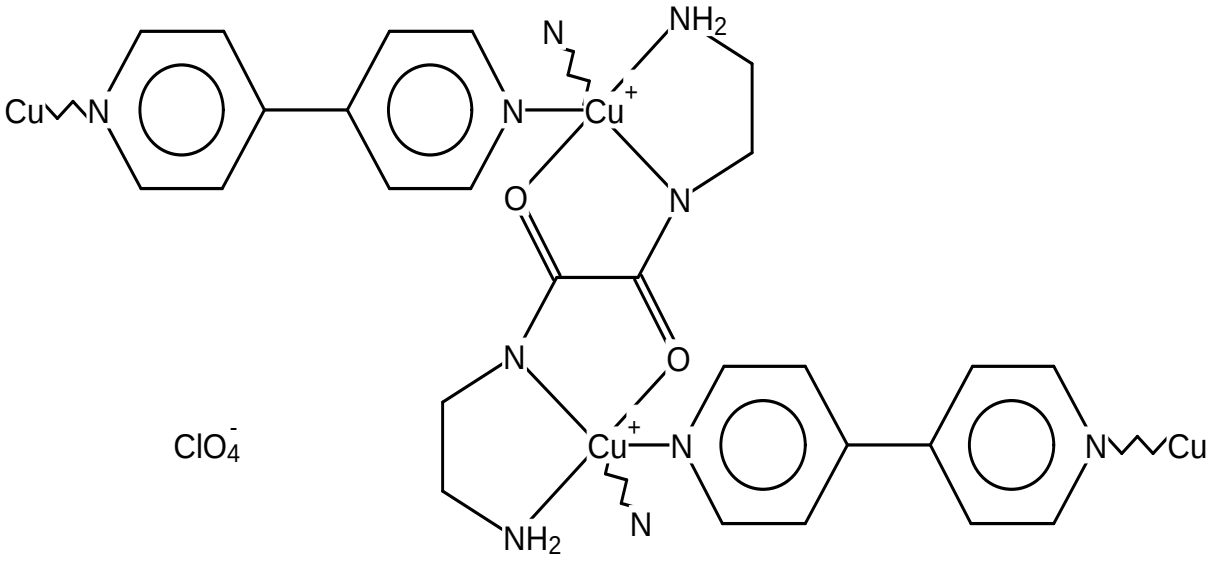
Reference: Zhong Ning Chen, De Gang Fu, Kai Bei Yu, Wen Xia Tang (1994) *J.Chem.Soc.,Dalton Trans.* ,1917

Formula: $(C_{26}\ H_{28}\ Cu_2\ N_8\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-N,N'-bis(2-Aminoethyl)oxamidato)-bis(μ_2-4,4'-bipyridyl)-di-copper(ii) diperchlorate)

Space Group:	P21/c	***Cell:***	***a***	6.859(1)	***b***	20.085(4)	***c*** 11.860(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.56(2)	γ 90.00

R-Factor (%): 5.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.651



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1299

LEZTAM

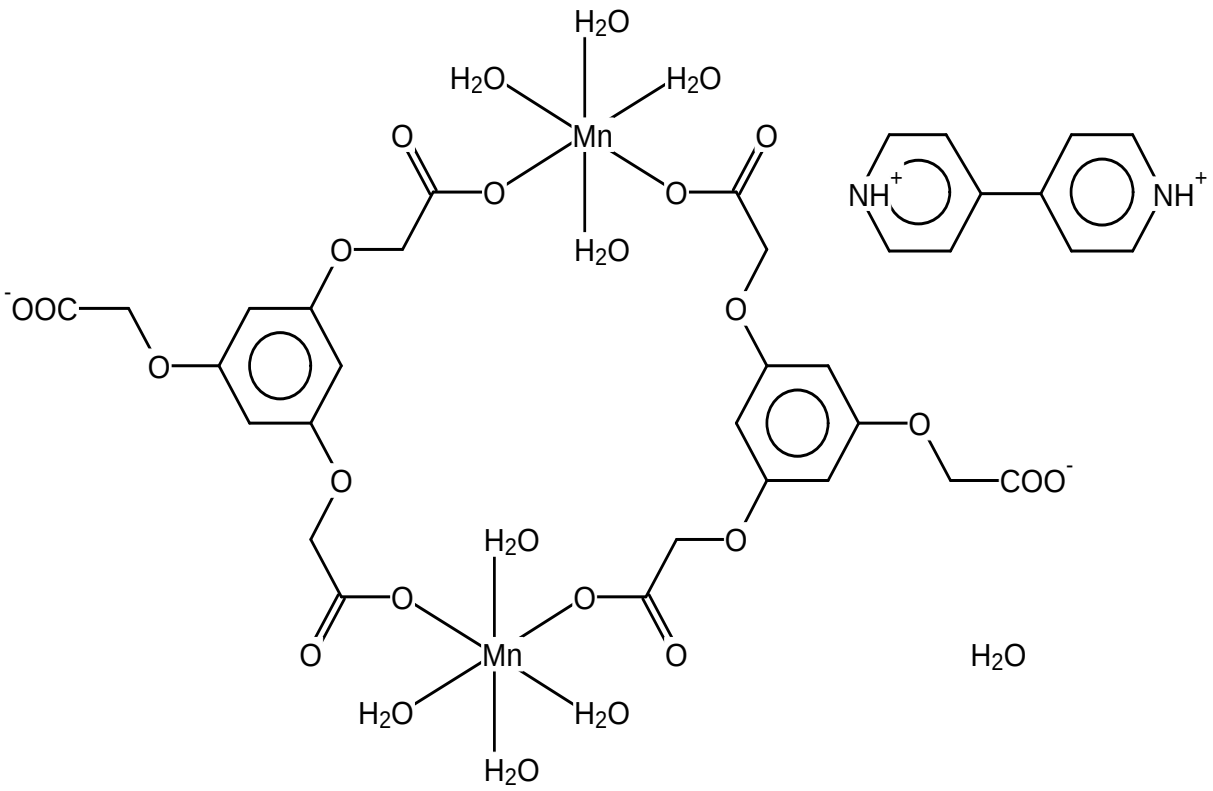
Reference: Gang Wu, Yan Wang, Xiao-Feng Wang, Hiroyuki Kawaguchi, Wei-Yin Sun (2007) *J.Chem.Cryst. ,***37,**199

Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_{24}\,H_{34}\,Mn_2\,O_{26}\,^{2-}$,5($H_2\,O_1$)

Compound Name: 4,4'-bipyridinium bis(μ_2-1,3,5-tris(carboxymethoxy)benzene-O,O')-octa-aqua-di-manganese(ii) pentahydrate

Space Group:	P-1	***Cell:***	***a***	9.725(12)	***b***	10.651(13)	***c***	10.882(13)
Space Group No.:	2	***(Å,°)***	α	91.72(2)	β	96.41(2)	γ	97.72(2)

R-Factor (%):	4.18	***Temperature(K):***	173	***Density(g/cm^3):***	1.642



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1300

LEZTEQ

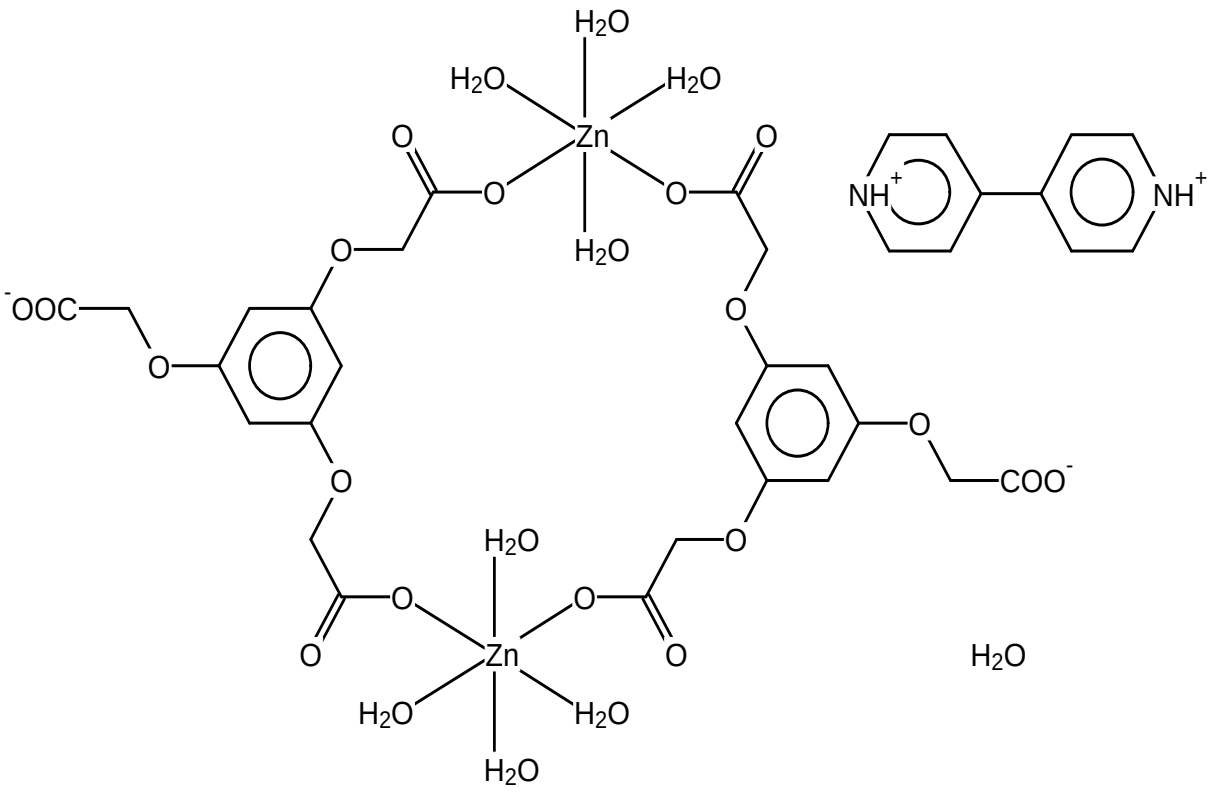
Reference: Gang Wu, Yan Wang, Xiao-Feng Wang, Hiroyuki Kawaguchi, Wei-Yin Sun (2007) *J.Chem.Cryst.* ,**37,**199

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_{24}\,H_{34}\,O_{26}\,Zn_2\,^{2-},5(H_2\,O_1)$

Compound Name: 4,4'-bipyridinium bis(μ_2-1,3,5-tris(carboxymethoxy)benzene-O,O')-octa-aqua-di-zinc(ii) pentahydrate

Space Group:	P-1	***Cell:***	***a***	9.610(10)	***b***	10.550(20)	***c***	10.830(20)
Space Group No.:	2	***(Å,°)***	α	91.60(4)	β	95.32(2)	γ	97.73(4)

R-Factor (%): 3.51 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.714



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1301

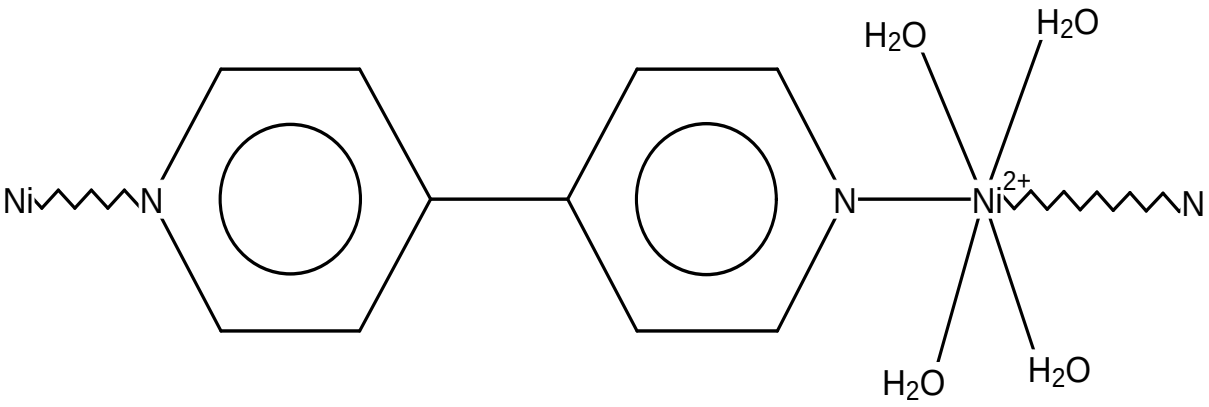
LICCIK

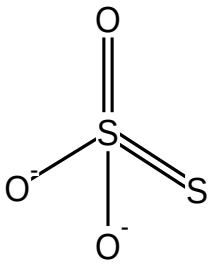
Reference: M.E.D.de Vivar, S.Baggio, M.T.Garland, R.Baggio (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **63,**m153

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(O_3\ S_2\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-N,N')-tetra-aqua-nickel(ii) thiosulfate dihydrate)

Space Group:	P3121	***Cell:***	***a***	11.336(0)	***b***	11.336(0)	***c*** 11.152(1)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	3.53	***Temperature(K):***	274	***Density(g/cm^3):***	1.746		





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1302

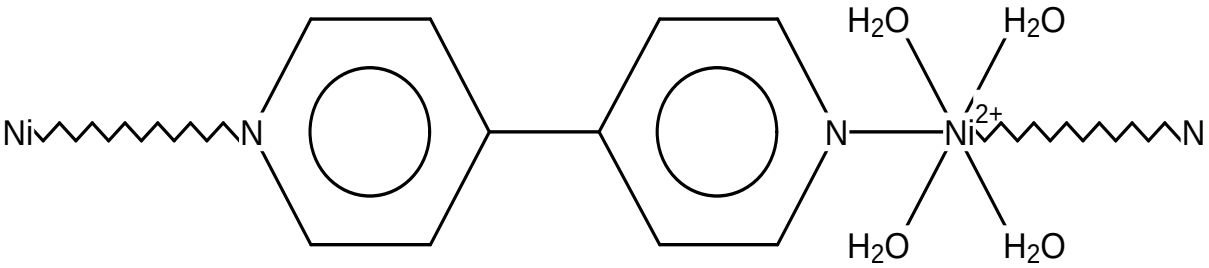
LICCOQ

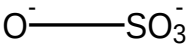
Reference: M.E.D.de Vivar, S.Baggio, M.T.Garland, R.Baggio (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. , **63,**m153

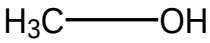
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(O_4\ S_1\ ^{2-}),n(C_1\ H_4\ O_1),n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-N,N')-tetra-aquanickel(ii) sulfate methanol solvate monohydrate)

Space Group:	P3121	***Cell:***	***a***	11.292(1)	***b***	11.292(1)	***c*** 23.660(3)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	6.78	***Temperature(K):***	273		***Density(g/cm^3):***		1.652









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1303

LICCOQ01

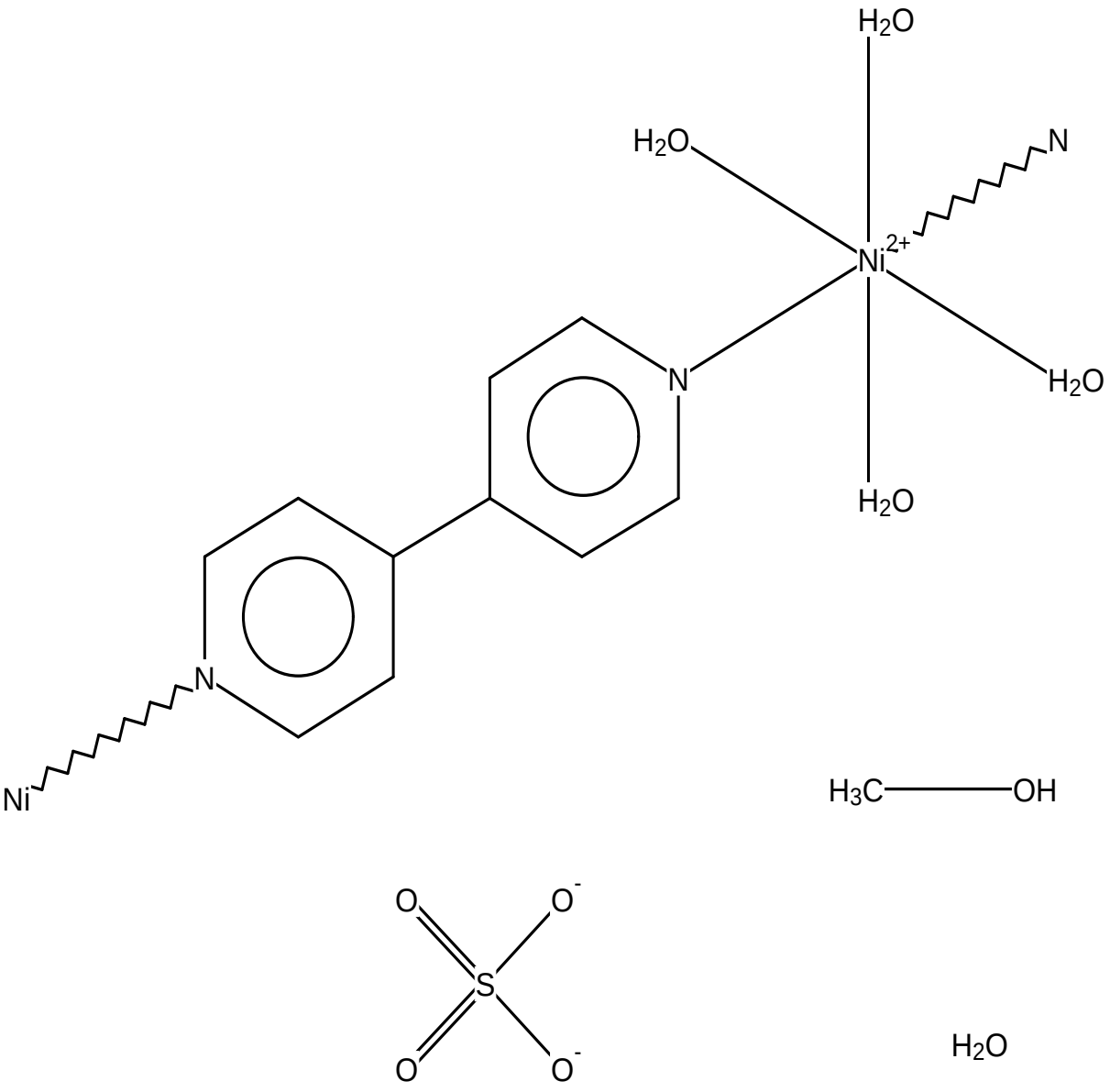
Reference: Huijie Lu, Degang Ding, Yaoting fan, Yu Zhu (2004)
Zhengzhou Daxue Xuebao,Lixueban(Chin.)(J.Zhengzhou Univ.(Sci.Ed.)) , **36,**91

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(O_4\ S_1\ ^{2-}),n(C_1\ H_4\ O_1),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-nickel(ii) sulfate methanol solvate monohydrate)

Space Group:	P3221	***Cell:***	***a***	11.267(1)	***b***	11.267(1)	***c*** 23.731(5)
Space Group No.:	154	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.70 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.654



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1304

LICCUW

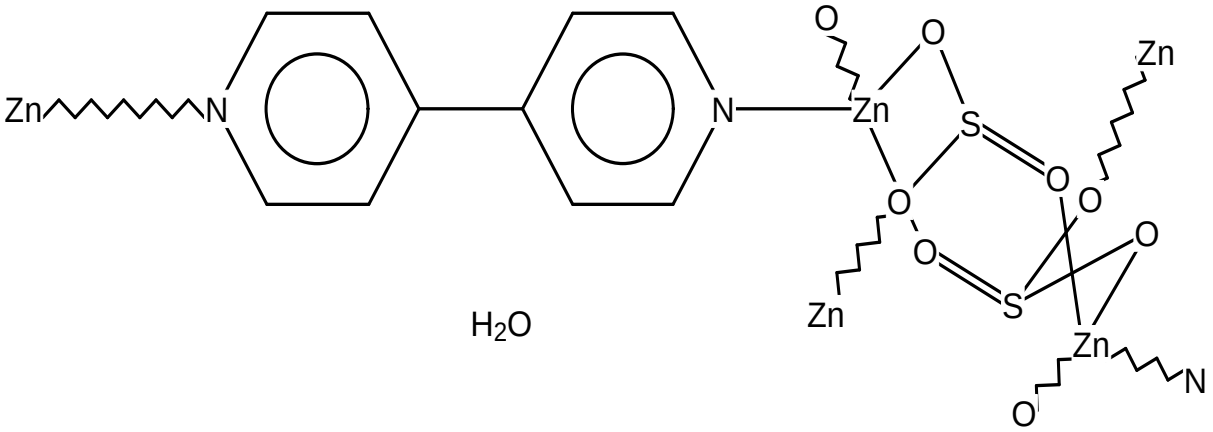
Reference: M.E.D.de Vivar, S.Baggio, M.T.Garland, R.Baggio (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. , **63,**m157

Formula: $(C_{10}\ H_8\ N_2\ O_6\ S_2\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-sulfito)-($\mu_2$2-4,4'-bipyridine)-di-zinc(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	16.581(3)	***b*** 4.782(1)	***c***	19.230(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.67(0)	γ	90.00

R-Factor (%): 3.42 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 2.062



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1305

LICCUW01

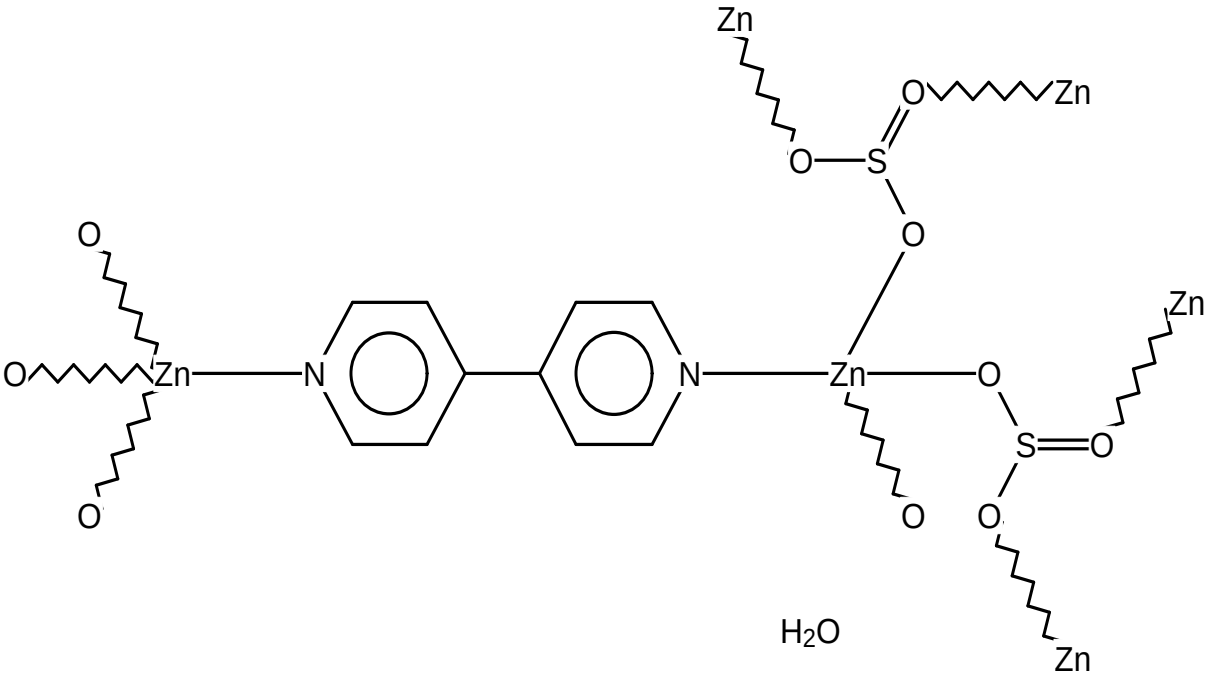
Reference: K.P.Rao, C.N.R.Rao (2007) *Inorg.Chem.* ,**46,**2511

Formula: $(C_{10}\ H_8\ N_2\ O_6\ S_2\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Sulfito-O,O',O'')-(μ_2-4,4'-bipyridyl-N,N')-di-zinc(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	16.606(0)	***b*** 4.794(0)	***c***	19.272(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.67(0)	γ	90.00

R-Factor (%): 2.48 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.049



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1306

LICDUW

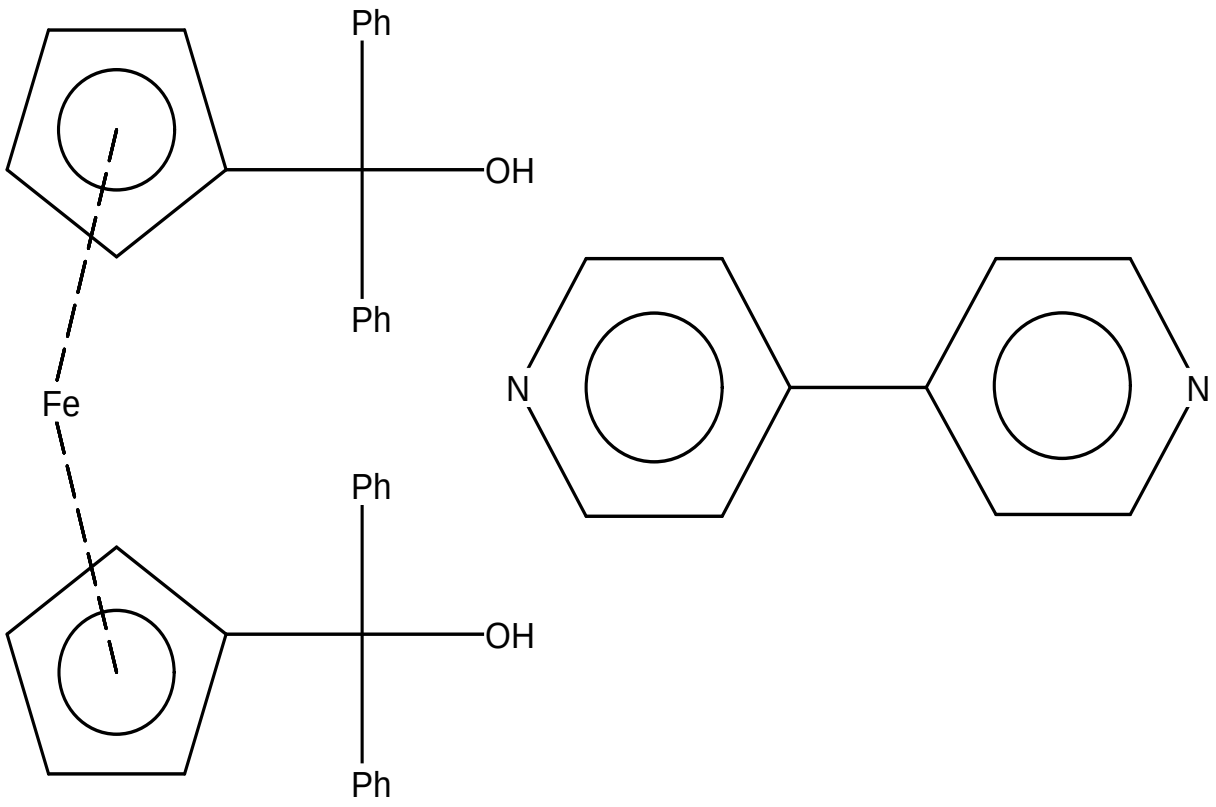
Reference: C.Glidewell, G.Ferguson, A.J.Lough, C.M.Zakaria (1994)
J.Chem.Soc.,Dalton Trans. ,1971

Formula: $C_{36}\ H_{30}\ Fe_1\ O_2, C_{10}\ H_8\ N_2$

Compound Name: Ferrocene-1,1'-diyl-bis(diphenylmethanol) 4,4'-bipyridyl clathrate

Space Group:	P-1	***Cell:***	***a***	9.703(1)	***b***	12.314(1)	***c***	15.722(1)
Space Group No.:	2	***(Å,°)***	α	86.89(1)	β	75.61(1)	γ	84.17(1)

R-Factor (%): 3.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.297



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1307

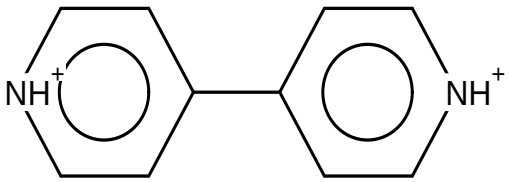
LICFIN

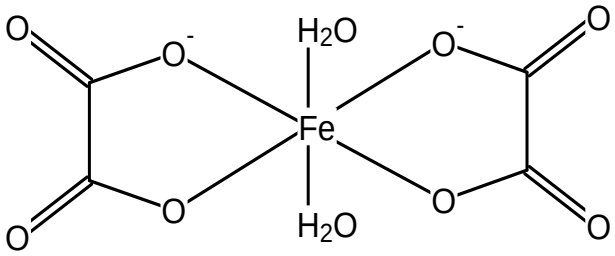
Reference: Xin Yang, Jiang Li, Xin-Hua Zhao, Hai-Wen Wang, Yong-Kui Shan (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **63,**m171

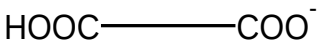
Formula: $2(C_{10}H_{10}N_2^{2+}),C_4H_4Fe_1O_{10}^{2-},2(C_2H_1O_4^{1-})$

Compound Name: bis(4,4'-bipyridinium) diaqua-bis(oxalato)-iron(ii) bis(hydrogen oxalate)

Space Group:	P-1	***Cell:***	***a*** 7.093(1)	***b*** 10.092(2)	***c*** 10.633(2)
Space Group No.:	2	***(Å,°)***	α 101.76(3)	β 96.29(3)	γ 98.09(3)
R-Factor (%):	5.27	***Temperature(K):***	293	***Density(g/cm^3):***	1.734







Search: search1 (Thu May 26 10:05:42 2011): Hit 1308

LICQOE

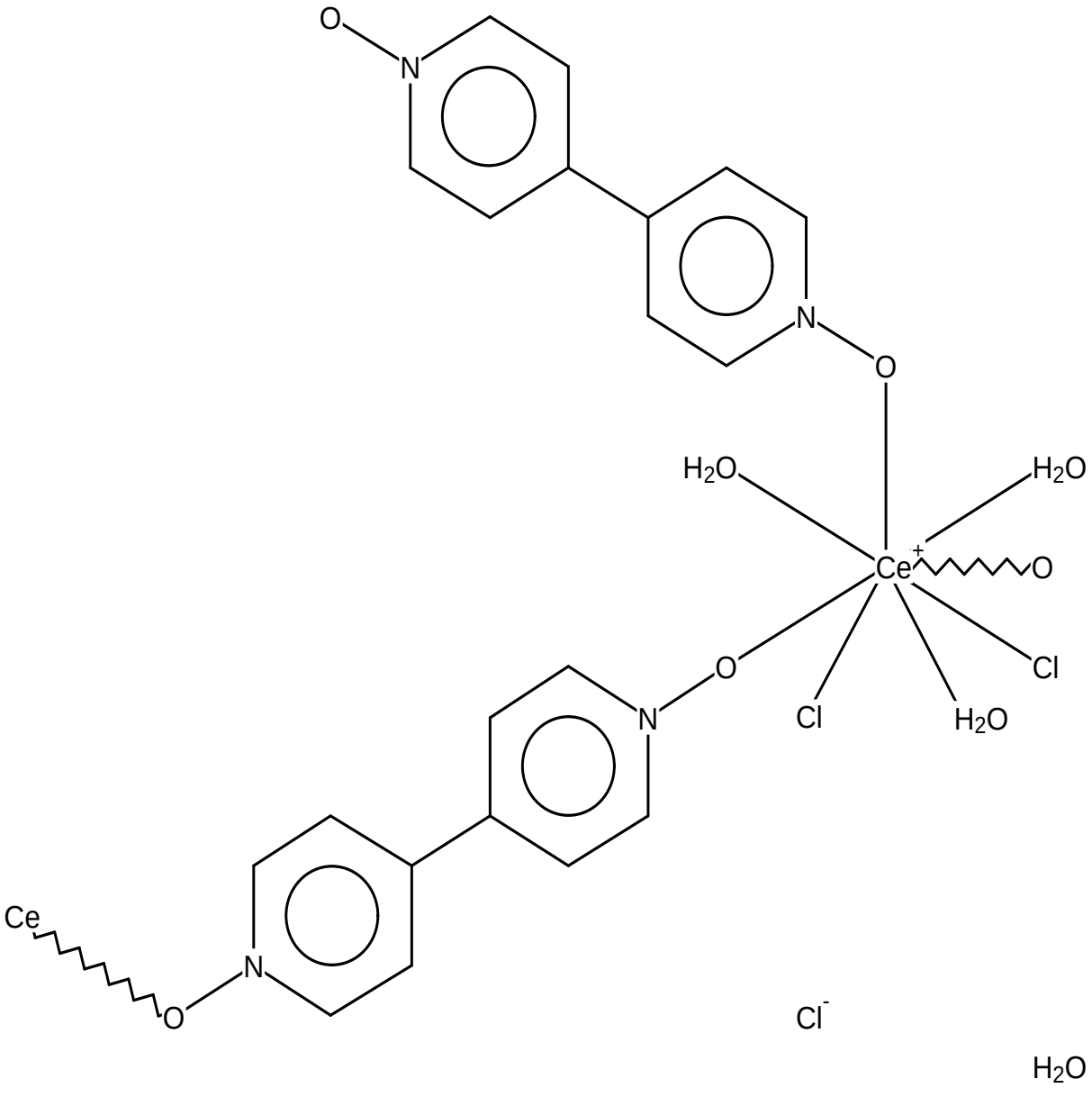
Reference: Da-Qiang Yuan, Fen-Yan Lian, Mao-Chun Hong (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1430

Formula: $(C_{20}\ H_{22}\ Ce_1\ Cl_2\ N_4\ O_7\ ^{1+})n,n(Cl_1\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine N,N'-dioxide-κ^2O:O')-triaqua-(4,4'-bipyridine N,N'-dioxide-κO)-dichloro-cerium(iii) chloride monohydrate]

Space Group:	P-1	***Cell:***	***a***	8.668(0)	***b*** 10.458(0)	***c***	14.786(0)
Space Group No.:	2	***(Å,°)***	α	83.36(0)	β 73.03(0)	γ	86.19(0)

R-Factor (%): 3.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.813



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1309

LIDKAK

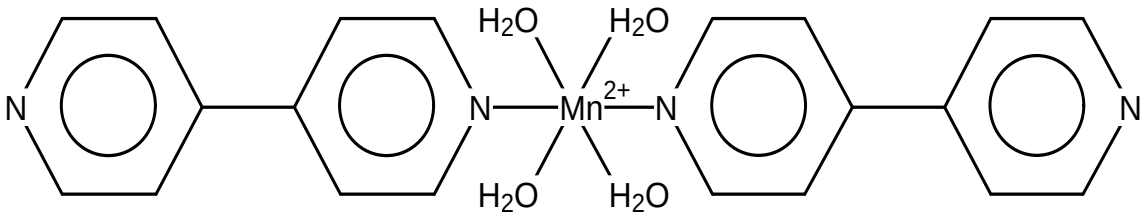
Reference: Ming-Liang Tong, Hung Kay Lee, Xiao-Ming Chen, Ron-Bing Huang, T.C.W.Mak (1999) *J.Chem.Soc.,Dalton Trans.* ,3657

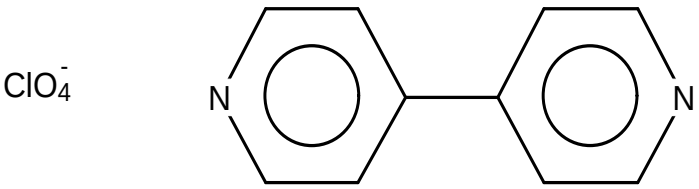
Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4^{2+},2(Cl_1\,O_4^{1-}),4(C_{10}\,H_8\,N_2)$

Compound Name: bis(Diaqua-(4,4-bipyridine)-manganese(ii)) diperchlorate bipyridine solvate

Space Group:	P-1	***Cell:***	***a***	7.822(2)	***b*** 14.306(3)	***c***	14.919(3)
Space Group No.:	2	***(Å,°)***	α	63.78(3)	β 87.60(3)	γ	81.30(3)

R-Factor (%): 4.83 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.417





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1310

LIDZAA

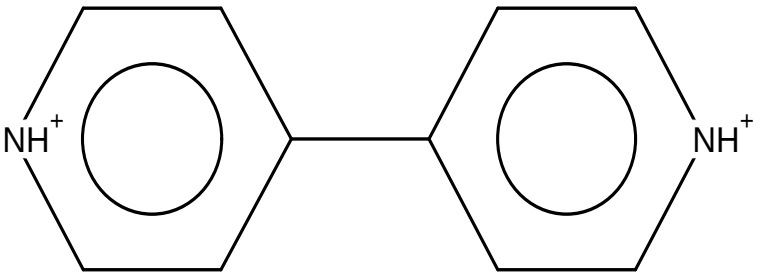
Reference: D.W.Aldous, N.F.Stephens, P.Lightfoot (2007)
Dalton Trans. ,2271

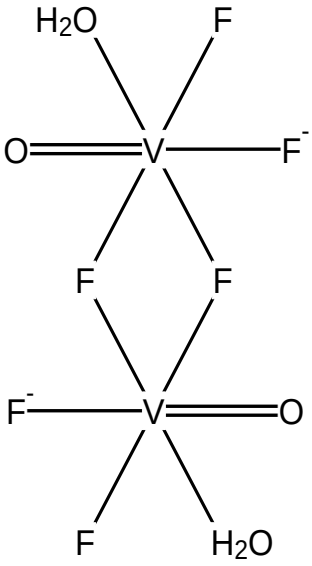
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},H_4\,F_6\,O_4\,V_2\,^{2-}$

Compound Name: 4,4'-Bipyridinium bis(μ_2-fluoro)-diaqua-dioxo-tetrafluoro-di-vanadium

Space Group:	P-1	***Cell:***	***a***	5.569(1)	***b***	7.181(2)	***c*** 9.391(3)
Space Group No.:	2	***(Å,°)***	α	101.07(1)	β	97.51(1)	γ 95.11(1)

R-Factor (%): 3.17 ***Temperature(K):*** 93 ***Density(g/cm^3):*** 2.023





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1311

LIFGUD

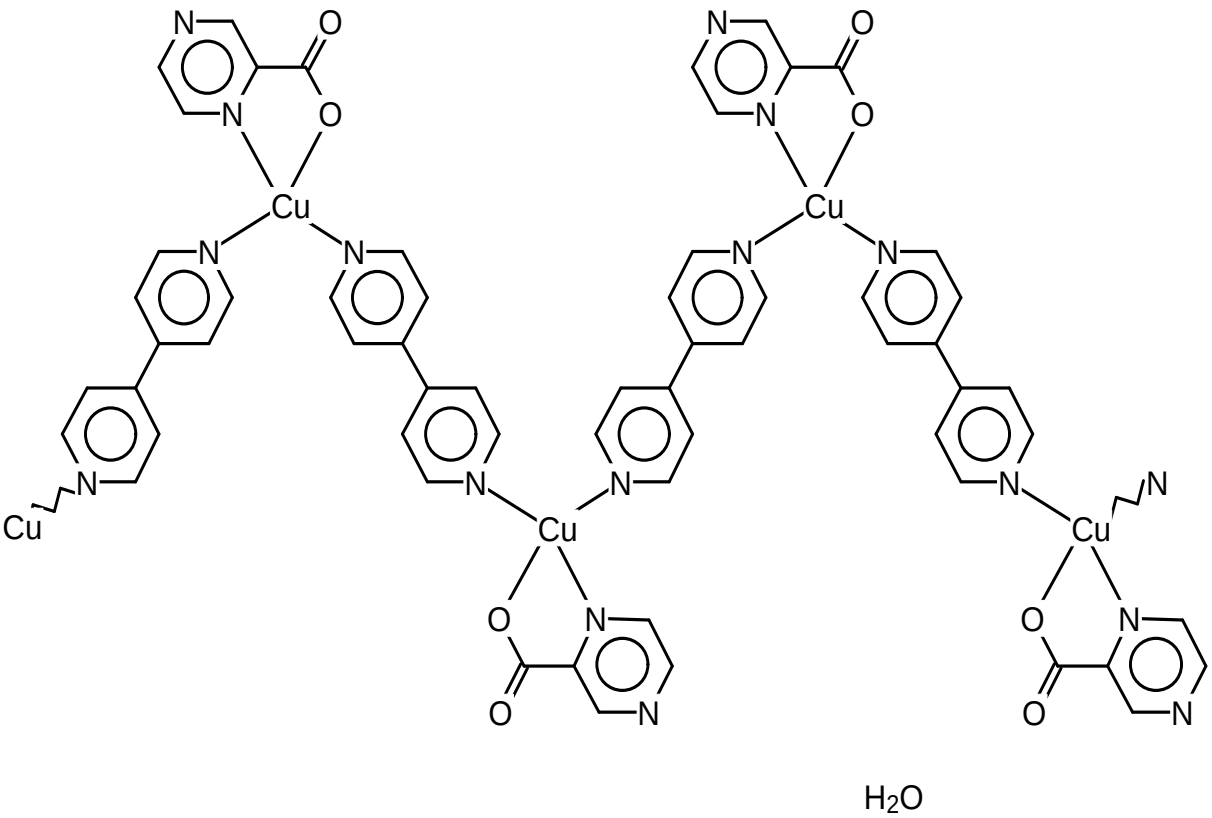
Reference: Guang Fan, Gang Xie, Sanping Chen, Shengli Gao (2007) *J.Coord.Chem.* ,**60,**1093

Formula: $(C_{60}\ H_{44}\ Cu_4\ N_{16}\ O_8)n,14n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-tetrakis(2-pyrazinecarboxylato)-tetra-copper(i) tetradecahydrate)

Space Group:	P-1	***Cell:***	***a***	7.616(0)	***b*** 13.474(1)	***c***	18.232(2)
Space Group No.:	2	***(Å,°)***	α	73.66(0)	β 85.31(0)	γ	75.06(0)

R-Factor (%): 5.86 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.554



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1312

LIFJAM

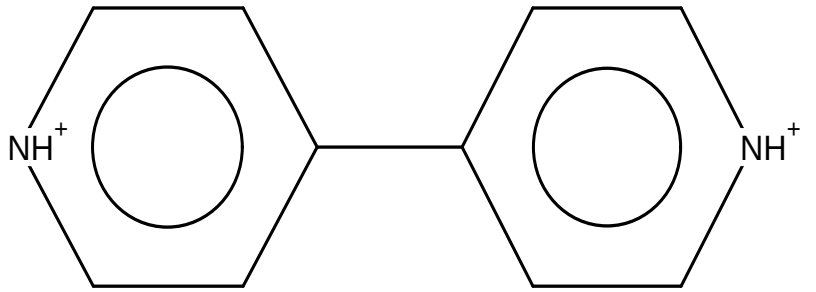
Reference: Jing-Ping Wang, Yue Shen, Jingyang Niu (2007)
J.Coord.Chem. ,**60,**1183

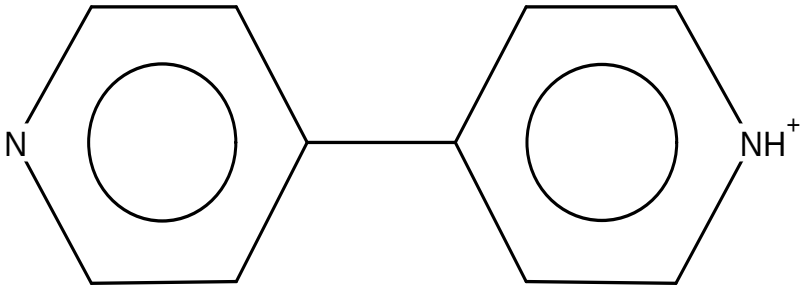
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(C_{10}\ H_9\ N_2\ ^{1+}),n(Co_1\ O_{39}\ P_1\ W_{11}\ ^{5-}),n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridine-diium) 4,4'-bipyridinium (μ_{12}-phosphato)-pentacosakis(μ_2-oxo)-decaoxo-cobalt-undeca-tungsten monohydrate)

Space Group:	P21/n	***Cell:***	***a***	13.643(3)	***b*** 27.052(5)	***c***	15.180(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.63(3)	γ	90.00

R-Factor (%):	7.92	***Temperature(K):***	293	***Density(g/cm^3):***	3.894





n-$CoW_{11}[\mu_{12}\text{-}O_4P][\mu_2\text{-}O]_{25}[O]_{10}^{5-}$

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1313

LIFTIE

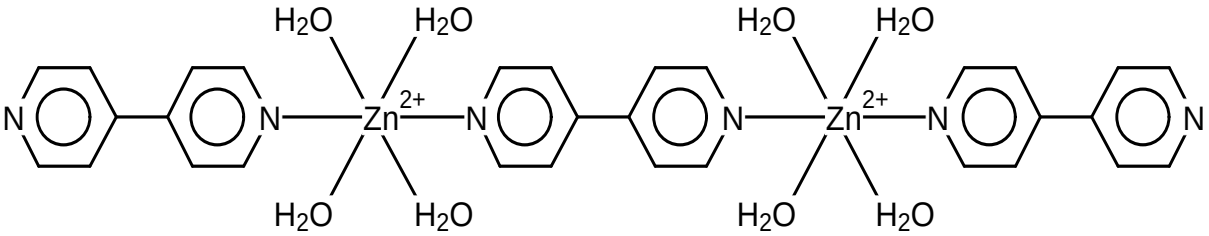
Reference: Zhao-Xun Lian, Jiwen Cai, Cai-Hong Chen (2007)
*Polyhedron ,***26,**2647

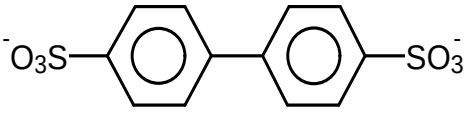
Formula: $C_{30}\ H_{40}\ N_6\ O_8\ Zn_2\ ^{4+}$,2($C_{12}\ H_8\ O_6\ S_2\ ^{2-}$),5($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridine)-octaaqua-di-zinc bis(4,4'-biphenyldisulfonate) pentahydrate

Space Group:	P-1	***Cell:***	***a***	9.909(3)	***b*** 13.333(6)	***c***	14.138(8)
Space Group No.:	2	***(Å,°)***	α	68.08(1)	β 71.43	γ	84.36(2)

R-Factor (%): 7.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.474





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1314

LIFTOK

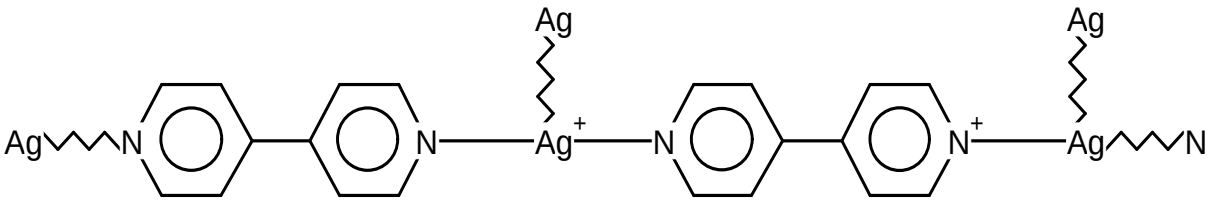
Reference: Zhao-Xun Lian, Jiwen Cai, Cai-Hong Chen (2007)
*Polyhedron ,***26,**2647

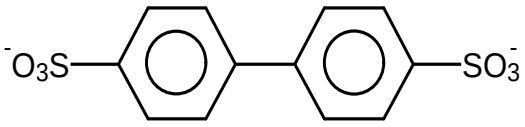
Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+})n,n(C_{12}\ H_8\ O_6\ S_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-di-silver 4,4'-biphenyldisulfonate)

Space Group:	C2/c	***Cell:***	***a***	19.057(14)	***b*** 11.417(5)	***c***	14.578(10)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.87(2)	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.860





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1315

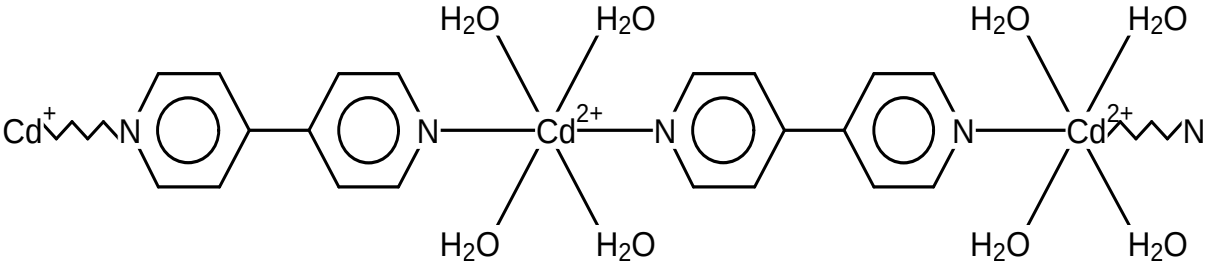
LIFTUQ

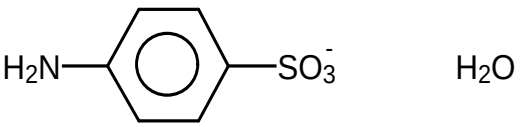
Reference: Zhao-Xun Lian, Jiwen Cai, Cai-Hong Chen (2007)
*Polyhedron ,***26,**2647

Formula: $(C_{20}\ H_{32}\ Cd_2\ N_4\ O_8\ ^{4+})n,4n(C_6\ H_6\ N_1\ O_3\ S_1\ ^{1-}),5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-octaaqua-di-cadmium tetrakis(4-aminobenzenesulfonate) pentahydrate)

Space Group:	P21	***Cell:***	***a*** 15.880(2)	***b*** 7.999(1)	***c*** 23.300(3)
Space Group No.:	4	***(Å,°)***	α 90.00	β 90.15(0)	γ 90.00
R-Factor (%):	3.89	***Temperature(K):***	173	***Density(g/cm^3):***	1.638





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1316

LIFVAY

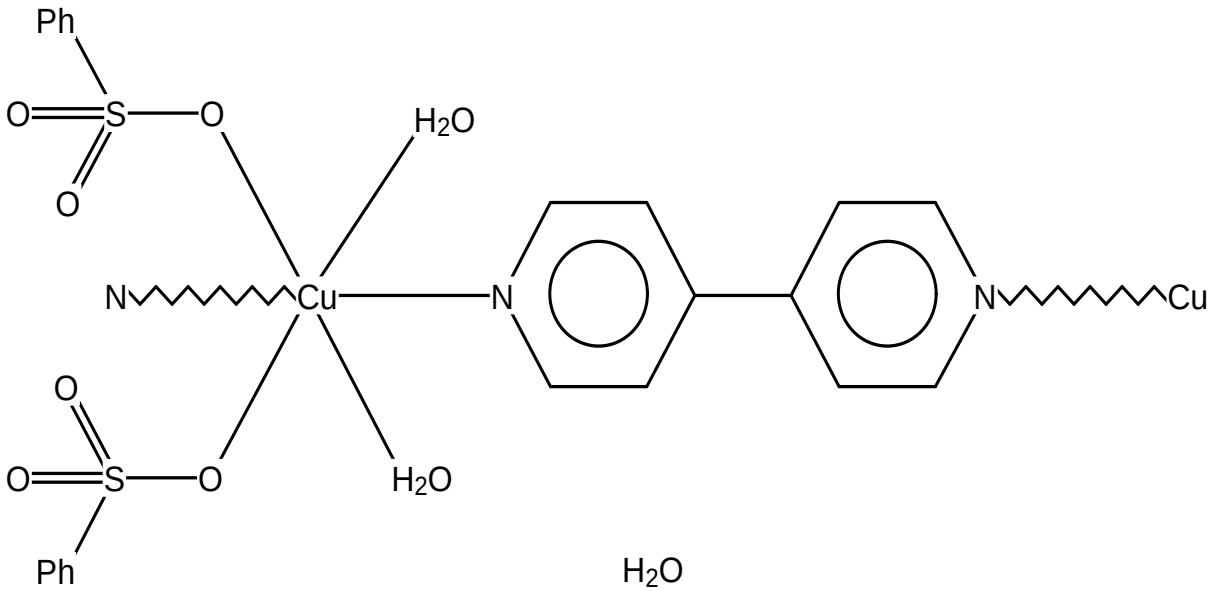
Reference: Zhao-Xun Lian, Jiwen Cai, Cai-Hong Chen (2007)
*Polyhedron ,***26,**2647

Formula: $(C_{22}\ H_{22}\ Cu_1\ N_2\ O_8\ S_2)n,4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(benzenesulfonato)-copper tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	11.146(7)	***b*** 7.753(5)	***c***	16.572(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.63(1)	γ	90.00

R-Factor (%): 3.03 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.554



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1317

LIFVEC

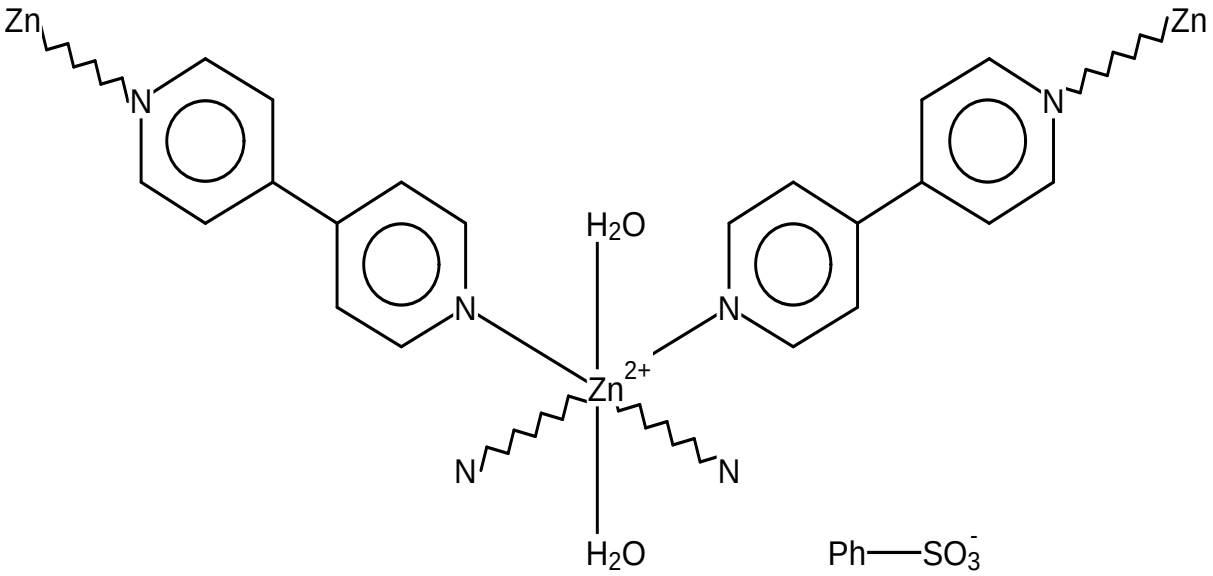
Reference: Zhao-Xun Lian, Jiwen Cai, Cai-Hong Chen (2007)
*Polyhedron ,***26,**2647

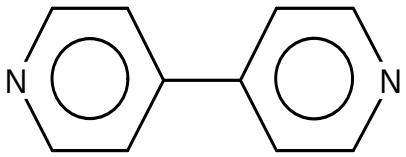
Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_5\ O_3\ S_1\ ^{1-}),n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-diaqua-zinc bis(benzenesulfonate) 4,4'-bipyridine solvate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	17.586(9)	***b*** 11.487(6)	***c***	22.752(11)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.88(0)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.444





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1318

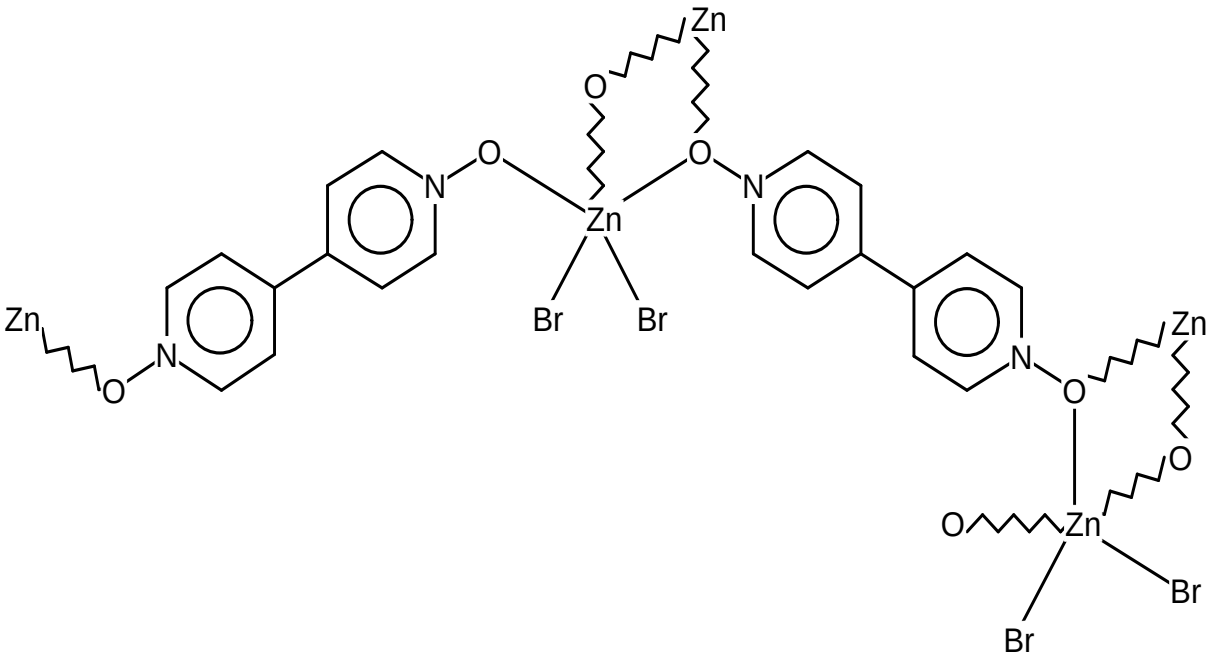
LIFXEE

Reference: S.A.Bourne, L.J.Moitsheki (2007) *Polyhedron* ,**26,**2719

Formula: $(C_{20}\ H_{16}\ Br_4\ N_4\ O_4\ Zn_2)n$

Compound Name: catena-((μ_4-4,4'-Bipyridine-N,N'-dioxide)-(μ_2-4,4'-bipyridine-N,N'-dioxide)-tetrabromo-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	8.236(2)	***b*** 9.322(2)	***c***	9.471(3)
Space Group No.:	2	***(Å,°)***	α	66.60(0)	β 84.58(0)	γ	66.67(0)
R-Factor (%):	2.67	***Temperature(K):***	113		***Density(g/cm^3):***		2.246



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1319

LIFXII

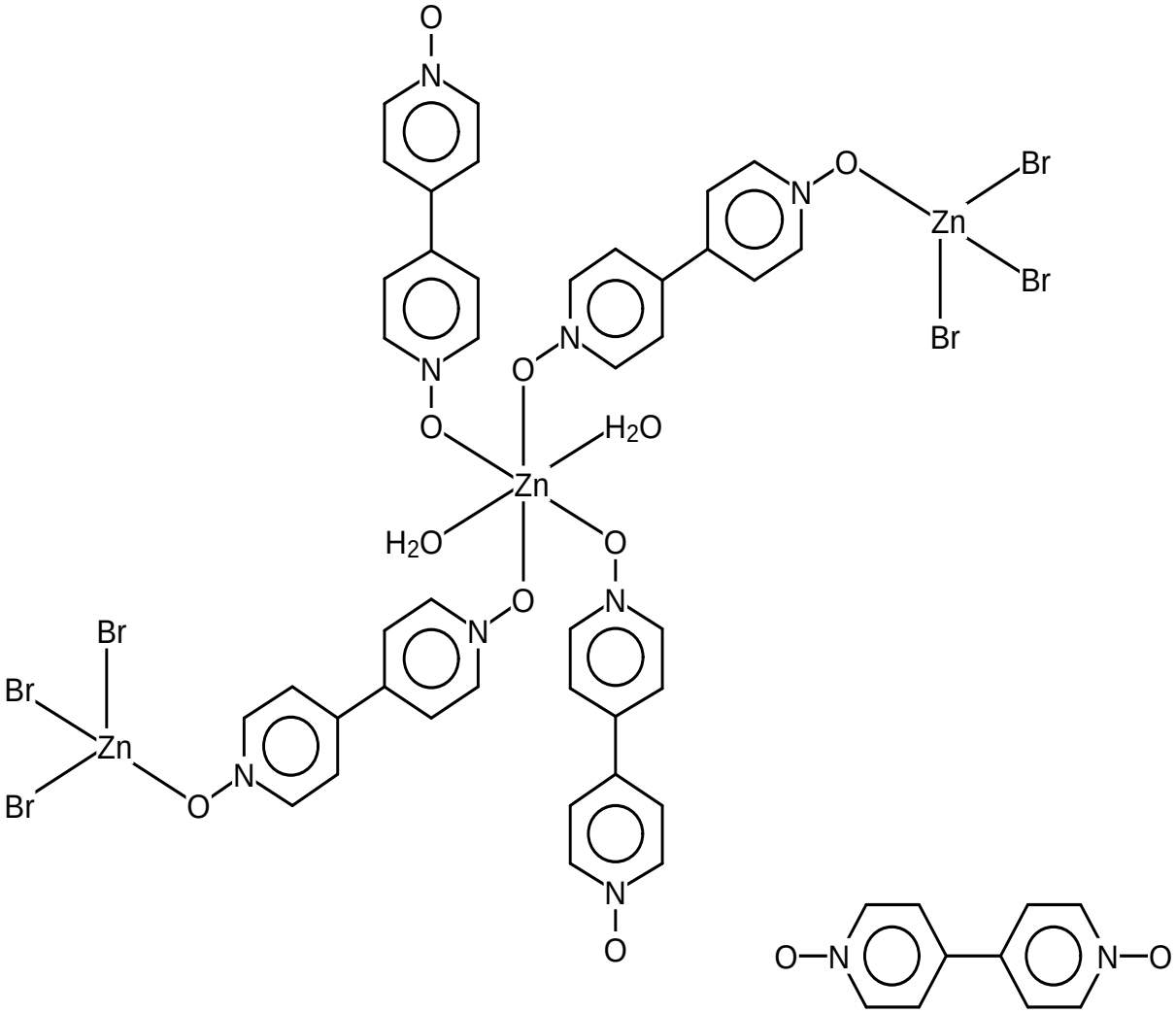
Reference: S.A.Bourne, L.J.Moitsheki (2007) *Polyhedron* ,**26,**2719

Formula: $C_{40}\ H_{36}\ Br_6\ N_8\ O_{10}\ Zn_3$,$C_{10}\ H_8\ N_2\ O_2$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N'-dioxide)-diaqua-bis(4,4'-bipyridine-N,N'-dioxide)-hexabromo-tri-zinc(ii) 4,4'-bipyridine-N,N'-dioxide

Space Group:	P-1	***Cell:***	***a***	7.244(1)	***b***	12.017(2)	***c***	16.630(3)
Space Group No.:	2	***(Å,°)***	α	99.90(3)	β	95.97(3)	γ	95.21(3)

R-Factor (%): 3.08 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.947



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1320

LIFXOO

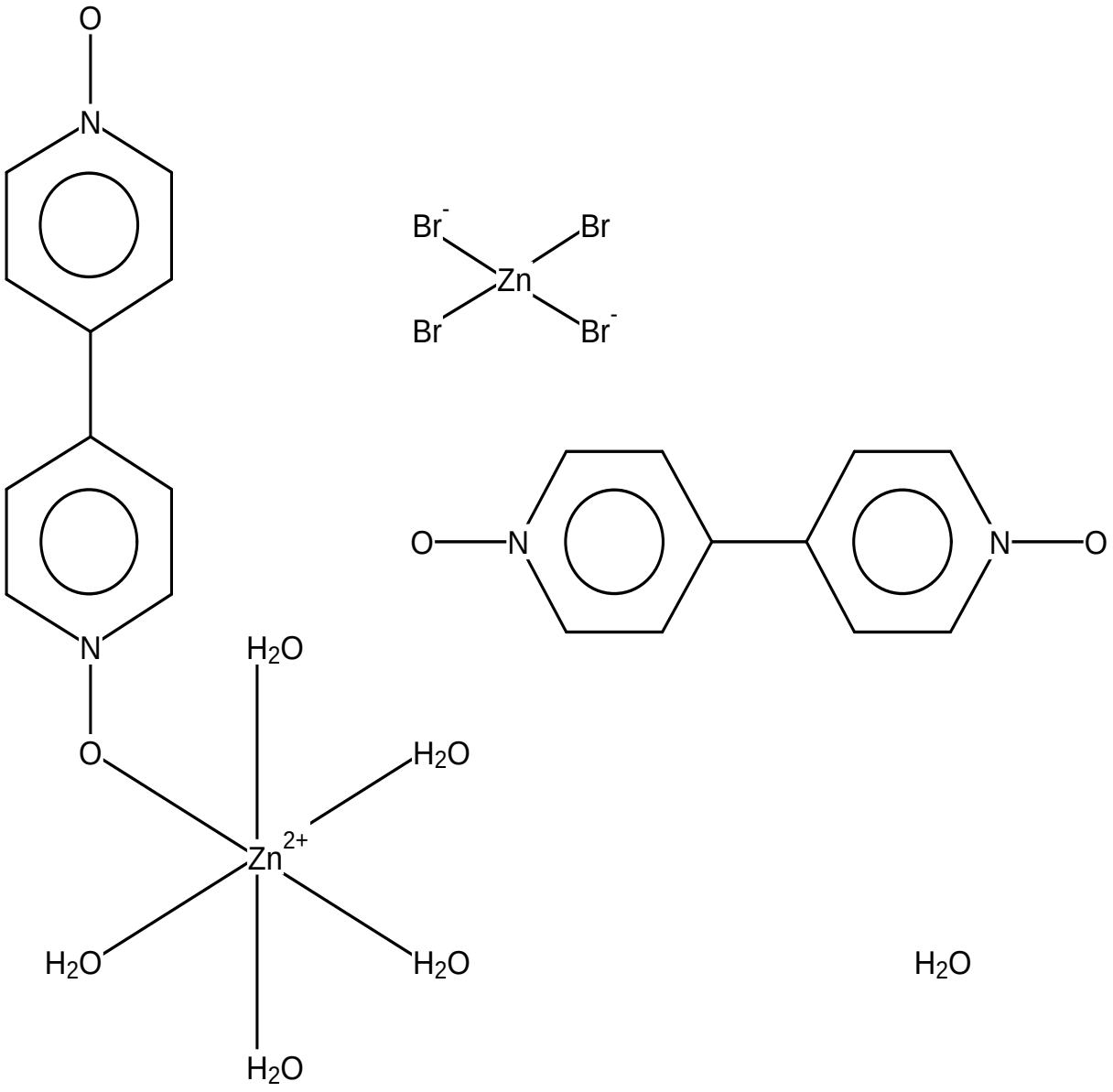
Reference: S.A.Bourne, L.J.Moitsheki (2007) *Polyhedron* ,**26,**2719

Formula: $C_{10}\,H_{18}\,N_2\,O_7\,Zn_1^{\,2+},Br_4\,Zn_1^{\,2-},2(C_{10}\,H_8\,N_2\,O_2),H_2\,O_1$

Compound Name: (4,4'-Bipyridine-N,N'-dioxide)-pentaaqua-zinc(ii) tetrabromo-zinc(ii) bis(4, 4'-bipyridine-N,N'-dioxide) monohydrate

Space Group:	P-1	***Cell:***	***a***	7.712(1)	***b***	15.768(3)	***c*** 16.639(3)
Space Group No.:	2	***(Å,°)***	α	70.99(3)	β	87.77(3)	γ 85.63(3)

R-Factor (%): 3.27 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.955



Search: search1 (Thu May 26 10:05:42 2011): Hit 1321

LIFXUU

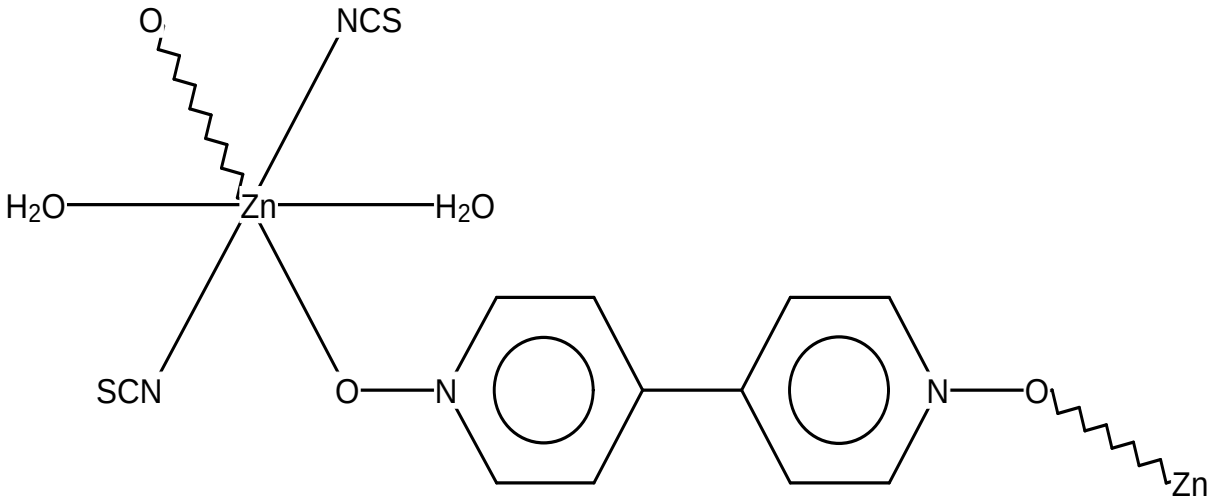
Reference: S.A.Bourne, L.J.Moitsheki (2007) *Polyhedron* ,**26,**2719

Formula: $(C_{12}\ H_{12}\ N_4\ O_4\ S_2\ Zn_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide)-diaqua-bis(isothiocyanato)-zinc(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.311(1)	***b*** 9.863(2)	***c***	12.013(2)
Space Group No.:	2	***(Å,°)***	α	77.29(3)	β 79.67(3)	γ	88.12(3)

R-Factor (%): 2.32 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.693



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1322

LIJCIQ

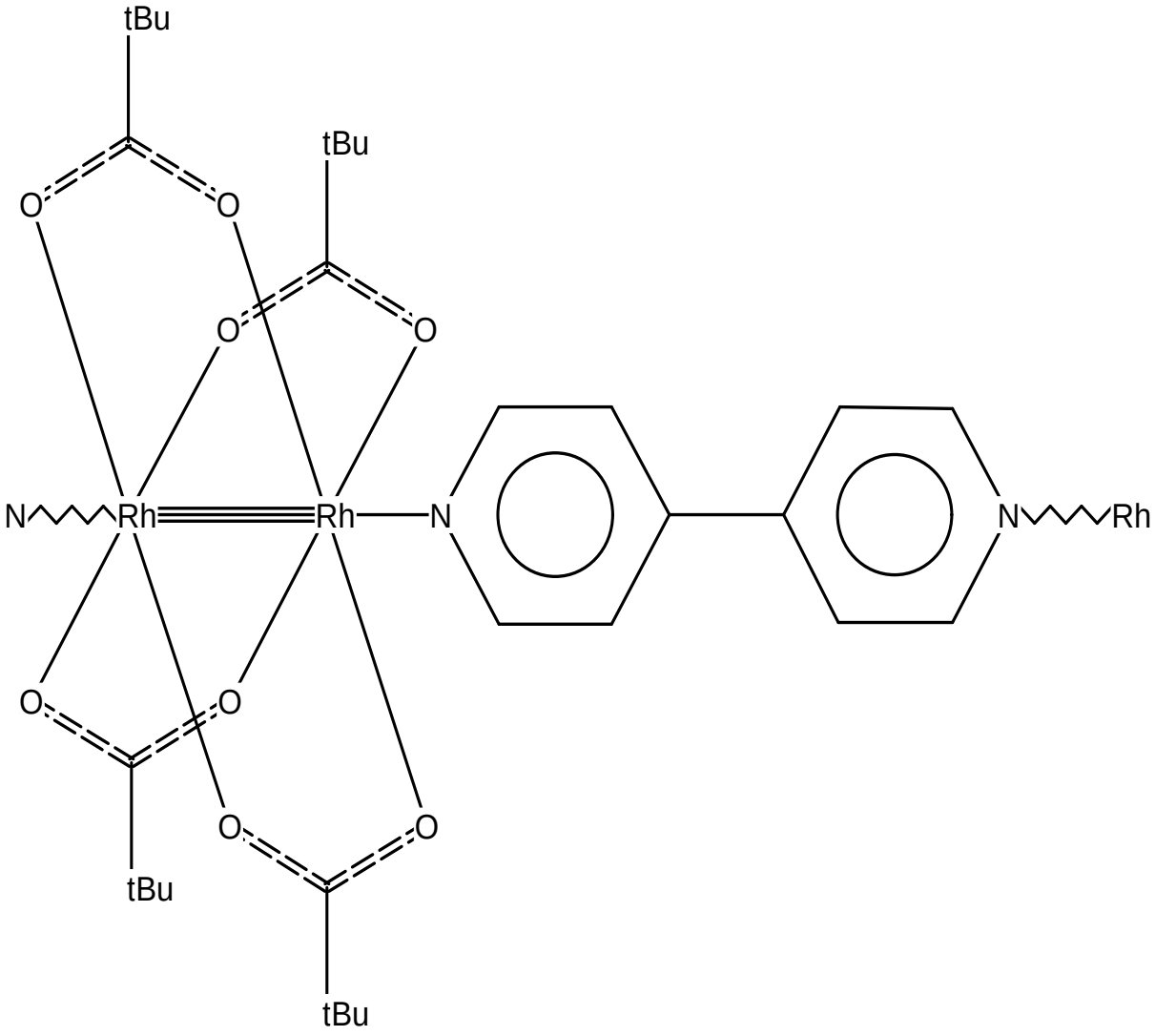
Reference: M.Handa, M.Watanabe, D.Yoshioka, S.Kawabata, R.Nukada, M.Mikuriya, H.Azuma, K.Kasuga (1999) *Bull.Chem.Soc.Jpn. ,***72,**2681

Formula: $(C_{30}\ H_{44}\ N_2\ O_8\ Rh_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetrakis(μ_2-pivaloato-O,O')-di-rhodium(ii))

Space Group:	P21/n	***Cell:***	***a***	10.213(3)	***b***	14.663(3)	***c***	24.133(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.33(1)	γ	90.00

R-Factor (%): 4.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.428



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1323

LIJREC

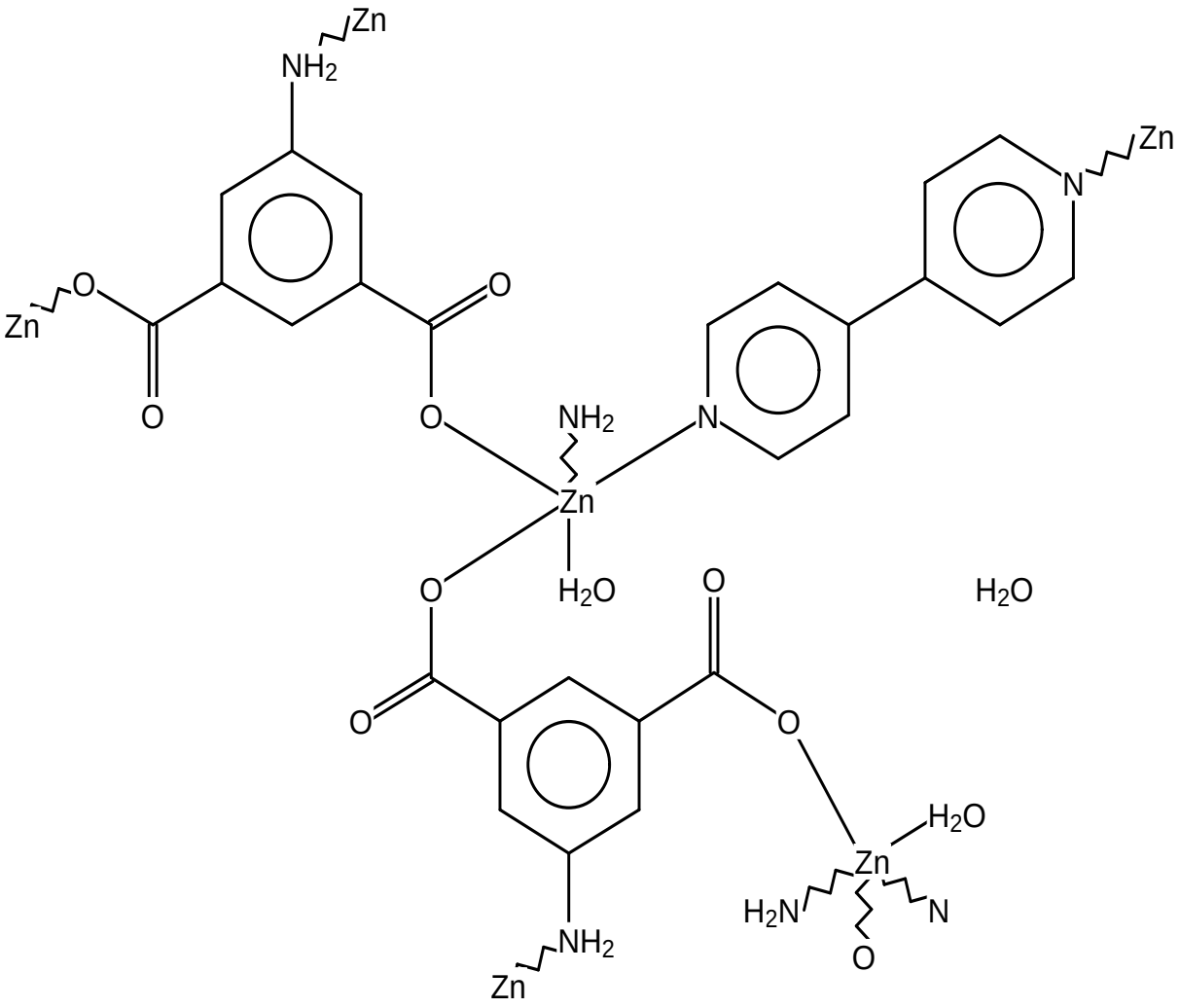
Reference: En Tang, Yu-Mei Dai, Ji-Zhao Li, Xiao-Qin Wang, Pei-Xiu Yin, Yuan-Gen Yao (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**529

Formula: $(C_{26}\ H_{22}\ N_4\ O_{10}\ Zn_2)n,1.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminobenzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-di-zinc(ii) sesquihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.672(0)	***b*** 7.656(0)	***c***	16.181(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.19(0)	γ	90.00

R-Factor (%): 7.02 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.586



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1324

LIJXEI

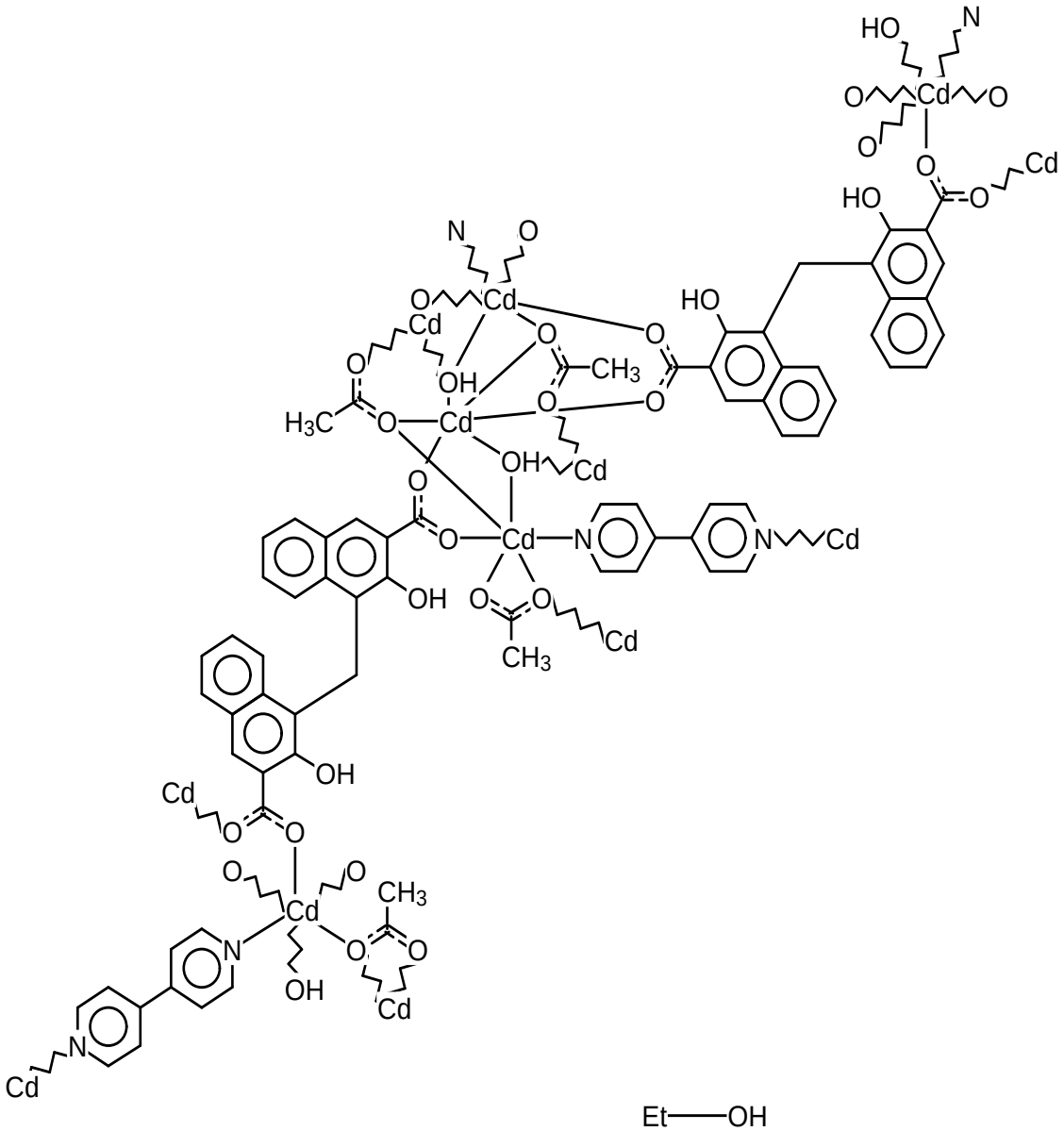
Reference: Ji-Jiang Wang, Meng-Lin Yang, Huai-Ming Hu, Gang-Lin Xue, Dong-Sheng Li, Qi-Zhen Shi (2007) *Inorg.Chem.Commun. ,***10,**269

Formula: $(C_{74}\ H_{58}\ Cd_5\ N_4\ O_{22})n,n(C_2\ H_6\ O_1)$

Compound Name: catena-(bis(μ_4-Pamoato-O,O',O'',O''')-bis(μ_3-acetato-O,O,O')-bis(μ_3-hydroxo)-bis(μ_2-acetato-O,O,O')-bis(μ_2-4,4'-bipyridine-N,N')-penta-cadmium(ii) ethanol solvate)

Space Group:	P21/n	***Cell:***	***a***	9.949(12)	***b***	16.150(20)	***c***	24.550(30)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.83(2)	γ	90.00

R-Factor (%): 4.47 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.662



Et——OH

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1325

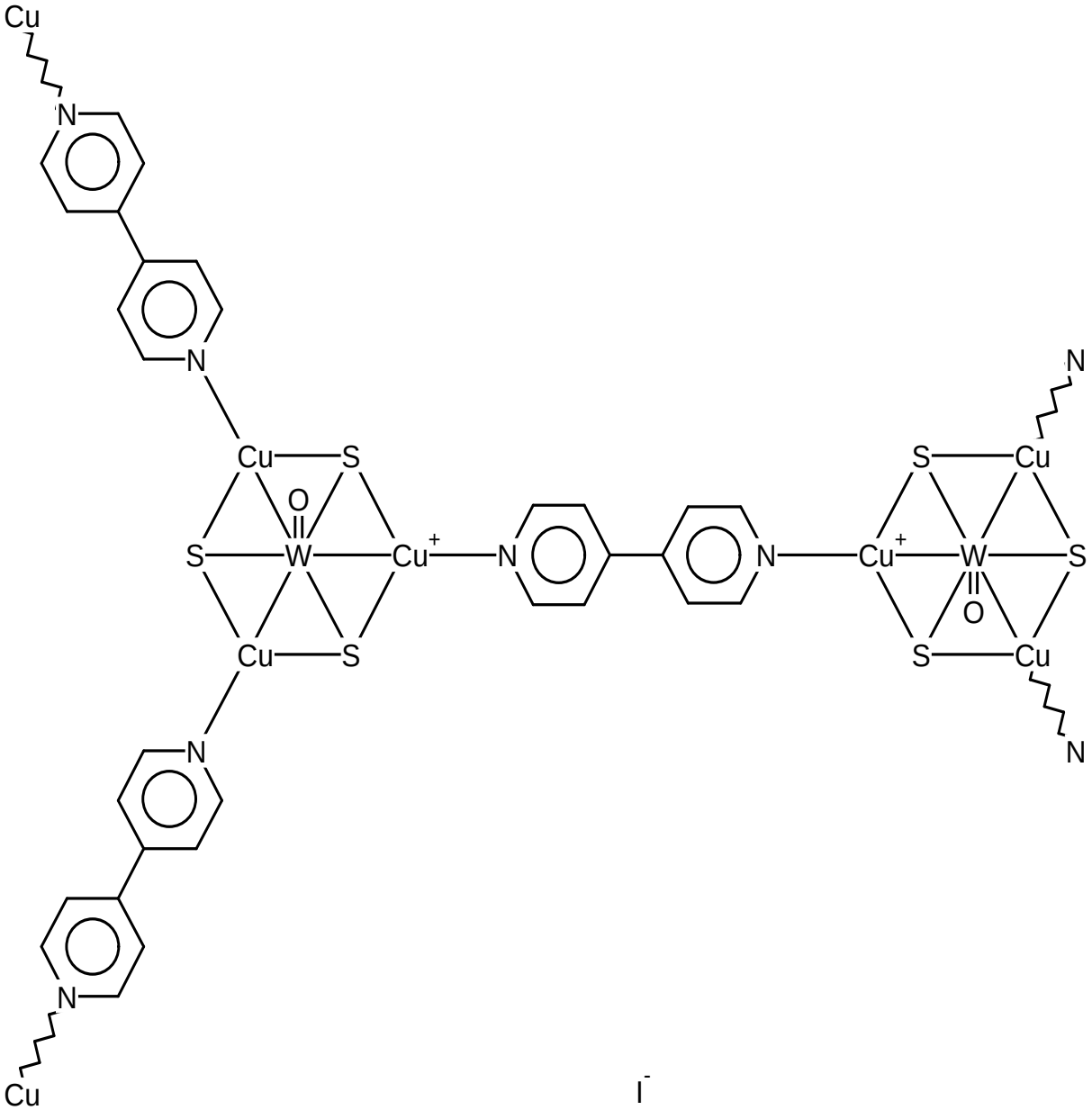
LIKBIR

Reference: Jianrong Li, Li Song, Shaowu Du (2007)
Inorg.Chem.Commun. ,**10,**358

Formula: $(C_{30}\ H_{24}\ Cu_6\ N_6\ O_2\ S_6\ W_2\ ^{2+})n,2n(I_1\ ^{1-})$

Compound Name: catena-(hexakis(μ_3-Sulfido)-tris(μ_2-4,4'-bipyridine-N,N')-dioxo-hexa-copper-di-tungsten bis(iodide))

Space Group:	R-3c	***Cell:***	***a***	13.491(0)	***b***	13.491(0)	***c*** 40.646(5)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	5.73	***Temperature(K):***	295		***Density(g/cm^3):***		2.637



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1326

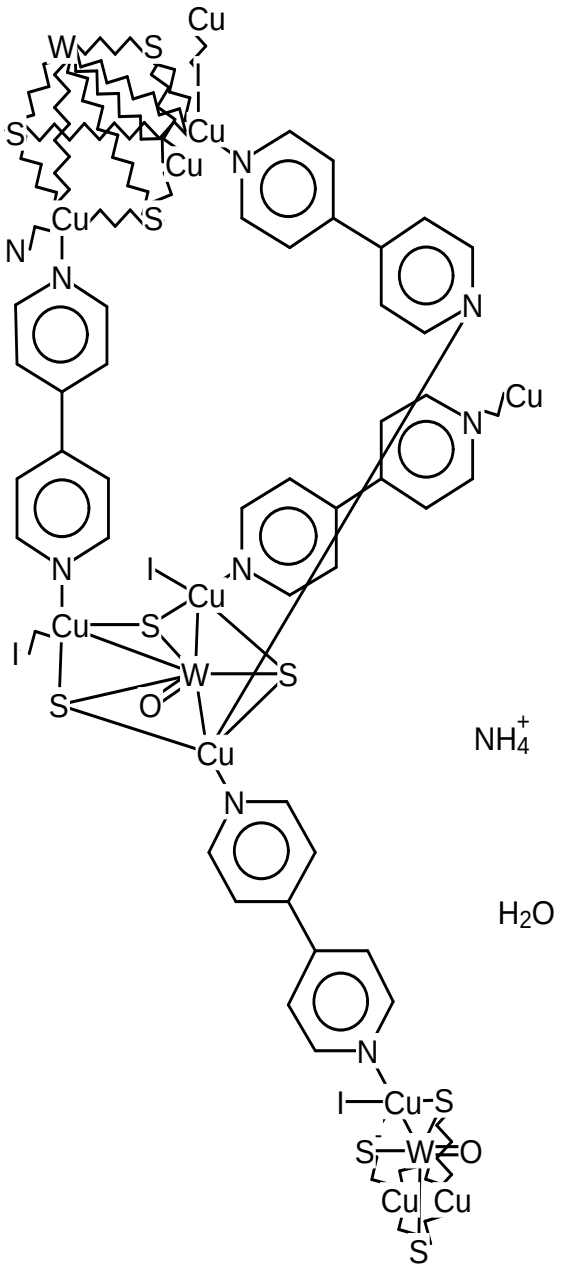
LIKCOY

Reference: Kexuan Huang, Yinglin Song, Zhaorui Pan, Yizhi Li, Xin Zhuo, Hegen Zhang (2007) *Inorg.Chem.* ,**46,**6233

Formula: $(C_{40}\ H_{32}\ Cu_6\ I_3\ N_8\ O_2\ S_6\ W_2\ ^{1-})n,n(H_4\ N_1\ ^{1+}),5n(H_2\ O_1)$

Compound Name: catena-(ammonium hexakis(μ_3-sulfido)-tetrakis(μ_2-4,4'-bipyridine)-(μ_2-iodo)-di-iodo-dioxo-hexa-copper-di-tungsten pentahydrate)

Space Group:	C2/c	***Cell:***	***a***	17.927(4)	***b***	24.839(5)	***c*** 16.881(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	103.62(0)	γ 90.00
R-Factor (%):	4.79	***Temperature(K):***	298		***Density(g/cm^3):***		1.897



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1327

LIKDUF

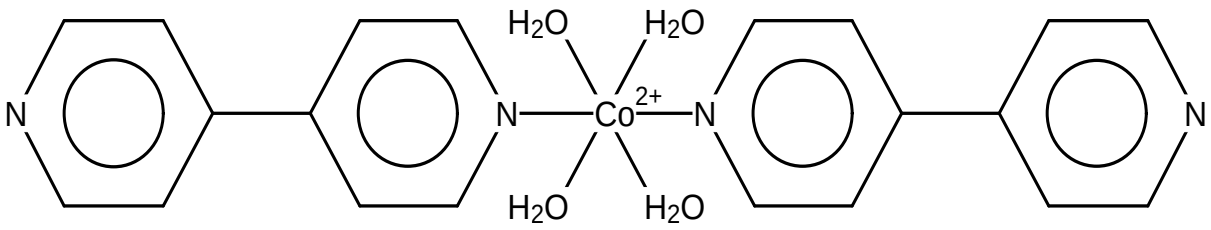
Reference: Xin-Hua Li, Jin-Ling Lu, A.F.Jalbout (2007)
*Z.Kristallogr.-New Cryst.Struct. ,***222,**114

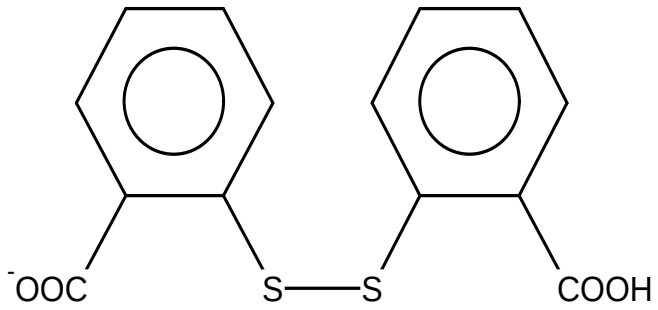
Formula: $C_{20}\ H_{24}\ Co_1\ N_4\ O_4\ ^{2+},2(C_{14}\ H_9\ O_4\ S_2\ ^{1-})$

Compound Name: tetraaqua-bis(4,4'-bipyridine)-cobalt(ii) bis(2,2'-hydrogendithiodibenzoate)

Space Group:	P-1	***Cell:***	***a***	7.728(1)	***b***	10.968(1)	***c*** 14.092(2)
Space Group No.:	2	***(Å,°)***	α	71.00(0)	β	88.22(0)	γ 80.50(0)

R-Factor (%): 10.30 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.572





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1328

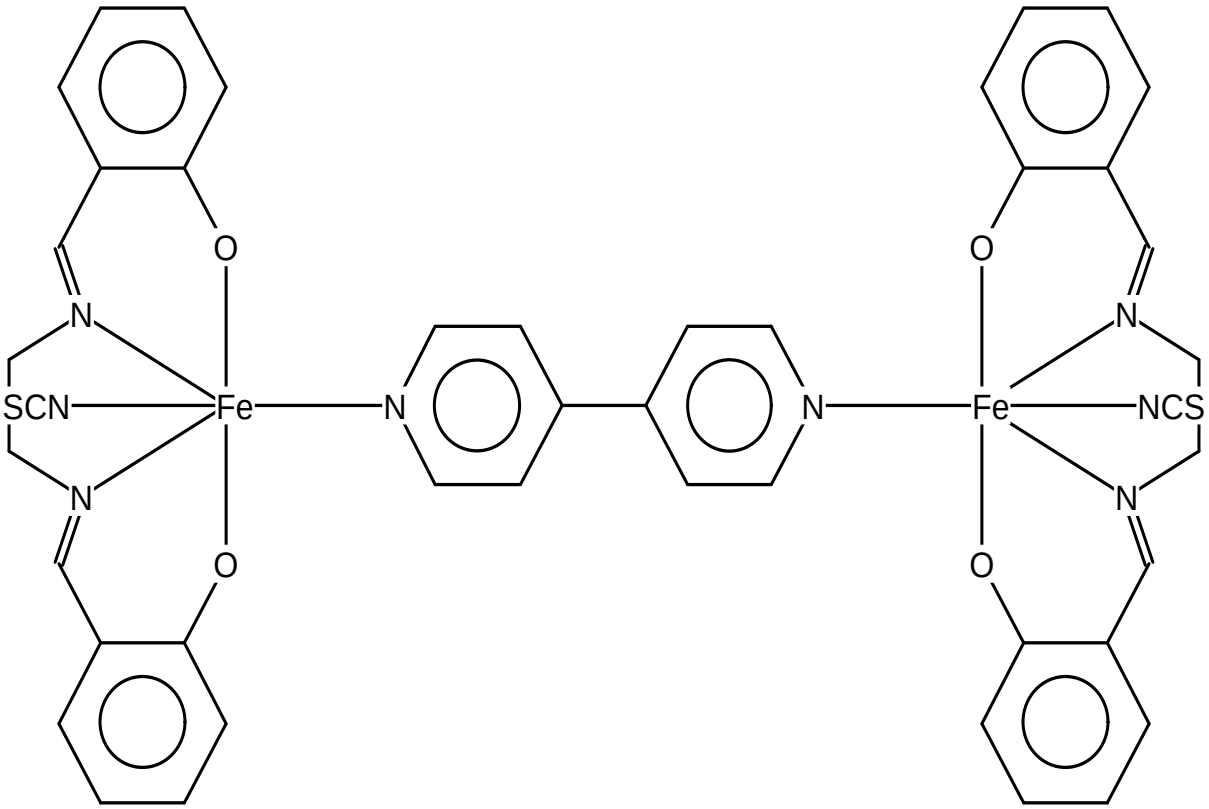
LILSAB

Reference: Xun Feng, Jian-Ge Wang, Cheng-Zhi Xie, Ning Ma (2007) *Z.Anorg.Allg.Chem.* ,**633,**2085

Formula: $C_{44}\ H_{36}\ Fe_2\ N_8\ O_4\ S_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(N,N'-ethylene-bis(salicylideneaminato))-bis(isothiocyanato)-di-iron(iii)

Space Group:	P-1	***Cell:***	***a***	8.561(1)	***b***	9.056(1)	***c*** 14.488(1)
Space Group No.:	2	***(Å,°)***	α	103.18(0)	β	99.38(0)	γ 97.82(0)
R-Factor (%):	3.90	***Temperature(K):***	291		***Density(g/cm^3):***		1.434



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1329

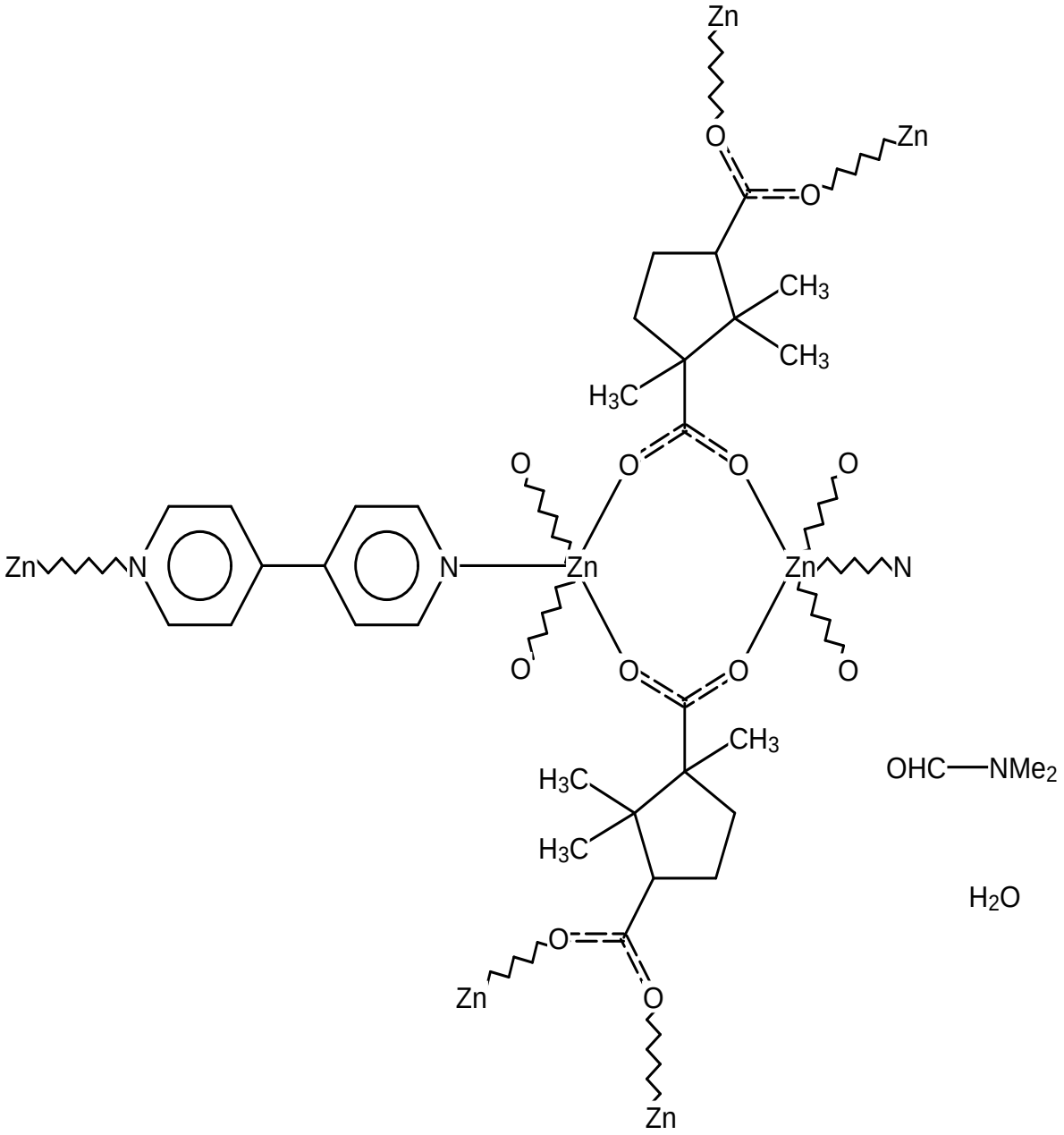
LILZOW

Reference: D.N.Dybtsev, M.P.Yutkin, E.V.Peresypkina, A.V.Virovets, C.Serre, G.Ferey, V.P.Fedin (2007) *Inorg.Chem. ,***46,**6843

Formula: $(C_{30}\ H_{36}\ N_2\ O_8\ Zn_2)n,3n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Camphorato-O,O',O'',O''')-(μ_2-4,4'-bipyridyl-N,N')-di-zinc(ii) N,N-dimethylformamide solvate monohydrate)

Space Group:	F222	***Cell:***	***a***	18.870(0)	***b***	18.870(0)	***c***	27.899(1)
Space Group No.:	22	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.24	***Temperature(K):***	90		***Density(g/cm^3):***		1.231	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1330

LILZOW01

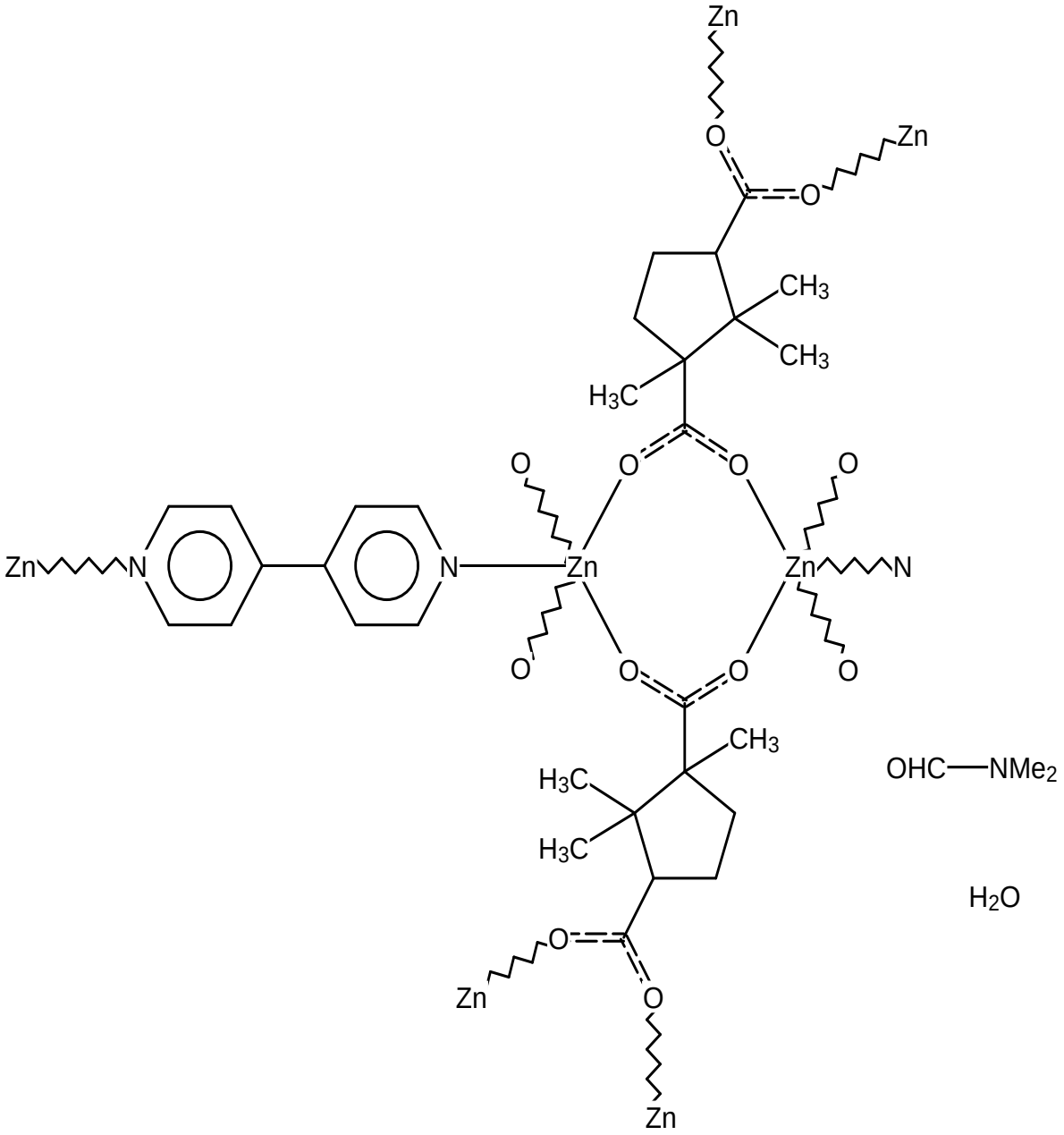
Reference: D.N.Dybtsev, M.P.Yutkin, E.V.Peresypkina, A.V.Virovets, C.Serre, G.Ferey, V.P.Fedin (2007) *Inorg.Chem. ,***46,**6843

Formula: $(C_{30}\ H_{36}\ N_2\ O_8\ Zn_2)n,3n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Camphorato-O,O',O'',O''')-(μ_2-4,4'-bipyridyl-N,N')-di-zinc(ii) N,N-dimethylformamide solvate monohydrate)

Space Group:	I-4c2	***Cell:***	***a***	13.343(0)	***b***	13.343(0)	***c***	27.899(1)
Space Group No.:	120	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.55 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.231



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1331

LIQQUX

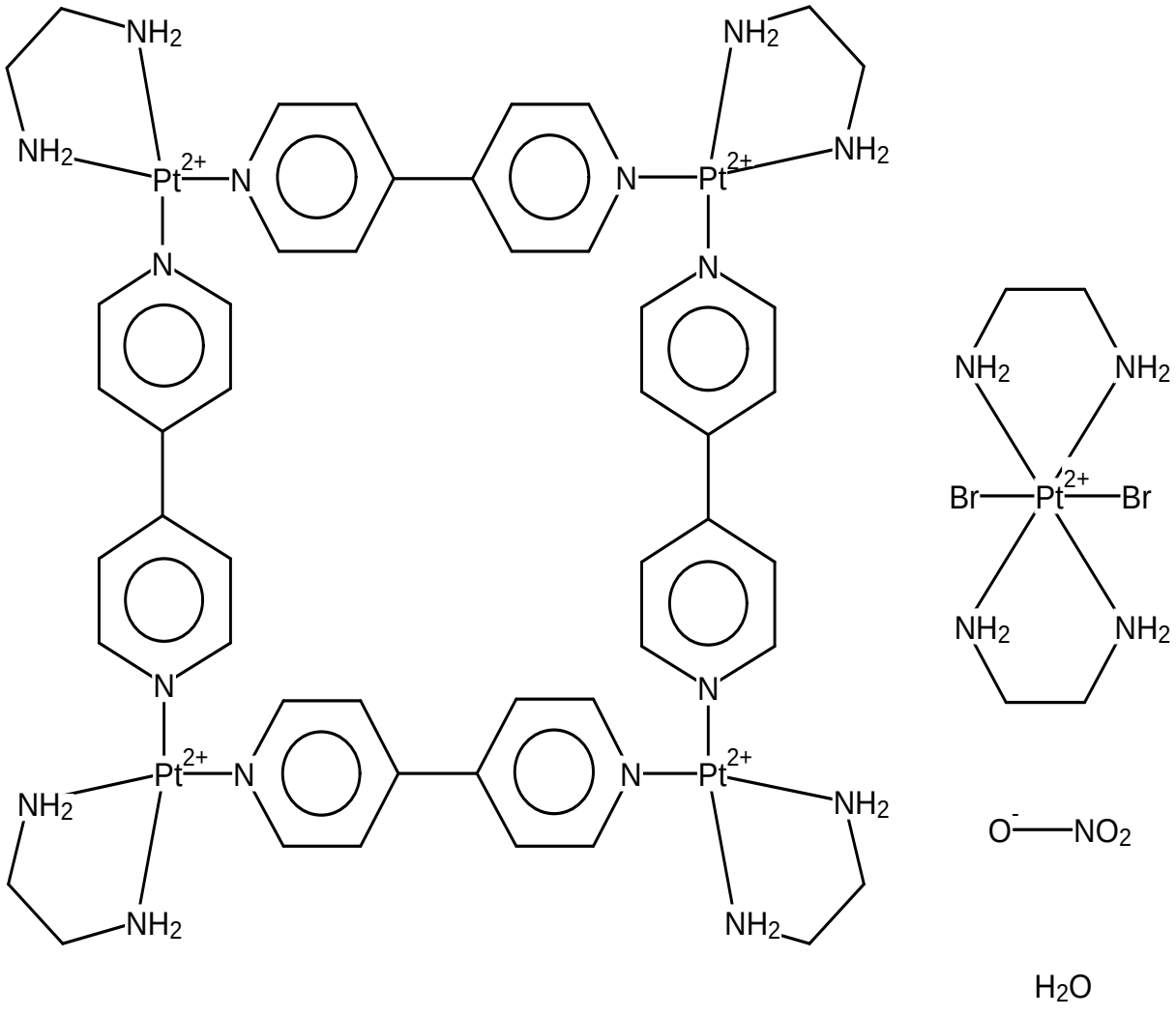
Reference: M.Aoyagi, K.Biradha, M.Fujita (1999) *Bull.Chem.Soc.Jpn.* , **72,**2603

Formula: $C_{48}\ H_{64}\ N_{16}\ Pt_4\ ^{8+}$,3($C_4\ H_{16}\ Br_2\ N_4\ Pt_1\ ^{2+}$),14($N_1\ O_3\ ^{1-}$),12($H_2\ O_1$)

Compound Name: tetrakis((μ_2-4,4'-Bipyridine)-(ethylene-1,2-diamine)-platinum(ii)) tris(dibromo-bis(ethylene-1,2-diamine)-platinum(iv)) tetradecanitrate dodecahydrate

Space Group:	P21/c	***Cell:***	***a***	20.648(4)	***b*** 16.205(3)	***c***	19.397(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.03(1)	γ	90.00

R-Factor (%): 4.34 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.278



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1332

LIQRUZ

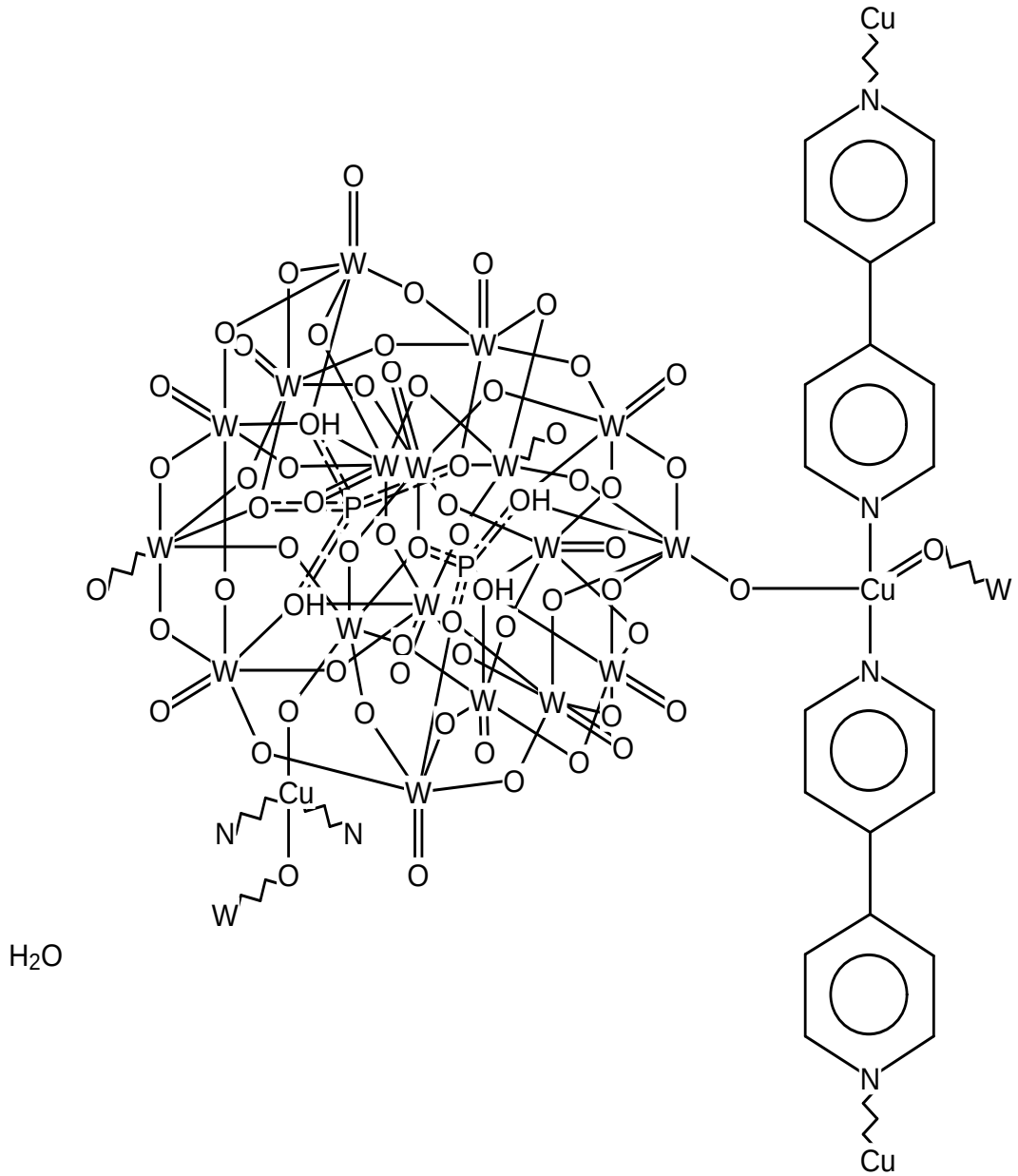
Reference: Jingquan Sha, Cheng Wang, Jun Peng, Jing Chen, Aixiang Tian, Pengpeng Zhang (2007) *Inorg.Chem.Commun.* ,**10,**1321

Formula: $(C_{20}\ H_{20}\ Cu_2\ N_4\ O_{62}\ P_2\ W_{18})n,2n(H_2\ O_1)$

Compound Name: catena-(bis((μ9-Dihydrogen phosphato)-(μ2-4,4'-bipyridine))-tetracosa(μ2-oxo)-tetradecaoxo-di-copper(i)-octadeca-tungsten(vi) dihydrate)

Space Group:	Cmma	***Cell:***	***a***	19.840(5)	***b***	21.933(5)	***c***	21.739(5)
Space Group No.:	67	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.400



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1333

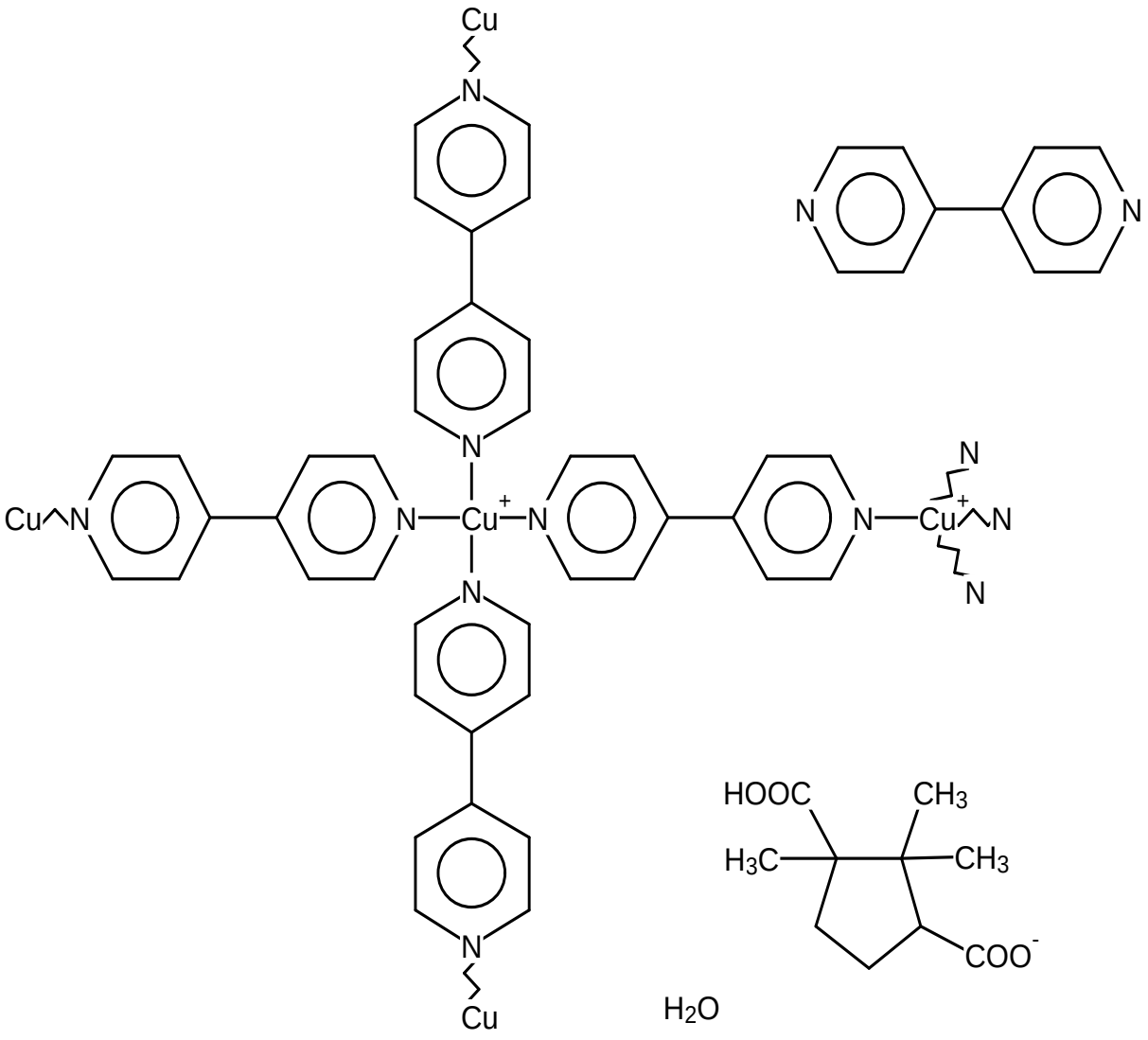
LIRVAK

Reference: Jian Zhang, Rui Liu, Pingyun Feng, Xianhui Bu (2007) *Angew.Chem.,Int.Ed. ,***46,**8388

Formula: $(C_{40}\ H_{32}\ Cu_2\ N_8\ ^{2+})n,2n(C_{10}\ H_{15}\ O_4\ ^{1-}),12n(H_2\ O_1),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[tetrakis(μ_2-4,4'-Bipyridyl)-di-copper(i) 1,2,2-trimethyl-1-carboxycyclopentane-3-carboxylate bis(4,4'-bipyridine) dodecahydrate clathrate]

Space Group:	P21	***Cell:***	***a***	11.556(0)	***b***	25.628(1)	***c***	14.100(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	94.14(0)	γ	90.00
R-Factor (%):	5.56	***Temperature(K):***	273	***Density(g/cm^3):***	1.339			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1334

LITJUT

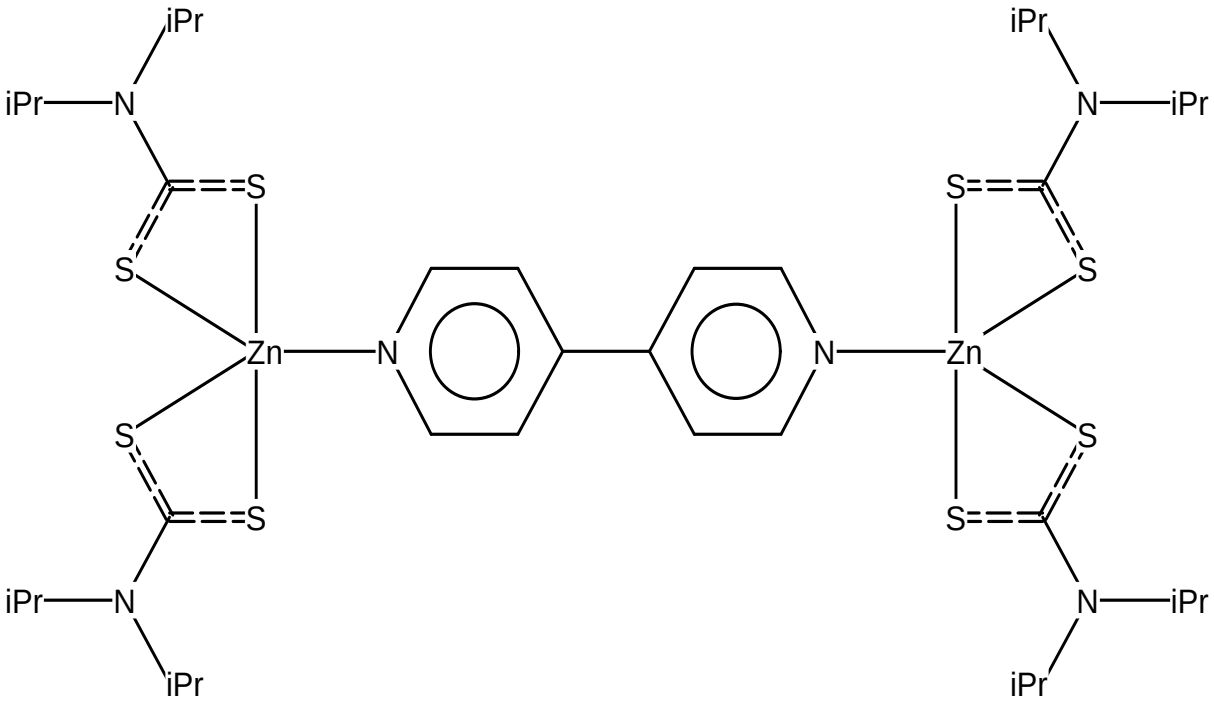
Reference: S.V.Larionov, R.F.Klevtsova, V.G.Shchukin, L.A.Glinskaya, S.M.Zemskova (1999) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**25,**743

Formula: $C_{38}\ H_{64}\ N_6\ S_8\ Zn_2,2(C_7\ H_8)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(bis(N,N-di-isopropyldithiocarbamato)-zinc(ii)) toluene solvate

Space Group:	P21/c	***Cell:***	***a***	8.458(2)	***b*** 33.668(7)	***c***	11.754(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.68(3)	γ	90.00

R-Factor (%): 4.68 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.248



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1335

LITKIJ

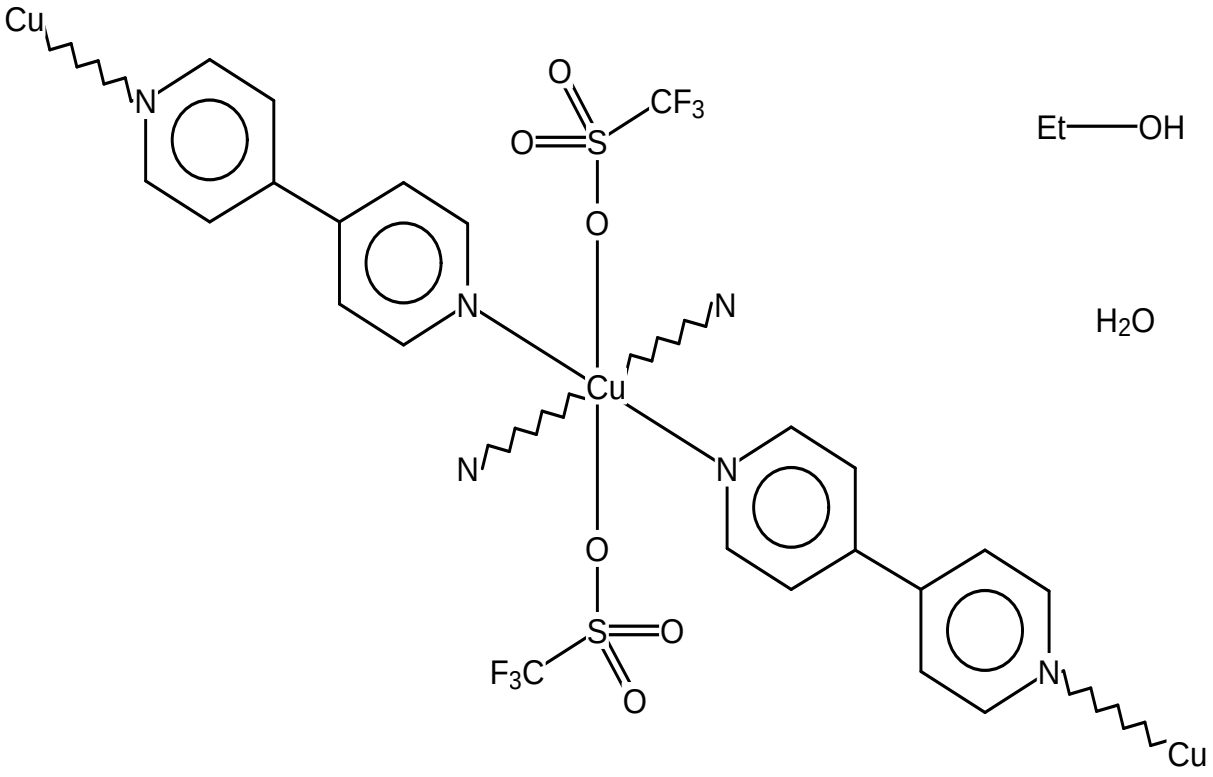
Reference: A.Kondo, H.Noguchi, L.Carlucci, D.M.Proserpio, G.Ciani, H.Kajiro, T.Ohba, H.Kanoh, K.Kaneko (2007) *J.Am.Chem.Soc. ,***129,** 12362

Formula: $(C_{22}\ H_{16}\ Cu_1\ F_6\ N_4\ O_6\ S_2)n,2n(C_2\ H_6\ O_1),n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-bis(trifluoromethanesulfonato-O)-copper(ii) ethanol solvate monohydrate]

Space Group:	Pna21	***Cell:***	***a***	16.743(9)	***b***	14.723(8)	***c*** 14.352(8)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.79 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.472



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1336

LITKOP

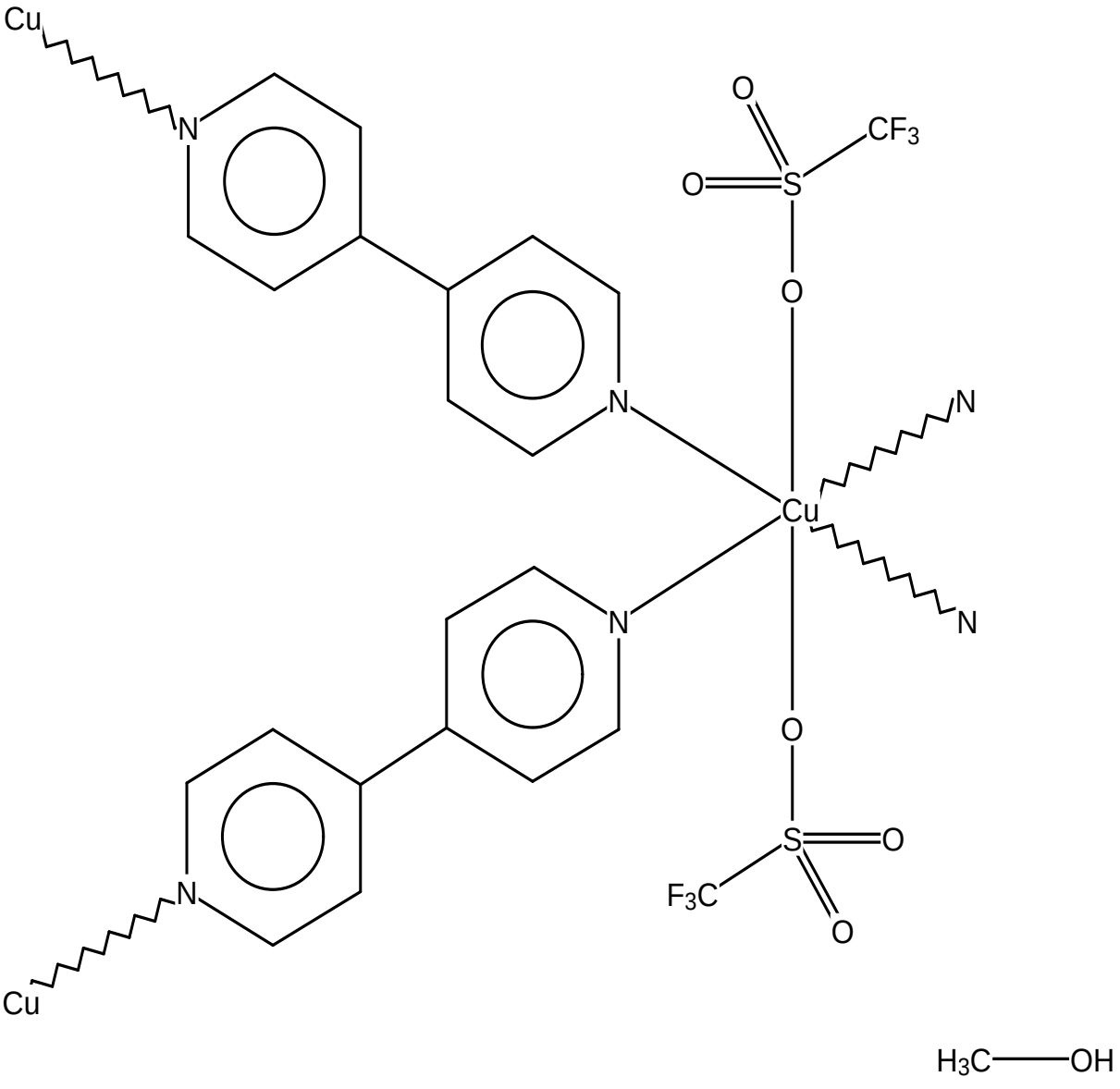
Reference: A.Kondo, H.Noguchi, L.Carlucci, D.M.Proserpio, G.Ciani, H.Kajiro, T.Ohba, H.Kanoh, K.Kaneko (2007) *J.Am.Chem.Soc. ,***129,** 12362

Formula: $(C_{22}\ H_{16}\ Cu_1\ F_6\ N_4\ O_6\ S_2)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-bis(trifluoromethanesulfonato-O)-copper(ii) methanol solvate]

Space Group:	Pbcn	***Cell:***	***a***	15.319(3)	***b***	16.158(3)	***c***	13.688(3)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.20 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.384



Search: search1 (Thu May 26 10:05:42 2011): Hit 1337

LITKOP01

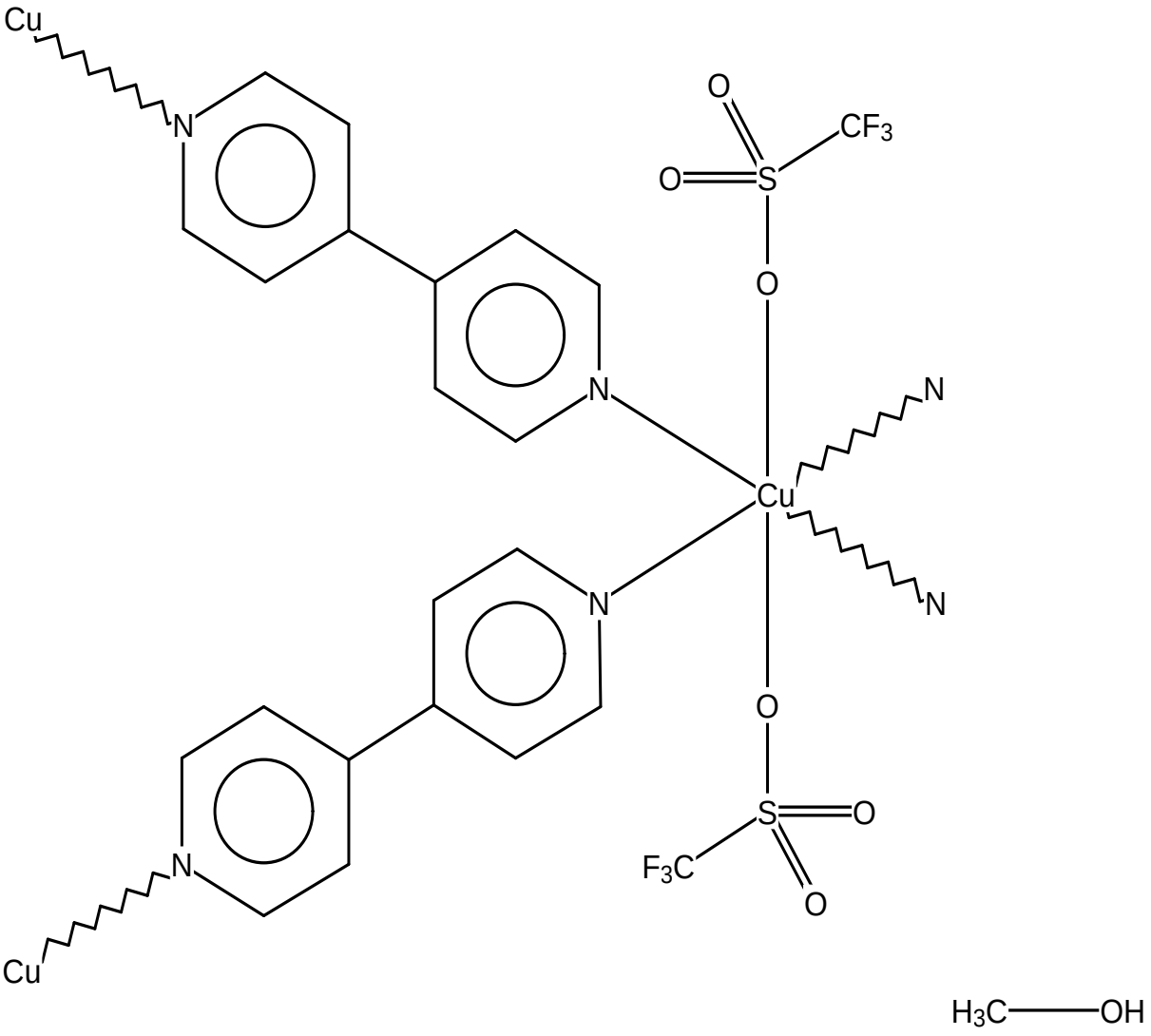
Reference: A.Kondo, H.Noguchi, L.Carlucci, D.M.Proserpio, G.Ciani, H.Kajiro, T.Ohba, H.Kanoh, K.Kaneko (2007) *J.Am.Chem.Soc. ,***129,** 12362

Formula: $(C_{22}\ H_{16}\ Cu_1\ F_6\ N_4\ O_6\ S_2)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-bis(trifluoromethanesulfonato-O)-copper(ii) methanol solvate]

Space Group:	C2/c	***Cell:***	***a*** 27.080(20)	***b*** 15.096(14)	***c*** 16.136(15)
Space Group No.:	15	***(Å,°)***	α 90.00	β 111.34(1)	γ 90.00

R-Factor (%): 14.15 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.527



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1338

LIVWES

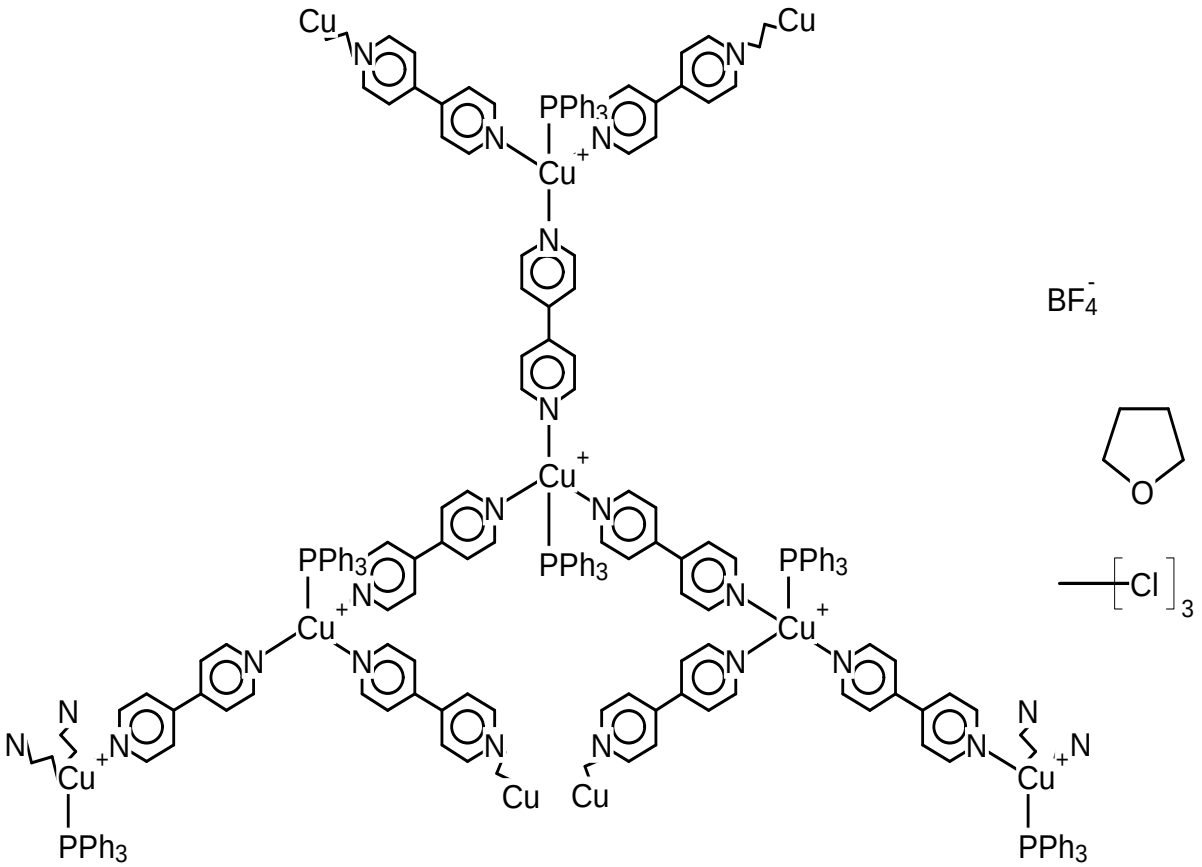
Reference: S.W.Keller, S.Lopez (1999) *J.Am.Chem.Soc.* ,**121,**6306

Formula: $(C_{198}\ H_{162}\ Cu_6\ N_{18}\ P_6\ ^{6+})n,6n(B_1\ F_4\ ^{1-}),8n(C_4\ H_8\ O_1),2n(C_1\ H_1\ Cl_3)$

Compound Name: catena-[nonakis(μ_2-(4,4'-Bipyridine))-hexakis(triphenylphosphino)-hexa-copper(i) hexakis(tetrafluoroborate)] tetrahydrofuran chloroform solvate

Space Group:	P21/c	***Cell:***	***a***	26.201(1)	***b***	23.579(1)	***c*** 19.075(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.48(0)	γ 90.00

R-Factor (%): 8.96 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.328



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1339

LIWDEB

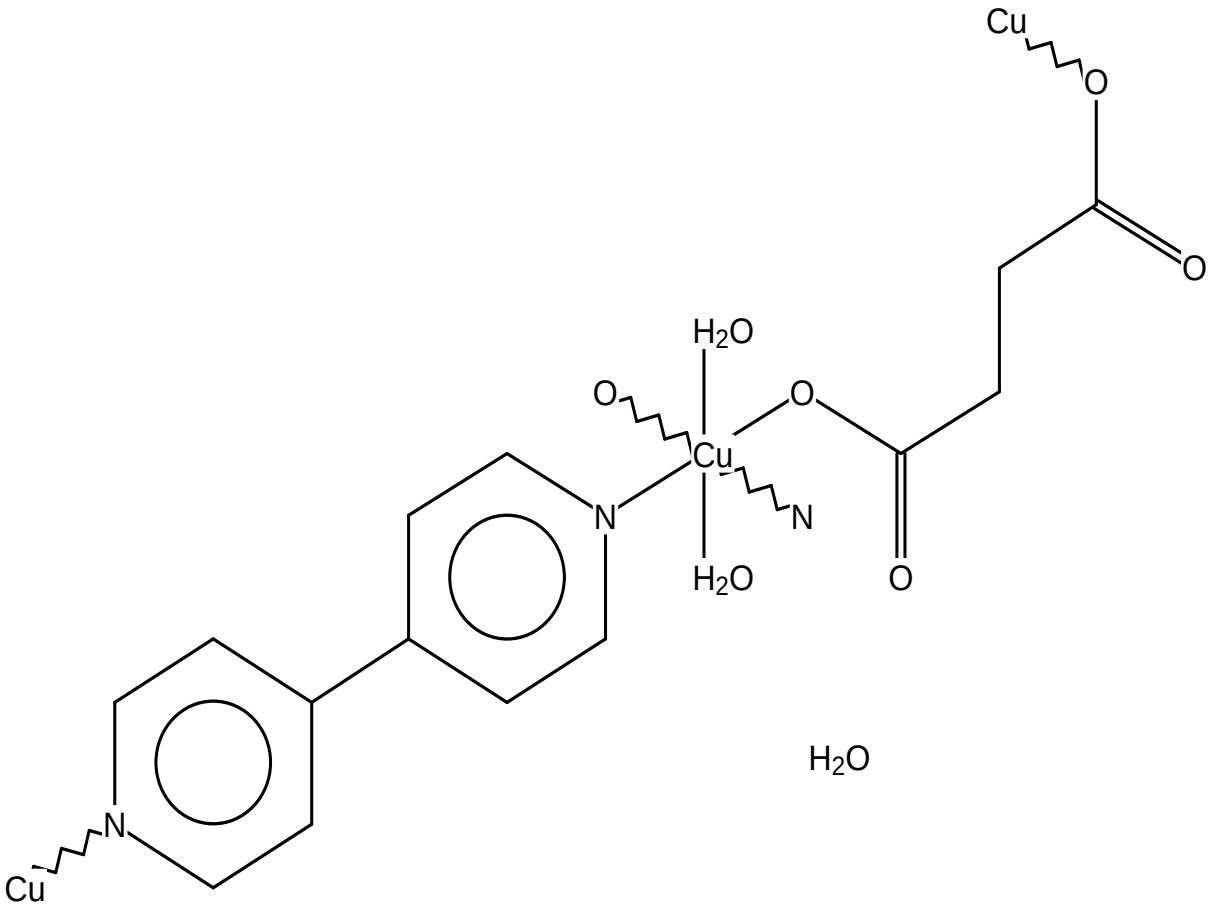
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.017(1)	***b***	11.017(1)	***c*** 24.606(7)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.93 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.571



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1340

LIWDEB01

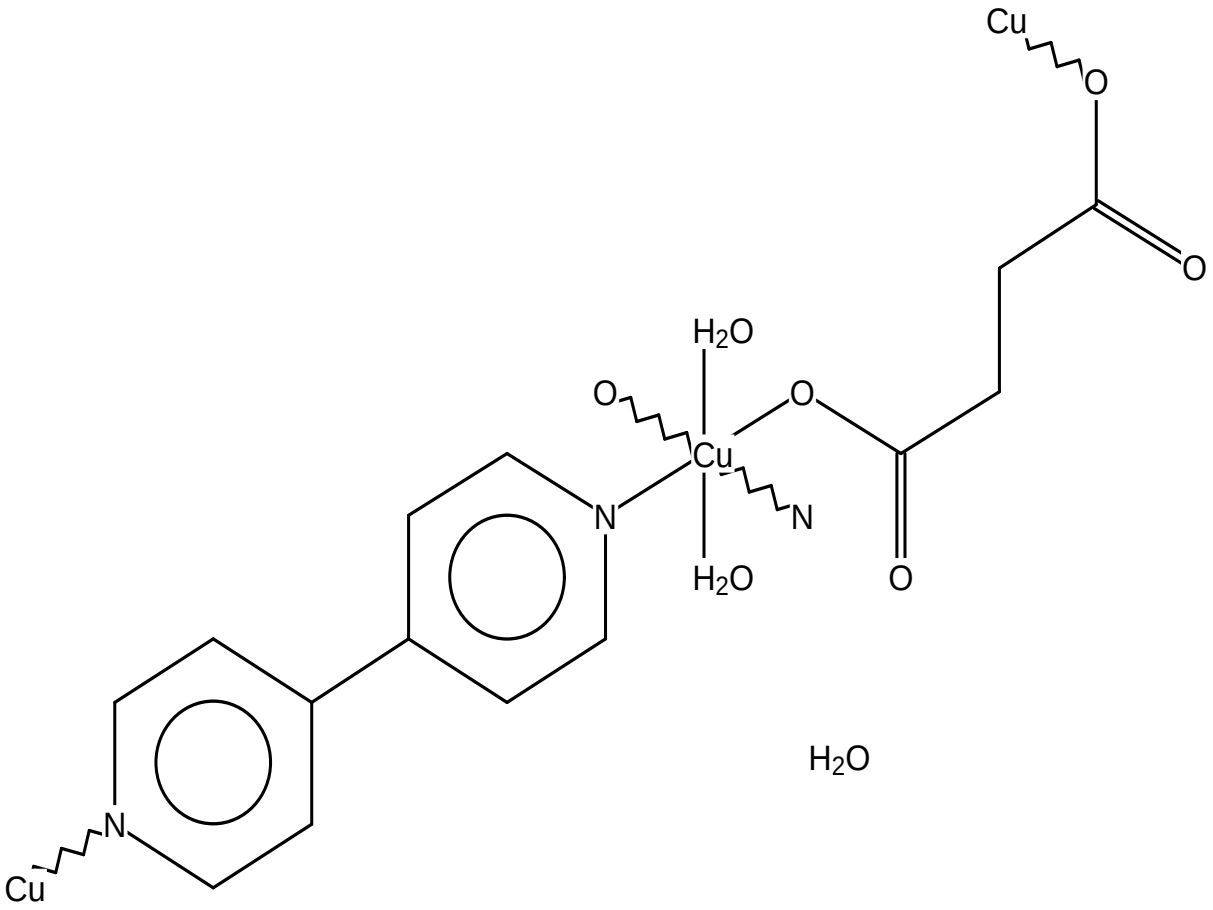
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.041(1)	***b***	11.041(1)	***c*** 24.636(7)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.94 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.562



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1341

LIWDEB02

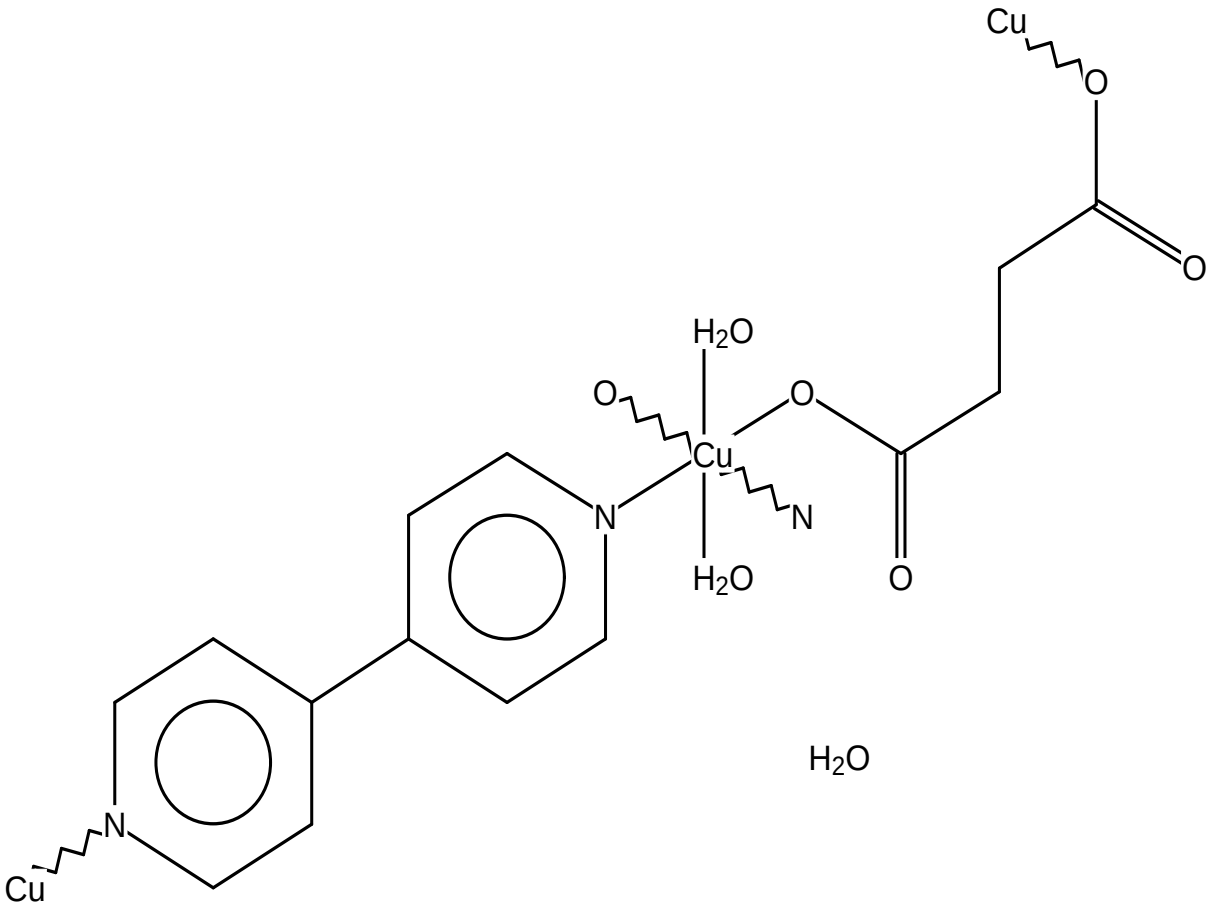
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.039(2)	***b***	11.039(2)	***c***	24.657(9)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.31 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.562



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1342

LIWDEB03

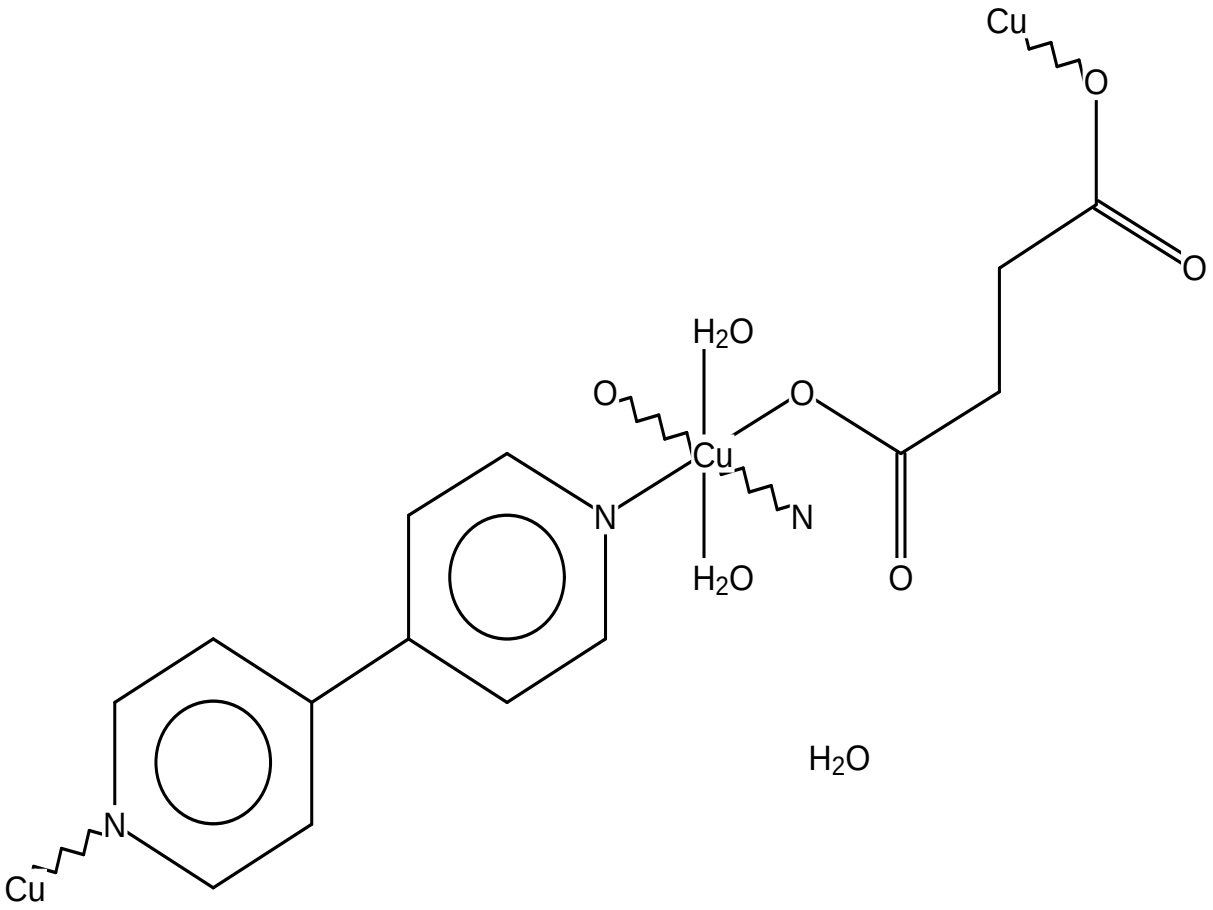
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.044(1)	***b***	11.044(1)	***c*** 24.604(7)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.09 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.564



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1343

LIWDEB04

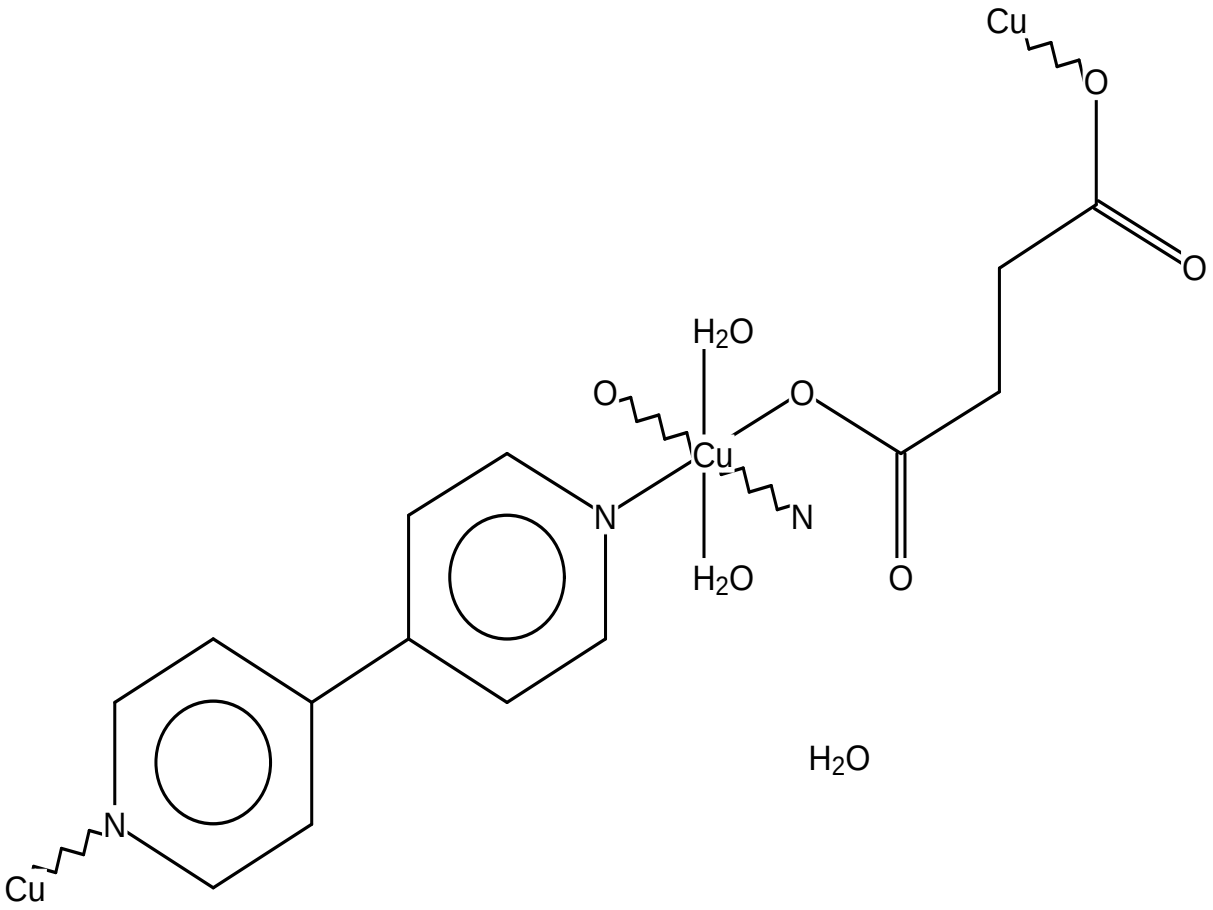
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	10.927(1)	***b***	10.927(1)	***c***	24.503(6)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 5.69 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1344

LIWDEB05

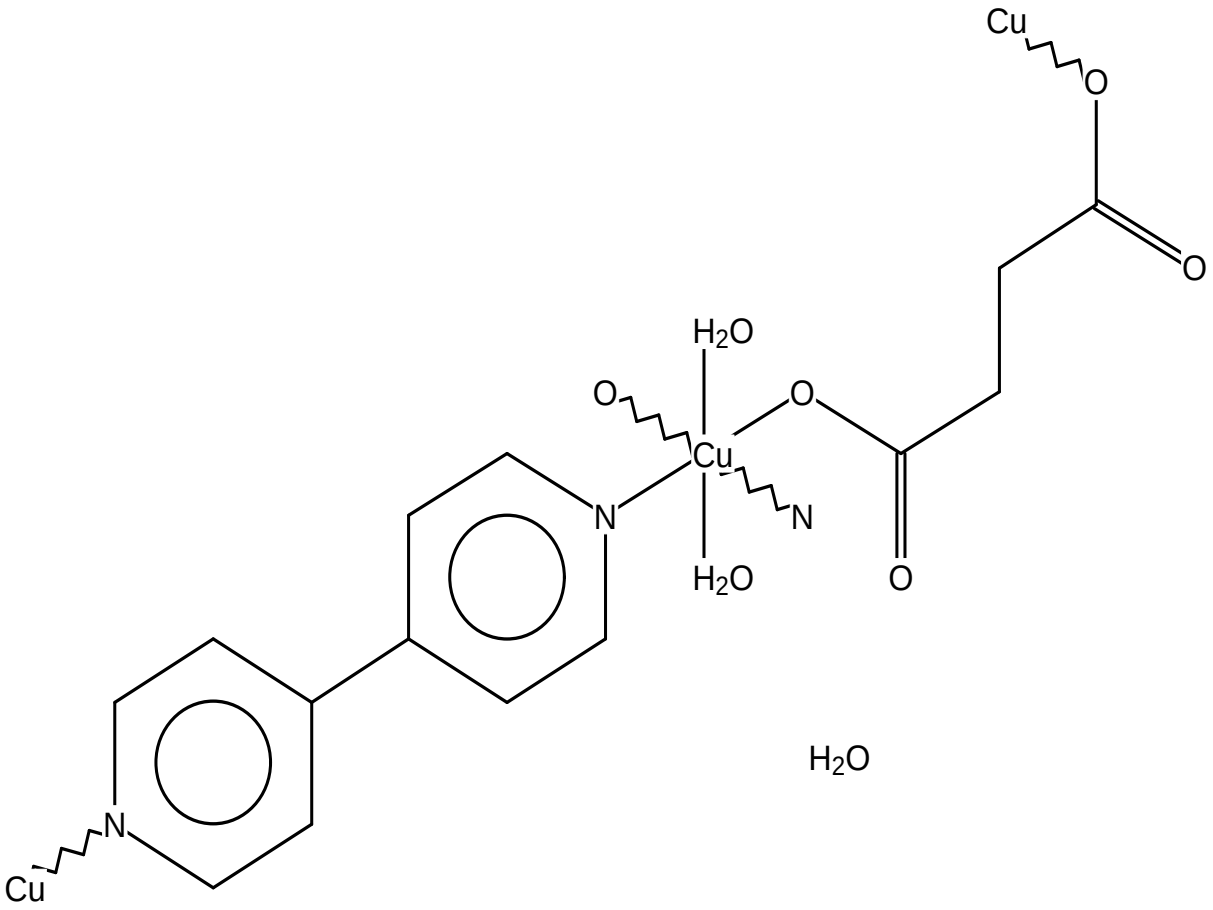
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.070(2)	***b***	11.070(2)	***c*** 24.947(10)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.96 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.535



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1345

LIWDEB06

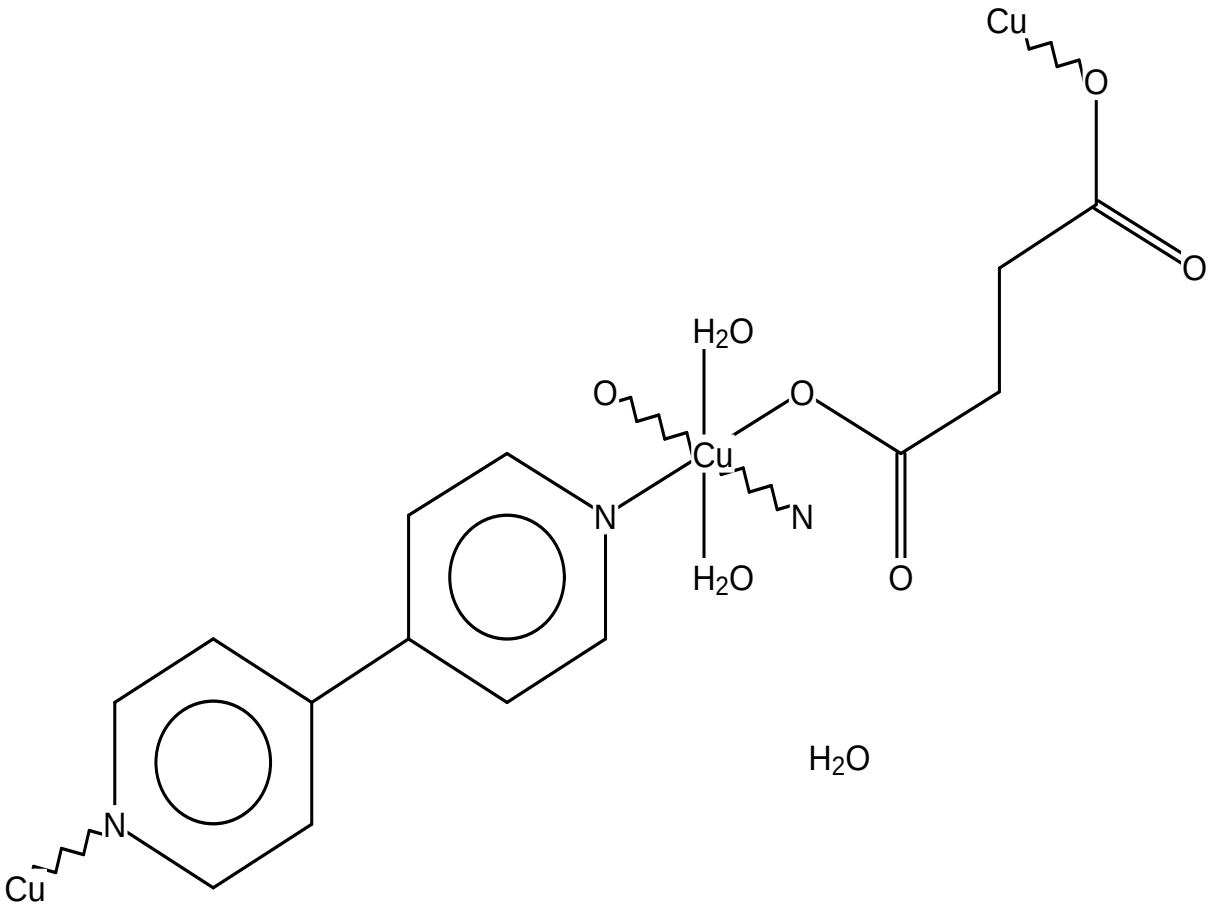
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.056(2)	***b***	11.056(2)	***c*** 24.871(10)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.41 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.543



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1346

LIWDEB07

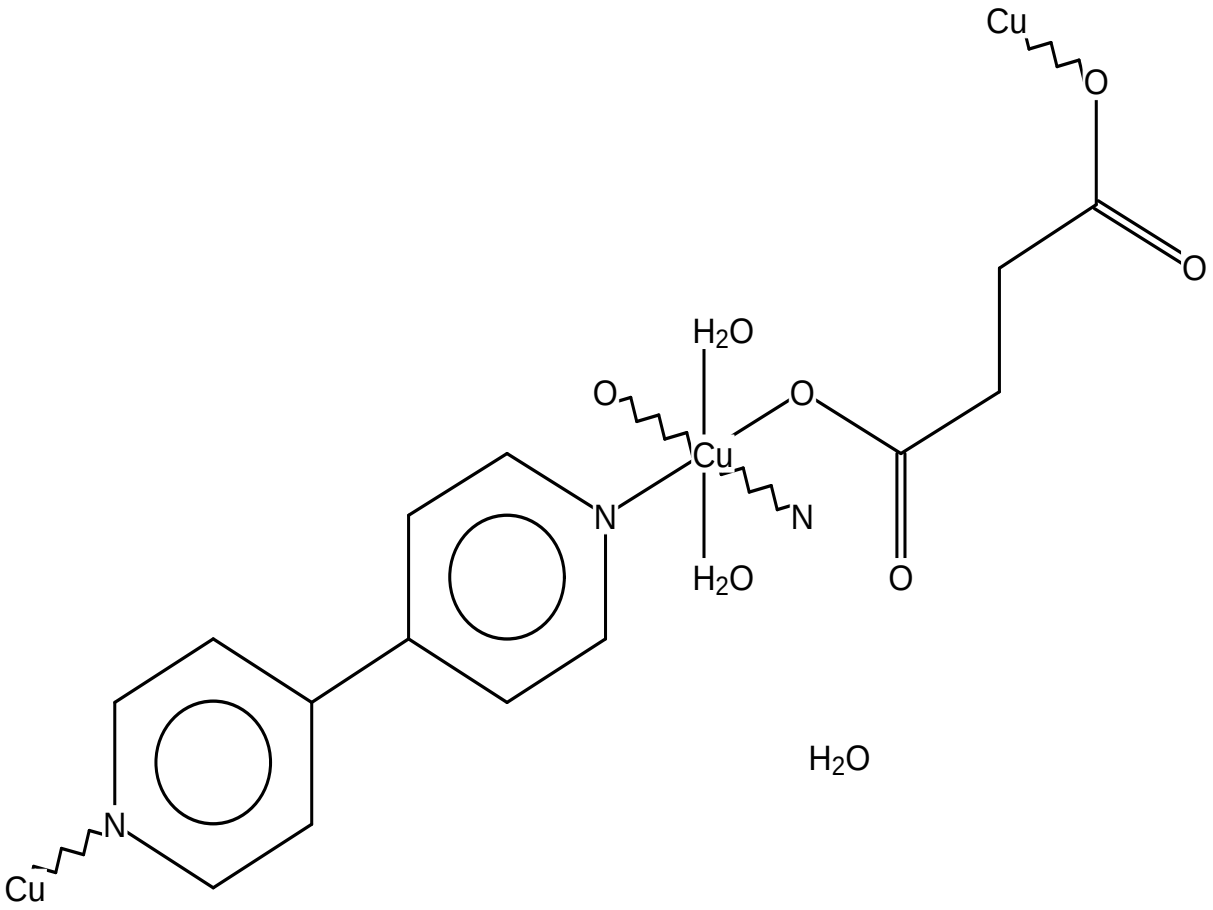
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.081(1)	***b***	11.081(1)	***c*** 25.089(6)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1347

LIWDEB08

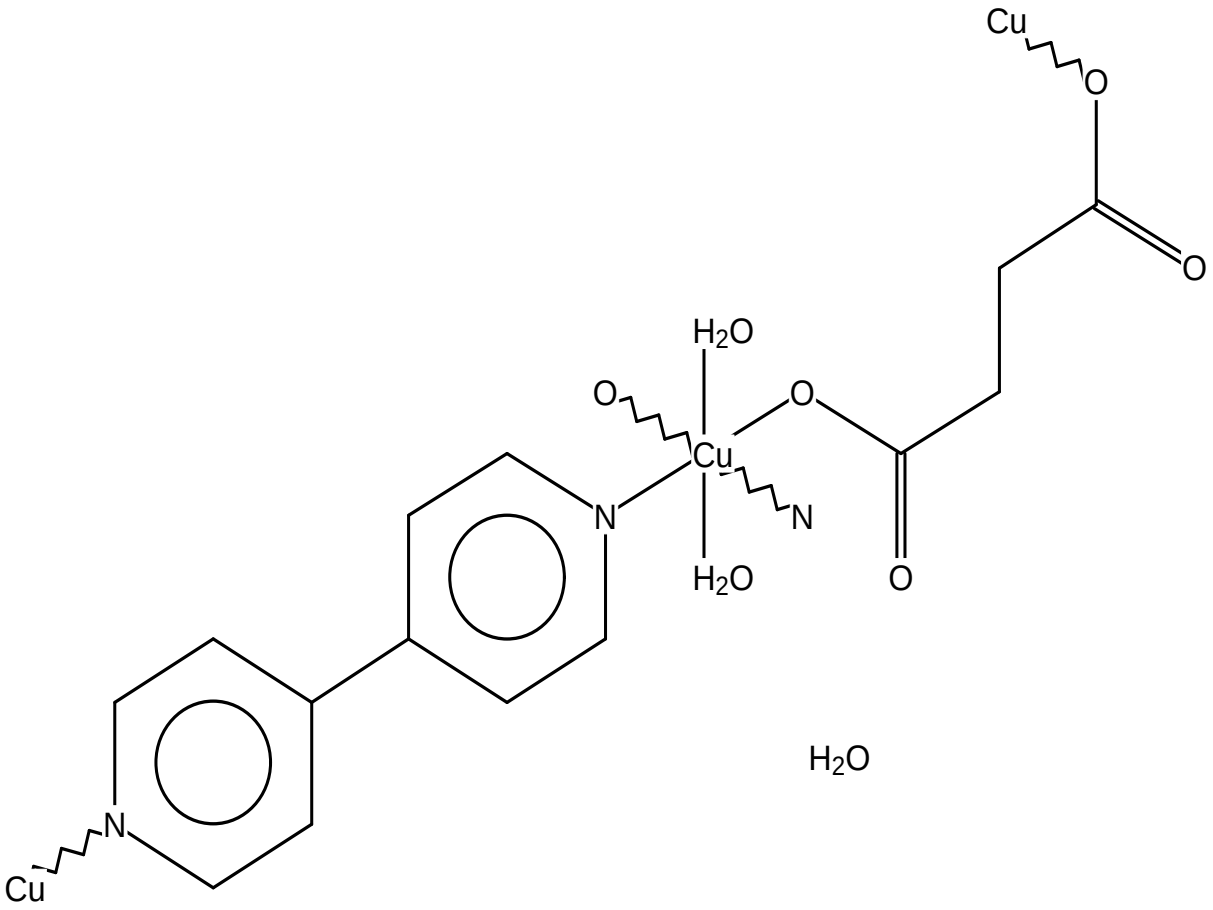
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.076(0)	***b***	11.076(0)	***c***	24.985(4)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.86 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.531



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1348

LIWDEB09

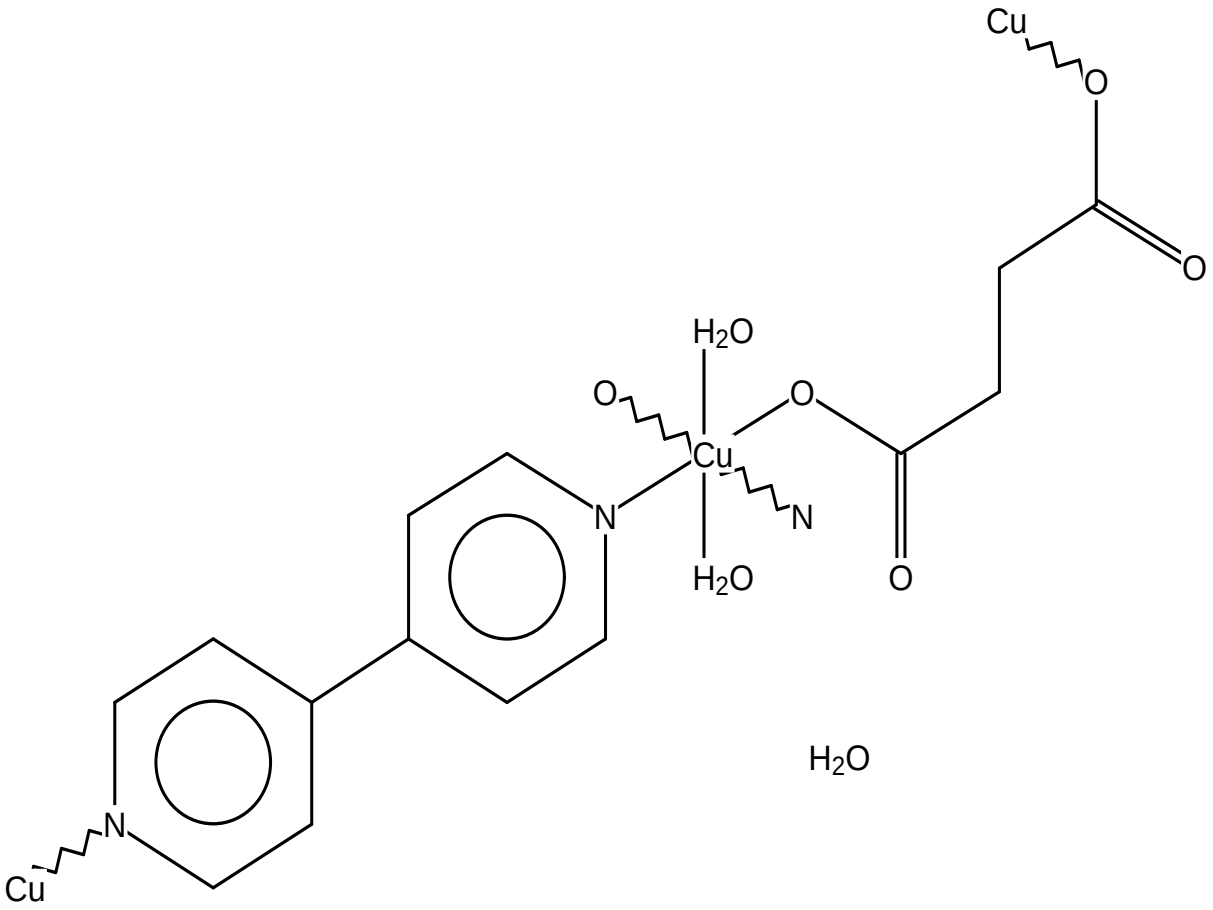
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	10.927(1)	***b***	10.927(1)	***c***	24.503(6)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 5.73 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1349

LIWDEB10

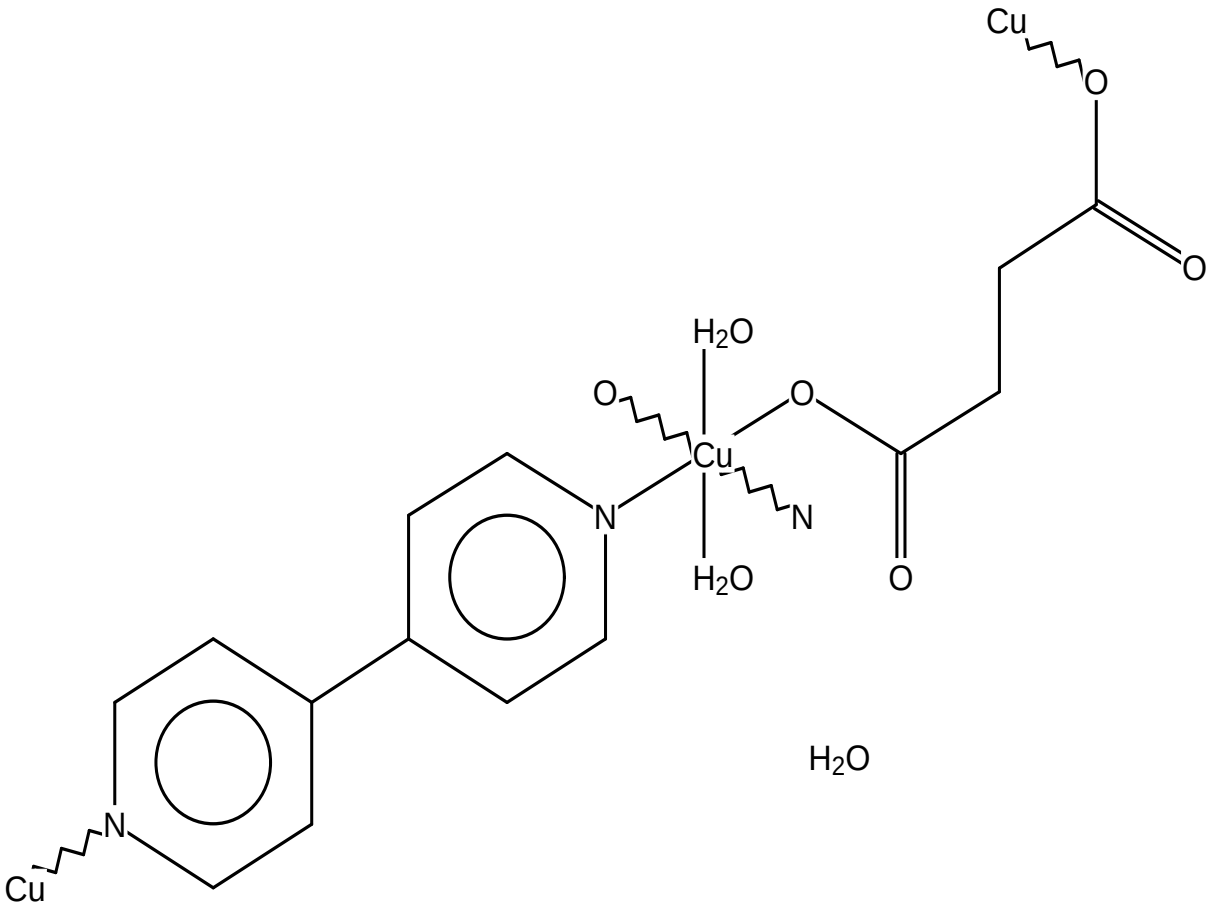
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.025(3)	***b***	11.025(3)	***c*** 24.689(11)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.67 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.564



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1350

LIWDEB11

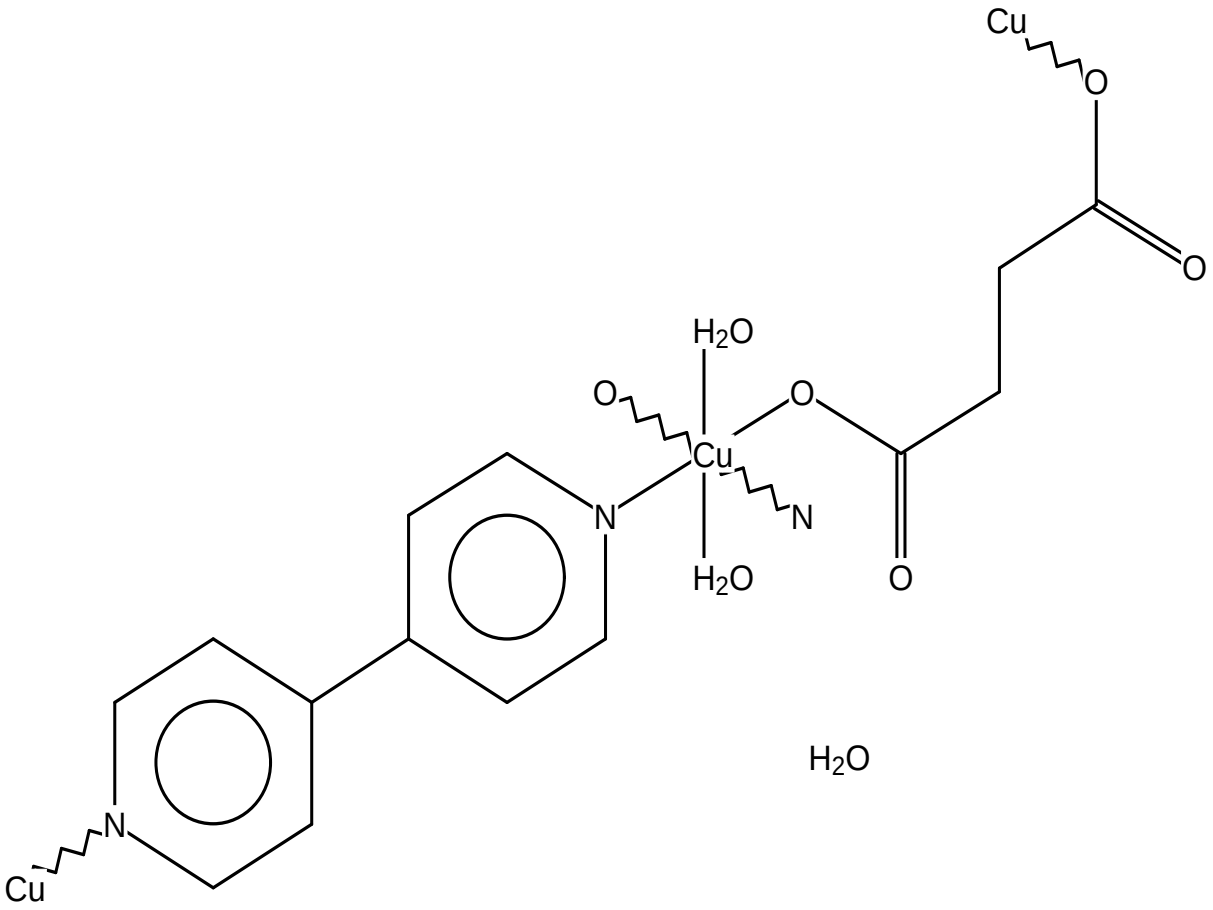
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6522	***Cell:***	***a***	11.089(5)	***b***	11.089(5)	***c*** 24.847(1)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.536



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1351

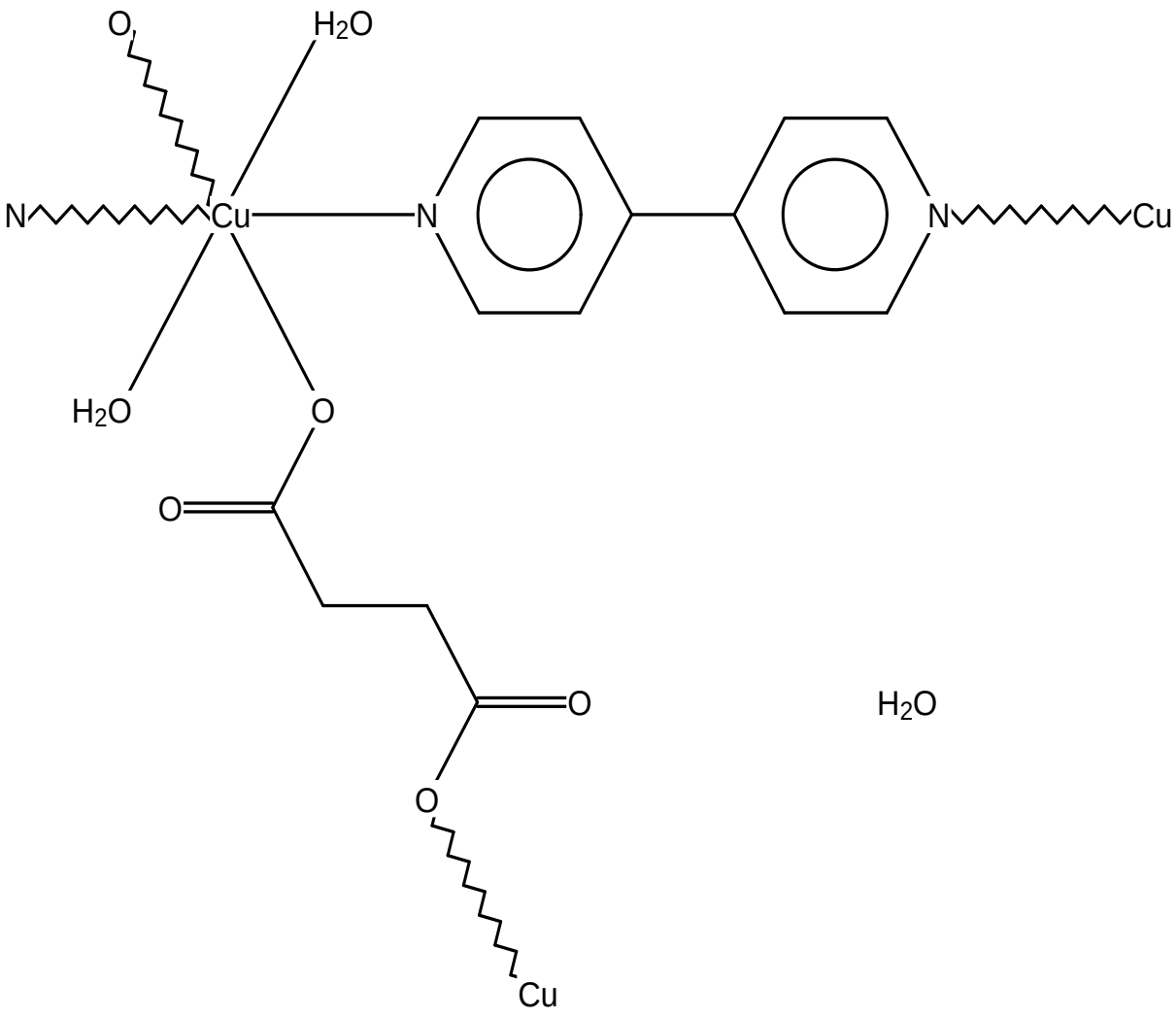
LIWDEB12

Reference: Shao-Ming Ying, Jiang-Gao Mao, Yan-Qiong Sun, Hui-Yi Zeng, Zhen-Chao Dong (2003) *Polyhedron ,***22,**3097

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-succinato-O,O')-diaqua-copper dihydrate)

Space Group:	P65	***Cell:***	***a***	11.095(1)	***b***	11.095(1)	***c*** 24.981(3)
Space Group No.:	170	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	6.18	***Temperature(K):***	293		***Density(g/cm^3):***		1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1352

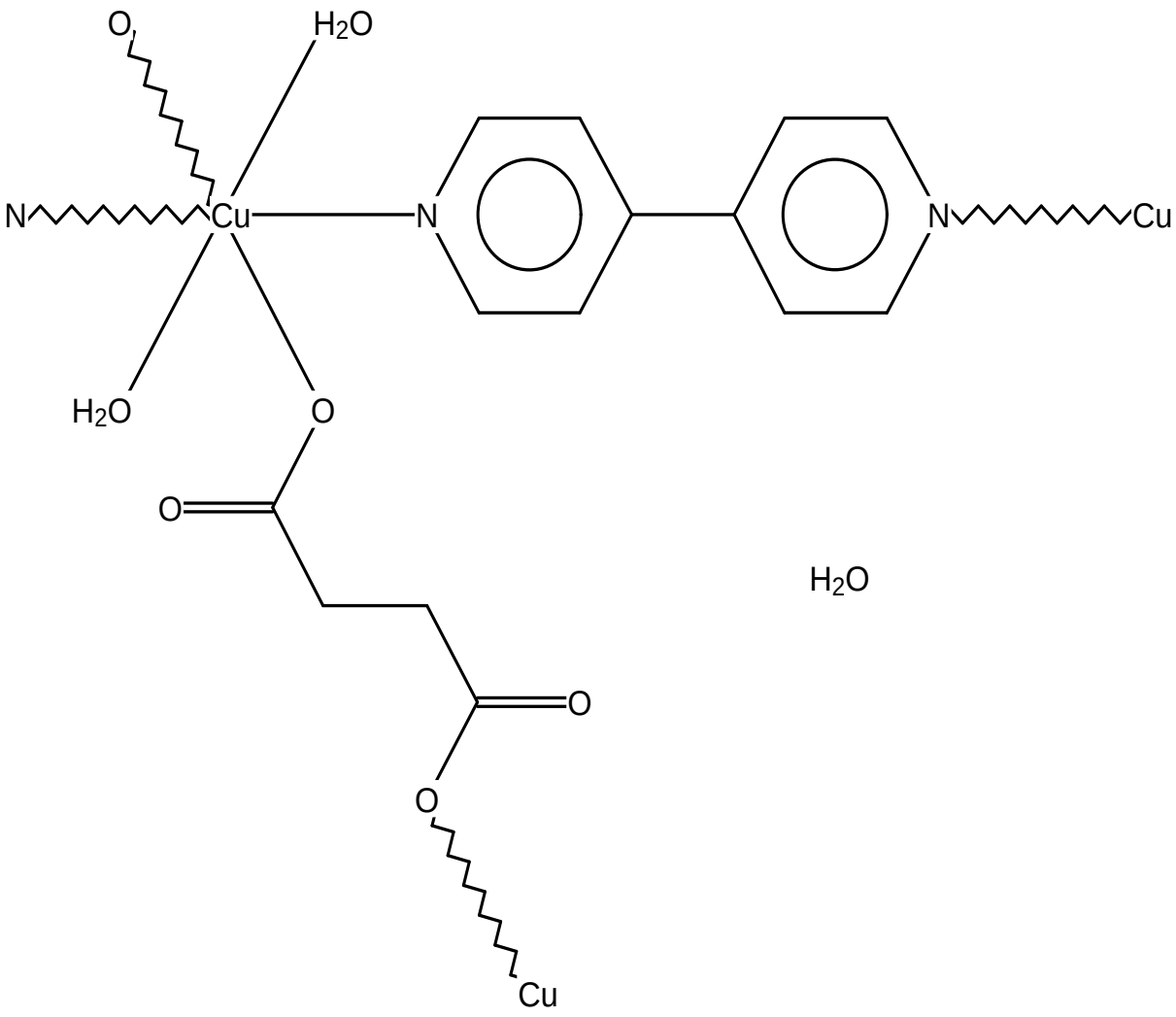
LIWDEB13

Reference: La-Sheng Long, Yan-Rong Wu, Hui Zhang, Ren Yan-Ping, Huang Rong-Bin, Zheng Lan-Sun (2005) *Private Communication ,*

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-succinato-O,O')-diaqua-copper dihydrate)

Space Group:	P6522	***Cell:***	***a***	11.092(0)	***b***	11.092(0)	***c*** 25.021(2)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	8.22	***Temperature(K):***	298		***Density(g/cm^3):***		1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1353

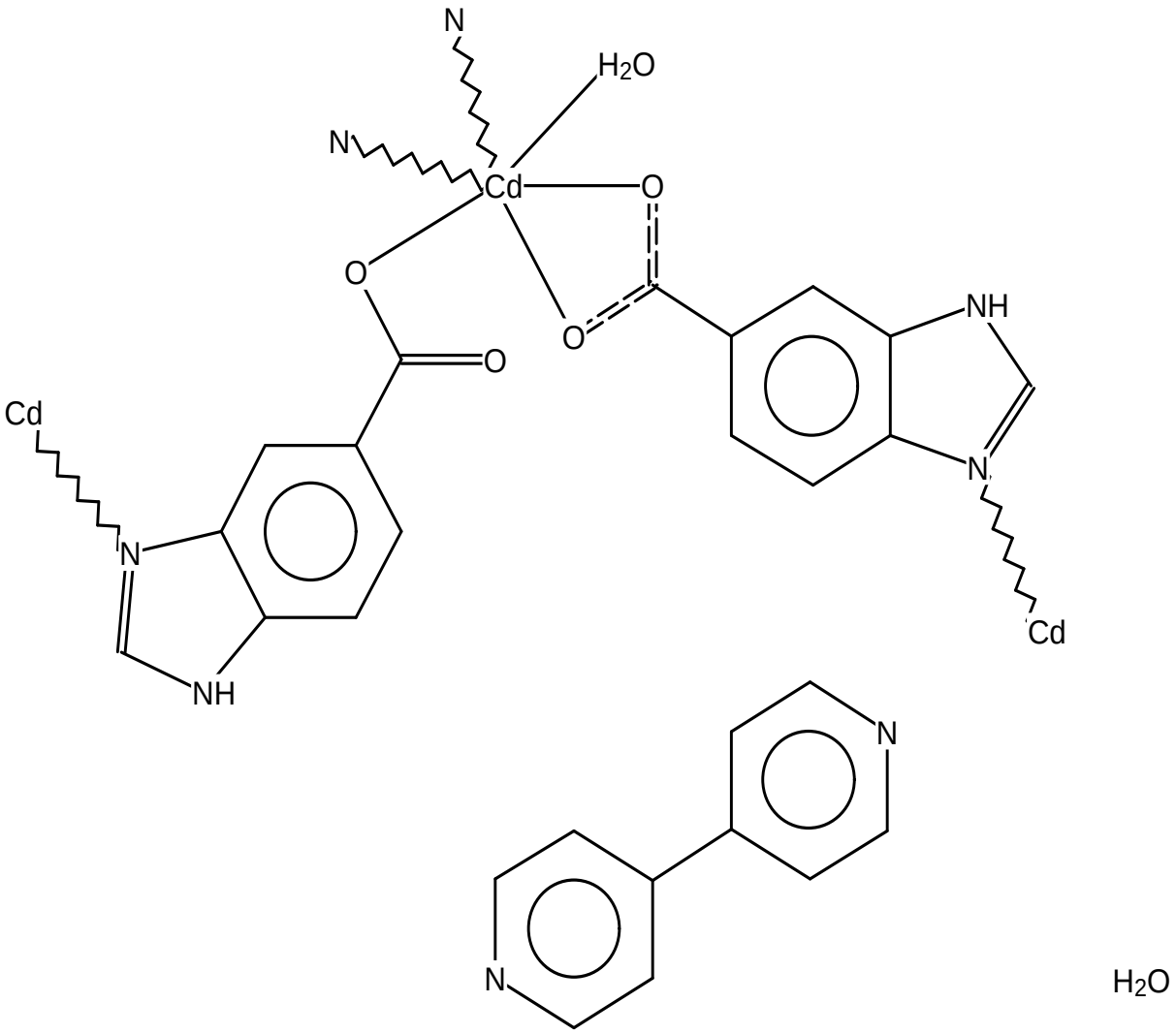
LIWKIM

Reference: Zhengang Guo, Xiaoju Li, Shuiying Gao, Yafeng Li, Rong Cao (2007) *J.Mol.Struct.* ,**846,**123

Formula: $(C_{16}\ H_{12}\ Cd_1\ N_4\ O_5)n,n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-Benzimidazole-1H-6-carboxylato-O,O',N)-(μ_2-1H-benzimidazole-5-carboxylato-O,N)-aqua-cadmium(ii) 4,4'-bipyridine monohydrate clathrate)

Space Group:	P-1	***Cell:***	***a***	9.022(0)	***b***	9.982	***c*** 15.539(0)
Space Group No.:	2	***(Å,°)***	α	104.41(0)	β	100.32	γ 103.77(0)
R-Factor (%):	4.63	***Temperature(K):***	298		***Density(g/cm^3):***		1.635



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1354

LIWLEJ

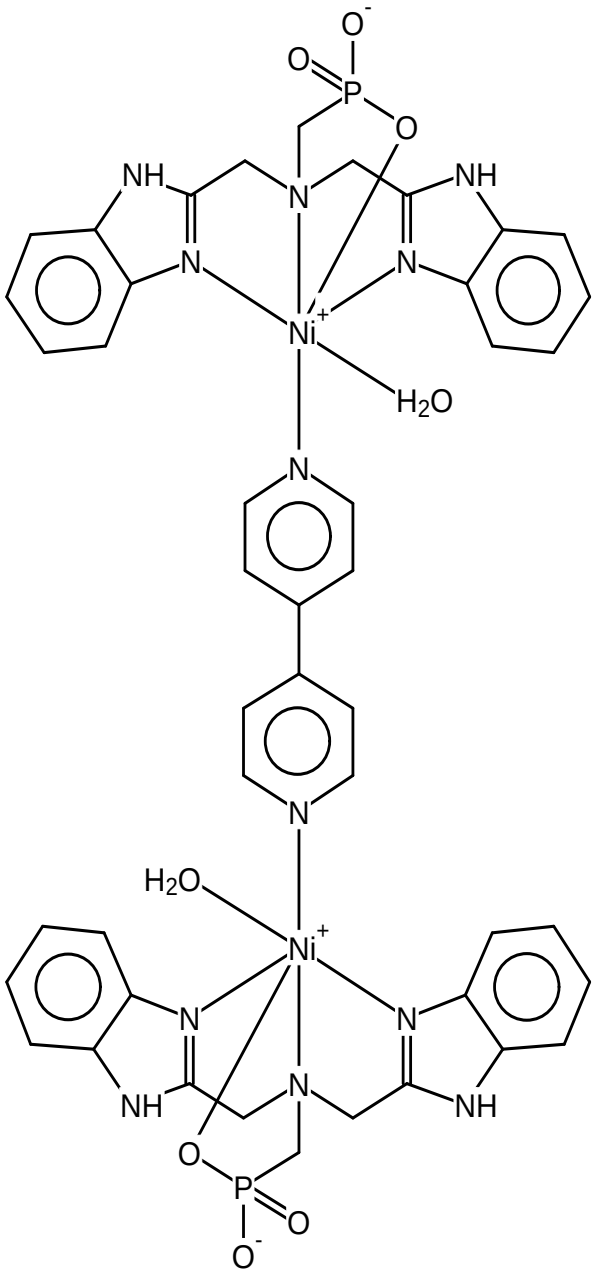
Reference: Deng-Ke Cao, Jing Xiao, Yi-Zhi Li, Li-Min Zheng (2007)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**23,**1947

Formula: $C_{44}\ H_{44}\ N_{12}\ Ni_2\ O_8\ P_2$,2($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(bis(benzimidazol-2-ylmethyl) iminomethylenephosphonato-N,N',N'',O)-di-nickel(ii) dihydrate

Space Group:	P21/c	***Cell:***	***a***	6.924(0)	***b***	28.988(4)	***c***	11.348(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.61(0)	γ	90.00

R-Factor (%): 5.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.599



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1355

LIWMIO

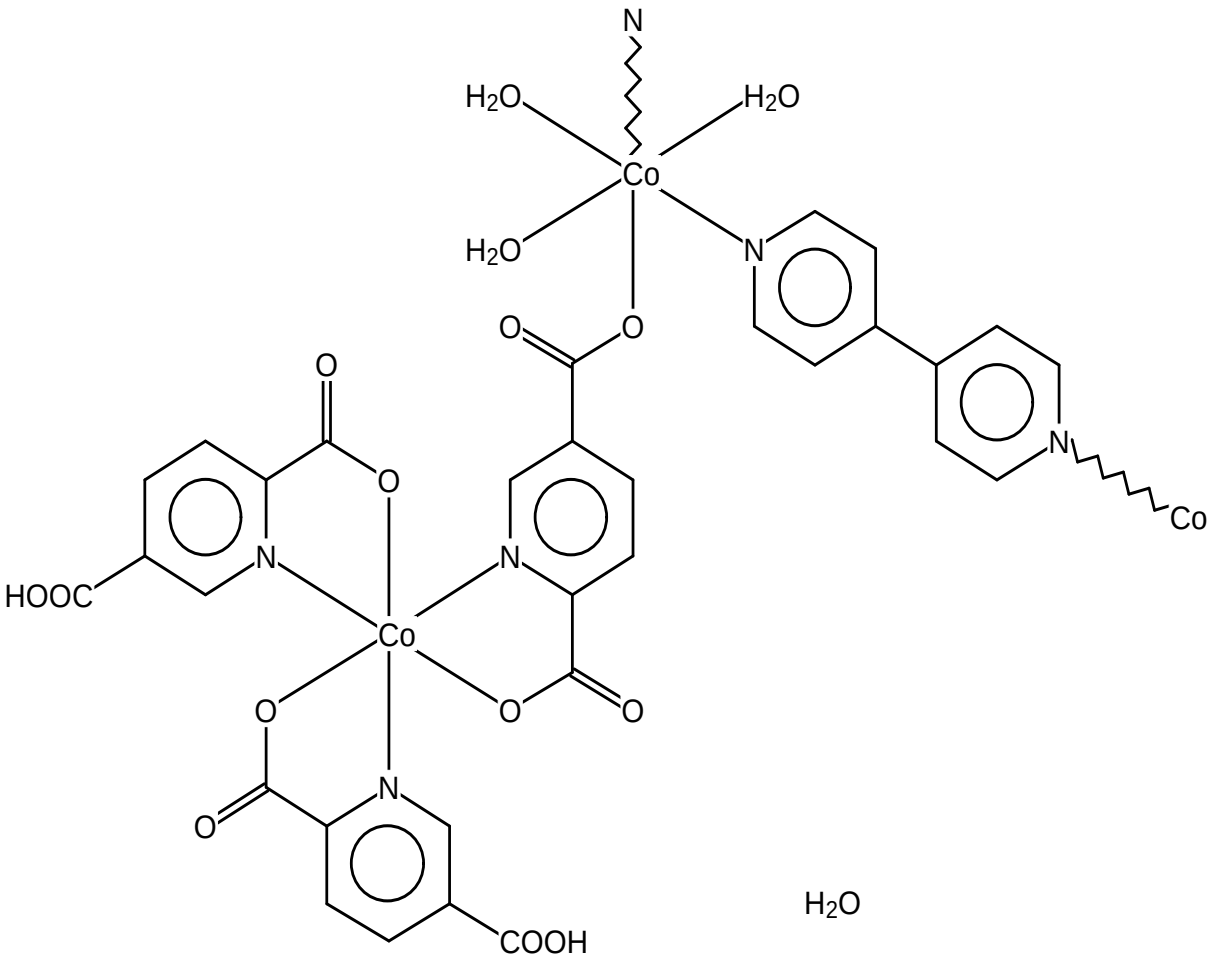
Reference: Shu-Ting Chuang, Fwu-Ming Shen, Ting-Shen Kuo, Kom-Bei Shiu (2007) *J.Chin.Chem.Soc.(Taipei)* ,**54,**893

Formula: $(C_{31}\ H_{25}\ Co_2\ N_5\ O_{15})n,6n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-pyridine-2,5-dicarboxylato-N,O,O')-triaqua-bis(hydrogen pyridine-2,5-dicarboxylato-N,O)-di-cobalt(ii) hexahydrate)

Space Group:	P21/n	***Cell:***	***a***	12.750(0)	***b*** 23.756(0)	***c***	13.843(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 117.05(0)	γ	90.00

R-Factor (%): 8.46 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.661



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1356

LIXDIG

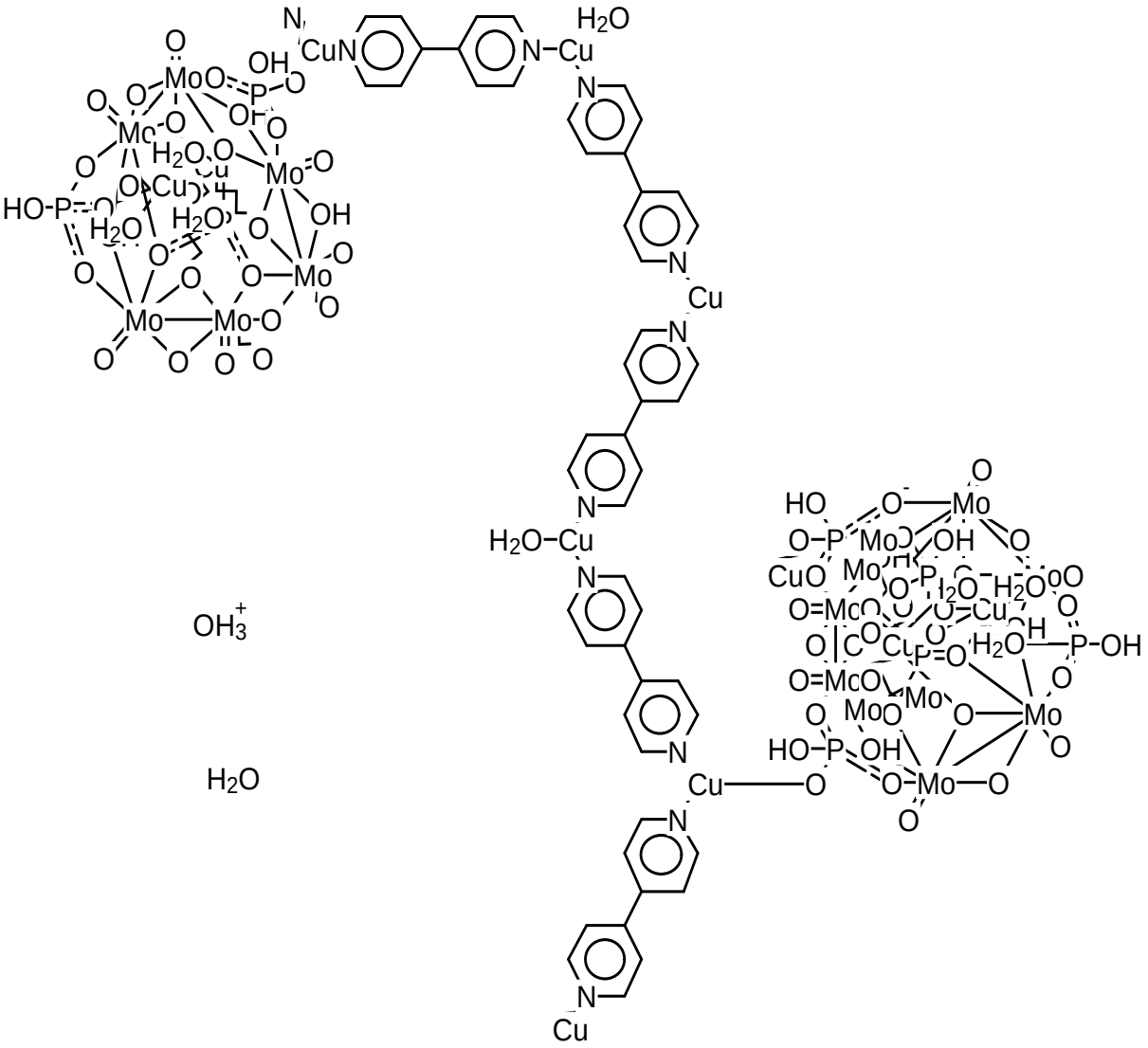
Reference: Jia Liu, Enbo Wang, Xinlong Wang, Dongrong Xiao, Linlin Fan (2008) *J.Mol.Struct.* ,**876,**206

Formula: $(C_{50}\ H_{68}\ Cu_8\ Mo_{12}\ N_{10}\ O_{70}\ P_8\ ^{1-})n,n(H_3\ O_1\ ^{1+}),2n(H_2\ O_1)$

Compound Name: catena-(Hydroxonium bis(μ_7-phosphato)-hexakis(μ_3-hydrogen phosphato)-hexakis(μ_3-oxo)-pentakis(μ_2-4,4'-bipyridine)-hexakis((μ_2-hydroxo)-(μ_2-oxo))-octa-aqua-dodecaoxo-tri-copper(ii)-penta-copper(i)-dodeca-molybdenum(v) dihydrate)

Space Group:	P-1	***Cell:***	***a***	12.714(3)	***b***	14.882(3)	***c*** 15.369(3)
Space Group No.:	2	***(Å,°)***	α	72.74(3)	β	72.12(3)	γ 65.62(3)

R-Factor (%): 4.03 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.614



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1357

LIYLOU

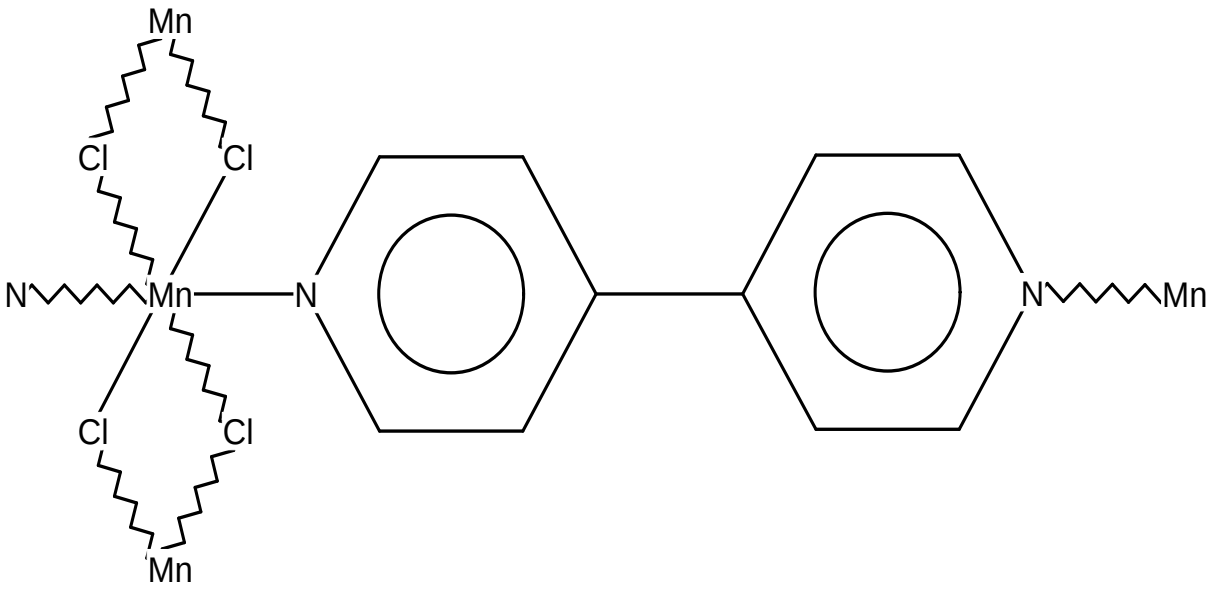
Reference: A.M.Chippindale, A.R.Cowley, K.J.Peacock (2000)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***56,**651

Formula: $(C_{10}\ H_8\ Cl_2\ Mn_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-chloro)-manganese(ii))

Space Group:	Pban	***Cell:***	***a***	11.641(2)	***b***	11.955(2)	***c*** 3.678(1)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.30 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.830



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1358

LIZFIK

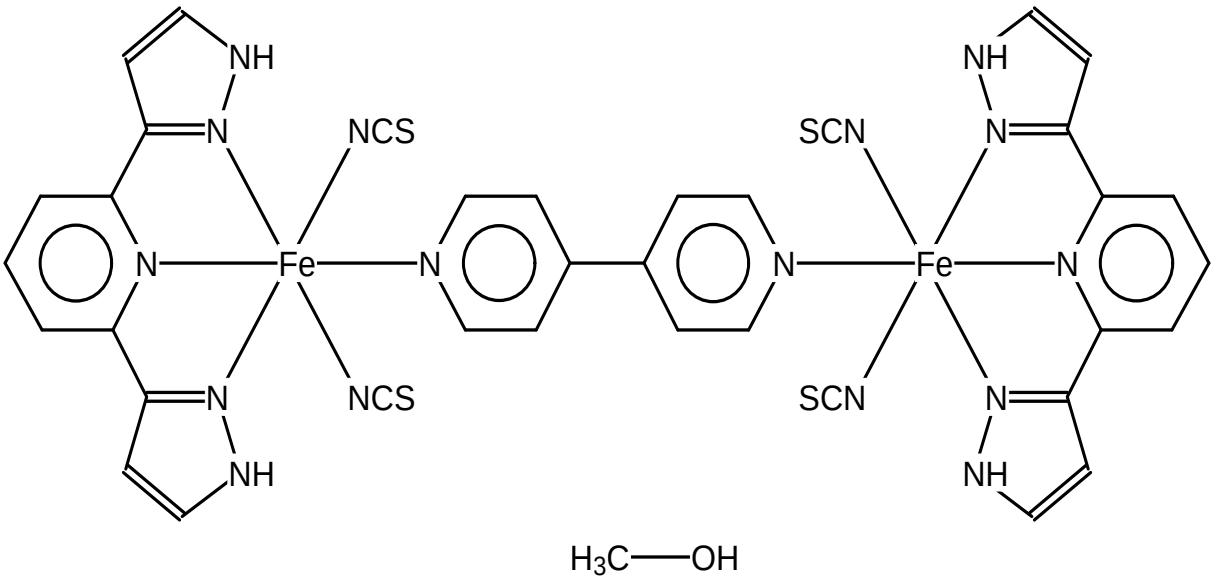
Reference: D.Fedaoui, Y.Bouhadja, A.Kaiba, P.Guionneau, J.-F.Letard, P.Rosa (2008) *Eur.J.Inorg.Chem.* ,1022

Formula: $C_{36}\ H_{26}\ Fe_2\ N_{16}\ S_4,2(C_1\ H_4\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(2,6-bis(1H-pyrazol-3-yl)pyridyl)-tetrakis(isothiocyanato)-di-iron(ii) methanol solvate

Space Group:	P21/n	***Cell:***	***a*** 15.683(2)	***b*** 8.160(1)	***c*** 18.597(3)
Space Group No.:	14	***(Å,°)***	α 90.00	β 110.14(0)	γ 90.00

R-Factor (%): 3.48 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.467



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1359

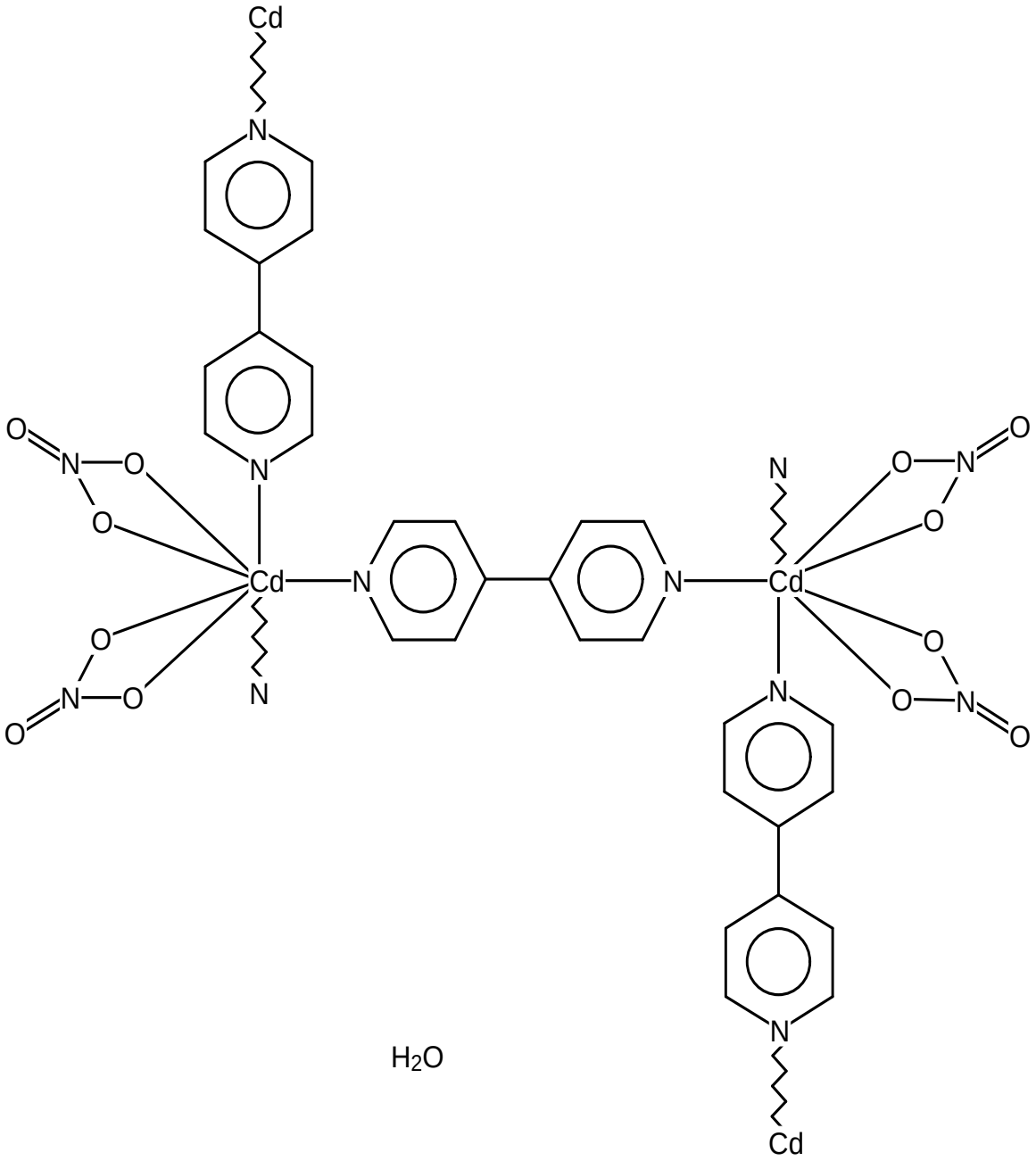
LOCCIP

Reference: J.T.Sampanthar, J.J.Vittal (1999) *Crystal Engineering* ,**2,** 251

Formula: $(C_{30}\ H_{24}\ Cd_2\ N_{10}\ O_{12})n,6n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato)-di-cadmium hexahydrate)

Space Group:	Ccca	***Cell:***	***a***	12.182(0)	***b***	20.041(0)	***c***	17.746(0)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	6.61	***Temperature(K):***	295		***Density(g/cm^3):***	1.609		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1360

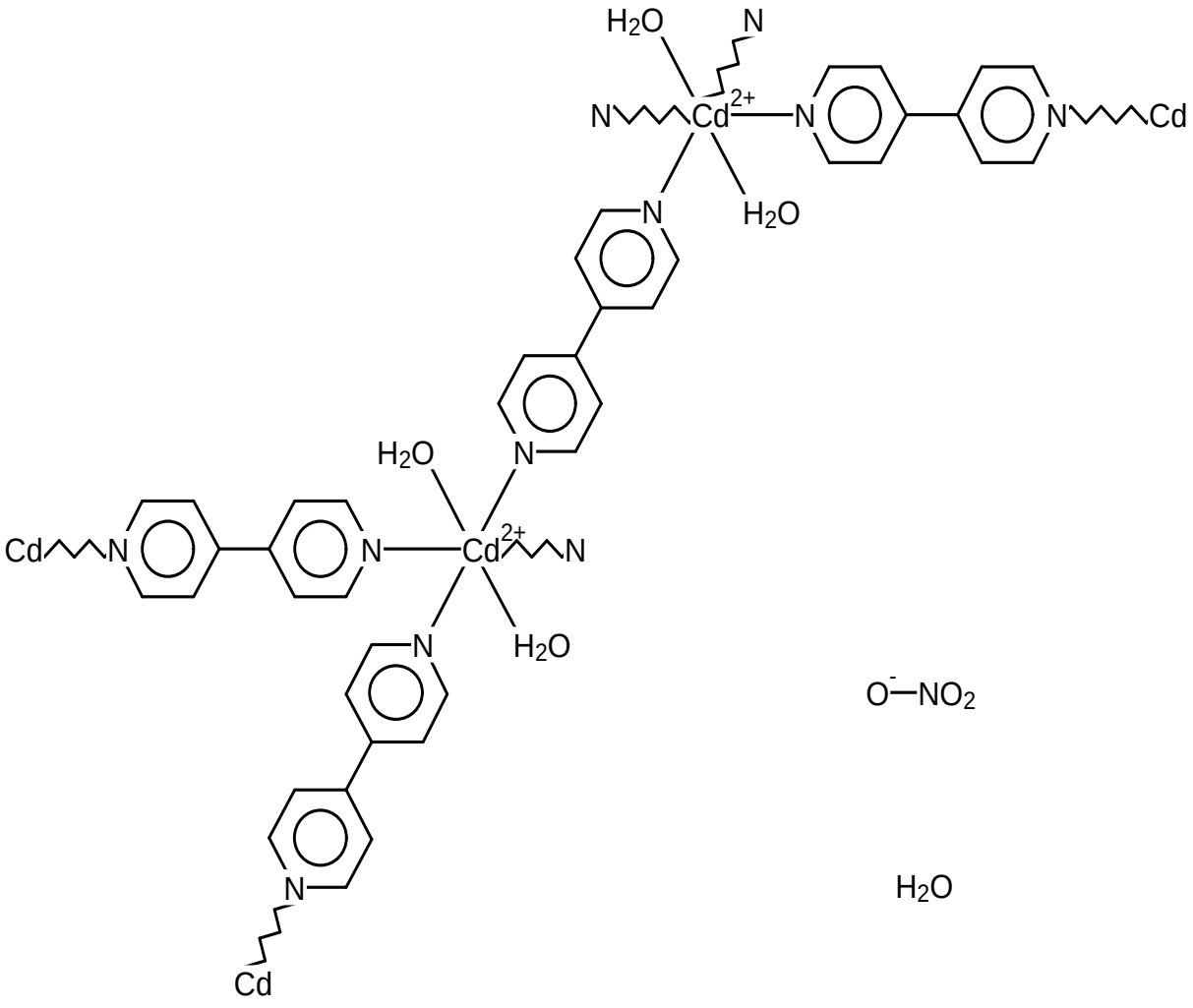
LOCCOV

Reference: J.T.Sampanthar, J.J.Vittal (1999) *Crystal Engineering* ,**2,** 251

Formula: $(C_{40}\ H_{40}\ Cd_2\ N_8\ O_4\ ^{4+})n,4n(N_1\ O_3\ ^{1-}),8n(H_2\ O_1)$

Compound Name: catena-(bis(bis(μ_2-4,4'-Bipyridyl)-diaqua-cadmium) tetranitrate octahydrate)

Space Group:	C2/c	***Cell:***	***a***	19.034(0)	***b***	11.810(0)	***c*** 12.172(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.71(0)	γ 90.00
R-Factor (%):	2.95	***Temperature(K):***	295		***Density(g/cm^3):***		1.606



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1361

LOCCOV01

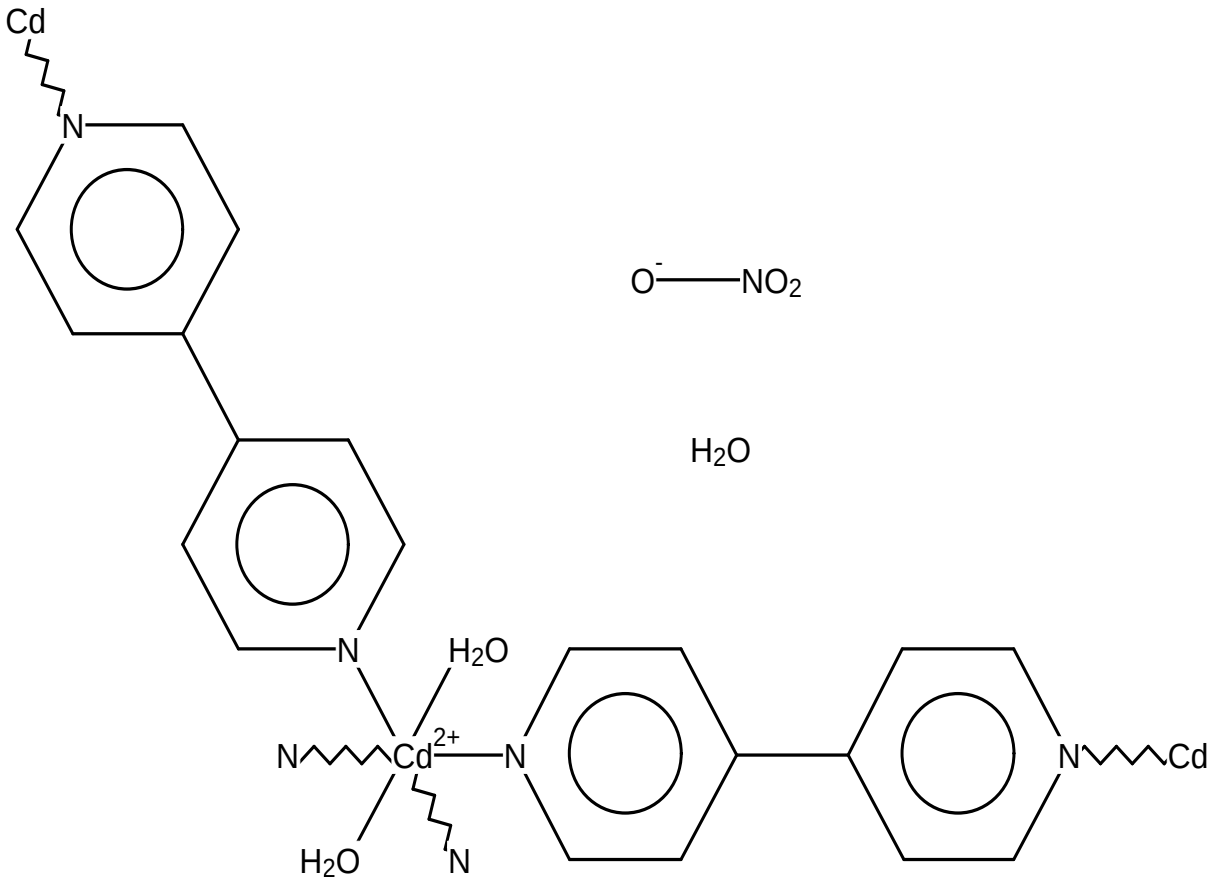
Reference: Ming-Liang Tong, Shao-Liang Zheng, Xiao-Ming Chen (2000) *Polyhedron* ,**19,**1809

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-diaqua-cadmium(ii) dinitrate tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	18.931(13)	***b***	11.688(5)	***c***	12.101(10)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.65	γ	90.00

R-Factor (%): 3.35 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.641



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1362

LOCCOV02

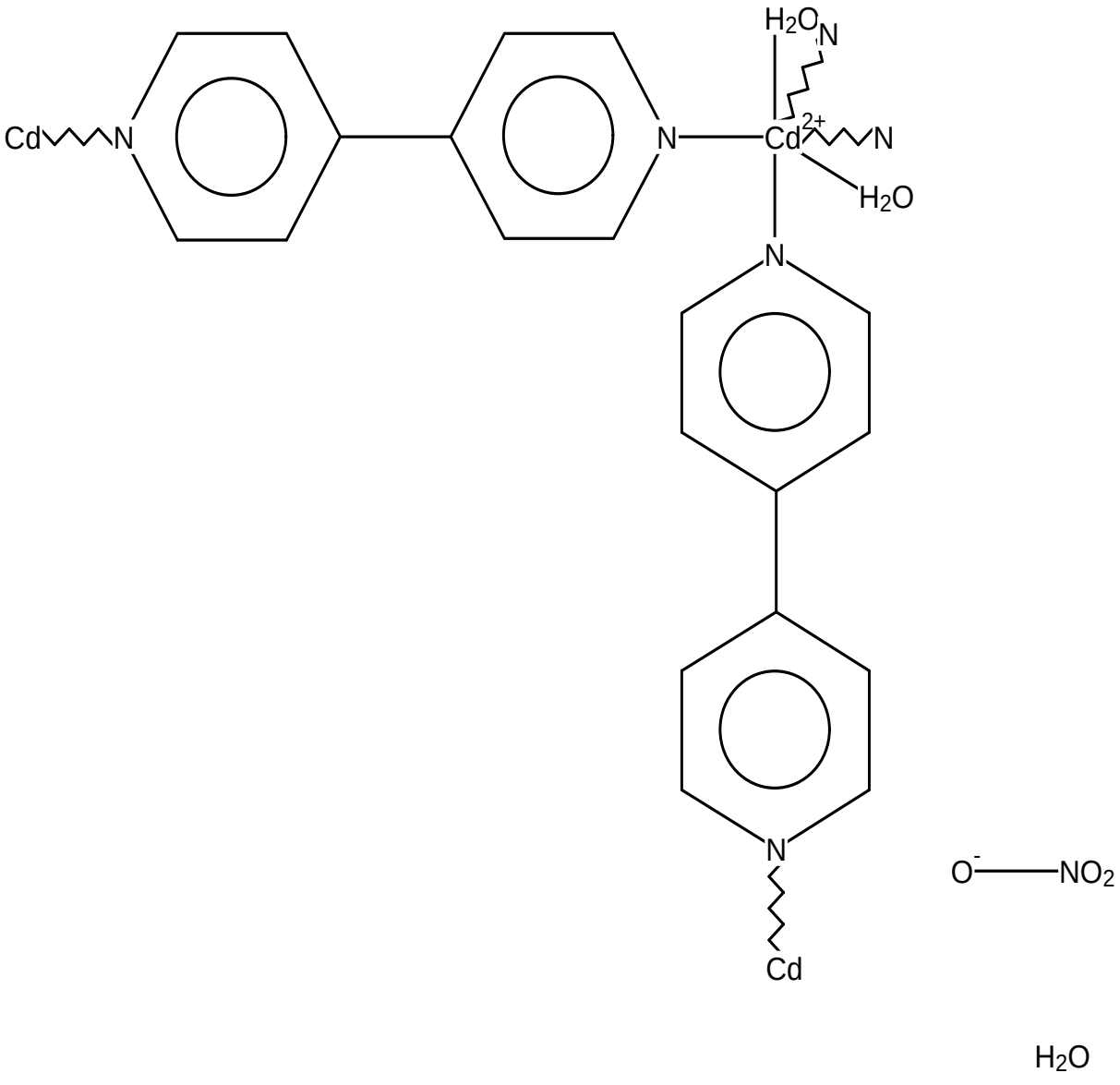
Reference: M.Aoyagi, K.Biradha, M.Fujita (2000) *Bull.Chem.Soc.Jpn.* , **73,**1369

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-diaqua-cadmium(ii) dinitrate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	18.902(1)	***b***	11.795(0)	***c***	12.155(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.44(0)	γ	90.00

R-Factor (%): 1.76 ***Temperature(K):*** 167 ***Density(g/cm^3):*** 1.624



Search: search1 (Thu May 26 10:05:42 2011): Hit 1363

LOCCOV03

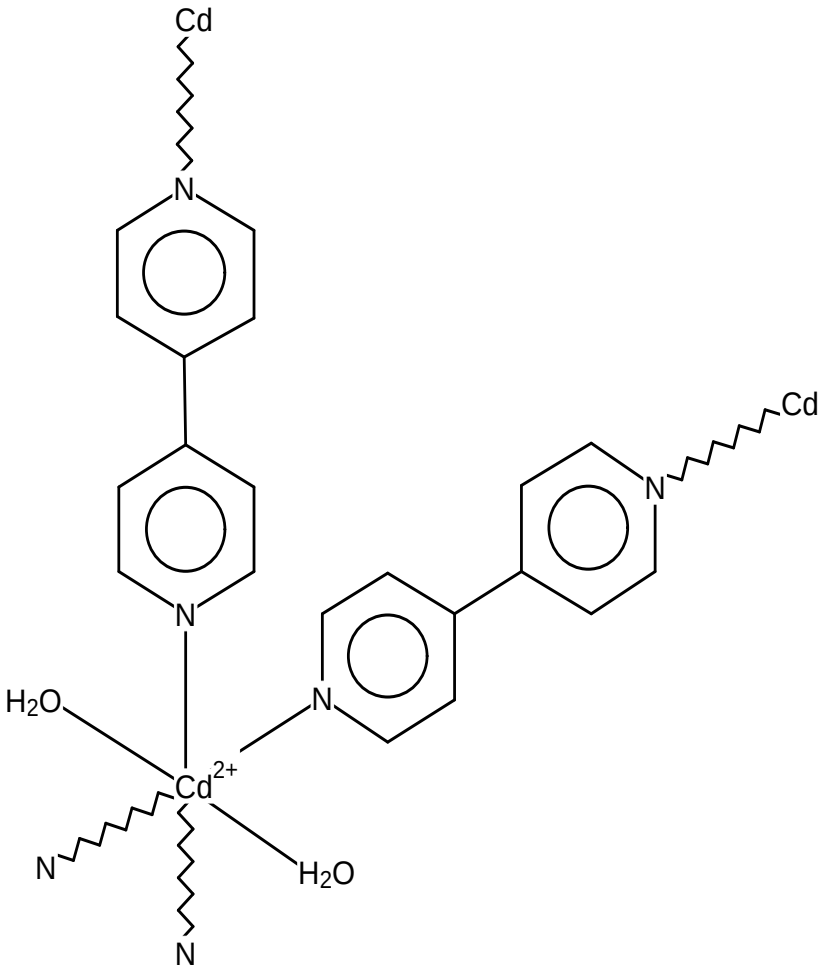
Reference: Xianjin Cui, A.N.Khlobystov, Xinyong Chen, D.H.Marsh, A.J.Blake, W.Lewis, N.R.Champness, C.J.Roberts, M.Schroder (2009) *Chem.-Eur.J. ,***15,**8861

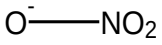
Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine)-diaqua-cadmium(ii) dinitrate tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	18.882(1)	***b***	11.788(0)	***c*** 12.145(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.49(0)	γ 90.00

R-Factor (%): 1.99 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.628







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1364

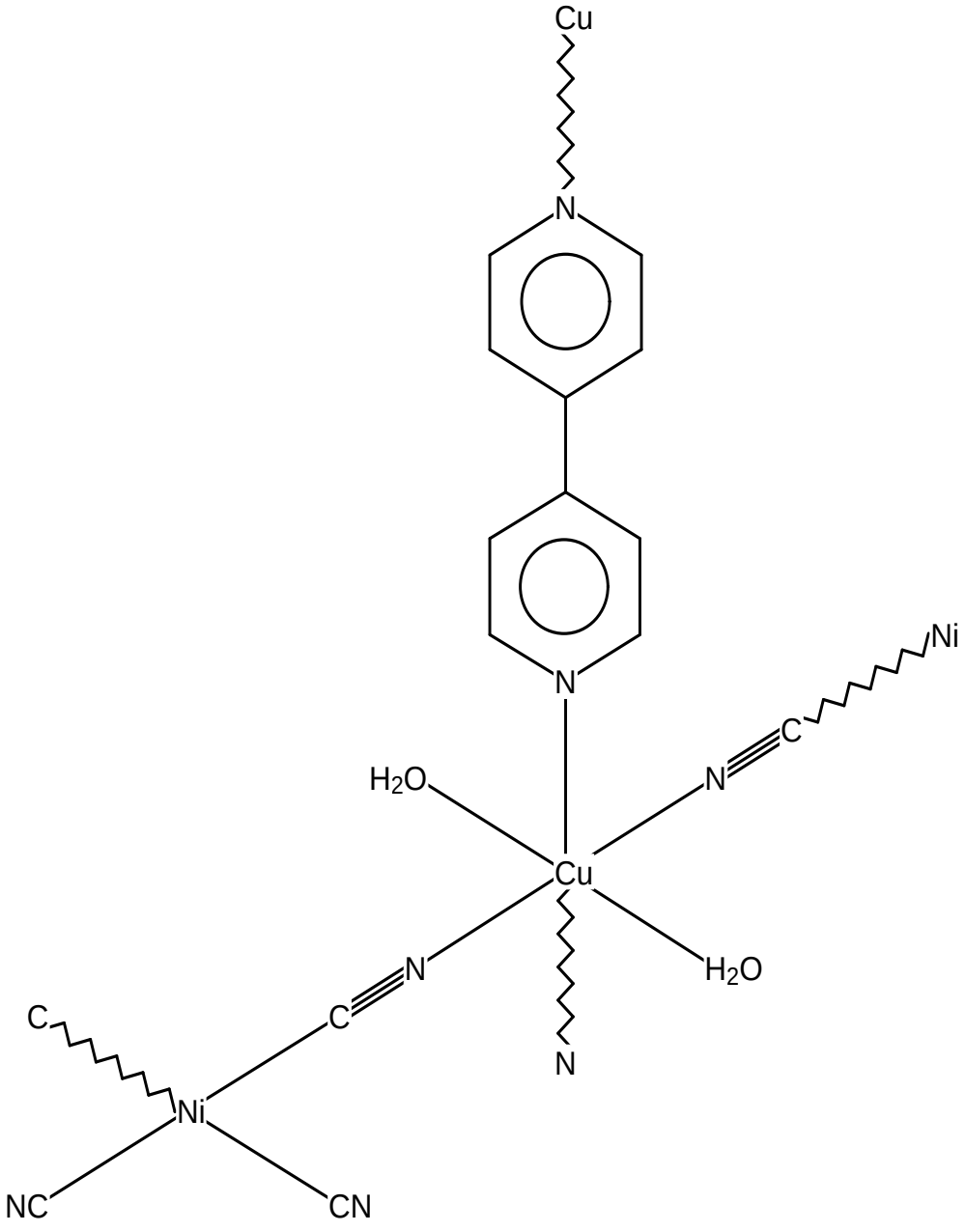
LOCFUF

Reference: O.Sereda, H.Stoeckli-Evans (2008)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**64,**m221

Formula: $(C_{14}\ H_{12}\ Cu_1\ N_6\ Ni_1\ O_2)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-κ^2N:N')-bis(μ_2-cyanido-κ^2C:N)-diaqua-bis(cyanido-κC)-copper(ii)-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	15.158(2)	***b*** 14.811(1)	***c***	7.451(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.89(1)	γ	90.00
R-Factor (%):	2.06	***Temperature(K):***	173		***Density(g/cm^3):***	1.791	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1365

LODZIO

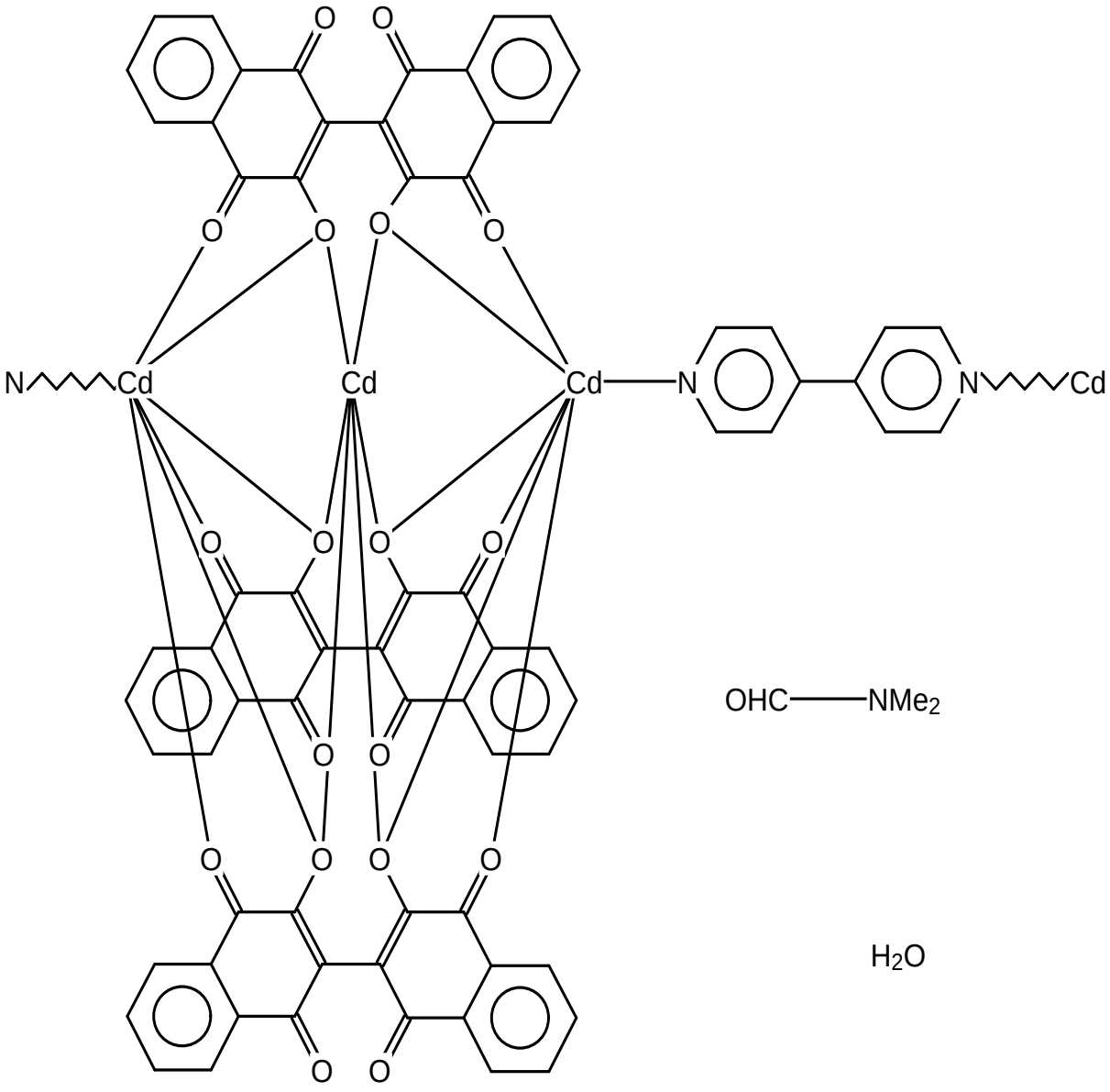
Reference: Lei Han, Yan Zhou, Wen-Na Zhao (2008)
Cryst.Growth Des. ,**8,**2052

Formula: $(C_{70}\ H_{32}\ Cd_3\ N_2\ O_{18})n,n(C_3\ H_7\ N_1\ O_1),3n(H_2\ O_1)$

Compound Name: catena-(tris(μ_3-2,2'-bis(3-Oxy-1,4-naphthoquinone))-(μ_2-4,4'-bipyridine)
-tri-cadmium(ii) dimethylformamide solvate trihydrate)

Space Group:	P-1	***Cell:***	***a***	12.640(0)	***b***	14.744(0)	***c***	18.491(0)
Space Group No.:	2	***(Å,°)***	α	86.60(0)	β	82.28(0)	γ	82.24(0)

R-Factor (%): 5.80 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.624



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1366

LOFVUY

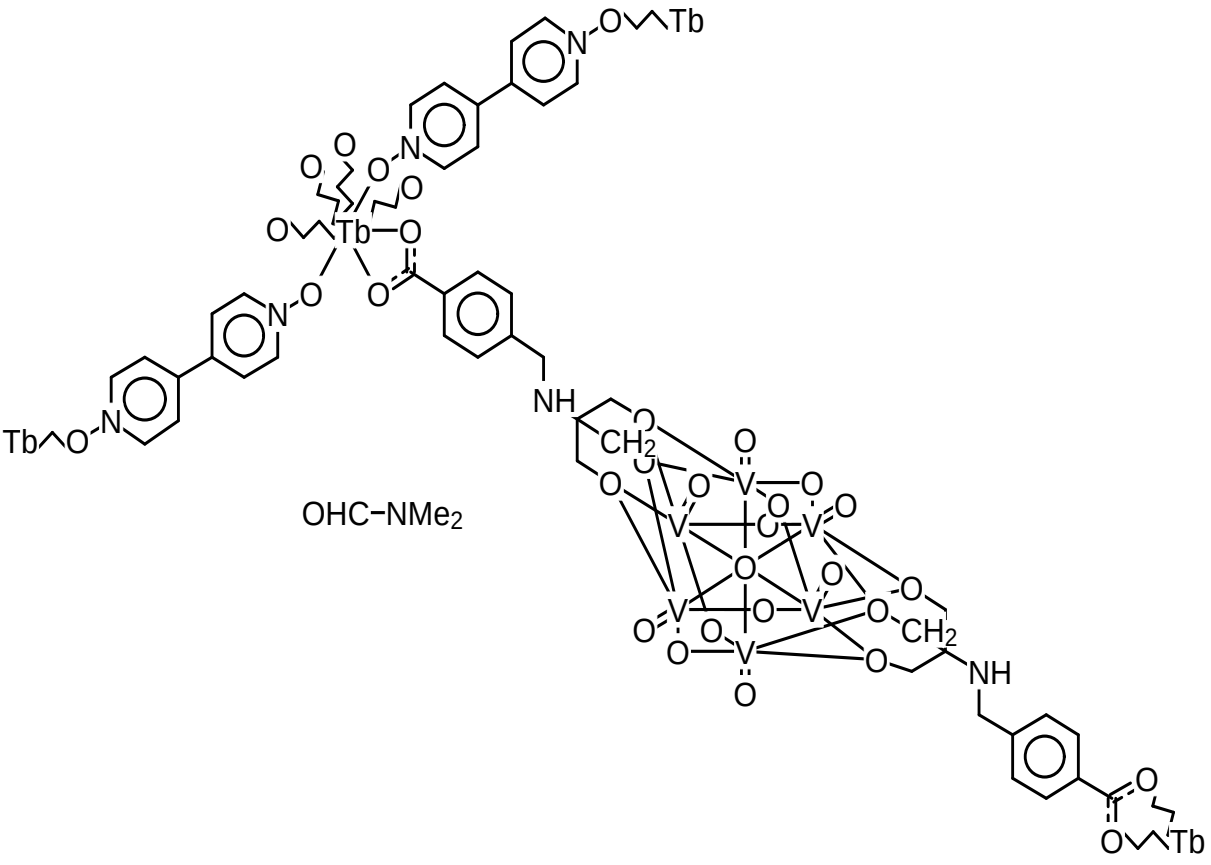
Reference: Jong Woo Han, C.L.Hill (2007) *J.Am.Chem.Soc.* ,**129,** 15094

Formula: $(C_{44}\ H_{42}\ N_6\ O_{27}\ Tb_1\ V_6)n,0.5n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_6-Oxo)-bis(μ_4-4-((tris(oxymethyl)methylamino)methyl) benzoato)-bis(μ_2-4,4'-bipyridine N,N'-dioxide)-hexakis(μ_2-oxo)-hexaoxo-terbium-hexa-vanadium dimethylformamide solvate)

Space Group:	P21/c	***Cell:***	***a*** 13.102(4)	***b*** 26.279(9)	***c*** 26.104(6)
Space Group No.:	14	***(Å,°)***	α 90.00	β 93.92(0)	γ 90.00

R-Factor (%): 8.79 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.176



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1367

LOFVUY01

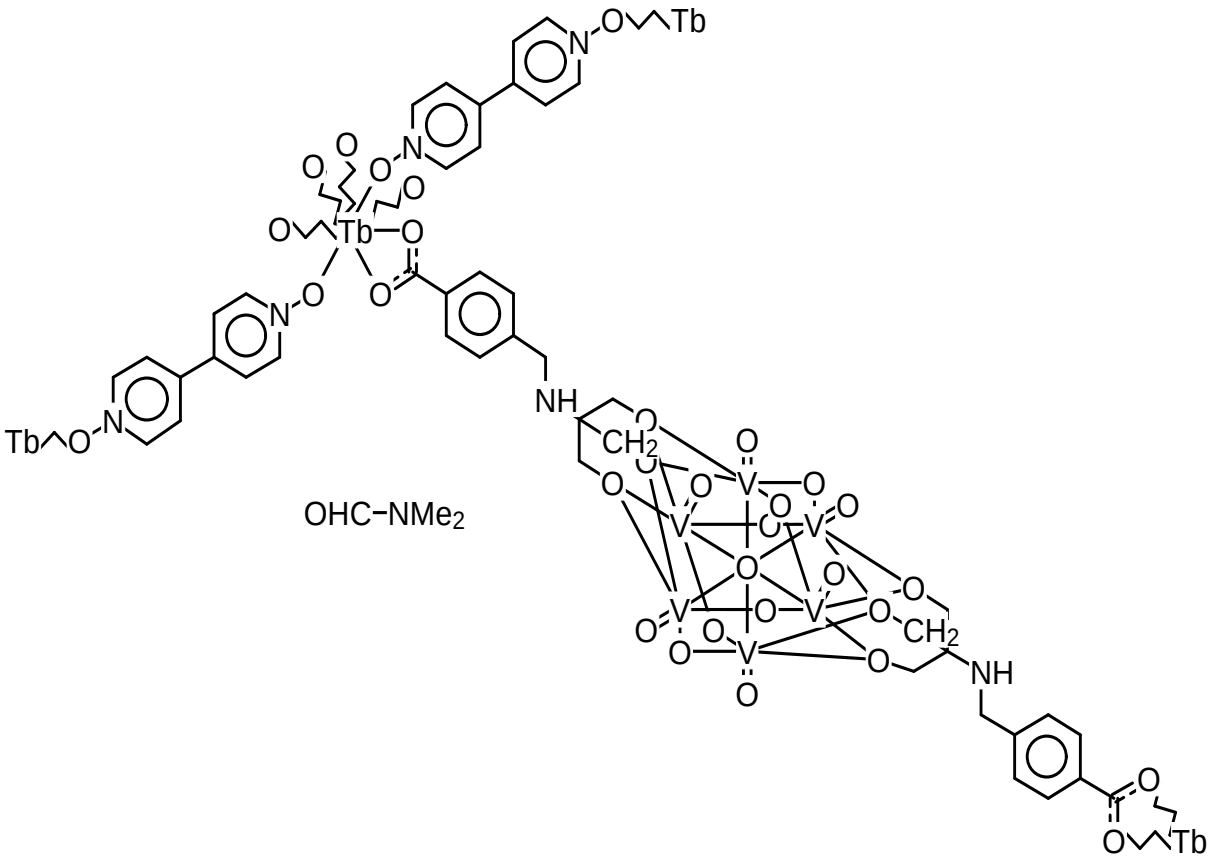
Reference: Jong Woo Han, C.L.Hill (2007) *J.Am.Chem.Soc.* ,**129,** 15094

Formula: $(C_{44}\ H_{42}\ N_6\ O_{27}\ Tb_1\ V_6)n,0.5n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_6-Oxo)-bis(μ_4-4-((tris(oxymethyl)methylamino)methyl) benzoato)-bis(μ_2-4,4'-bipyridine N,N'-dioxide)-hexakis(μ_2-oxo)-hexaoxo-terbium-hexa-vanadium dimethylformamide solvate)

Space Group:	P21/c	***Cell:***	***a***	13.102(4)	***b***	26.279(9)	***c***	26.104(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.92(0)	γ	90.00

R-Factor (%): 13.18 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.176



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1368

LOJFUL

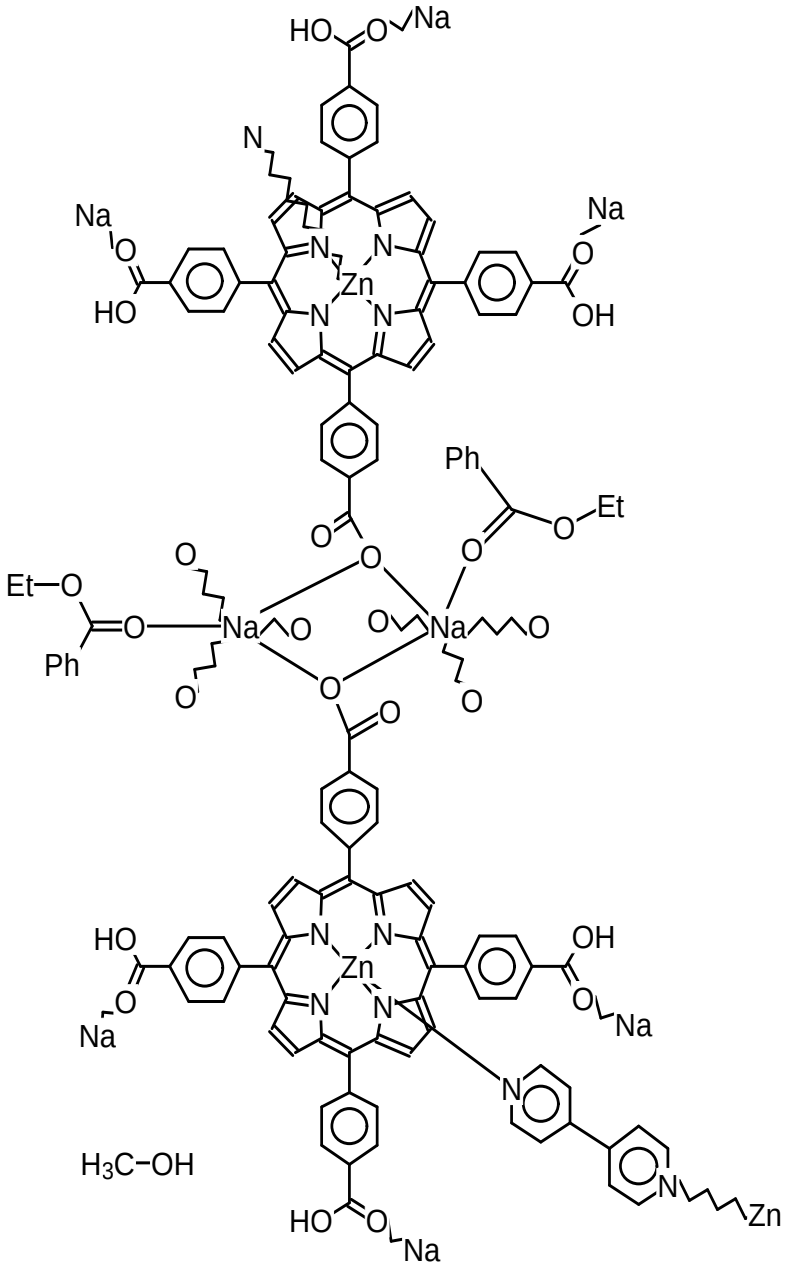
Reference: Y.Diskin-Posner, S.Dahal, I.Goldberg (2000)
*Angew.Chem.,Int.Ed. ,***39,**1288

Formula: $(C_{124}\ H_{82}\ N_{10}\ Na_2\ O_{20}\ Zn_2)n,32n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_6-5,10,15,20-tetrakis(4-Carboxyphenyl)porphyrinato)-(μ_2-4,4'-bipyridyl)-(ethyl benzoato)-sodium-zinc(ii) methanol clathrate)

Space Group:	P-1	***Cell:***	***a***	16.315(0)	***b***	17.405(0)	***c***	18.410(0)
Space Group No.:	2	***(Å,°)***	α	89.59(0)	β	84.33(0)	γ	82.52(0)

R-Factor (%): 13.60 ***Temperature(K):*** 115 ***Density(g/cm^3):*** 1.041



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1369

LOLQOS

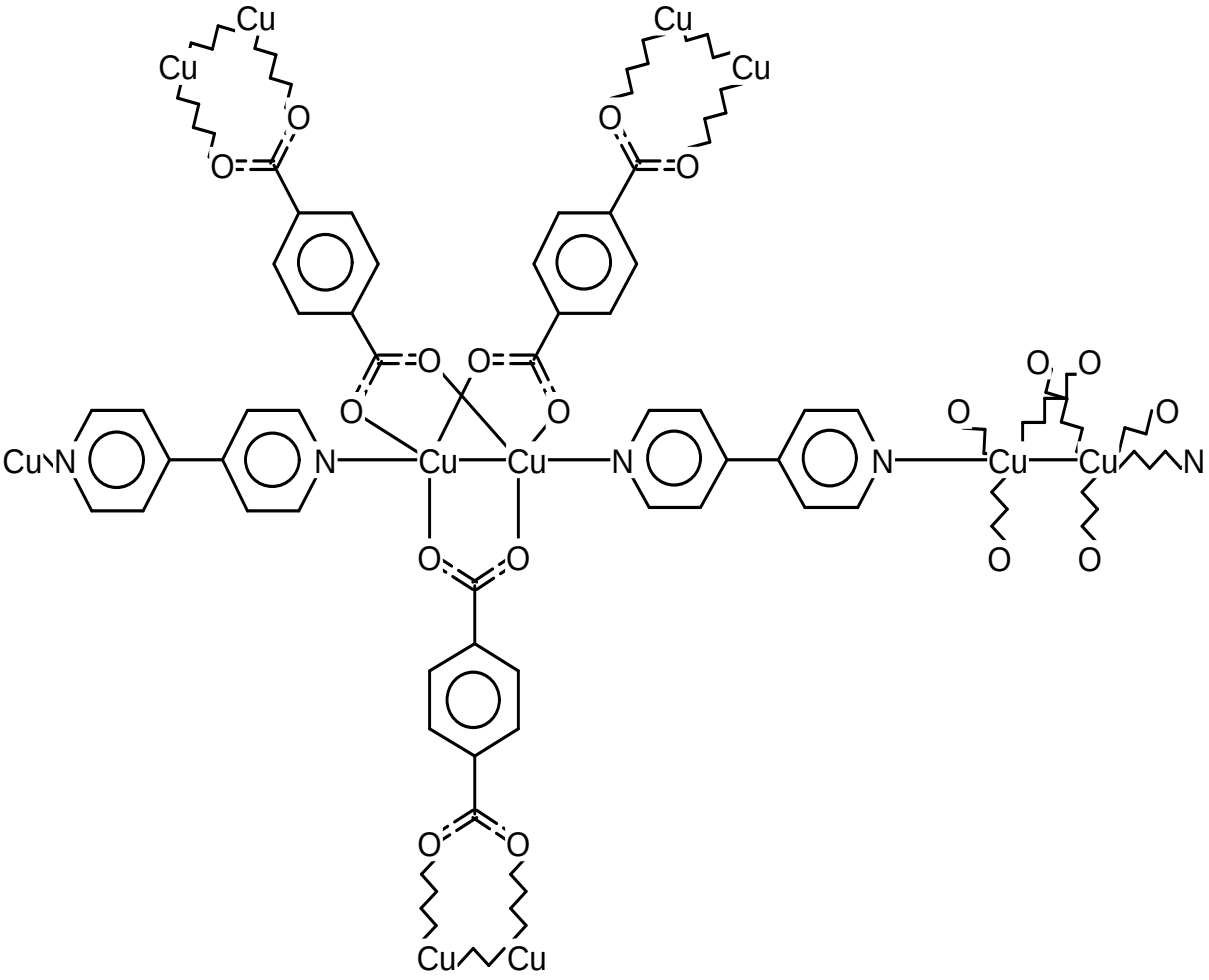
Reference: S.M.-F.Lo, S.S.-Y.Chui, Lai-Yung Shek, Zhenyang Lin, Xi Xiang Zhang, Ge-hei Wen, I.D.Williams (2000) *J.Am.Chem.Soc.* , **122,**6293

Formula: $(C_{44}\ H_{28}\ Cu_4\ N_4\ O_{12})n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-tris(μ_2-terephthalato-O,O',O'',O''')-tetra-copper(i,ii))

Space Group:	P-1	***Cell:***	***a***	10.024(3)	***b***	10.220(3)	***c***	10.727(4)
Space Group No.:	2	***(Å,°)***	α	74.42(3)	β	74.58(2)	γ	84.77(3)

R-Factor (%): 4.08 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.724



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1370

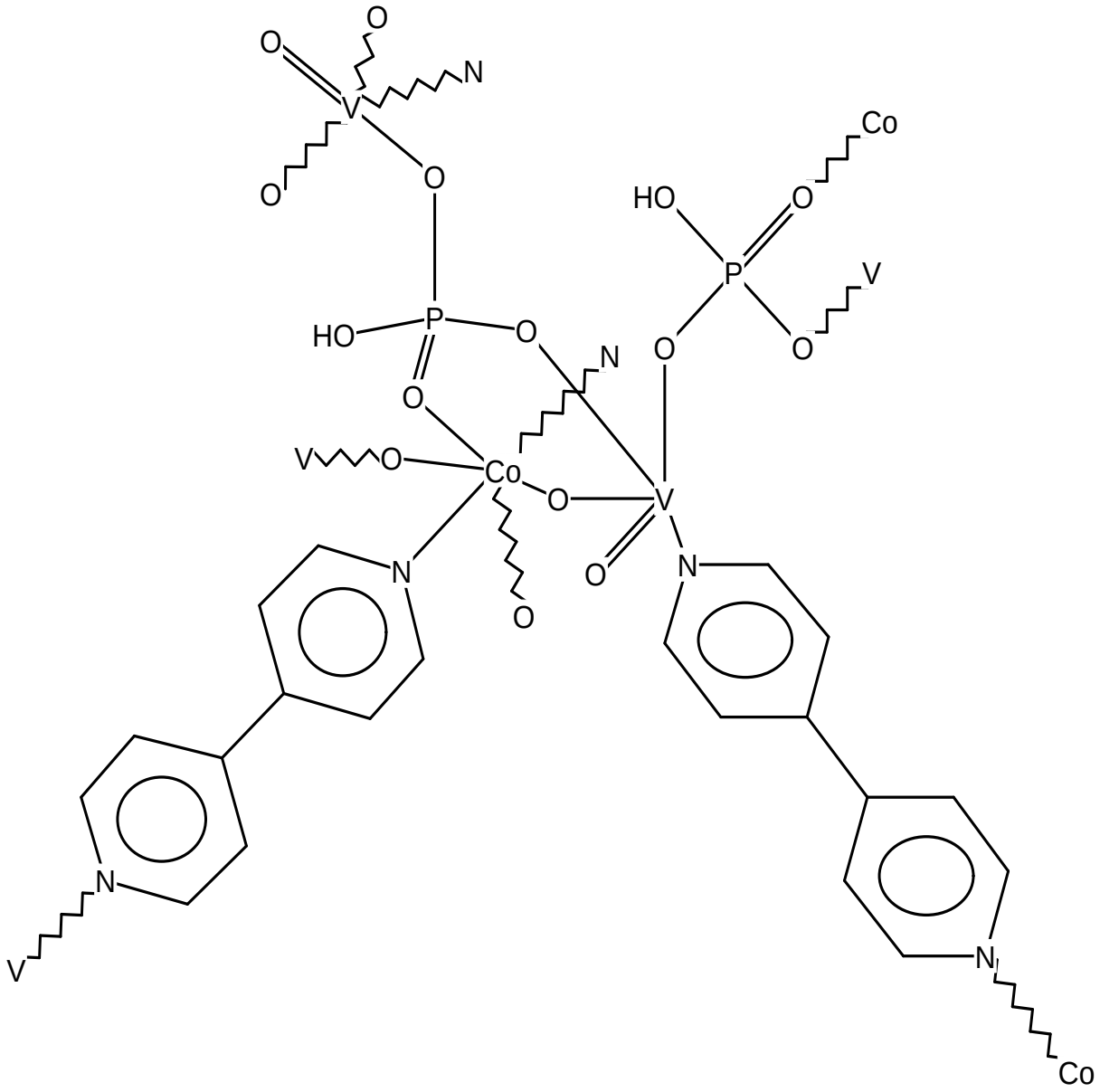
LOMFOI

Reference: Zhan Shi, Shouhua Feng, Shan Gao, Lirong Zhang, Guoyu Yang, Jia Hua (2000) *Angew.Chem.,Int.Ed. ,***39,**2325

Formula: $(C_{20}\ H_{18}\ Co_1\ N_4\ O_{12}\ P_2\ V_2)n$

Compound Name: catena-(bis((μ3-Phosphato)-(μ2-4,4'-bipyridine)-(μ2-oxo)-oxo-vanadium) -cobalt)

Space Group:	C2/c	***Cell:***	***a***	25.140(1)	***b*** 8.153(0)	***c***	15.651(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.00(0)	γ	90.00
R-Factor (%):	3.20	***Temperature(K):***	295		***Density(g/cm3):***		1.890



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1371

LOMFUO

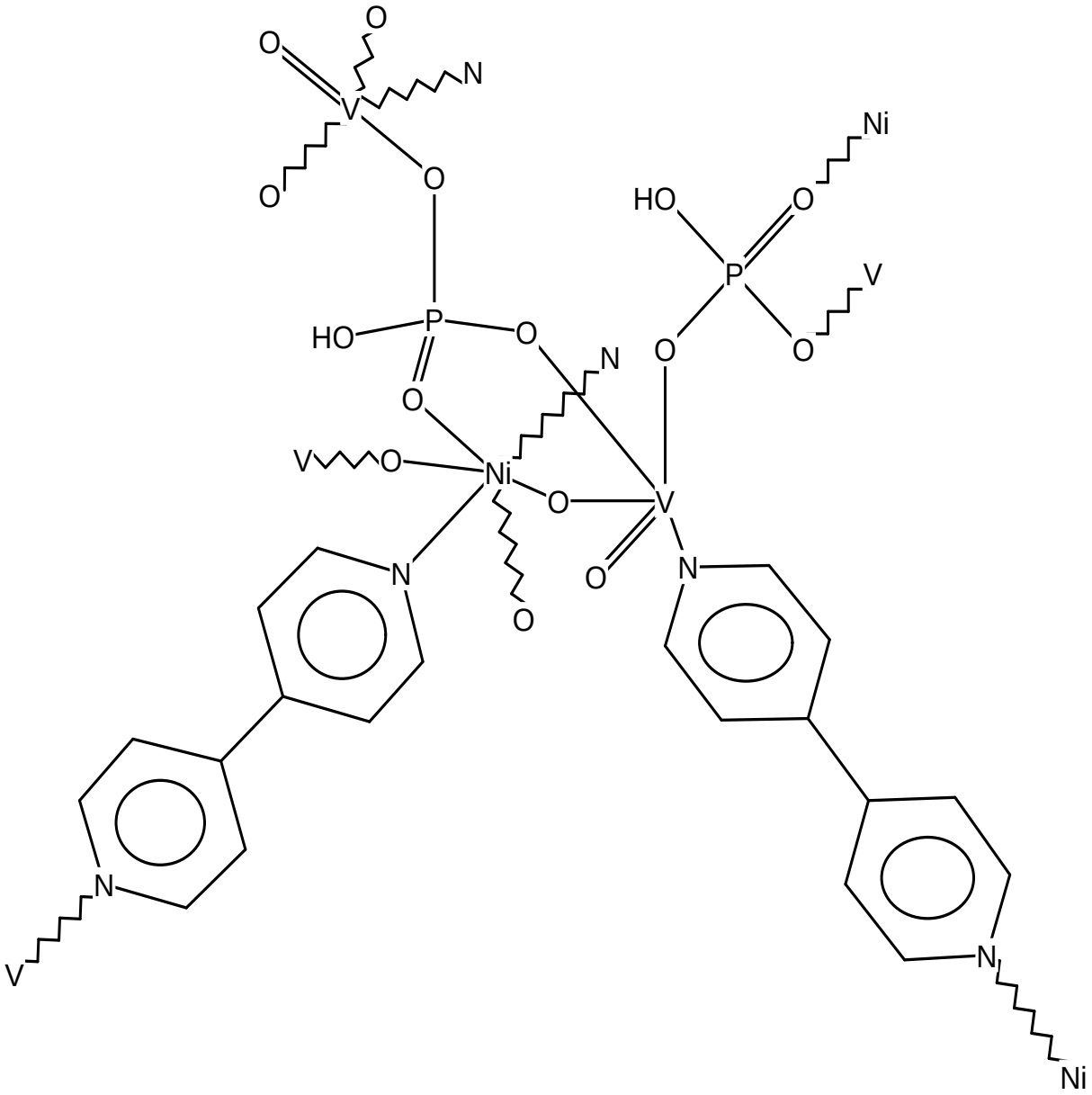
Reference: Zhan Shi, Shouhua Feng, Shan Gao, Lirong Zhang, Guoyu Yang, Jia Hua (2000) *Angew.Chem.,Int.Ed. ,***39,**2325

Formula: $(C_{20}\ H_{18}\ N_4\ Ni_1\ O_{12}\ P_2\ V_2)n$

Compound Name: catena-(bis((μ3-Phosphato)-(μ2-4,4'-bipyridine)-(μ2-oxo)-oxo-vanadium) -nickel)

Space Group:	C2/c	***Cell:***	***a***	25.025(3)	***b*** 8.166(1)	***c***	15.610(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.48(0)	γ	90.00

R-Factor (%): 3.32 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.913



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1372

LOMLII

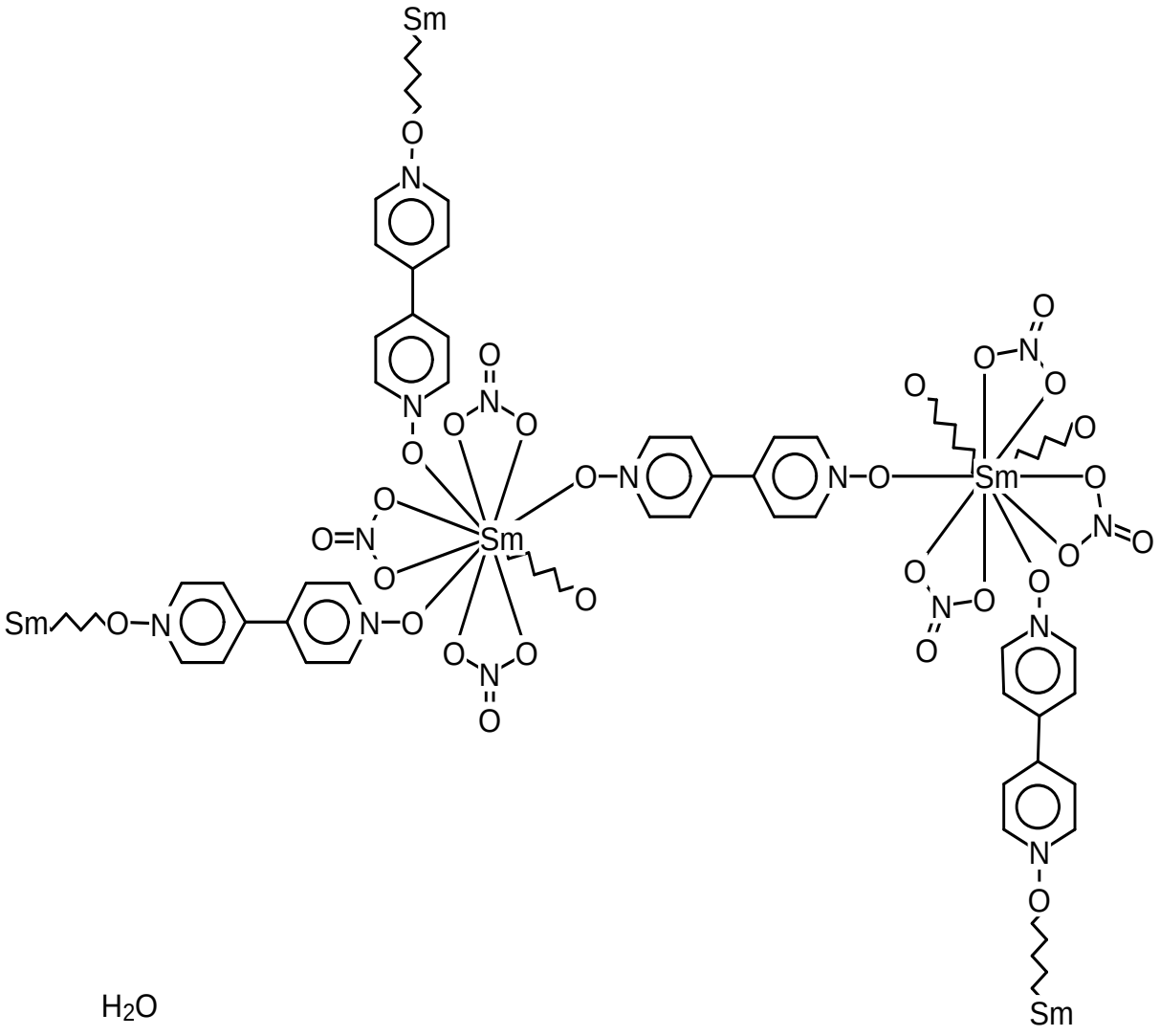
Reference: De-Liang Long, A.J.Blake, N.R.Champness, M.Schroder (2000) *Chem.Commun.* ,1369

Formula: $(C_{40}\ H_{32}\ N_{14}\ O_{26}\ Sm_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(bis(μ_2-4,4'-Bipyridine-N,N'-dioxido)-tris(nitrato-O,O')-samarium(iii)) monohydrate)

Space Group:	Pbcn	***Cell:***	***a***	16.529(4)	***b***	17.616(5)	***c***	17.244(5)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	3.29	***Temperature(K):***	150	***Density(g/cm^3):***	1.910


Sm
O
N
O
N
O
O
N
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1373

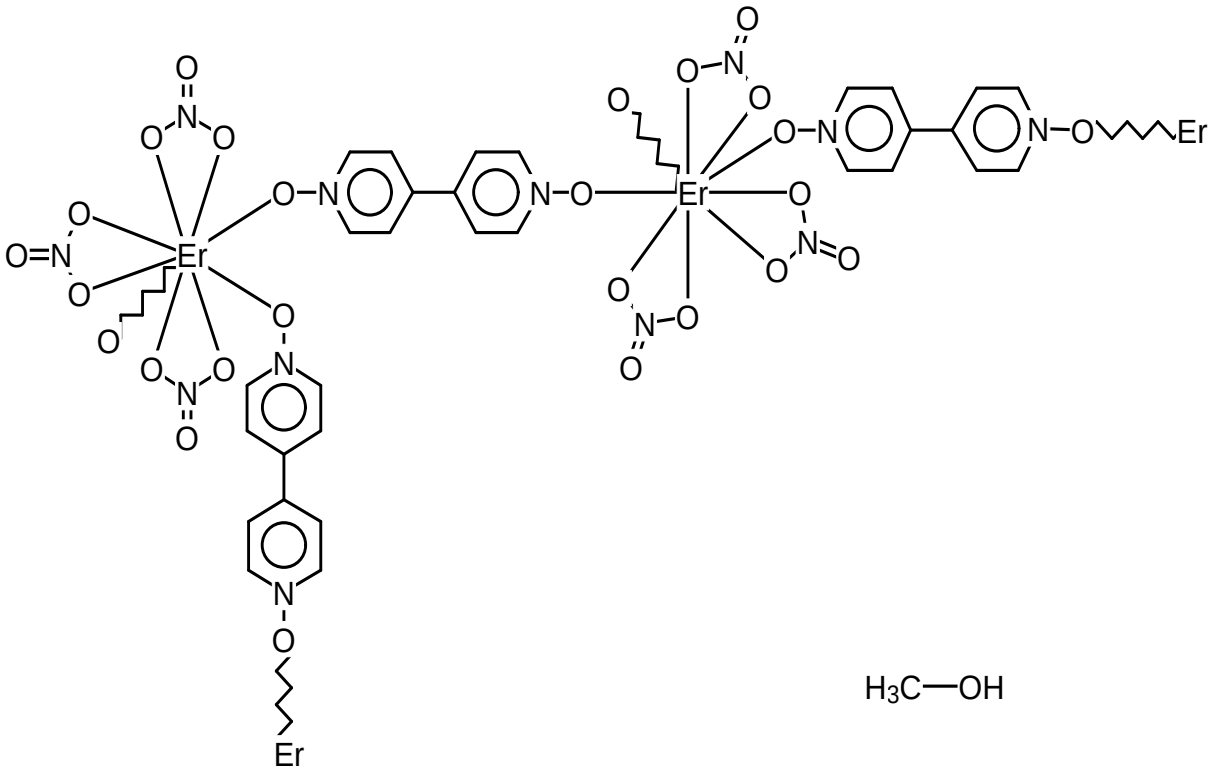
LOMLOO

Reference: De-Liang Long, A.J.Blake, N.R.Champness, M.Schroder (2000) *Chem.Commun.* ,1369

Formula: $(C_{30}\ H_{24}\ Er_2\ N_{12}\ O_{24})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxido)-tris(nitrato-O,O')-di-erbium(iii) methanol solvate)

Space Group:	P-421c	***Cell:***	***a*** 26.435(6)	***b*** 26.435(6)	***c*** 7.584(2)
Space Group No.:	114	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	7.60	***Temperature(K):***	220	***Density(g/cm^3):***	1.673



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1374

LONKOO

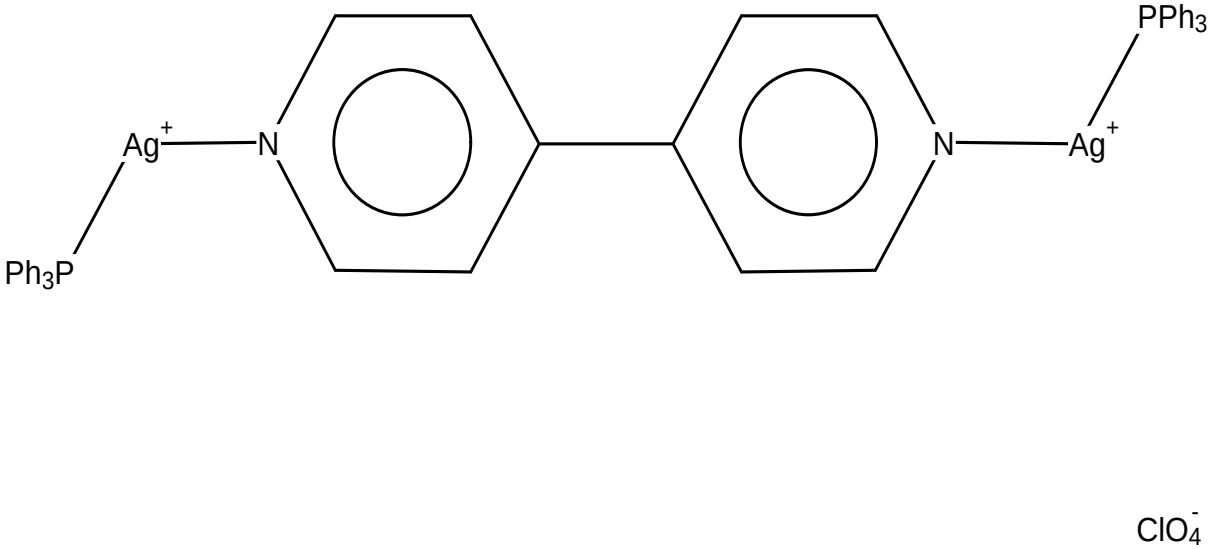
Reference: J.T.Sampanthar, J.J.Vittal (2000) *Crystal Engineering* ,**3,** 117

Formula: $C_{46}\ H_{38}\ Ag_2\ N_2\ P_2\ ^{2+},2(Cl_1\ O_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(triphenylphosphine)-di-silver diperchlorate

Space Group:	P21/c	***Cell:***	***a***	12.142(0)	***b*** 9.918(0)	***c***	18.971(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.71(0)	γ	90.00

R-Factor (%): 7.13 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.621



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1375

LONKUU

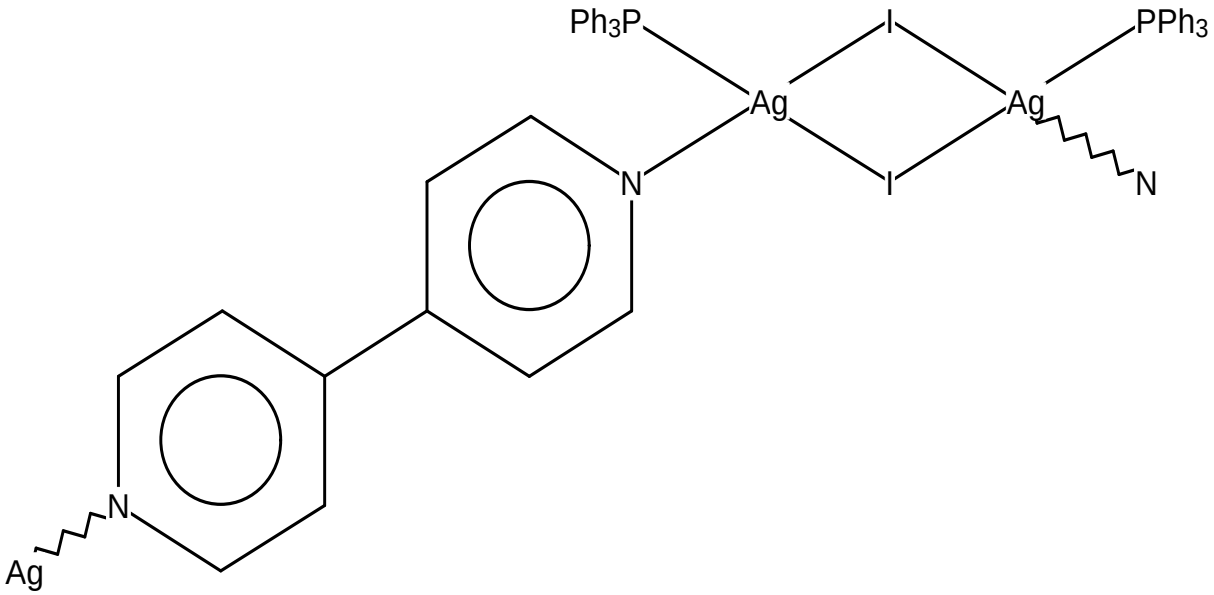
Reference: J.T.Sampanthar, J.J.Vittal (2000) *Crystal Engineering* ,**3,** 117

Formula: $(C_{46}\ H_{38}\ Ag_2\ I_2\ N_2\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis((μ_2-iodo)-(triphenylphosphine))-di-silver)

Space Group:	P-1	***Cell:***	***a***	9.263(0)	***b***	9.739(0)	***c*** 13.272(0)
Space Group No.:	2	***(Å,°)***	α	104.76(1)	β	108.86(1)	γ 93.09(0)

R-Factor (%): 3.35 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.763



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1376

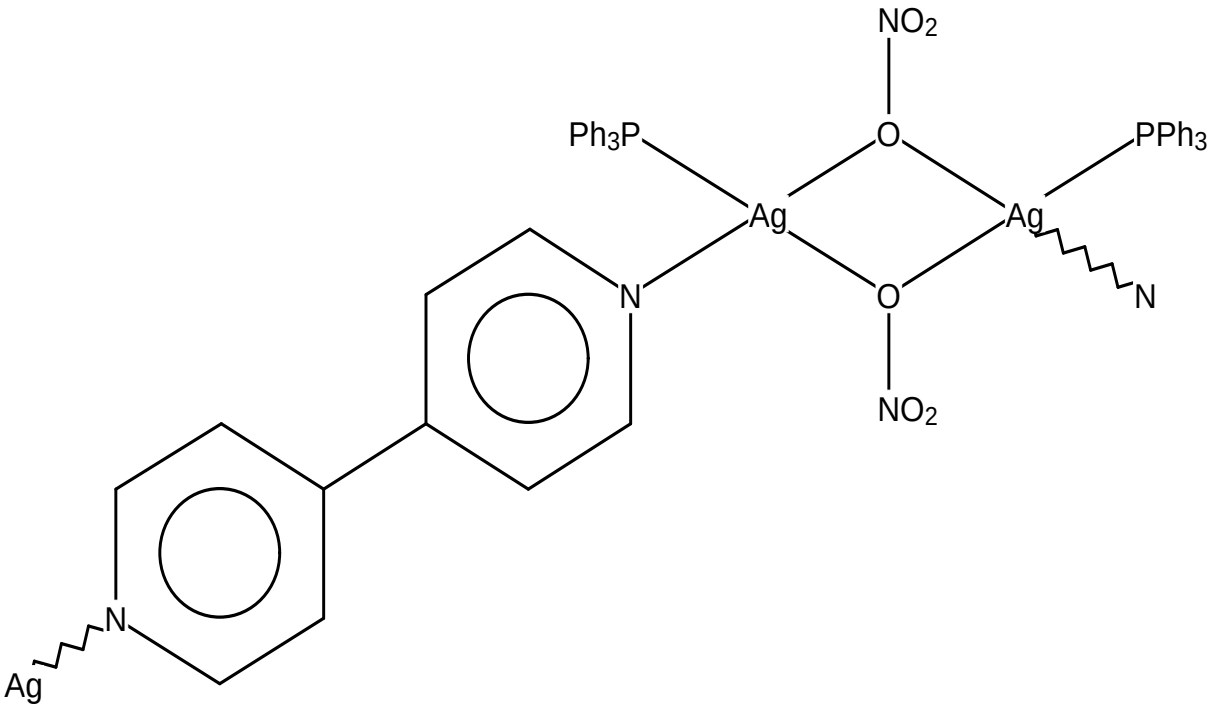
LONLAB

Reference: J.T.Sampanthar, J.J.Vittal (2000) *Crystal Engineering* ,**3,** 117

Formula: $(C_{46}\ H_{38}\ Ag_2\ N_4\ O_6\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis((μ_2-nitrato-O)-(triphenylphosphine))-di-silver)

Space Group:	P-1	***Cell:***	***a***	9.240(0)	***b***	10.143(0)	***c***	12.689(0)
Space Group No.:	2	***(Å,°)***	α	75.46(0)	β	72.02(0)	γ	83.26(0)
R-Factor (%):	4.00	***Temperature(K):***	295		***Density(g/cm^3):***	1.549		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1377

LONLAB01

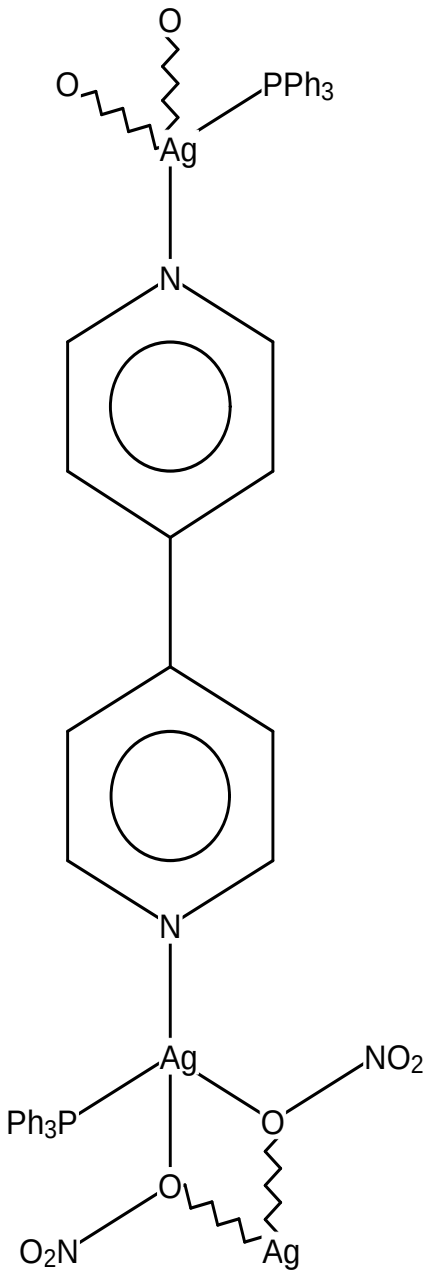
Reference: R.Prajapati, K.Kimura, L.Mishra (2009) *Inorg.Chim.Acta* , **362,**3219

Formula: $(C_{46}\ H_{38}\ Ag_2\ N_4\ O_6\ P_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-bis(μ_2-nitrato)-bis(triphenylphosphine)-di-silver(i)]

Space Group:	P-1	***Cell:***	***a***	9.152(1)	***b***	10.055(1)	***c***	12.459(1)
Space Group No.:	2	***(Å,°)***	α	76.40(1)	β	71.37(1)	γ	81.90(1)

R-Factor (%):	5.54	***Temperature(K):***	150	***Density(g/cm^3):***	1.609



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1378

LONLEF

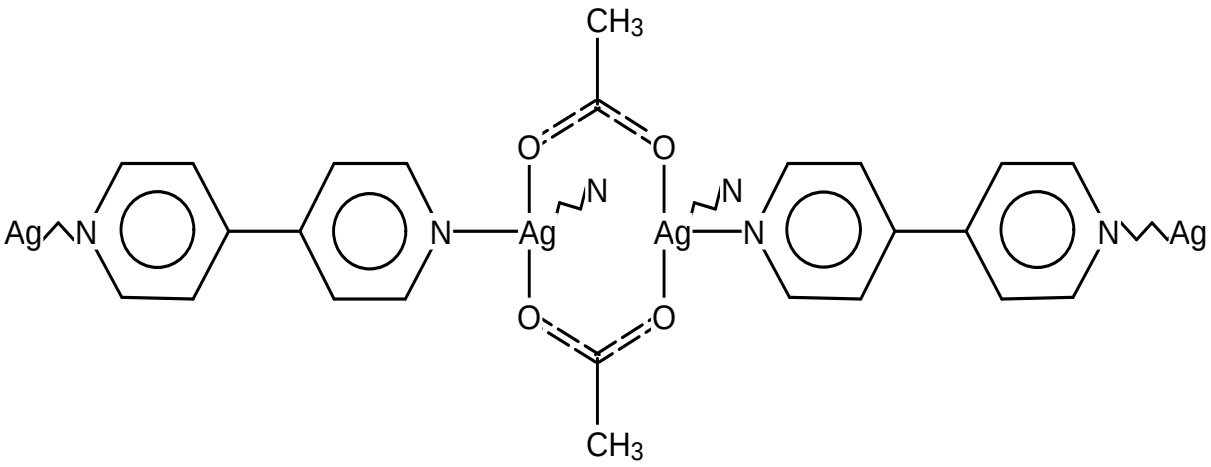
Reference: J.T.Sampanthar, J.J.Vittal (2000) *Crystal Engineering* ,**3,** 117

Formula: $(C_{24}\ H_{22}\ Ag_2\ N_4\ O_4)n,6n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-Acetato-O,O')-(μ$_2$-4,4'-bipyridine))-di-silver hexahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.493(0)	***b*** 18.460(0)	***c***	14.264(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.98(0)	γ	90.00

R-Factor (%): 5.53 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.692



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1379

LONLEF01

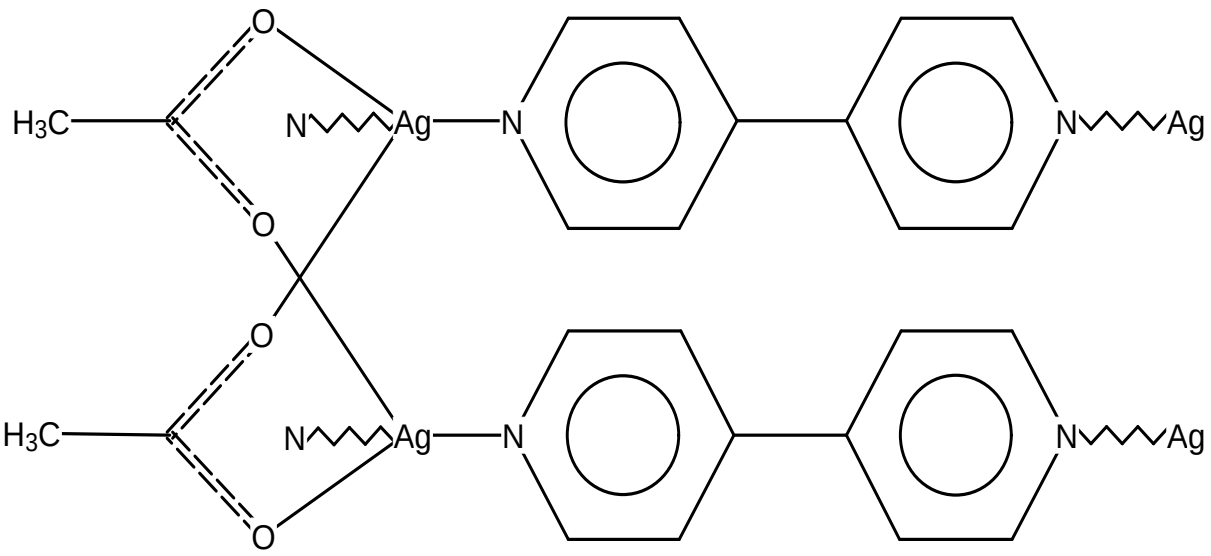
Reference: Ming-Liang Tong, Xiao-Ming Chen, Seik Weng Ng (2000)
Inorg.Chem.Commun. ,**3,**436

Formula: $(C_{24}\ H_{22}\ Ag_2\ N_4\ O_4)n,6n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine)-bis(μ_2-acetato)-disilver(i) hexahydrate]

Space Group:	P21/c	***Cell:***	***a***	11.448(0)	***b*** 18.358(1)	***c***	14.192(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.09(0)	γ	90.00

R-Factor (%): 5.86 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.718



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1380

LONTAJ

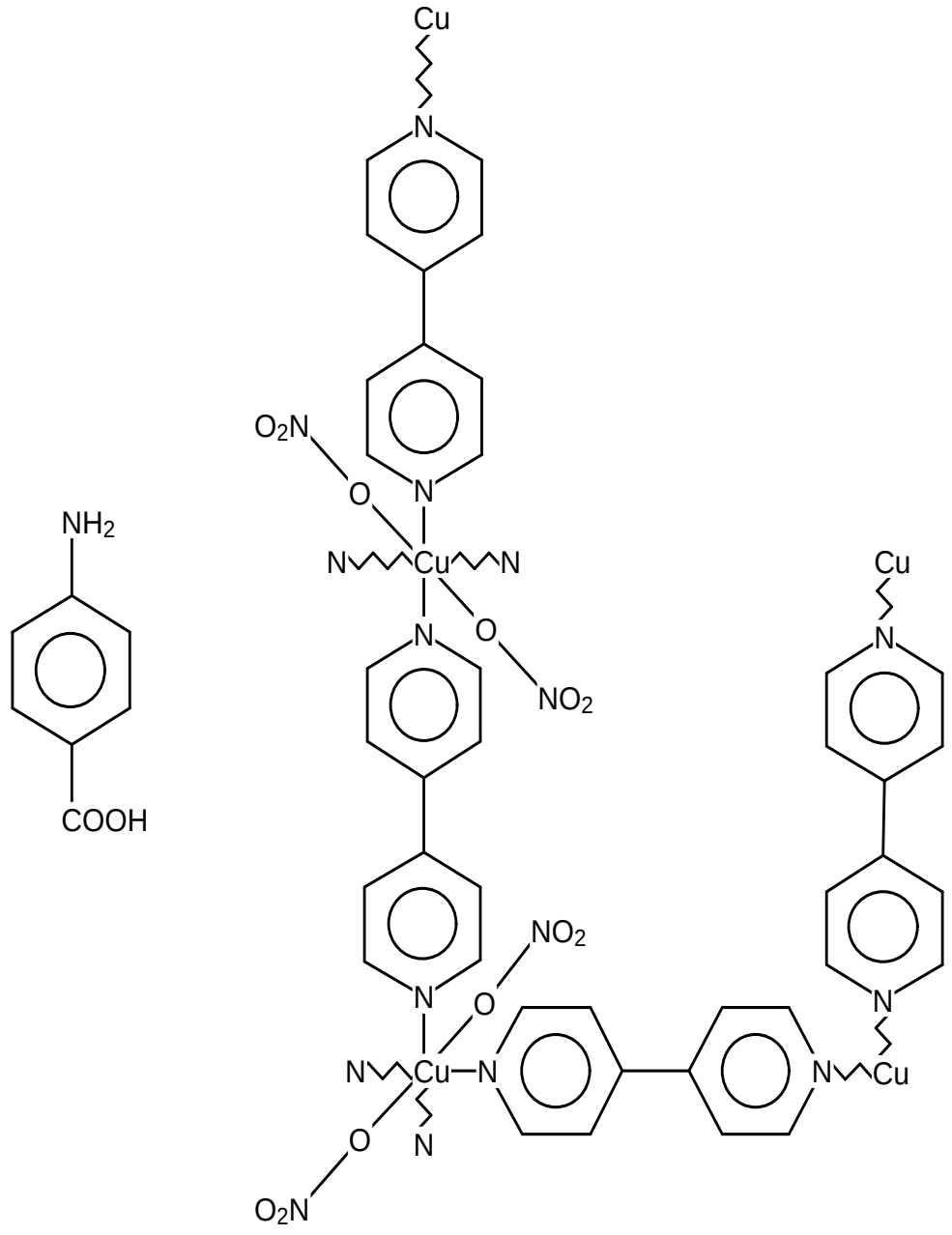
Reference: Ming-Liang Tong, Shao-Liang Zheng, Xiao-Ming Chen (2000) *Polyhedron* ,**19,**1809

Formula: $(C_{40}\ H_{32}\ Cu_2\ N_{12}\ O_{12})n,6n(C_7\ H_7\ N_1\ O_2)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-copper(ii) heakis(4-aminobenzoic acid) clathrate)

Space Group:	P-1	***Cell:***	***a***	11.008(5)	***b*** 13.057(4)	***c***	15.752(5)
Space Group No.:	2	***(Å,°)***	α	99.07(1)	β 100.22(1)	γ	105.39(1)

R-Factor (%): 7.24 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.443



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1381

LOTQOA

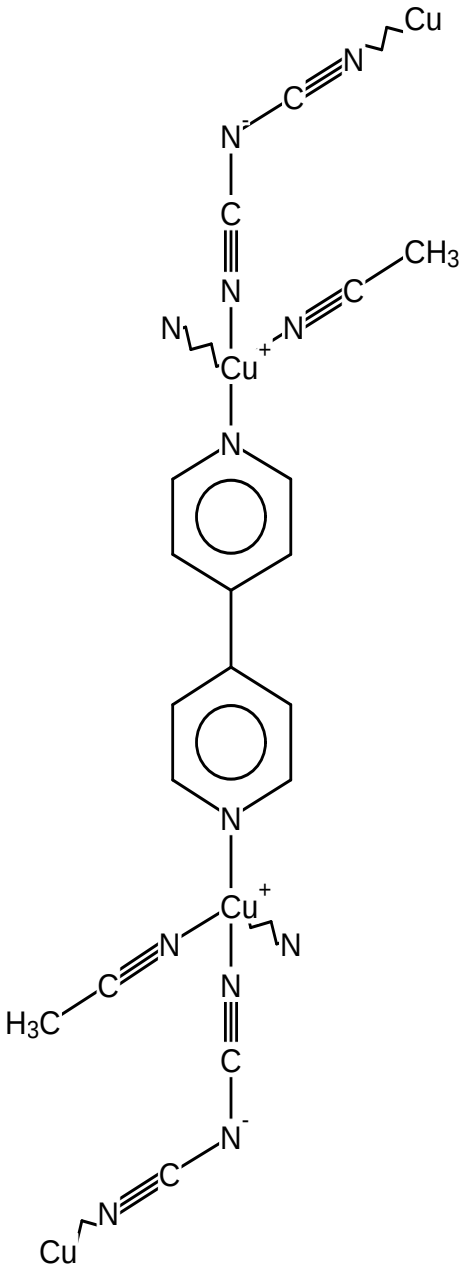
Reference: S.R.Batten, A.R.Harris, P.Jensen, K.S.Murray, A.Ziebell (2000) *J.Chem.Soc.,Dalton Trans.* ,3829

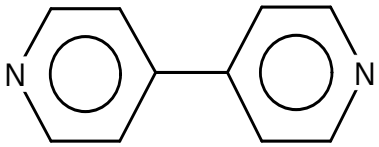
Formula: $(C_{18}\ H_{14}\ Cu_2\ N_{10})n,0.5n(C_{10}\ H_8\ N_2)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-bis(μ_2-dicyanamide-N,N')-bis(acetonitrile)-di-copper(i) 4,4'-bipyridine)

Space Group:	C2/m	***Cell:***	***a***	29.514(0)	***b***	7.576(0)	***c*** 11.391(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	106.14(0)	γ 90.00

R-Factor (%): 5.67 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.563





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1382

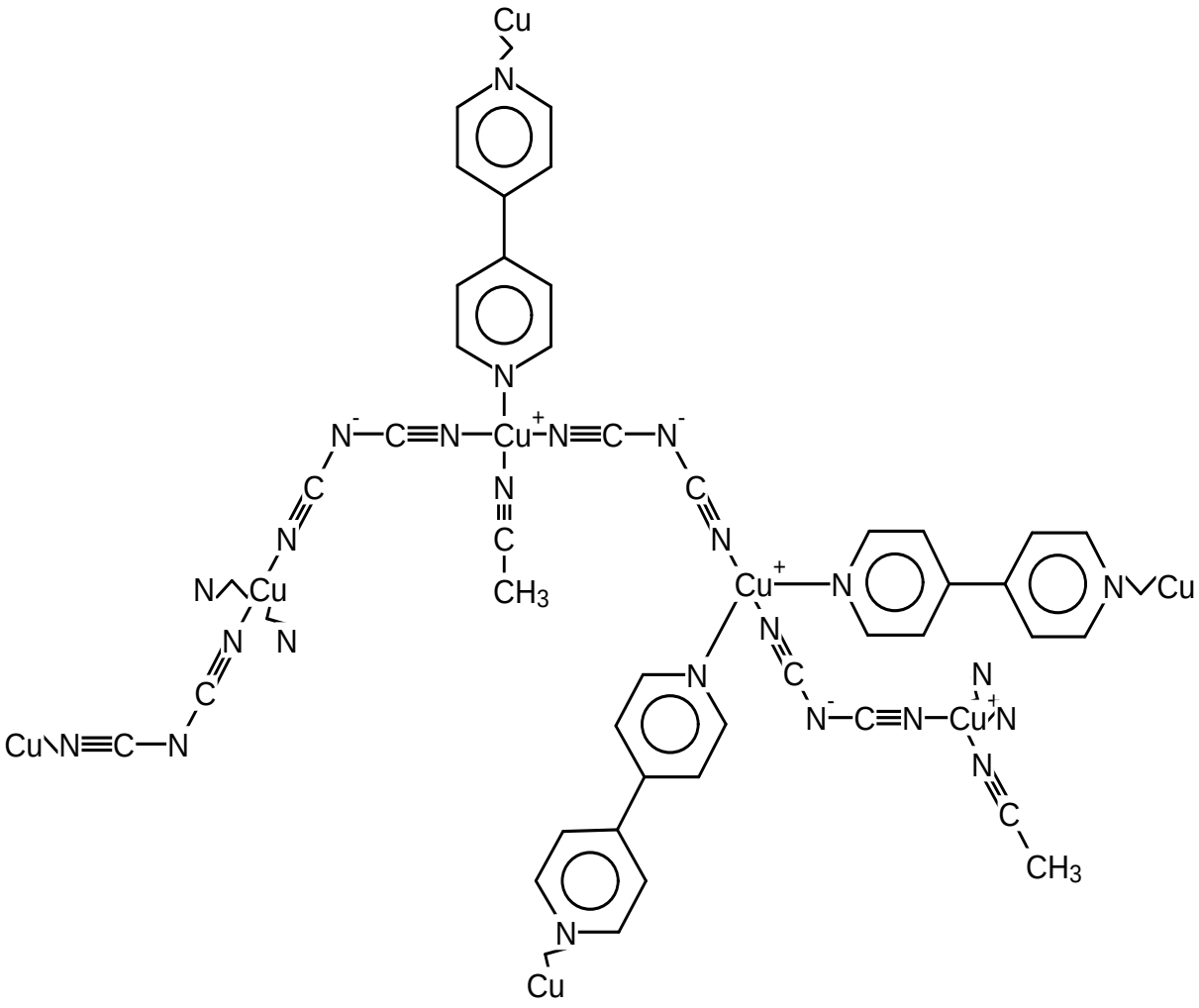
LOTQUG

Reference: S.R.Batten, A.R.Harris, P.Jensen, K.S.Murray, A.Ziebell (2000) *J.Chem.Soc.,Dalton Trans.* ,3829

Formula: $(C_{42}\ H_{30}\ Cu_4\ N_{20})n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(μ_2-dicyanamide)-bis(acetonitrile)-tetra-copper(i))

Space Group:	P-1	***Cell:***	***a***	8.210(0)	***b***	10.045(0)	***c*** 13.949(0)
Space Group No.:	2	***(Å,°)***	α	99.00(0)	β	93.18(0)	γ 101.63(0)
R-Factor (%):	3.78	***Temperature(K):***	123	***Density(g/cm^3):***	1.602		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1383

LOTXEX

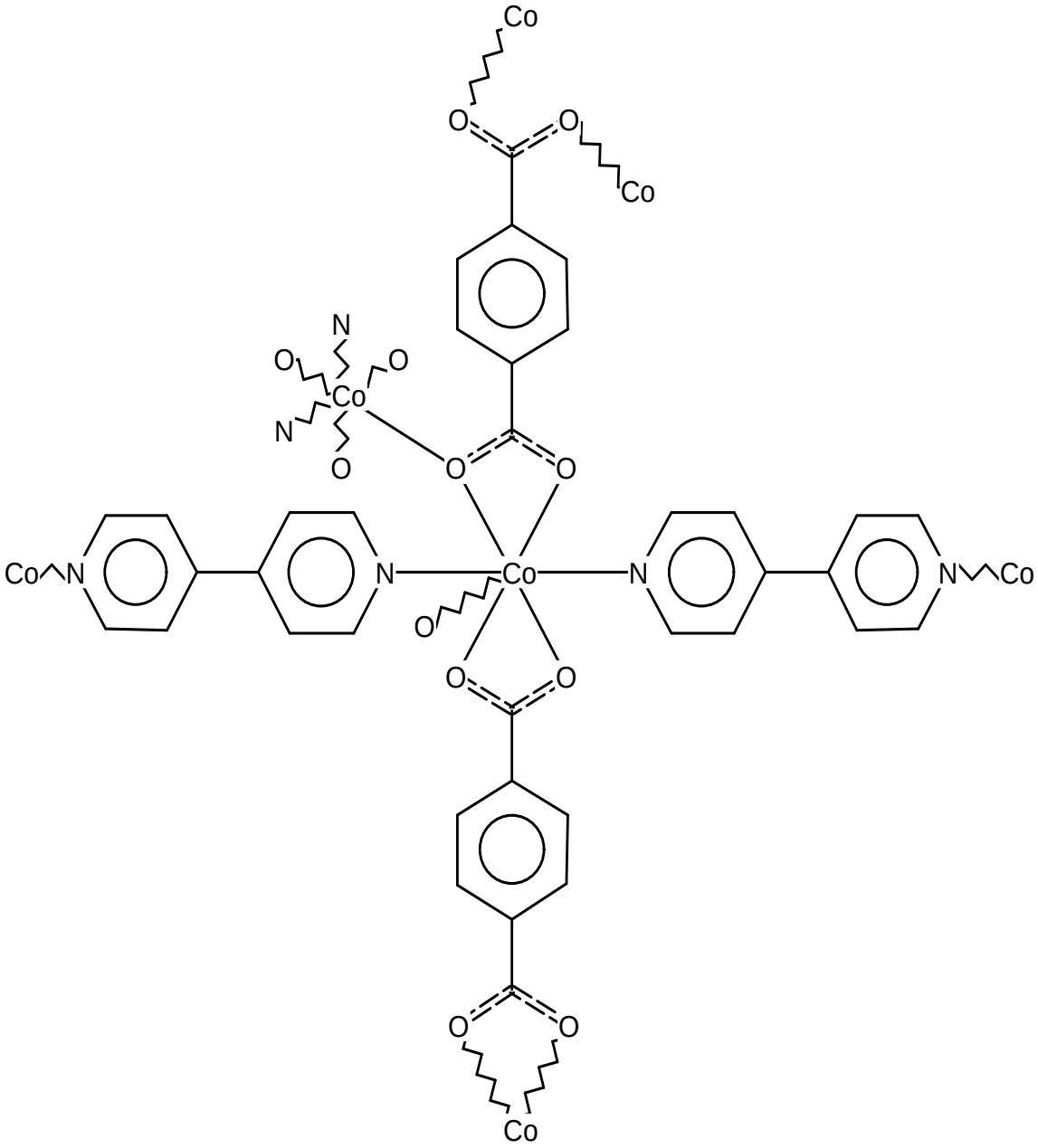
Reference: Jun Tao, Ming-Liang Tong, Xiao-Ming Chen (2000)
J.Chem.Soc.,Dalton Trans. ,3669

Formula: $(C_{36}\ H_{24}\ Co_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-Terephthalato)-(μ_2-terephthalato)-bis(μ_2-4,4'-bipyridine)-cobalt(ii))

Space Group:	C2/m	***Cell:***	***a***	16.623(3)	***b*** 10.299(2)	***c***	11.368(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β 119.23(3)	γ	90.00

R-Factor (%): 3.37 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.483



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1384

LOTXIB

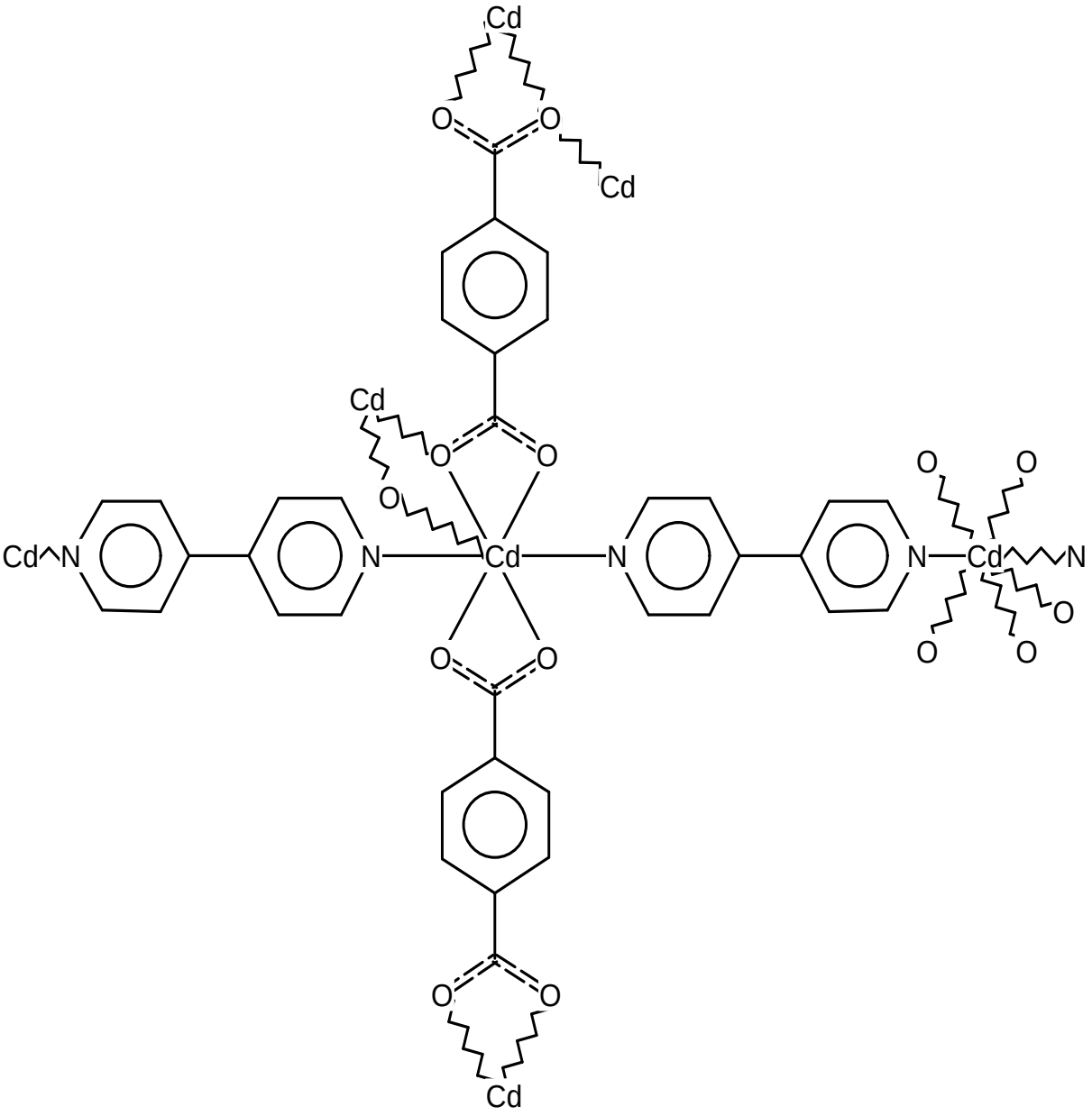
Reference: Jun Tao, Ming-Liang Tong, Xiao-Ming Chen (2000)
J.Chem.Soc.,Dalton Trans. ,3669

Formula: $(C_{36}\ H_{24}\ Cd_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-Terephthalato)-(μ_2-terephthalato)-bis(μ_2-4,4'-bipyridine)-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	16.108(3)	***b*** 11.675(2)	***c***	20.171(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.99(3)	γ	90.00

R-Factor (%): 2.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.634



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1385

LOTXOH

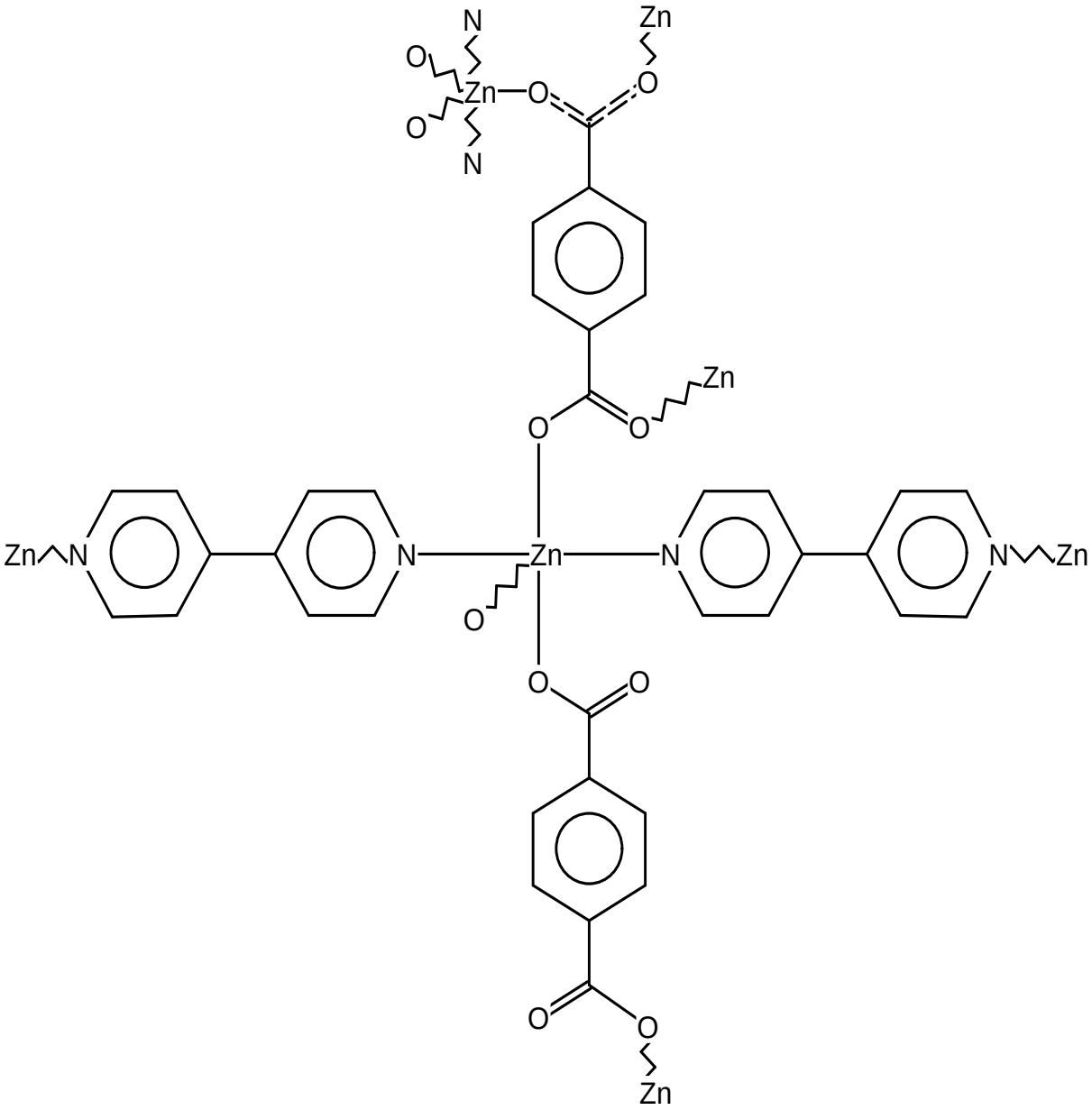
Reference: Jun Tao, Ming-Liang Tong, Xiao-Ming Chen (2000)
J.Chem.Soc.,Dalton Trans. ,3669

Formula: $(C_{36}\ H_{24}\ N_4\ O_8\ Zn_2)n$

Compound Name: catena-((μ_4-Terephthalato)-(μ_2-terephthalato)-bis(μ_2-4,4'-bipyridine)-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	9.187(2)	***b***	10.276(2)	***c***	10.976(2)
Space Group No.:	2	***(Å,°)***	α	67.89(3)	β	68.19(3)	γ	65.69(3)

R-Factor (%): 4.63 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.515



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1386

LOXXOL

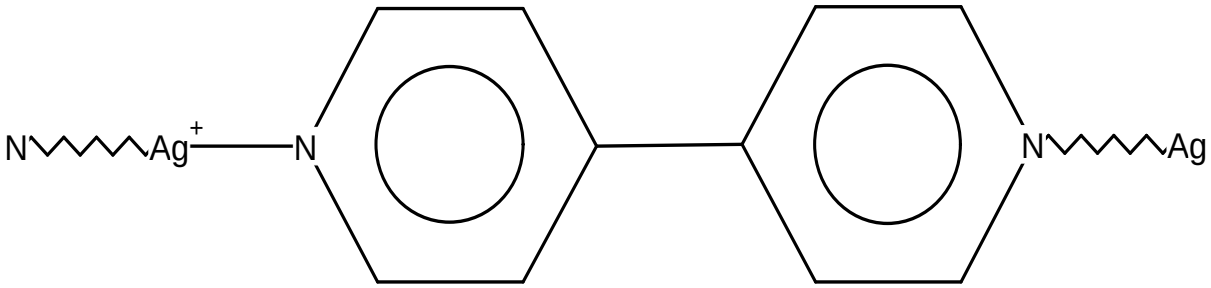
Reference: Wenhua Bi, Daofeng Sun, Rong Cao, Maochun Hong
(2002) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***58,**m324

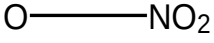
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-silver(i) nitrate

Space Group:	Pnma	***Cell:***	***a***	10.532(1)	***b***	11.531(1)	***c*** 9.082(1)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.964





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1387

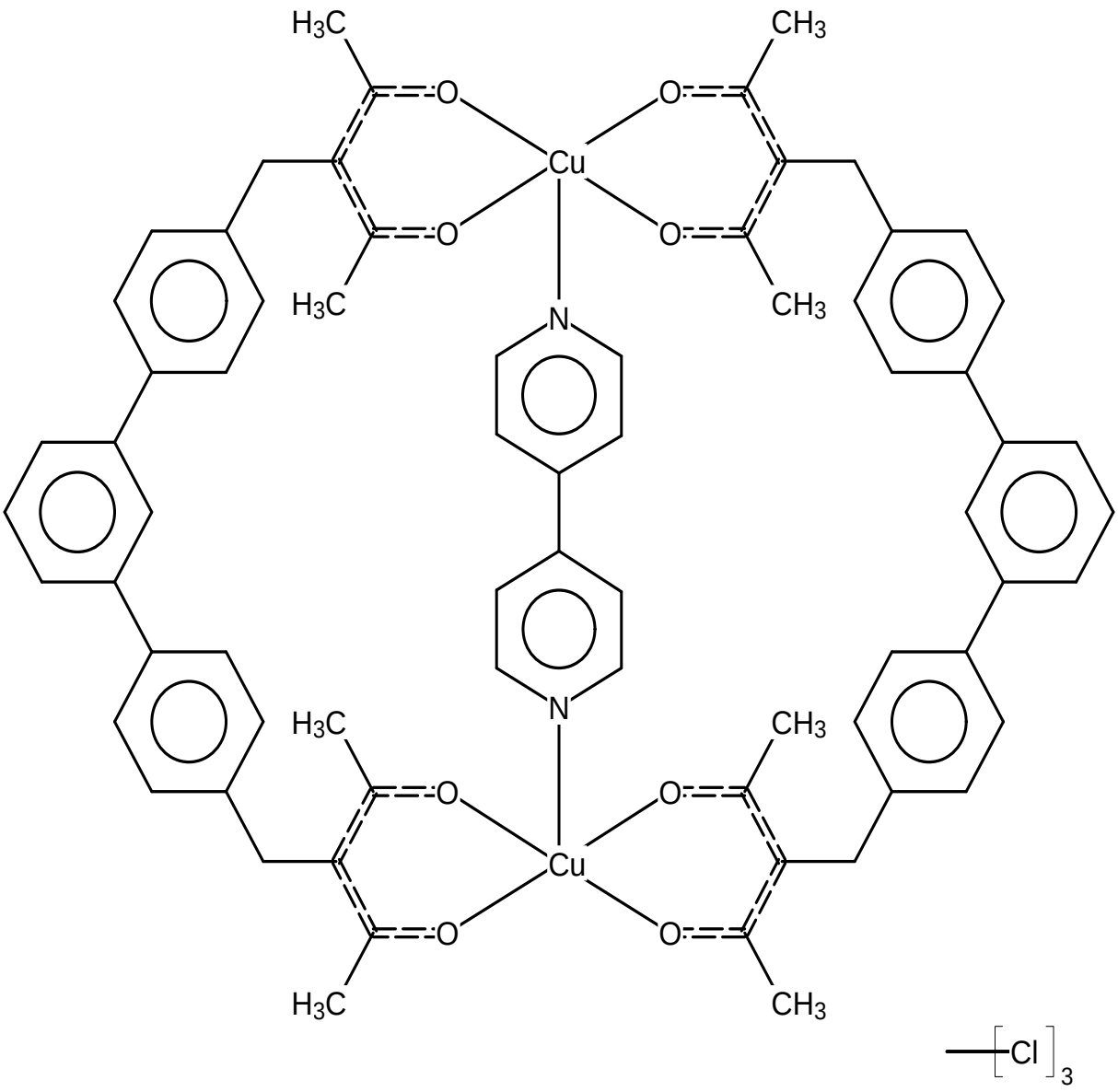
LUBBEP

Reference: G.J.E.Davidson, A.J.Baer, A.P.Cote, N.J.Taylor, G.S.Hanan, Y.Tanaka, M.Watanabe (2002) *Can.J.Chem. ,***80,**496

Formula: $C_{70}\ H_{64}\ Cu_2\ N_2\ O_8$,10($C_1\ H_1\ Cl_3$)

Compound Name: bis(μ_2-3,3'-(1,1':3',1''-Terphenyl-4,4''-diylbis(methylene))bis(4-hydroxypent-3-en-2-one)-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-copper chloroform solvate

Space Group:	P-1	***Cell:***	***a*** 12.049(0)	***b*** 14.572(0)	***c*** 15.014(0)
Space Group No.:	2	***(Å,°)***	α 104.14(0)	β 95.20(0)	γ 95.57(0)
R-Factor (%):	8.80	***Temperature(K):***	180	***Density(g/cm^3):***	1.566



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1388

LUCMEB

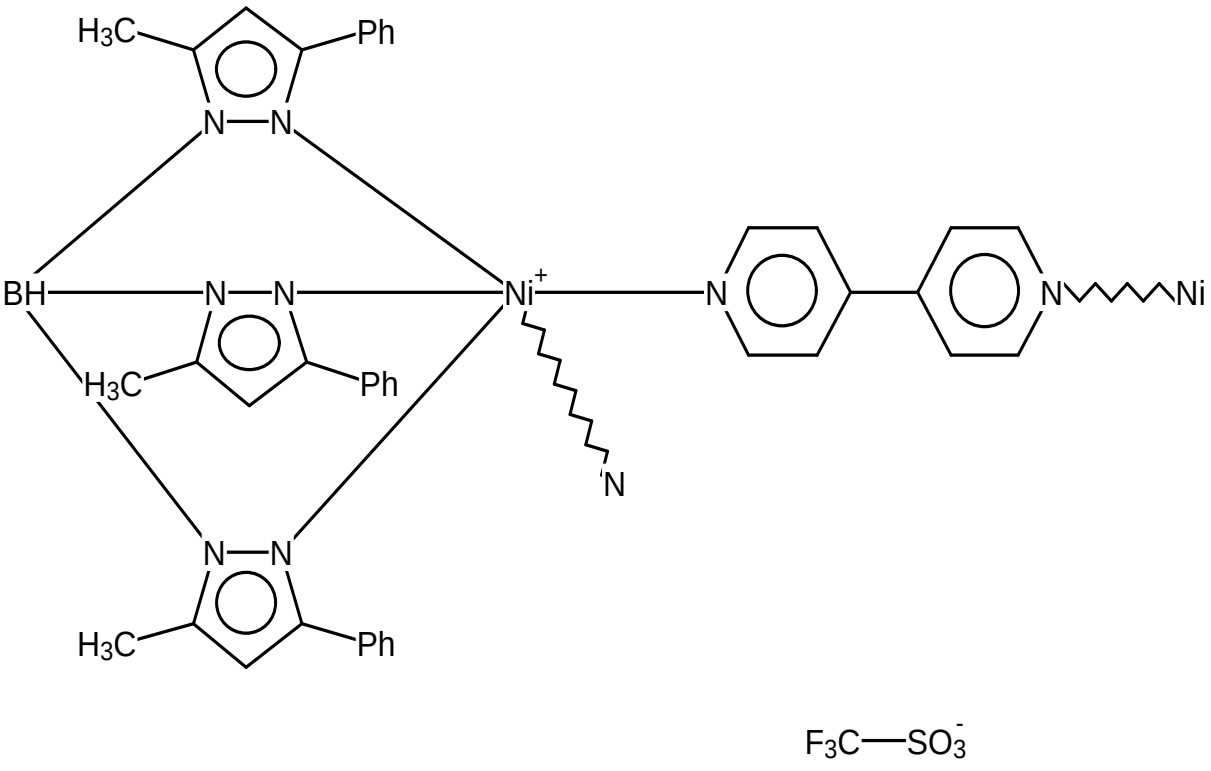
Reference: K.Uehara, S.Hikichi, M.Akita (2002)
J.Chem.Soc.,Dalton Trans. ,3529

Formula: $(C_{40}\ H_{36}\ B_1\ N_8\ Ni_1\ ^{1+})n,n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(hydrogen tris(3-phenyl-5-methylpyrazolyl) borato-N,N')-nickel trifluoromethanesulfonate)

Space Group:	P-1	***Cell:***	***a***	14.336(2)	***b*** 15.717(2)	***c***	10.404(0)
Space Group No.:	2	***(Å,°)***	α	97.46(0)	β 101.95(0)	γ	106.35(0)

R-Factor (%): 14.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.305



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1389

LUDBOB

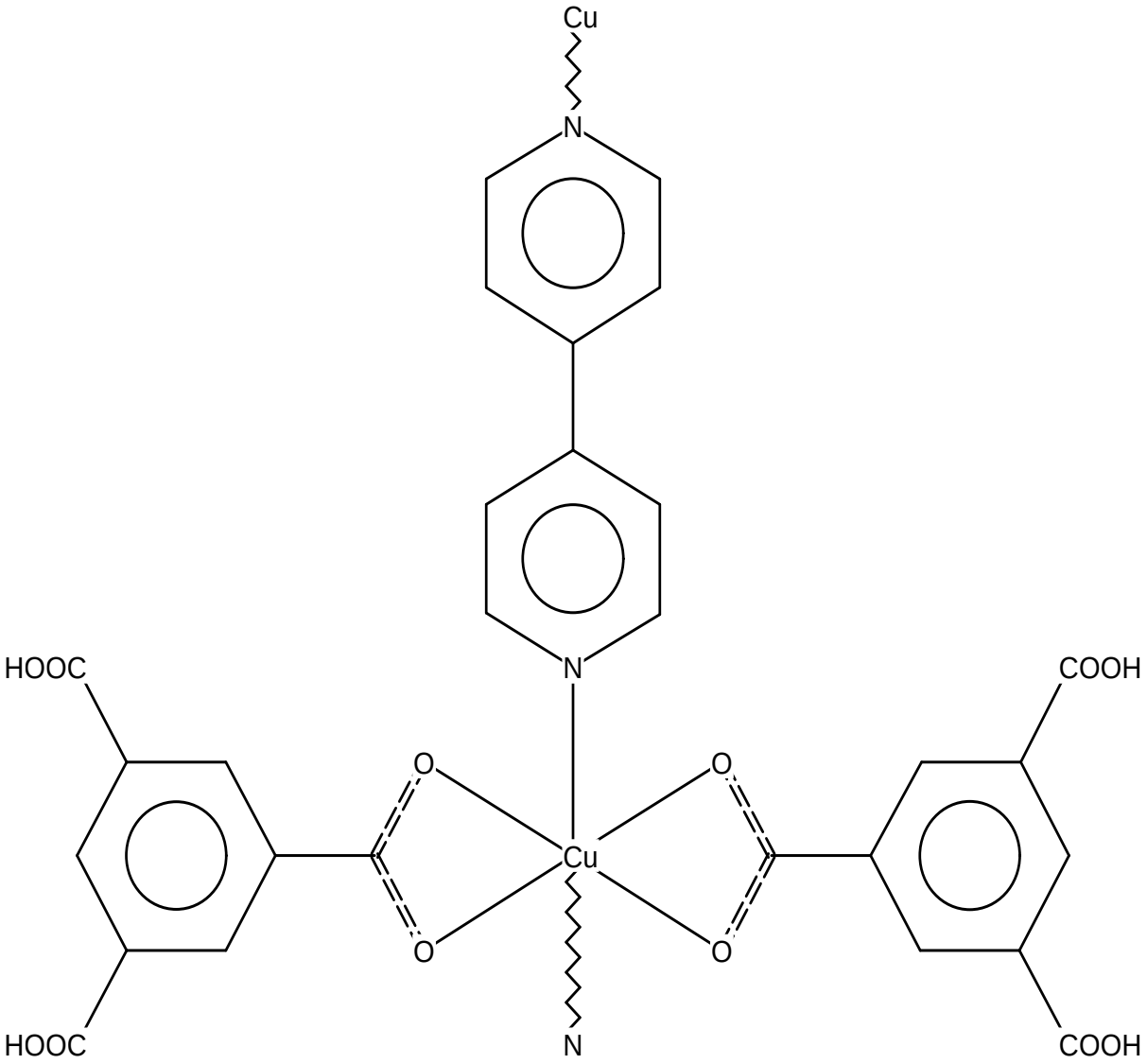
Reference: Hyun Sue Huh, Dongwon Min, Yeon Kyoung Lee, Soon W Lee (2002) *Bull.Korean Chem.Soc. ,***23,**619

Formula: $(C_{28}\ H_{18}\ Cu_1\ N_2\ O_{12})n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-bis(3,5-dicarboxybenzene-1-carboxylato)-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	10.717(2)	***b*** 11.089(3)	***c***	22.778(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.39(1)	γ	90.00

R-Factor (%): 3.25 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.597



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1390

LUFFAU

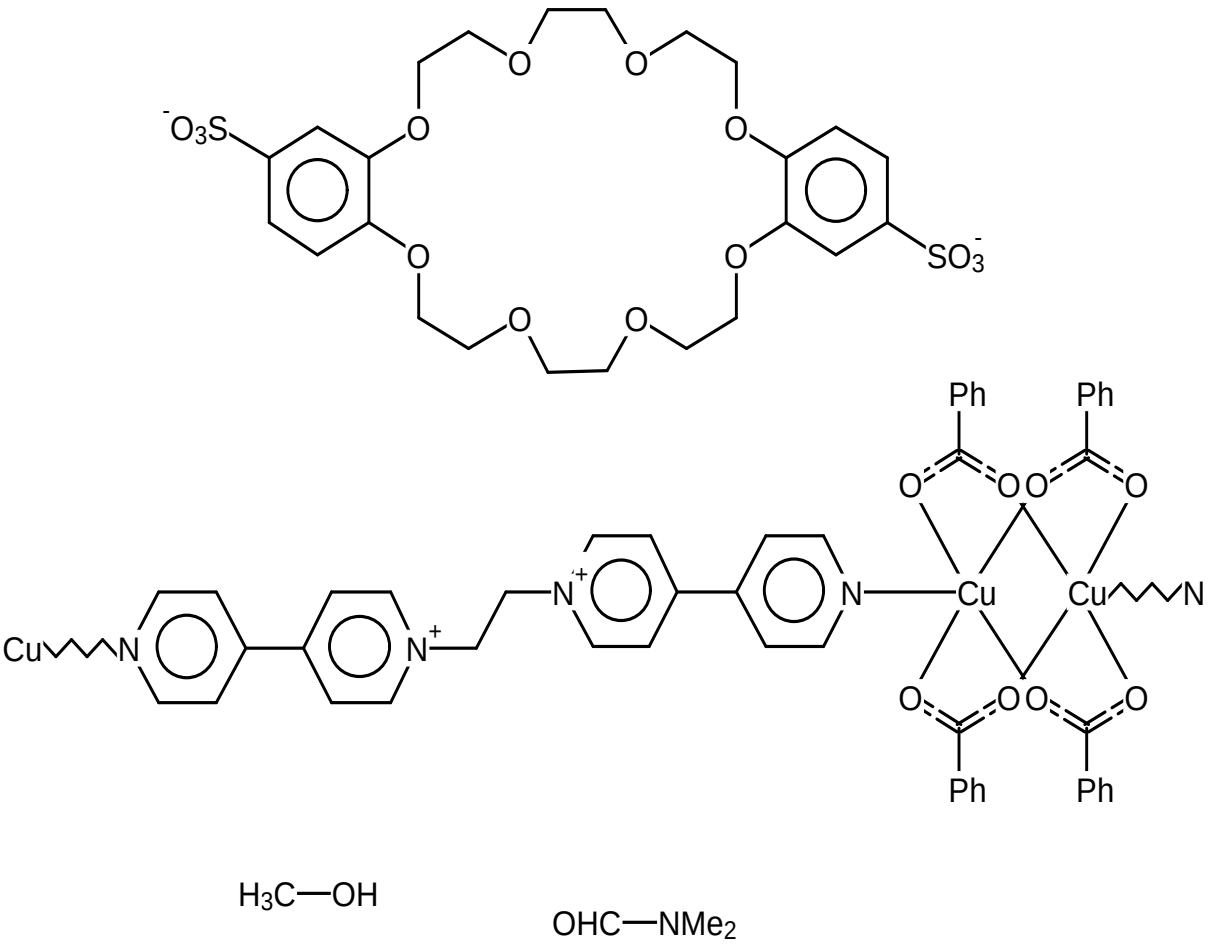
Reference: L.K.Knight, V.N.Vukotic, E.Viljoen, C.B.Caputo, S.J.Loeb (2009) *Chem.Commun.* ,5585

Formula: $(C_{50}\ H_{40}\ Cu_2\ N_4\ O_8\ ^{2+})n,n(C_{24}\ H_{30}\ O_{14}\ S_2\ ^{2-}),2n(C_1\ H_4\ O_1),n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Benzoato-O,O')-(μ_2-1,2-bis(4-(4-pyridyl)pyridinio) ethane-N,N')-di-copper(ii) bis(4-sulfonatobenzo)-24-crown-8 methanol dimethylformamide solvate)

Space Group:	P-1	***Cell:***	***a*** 10.756(3)	***b*** 11.397(3)	***c*** 17.365(5)
Space Group No.:	2	***(Å,°)***	α 103.58(0)	β 98.41(0)	γ 104.26(0)

R-Factor (%):	5.93	***Temperature(K):***	173	***Density(g/cm^3):***	1.438



$H_3C—OH$

$OHC—NMe_2$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1391

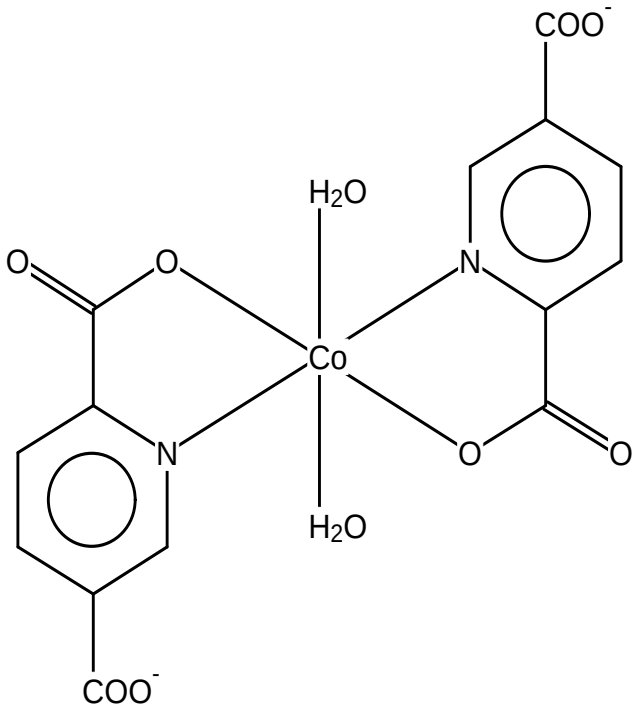
LUGPOT

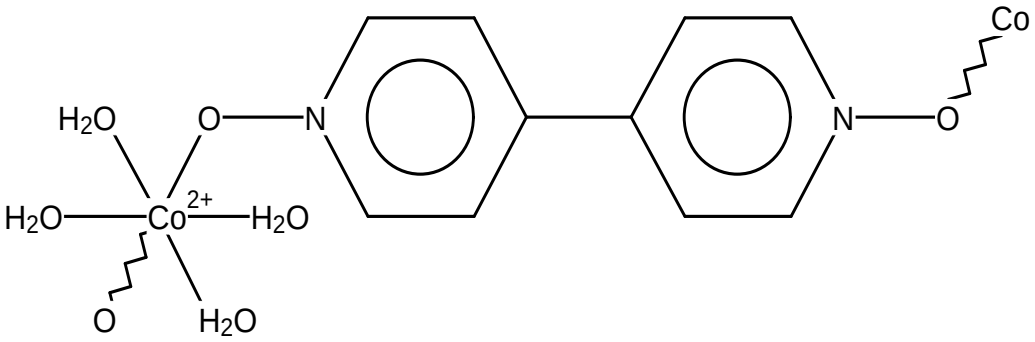
Reference: Dong-E Wang, Zheng-Fang Tian, Feng Wang, Li-Li Wen, Dong-Feng Li (2009) *J.Inorg.Organomet.Polym.Mater.* ,**19,**196

Formula: $(C_{14}\ H_{10}\ Co_1\ N_2\ O_{10}\ ^{2-})n,n(C_{10}\ H_{16}\ Co_1\ N_2\ O_6\ ^{2+}),6n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N'-dioxide)-tetraqua-cobalt(ii) diaqua-bis(pyridine-2,5-dicarboxylato)-cobalt(ii) hexahydrate]

Space Group:	P-1	***Cell:***	***a***	8.619(1)	***b***	8.956(1)	***c*** 11.360(1)
Space Group No.:	2	***(Å,°)***	α	92.79(0)	β	110.26(0)	γ 91.50(0)
R-Factor (%):	3.83	***Temperature(K):***	293	***Density(g/cm^3):***	1.724		





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1392

LUKMAG

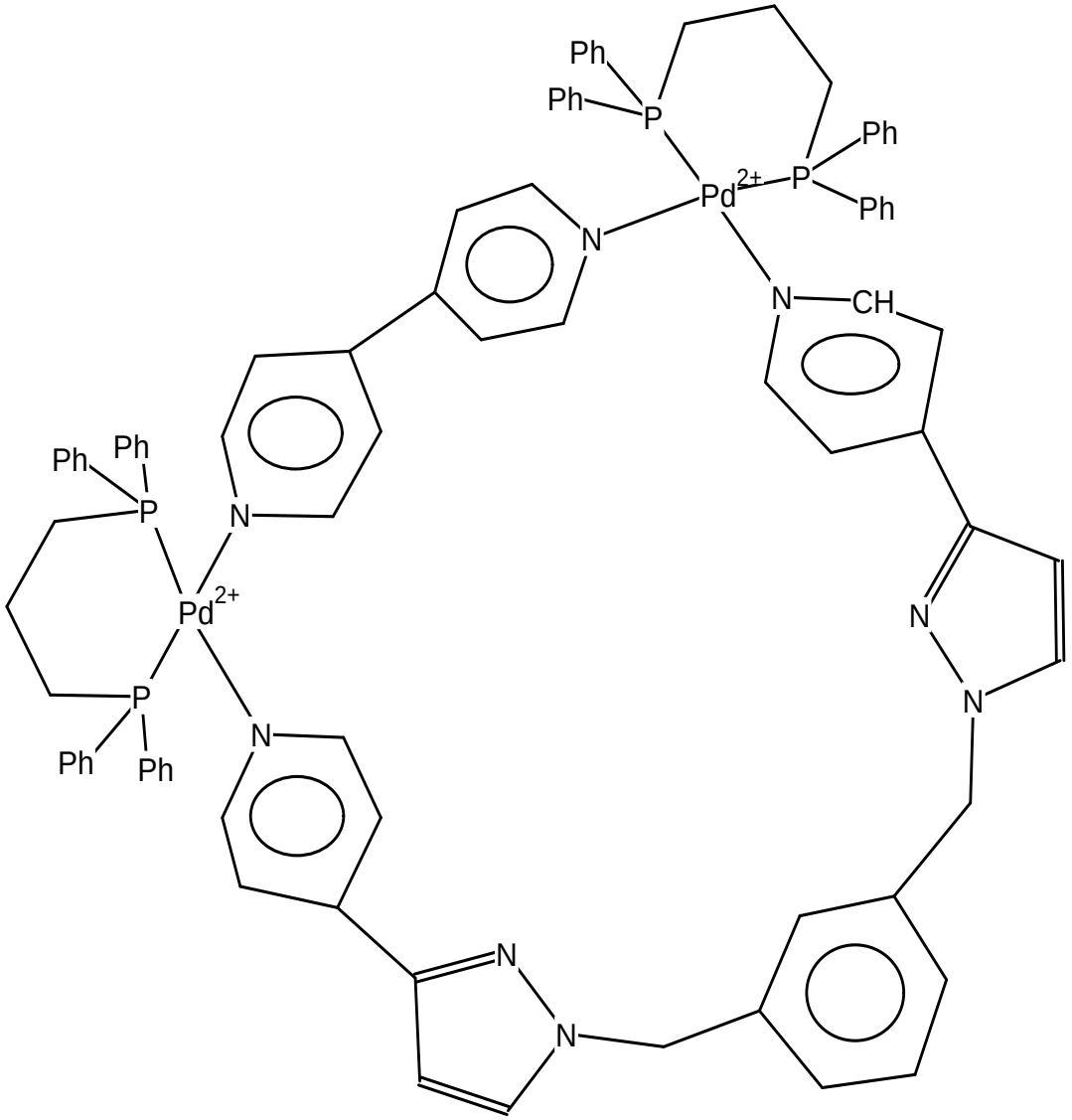
Reference: Jinzhen Lu, D.R.Turner, L.P.Harding, S.R.Batten (2009) *Inorg.Chem. ,***48,**7525

Formula: $C_{88}\ H_{80}\ N_8\ P_4\ Pd_2\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-(μ_2-4,4'-(1,3-phenylenebis(methylene-1H-pyrazole-1,3-diyl))bispyridine)bis(propane-1,3-diylbis(diphenylphosphine))-di-palladium tetrakis(trifluoromethanesulfonate) unknown solvate

Space Group:	Pca21	***Cell:***	***a***	31.748(0)	***b***	13.101(0)	***c***	27.932(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.20 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.248



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1393

LUKMEK

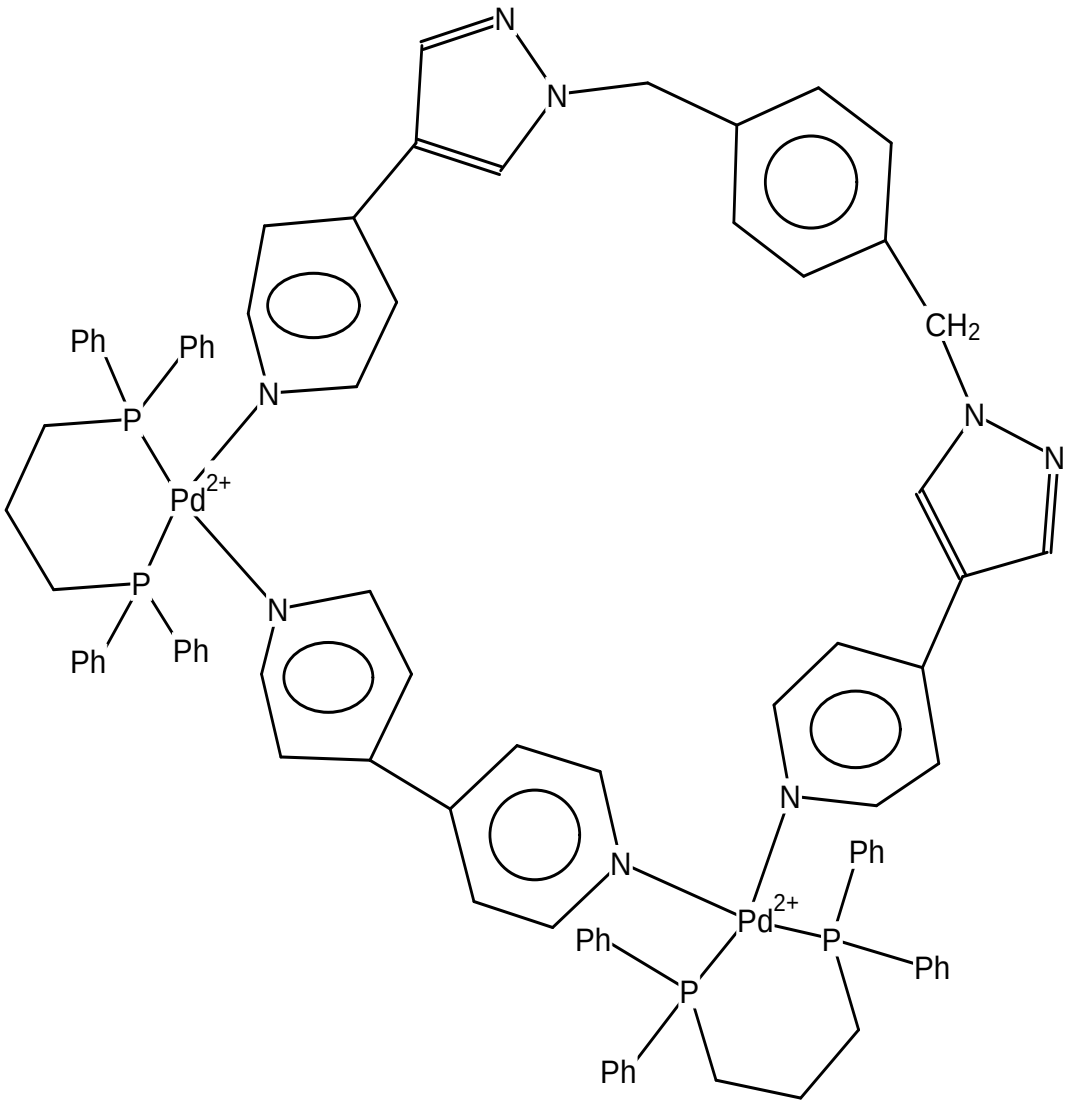
Reference: Jinzhen Lu, D.R.Turner, L.P.Harding, S.R.Batten (2009) *Inorg.Chem. ,***48,**7525

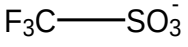
Formula: $C_{88}\ H_{80}\ N_8\ P_4\ Pd_2\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-(μ_2-4,4'-(1,4-phenylenebis(methylene-1H-pyrazole-1,4-diyl))bispyridine)bis(propane-1,3-diylbis(diphenylphosphine))-di-palladium tetrakis(trifluoromethanesulfonate) unknown solvate

Space Group:	C2/m	***Cell:***	***a***	28.064(0)	***b***	23.534(0)	***c***	18.575(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	93.26(0)	γ	90.00

R-Factor (%): 7.33 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.184





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1394

LULGUV

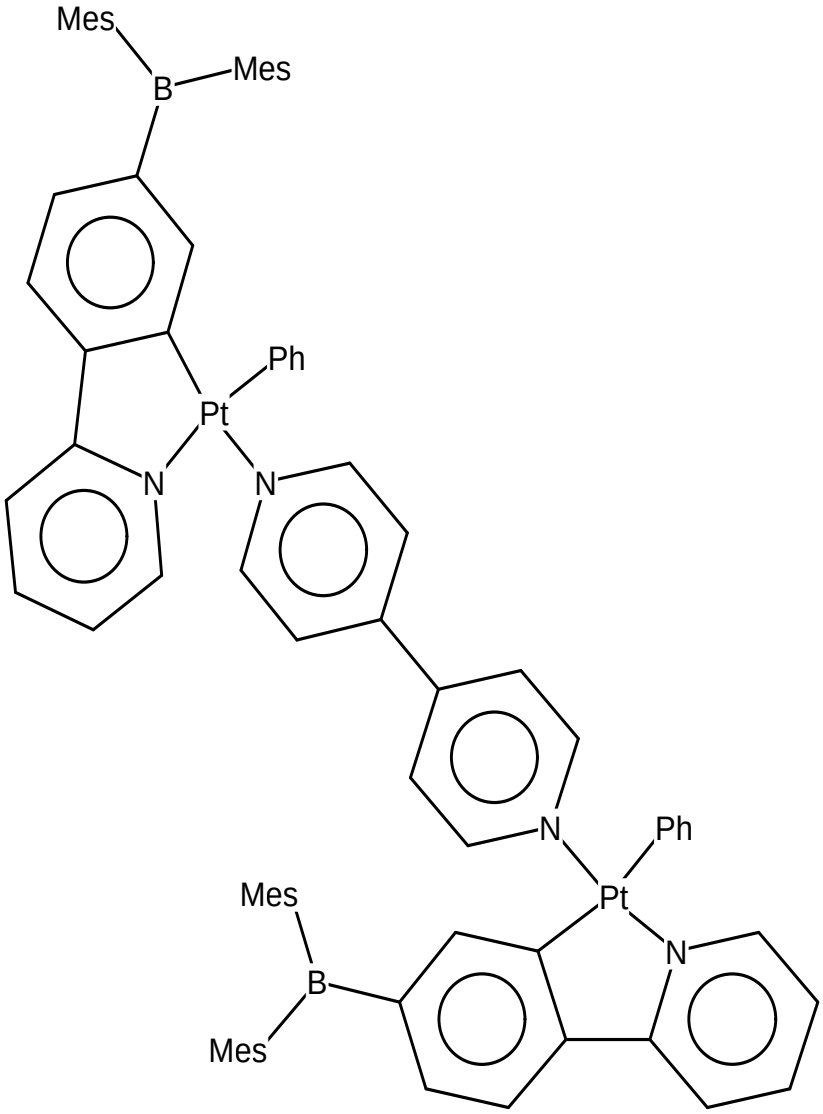
Reference: Ying-Li Rao, Suning Wang (2009) *Inorg.Chem.* ,**48,**7698

Formula: $C_{80}\ H_{76}\ B_2\ N_4\ Pt_2,2(C_3\ H_6\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(5-(dimesitylboryl)-2-(pyridin-2-yl)phenyl)-diphenyl-di-platinum acetone solvate

Space Group:	P21/n	***Cell:***	***a***	17.831(0)	***b*** 8.532(0)	***c***	24.244(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.15(0)	γ	90.00

R-Factor (%): 5.66 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.512



H_3C——COMe

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1395

LULHOQ

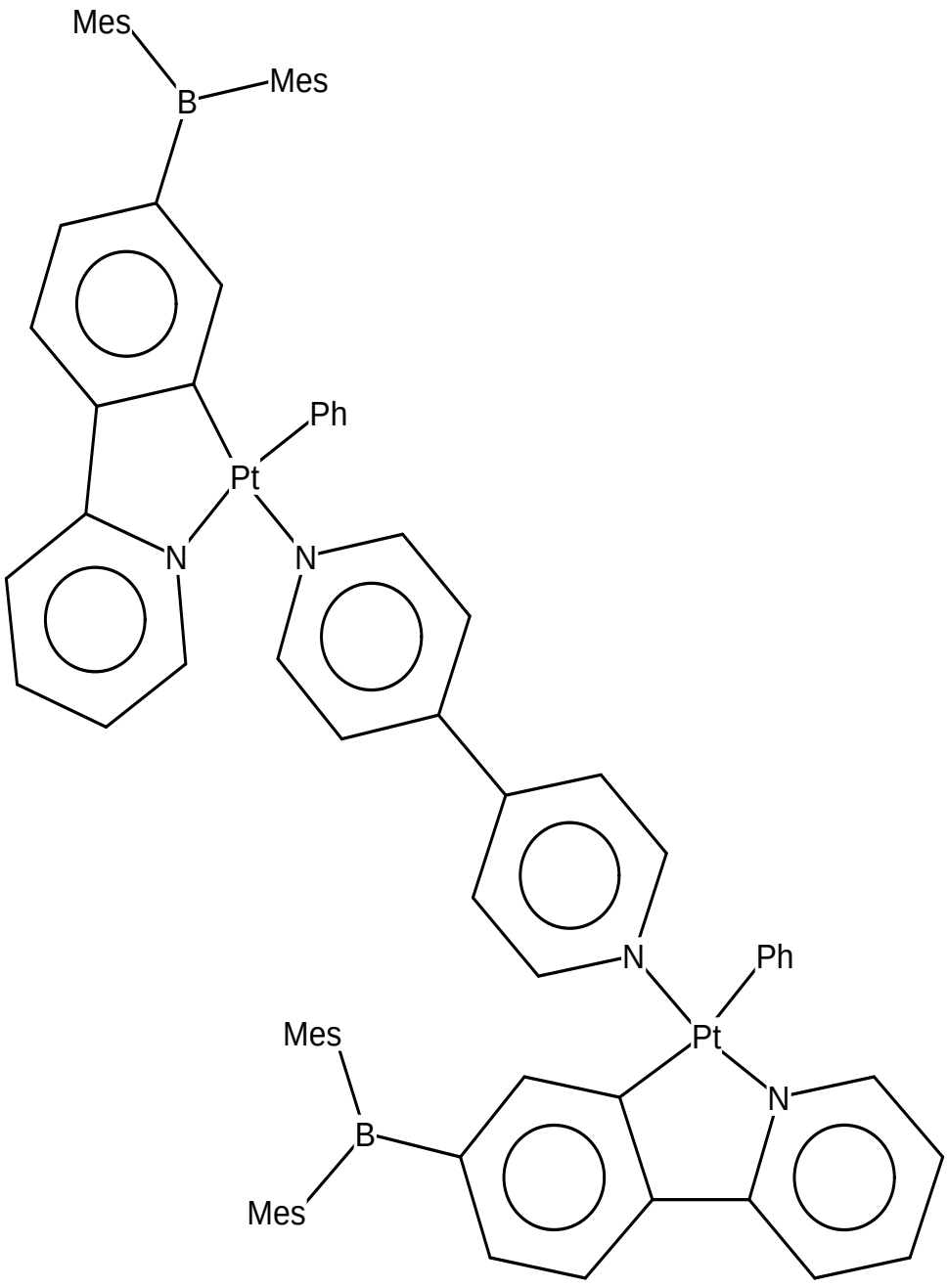
Reference: Ying-Li Rao, Suning Wang (2009) *Inorg.Chem.* ,**48,**7698

Formula: $C_{80}\ H_{76}\ B_2\ N_4\ Pt_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(5-(dimesitylboryl)-2-(pyridin-2-yl)phenyl)-diphenyl-di-platinum unknown solvate

Space Group:	Cmca	***Cell:***	***a***	31.937(5)	***b***	11.050(1)	***c***	21.821(3)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.29 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.298



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1396

LUPGIM

Reference: M.Yu.Antipin, A.B.Ilyukhin, V.Yu.Kotov, B.V.Lokshin, G.B.Seifer, V.F.Chuvaev, A.B.Yaroslavtsev (2002) *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)* ,**47,**1139

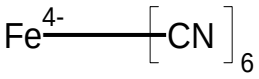
Formula: $H_4\ N_1\ ^{1+}$,1.5($C_{14}\ H_{18}\ N_2\ ^{2+}$),$C_6\ Fe_1\ N_6\ ^{4-}$,13($H_2\ O_1$)

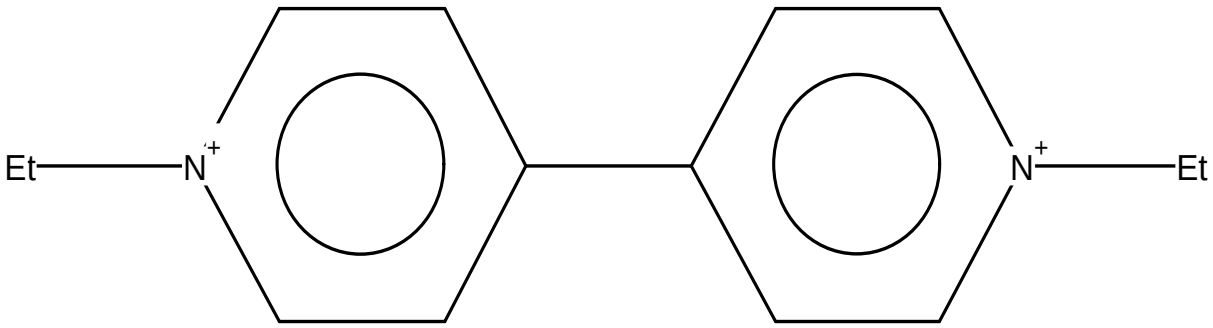
Compound Name: Ammonium sesqui(N,N'-diethyl-4,4'-dipyridinium) hexacyano-iron(ii) tridecahydrate

Synonym: Ammonium sesqui(ethylviologen) hexacyano-iron(ii) tridecahydrate

Space Group:	P-3c1	***Cell:***	***a***	14.958(1)	***b***	14.958(1)	***c***	20.846(5)
Space Group No.:	165	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 6.50 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.292





NH_4^+ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1397

LURFAF

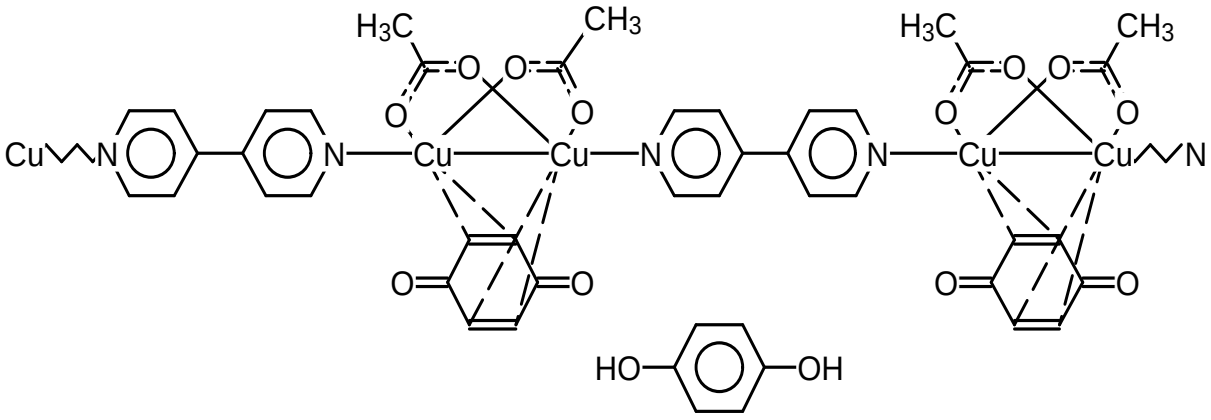
Reference: S.Masaoka, G.Akiyama, S.Horike, S.Kitagawa, T.Ida, K.Endo (2003) *J.Am.Chem.Soc. ,***125,**1152

Formula: $(C_{40}\ H_{36}\ Cu_4\ N_4\ O_{12})n,n(C_6\ H_6\ O_2)$

Compound Name: catena-(bis(μ_2-η^2,η^2-syn-benzoquinone)-tetrakis(μ_2-acetato-O,O')-bis(μ_2-4,4'-bipyridine)-tetra-copper(i) hydroquinone solvate)

Space Group:	P21/c	***Cell:***	***a***	11.965(5)	***b*** 7.090(2)	***c***	26.600(20)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.78(0)	γ	90.00

R-Factor (%): 7.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.802



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1398

LUYGAN

Reference: T.Friscic, L.R.MacGillivray (2003) *J.Organomet.Chem.* , **666,**43

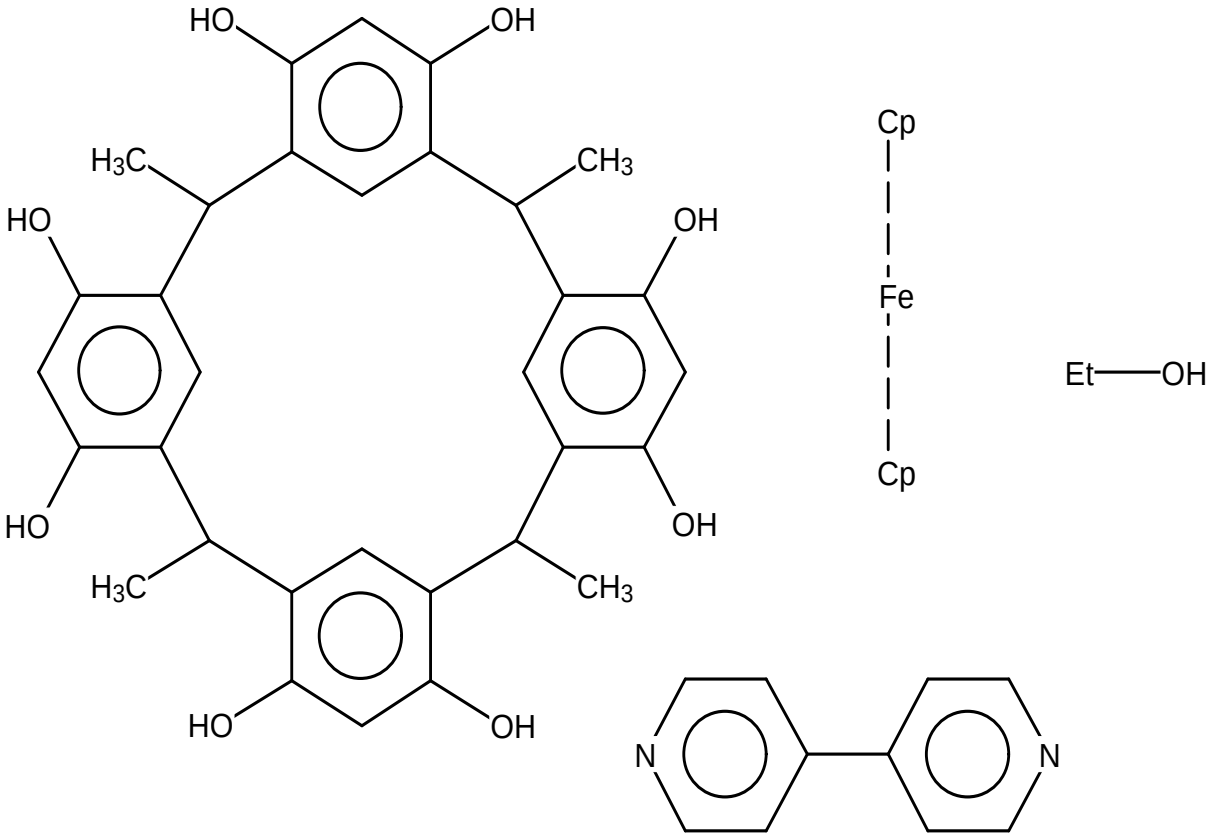
Formula: $2(C_{32}\ H_{32}\ O_8),3(C_{10}\ H_8\ N_2),1.7(C_{10}\ H_{10}\ Fe_1),4.3(C_2\ H_6\ O_1)$

Compound Name: bis(2,8,14,20-Tetramethyl-4,6,10,12,16,18,22,24-octahydroxycalix(4) resorcinarene) tris(4,4'-bipyridyl) ethanol ferrocene clathrate

Synonym: bis(2,8,24,20-tetramethylcalix(4)resorcinarene) tris(4,4'-bipyridyl) ethanol ferrocene clathrate

Space Group:	C2/c	***Cell:***	***a***	22.244(4)	***b***	20.968(4)	***c***	22.381(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.80(3)	γ	90.00

R-Factor (%): 7.59 ***Temperature(K):*** 190 ***Density(g/cm^3):*** 1.321



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1399

LUYHOD

Reference: K.Nakagawa, D.Tanaka, S.Horike, S.Shimomura, M.Higuchi, S.Kitagawa (2010) *Chem.Commun.* ,**46,**4258

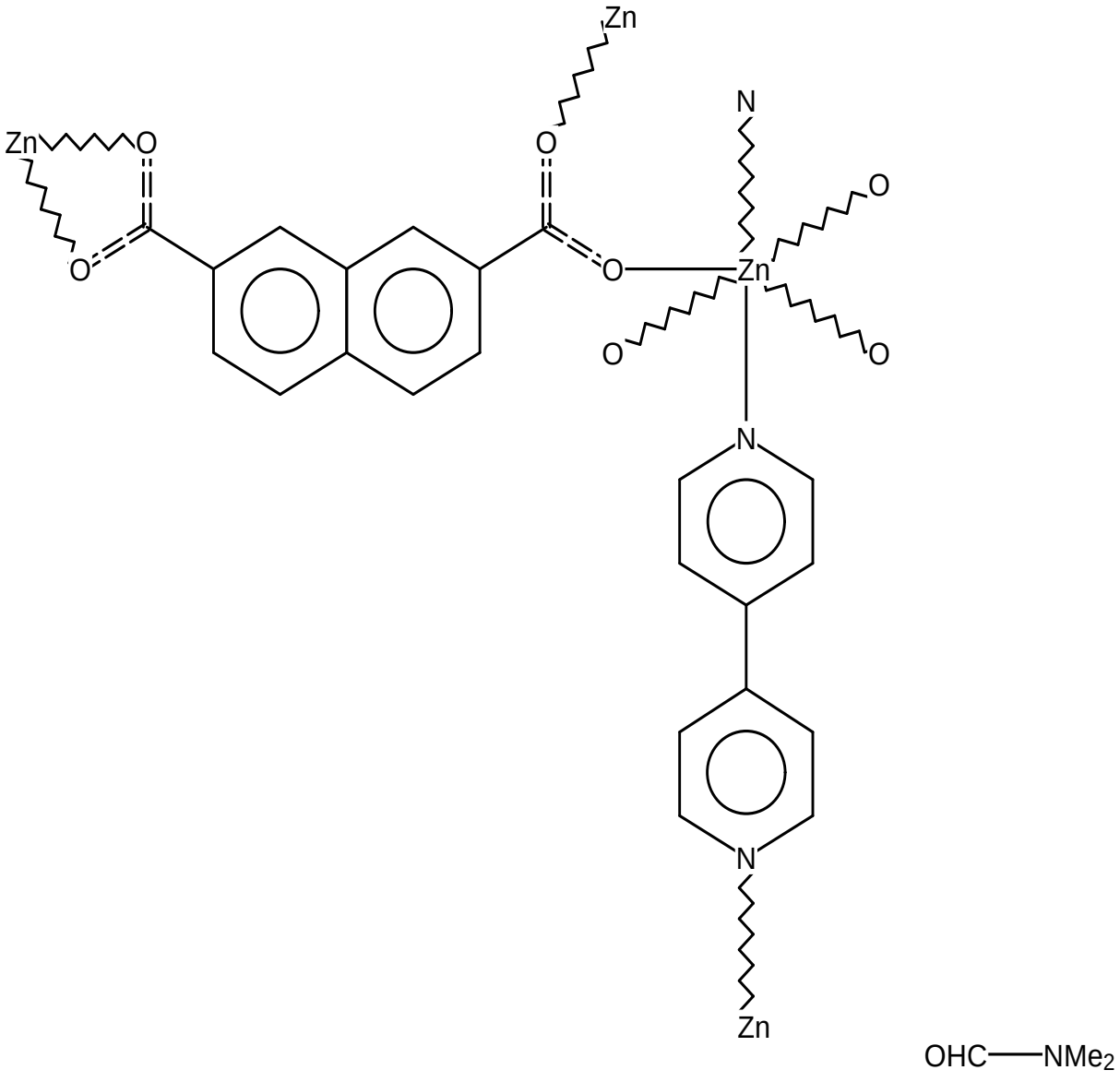
Formula: $(C_{22}\ H_{14}\ N_2\ O_4\ Zn_1)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_3-Naphthalene-2,7-dicarboxylato)-(μ_2-4,4'-bipyridine-N,N')-zinc dimethylformamide clathrate)

Synonym: CID-3 dimethylformamide clathrate

Space Group:	C2/c	***Cell:***	***a***	16.140(40)	***b*** 11.350(30)	***c***	24.670(90)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.11(7)	γ	90.00

R-Factor (%): 7.77 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.530



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1400

LUYJAR

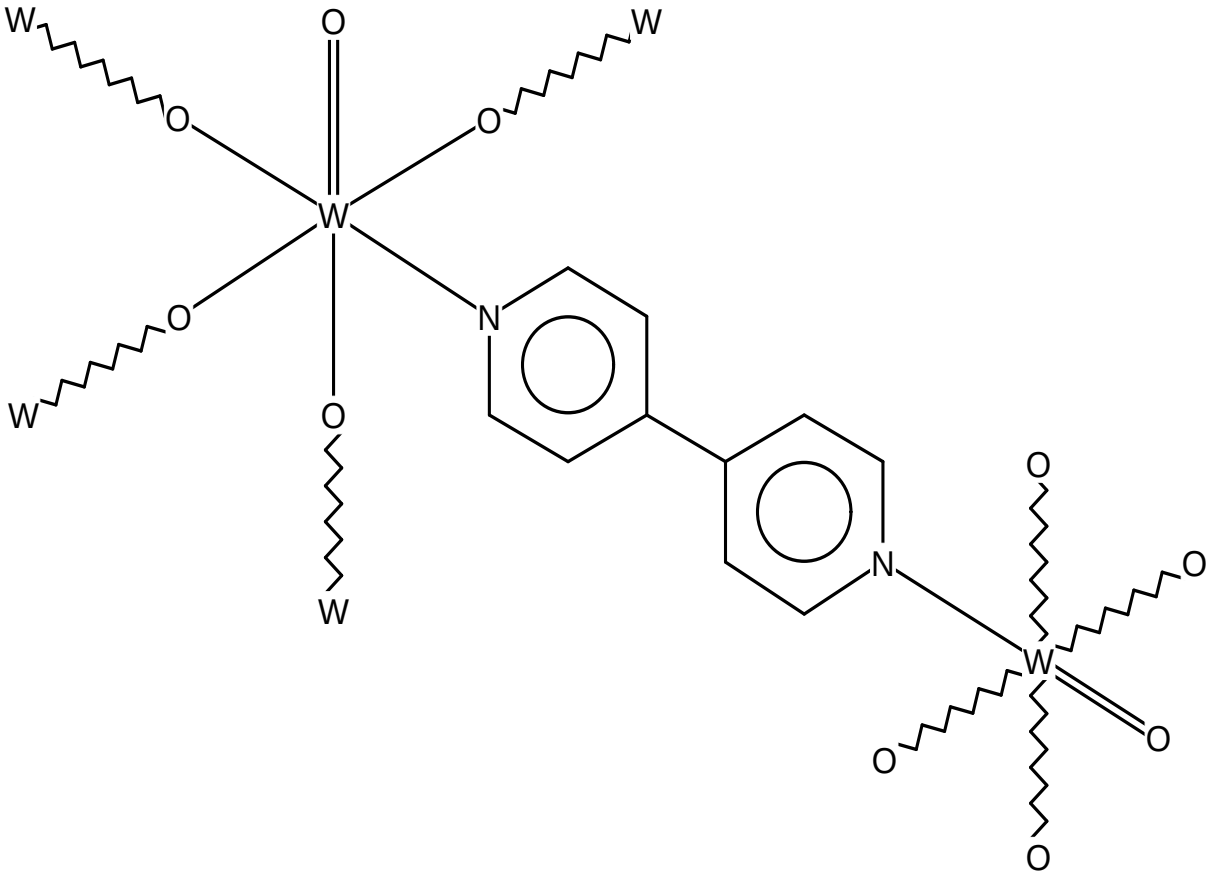
Reference: Islah-u-din, M.R.Fox, H.Martin, G.J.Gainsford, J.Kennedy, A.Markwitz, S.G.Telfer, G.B.Jameson, J.L.Tallon (2010) *Chem.Commun. ,***46,**4261

Formula: $(C_{10}\ H_8\ N_2\ O_6\ W_2)n,0.25n(Na_1)$

Compound Name: catena-(Sodium (μ_2-4,4'-bipyridine-N,N')-tetrakis(μ_2-oxo)-dioxo-di-tungsten)

Space Group:	Pbca	***Cell:***	***a***	7.468(0)	***b***	7.391(0)	***c*** 22.578(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.36 ***Temperature(K):*** 100 ***Density(g/cm3):*** 3.334



Na

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1401

LUYJEV

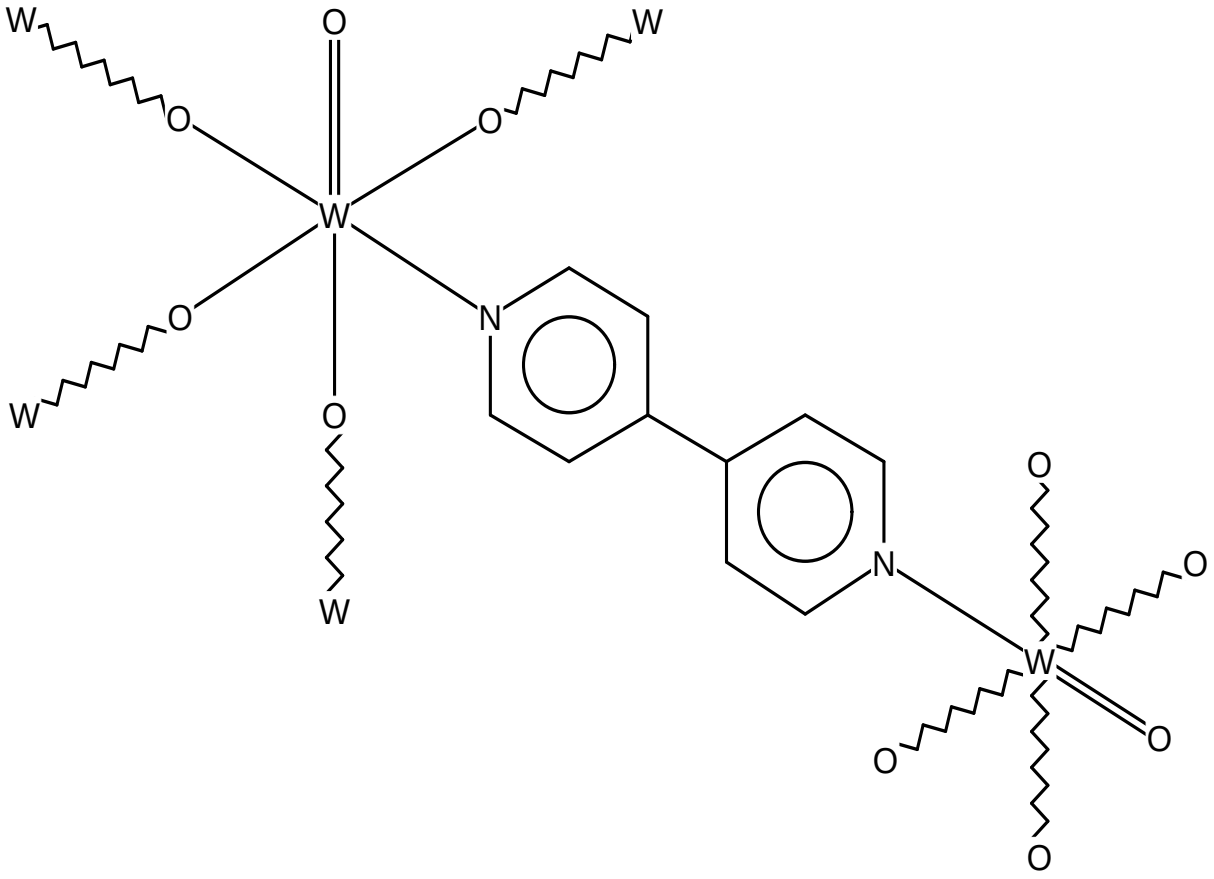
Reference: Islah-u-din, M.R.Fox, H.Martin, G.J.Gainsford, J.Kennedy, A.Markwitz, S.G.Telfer, G.B.Jameson, J.L.Tallon (2010) *Chem.Commun. ,***46,**4261

Formula: $(C_{10}\ H_8\ N_2\ O_6\ W_2)n,0.26n(Na_1)$

Compound Name: catena-(Sodium (μ_2-4,4'-bipyridine-N,N')-tetrakis(μ_2-oxo)-dioxo-di-tungsten)

Space Group:	Pbca	***Cell:***	***a***	7.485(0)	***b***	7.409(0)	***c*** 22.626(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.31 ***Temperature(K):*** 293 ***Density(g/cm3):*** 3.313



Na

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1402

LUZHET

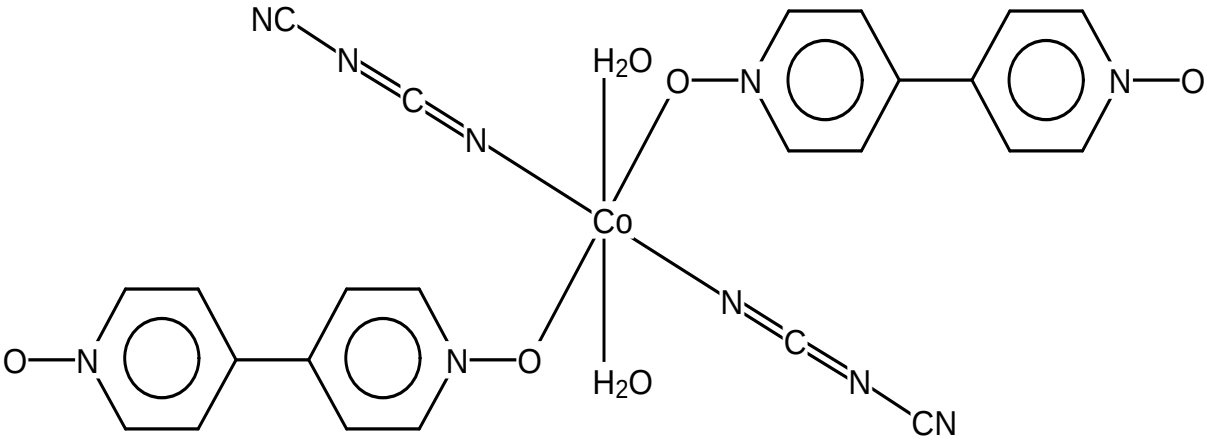
Reference: A.Nedelcu, Z.Zak, A.M.Madalan, J.Pinkas, M.Andruh (2003) *Polyhedron* ,**22,**789

Formula: $C_{24}\ H_{20}\ Co_1\ N_{10}\ O_6$

Compound Name: Diaqua-bis(4,4'-bipyridine-N,N'-dioxide-O)-bis(dicyanamido)-cobalt(ii)

Space Group:	P-1	***Cell:***	***a***	8.100(1)	***b***	8.728(1)	***c*** 9.440(1)
Space Group No.:	2	***(Å,°)***	α	71.19(1)	β	79.05(1)	γ 72.96(1)

R-Factor (%): 2.87 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.668



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1403

LUZHET01

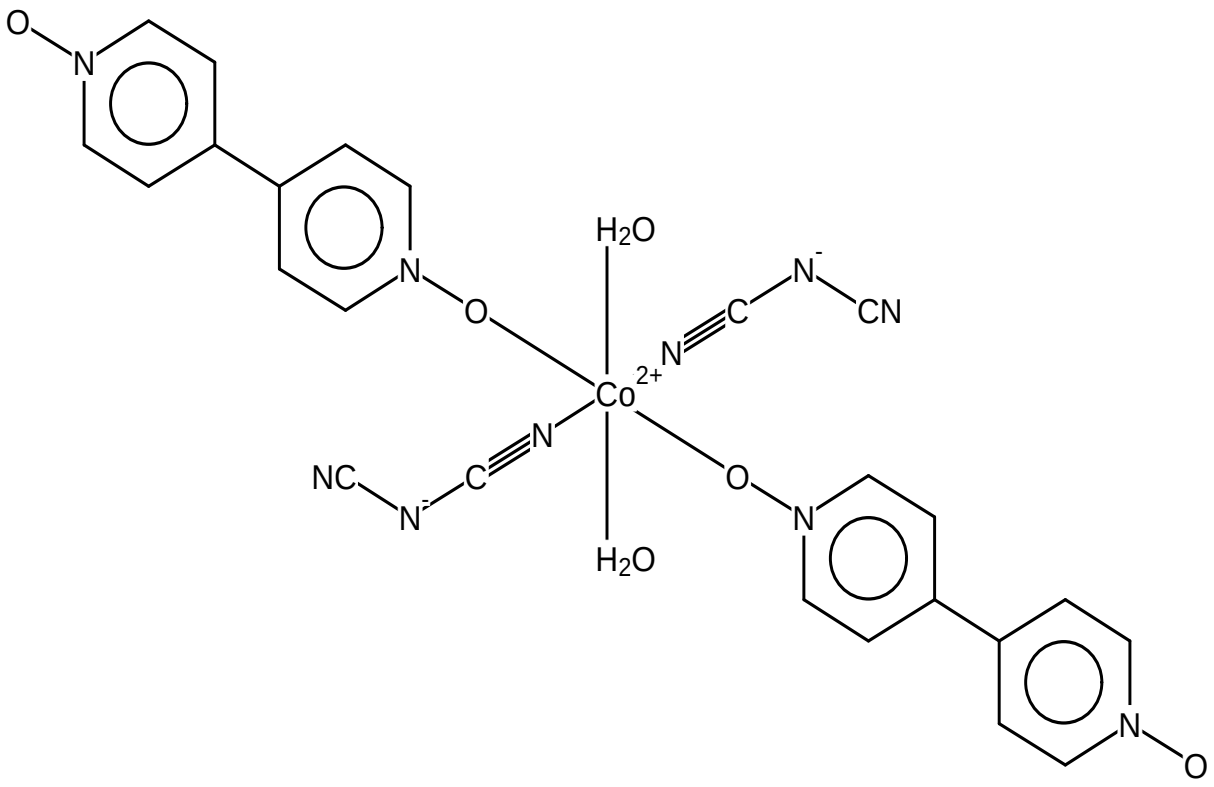
Reference: Q.-H.Zhao, Y.-Q.Liu, M.-S.Zhang, R.-B.Fang (2007)
Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.) ,**48,**564

Formula: $C_{24}\ H_{20}\ Co_1\ N_{10}\ O_6$

Compound Name: bis(4,4'-Bipyridyl-N,N'-dioxide)-diaqua-bis(dicyanamido)-cobalt(ii)

Space Group:	P-1	***Cell:***	***a***	8.158(8)	***b***	8.865(8)	***c***	9.477(9)
Space Group No.:	2	***(Å,°)***	α	70.99(1)	β	78.78(1)	γ	71.96(1)

R-Factor (%):	7.51	***Temperature(K):***	295	***Density(g/cm^3):***	1.635



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1404

LUZHIX

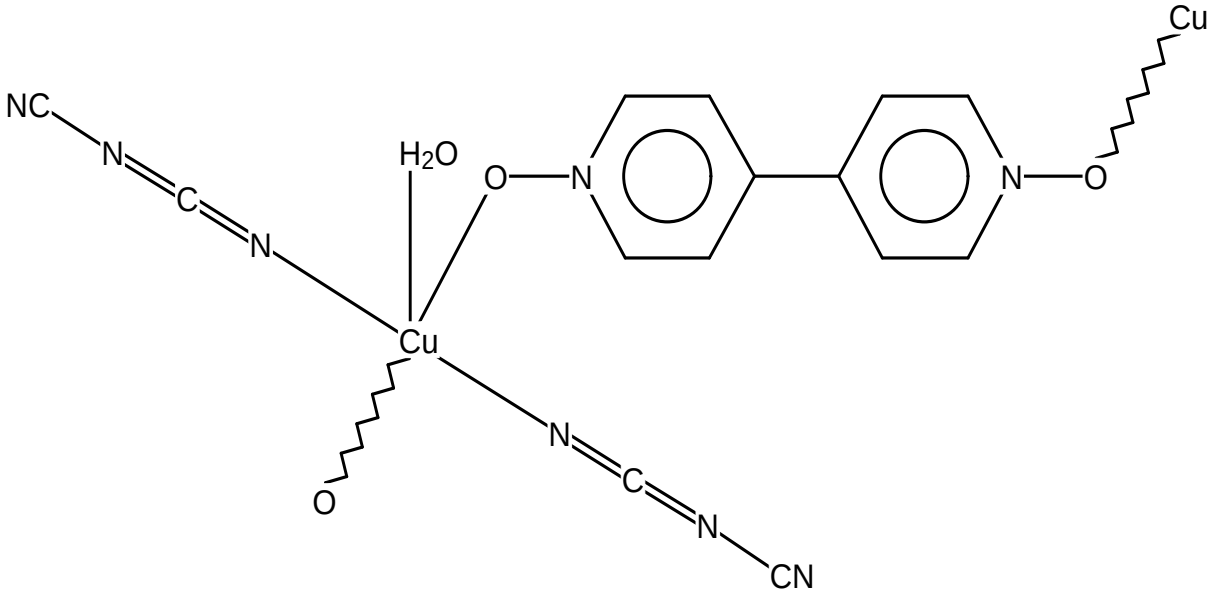
Reference: A.Nedelcu, Z.Zak, A.M.Madalan, J.Pinkas, M.Andruh (2003) *Polyhedron* ,**22,**789

Formula: $(C_{14}\ H_{10}\ Cu_1\ N_8\ O_3)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-aqua-bis(dicyanamido)-copper(ii))

Space Group:	P-1	***Cell:***	***a***	8.359(1)	***b***	8.905(1)	***c***	12.006(1)
Space Group No.:	2	***(Å,°)***	α	69.44(1)	β	70.15(1)	γ	78.20(1)

R-Factor (%): 2.40 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1405

MABJOP

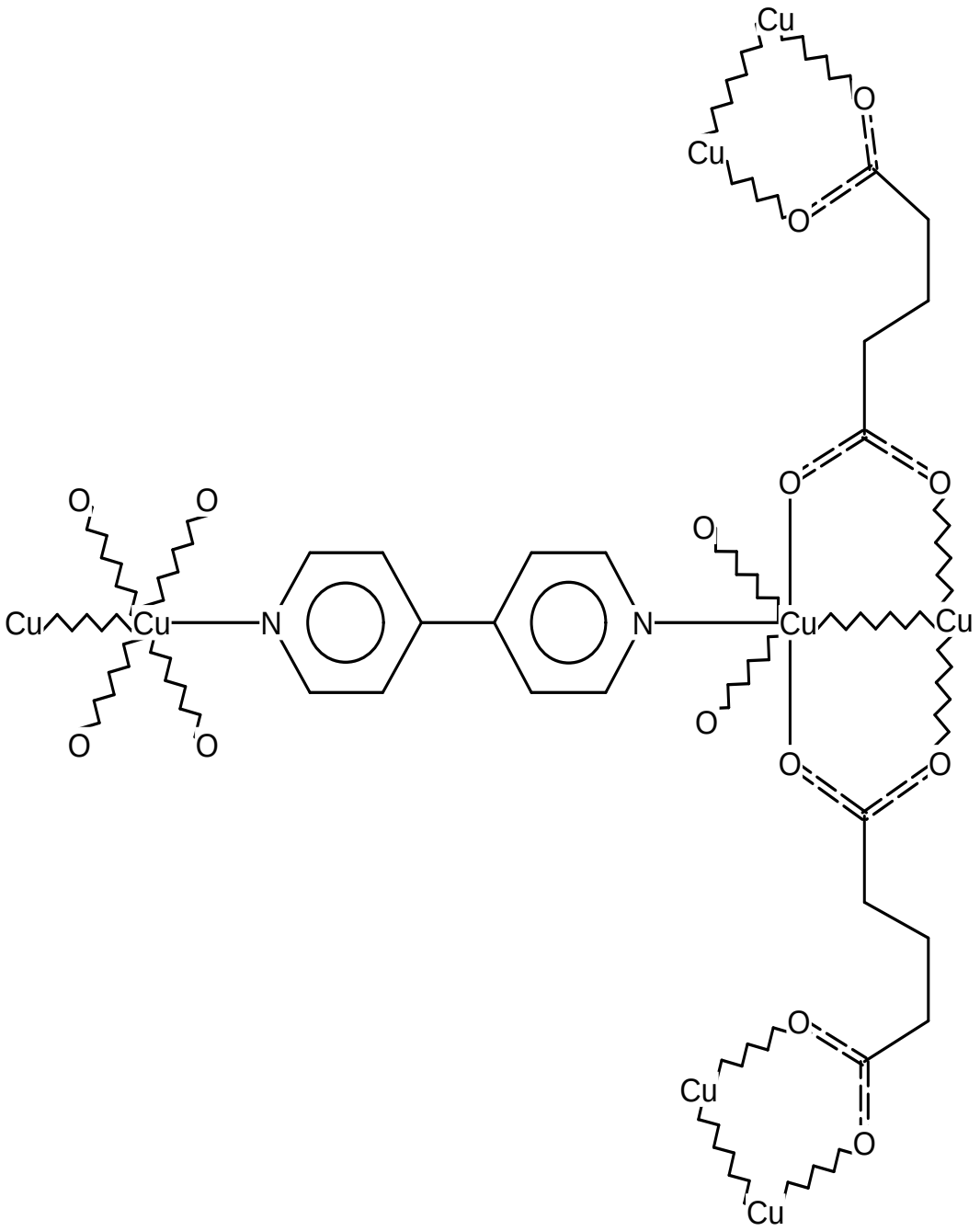
Reference: B.Rather, M.J.Zaworotko (2003) *Chem.Commun.* ,830

Formula: $(C_{20}\ H_{20}\ Cu_2\ N_2\ O_8)n$

Compound Name: catena-[bis(μ_4-Glutarato)-(μ_2-4,4'-bipyridyl)-di-copper]

Space Group:	C2/c	***Cell:***	***a***	21.011(2)	***b*** 13.052(1)	***c***	8.528(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.68(0)	γ	90.00

R-Factor (%): 3.42 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.571



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1406

MABJUV

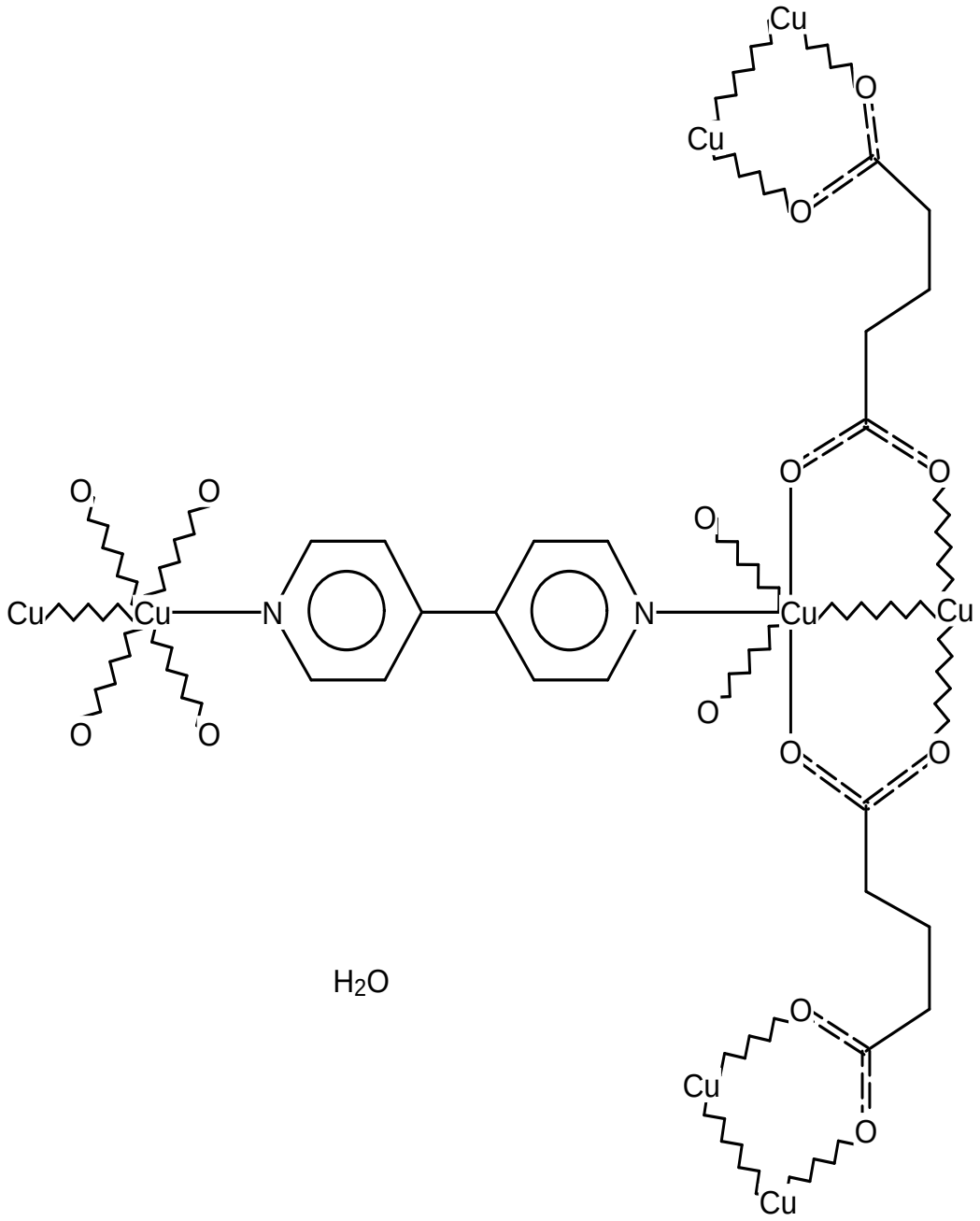
Reference: B.Rather, M.J.Zaworotko (2003) *Chem.Commun.* ,830

Formula: $(C_{20}\ H_{20}\ Cu_2\ N_2\ O_8)n,3n(H_2\ O_1)$

Compound Name: catena-[bis(μ_4-Glutarato)-(μ_2-4,4'-bipyridyl)-di-copper trihydrate clathrate]

Space Group:	C2/c	***Cell:***	***a***	21.351(2)	***b*** 13.138(1)	***c***	8.570(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.01(0)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.682



Search: search1 (Thu May 26 10:05:42 2011): Hit 1407

MABJUV01

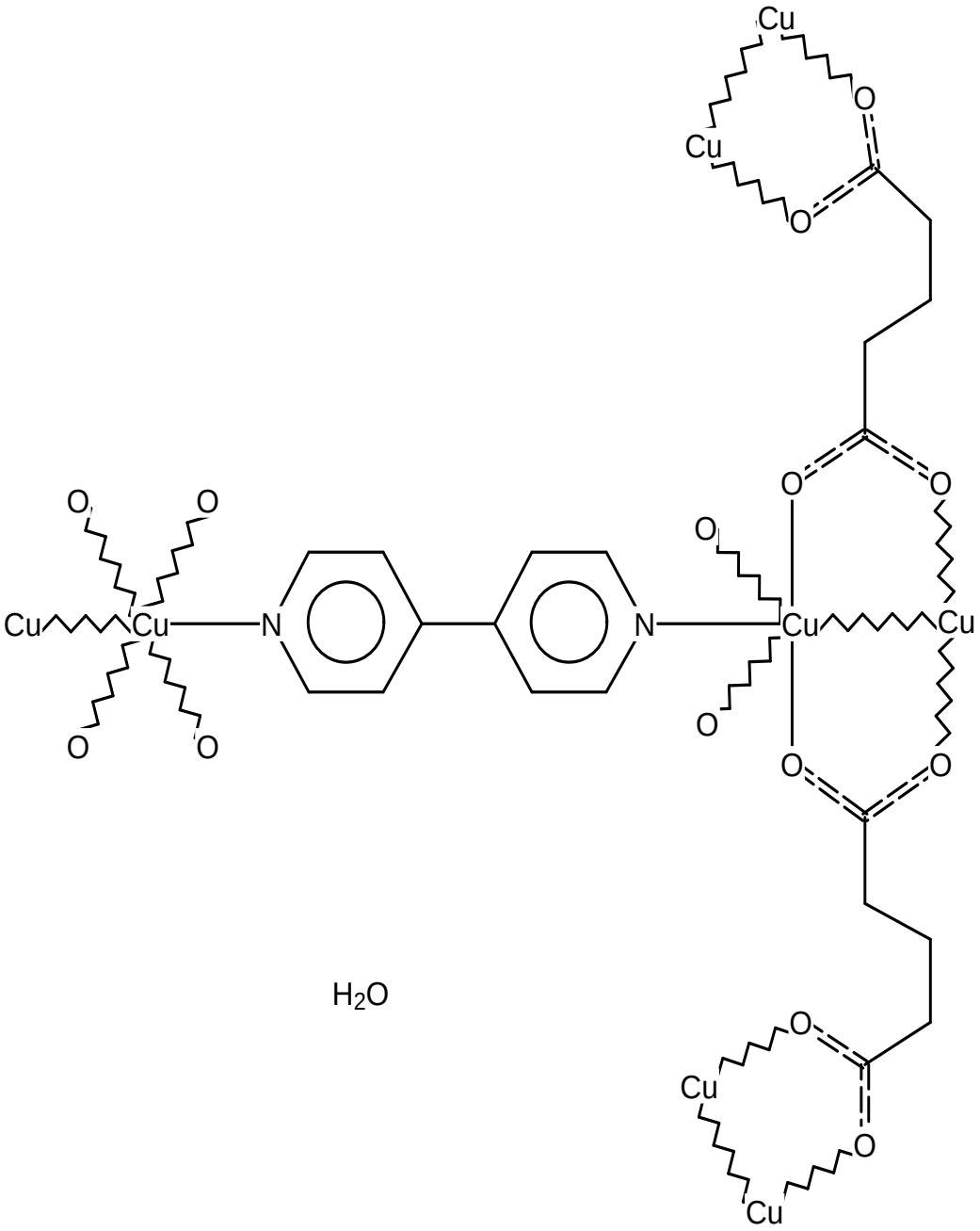
Reference: B.Rather, M.J.Zaworotko (2003) *Chem.Commun.* ,830

Formula: $(C_{20}\ H_{20}\ Cu_2\ N_2\ O_8)n,3n(H_2\ O_1)$

Compound Name: catena-[bis(μ_4-Glutarato)-(μ_2-4,4'-bipyridyl)-di-copper trihydrate clathrate]

Space Group:	C2/c	***Cell:***	***a***	21.191(2)	***b*** 13.190(1)	***c***	8.521(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.31(0)	γ	90.00

R-Factor (%): 3.76 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.694



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1408

MABLAD

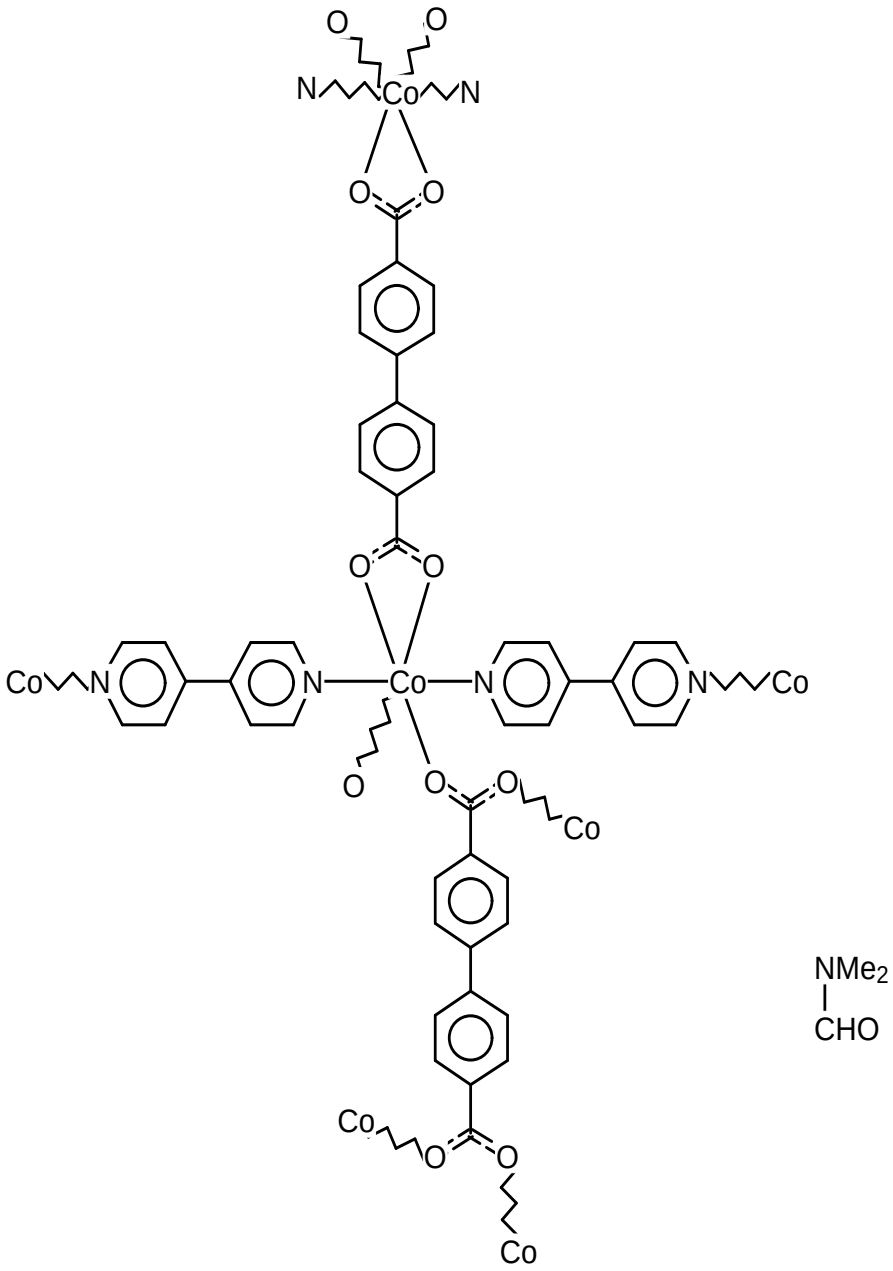
Reference: Long Pan, Haiming Liu, S.P.Kelly, Xiaoying Huang, David H.Olson, Jing Li (2003) *Chem.Commun.* ,854

Formula: $(C_{48}\ H_{32}\ Co_2\ N_4\ O_8)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[(μ_4-Biphenyl-4,4'-dicarboxylato)-(μ_2-biphenyl-4,4'-dicarboxylato) -bis(μ_2-4,4'-bipyridyl)-di-cobalt dimethylformamide clathrate]

Space Group:	C2/c	***Cell:***	***a***	9.523(2)	***b***	20.618(4)	***c***	25.874(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.20(3)	γ	90.00

R-Factor (%):	12.28	***Temperature(K):***	293	***Density(g/cm^3):***	1.294



Search: search1 (Thu May 26 10:05:42 2011): Hit 1409

MAHPEQ

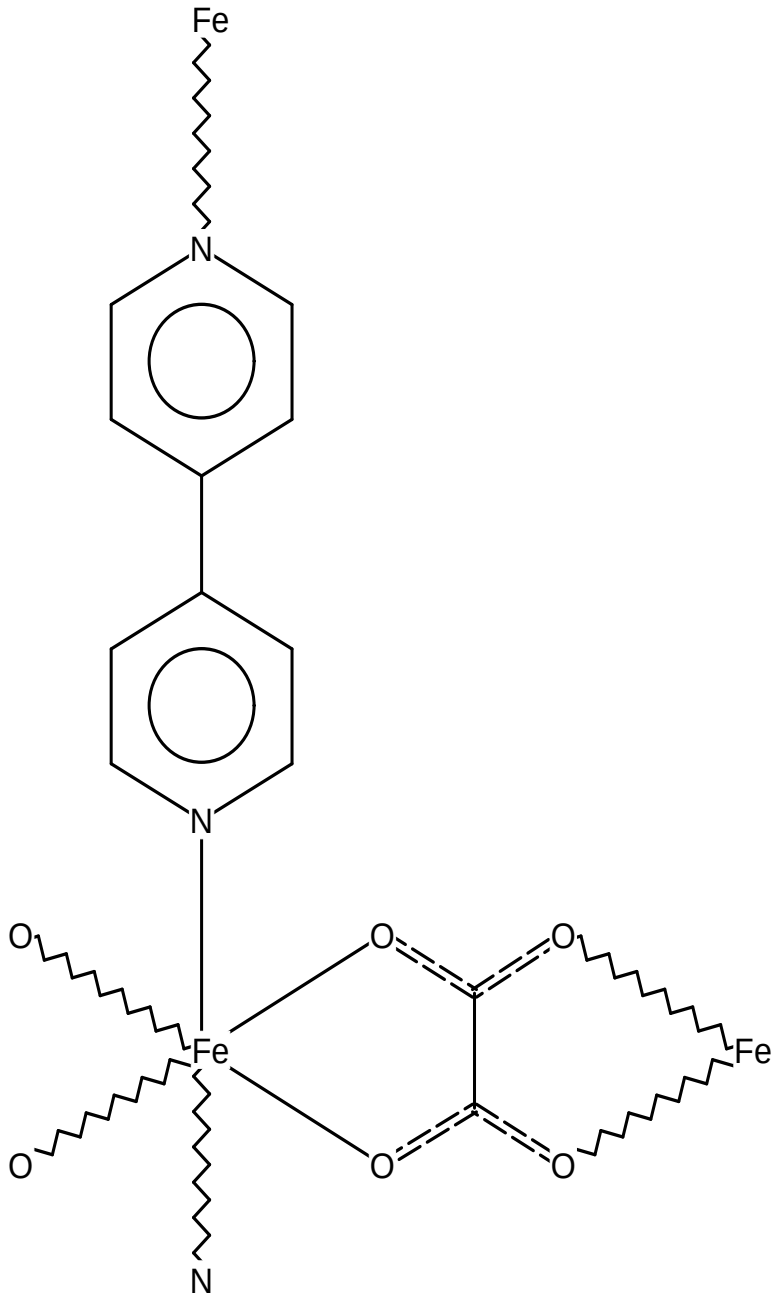
Reference: J.Y.Lu, M.A.Lawandy, Jing Li, Tan Yuen, C.L.Lin (1999)
*Inorg.Chem. ,***38,**2695

Formula: $(C_{12}\ H_8\ Fe_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-oxalato)-iron(ii))

Space Group:	Immm	***Cell:***	***a***	5.476(1)	***b***	10.946(2)	***c***	11.471(2)
Space Group No.:	71	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.449



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1410

MAHPOA

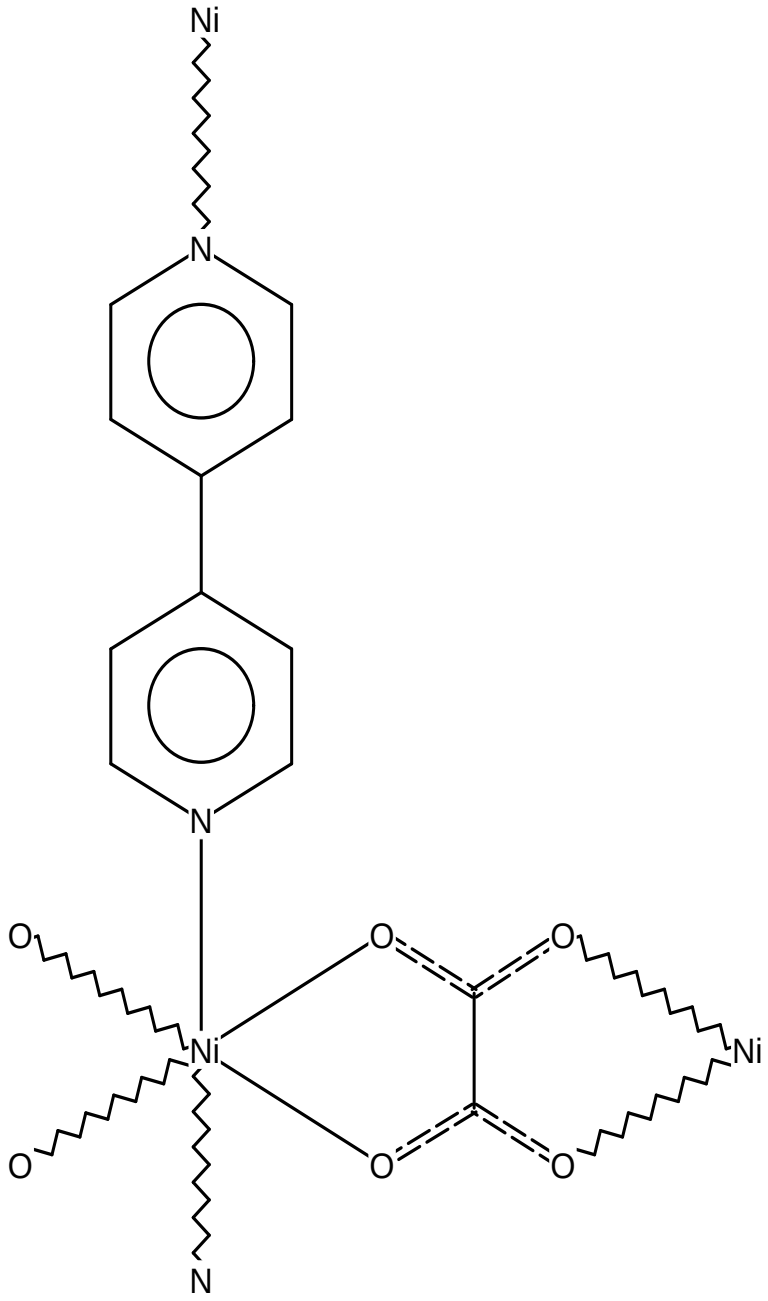
Reference: J.Y.Lu, M.A.Lawandy, Jing Li, Tan Yuen, C.L.Lin (1999) *Inorg.Chem. ,***38,**2695

Formula: $(C_{12}\ H_8\ N_2\ Ni_1\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-oxalato)-nickel(ii))

Space Group:	Immm	***Cell:***	***a***	5.303(1)	***b***	10.955(2)	***c***	11.257(2)
Space Group No.:	71	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.538



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1411

MAHPUG

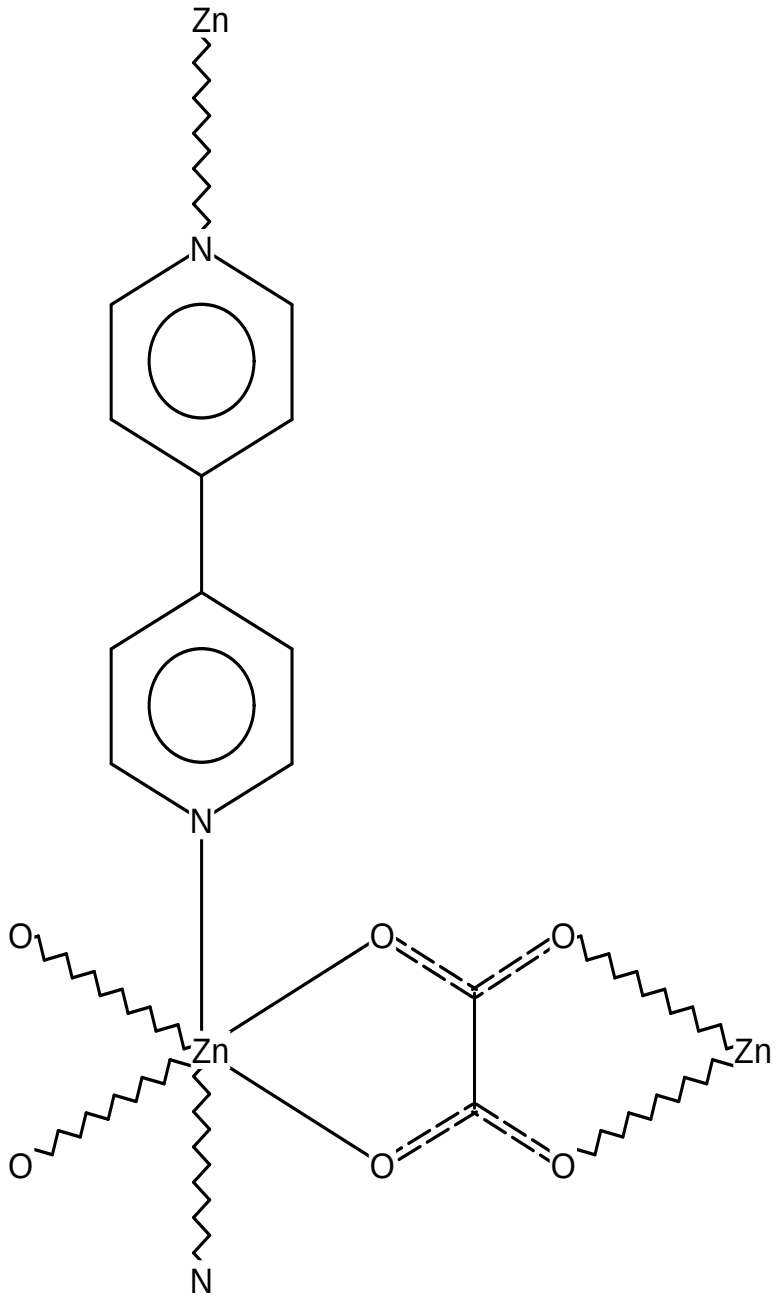
Reference: J.Y.Lu, M.A.Lawandy, Jing Li, Tan Yuen, C.L.Lin (1999) *Inorg.Chem. ,***38,**2695

Formula: $(C_{12}\ H_8\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-oxalato)-zinc(ii))

Space Group:	Immm	***Cell:***	***a***	5.378(1)	***b***	10.967(2)	***c***	11.443(2)
Space Group No.:	71	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1412

MAHRET

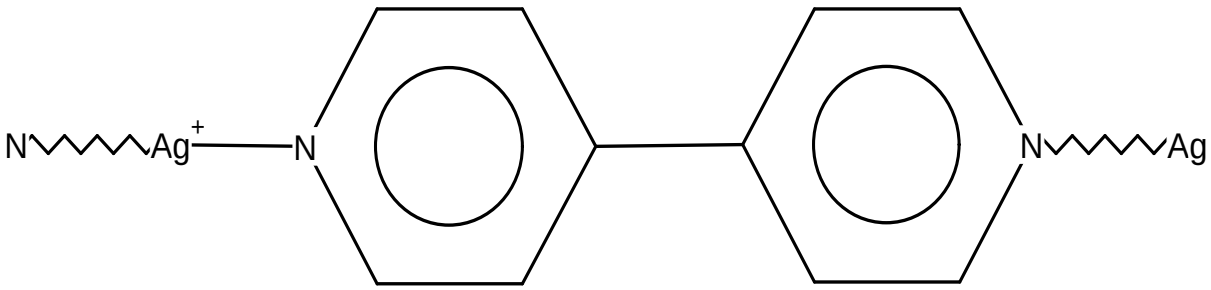
Reference: Li-Shi Wang, Jin-Feng Zhang, Shi-Ping Yang (2004)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**60,**m1484

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-silver(i) perchlorate)

Space Group:	P-1	***Cell:***	***a***	8.181(8)	***b***	8.747(4)	***c*** 8.921(7)
Space Group No.:	2	***(Å,°)***	α	80.35(1)	β	74.64(1)	γ 73.48(1)

R-Factor (%): 4.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.056



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1413

MAHYOK

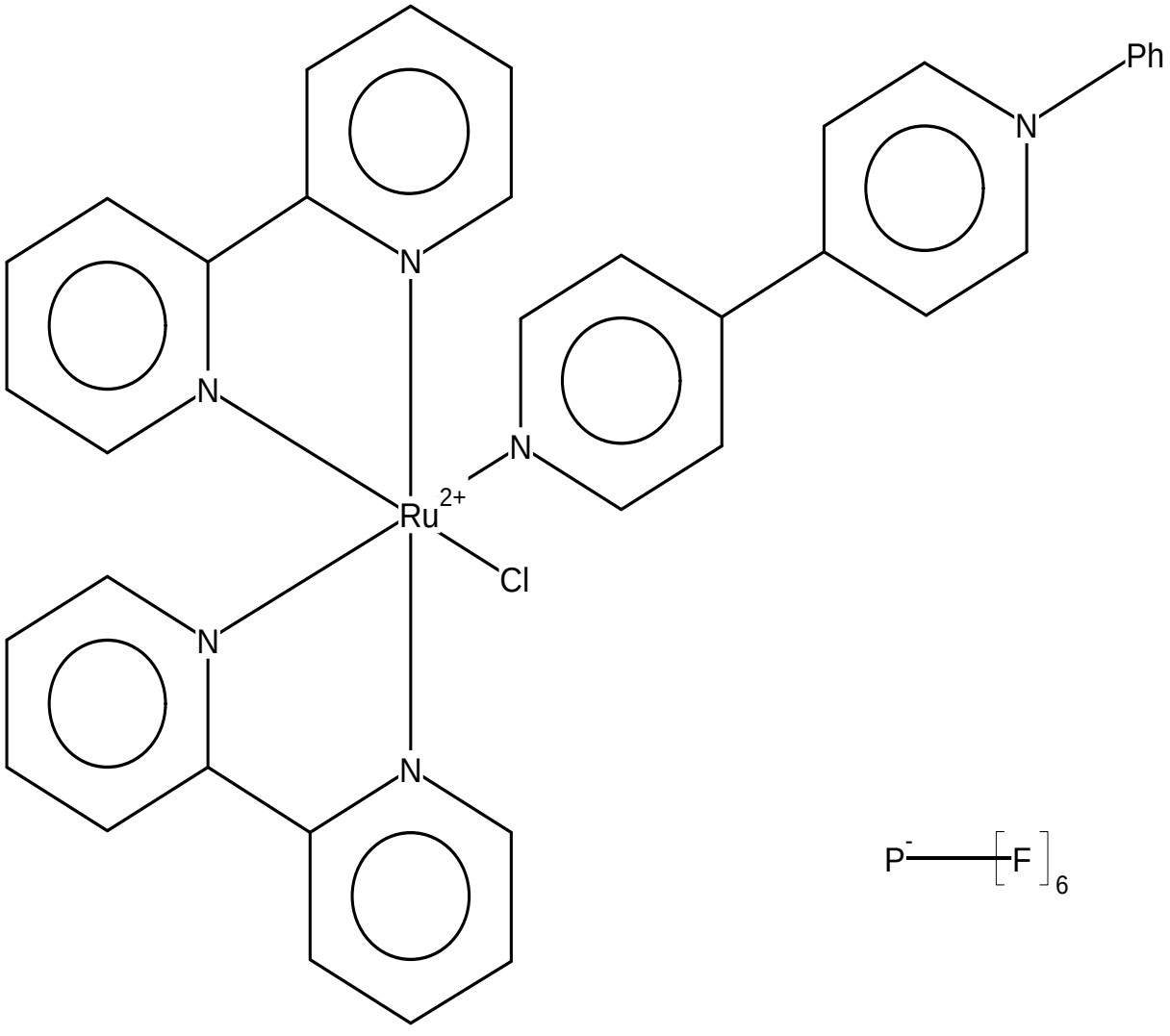
Reference: B.J.Coe, N.R.M.Curati, S.R.Grabowski, P.N.Horton, M.B.Hursthouse (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***60,** m1562

Formula: $C_{36}\ H_{29}\ Cl_1\ N_6\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: cis-bis(2,2'-Bipyridyl-κ^2N,N')chloro(1-phenyl-4,4'-bipyridinium-κN$^{1'}$) ruthenium(ii) bis(hexafluorophosphate)

Space Group:	P21/c	***Cell:***	***a***	12.687(3)	***b*** 23.424(17)	***c***	12.956(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.80(4)	γ	90.00

R-Factor (%): 5.98 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.735



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1414

MAJBOP

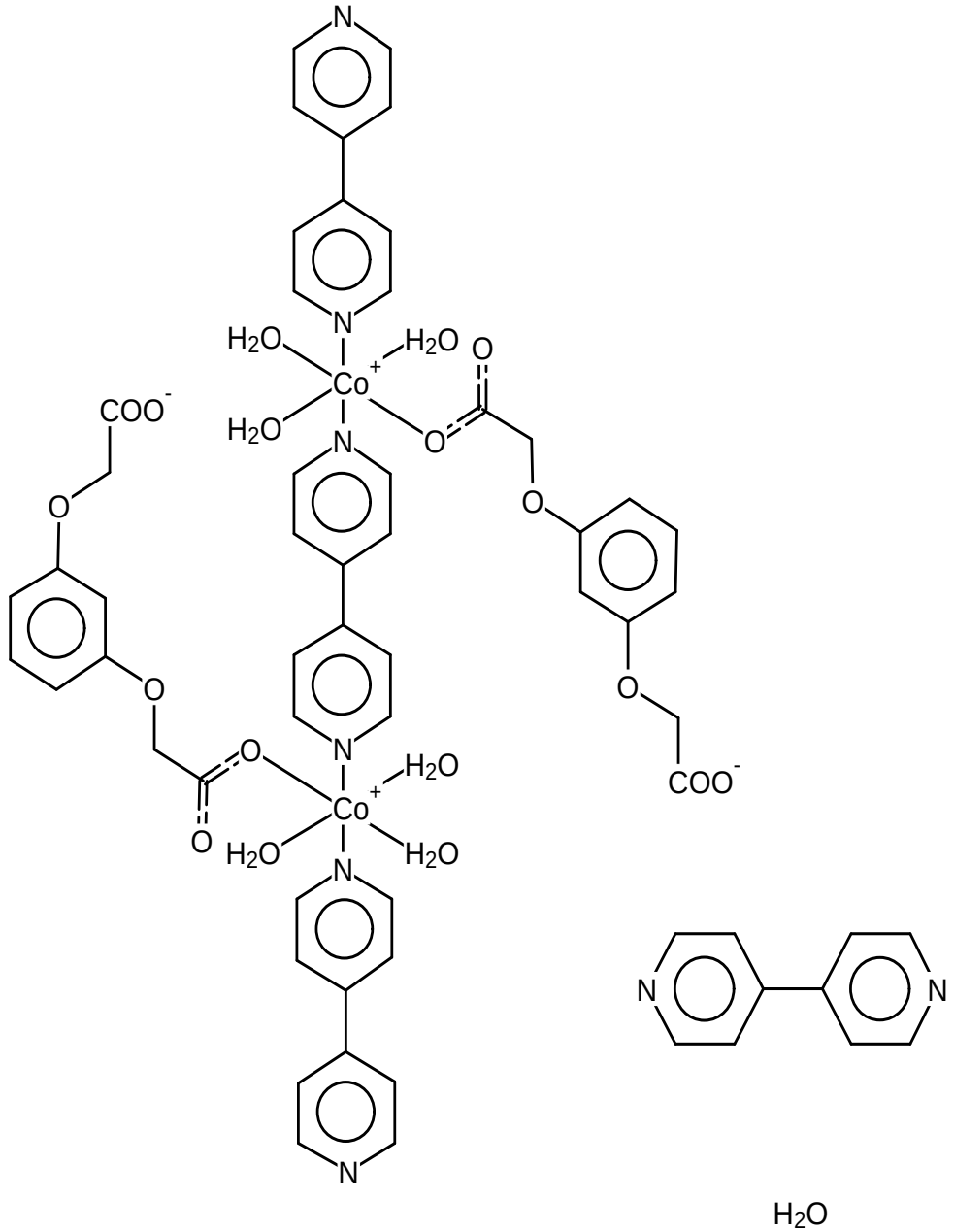
Reference: Shan Gao, Ji-Wei Liu, Li-Hua Huo, Hui Zhao, S.W.Ng (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***60,**m1590

Formula: $C_{50}\ H_{52}\ Co_2\ N_6\ O_{18}$,$C_{10}\ H_8\ N_2$,7($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridine)-bis(1,3-phenyldi(oxyacetato-O)-hexa-aqua-di-cobalt(ii) 4,4'-bipyridine heptahydrate

Space Group:	C2	***Cell:***	***a***	34.738(4)	***b*** 7.450(2)	***c***	12.929(4)
Space Group No.:	5	***(Å,°)***	α	90.00	β 106.23(2)	γ	90.00

R-Factor (%): 3.18 ***Temperature(K):*** 275 ***Density(g/cm^3):*** 1.473



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1415

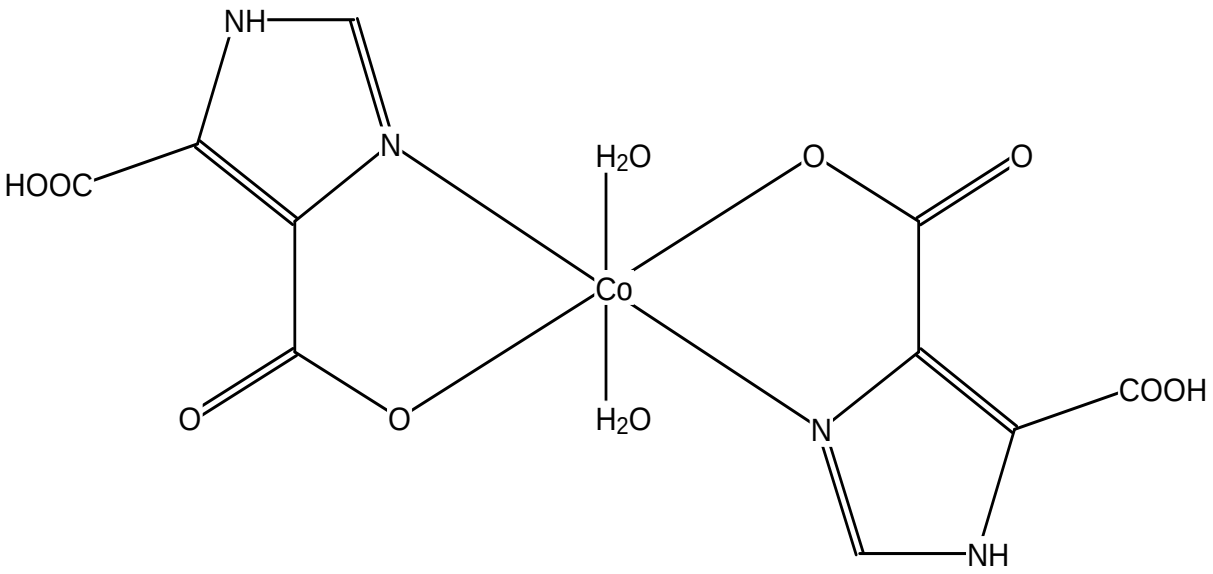
MAJKOY

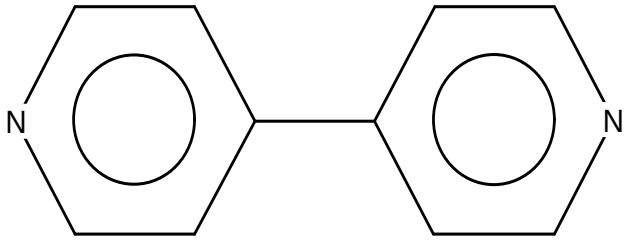
Reference: Yu-Ling Wang, Rong Cao, Wen-Hua Bi (2004)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***60,**m609

Formula: $C_{10}\,H_{10}\,Co_1\,N_4\,O_{10}$,$C_{10}\,H_8\,N_2$

Compound Name: trans-Diaquabis(5-carboxy-1H-imidazole-4-carboxylato-κ^2N^3,O^4) cobalt(ii) 4,4'-bipyridine solvate

Space Group:	P-1	***Cell:***	***a***	4.971(2)	***b***	6.558(3)	***c*** 17.274(8)
Space Group No.:	2	***(Å,°)***	α	86.01(0)	β	86.73(0)	γ 72.53(0)
R-Factor (%):	3.42	***Temperature(K):***	293	***Density(g/cm^3):***	1.741		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1416

MAKYAZ

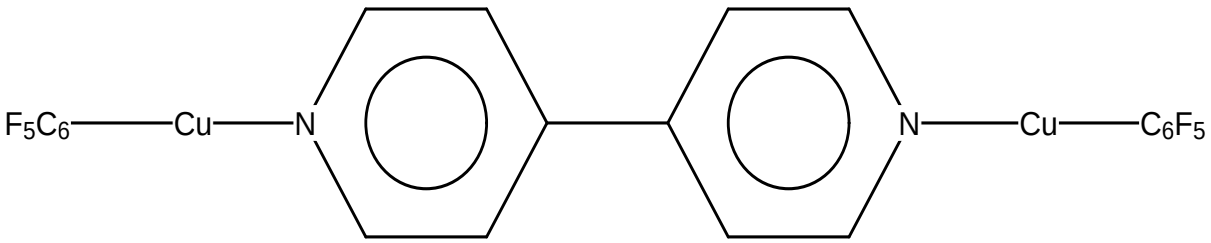
Reference: A.Sundararaman, L.N.Zakharov, A.L.Rheingold, F.Jakle (2005) *Chem.Commun.* ,1708

Formula: $C_{22}\ H_8\ Cu_2\ F_{10}\ N_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(perfluorophenyl)-di-copper

Space Group:	Fddd	***Cell:***	***a***	8.071(2)	***b***	11.127(3)	***c***	48.264(14)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.91 ***Temperature(K):*** 219 ***Density(g/cm^3):*** 1.892



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1417

MAKYAZ01

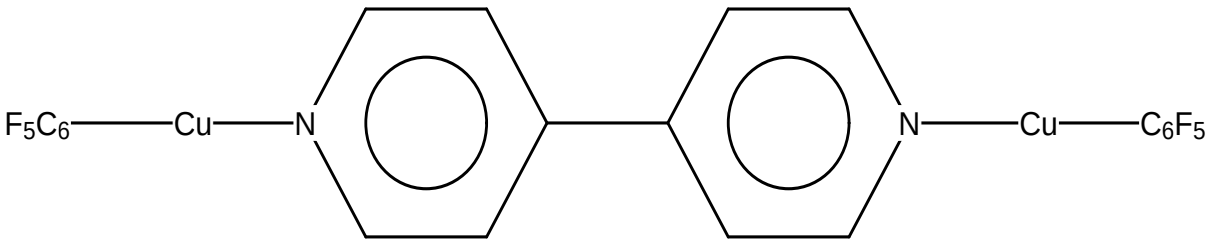
Reference: A.Sundararaman, L.N.Zakharov, A.L.Rheingold, F.Jakle (2005) *Chem.Commun.* ,1708

Formula: $C_{22}\ H_8\ Cu_2\ F_{10}\ N_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(perfluorophenyl)-di-copper

Space Group:	P21/n	***Cell:***	***a***	9.288(1)	***b***	5.033(1)	***c***	22.316(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.57(0)	γ	90.00

R-Factor (%): 3.71 ***Temperature(K):*** 219 ***Density(g/cm^3):*** 1.968



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1418

MAKZII

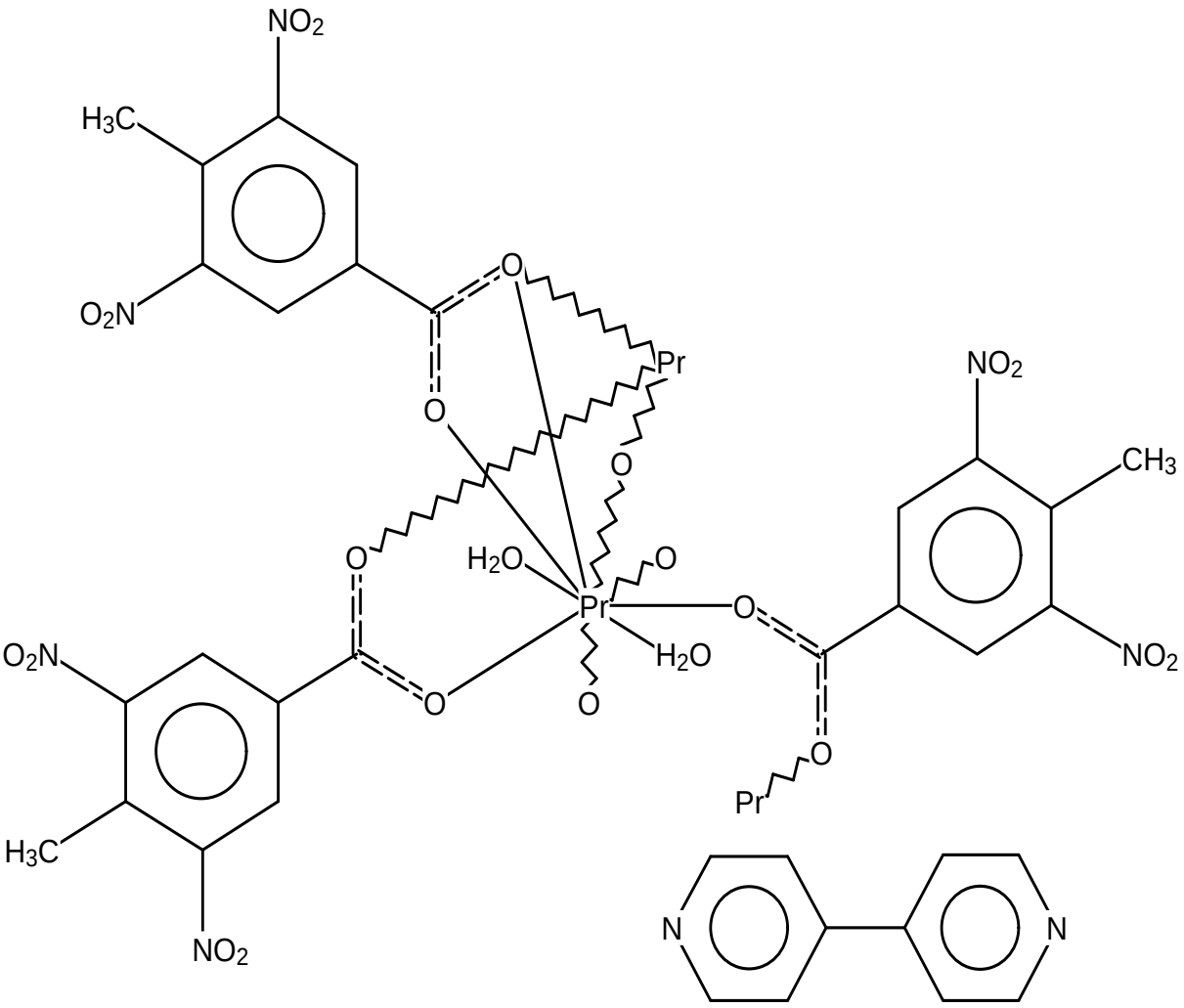
Reference: S.Varughese, V.R.Pedireddi (2005) *Chem.Commun.* ,1824

Formula: $(C_{24}\ H_{19}\ N_6\ O_{20}\ Pr_1)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-3,5-Dinitro-4-methylbenzoato-O,O,O')-(μ_2-3,5-dinitro-4-methylbenzoato-O,O')-diaqua-praseodymium(iii) (4,4'-bipyridyl) clathrate)

Space Group:	P-1	***Cell:***	***a***	9.774(4)	***b***	12.721(6)	***c*** 16.355(7)
Space Group No.:	2	***(Å,°)***	α	72.01(9)	β	82.90(9)	γ 83.15(9)

R-Factor (%): 2.55 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.752



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1419

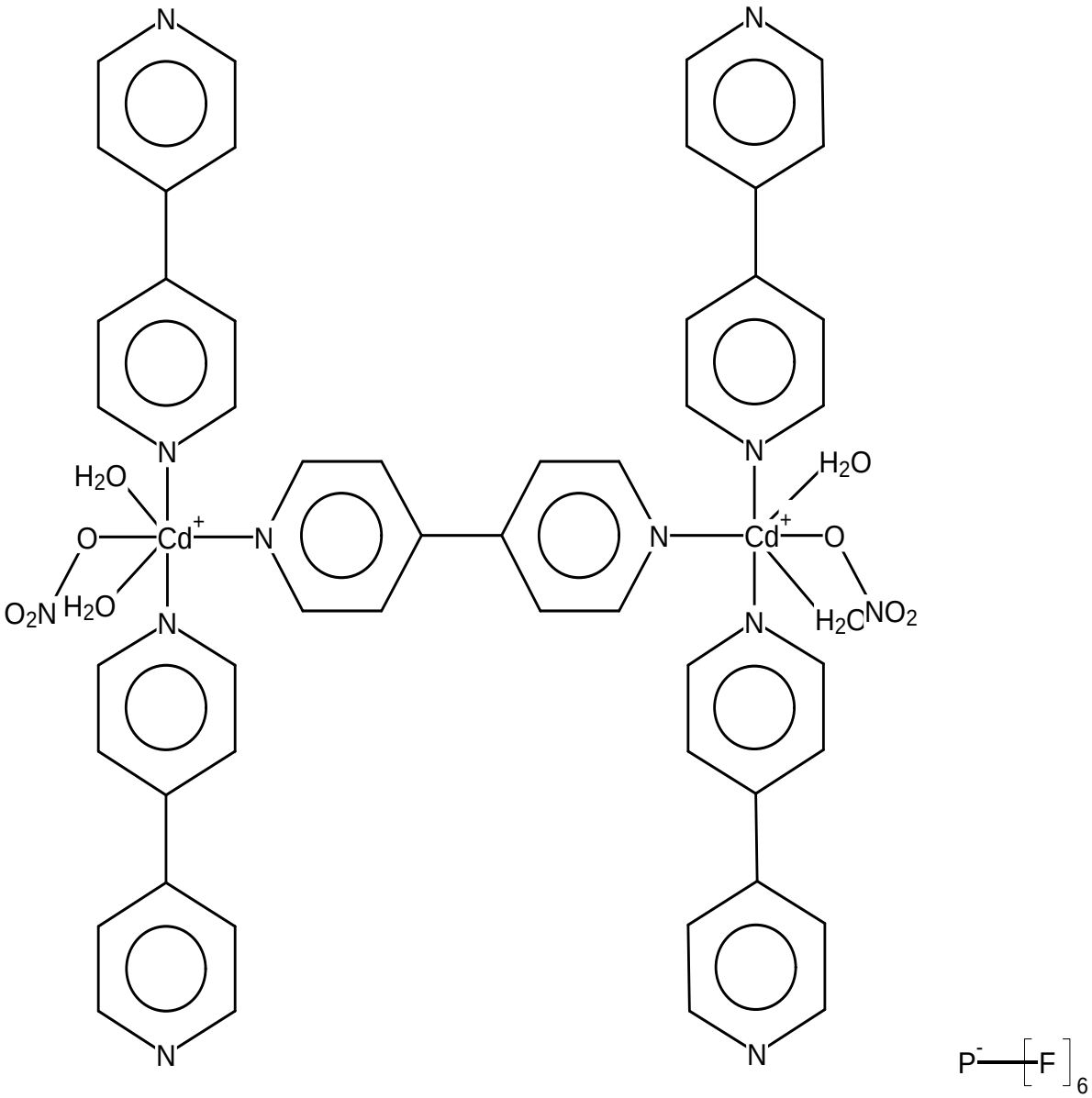
MAMKAM

Reference: Yu-Bing Dong, M.D.Smith, R.C.Layland, H.-C.zur Loye (2000) *J.Chem.Soc.,Dalton Trans.* ,775

Formula: $C_{50}\ H_{48}\ Cd_2\ N_{12}\ O_{10}\ ^{2+}$,2($F_6\ P_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-tetra-aqua-(dinitrato-O)-tetrakis(4,4'-bipyridine)-di-cadmium bis(hexafluorophosphate)

Space Group:	C2/m	***Cell:***	***a***	20.669(3)	***b*** 23.430(5)	***c***	7.533(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 104.61(1)	γ	90.00
R-Factor (%):	5.99	***Temperature(K):***	295		***Density(g/cm^3):***	1.403	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1420

MAMKEQ

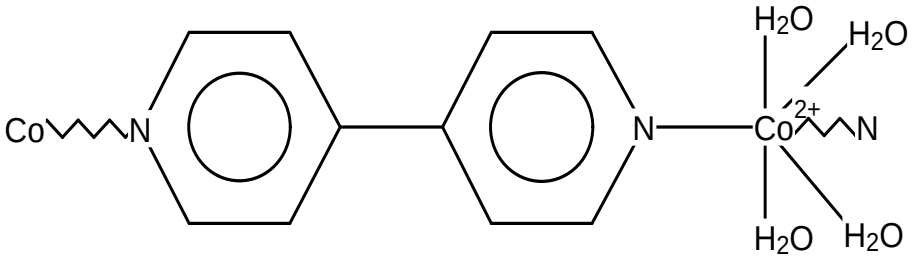
Reference: Yu-Bing Dong, M.D.Smith, R.C.Layland, H.-C.zur Loye (2000) *J.Chem.Soc.,Dalton Trans.* ,775

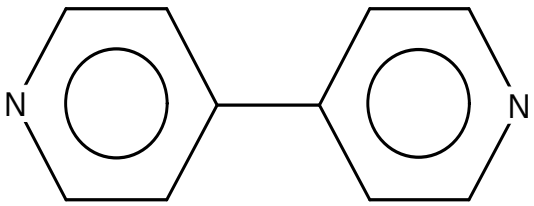
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,3n(C_{10}\ H_8\ N_2),2n(F_6\ P_1\ ^{1-})$

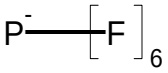
Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetra-aqua-cobalt tris(4,4'-bipyridine) bis(hexafluorophosphate))

Space Group:	C2/c	***Cell:***	***a***	17.918(2)	***b*** 11.397(1)	***c***	23.071(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.29(0)	γ	90.00

R-Factor (%): 5.19 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.503







Search: search1 (Thu May 26 10:05:42 2011): Hit 1421

MANPAS

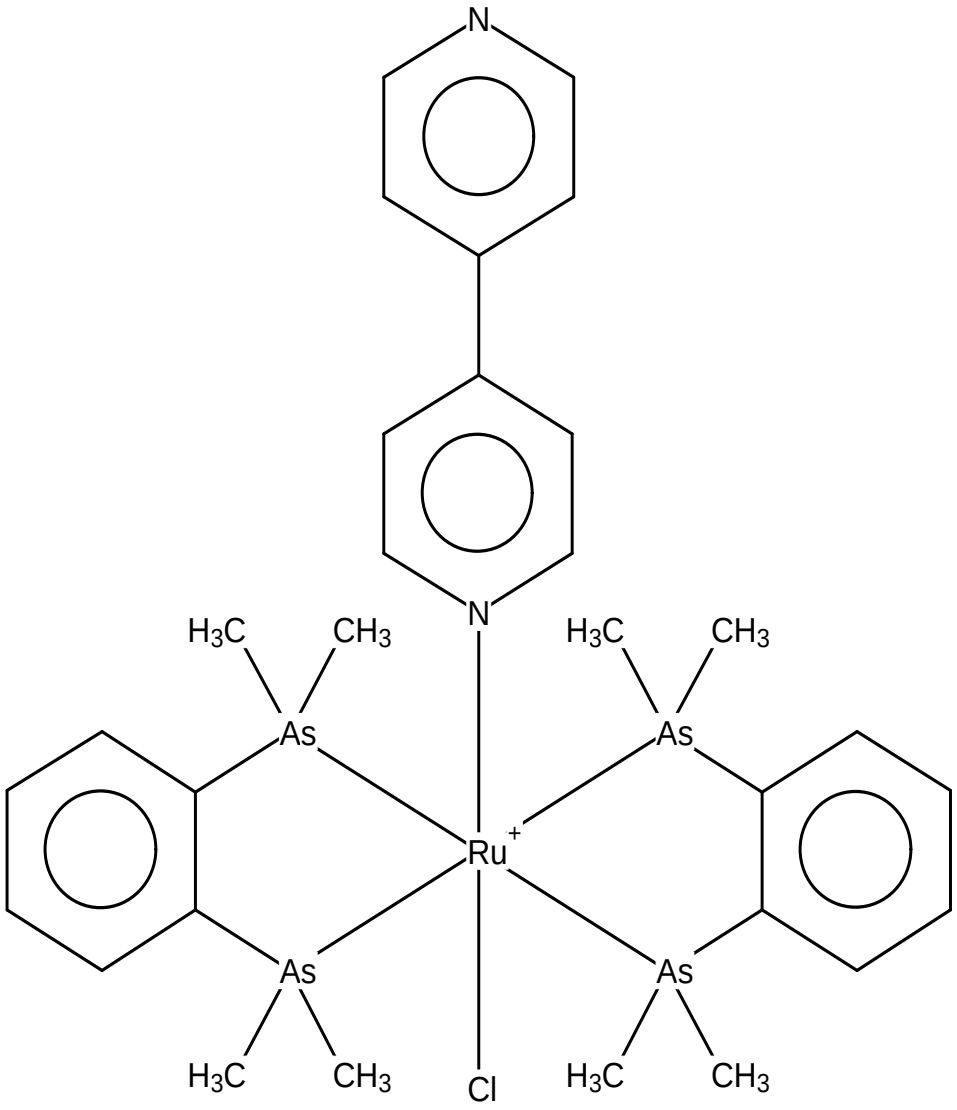
Reference: B.J.Coe, T.Beyer, J.C.Jeffery, S.J.Coles, T.Gelbrich, M.B.Hursthouse, M.E.Light (2000) *J.Chem.Soc.,Dalton Trans.* ,797

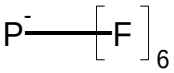
Formula: $C_{30}\ H_{40}\ As_4\ Cl_1\ N_2\ Ru_1\ ^{1+},F_6\ P_1\ ^{1-},C_3\ H_7\ N_1\ O_1$

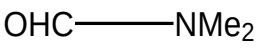
Compound Name: Chloro-(4,4'-bipyridyl-N)-trans-bis(1,2-phenylenebis(dimethylarsenido))-ruthenium(ii) hexafluorophosphate dimethylformamide solvate

Space Group:	P21/c	***Cell:***	***a***	17.847(4)	***b***	9.386(2)	***c*** 27.936(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.44(3)	γ 90.00

R-Factor (%): 7.27 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.568







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1422

MANPEW

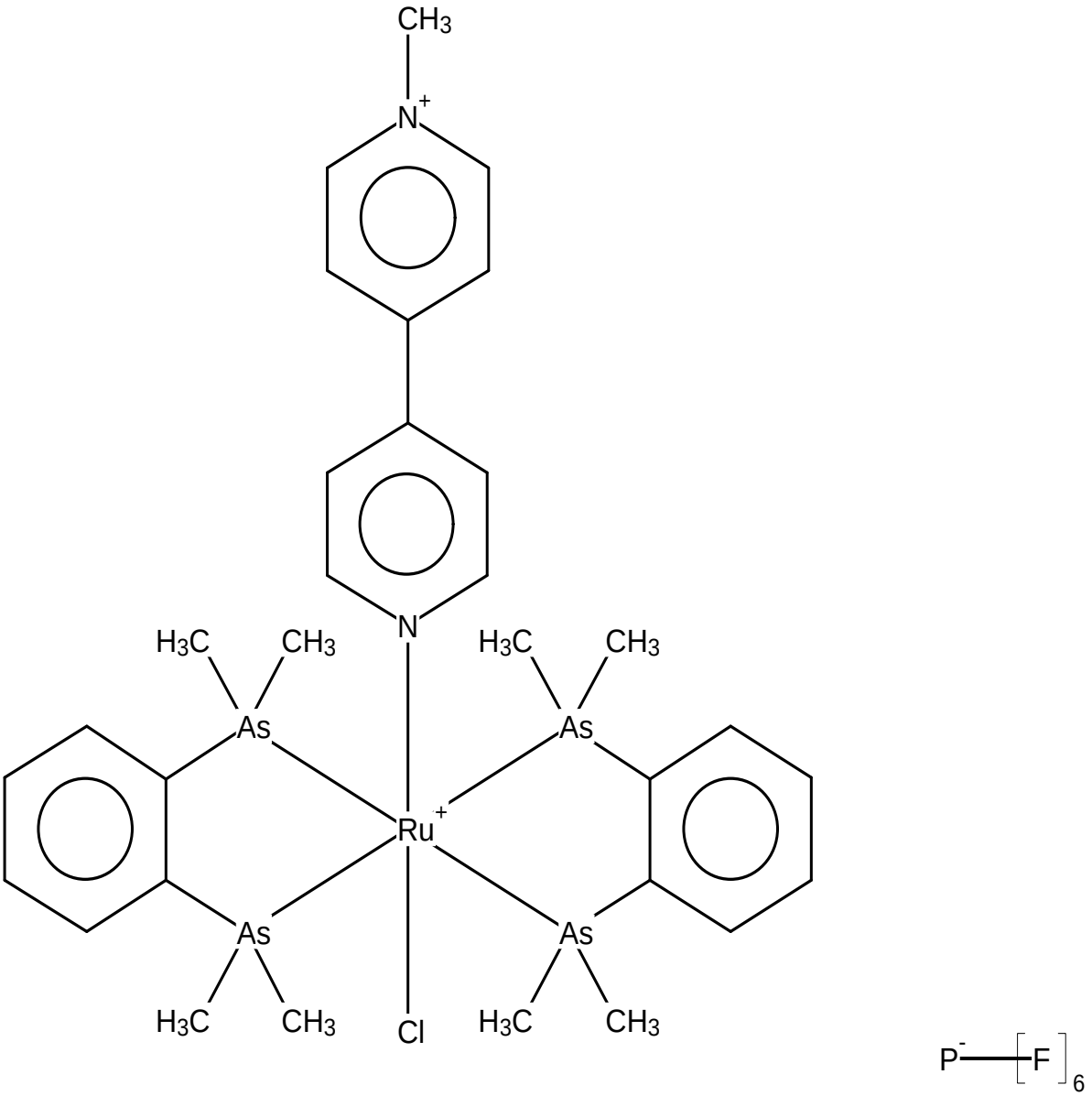
Reference: B.J.Coe, T.Beyer, J.C.Jeffery, S.J.Coles, T.Gelbrich, M.B.Hursthouse, M.E.Light (2000) *J.Chem.Soc.,Dalton Trans.* ,797

Formula: $C_{31}\ H_{43}\ As_4\ Cl_1\ N_2\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: Chloro-(4-(N'-methylpyridinium-4'-yl)pyridine)-trans-bis(1,2-phenylenebis(dimethylarsenido))-ruthenium(ii) bis(hexafluorophosphate)

Space Group:	P21/c	***Cell:***	***a*** 20.273(3)	***b*** 9.518(4)	***c*** 23.925(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 115.06	γ 90.00

R-Factor (%): 2.19 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.858



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1423

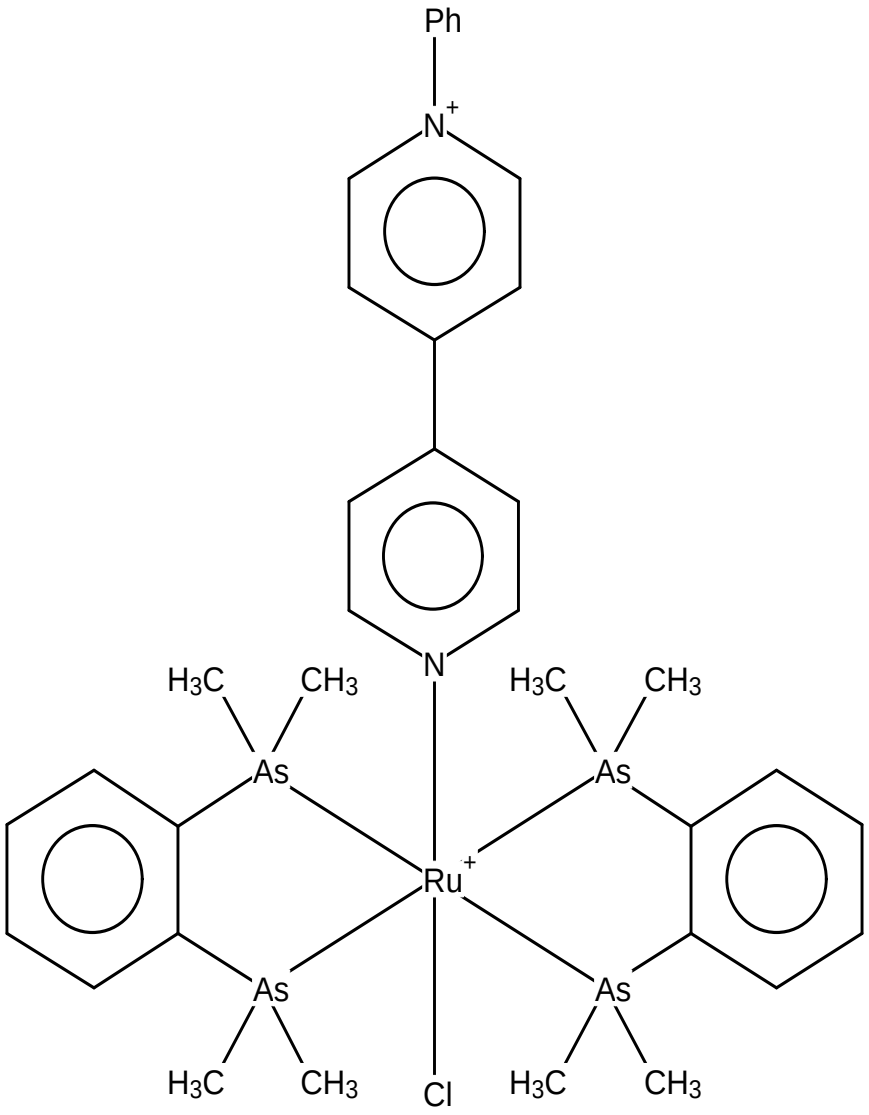
MANPIA

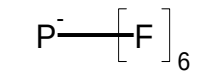
Reference: B.J.Coe, T.Beyer, J.C.Jeffery, S.J.Coles, T.Gelbrich, M.B.Hursthouse, M.E.Light (2000) *J.Chem.Soc.,Dalton Trans.* ,797

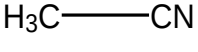
Formula: $C_{36}\ H_{45}\ As_4\ Cl_1\ N_2\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-}),C_2\ H_3\ N_1$

Compound Name: Chloro-(4-(N'-phenylpyridinium-4'-yl)pyridine)-trans-bis(1,2-phenylenebis(dimethylarsenido))-ruthenium(ii) bis(hexafluorophosphate) acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	15.280(0)	***b*** 17.115(0)	***c***	19.373(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.13(0)	γ	90.00
R-Factor (%):	4.64	***Temperature(K):***	150		***Density(g/cm^3):***		1.789







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1424

MANPOG

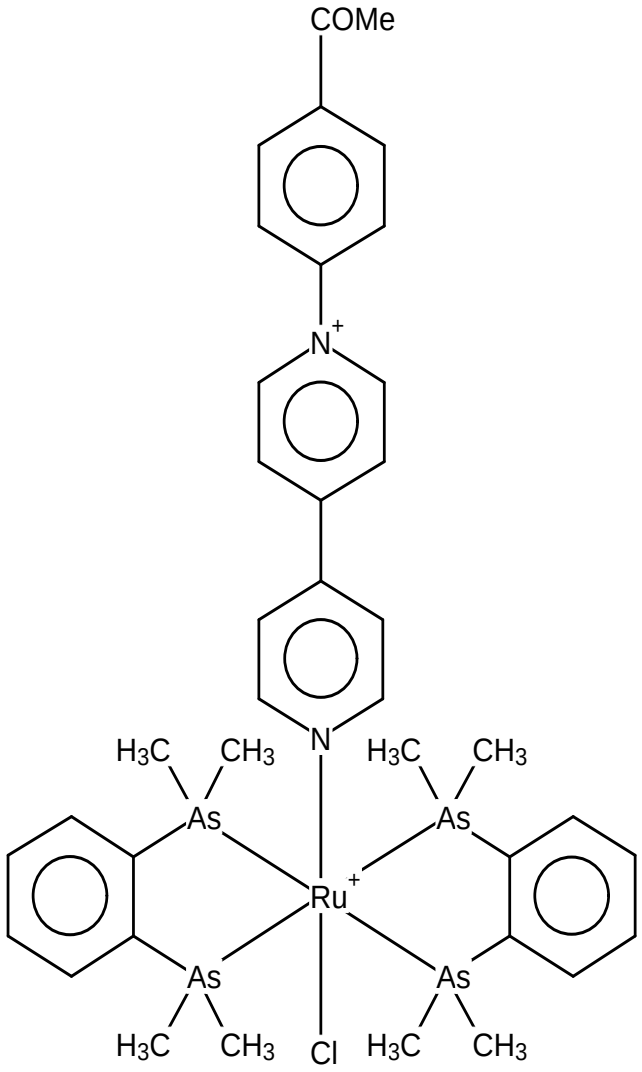
Reference: B.J.Coe, T.Beyer, J.C.Jeffery, S.J.Coles, T.Gelbrich, M.B.Hursthouse, M.E.Light (2000) *J.Chem.Soc.,Dalton Trans.* ,797

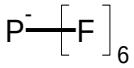
Formula: $C_{38}\ H_{47}\ As_4\ Cl_1\ N_2\ O_1\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-}),C_3\ H_6\ O_1$

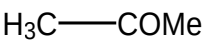
Compound Name: Chloro-(4-(N'-(4''-acetylphenyl)pyridinium-4'-yl)pyridine)-trans-bis(1,2-phenylenebis(dimethylarsenido))-ruthenium(ii) bis(hexafluorophosphate) acetone solvate

Space Group:	Pna21	***Cell:***	***a***	14.519(3)	***b***	22.552(5)	***c***	16.361(3)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.47	***Temperature(K):***	150	***Density(g/cm^3):***	1.652







Search: search1 (Thu May 26 10:05:42 2011): Hit 1425

MANPUM

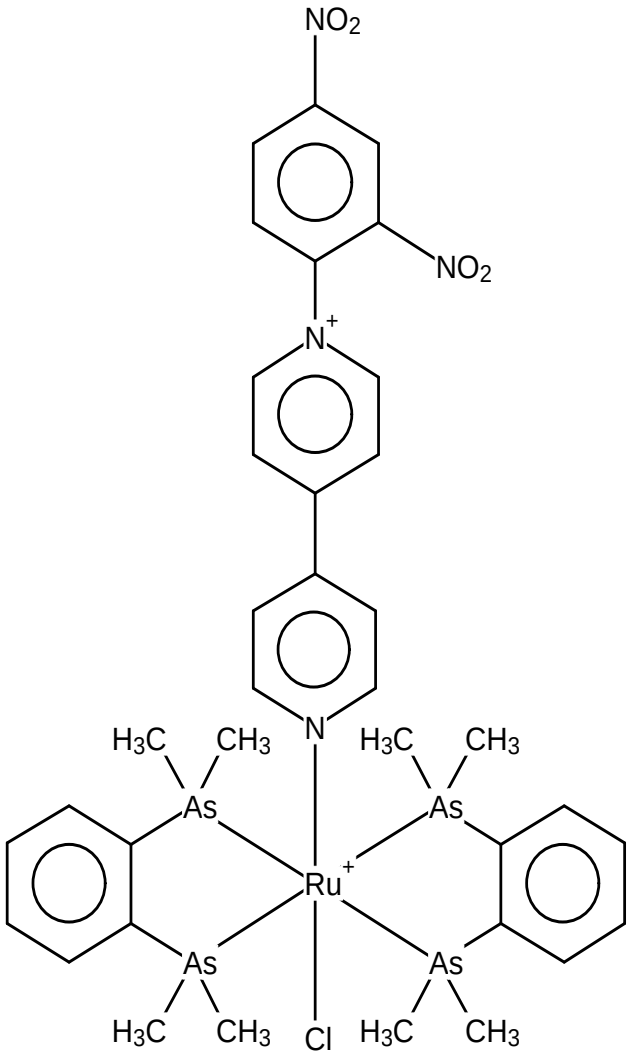
Reference: B.J.Coe, T.Beyer, J.C.Jeffery, S.J.Coles, T.Gelbrich, M.B.Hursthouse, M.E.Light (2000) *J.Chem.Soc.,Dalton Trans.* ,797

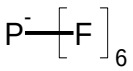
Formula: $C_{36}\ H_{43}\ As_4\ Cl_1\ N_4\ O_4\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-}),C_2\ H_3\ N_1$

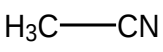
Compound Name: Chloro-(4-(N'-(2'',4''-dinitrophenyl)pyridinium-4'-yl)pyridine)-trans-bis(1,2-phenylenebis(dimethylarsenido))-ruthenium(ii) bis(hexafluorophosphate) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a*** 12.145(0)	***b*** 13.758(0)	***c*** 15.716(0)
Space Group No.:	2	***(Å,°)***	α 108.75(0)	β 95.17(0)	γ 90.34(0)

R-Factor (%): 4.59 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.829







Search: search1 (Thu May 26 10:05:42 2011): Hit 1426

MANQAT

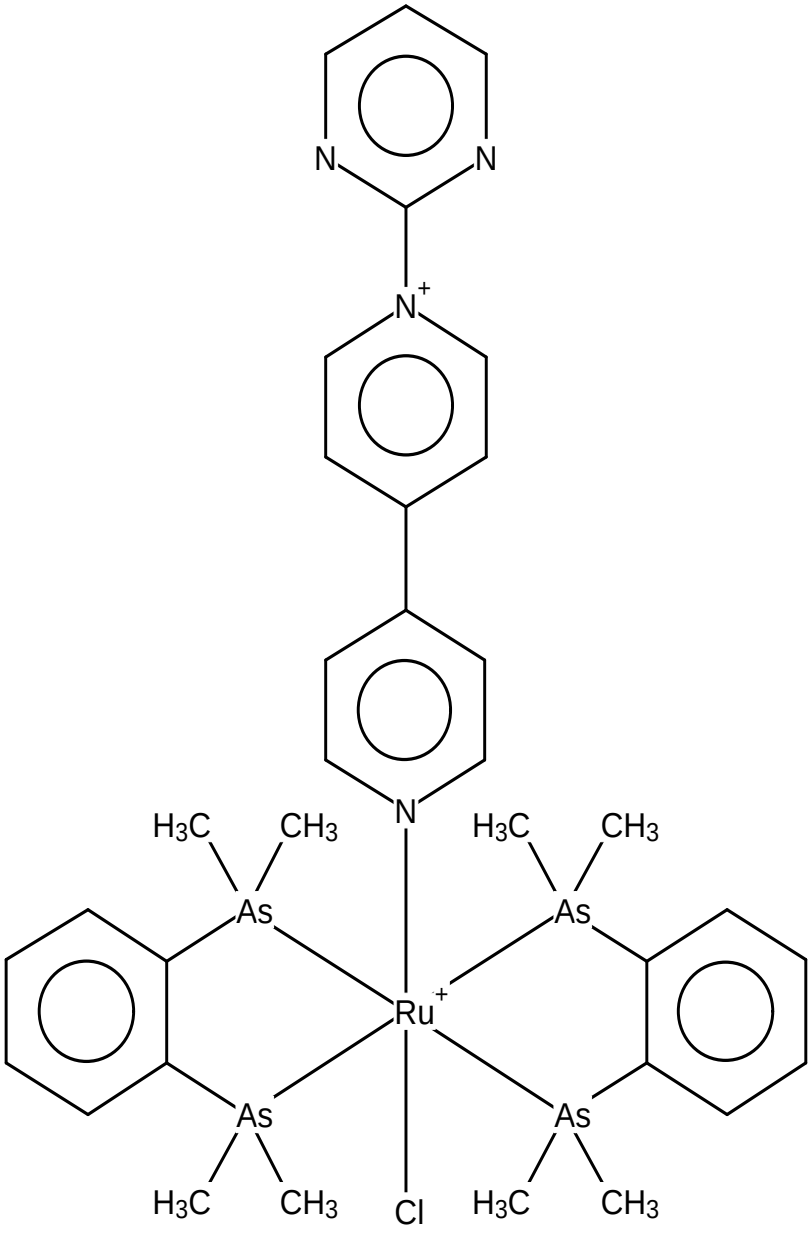
Reference: B.J.Coe, T.Beyer, J.C.Jeffery, S.J.Coles, T.Gelbrich, M.B.Hursthouse, M.E.Light (2000) *J.Chem.Soc.,Dalton Trans.* ,797

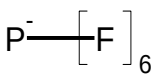
Formula: $C_{34}\ H_{43}\ As_4\ Cl_1\ N_4\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: Chloro-(4-(N'-(pyrimidin-2''-yl)pyridinium-4'-yl)pyridine)-trans-bis(1,2-phenylenebis(dimethylarsenido))-ruthenium(ii) bis(hexafluorophosphate)

Space Group:	P21/c	***Cell:***	***a***	20.210(0)	***b***	9.136(0)	***c*** 25.844(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	110.89(0)	γ 90.00

R-Factor (%): 12.38 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.838





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1427

MANZIL

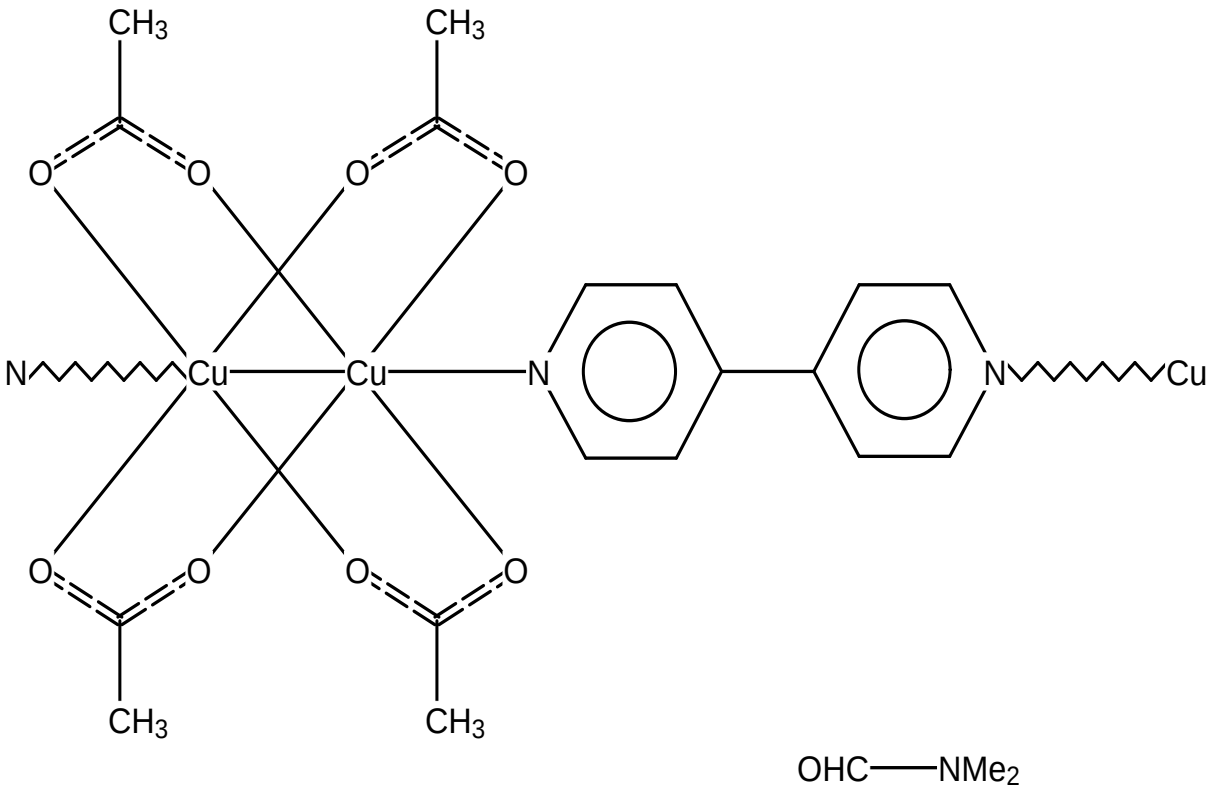
Reference: Hai-Ying Bie, Jie-Hui Yu, Kui Zhao, Jing Lu, Li-Mei Duan, Ji-Qing Xu (2005) *J.Mol.Struct.* ,**741,**77

Formula: $(C_{18}\ H_{20}\ Cu_2\ N_2\ O_8)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) dimethylformamide solvate)

Space Group:	P1	***Cell:***	***a***	7.389(3)	***b***	8.355(4)	***c***	11.361(8)
Space Group No.:	1	***(Å,°)***	α	78.54(5)	β	85.95(4)	γ	64.01(3)

R-Factor (%): 4.04 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1428

MANZIL01

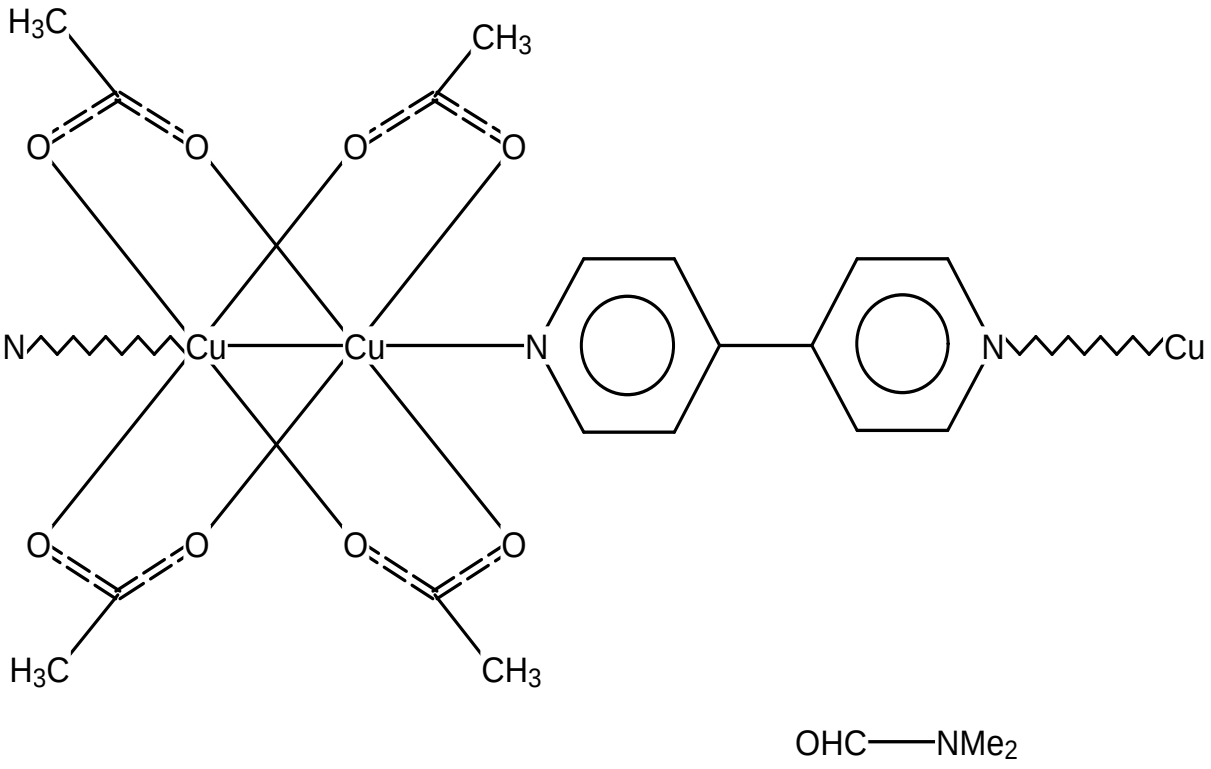
Reference: S.W.Ng (2006) *J.Mol.Struct.* ,**791,**201

Formula: $(C_{18}\ H_{20}\ Cu_2\ N_2\ O_8)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) dimethylformamide solvate)

Space Group:	P-1	***Cell:***	***a***	7.389(1)	***b***	8.355(1)	***c*** 11.361(1)
Space Group No.:	2	***(Å,°)***	α	78.54(1)	β	85.95(1)	γ 64.01(1)

R-Factor (%): 3.79 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1429

MAQBOW

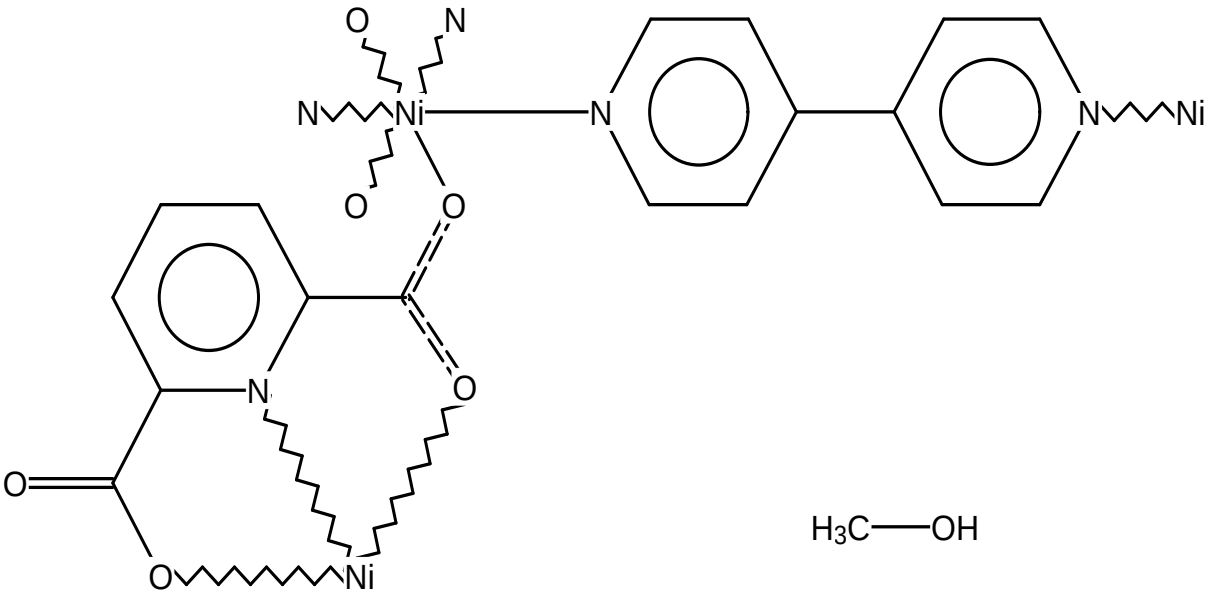
Reference: S.K.Ghosh, J.Ribas, P.K.Bharadwaj (2005)
Cryst.Growth Des. ,**5,**623

Formula: $(C_{17}\ H_{11}\ N_3\ Ni_1\ O_4)n,0.5n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-pyridine-2,6-dicarboxylato)-nickel(ii) methanol solvate)

Space Group:	P21/n	***Cell:***	***a***	11.249(5)	***b***	10.277(2)	***c***	15.607(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.92(0)	γ	90.00

R-Factor (%): 5.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.472



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1430

MAQFAM

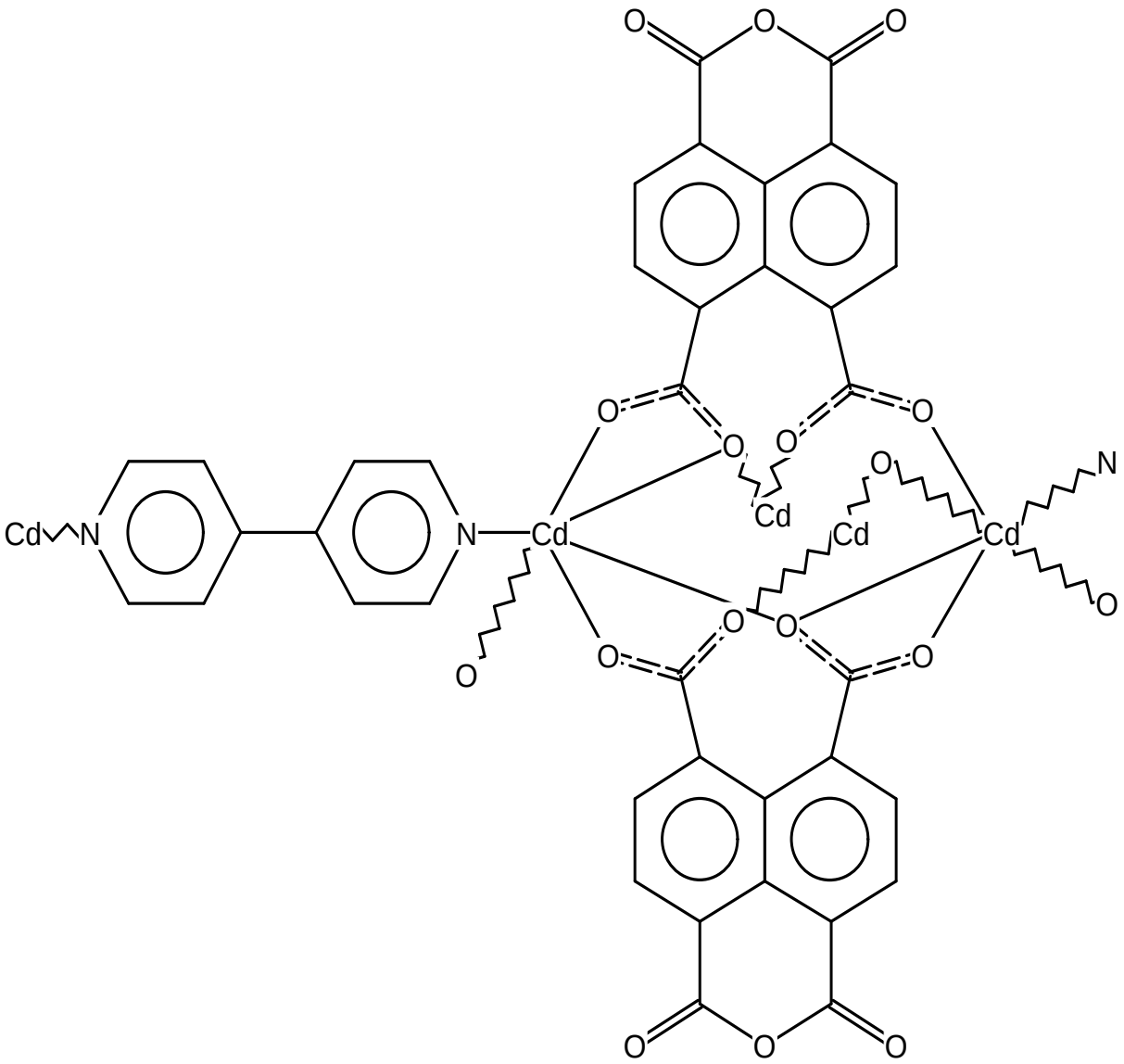
Reference: Yanqing Xu, Daqiang Yuan, Benlai Wu, Feilong Jiang, Youfu Zhou, Maochun Hong (2005) *Inorg.Chem.Commun.* ,**8,**651

Formula: $(C_{38}\ H_{16}\ Cd_2\ N_2\ O_{14})n$

Compound Name: catena-(bis(μ_3-Naphthalene-4,5-dicarboxylic anhydride-1,8-dicarboxylato)-(μ_2-4,4'-bipyridine)-di-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a*** 15.127(1)	***b*** 5.040(0)	***c*** 21.709(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 112.07(0)	γ 90.00

R-Factor (%): 3.45 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.056



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1431

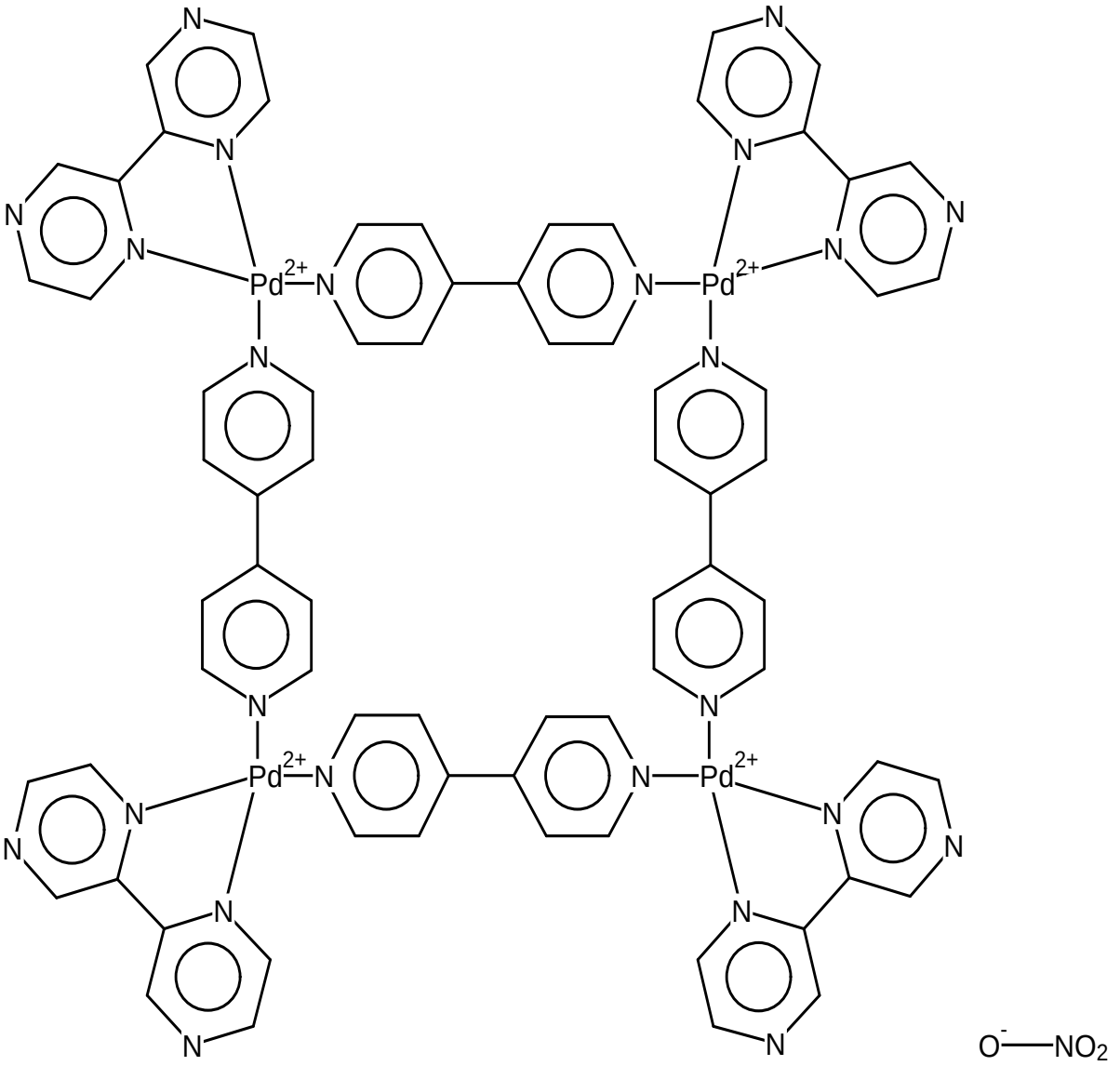
MARDEO

Reference: R.-D.Schnebeck, E.Freisinger, B.Lippert (2000)
Eur.J.Inorg.Chem. ,1193

Formula: $C_{72}\ H_{56}\ N_{24}\ Pd_4\ ^{8+},8(N_1\ O_3\ ^{1-}),_1 4.4(H_2\ O_1)$

Compound Name: tetrakis((μ$_2$-4,4'-Bipyridine)-(2,2'-bipyrazine)) tetra-palladium octanitrate hydrate

Space Group:	P21/n	***Cell:***	***a***	27.231(5)	***b***	6.302(1)	***c*** 27.273(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.02(3)	γ 90.00
R-Factor (%):	6.61	***Temperature(K):***	198		***Density(g/cm^3):***		1.731



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1432

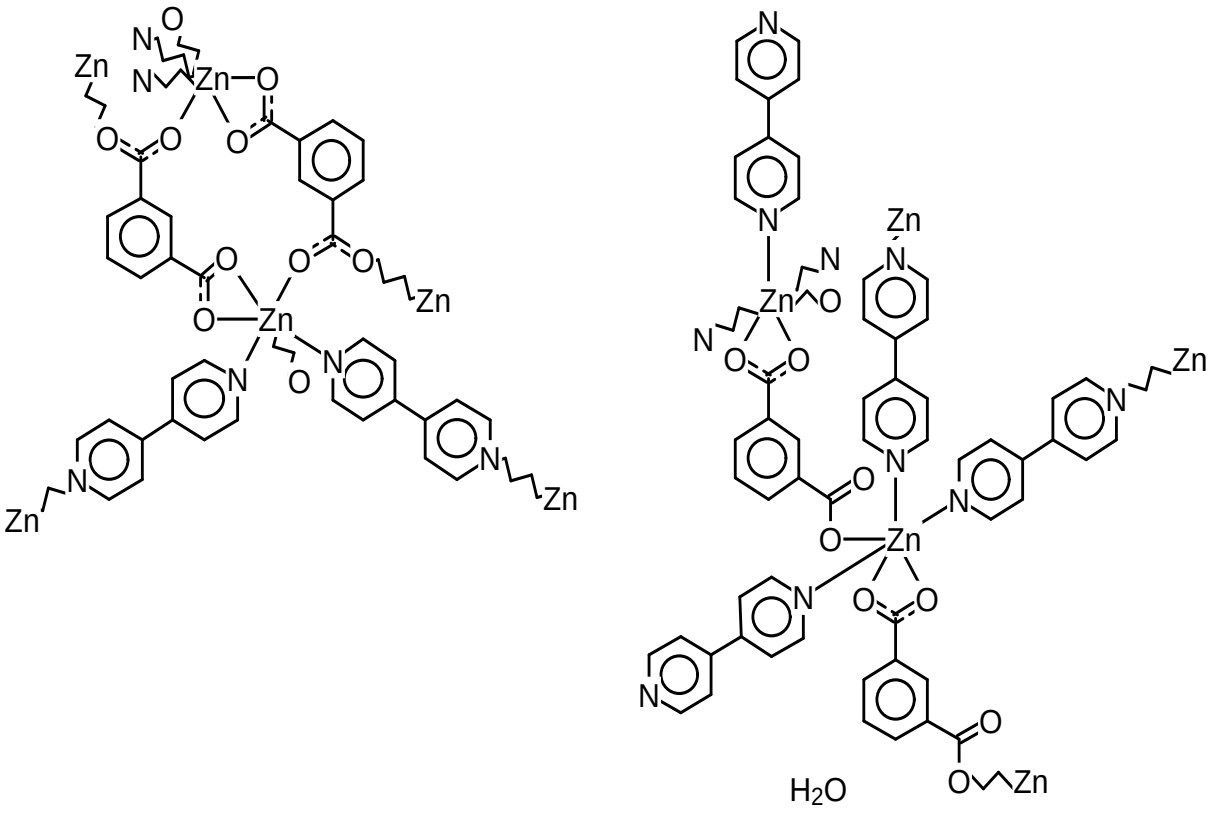
MASCOZ

Reference: Yu-Mei Dai, En Ma, En Tang, Jian Zhang, Zhao-Ji Li, Xu-Dong Huang, Yuan-Gen Yao (2005) *Cryst.Growth Des. ,***5,**1313

Formula: $(C_{36}\ H_{24}\ N_4\ O_8\ Zn_2)n,n(C_{56}\ H_{40}\ N_8\ O_8\ Zn_2),0.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Isophthalato)-bis(μ_2-4,4'-bipyridine)-di-zinc bis(μ_2-4,4'-bipyridine)-bis(μ_2-isophthalato)-bis(4,4'-bipyridine)-di-zinc hemihydrate)

Space Group:	Pnn2	***Cell:***	***a***	36.810(30)	***b***	10.419(9)	***c***	11.955(10)
Space Group No.:	34	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	4.90	***Temperature(K):***	293		***Density(g/cm^3):***		1.350	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1433

MASMEY

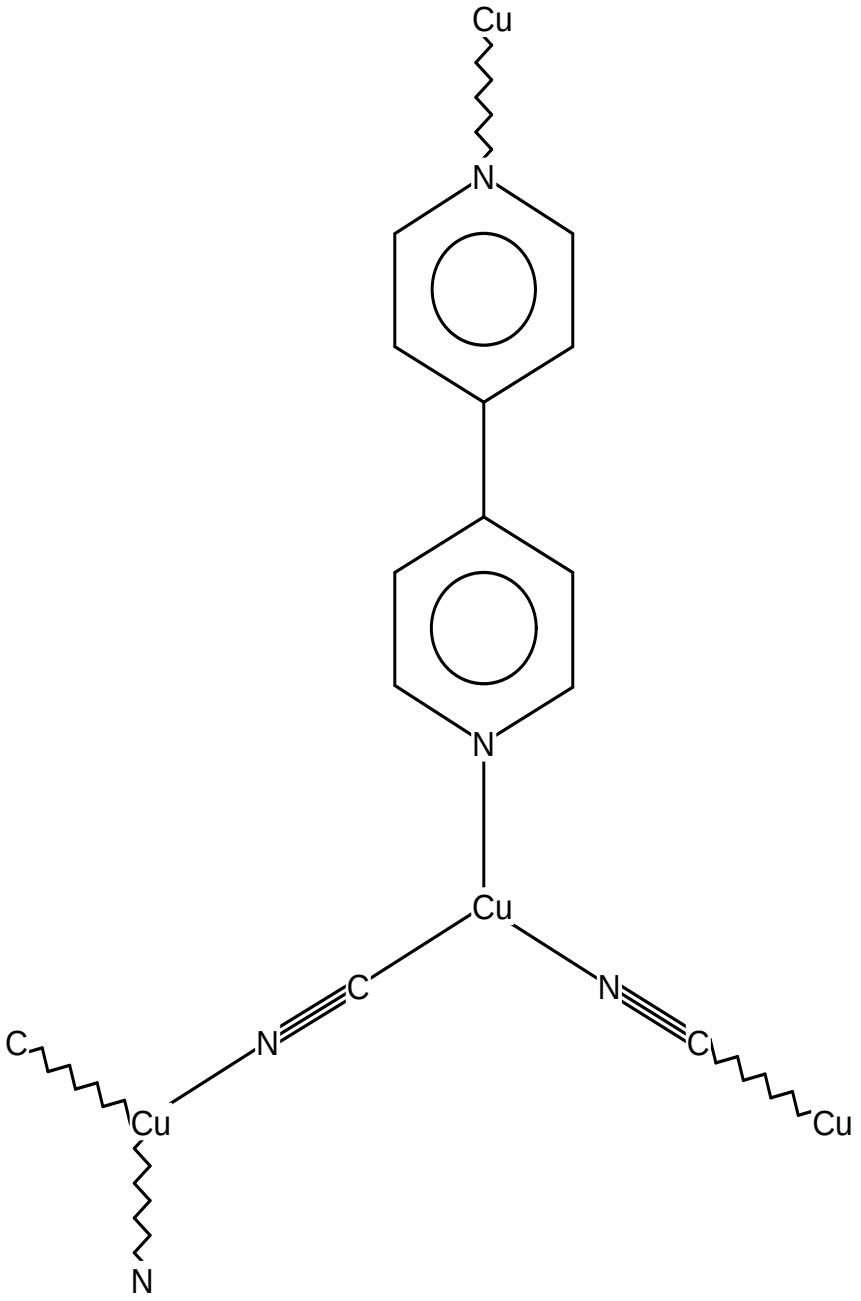
Reference: O.Teichert, W.S.Sheldrick (2000) *Z.Anorg.Allg.Chem.* ,**626,** 1509

Formula: $(C_{12}\ H_8\ Cu_2\ N_4)n$

Compound Name: catena-((μ_2-4,4-Bipyridyl)-bis(μ_2-cyano)-di-copper)

Space Group:	P21/n	***Cell:***	***a***	8.552(4)	***b*** 11.651(4)	***c***	12.546(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.82(3)	γ	90.00

R-Factor (%): 7.33 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.814



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1434

MASMEY01

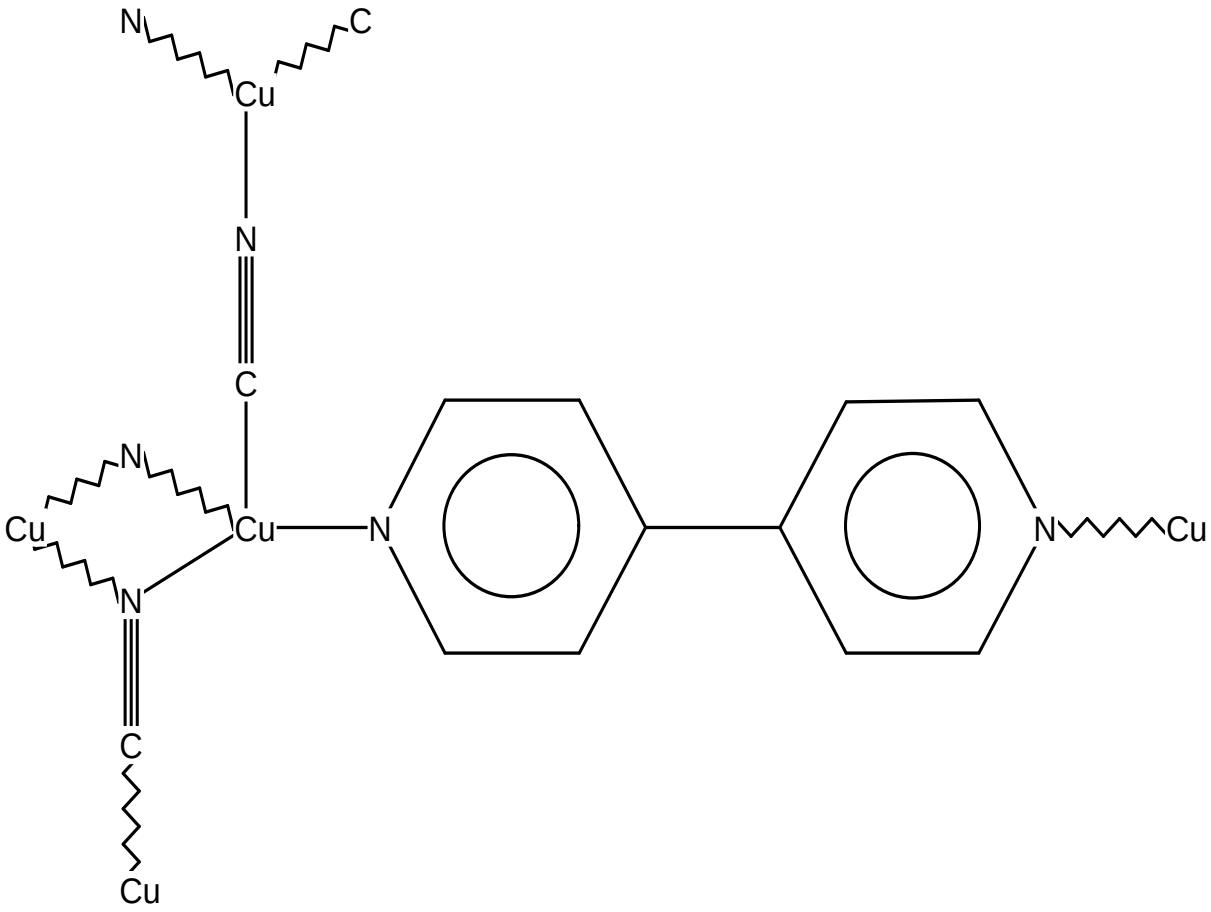
Reference: D.J.Chesnut, D.Plewak, J.Zubieta (2001)
J.Chem.Soc.,Dalton Trans. ,2567

Formula: $(C_{12}\ H_8\ Cu_2\ N_4)n$

Compound Name: catena-((μ_3-Cyano)-(μ_2-cyano)-(μ_2-4,4-bipyridine-N,N')-di-copper(i))

Space Group:	P21/n	***Cell:***	***a***	8.587(2)	***b*** 11.444(3)	***c***	12.591(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.03(0)	γ	90.00

R-Factor (%): 2.59 ***Temperature(K):*** 115 ***Density(g/cm^3):*** 1.834



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1435

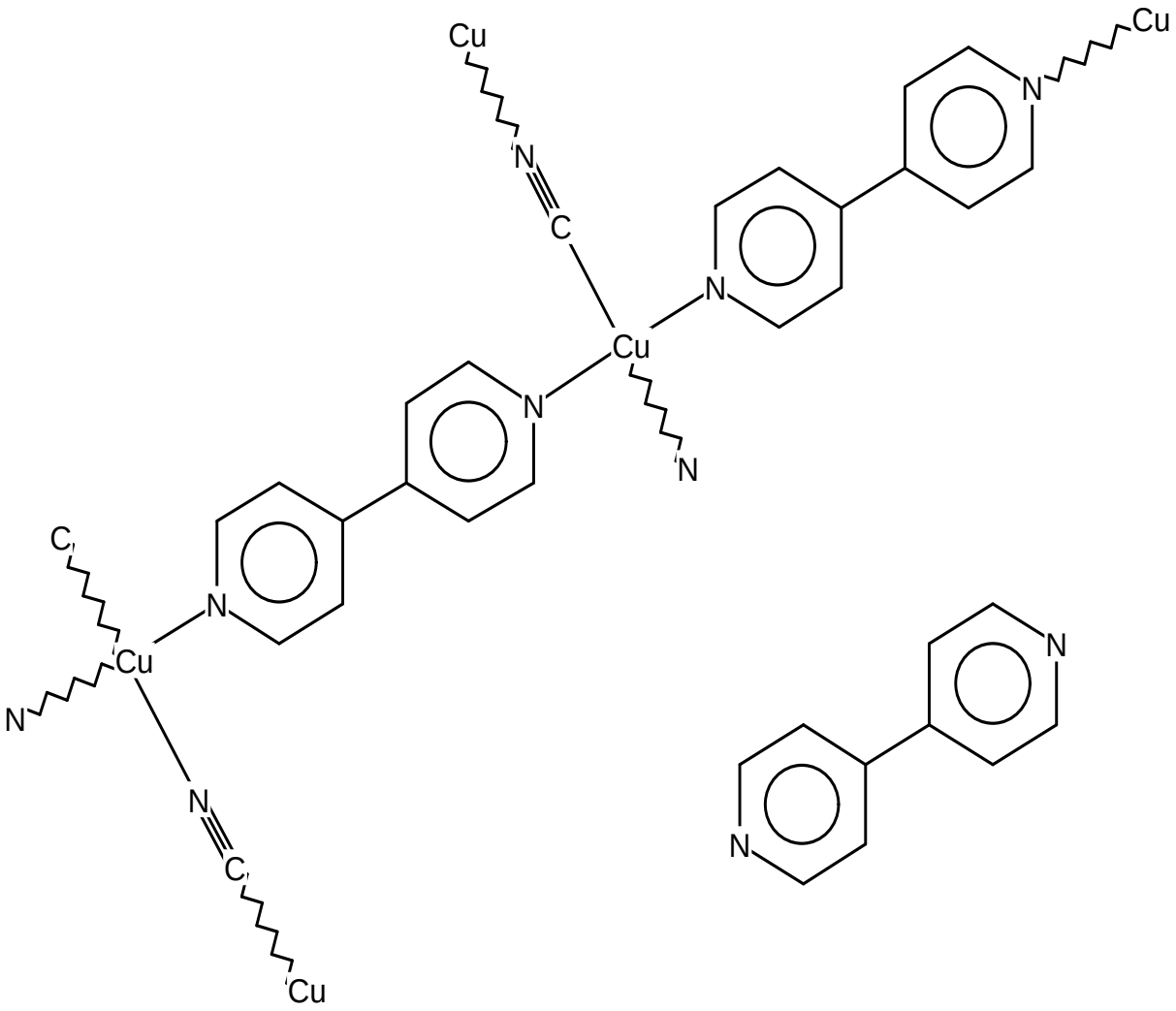
MASMIC

Reference: O.Teichert, W.S.Sheldrick (2000) *Z.Anorg.Allg.Chem.* ,**626,** 1509

Formula: $(C_{22}\ H_{16}\ Cu_2\ N_6)n,4n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis((μ2-4,4'-Bipyridyl)-(μ2-cyano)-copper) bis(4,4'-bipyridine) clathrate)

Space Group:	P-1	***Cell:***	***a***	9.489(4)	***b***	12.760(4)	***c***	13.117(4)
Space Group No.:	2	***(Å,°)***	α	75.88(3)	β	72.93(3)	γ	69.65(3)
R-Factor (%):	8.53	***Temperature(K):***	295	***Density(g/cm3):***	1.319			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1436

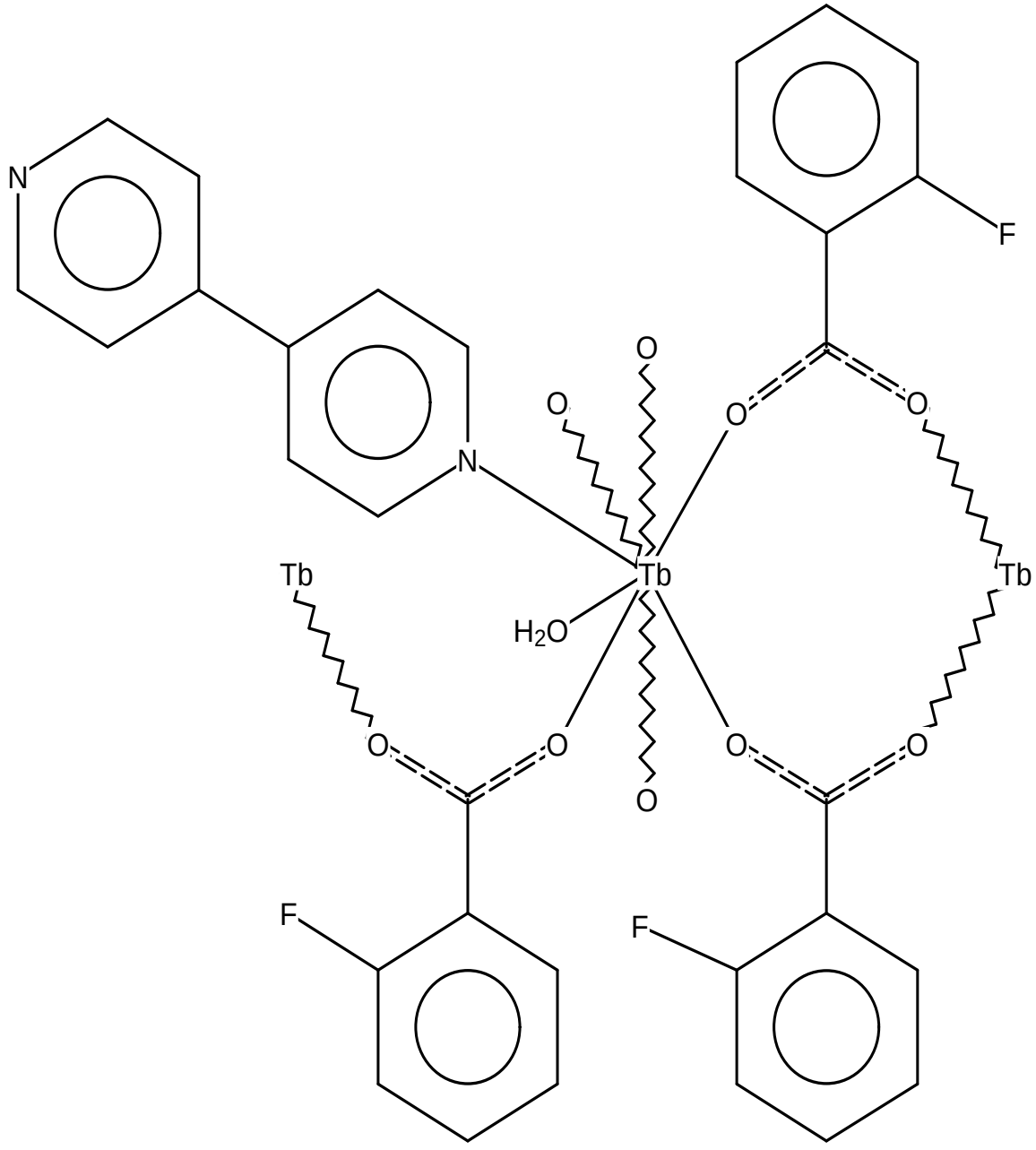
MASPOM

Reference: Xia Li, Zhuo-Yong Zhang, Ying-Quan Zou (2005)
Eur.J.Inorg.Chem. ,2909

Formula: $(C_{31}\ H_{22}\ F_3\ N_2\ O_7\ Tb_1)n$

Compound Name: catena-(tris(μ_2-2-Fluorobenzoato-O,O')-(4,4'-bipyridine)-aqua-terbium(iii))

Space Group:	P-1	***Cell:***	***a***	9.745(3)	***b*** 12.770(4)	***c***	13.312(4)
Space Group No.:	2	***(Å,°)***	α	113.13(0)	β 104.75(0)	γ	97.01(0)
R-Factor (%):	3.77	***Temperature(K):***	293		***Density(g/cm^3):***		1.747



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1437

MATTOR

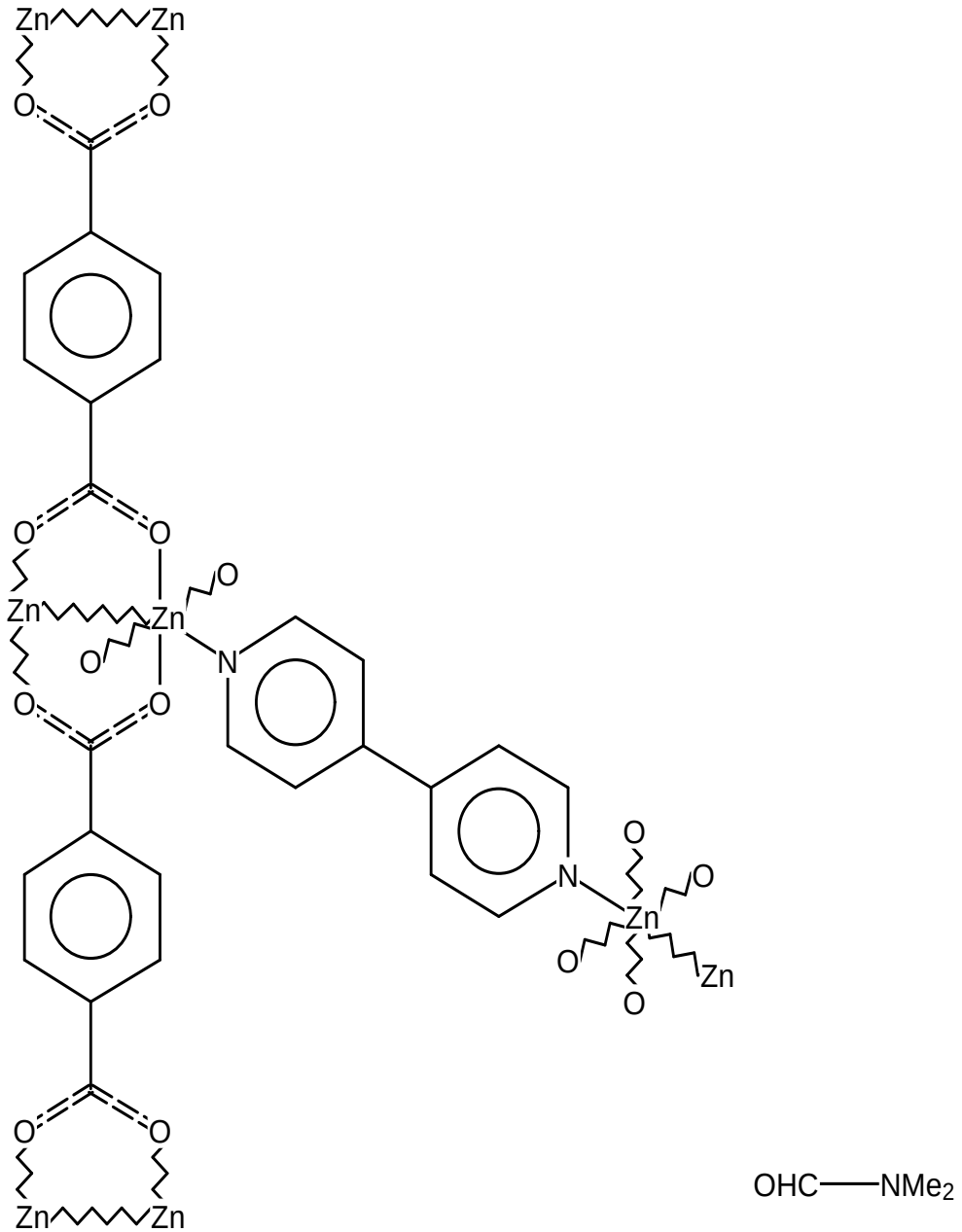
Reference: Bao-Qing Ma, K.L.Mulfort, J.T.Hupp (2005) *Inorg.Chem.* , **44,**4912

Formula: $(C_{26}\ H_{16}\ N_2\ O_8\ Zn_2)n,1.61n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[bis(μ_4-Benzene-1,4-dicarboxylato)-(μ_2-4,4'-bipyridyl)-di-zinc(ii) dimethylformamide solvate]

Space Group:	P-1	***Cell:***	***a***	10.886(3)	***b***	10.919(3)	***c***	14.091(3)
Space Group No.:	2	***(Å,°)***	α	89.29(0)	β	89.08(0)	γ	79.69(0)

R-Factor (%): 9.50 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.477



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1438

MATTUX

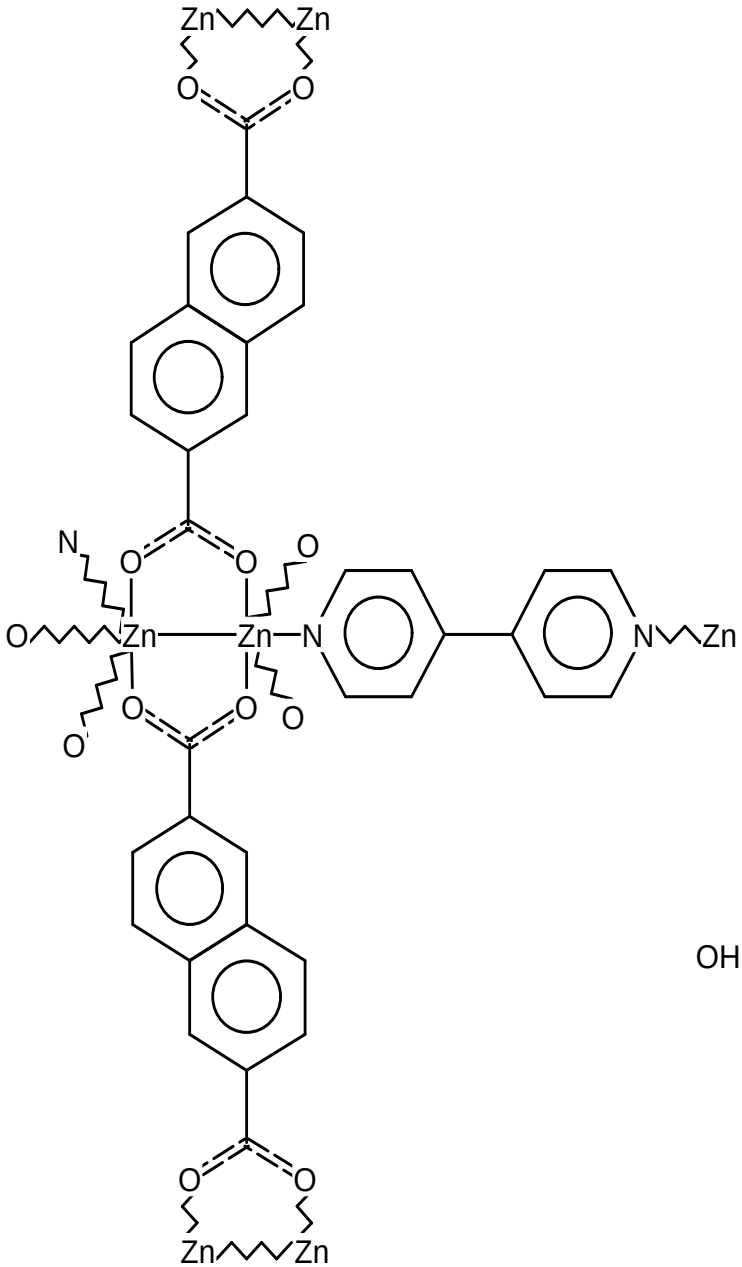
Reference: Bao-Qing Ma, K.L.Mulfort, J.T.Hupp (2005) *Inorg.Chem.* , **44,**4912

Formula: $(C_{34}\ H_{20}\ N_2\ O_8\ Zn_2)n,3.15n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[bis(μ_4-Naphthalene-2,6-dicarboxylato)-(μ_2-4,4'-bipyridyl)-di-zinc(ii) dimethylformamide solvate]

Space Group:	P-1	***Cell:***	***a***	12.976(1)	***b***	13.110(1)	***c***	13.926(1)
Space Group No.:	2	***(Å,°)***	α	85.31(0)	β	70.71(0)	γ	84.19(0)

R-Factor (%): 4.88 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.414



Search: search1 (Thu May 26 10:05:42 2011): Hit 1439

MATVIN

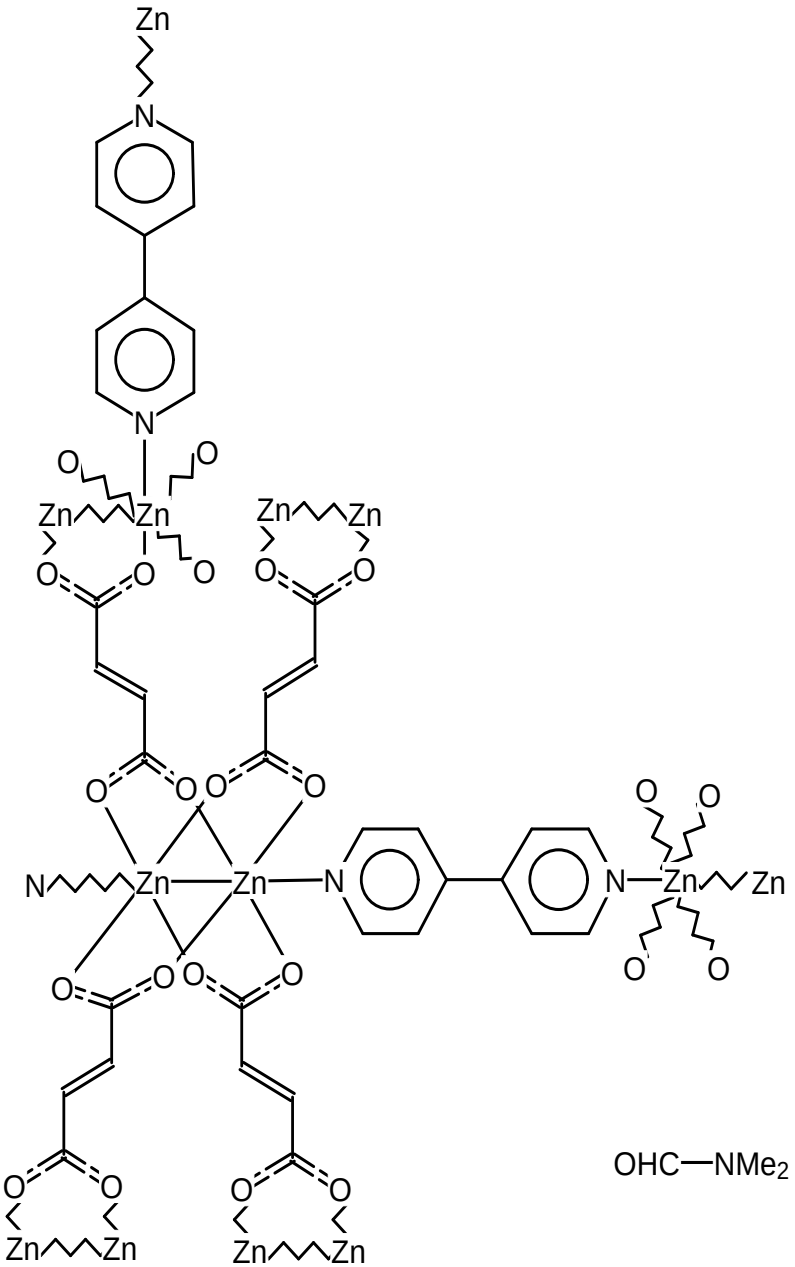
Reference: Bao-Qing Ma, K.L.Mulfort, J.T.Hupp (2005) *Inorg.Chem.* , **44,**4912

Formula: $(C_{36}\ H_{24}\ N_4\ O_{16}\ Zn_4)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[tetrakis(μ_4-Fumarato)-bis(μ_2-4,4'-bipyridyl)-tetra-zinc(ii) dimethylformamide solvate]

Space Group:	C2/m	***Cell:***	***a***	13.446(1)	***b*** 11.584(1)	***c***	14.040(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 105.41(0)	γ	90.00

R-Factor (%): 7.40 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.738



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1440

MAVNUT

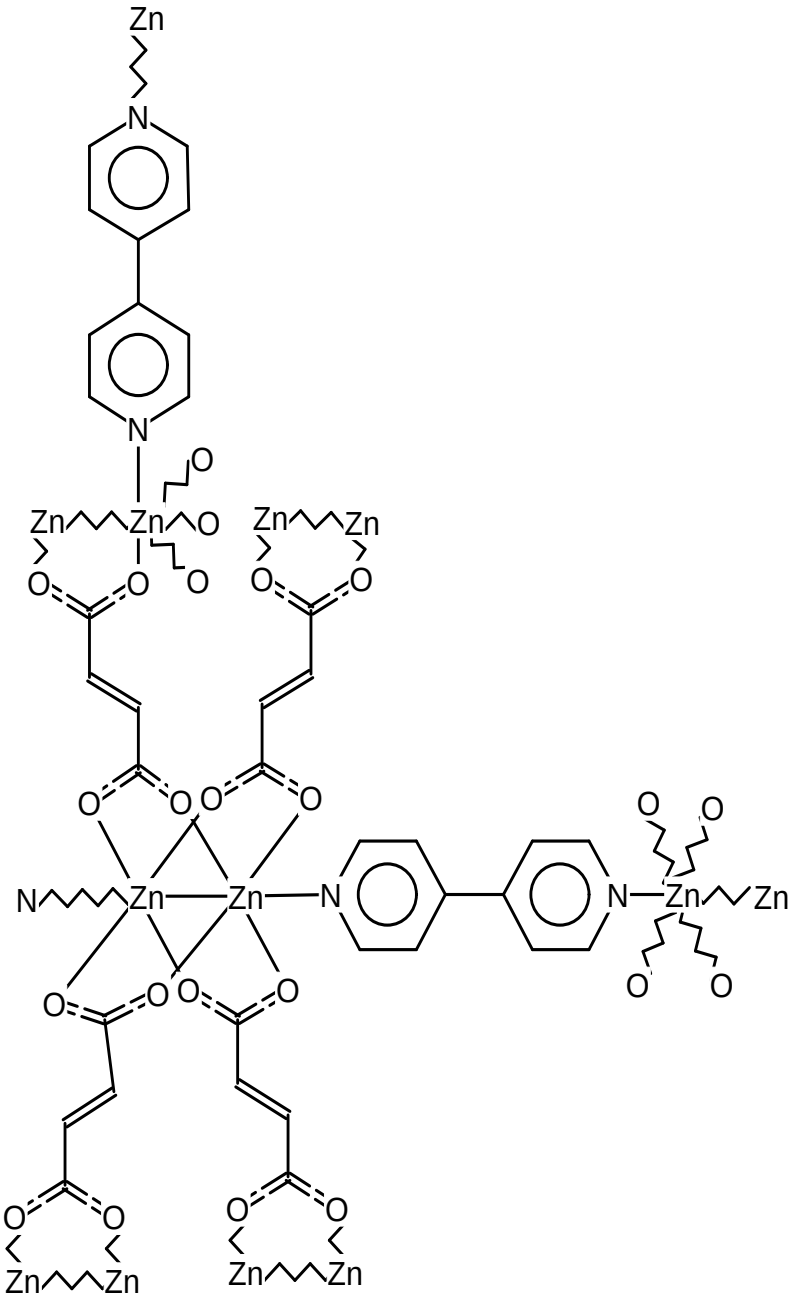
Reference: Bao-Qing Ma, K.L.Mulfort, J.T.Hupp (2005) *Inorg.Chem.* , **44,**4912

Formula: $(C_{36}\ H_{24}\ N_4\ O_{16}\ Zn_4)n$

Compound Name: catena-[tetrakis(μ_4-Fumarato)-bis(μ_2-4,4'-bipyridyl)-tetra-zinc(ii)]

Space Group:	C2/m	***Cell:***	***a***	13.462(6)	***b*** 11.314(6)	***c***	14.037(4)
Space Group No.:	12	***(Å,°)***	α	90.00	β 105.41(0)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 0.000



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1441

MAVSIM

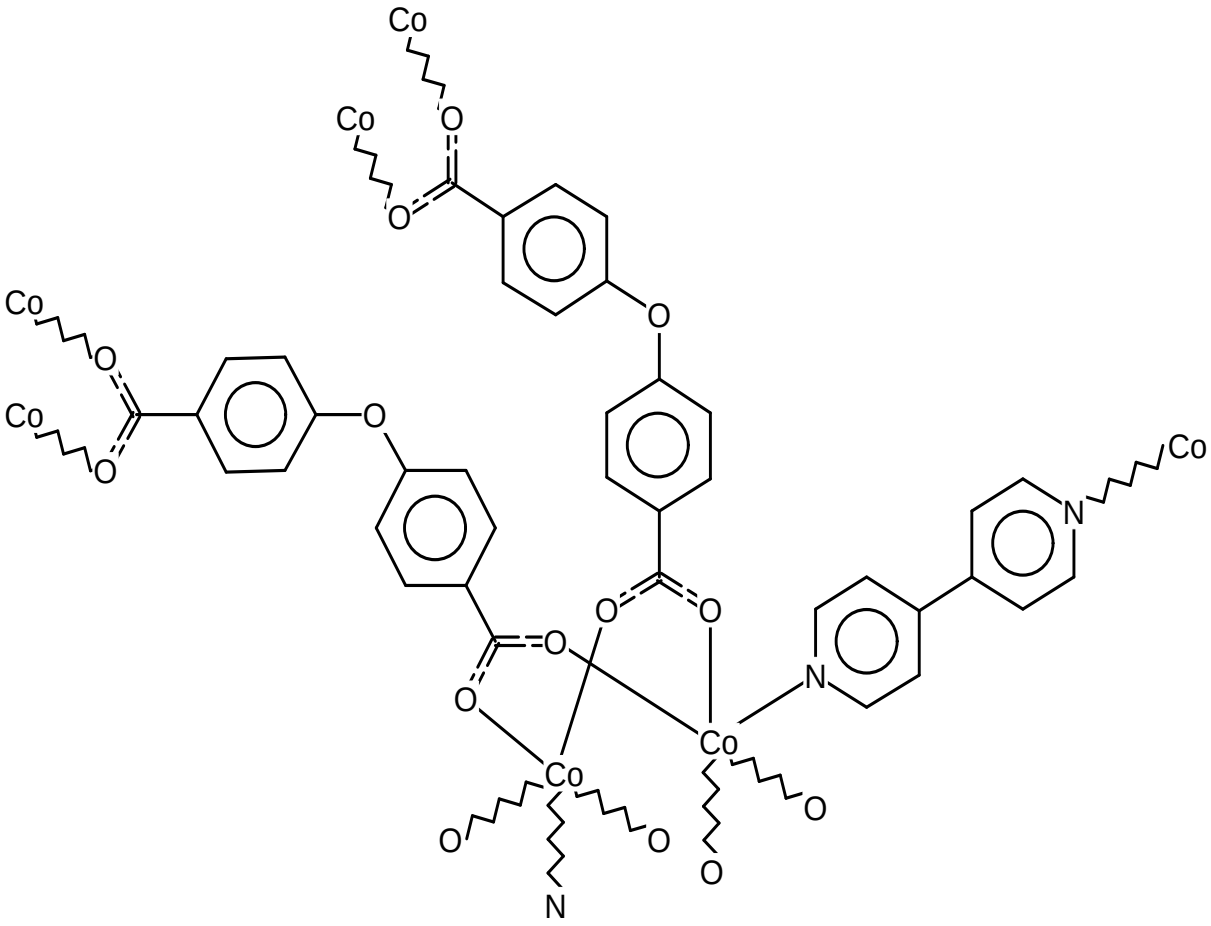
Reference: Chang-Yan Sun, Xiang-Jun Zheng, Song Gao, Li-Cun Li, Lin-Pei Jin (2005) *Eur.J.Inorg.Chem.* ,4150

Formula: $(C_{38}\ H_{24}\ Co_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_2-4,4'-Oxybis(benzoato))-(μ_2-4,4'-bipyridyl)-di-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	22.376(7)	***b*** 13.685(5)	***c***	12.770(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 116.21(0)	γ	90.00

R-Factor (%): 6.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.489



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1442

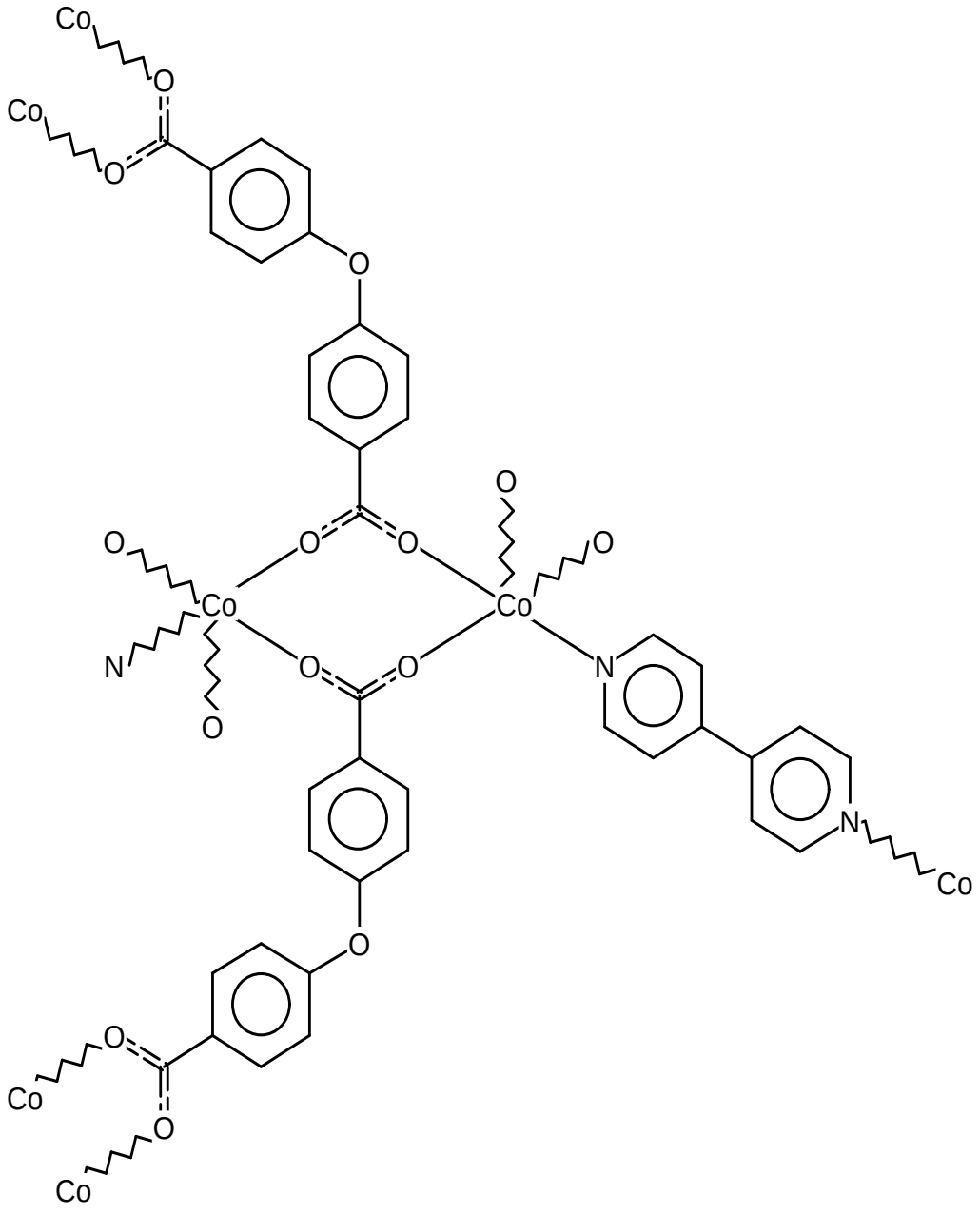
MAVSIM01

Reference: P.Mahata, G.Madras, S.Natarajan (2006) *J.Phys.Chem.B* , **110,**13759

Formula: $(C_{38}\ H_{24}\ Co_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_4-4,4'-oxybis(benzoato)-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	22.493(3)	***b*** 13.691(1)	***c***	12.768(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.72(0)	γ	90.00
R-Factor (%):	7.55	***Temperature(K):***	293		***Density(g/cm^3):***	1.475	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1443

MAWRUY

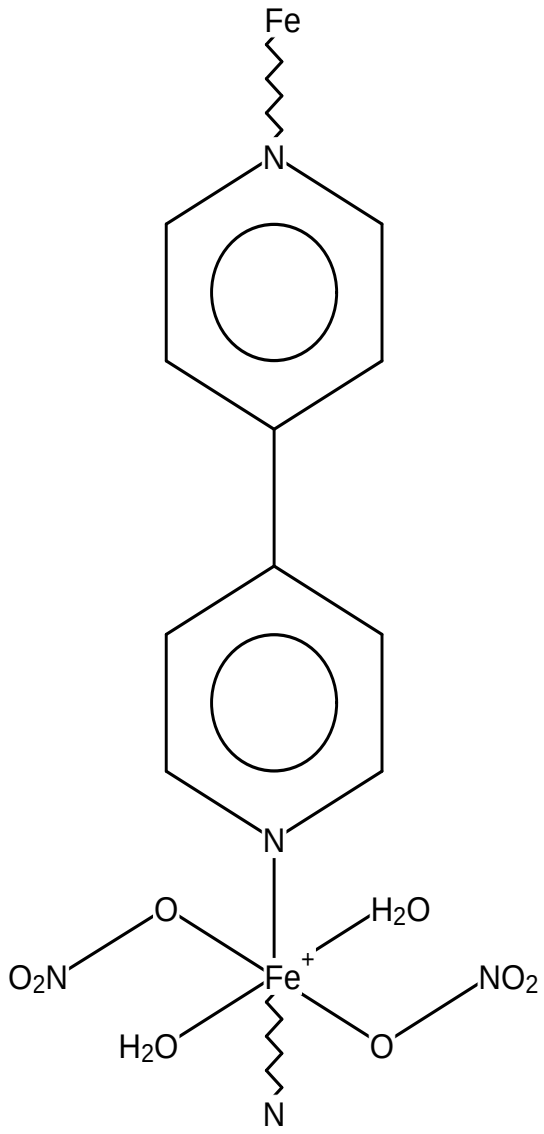
Reference: K.Abu-Shandi, H.Winkler, H.Paulsen, R.Glaum, Biao Wu, C.Janiak (2005) *Z.Anorg.Allg.Chem.* ,**631,**2705

Formula: $(C_{10}\ H_{12}\ Fe_1\ N_4\ O_8\ ^{1+})n,n(H_1\ O_1\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-dinitrato-iron(iii) hydroxide monohydrate)

Space Group:	Pccn	***Cell:***	***a***	11.808(2)	***b***	19.487(4)	***c*** 7.407(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.30 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.586



OH^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1444

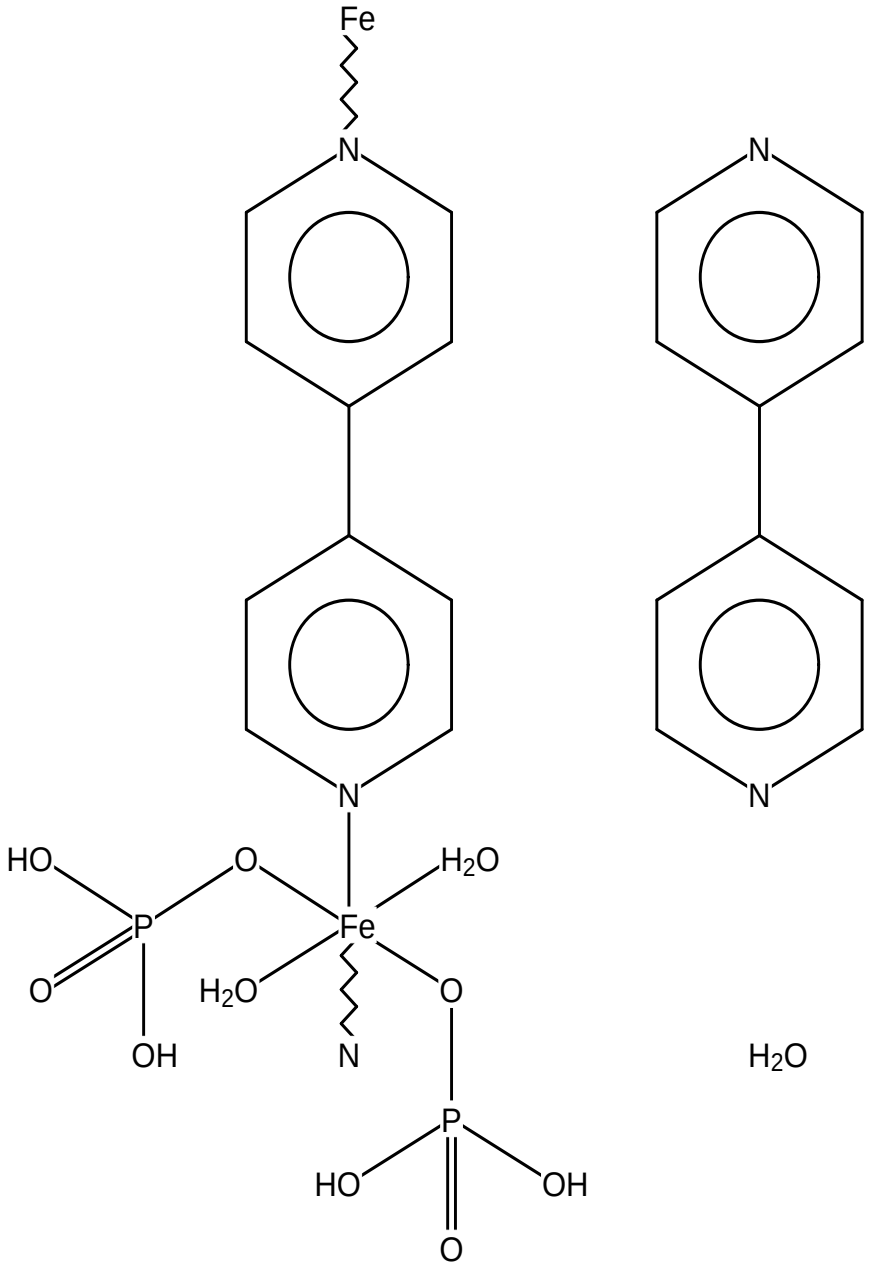
MAWSAF

Reference: K.Abu-Shandi, H.Winkler, H.Paulsen, R.Glaum, Biao Wu, C.Janiak (2005) *Z.Anorg.Allg.Chem.* ,**631,**2705

Formula: $(C_{10}\ H_{16}\ Fe_1\ N_2\ O_{10}\ P_2)n,n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-diaqua-bis(dihydrogen phosphato)-iron(ii) 4,4'-bipyridine monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.173(1)	***b***	11.472(3)	***c***	15.109(4)
Space Group No.:	2	***(Å,°)***	α	78.66(0)	β	82.37(0)	γ	87.23(0)
R-Factor (%):	6.93	***Temperature(K):***	213		***Density(g/cm^3):***		1.694	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1445

MAZBAQ

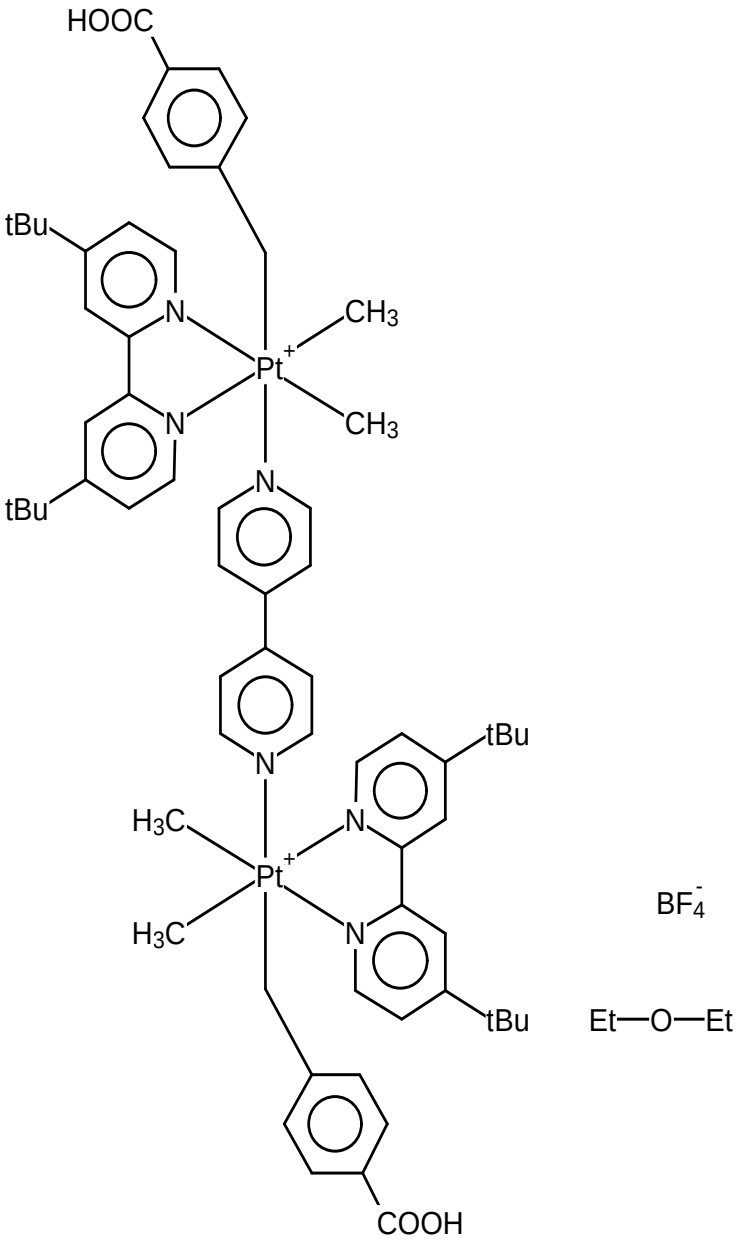
Reference: C.S.A.Fraser, H.A.Jenkins, M.C.Jennings, R.J.Puddephatt (2000) *Organometallics ,***19,**1635

Formula: $C_{66}\ H_{82}\ N_6\ O_4\ Pt_2^{\ 2+},2(B_1\ F_4^{\ 1-}),2(C_4\ H_{10}\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(4,4'-di-t-butyl-2,2'-bipyridine)-tetramethyl-(bis(4-carboxyphenyl)methyl)-di-platinum(iv) bis(tetrafluoroborate) diethyl ether solvate

Space Group:	P21/n	***Cell:***	***a***	14.566(0)	***b***	15.104(0)	***c***	19.403(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.97(0)	γ	90.00

R-Factor (%): 5.38 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.353



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1446

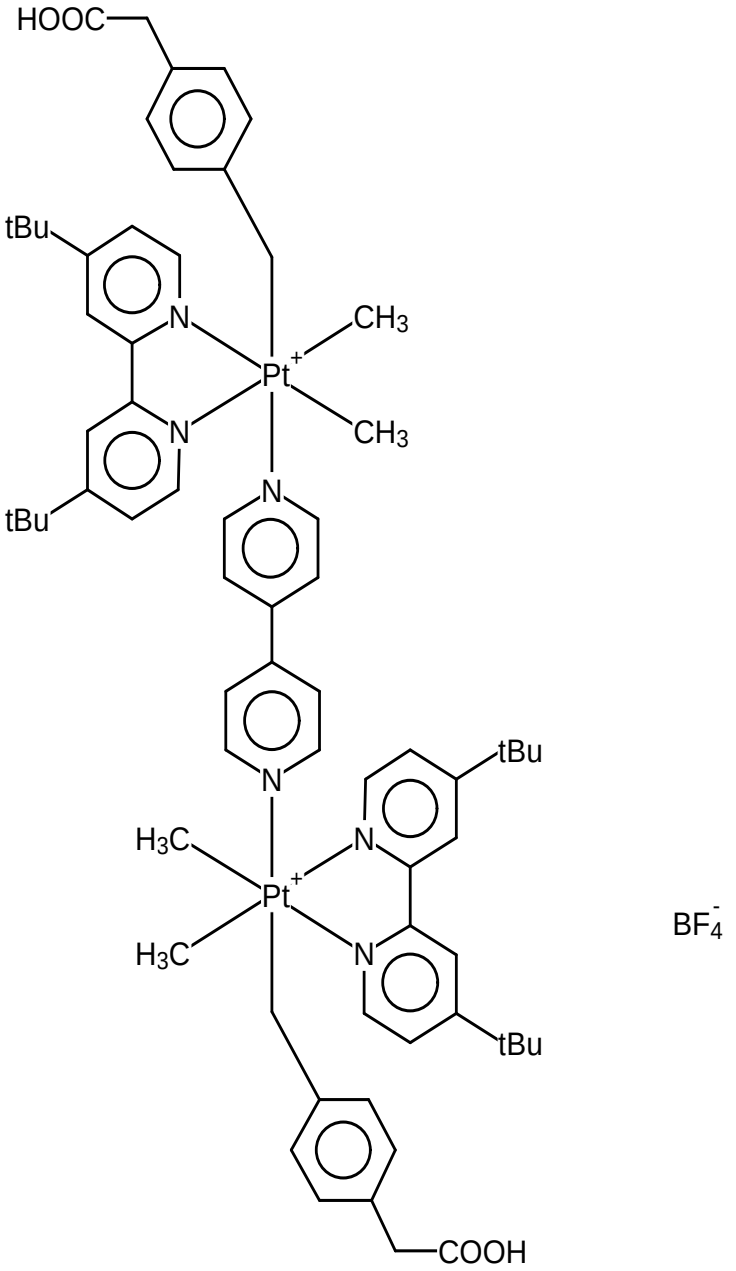
MAZBEU

Reference: C.S.A.Fraser, H.A.Jenkins, M.C.Jennings, R.J.Puddephatt (2000) *Organometallics ,***19,**1635

Formula: $C_{68}\ H_{86}\ N_6\ O_4\ Pt_2^{\ 2+},2(B_1\ F_4^{\ 1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(4,4'-di-t-butyl-2,2'-bipyridine)-tetramethyl-(bis(4-(carboxymethyl)phenyl)methyl)-di-platinum(iv) bis(tetrafluoroborate)

Space Group:	P21/n	***Cell:***	***a*** 12.441(0)	***b*** 22.708(1)	***c*** 13.452(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 90.30(0)	γ 90.00
R-Factor (%):	5.92	***Temperature(K):***	295	***Density(g/cm^3):***	1.412



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1447

MBPYCU

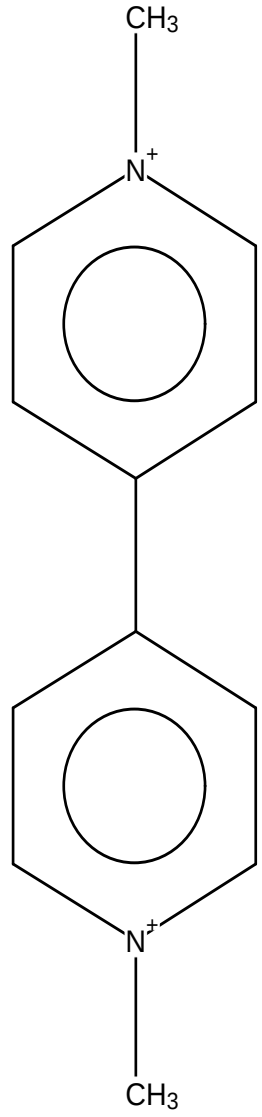
Reference: J.H.Russell, S.C.Wallwork (1969)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***25,**1691

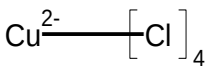
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},Cl_4\ Cu_1\ ^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-bipyridinium tetrachlorocuprate

Space Group:	Pbcn	***Cell:***	***a***	12.630(10)	***b***	16.180(10)	***c***	7.520(10)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.30	***Temperature(K):***	295	***Density(g/cm^3):***	1.693





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1448

MEDRIW

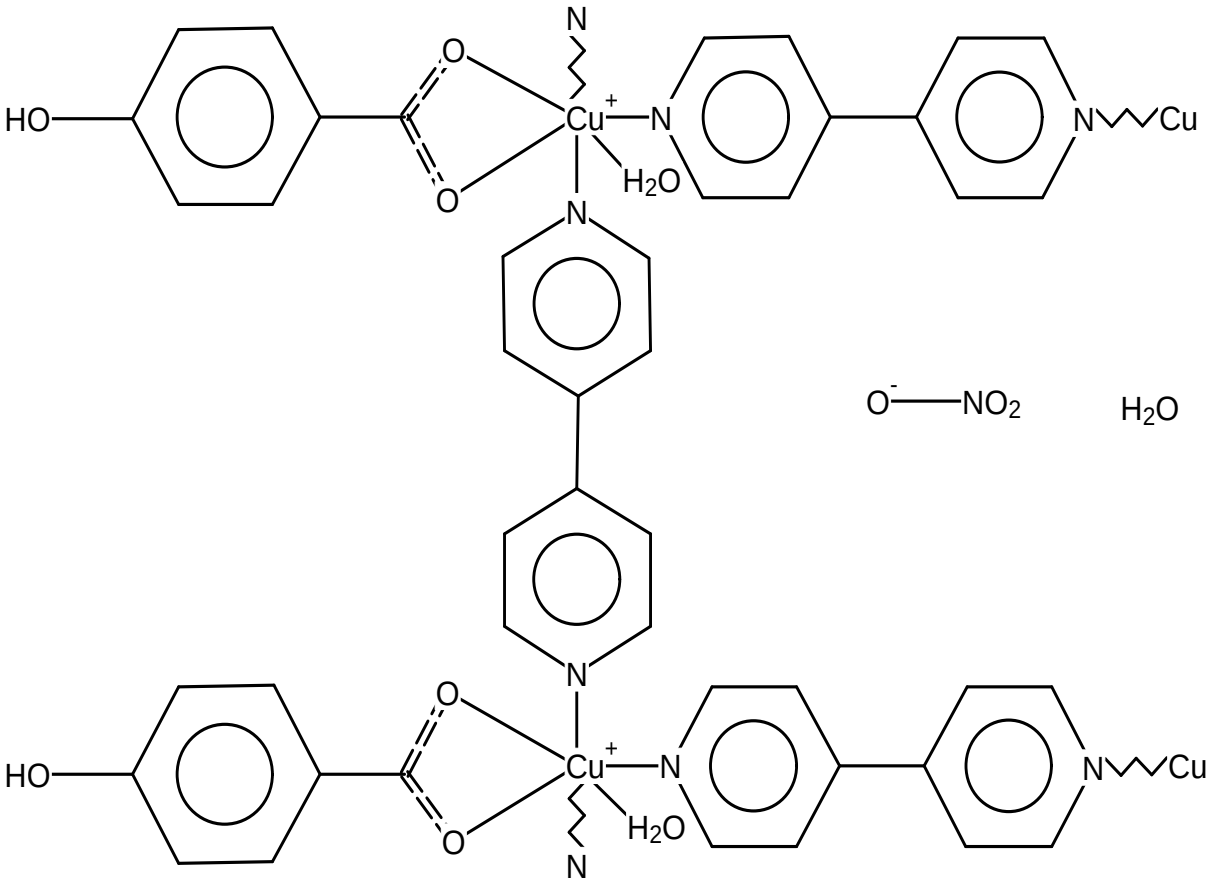
Reference: Ming-Liang Tong, Hong-Ji Chen, Xiao-Ming Chen (2000) *Inorg.Chem. ,***39,**2235

Formula: $(C_{44}\ H_{38}\ Cu_2\ N_6\ O_8\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridyl)-diaqua-bis(p-hydroxybenzoato)-di-copper dinitrate tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.023(3)	***b*** 15.398(8)	***c***	14.315(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.02	γ	90.00

R-Factor (%): 4.56 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.567



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1449

MEDROC

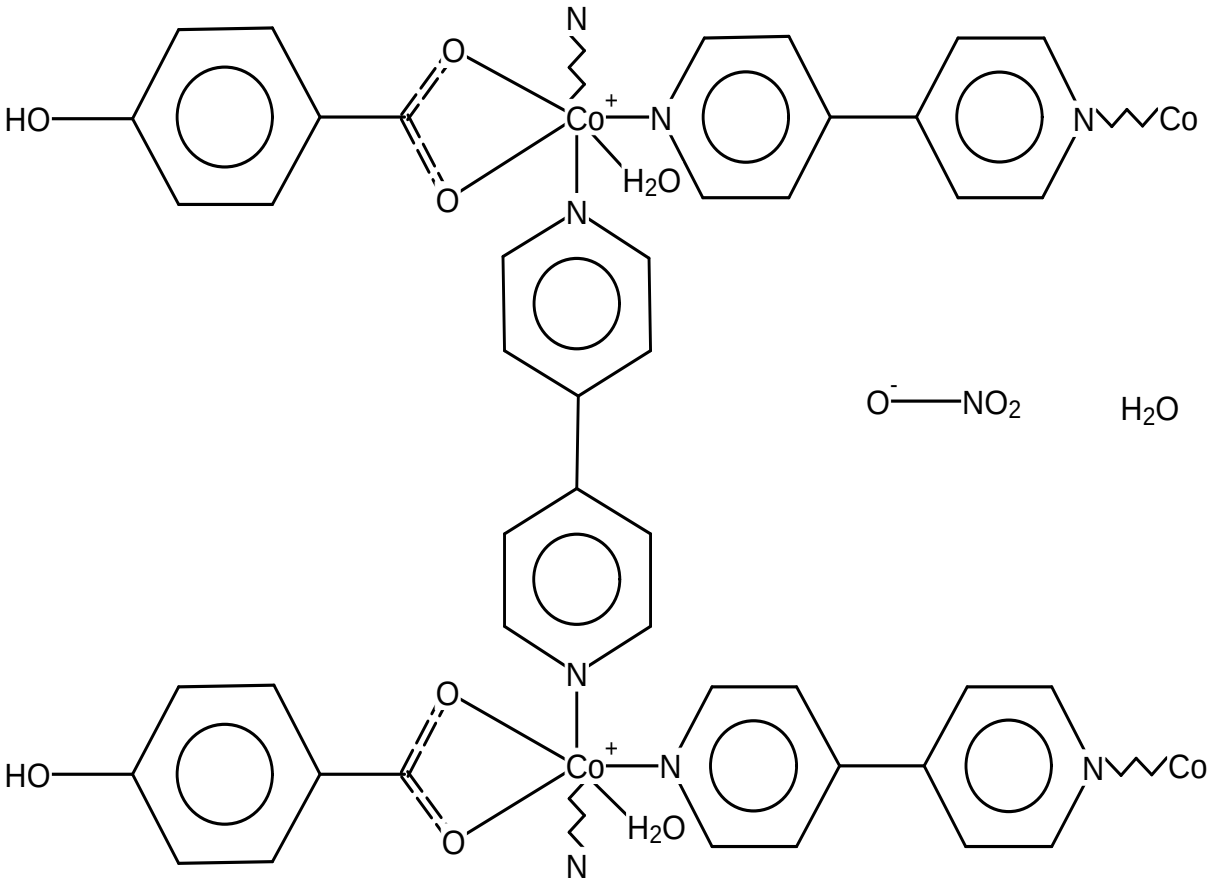
Reference: Ming-Liang Tong, Hong-Ji Chen, Xiao-Ming Chen (2000) *Inorg.Chem. ,***39,**2235

Formula: $(C_{44}\ H_{38}\ Co_2\ N_6\ O_8\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridyl)-diaqua-bis(p-hydroxybenzoato)-di-cobalt dinitrate tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.104(1)	***b*** 15.490(1)	***c***	14.390(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.02(2)	γ	90.00

R-Factor (%): 4.43 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1450

MEFMIU

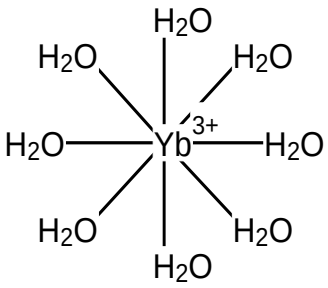
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006) *Cryst.Growth Des.* ,**6,**726

Formula: $2(H_{16}O_8Yb_1^{3+}),6(Cl_1^{1-}),5(C_{10}H_8N_2),13(H_2O_1)$

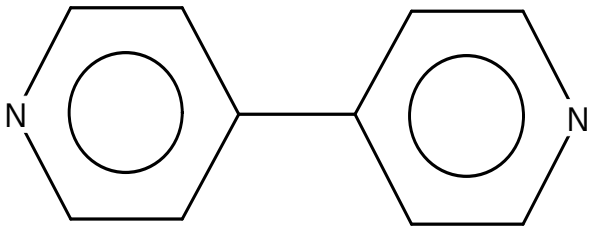
Compound Name: bis(Octaaqua-ytterbium(iii)) hexachloride pentakis(4,4-bipyridine) tridecahydrate clathrate

Space Group:	P-1	***Cell:***	***a***	10.065(0)	***b*** 13.991(0)	***c***	14.805(0)
Space Group No.:	2	***(Å,°)***	α	86.59	β 78.30	γ	71.02(0)

R-Factor (%): 5.75 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.602



Cl^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1451

MEFMOA

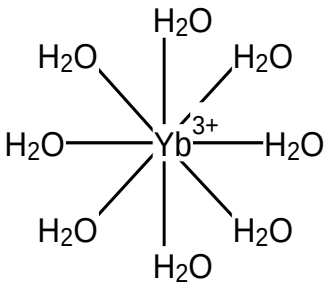
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006) *Cryst.Growth Des.* ,**6,**726

Formula: $4(H_{16}O_8Yb_1^{3+}),12(Cl_1^{1-}),9.5(C_{10}H_8N_2),_24.5(H_2O_1)$

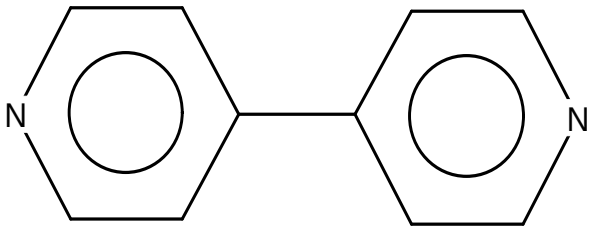
Compound Name: bis(tetrakis(Octaaqua-ytterbium(iii)) dodecachloride) nonadecakis(4,4-bipyridine) hydrate clathrate

Space Group:	P-1	***Cell:***	***a***	14.154(0)	***b***	14.838(0)	***c***	37.010(0)
Space Group No.:	2	***(Å,°)***	α	97.00	β	93.23	γ	93.91

R-Factor (%): 5.13 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.565



Cl^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1452

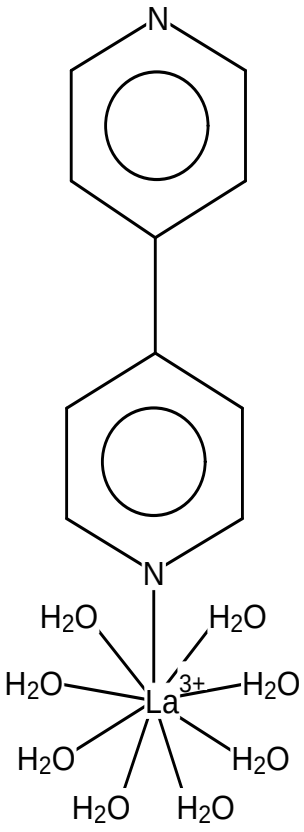
MEFMUG

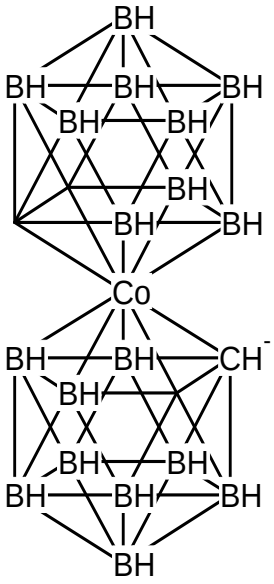
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006)
Cryst.Growth Des. ,**6,**726

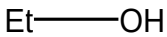
Formula: $2(C_{10}H_{24}La_1N_2O_8^{3+}),6(C_4H_{22}B_{18}Co_1^{1-}),10(C_{10}H_8N_2),1.5(C_2H_6O_1),15(H_2O_1)$

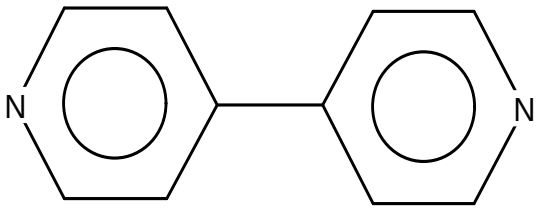
Compound Name: bis(Octaaqua-(4,4'-bipyridine)-lanthanum(iii)) hexakis(3,3'-commo-bis(3-cobalta-1,2-dicarba-closo-dodecaborate)) decakis(4,4-bipyridine) sesquikis(ethanol) pentadecahydrate clathrate

Space Group:	Pca21	***Cell:***	***a***	20.962(0)	***b***	32.163(0)	***c*** 35.425(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	7.09	***Temperature(K):***	150	***Density(g/cm^3):***	1.313		









H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1453

MEFNAN

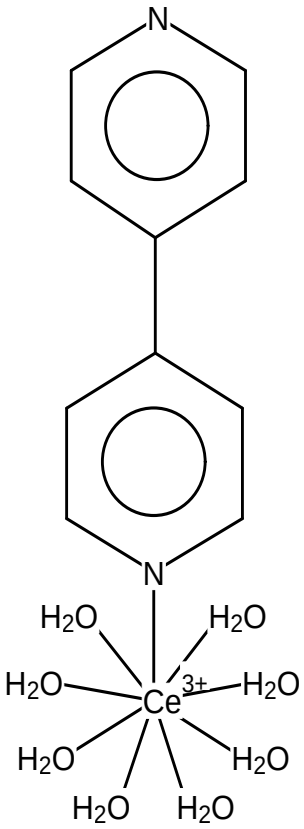
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006)
Cryst.Growth Des. ,**6,**726

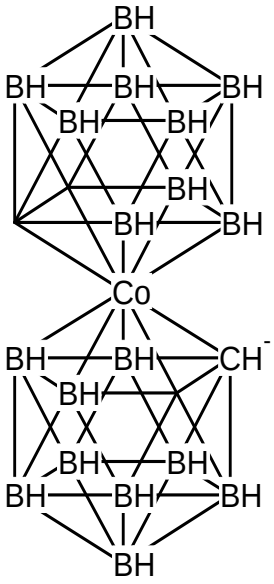
Formula: $2(C_{10}H_{24}Ce_1N_2O_8^{3+}),6(C_4H_{22}B_{18}Co_1^{1-}),10(C_{10}H_8N_2),1.5(C_2H_6O_1),15(H_2O_1$

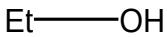
Compound Name: bis(Octaaqua-(4,4'-bipyridine)-cerium(iii)) hexakis(3,3'-commo-bis(3-cobalta-1,2-dicarba-closo-dodecaborate)) decakis(4,4-bipyridine) sesquikis(ethanol) pentadecahydrate clathrate

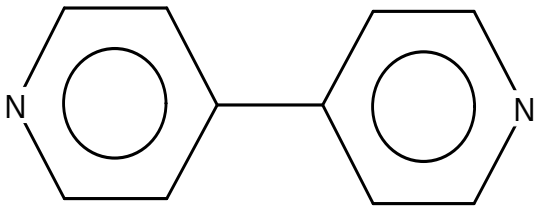
Space Group:	Pca21	***Cell:***	***a***	21.082(0)	***b***	32.108(0)	***c*** 35.440(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.35 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.308









H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1454

MEFNER

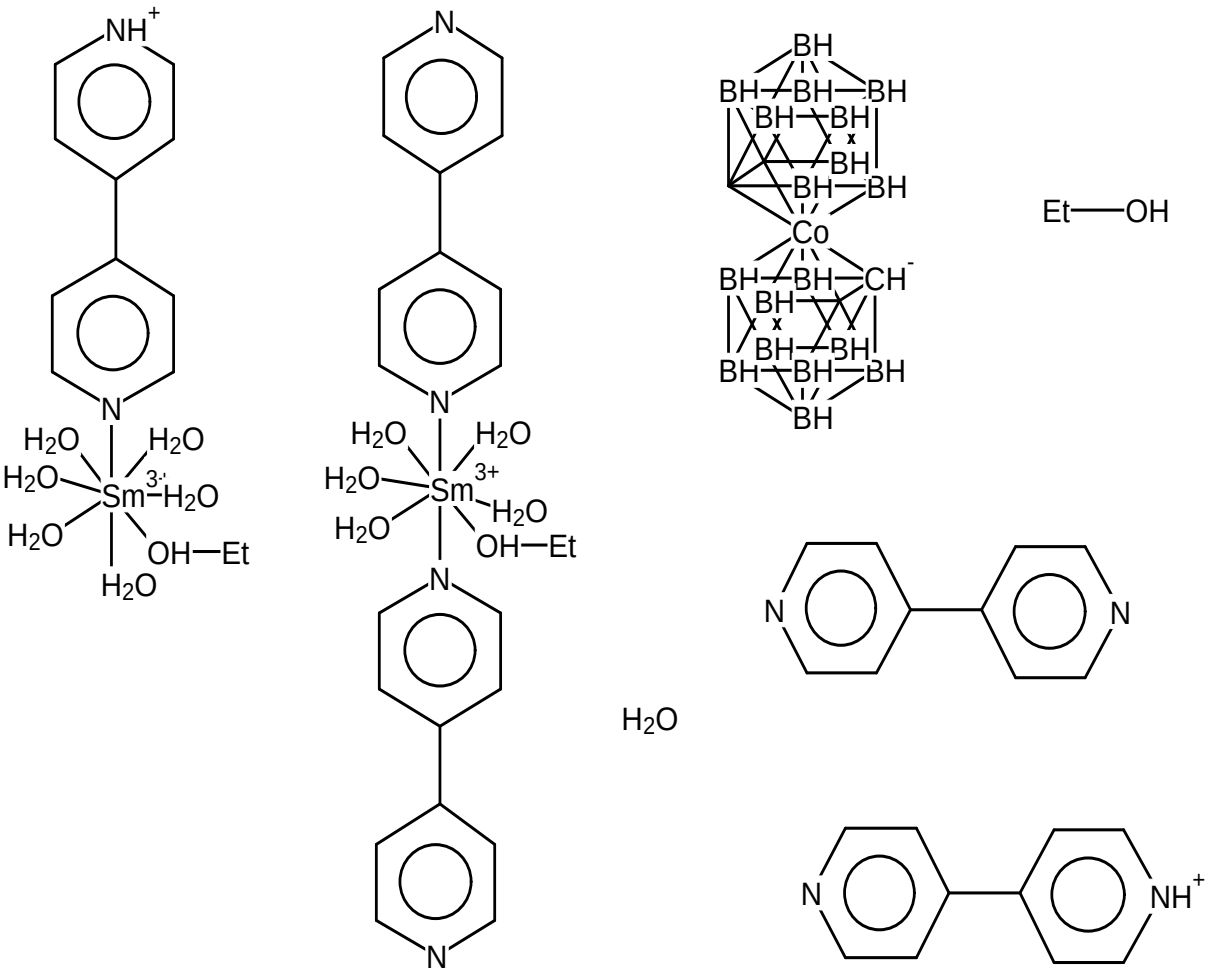
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006) *Cryst.Growth Des.* ,**6,**726

Formula: $C_{12}\,H_{27}\,N_2\,O_7\,Sm_1\,^{4+}$,$C_{22}\,H_{32}\,N_4\,O_6\,Sm_1\,^{3+}$,$C_{10}\,H_9\,N_2\,^{1+}$,8($C_4\,H_{22}\,B_{18}\,Co_1\,^{1-}$),10(C

Compound Name: Hexaaqua-(4,4-bipyridinium)-ethanol-samarium(iii) pentaaqua-ethanol-bis(4,4'-bipyridine)-samarium(iii) 4,4'-bipyridinium octakis(3,3'-commo-bis(3-cobalta-1,2-dicarba-closo-dodecaborate)) decakis(4,4-bipyridine) ethanol nonahydrate clathrate

Space Group:	P1	***Cell:***	***a***	13.645(0)	***b***	15.416(0)	***c*** 35.635(0)
Space Group No.:	1	***(Å,°)***	α	84.67(0)	β	89.82(0)	γ 68.82(0)

R-Factor (%): 14.14 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.332



Search: search1 (Thu May 26 10:05:42 2011): Hit 1455

MEFNIV

Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006)
Cryst.Growth Des. ,**6,**726

Formula: $C_{20}\ H_{29}\ N_4\ O_6\ Tb_1^{\ 4+}$,$C_{20}\ H_{28}\ N_4\ O_6\ Tb_1^{\ 3+}$,$C_{10}\ H_{22}\ N_2\ O_7\ Tb_1^{\ 3+}$,2($C_{10}\ H_9\ N_2^{\ 1+}$),12

Compound Name: bis(Hexaaqua-(4,4'-bipyridinium)-(4,4'-bipyridine)-terbium(iii) hexaaqua-bis(4,4'-bipyridine)-terbium(iii) heptaaqua-(4,4'-bipyridine)-terbium(iii) bis(4,4'-bipyridinium) dodecakis(3,3'-commo-bis(3-cobalta-1,2-dicarba-closo-dodecaborate)) pentahydrate) octacosakis(4,4'-bipyridine) heptadecakis(ethanol) clathrate

Space Group:	P-1	***Cell:***	***a***	13.690(0)	***b***	28.882(2)	***c*** 54.376(4)
Space Group No.:	2	***(Å,°)***	α	97.57(0)	β	95.52(0)	γ 95.00(0)

R-Factor (%): 7.70 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.333

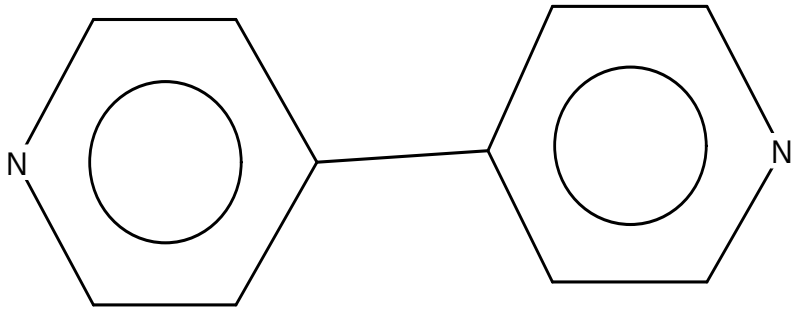
$Co[C_2B_9\text{-}\kappa^2C,C',\kappa^3B,B',B'']_2$

$Tb[C_{10}H_8N_2][O]_7$

$Tb[C_{10}H_8N_2]_2[O]_6$

OEt

H_2O



Search: search1 (Thu May 26 10:05:42 2011): Hit 1456

MEFNOB

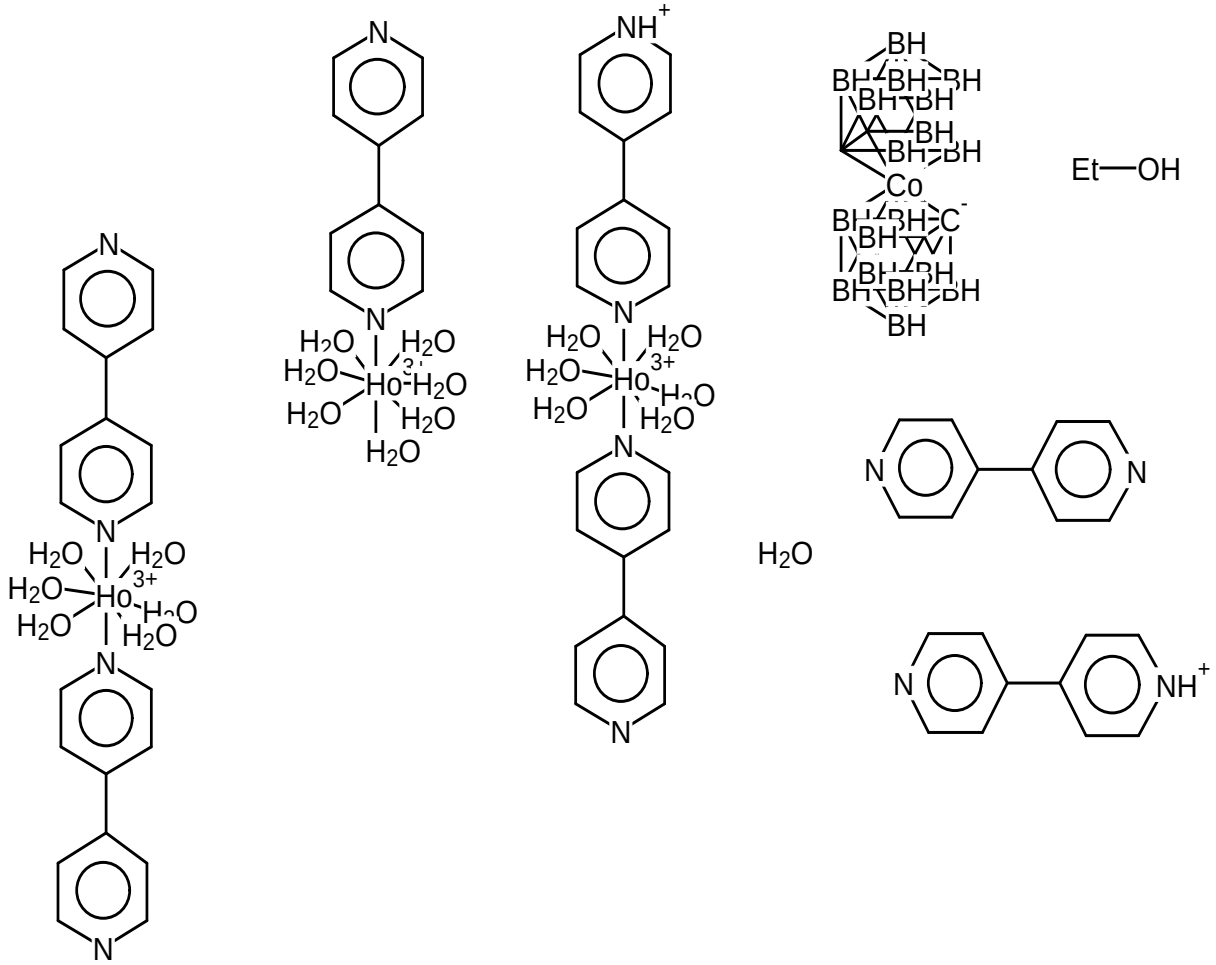
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006)
Cryst.Growth Des. ,**6,**726

Formula: $C_{20}\ H_{29}\ Ho_1\ N_4\ O_6\ ^{4+}$,$C_{20}\ H_{28}\ Ho_1\ N_4\ O_6\ ^{3+}$,$C_{10}\ H_{22}\ Ho_1\ N_2\ O_7\ ^{3+}$,2($C_{10}\ H_9\ N_2\ ^{1+}$),1

Compound Name: bis(Hexaaqua-(4,4'-bipyridinium)-(4,4'-bipyridine)-holmium(iii) hexaaqua-bis(4,4'-bipyridine)-holmium(iii) heptaaqua-(4,4'-bipyridine)-holmium(iii) bis(4,4'-bipyridinium) dodecakis(3,3'-commo-bis(3-cobalta-1,2-dicarba-closo-dodecaborate)) pentahydrate) octacosakis(4,4'-bipyridine) pentadecakis(ethanol) clathrate

Space Group:	P-1	***Cell:***	***a***	13.751(1)	***b***	29.005(3)	***c***	54.610(5)
Space Group No.:	2	***(Å,°)***	α	97.53(0)	β	95.52(0)	γ	94.95(0)

R-Factor (%): 16.49 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.303



Search: search1 (Thu May 26 10:05:42 2011): Hit 1457

MEFPET

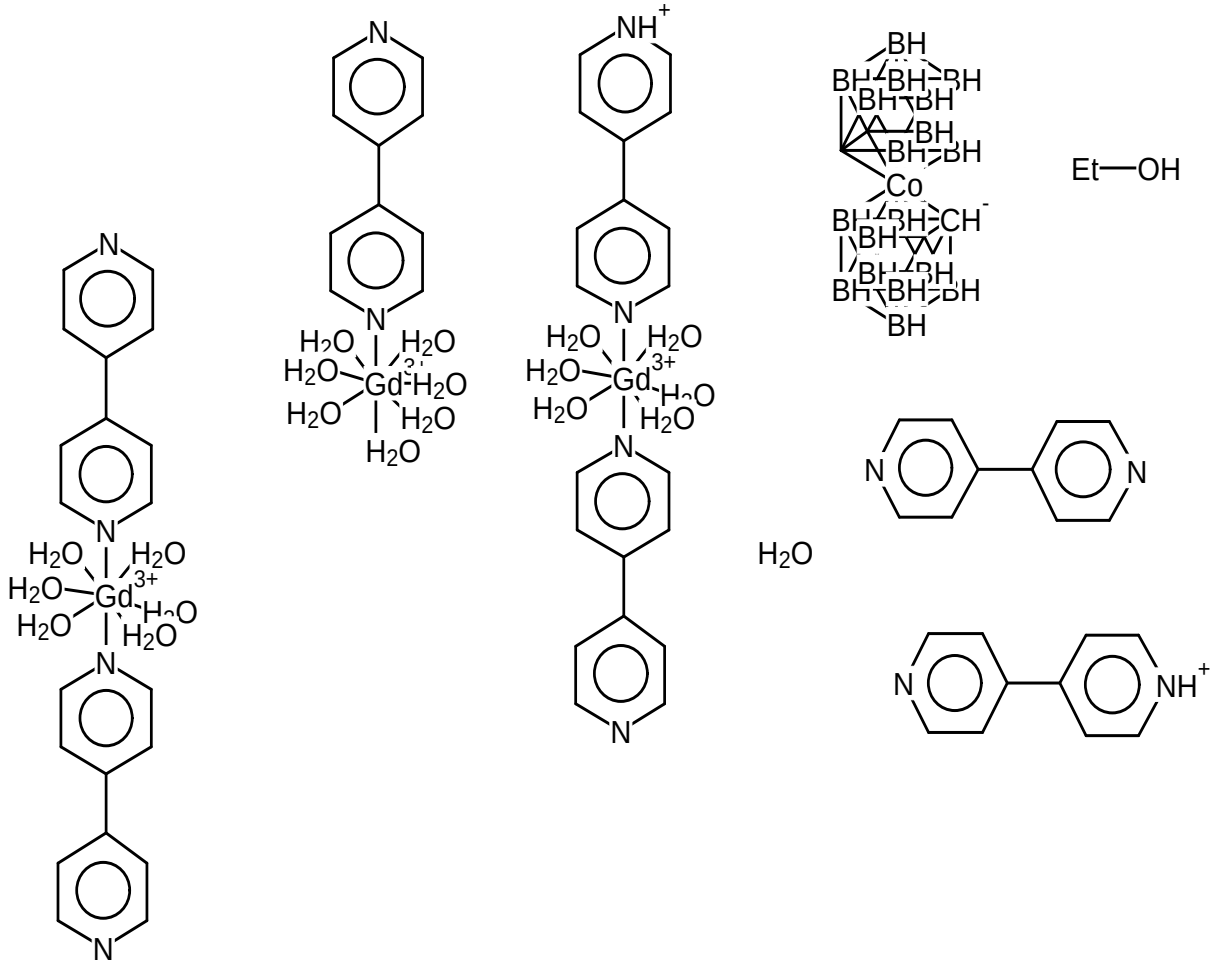
Reference: L.Cunha-Silva, A.Westcott, N.Whitford, M.J.Hardie (2006) *Cryst.Growth Des.* ,**6,**726

Formula: $C_{20}\,H_{29}\,Gd_1\,N_4\,O_6^{\,4+}$,$C_{20}\,H_{28}\,Gd_1\,N_4\,O_6^{\,3+}$,$C_{10}\,H_{22}\,Gd_1\,N_2\,O_7^{\,3+}$,2($C_{10}\,H_9\,N_2^{\,1+}$),1

Compound Name: Hexaaqua-(4,4'-bipyridinium)-(4,4'-bipyridine)-gadolinium(iii) hexaaqua-bis(4,4'-bipyridine)-gadolinium(iii) heptaaqua-(4,4'-bipyridine)-gadolinium(iii) bis(4,4'-bipyridinium) dodecakis(3,3'-commo-bis(3-cobalta-1,2-dicarba-closo-dodecaborate)) tetradecakis(4,4'-bipyridine) octakis(ethanol) pentahydrate clathrate

Space Group:	P-1	***Cell:***	***a***	13.632(0)	***b***	25.863(0)	***c*** 54.129(0)
Space Group No.:	2	***(Å,°)***	α	97.36(0)	β	95.38(1)	γ 94.85(1)

R-Factor (%): 8.75 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.495



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1458

MEHYED

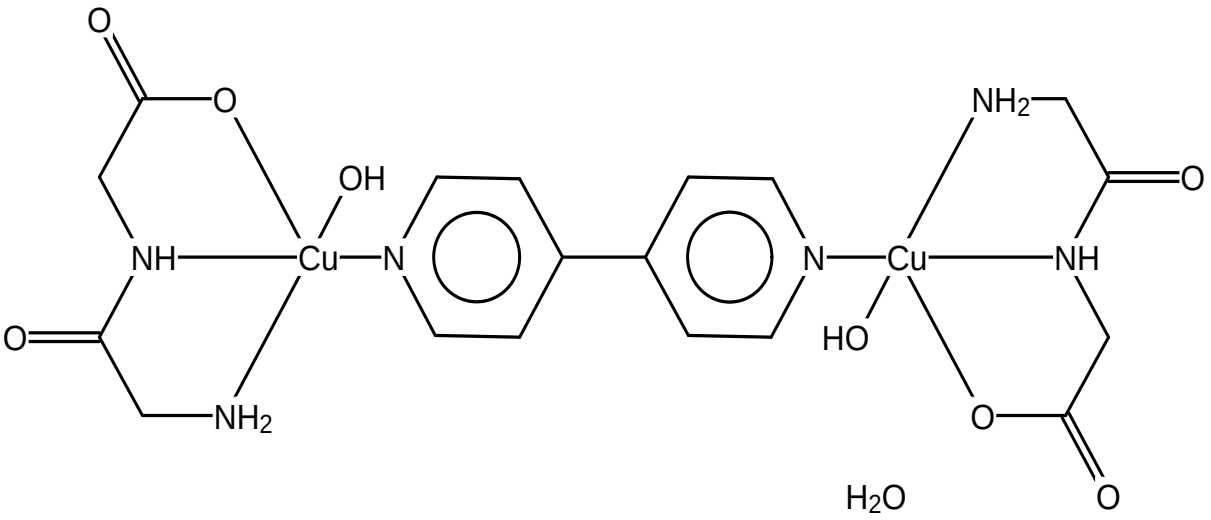
Reference: Xiu-Ying Guo, Wen-Xiang Zhang, Ai-Li Cui, Lian-Chun Shen, Feng-Shan Wang, Zhi-Ying Li (1998) *Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition))* , **19,**629

Formula: $C_{18}\ H_{24}\ Cu_2\ N_6\ O_8$,10($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(glycylglycinato)-dihydroxy-di-copper decahydrate

Space Group:	P1	***Cell:***	***a***	7.124(2)	***b***	11.405(10)	***c***	11.434(10)
Space Group No.:	1	***(Å,°)***	α	67.55	β	79.02	γ	77.97

R-Factor (%): 7.27 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.514



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1459

MEHYED01

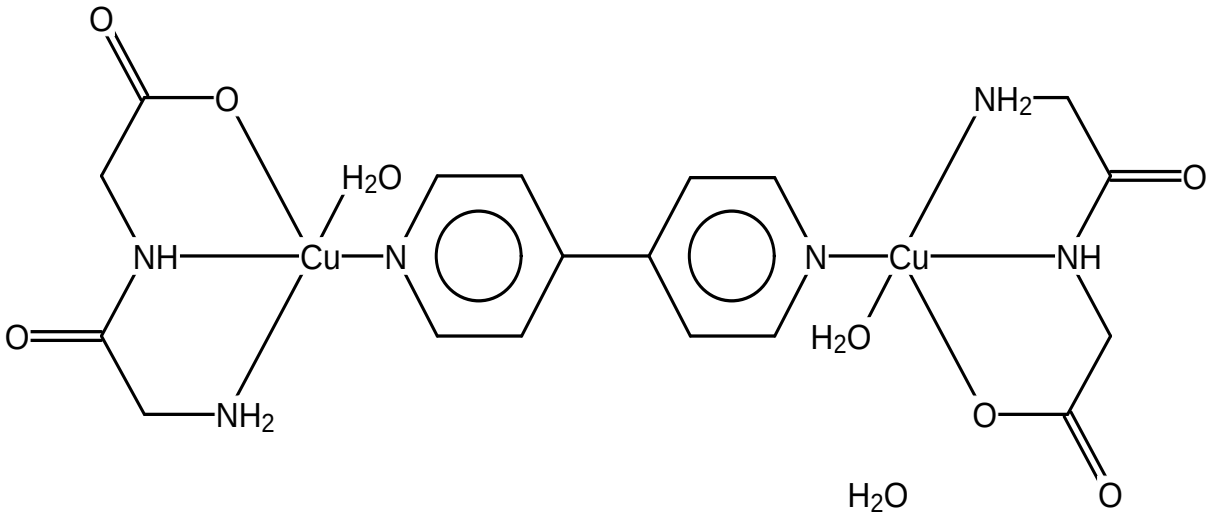
Reference: S.K.Ng, Zhao-Xiong Xie (2003)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**22,**691

Formula: $C_{18}\ H_{26}\ Cu_2\ N_6\ O_8$,10($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-diaqua-bis(glycylglycinato)-di-copper decahydrate

Space Group:	P-1	***Cell:***	***a***	7.124	***b*** 11.405	***c***	11.434
Space Group No.:	2	***(Å,°)***	α	67.55	β 79.02	γ	77.97

R-Factor (%):	7.30	***Temperature(K):***	295	***Density(g/cm^3):***	1.518



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1460

MEMZIO

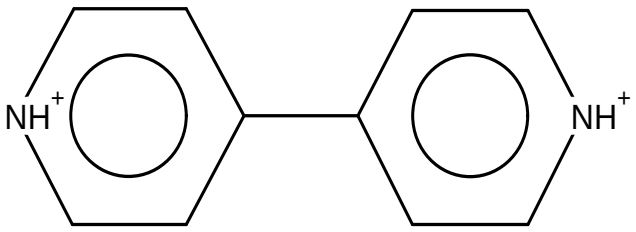
Reference: C.Ozyurek, K.Sendil, T.Gunes, N.Dilek, N.B.Arslan (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2191

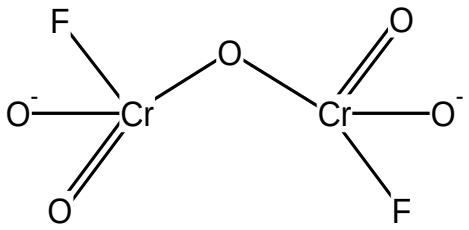
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cr_2\,F_2\,O_5\,^{2-}$

Compound Name: 4,4'-Bipyridinium (μ_2-oxo)-bis(fluorodioxochromate)

Space Group:	Pnma	***Cell:***	***a***	20.883(3)	***b***	12.346(1)	***c*** 5.057(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.937





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1461

MEMZUZ

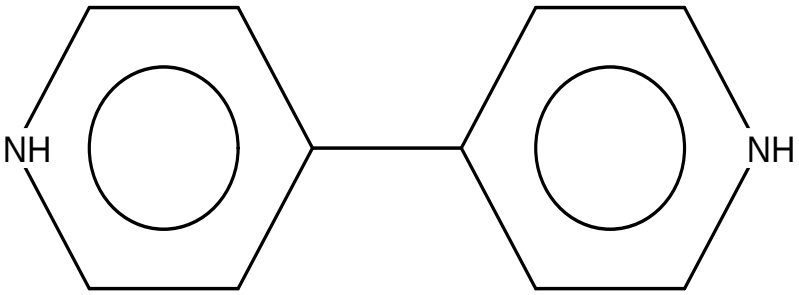
Reference: Hong-Ji Chen, Ling-Zhi Zhang, Zhi-Gang Cai, Guang Yang, Xiao-Ming Chen (2000) *J.Chem.Soc.,Dalton Trans.* ,2463

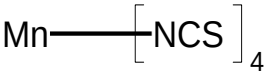
Formula: $C_{10}\,H_{10}\,N_2,C_4\,Mn_1\,N_4\,S_4$

Compound Name: 4,4'-Bipyridine tetrakis(isothiocyanato)-manganese(ii)

Space Group:	P21212	***Cell:***	***a***	12.755(4)	***b*** 13.169(4)	***c***	5.510(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.87 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.598





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1462

MENBAI

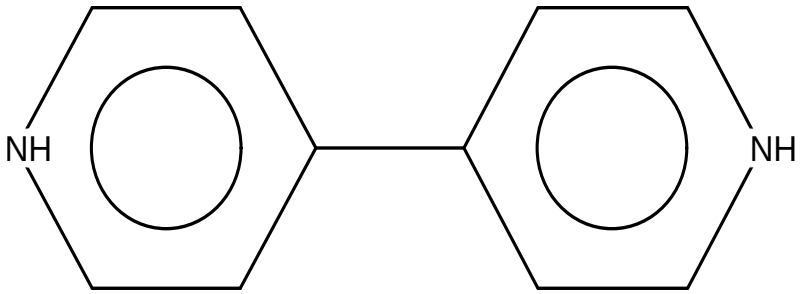
Reference: Hong-Ji Chen, Ling-Zhi Zhang, Zhi-Gang Cai, Guang Yang, Xiao-Ming Chen (2000) *J.Chem.Soc.,Dalton Trans.* ,2463

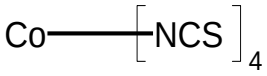
Formula: $C_{10}\,H_{10}\,N_2,C_4\,Co_1\,N_4\,S_4$

Compound Name: 4,4'-Bipyridine tetrakis(isothiocyanato)-cobalt(ii)

Space Group:	P21212	***Cell:***	***a***	12.858(4)	***b*** 13.019(2)	***c***	5.452(2)
Space Group No.:	18	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 2.91 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.636





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1463

MENBEM

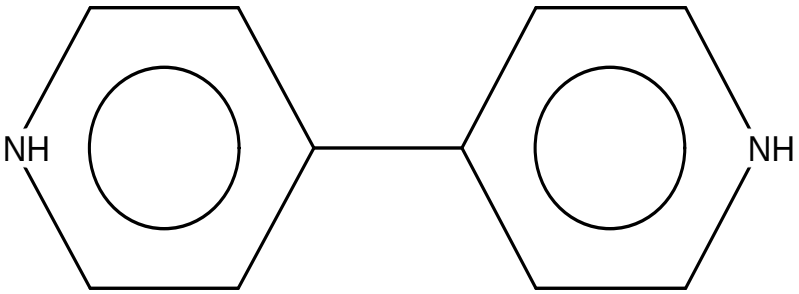
Reference: Hong-Ji Chen, Ling-Zhi Zhang, Zhi-Gang Cai, Guang Yang, Xiao-Ming Chen (2000) *J.Chem.Soc.,Dalton Trans.* ,2463

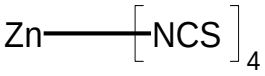
Formula: $C_{10}\,H_{10}\,N_2,C_4\,N_4\,S_4\,Zn_1$

Compound Name: 4,4'-Bipyridine tetrakis(isothiocyanato)-zinc(ii)

Space Group:	P21212	***Cell:***	***a***	12.895(7)	***b*** 13.008(4)	***c***	5.458(2)
Space Group No.:	18	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 5.14 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.654





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1464

MENMAU

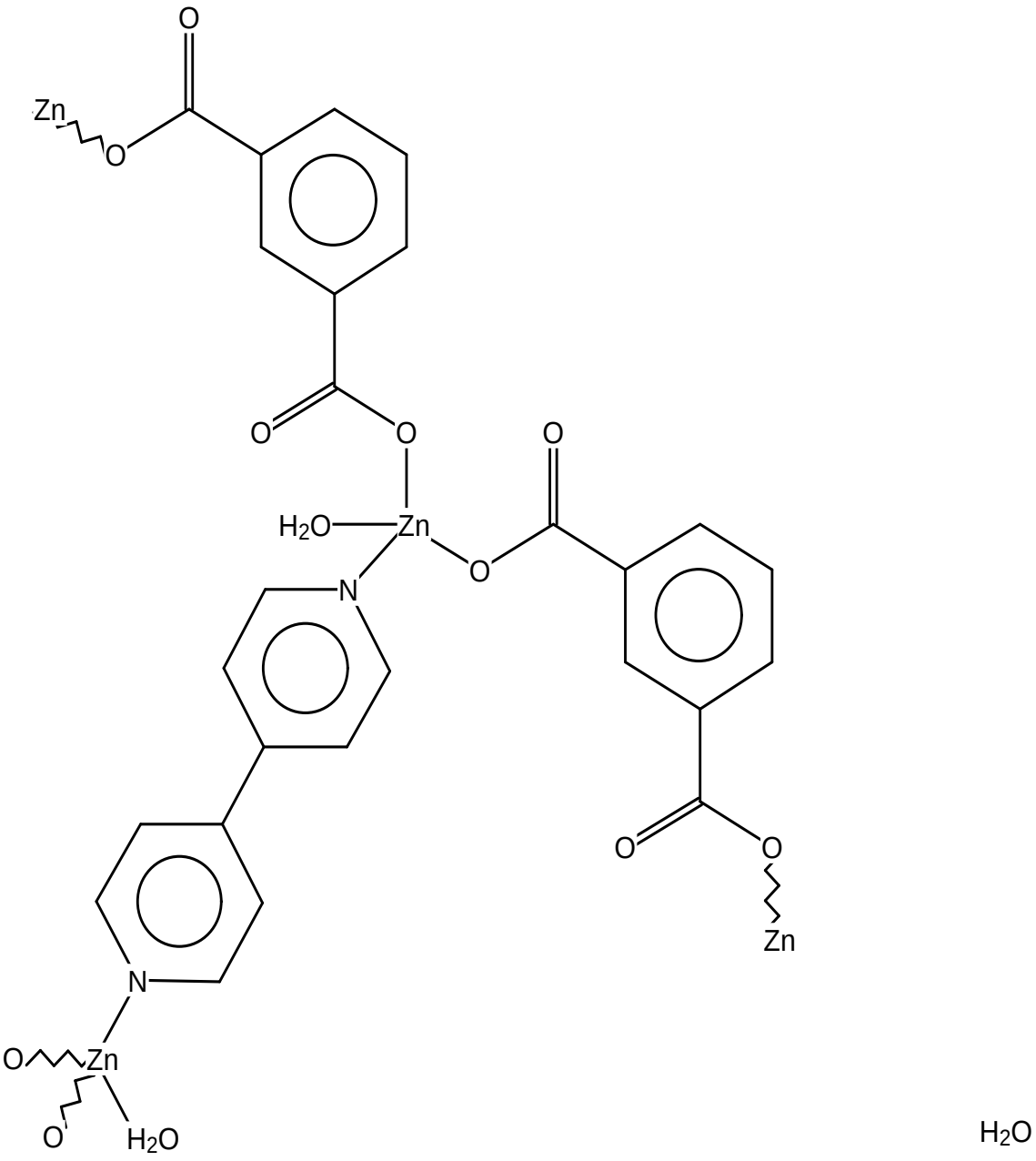
Reference: Ling-Yun Zhang, Xian-Zhong Sun (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2363

Formula: $(C_{26}\ H_{20}\ N_2\ O_{10}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Benzene-1,3-dicarboxylato-O,O')-(μ_2-4,4'-bipyridine)-bis(aqua-zinc(ii)) dihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.730(10)	***b*** 9.863(6)	***c***	12.230(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.07(2)	γ	90.00

R-Factor (%): 7.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.707



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1465

MEPKEY

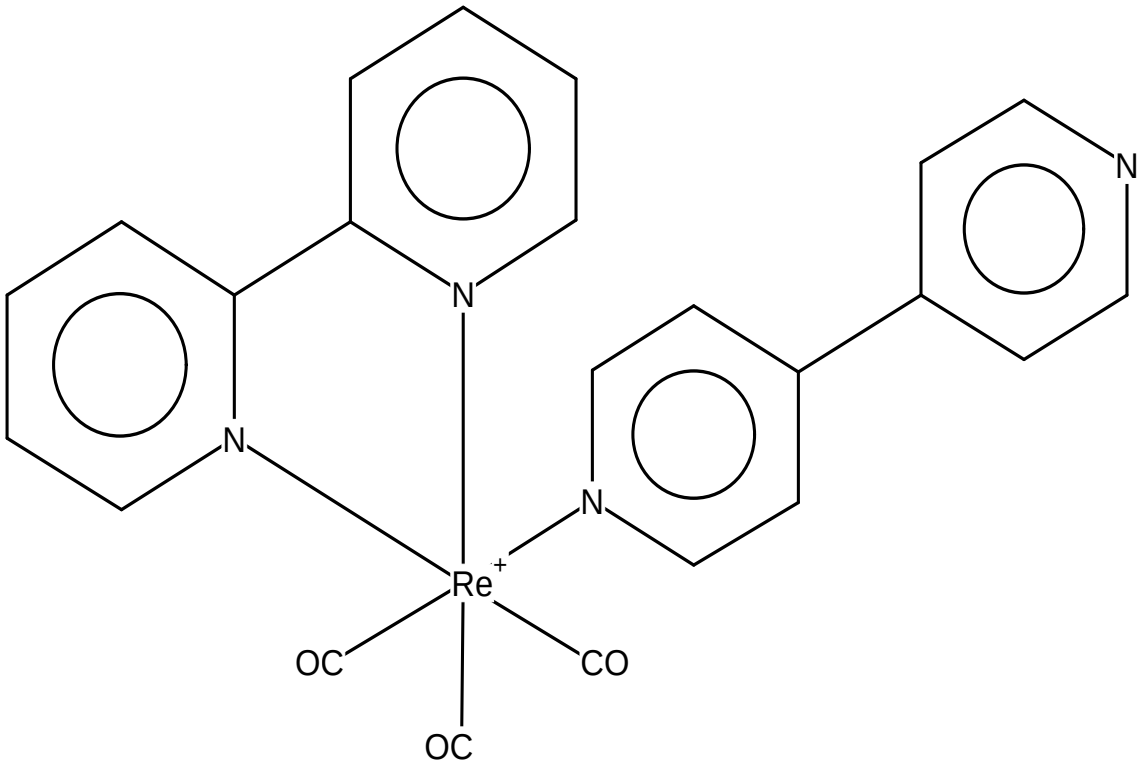
Reference: M.Casanova, E.Zangrando, F.Munini, E.Iengo, E.Alessio (2006) *Dalton Trans.* ,5033

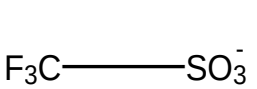
Formula: $C_{23}\ H_{16}\ N_4\ O_3\ Re_1\ ^{1+},C_1\ F_3\ O_3\ S_1\ ^{1-},C_1\ H_2\ Cl_2,0.5(C_4\ H_{10}\ O_1)$

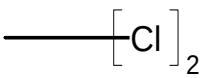
Compound Name: mer-Tricarbonyl-(4,4'-bipyridine-N)-(2,2'-bipyridine-N,N')-rhenium(i) trifluoromethanesulfonate dichloromethane diethyl ether solvate

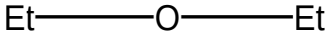
Space Group:	P-1	***Cell:***	***a***	8.350(2)	***b***	10.589(3)	***c*** 17.861(4)
Space Group No.:	2	***(Å,°)***	α	93.86(2)	β	99.75(2)	γ 94.78(2)

R-Factor (%):	4.36	***Temperature(K):***	210	***Density(g/cm^3):***	1.834









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1466

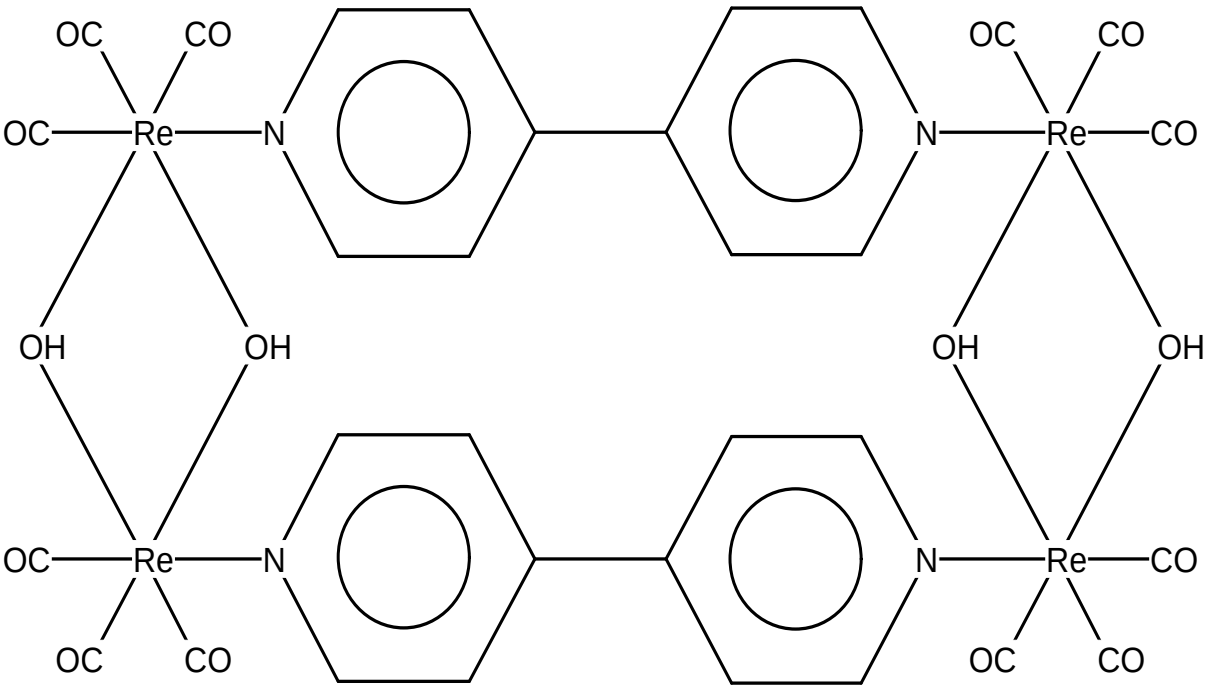
MEPKUO

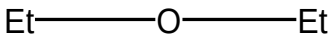
Reference: M.Casanova, E.Zangrando, F.Munini, E.Iengo, E.Alessio (2006) *Dalton Trans.* ,5033

Formula: $C_{32}\ H_{20}\ N_4\ O_{16}\ Re_4, C_4\ H_{10}\ O_1$

Compound Name: tetrakis(μ_2-Hydroxo)-bis(μ_2-4,4'-bipyridine-N,N')-dodecacarbonyl-tetra-rhenium(i) diethyl ether solvate

Space Group:	P21/n	***Cell:***	***a***	9.234(3)	***b***	18.285(4)	***c***	14.514(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.38(3)	γ	90.00
R-Factor (%):	6.72	***Temperature(K):***	170		***Density(g/cm^3):***	2.098		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1467

MEQCER

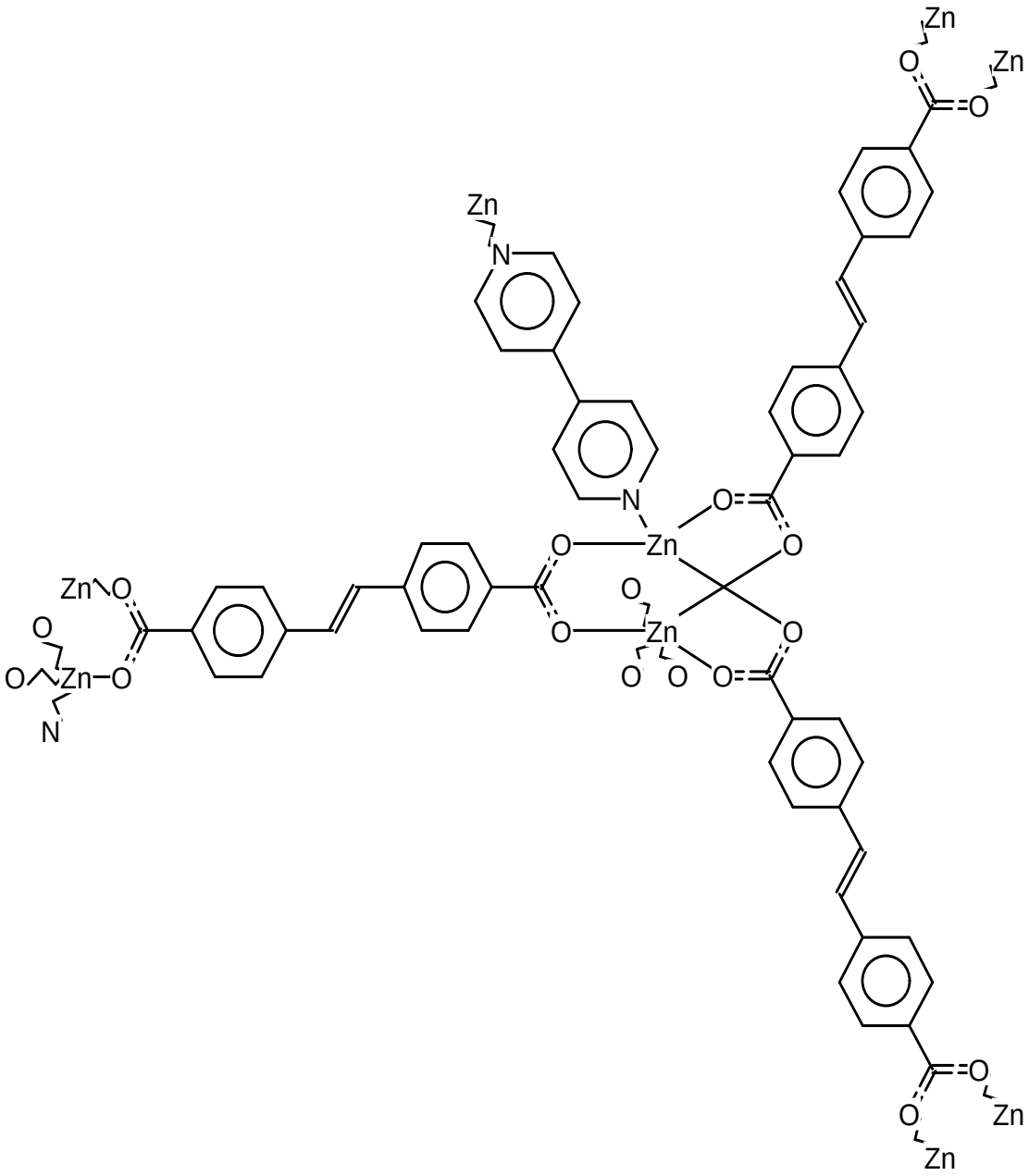
Reference: Huan-Yu Wang, Shan Gao, Jing-Gui Zhao, S.W.Ng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m3298

Formula: $(C_{58}\ H_{38}\ N_2\ O_{12}\ Zn_3)n$

Compound Name: catena-(tris(μ_4-(E)-4,4'-(Ethene-1,2-diyl)dibenzoato)-(μ_2-4,4'-bipyridine)-zinc(ii))

Space Group:	R-3	***Cell:***	***a***	16.134(1)	***b***	16.134(1)	***c*** 18.162(1)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.401



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1468

MESSIN

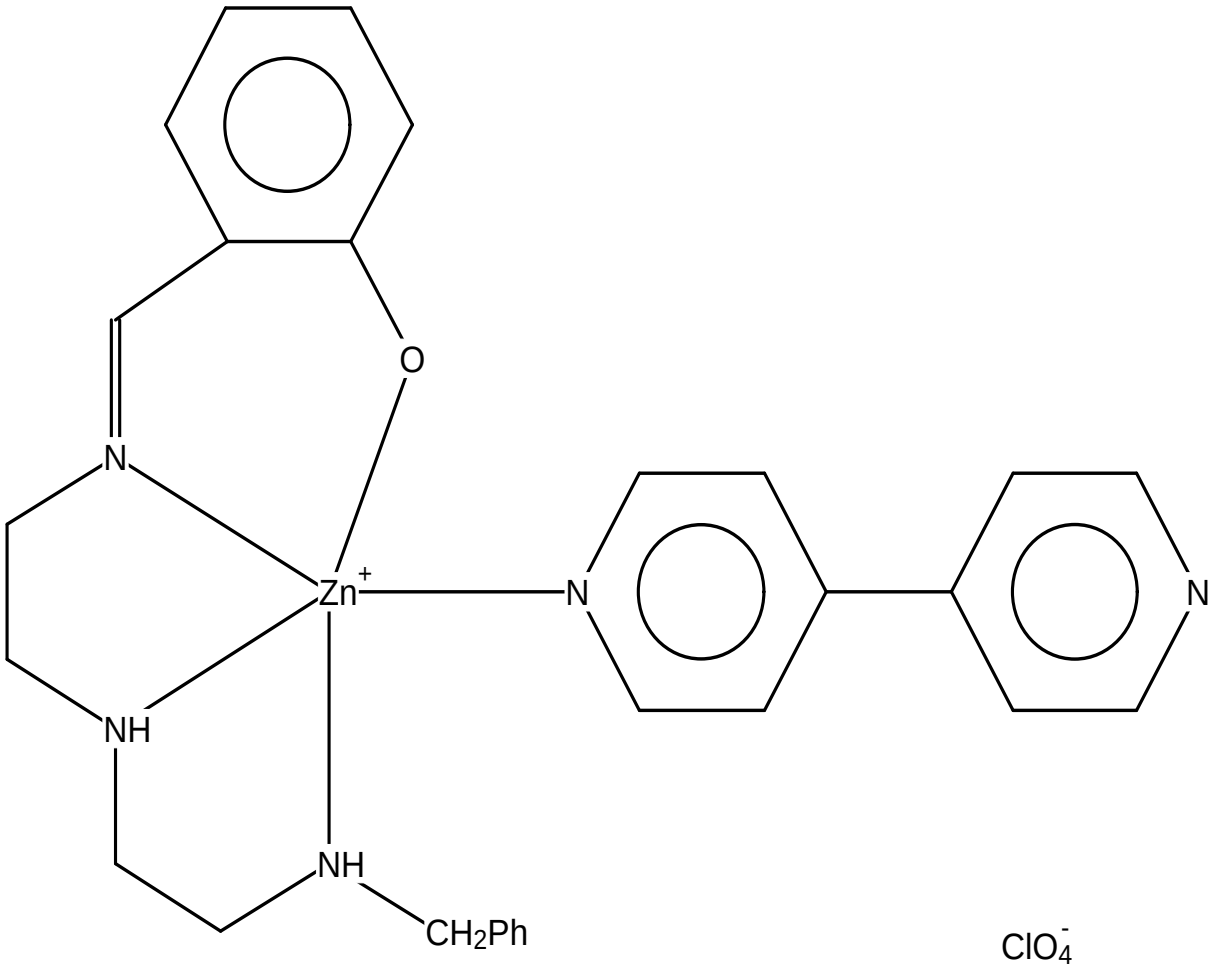
Reference: Wei Dou, Ya-Wen Wang, Jun-Na Yao, Wei-Sheng Liu, Da-Qi Wang (2006) *Anal.Sci.:X-Ray Struct.Anal.Online* ,**22,**x277

Formula: $C_{28}\ H_{30}\ N_5\ O_1\ Zn_1\ ^{1+},Cl_1\ O_4\ ^{1-}$

Compound Name: (2-((2-(2-(Benzylamino)ethylamino)ethylimino)methyl)phenolato)-(4,4'-bipyridyl)-zinc(ii) perchlorate

Space Group:	P21/c	***Cell:***	***a***	10.536(2)	***b***	12.172(2)	***c***	22.219(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.33(0)	γ	90.00

R-Factor (%): 4.17 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.458



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1469

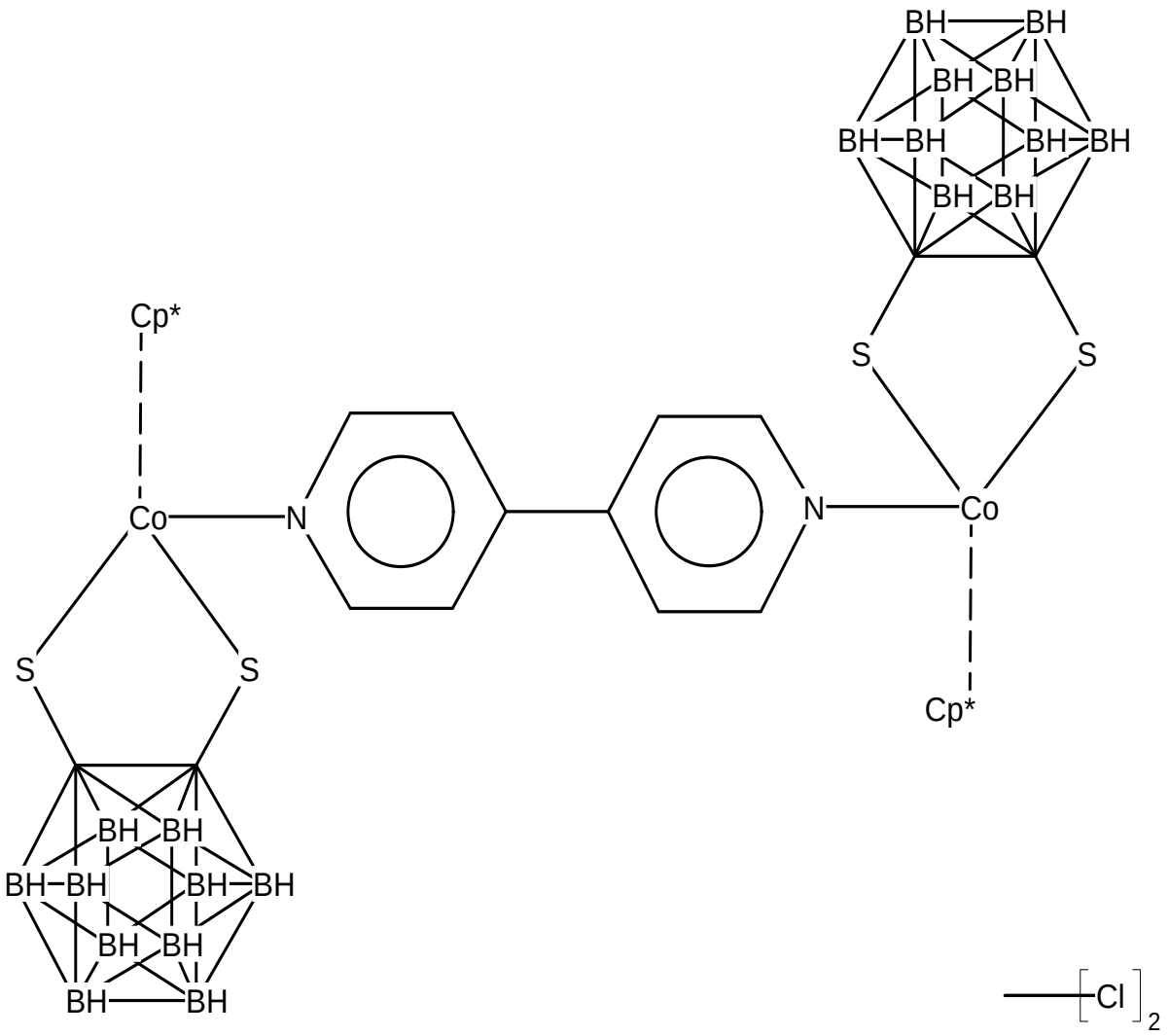
MESVOW

Reference: Shuang Liu, Jiasheng Zhang, Xin Wang, Guo-Xin Jin (2006) *Dalton Trans.* ,5225

Formula: $C_{34}\ H_{58}\ B_{20}\ Co_2\ N_2\ S_4,2(C_1\ H_2\ Cl_2)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(η^5-pentamethyl-cyclopentadienyl)-bis(1,2-dicarba-closo-dodecaborane-1,2-dithiolato)-di-cobalt dichloromethane solvate

Space Group:	P-1	***Cell:***	***a*** 10.062(8)	***b*** 11.190(9)	***c*** 13.775(11)
Space Group No.:	2	***(Å,°)***	α 100.18(1)	β 108.45(1)	γ 96.28(1)
R-Factor (%):	6.13	***Temperature(K):***	293	***Density(g/cm^3):***	1.313		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1470

MESZUG

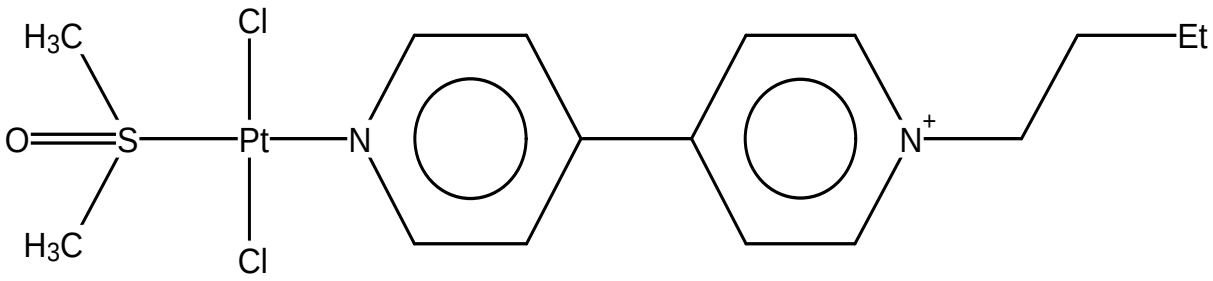
Reference: Y.Suzaki, T.Taira, K.Osakada (2006) *Dalton Trans.* ,5345

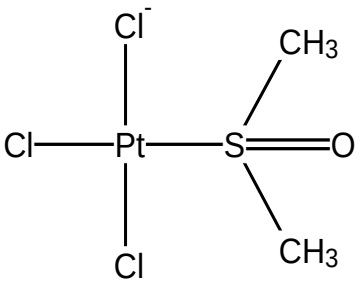
Formula: $C_{16}\ H_{23}\ Cl_2\ N_2\ O_1\ Pt_1\ S_1\ ^{1+}$,$C_2\ H_6\ Cl_3\ O_1\ Pt_1\ S_1\ ^{1-}$

Compound Name: trans-Dichloro-(dimethylsulfoxide-S)-(1'-n-butyl-4,4'-bipyridinium)-platinum(ii) trichloro-(dimethylsulfoxide-S)-platinum(ii)

Space Group:	P21/a	***Cell:***	***a***	13.771(3)	***b***	21.187(12)	***c***	9.604(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.80(2)	γ	90.00

R-Factor (%): 5.38 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.237





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1471

METMON

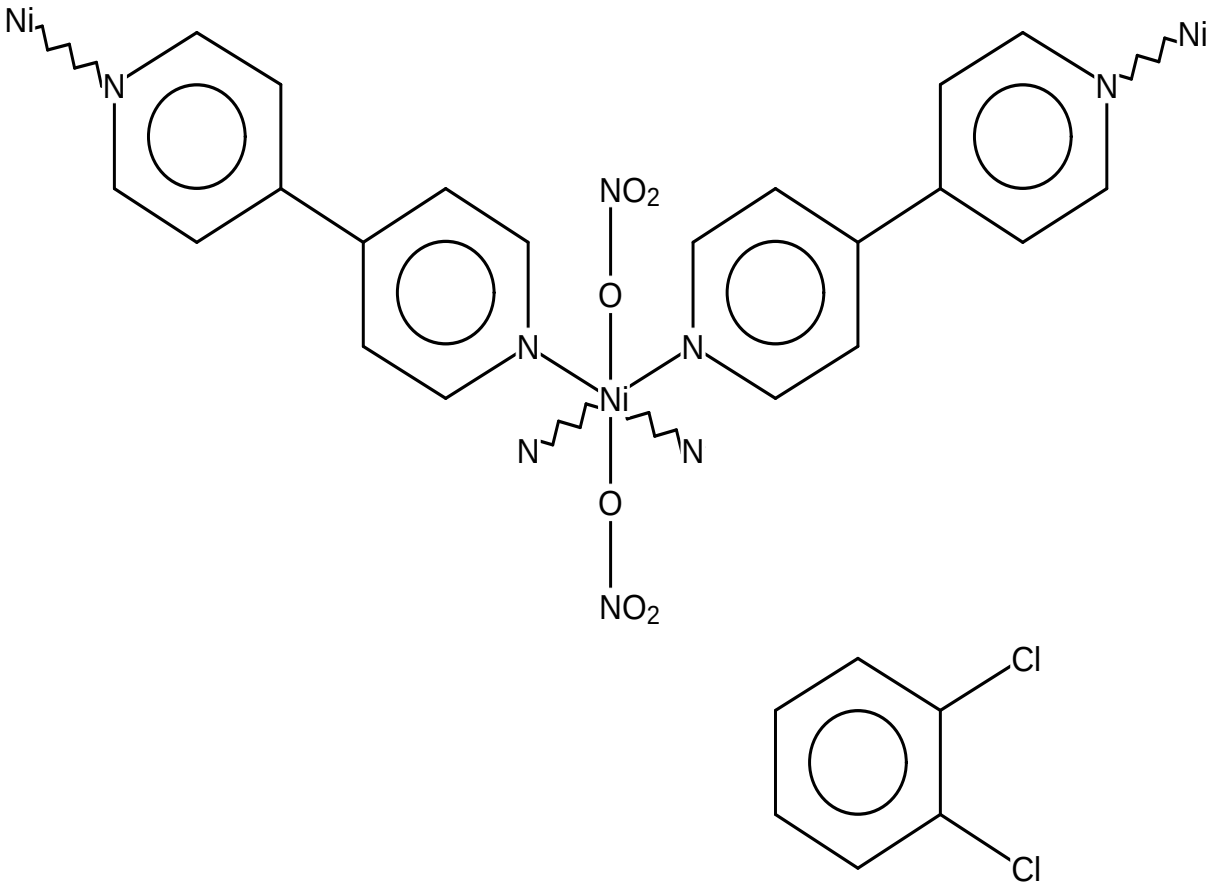
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ N_6\ Ni_1\ O_6)n,2n(C_6\ H_4\ Cl_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-nickel bis(1,2-dichlorobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.515(1)	***b*** 11.406(0)	***c***	13.314(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.29(0)	γ	90.00

R-Factor (%): 9.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.648



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1472

METMUT

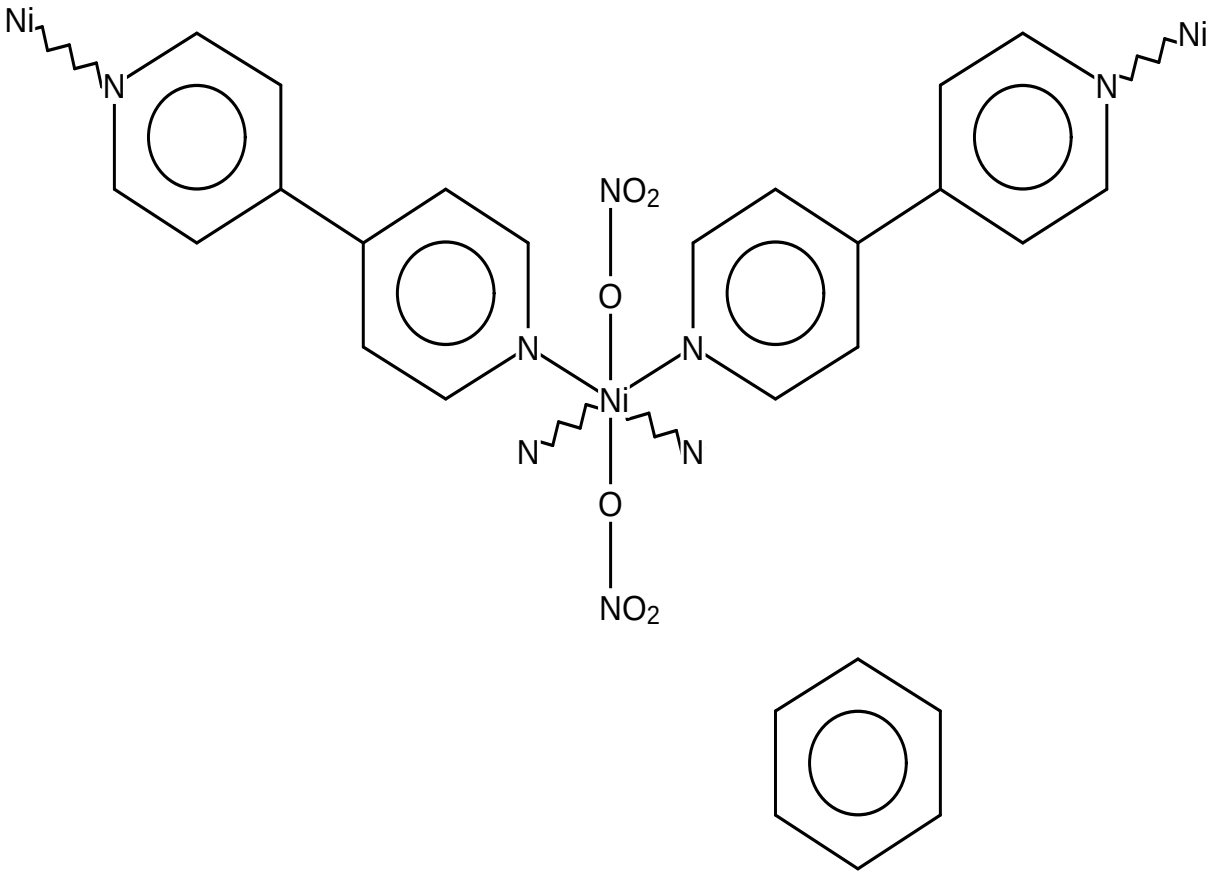
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000)
J.Chem.Soc.,Dalton Trans. ,3837

Formula: $(C_{20}\ H_{16}\ N_6\ Ni_1\ O_6)n,2n(C_6\ H_6)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-nickel bis(benzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.164(2)	***b*** 11.413(0)	***c***	12.660(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.21(0)	γ	90.00

R-Factor (%): 4.49 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.442



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1473

METNAA

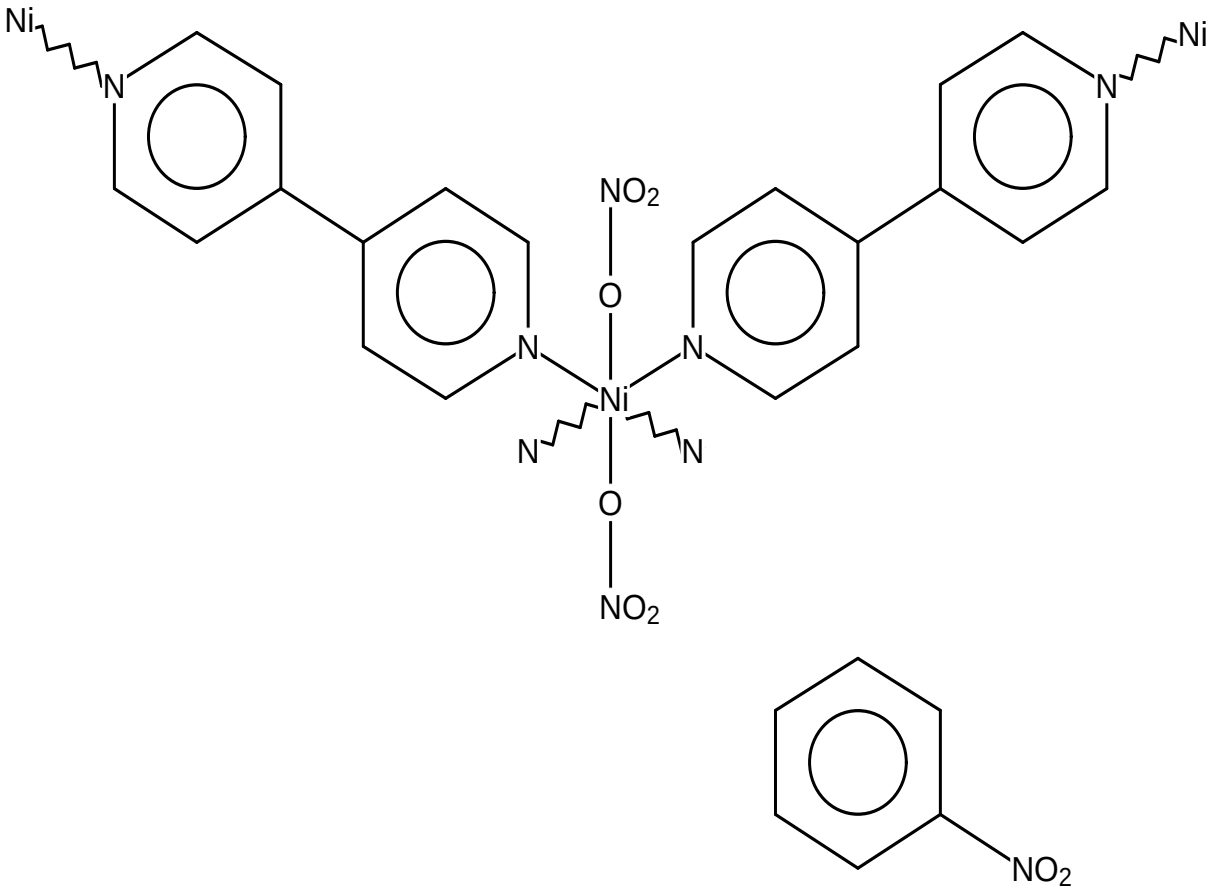
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ N_6\ Ni_1\ O_6)n,2n(C_6\ H_5\ N_1\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-nickel bis(nitrobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.597(1)	***b*** 11.400(0)	***c***	12.930(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.10(0)	γ	90.00

R-Factor (%): 3.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.588



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1474

METNEE

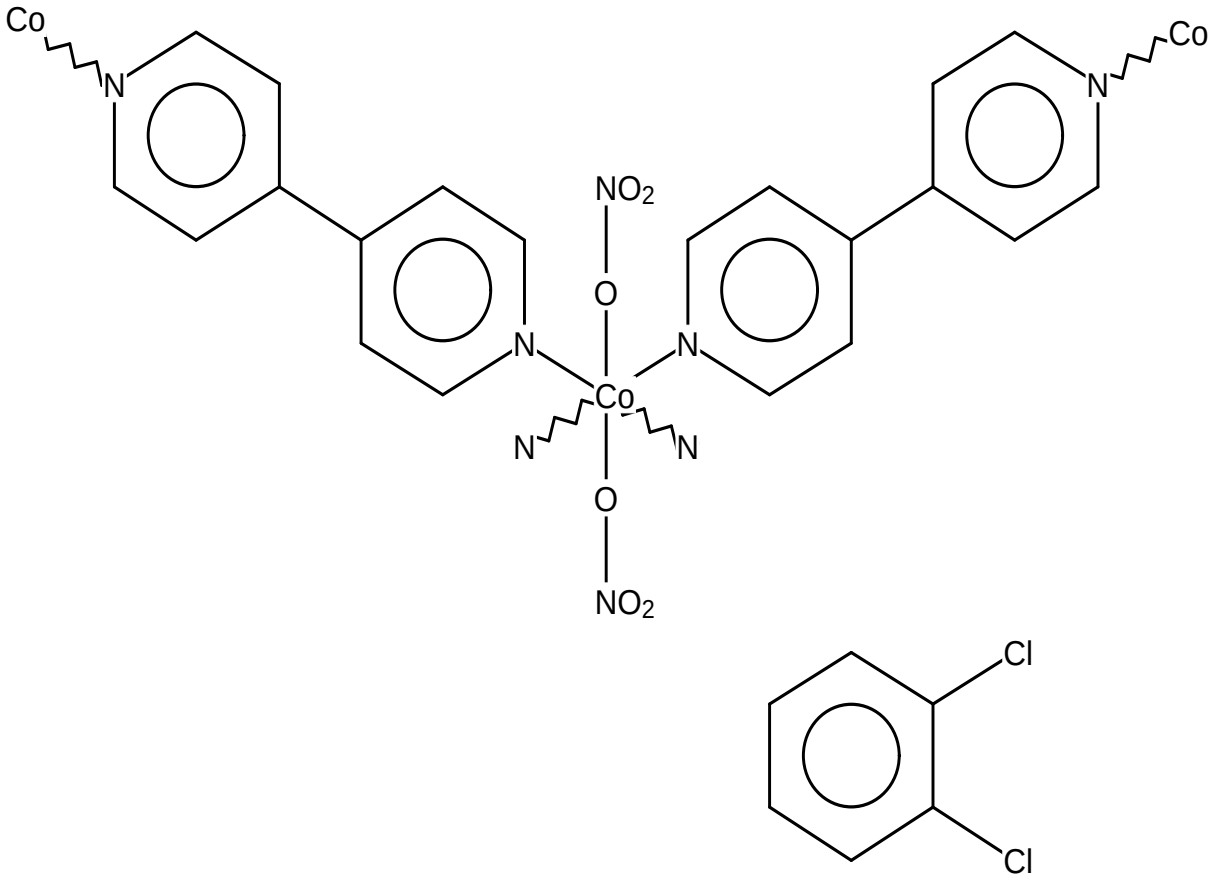
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,2n(C_6\ H_4\ Cl_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-cobalt bis(1,2-dichlorobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.646(1)	***b*** 11.519(0)	***c***	13.372(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.67(0)	γ	90.00

R-Factor (%): 6.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.612



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1475

METNII

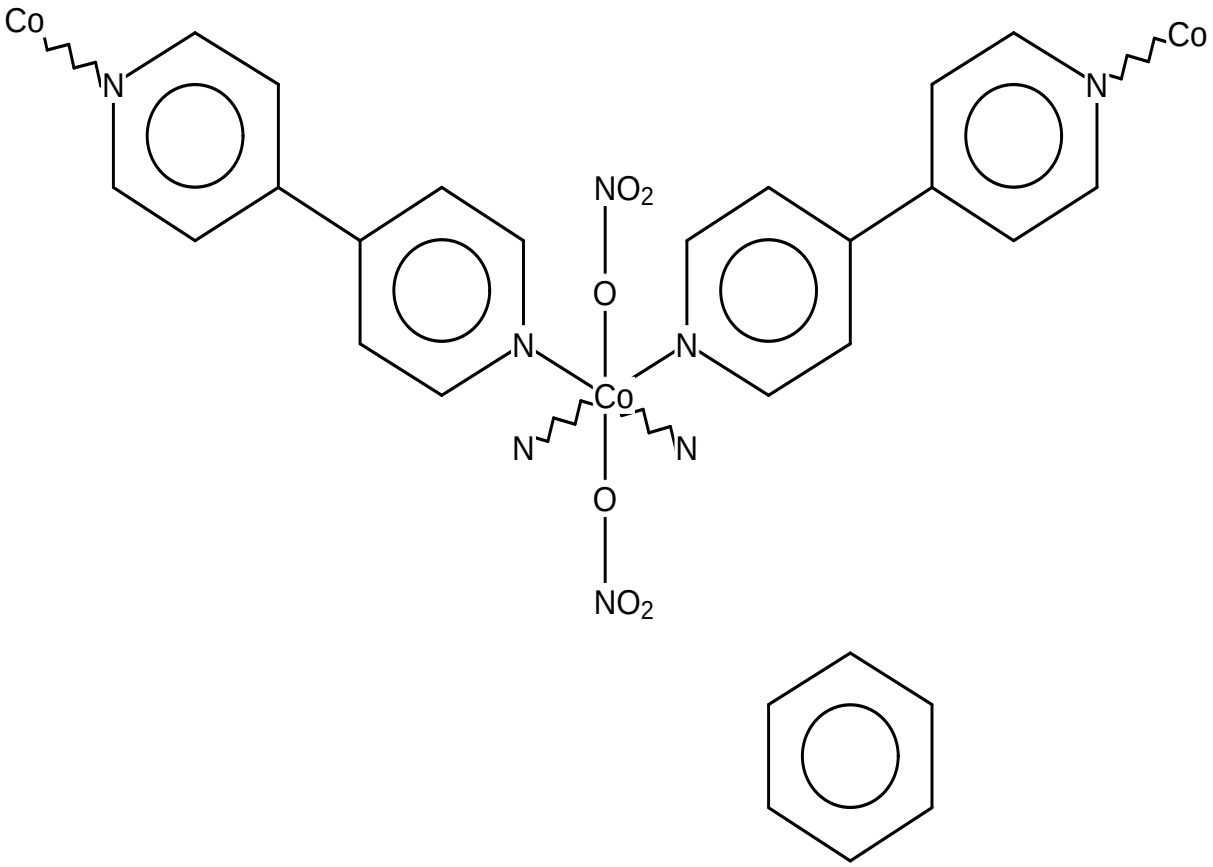
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000)
J.Chem.Soc.,Dalton Trans. ,3837

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,2n(C_6\ H_6)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-cobalt bis(benzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.326(0)	***b*** 11.531(0)	***c***	12.608(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.77(0)	γ	90.00

R-Factor (%): 3.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.421



Search: search1 (Thu May 26 10:05:42 2011): Hit 1476

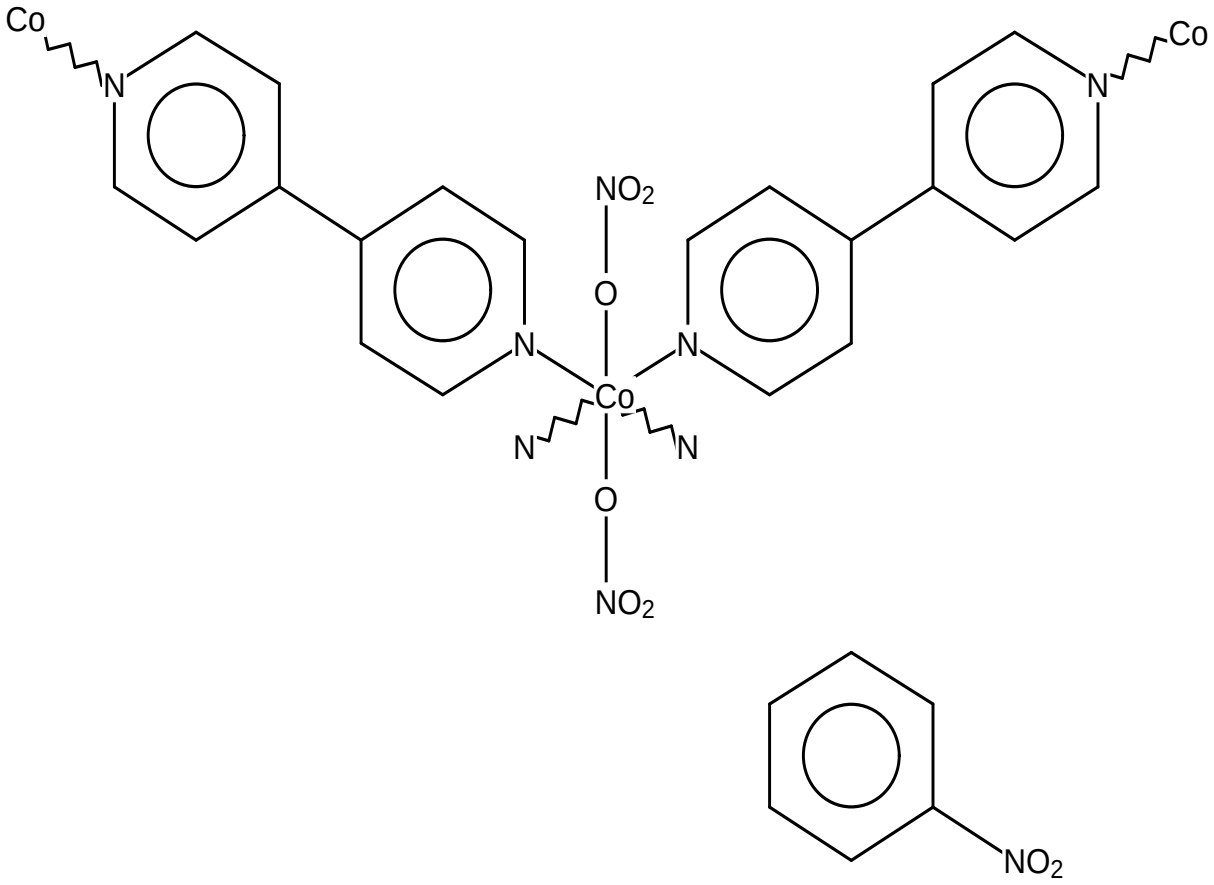
METNOO

Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,2n(C_6\ H_5\ N_1\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-cobalt bis(nitrobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.700(1)	***b***	11.496(0)	***c*** 12.860(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	102.53(0)	γ 90.00
R-Factor (%):	2.96	***Temperature(K):***	293		***Density(g/cm^3):***		1.573



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1477

METNUU

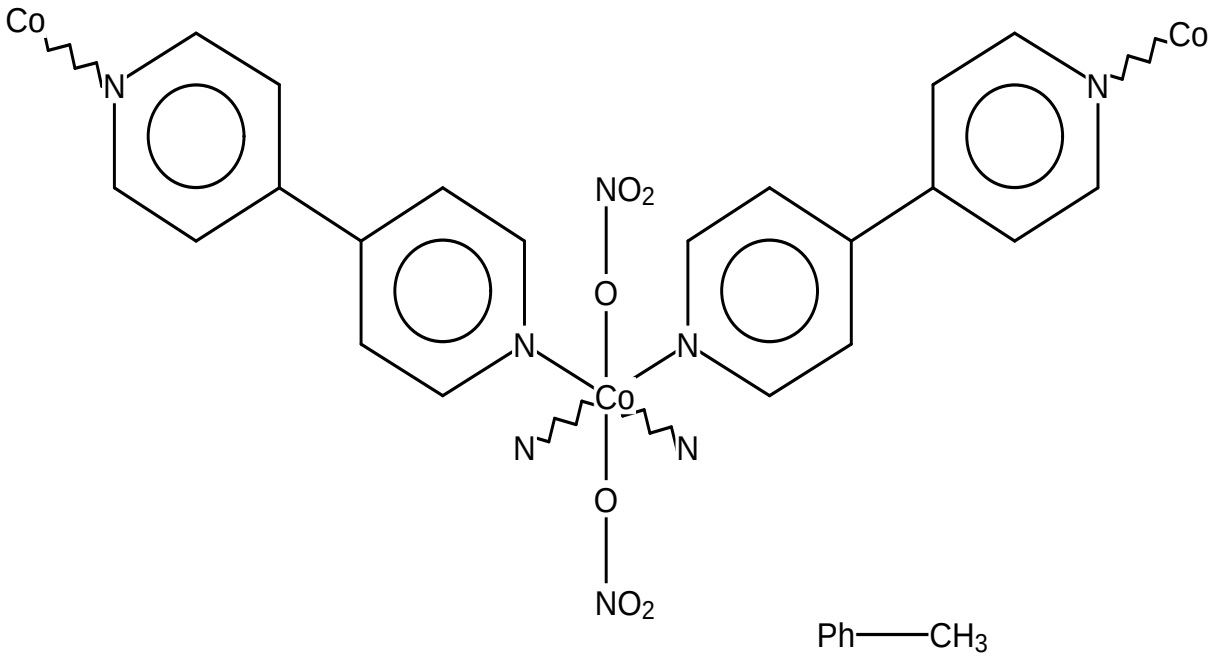
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000)
J.Chem.Soc.,Dalton Trans. ,3837

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,2n(C_7\ H_8)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-cobalt ditoluene clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.764(1)	***b*** 11.518(0)	***c***	12.856(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.74(0)	γ	90.00

R-Factor (%): 3.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.436



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1478

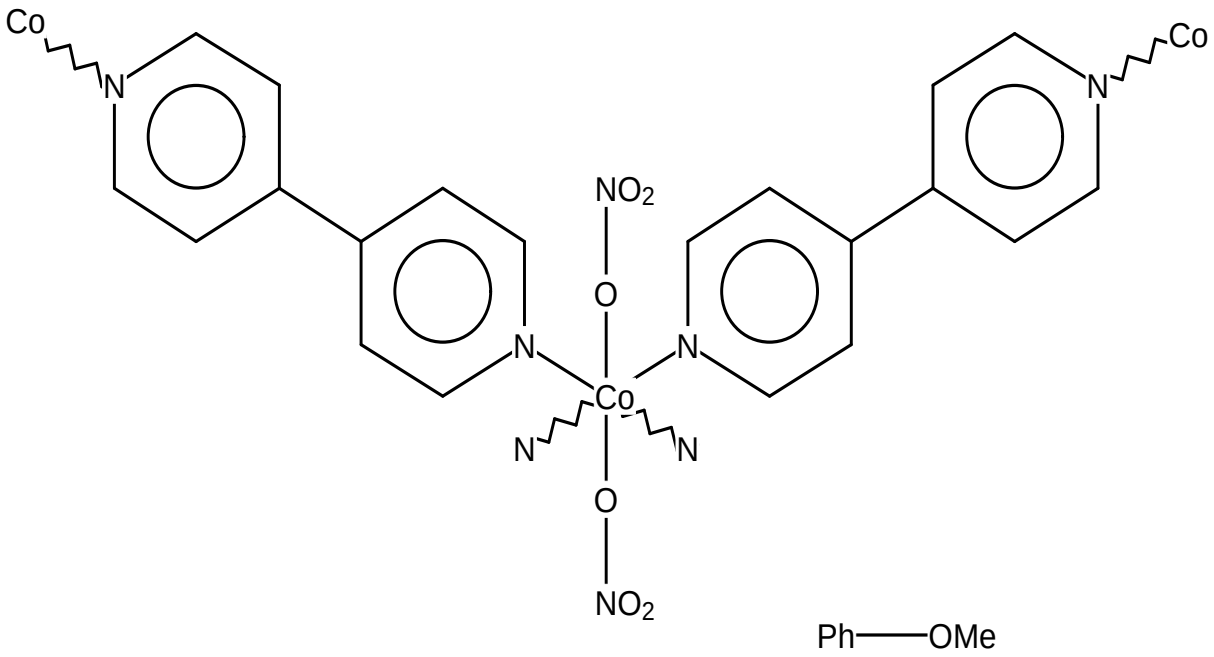
METPAC

Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,3n(C_7\ H_8\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-cobalt tris(methoxybenzene) clathrate)

Space Group:	Pna21	***Cell:***	***a*** 22.811(1)	***b*** 15.441(0)	***c*** 11.421(0)
Space Group No.:	33	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	5.02	***Temperature(K):***	193	***Density(g/cm^3):***	1.354



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1479

METPEG

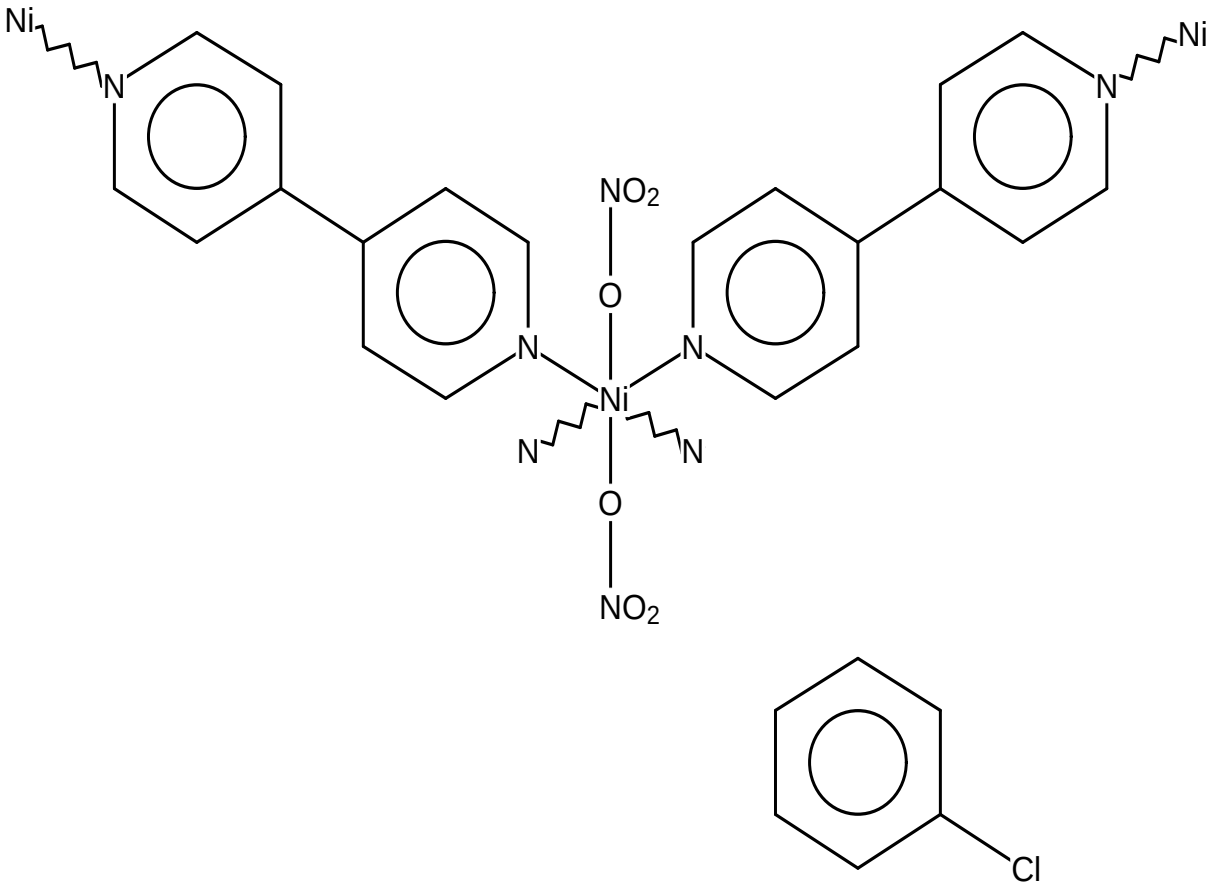
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ N_6\ Ni_1\ O_6)n,2n(C_6\ H_5\ Cl_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-nickel bis(chlorobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.678(3)	***b*** 11.411(1)	***c***	12.914(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.40(1)	γ	90.00

R-Factor (%): 5.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.539



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1480

METPIK

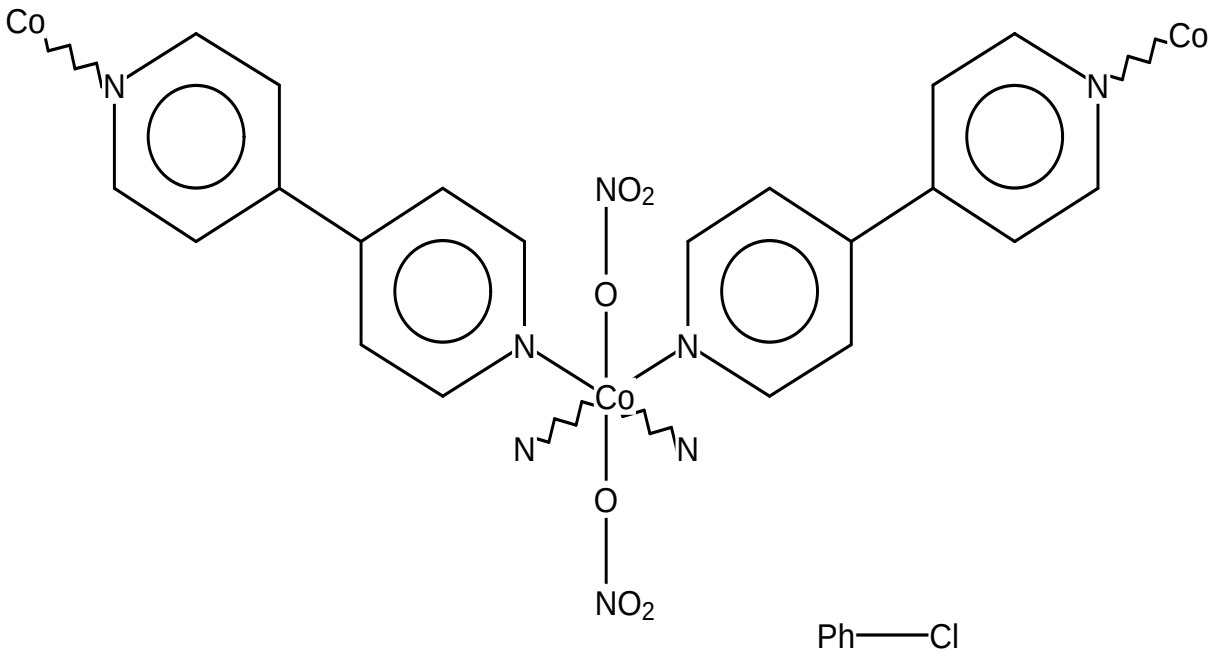
Reference: K.Biradha, A.Mondal, B.Moulton, M.J.Zaworotko (2000) *J.Chem.Soc.,Dalton Trans.* ,3837

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,2n(C_6\ H_5\ Cl_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-dinitrato-cobalt bis(chlorobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.814(1)	***b*** 11.528(0)	***c***	12.877(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.67(0)	γ	90.00

R-Factor (%): 5.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.515



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1481

MIBSEV

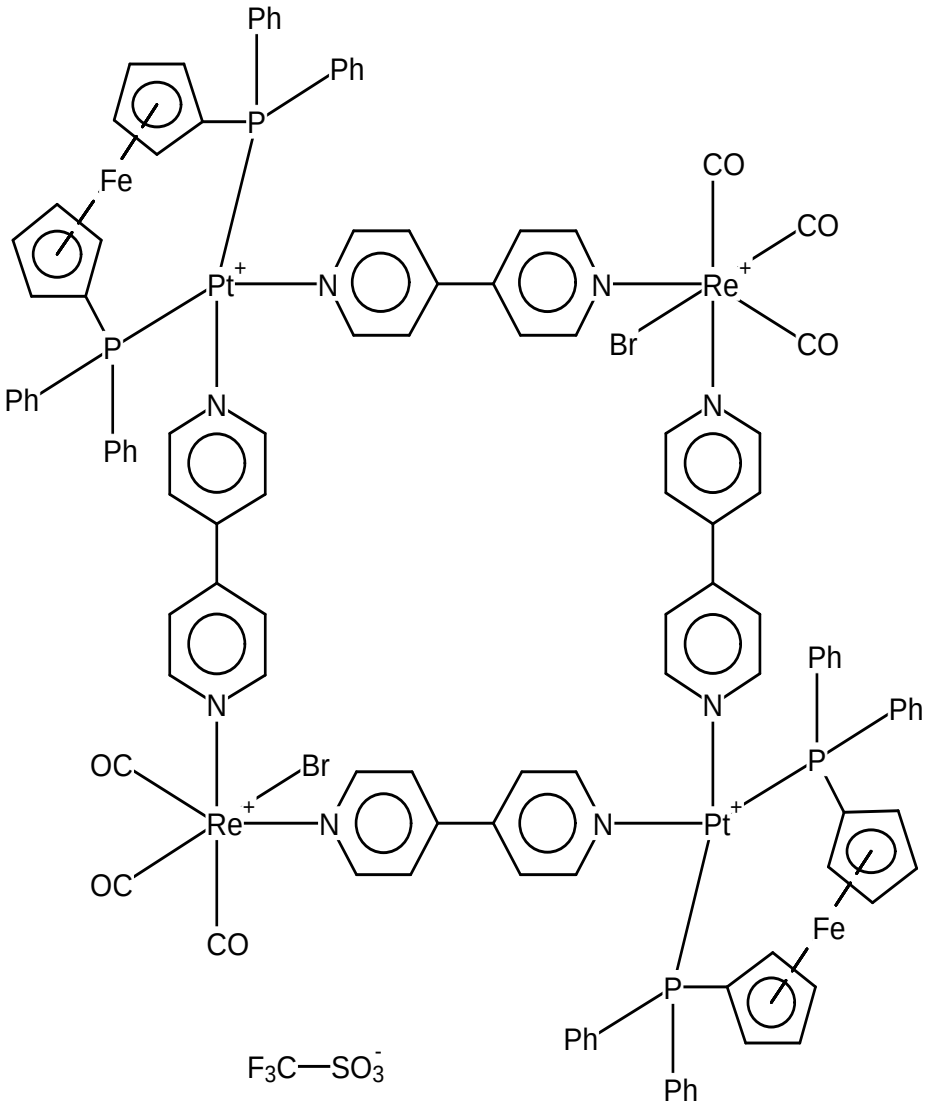
Reference: Shih-Sheng Sun, J.A.Anspach, A.J.Lees, P.Y.Zavalij (2002) *Organometallics* ,**21,**685

Formula: $C_{114}\ H_{88}\ Br_2\ Fe_2\ N_8\ O_6\ P_4\ Pt_2\ Re_2\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_1\ H_3\ N_1\ O_2$)

Compound Name: tetrakis(μ_2-4,4'-Bipyridine)-bis((1,1'-bis(diphenylphosphino)ferrocene)-platinum(ii))-bis(fac-bromo-tricarbonyl-rhenium(i)) tetrakis(trifluoromethanesulfonate) nitromethane clathrate unknown clathrate

Space Group:	P-1	***Cell:***	***a***	10.579(0)	***b***	16.801(0)	***c***	19.784(0)
Space Group No.:	2	***(Å,°)***	α	91.74(0)	β	94.73(0)	γ	95.64(0)

R-Factor (%): 6.00 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.688



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1482

MIDGOW

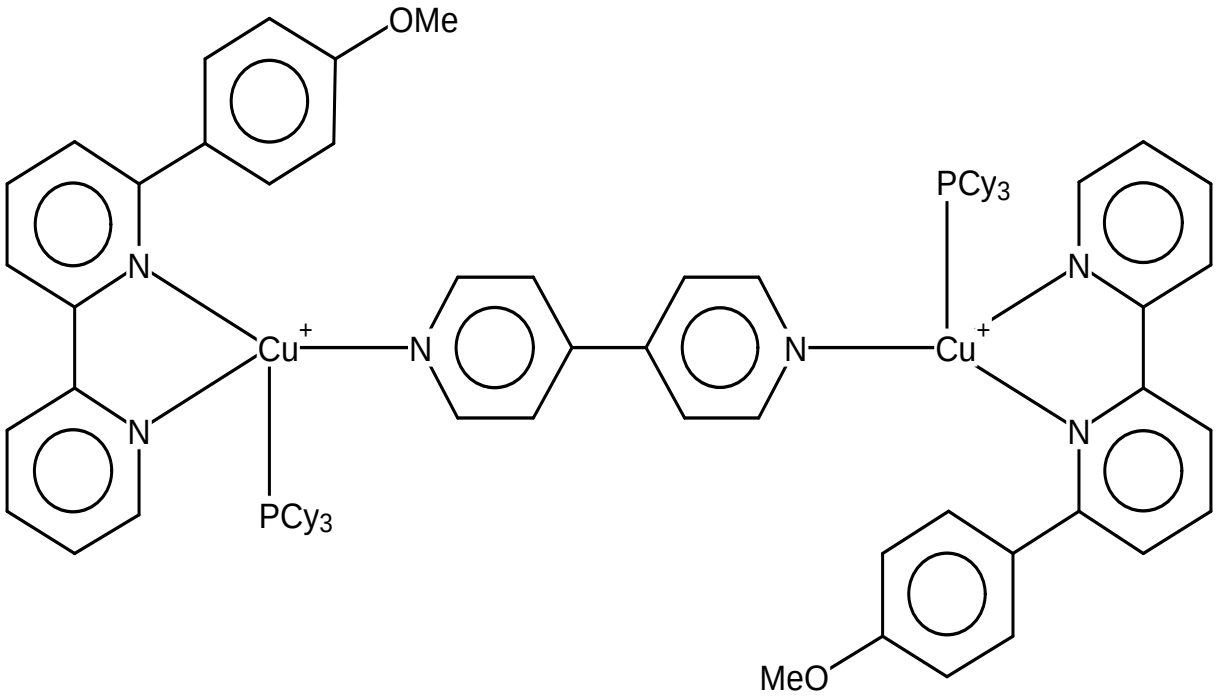
Reference: Wen-Fu Fu, Xin Gan, Jian Jiao, Yong Chen, Mei Yuan, Shao-Ming Chi, Ming-Ming Yu, Shao-Xiang Xiong (2007) *Inorg.Chim.Acta* ,**360,**2758

Formula: $C_{80}\ H_{102}\ Cu_2\ N_6\ O_2\ P_2\ ^{2+}$,2($B_1\ F_4\ ^{1-}$),1.5($C_1\ H_2\ Cl_2$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(6-(4-methoxyphenyl)-2,2'-bipyridyl)-bis(tricyclohexylphosphine)-di-copper(i) bis(tetrafluoroborate) dichloromethane solvate

Space Group:	P-1	***Cell:***	***a***	15.050(5)	***b***	17.712(7)	***c***	18.366(9)
Space Group No.:	2	***(Å,°)***	α	102.05(0)	β	97.51(1)	γ	94.97(0)

R-Factor (%): 7.86 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.176



BF_4^-

—[Cl]$_2$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1483

MIDKEP

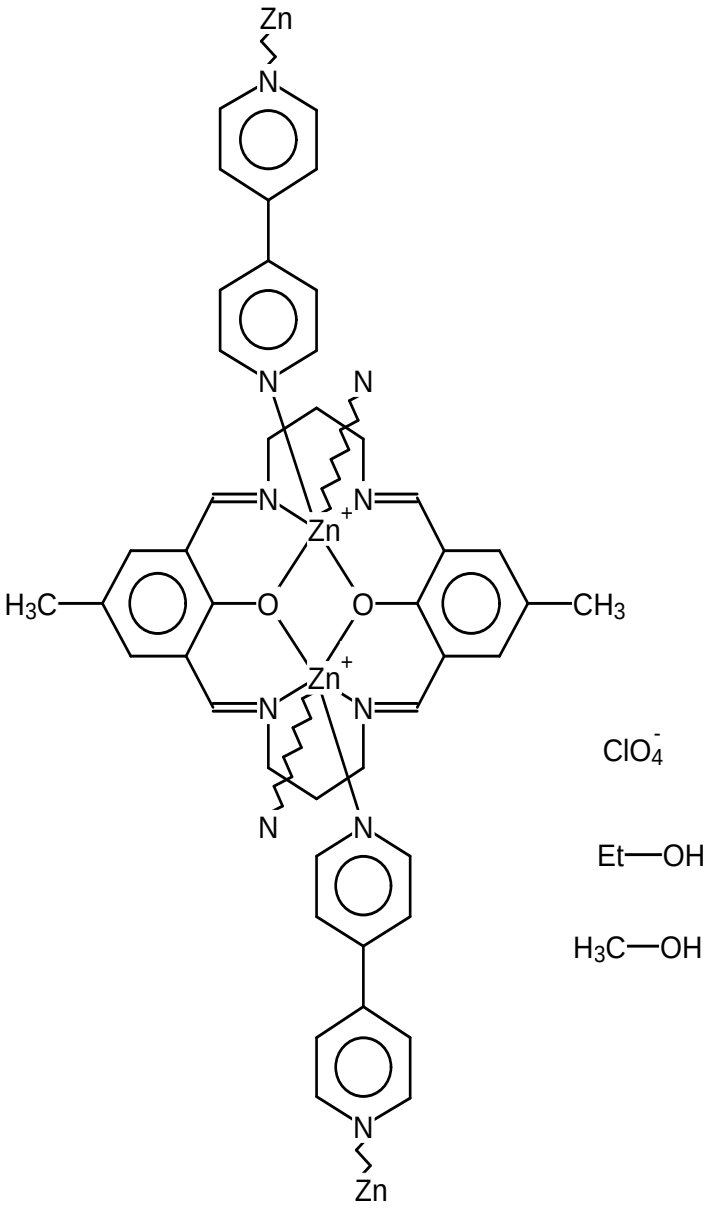
Reference: Wei Huang, Shaohua Gou, Dahua Hu, S.Chantrapromma, Hoong-Kun Fun, Qinjing Meng (2001) *Inorg.Chem. ,***40,**1712

Formula: $(C_{44}\ H_{42}\ N_8\ O_2\ Zn_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(C_2\ H_6\ O_1),n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(11,23-dimethyl-3,7,15,19-tetraazatricyclo(19.3.1.1^{9,13})hexacosa-1(25),2,7,9,11,13(26),14,19,21,23-decaene-25,26-diolato)-di-zinc(ii) diperchlorate ethanol methanol solvate)

Space Group:	C2/c	***Cell:***	***a***	25.788(0)	***b*** 11.758(0)	***c***	20.144(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 121.35(0)	γ	90.00

R-Factor (%): 7.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.430



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1484

MIDKIT

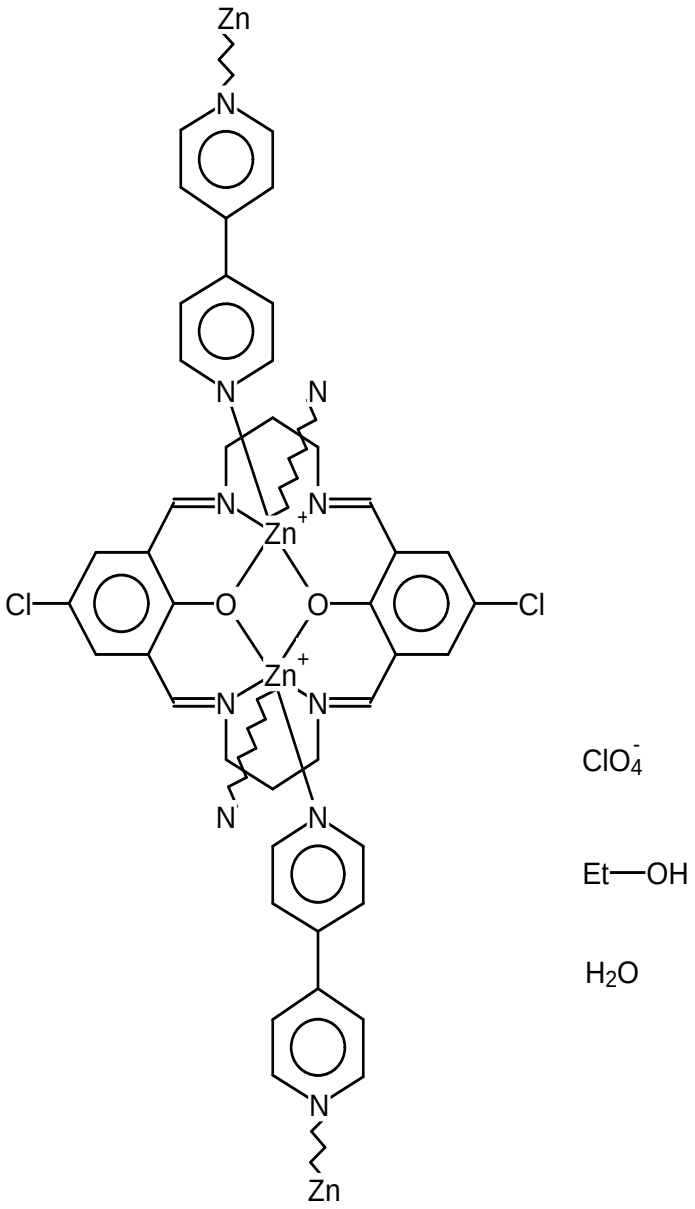
Reference: Wei Huang, Shaohua Gou, Dahua Hu, S.Chantrapromma, Hoong-Kun Fun, Qinjing Meng (2001) *Inorg.Chem. ,***40,**1712

Formula: $(C_{42}\ H_{36}\ Cl_2\ N_8\ O_2\ Zn_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_2\ H_6\ O_1),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(11,23-dichloro-3,7,15,19-tetraazatricyclo(19.3.1.1^{9,13})hexacosa-1(25),2,7,9,11,13(26),14,19,21,23-decaene-25,26-diolato)-di-zinc(ii) diperchlorate ethanol solvate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	26.221(0)	***b*** 11.832(0)	***c***	20.847(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 122.68(0)	γ	90.00

R-Factor (%): 6.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.525



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1485

MIGFEO

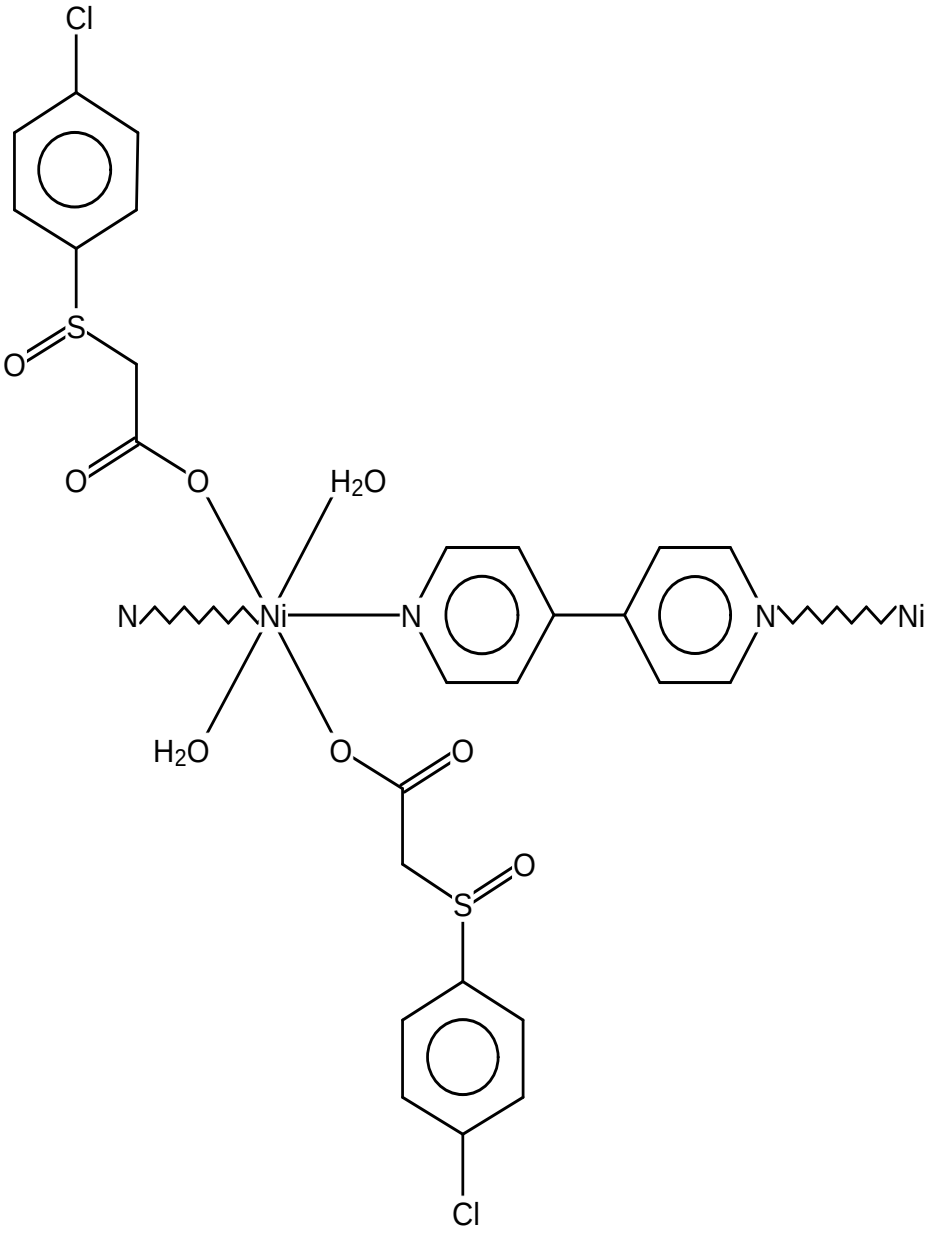
Reference: Yu Su, Yan-Jun Hou, Zhi-Zhong Sun, Bai-Yan Li, Guang-Feng Hou (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **63,**m1970

Formula: $(C_{26}\ H_{24}\ Cl_2\ N_2\ Ni_1\ O_8\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis((4-chlorophenylsulfinyl)acetato)-nickel(ii))

Space Group:	Fdd2	***Cell:***	***a***	20.269(4)	***b***	25.503(6)	***c*** 11.345(11)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.554



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1486

MIGKOD

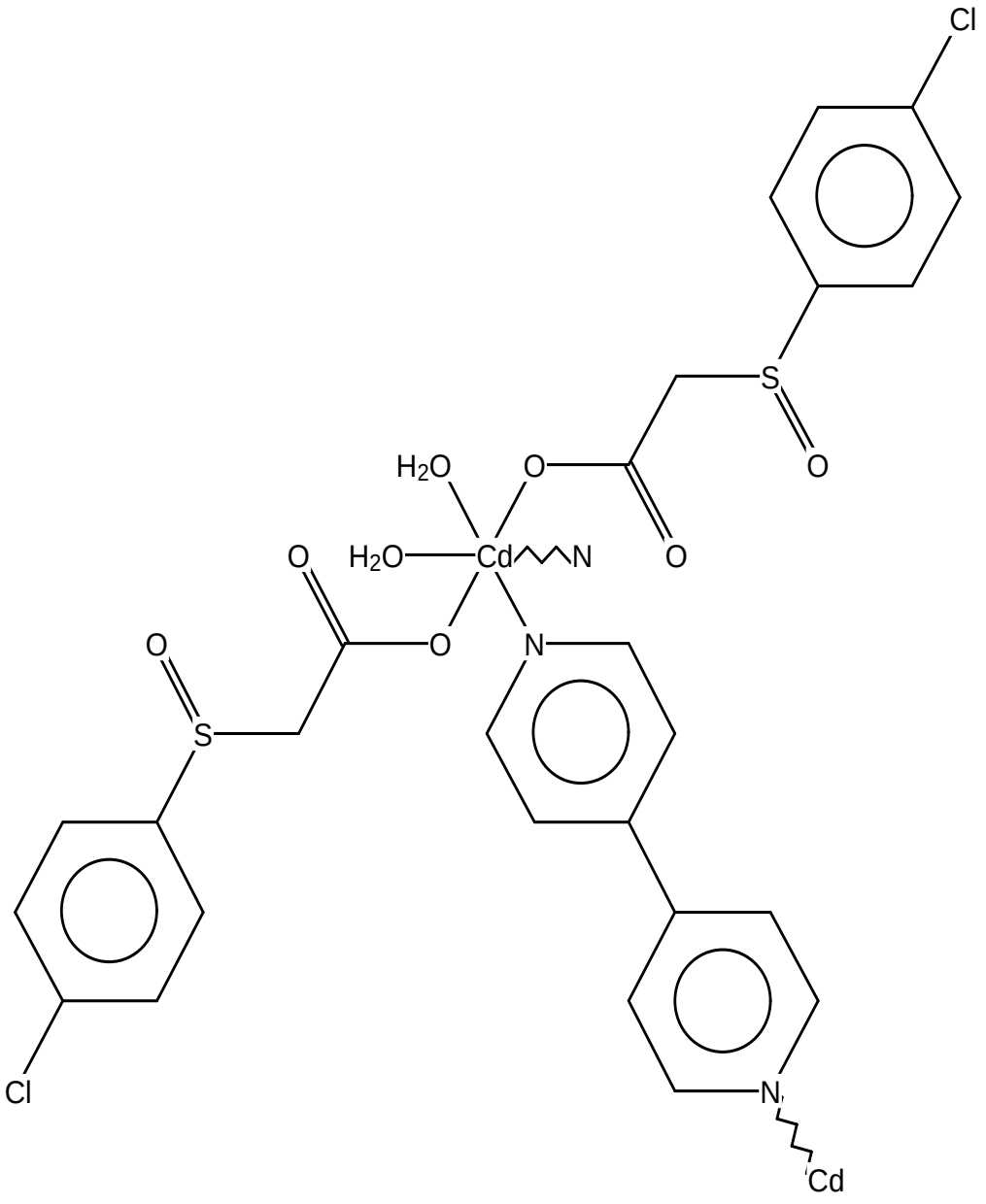
Reference: Yu Su, Yan-Jun Hou, Zhi-Zhong Sun, Bai-Yan Li, Guang-Feng Hou (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **63,**m2005

Formula: $(C_{26}\ H_{24}\ Cd_1\ Cl_2\ N_2\ O_8\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis((4-chlorophenylsulfinyl)acetato-O)-diaqua-cadmium(ii))

Space Group:	Fdd2	***Cell:***	***a***	25.664(5)	***b***	20.103(7)	***c*** 11.705(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.628



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1487

MIHBAG

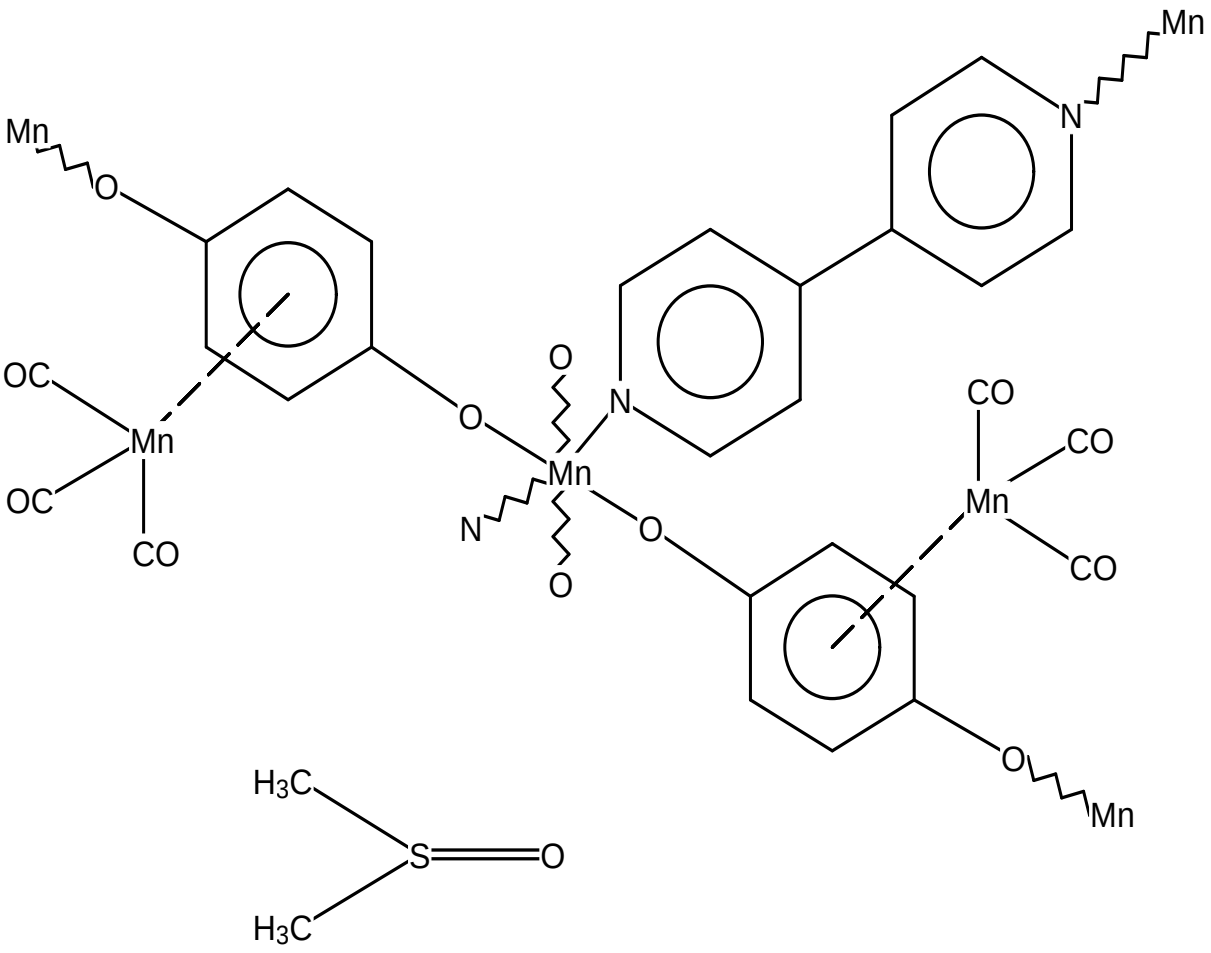
Reference: Moonhyun Oh, G.B.Carpenter, D.A.Sweigart (2001) *Angew.Chem.,Int.Ed. ,***40,**3191

Formula: $(C_{28}\ H_{16}\ Mn_3\ N_2\ O_{10})n,2n(C_2\ H_6\ O_1\ S_1)$

Compound Name: catena-(bis(μ_2-η^6-1,4-Benzoquinone)-(μ_2-4,4'-bipyridine)-hexacarbonyl-tri-manganese dimethylsulfoxide solvate)

Space Group:	P21/c	***Cell:***	***a***	11.706(1)	***b***	12.322(1)	***c*** 12.781(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.15(0)	γ 90.00

R-Factor (%): 5.67 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.568



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1488

MIHCIQ

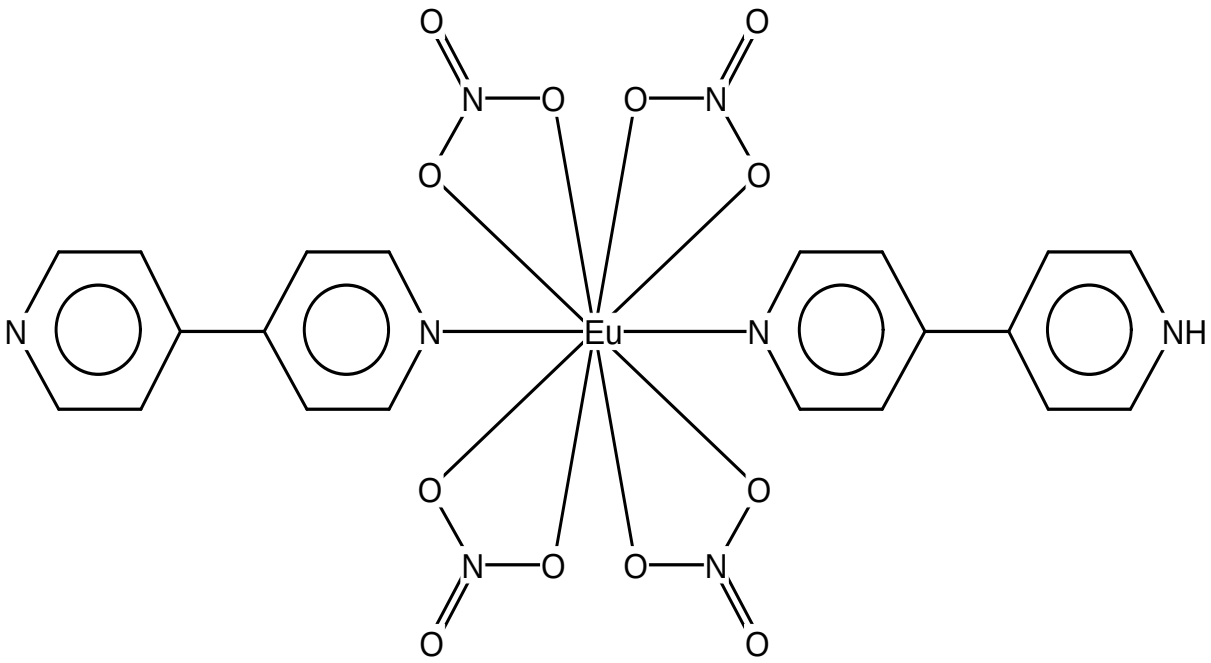
Reference: Xi-Rui Zeng, Yin-Qiu Liu, Huang Lin, Ya-Ping Xu (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1929

Formula: $C_{20}\ H_{17}\ Eu_1\ N_8\ O_{12}$

Compound Name: (4,4'-Bipyridyl-N)-(4'-(4-pyridyl)pyridinium-N')-tetrakis(nitrato-O,O')-europium(iii)

Space Group:	C2/c	***Cell:***	***a***	20.136(5)	***b*** 7.808(1)	***c***	18.310(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.83(0)	γ	90.00

R-Factor (%): 1.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.879



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1489

MIHNOH

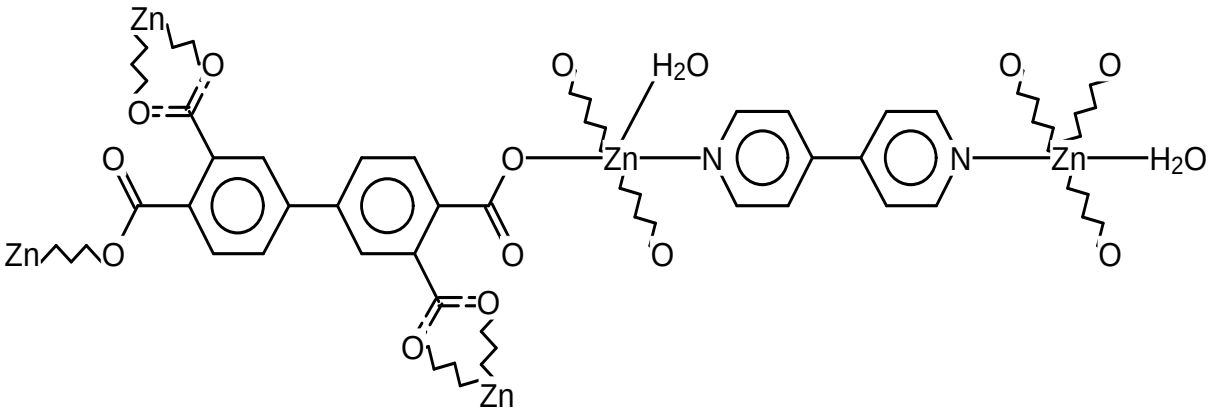
Reference: Ji-Jiang Wang, Lei Gou, Huai-Ming Hu, Zhong-Xi Han, Dong-Sheng Li, Gang-Lin Xue, Meng-Lin Yang, Qi-Zhen Shi (2007) *Cryst.Growth Des.* ,**7,**1514

Formula: $(C_{26}\ H_{18}\ N_2\ O_{10}\ Zn_2)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_4-Biphenyl-3,3',4,4'-tetracarboxylato)-(μ_2-4,4'-bipyridine-N,N')-diaqua-di-zinc(ii) trihydrate)

Space Group:	P2/n	***Cell:***	***a***	13.384(1)	***b*** 6.962(0)	***c***	15.616(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 110.19(0)	γ	90.00

R-Factor (%): 2.96 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.710



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1490

MIHNUN

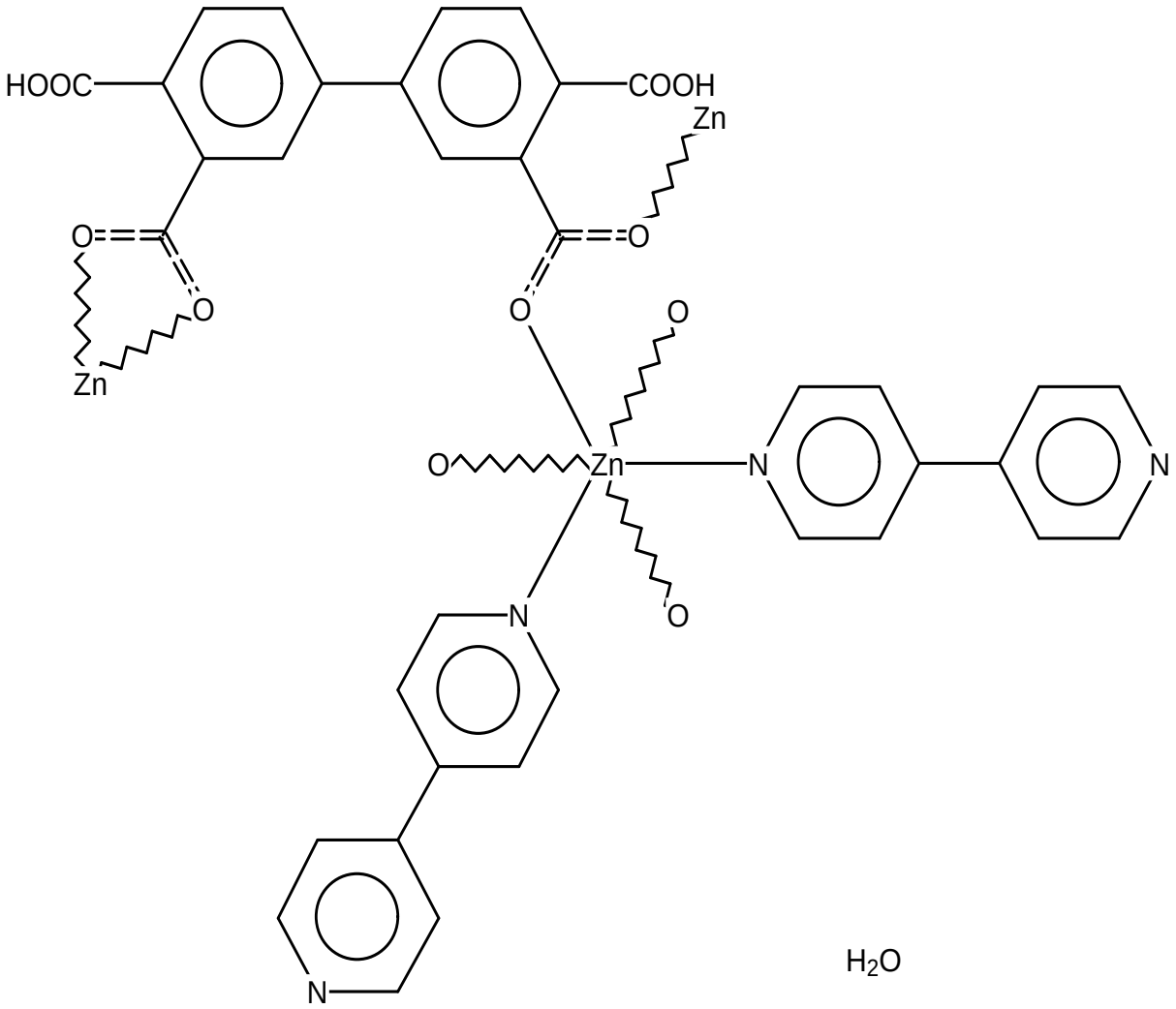
Reference: Ji-Jiang Wang, Lei Gou, Huai-Ming Hu, Zhong-Xi Han, Dong-Sheng Li, Gang-Lin Xue, Meng-Lin Yang, Qi-Zhen Shi (2007) *Cryst.Growth Des. ,***7,**1514

Formula: $(C_{36}\ H_{24}\ N_4\ O_8\ Zn_1)n,0.5n(H_2\ O_1)$

Compound Name: catena-((μ_3-Dihydrogen biphenyl-3,3',4,4'-tetracarboxylato)-bis(4,4'-bipyridine-N)-zinc(ii) hemihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.057(1)	***b*** 24.049(4)	***c***	10.669(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.96(0)	γ	90.00

R-Factor (%): 3.83 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.597



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1491

MIJJUL

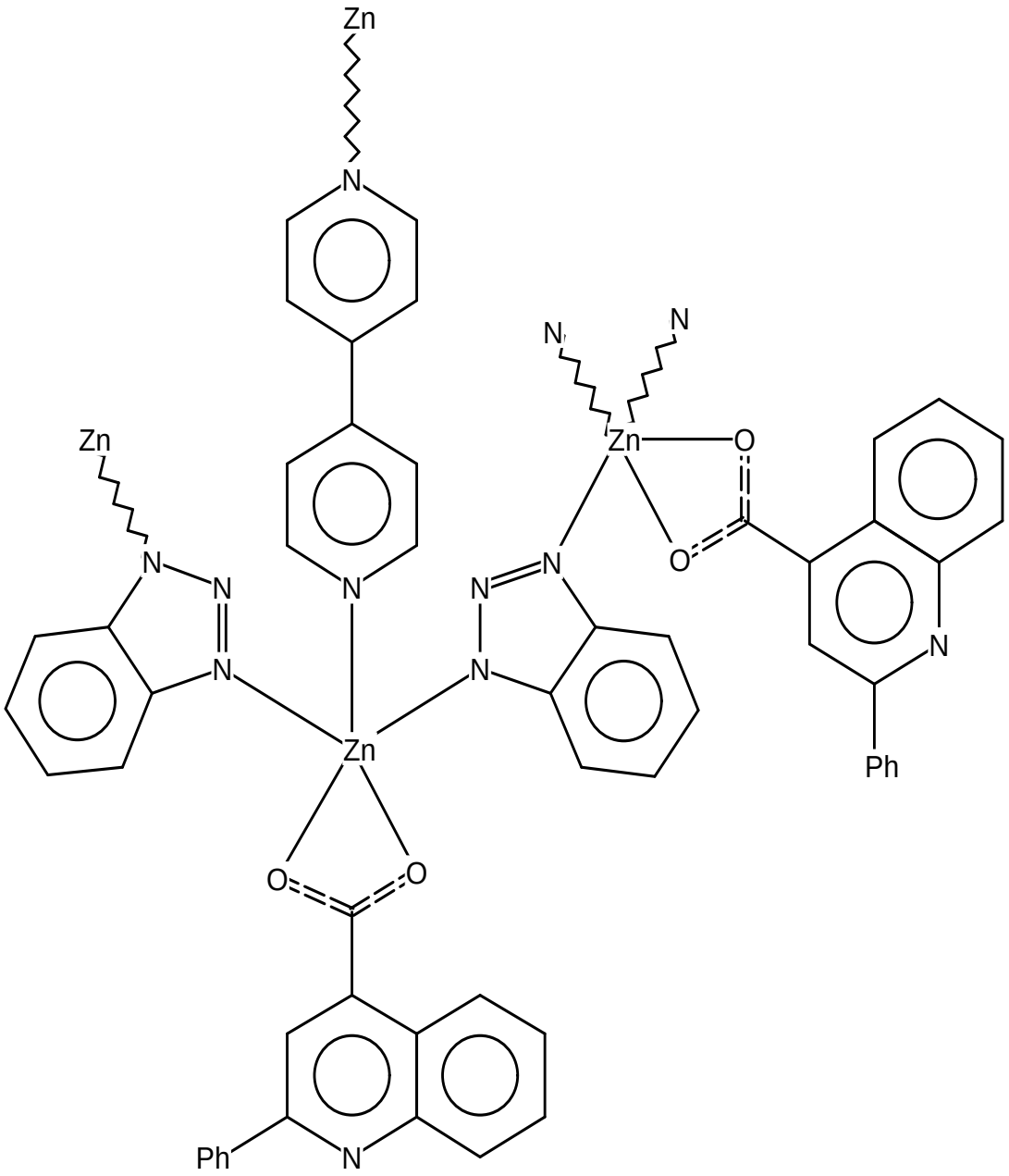
Reference: Yi-Cheng Shen, Zhao-Ji Li, Jian-Kai Cheng, Ye-Yan Qin, Yuan-Gen Yao (2007) *Inorg.Chem.Commun.* ,**10,**888

Formula: $(C_{54}\ H_{36}\ N_{10}\ O_4\ Zn_2)n$

Compound Name: catena-((μ_2-bipyridine-N,N')-bis(μ_2-benzotriazole)-bis(2-phenyl-4-quinolinecarboxylato)-di-zinc(ii))

Space Group:	Ibam	***Cell:***	***a***	12.472(2)	***b***	19.788(4)	***c***	37.901(7)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.448



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1492

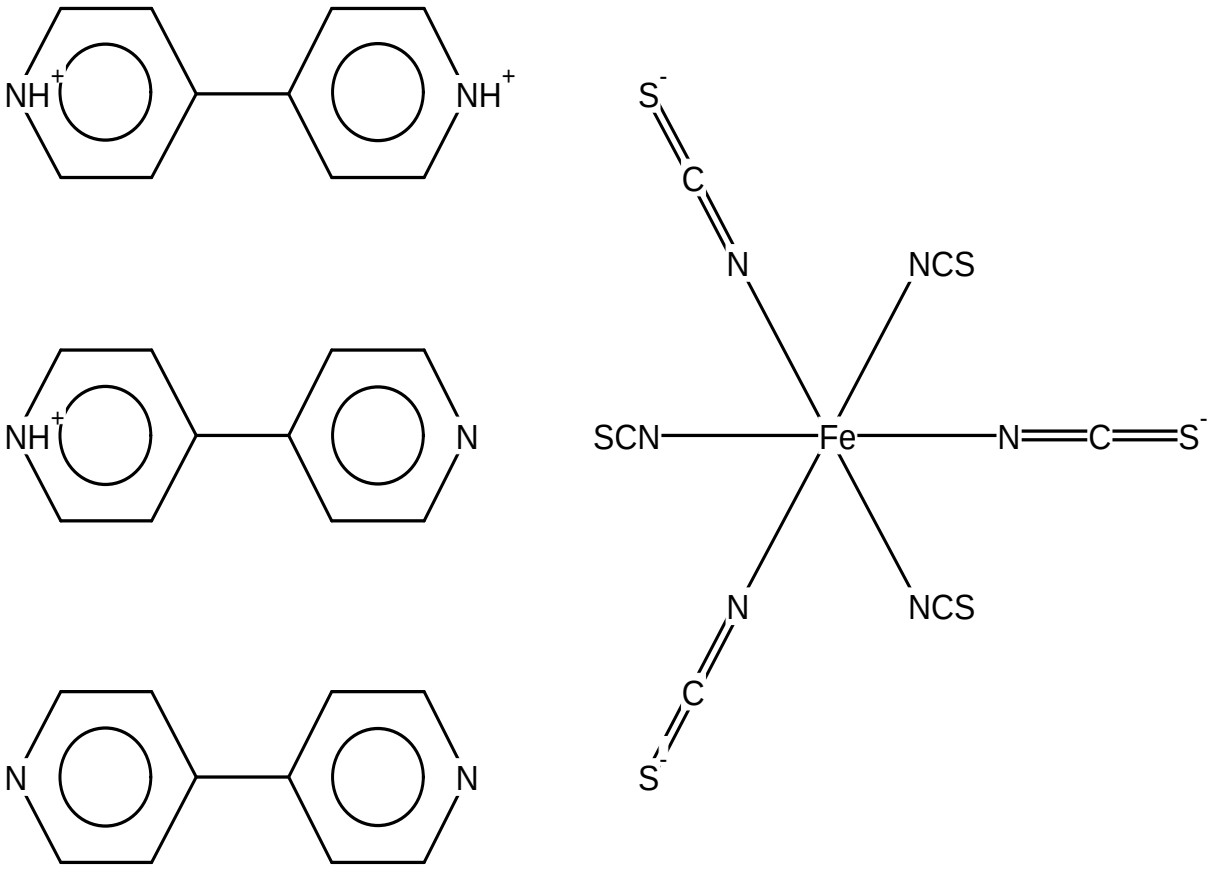
MIJMUN

Reference: Yongli Wei, Yu Zhu, Yinglin Song, Hongwei Hou, Yaoting Fan (2002) *Inorg.Chem.Commun.* ,**5,**166

Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_{10}\,H_9\,N_2\,^{1+}$,$C_{10}\,H_8\,N_2$,$C_6\,Fe_1\,N_6\,S_6\,^{3-}$

Compound Name: 4,4'-Bipyridinium 4-(pyrid-4-yl)pyridinium 4,4'-bipyridine hexakis(isothiocyanato-N)-iron

Space Group:	Cc	***Cell:***	***a***	22.382(5)	***b*** 12.837(3)	***c***	15.856(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β 113.48(3)	γ	90.00
R-Factor (%):	5.08	***Temperature(K):***	293		***Density(g/cm^3):***		1.392



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1493

MIJNAU

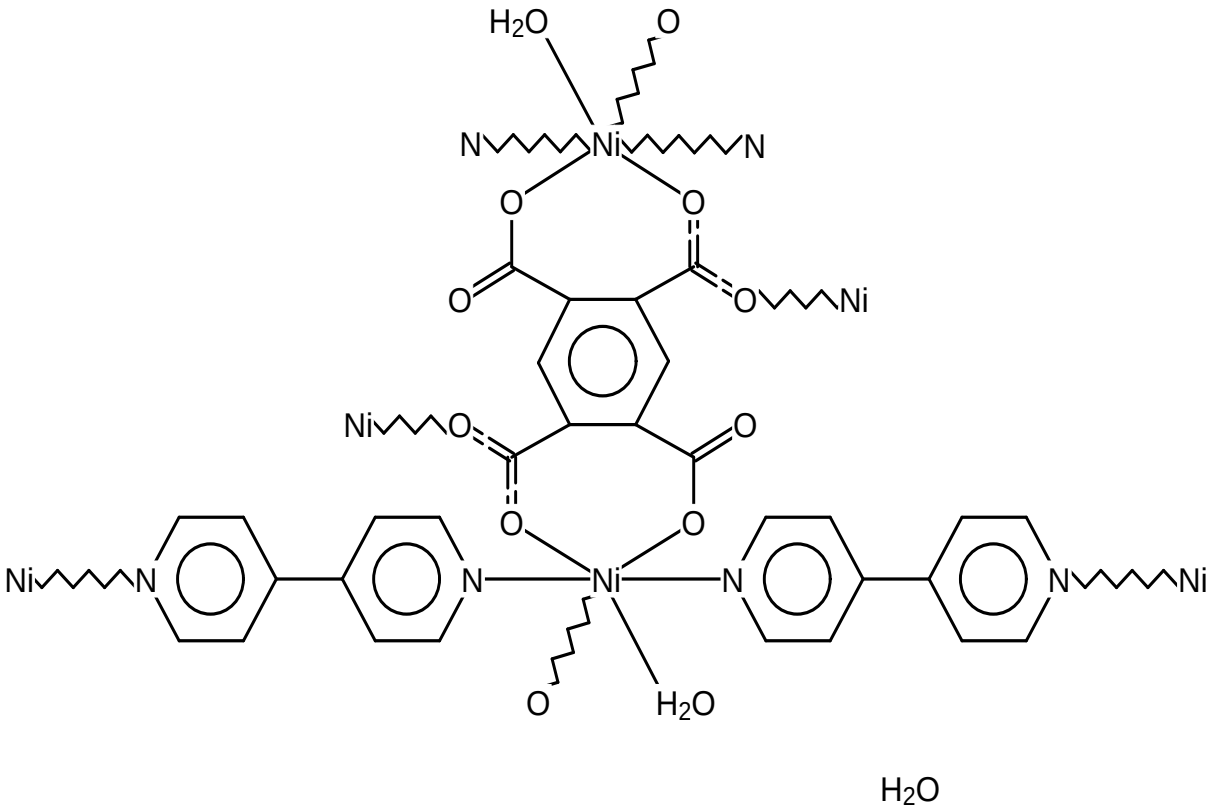
Reference: Chuan-De Wu, Can-Zhong Lu, Shao-Fang Lu, Hong-Hui Zhuang, Jin-Shun Huang (2002) *Inorg.Chem.Commun.* ,**5,** 171

Formula: $(C_{30}\ H_{22}\ N_4\ Ni_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_4-Benzene-1,2,4,5-tetracarboxylato)-bis(μ_2-4,4'-bipyridyl)-di-aqua-di-nickel(ii) dihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.162(2)	***b***	8.338(1)	***c*** 15.335(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.93(3)	γ 90.00

R-Factor (%): 3.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.771



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1494

MIKBOX

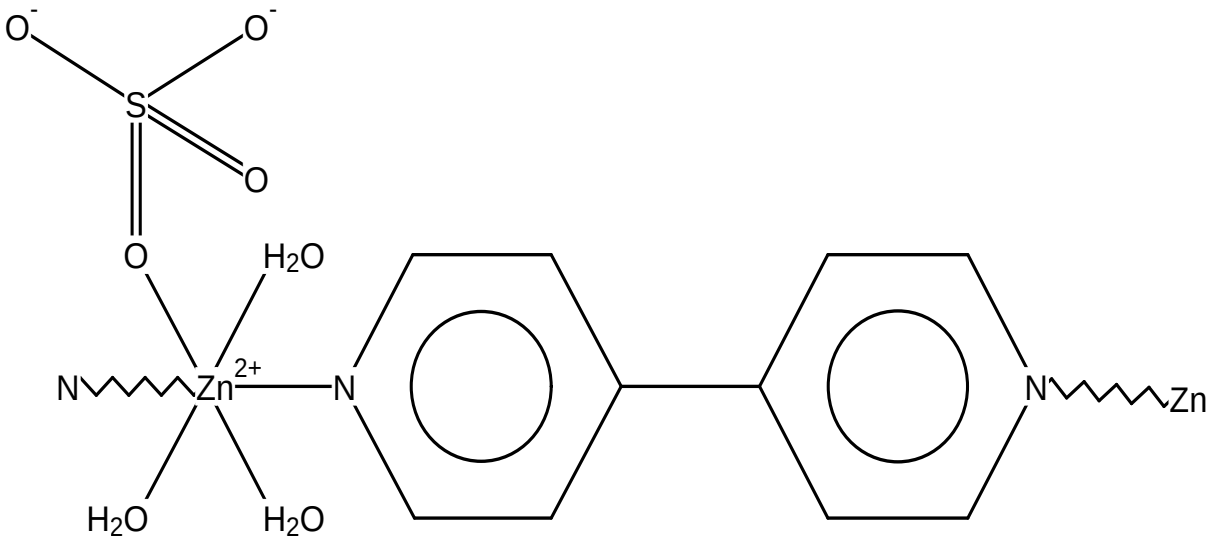
Reference: Jian-Fang Ma, Jing-Fu Liu, Yan Xing, Heng-Qing Jia, Yong-Hua Lin (2000) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**19,**103

Formula: $(C_{10}\ H_{14}\ N_2\ O_7\ S_1\ Zn_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-(sulfonato)-triaqua-zinc dihydrate)

Space Group:	P65	***Cell:***	***a***	11.411(2)	***b***	11.411(2)	***c*** 20.908(4)
Space Group No.:	170	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 7.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.723



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1495

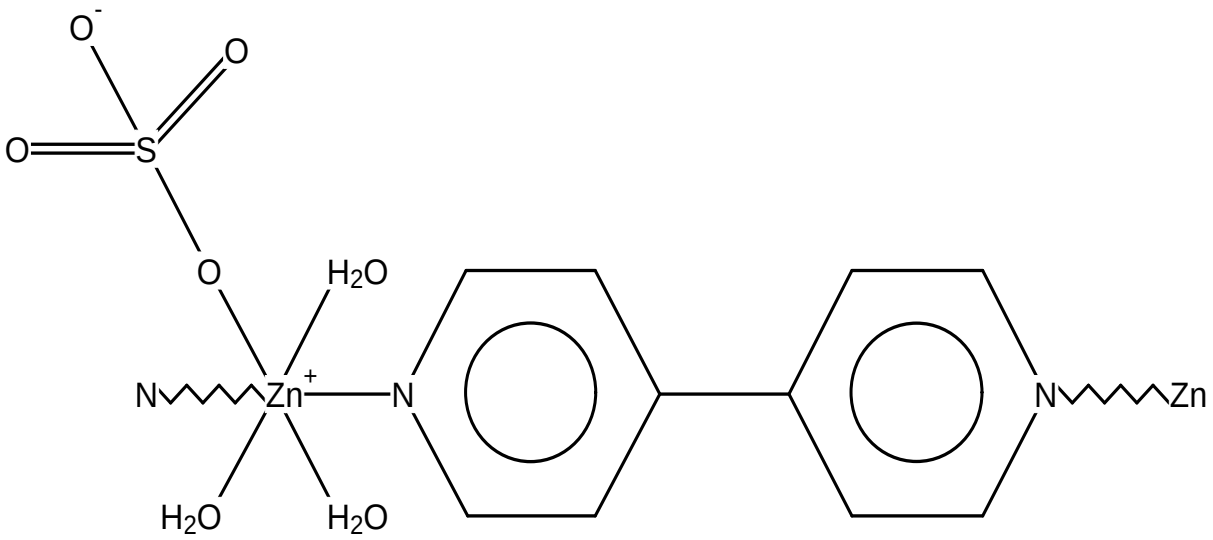
MIKBOX01

Reference: S.W.Ng (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **63,**m2225

Formula: $(C_{10}\ H_{14}\ N_2\ O_7\ S_1\ Zn_1)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-(sulfonato-O)-triaqua-zinc dihydrate)

Space Group:	P61	***Cell:***	***a***	11.428(0)	***b***	11.428(0)	***c*** 20.932(0)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	4.51	***Temperature(K):***	295		***Density(g/cm^3):***		1.716



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1496

MIKBOX02

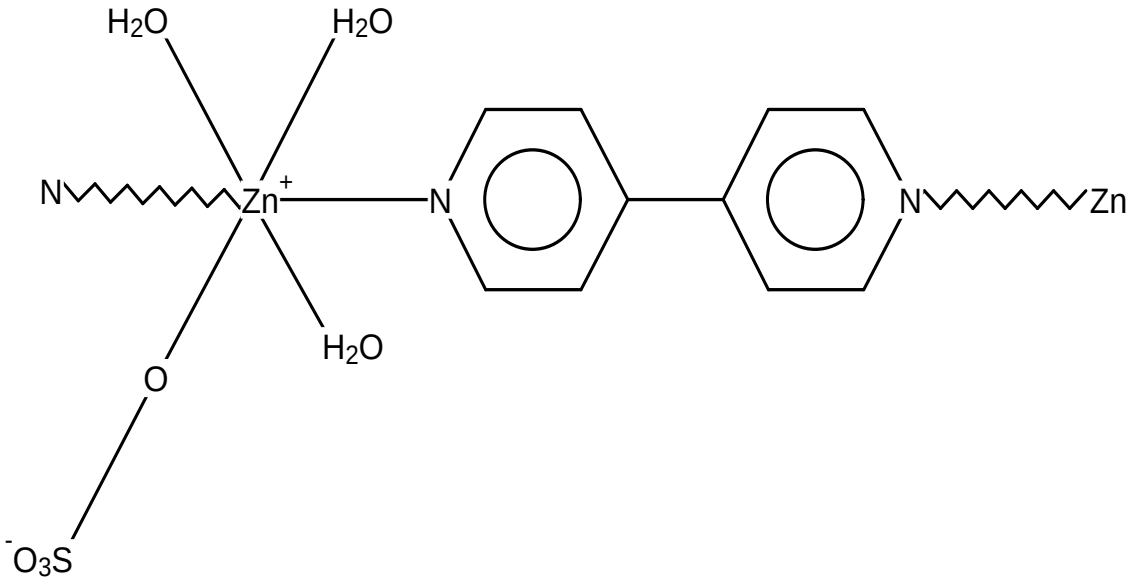
Reference: Xianjin Cui, A.N.Khlobystov, Xinyong Chen, D.H.Marsh, A.J.Blake, W.Lewis, N.R.Champness, C.J.Roberts, M.Schroder (2009) *Chem.-Eur.J.* ,**15,**8861

Formula: $(C_{10}\ H_{14}\ N_2\ O_7\ S_1\ Zn_1)n,2n(H_2\ O_1)$

Compound Name: catena-[mer-(μ_2-4,4'-Bipyridine)-triaqua-sulfato-zinc(ii) dihydrate]

Space Group:	P61	***Cell:***	***a***	11.404(0)	***b***	11.404(0)	***c*** 20.690(2)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.67 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.743



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1497

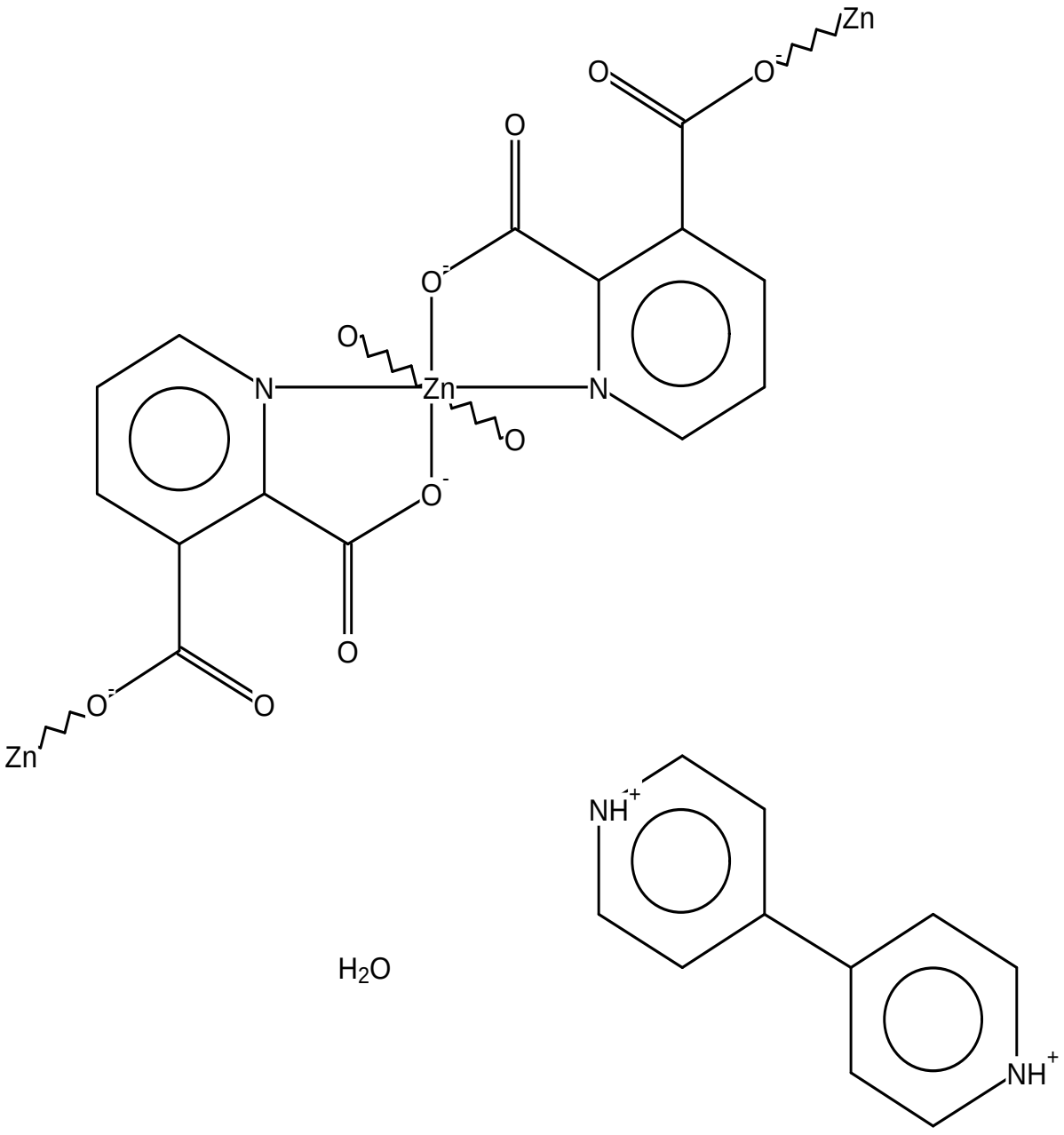
MILDER

Reference: A.M.Baruah, A.Karmakar, J.B.Baruah (2007) *Polyhedron* , **26,**4518

Formula: $(C_{14}\ H_6\ N_2\ O_8\ Zn_1\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),6n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-bipyridinium) bis(μ_2-pyridine-2,3-dicarboxylato)-zinc(ii) hexahydrate)

Space Group:	P21/n	***Cell:***	***a***	11.307(0)	***b***	6.685(0)	***c*** 23.500(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	103.50(0)	γ 90.00
R-Factor (%):	5.05	***Temperature(K):***	296		***Density(g/cm^3):***		1.577



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1498

MILWIN

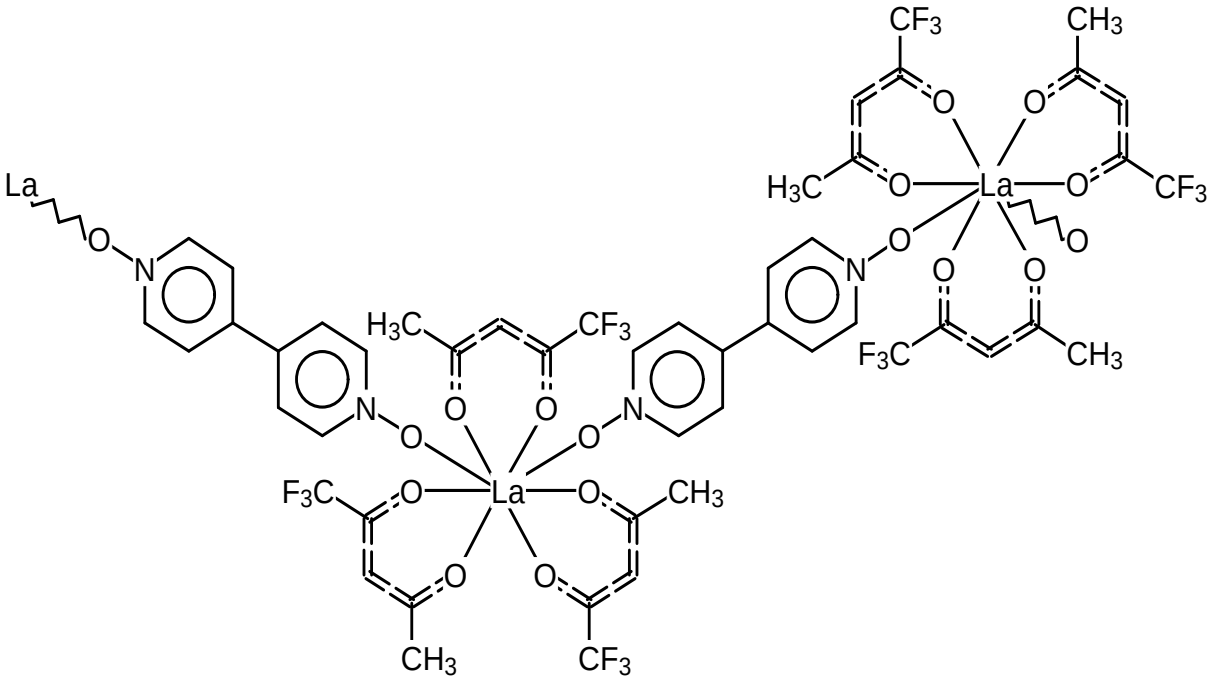
Reference: Wen Xiang Zhu, Yun He (2000) *Chin.Chem.Lett.* ,**11,**935

Formula: $(C_{50}\ H_{40}\ F_{18}\ La_2\ N_4\ O_{16})n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl N,N'-dioxide-O,O')-hexakis(trifluoroacetylacetonato-O,O')-di-lanthanum(iii))

Space Group:	C2/c	***Cell:***	***a***	25.336(5)	***b*** 14.954(3)	***c***	19.452(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 126.50(3)	γ	90.00

R-Factor (%): 4.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.763



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1499

MILWIN01

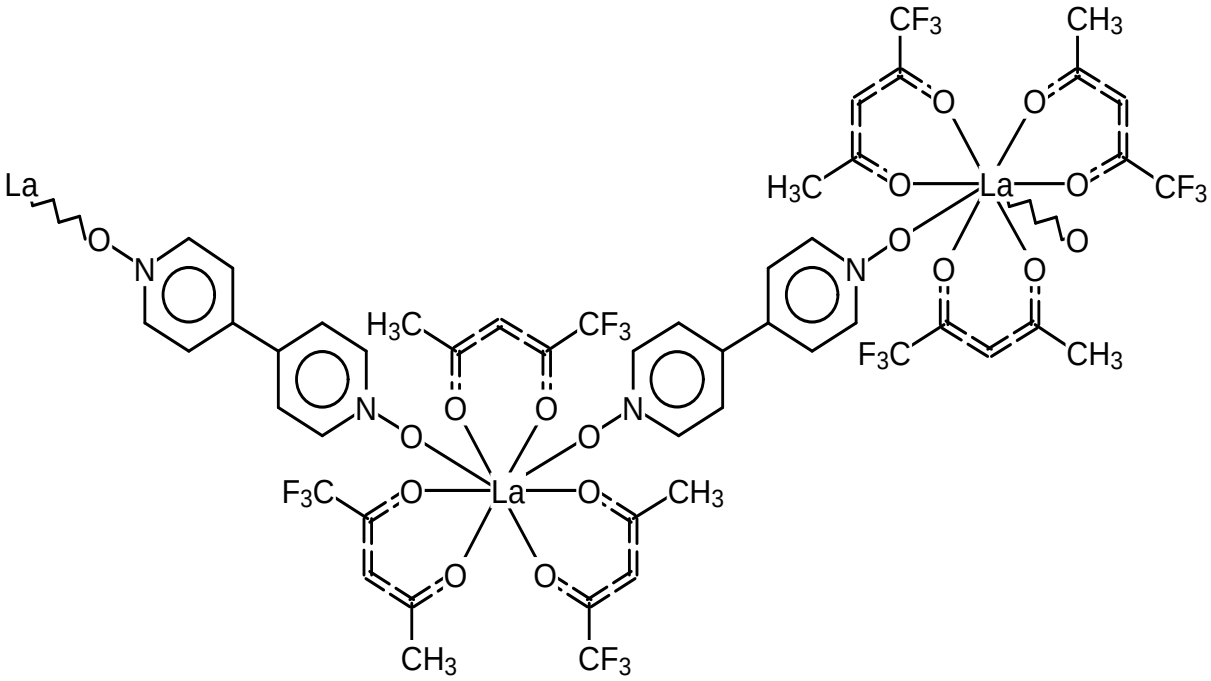
Reference: W.X.Zhu, Y.He (2002) *J.Coord.Chem.* ,**55,**251

Formula: $(C_{50}\ H_{40}\ F_{18}\ La_2\ N_4\ O_{16})n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl N,N'-dioxide-O,O')-hexakis(trifluoroacetylacetonato-O,O')-di-lanthanum(iii))

Space Group:	C2/c	***Cell:***	***a***	25.336(5)	***b*** 14.954(3)	***c***	19.452(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 126.50(3)	γ	90.00

R-Factor (%): 4.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.763



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1500

MIPTUB

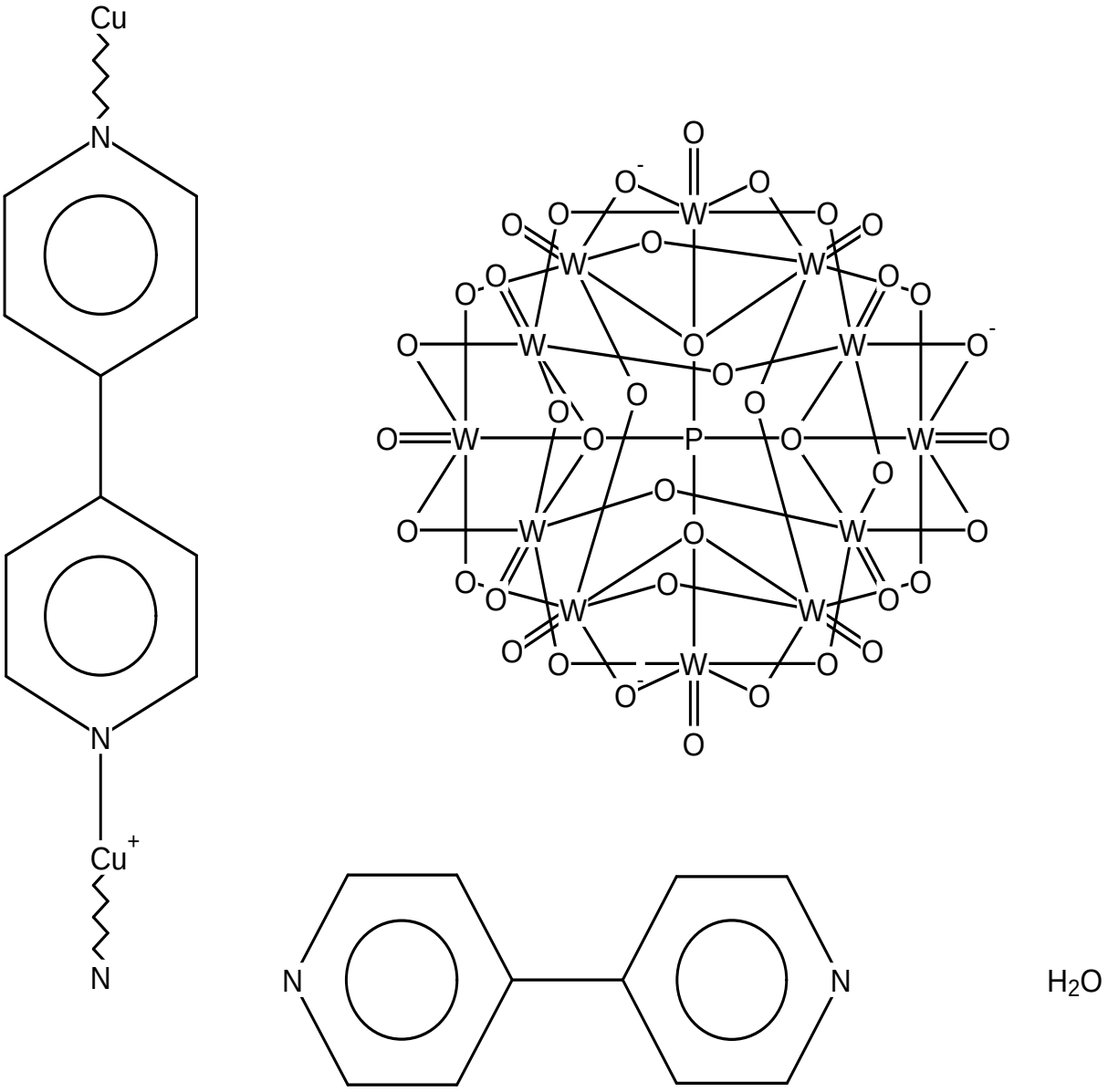
Reference: Jingquan Sha, Jun Peng, Hongsheng Liu, Bo Xue, Jing Chen, Aixiang Tian, Baoxia Dong, Pengpeng Zhang (2007) *J.Mol.Struct. ,***871,**85

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})3n,n(O_{40}\ P_1\ W_{12}\ ^{3-}),n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(tris((μ_2-4,4'-Bipyridine)-copper(i)) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.920(0)	***b*** 12.398(0)	***c*** 13.040(0)
Space Group No.:	2	***(Å,°)***	α 113.36(0)	β 93.78(0)	γ 99.14(0)

R-Factor (%): 5.78 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 3.909



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1501

MIPVAJ

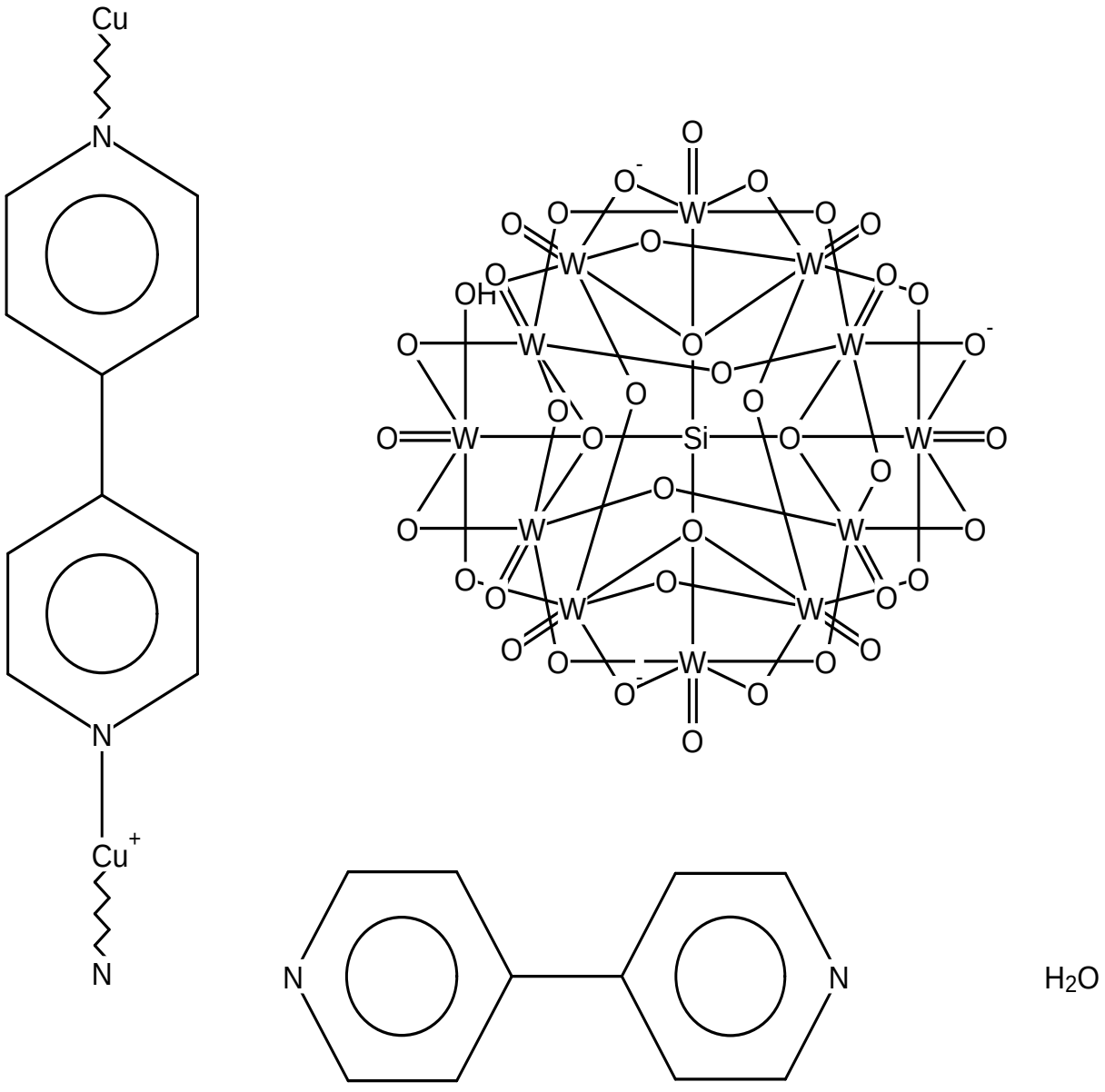
Reference: Jingquan Sha, Jun Peng, Hongsheng Liu, Bo Xue, Jing Chen, Aixiang Tian, Baoxia Dong, Pengpeng Zhang (2007) *J.Mol.Struct. ,***871,**85

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})3n,n(H_1\ O_{40}\ Si_1\ W_{12}\ ^{3-}),n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(tris((μ_2-4,4'-Bipyridine)-copper(i)) (μ_{12}-silicato)-(μ_2-hydroxo)-tricosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.881(3)	***b***	12.401(3)	***c*** 13.025(3)
Space Group No.:	2	***(Å,°)***	α	113.82(0)	β	93.53(0)	γ 98.94(0)

R-Factor (%): 8.66 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.934



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1502

MIRFID

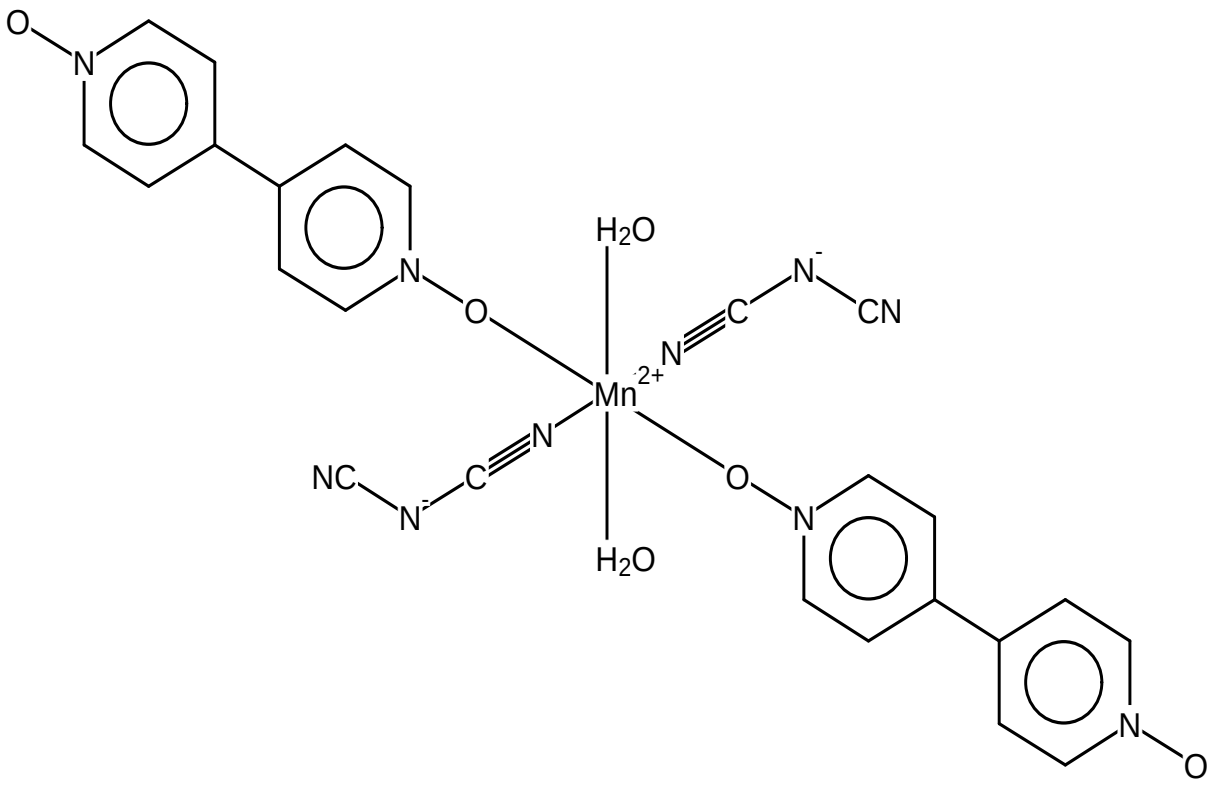
Reference: Q.-H.Zhao, Y.-Q.Liu, M.-S.Zhang, R.-B.Fang (2007)
Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.) ,**48,**564

Formula: $C_{24}\,H_{20}\,Mn_1\,N_{10}\,O_6$

Compound Name: bis(4,4'-Bipyridyl-N,N'-dioxide)-diaqua-bis(dicyanamido)-manganese(ii)

Space Group:	P-1	***Cell:***	***a***	8.247(14)	***b***	9.001(16)	***c*** 9.707(17)
Space Group No.:	2	***(Å,°)***	α	71.02(2)	β	78.63(2)	γ 72.62(2)

R-Factor (%):	8.30	***Temperature(K):***	295	***Density(g/cm^3):***	1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1503

MIRNOR

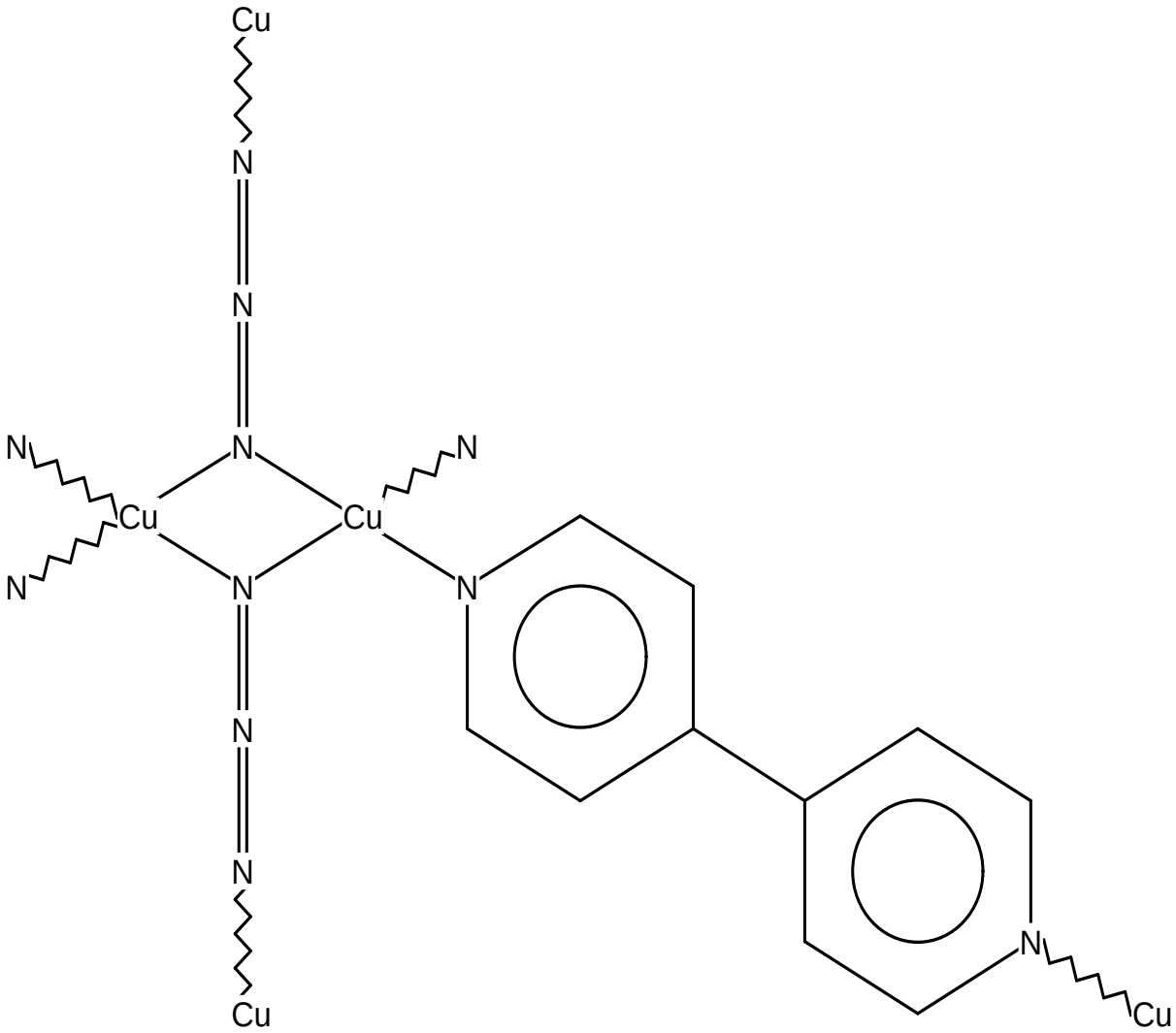
Reference: Fu-Chen Liu, Jie Ouyang (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m6

Formula: $(C_{10}\ H_8\ Cu_2\ N_8)n$

Compound Name: catena-[bis(μ_3-Azido)-(μ_2-4,4'-bipyridine)-di-copper(i)]

Space Group:	P21/n	***Cell:***	***a***	8.811(1)	***b***	8.062(1)	***c*** 9.264(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	112.53(3)	γ 90.00

R-Factor (%): 3.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.007



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1504

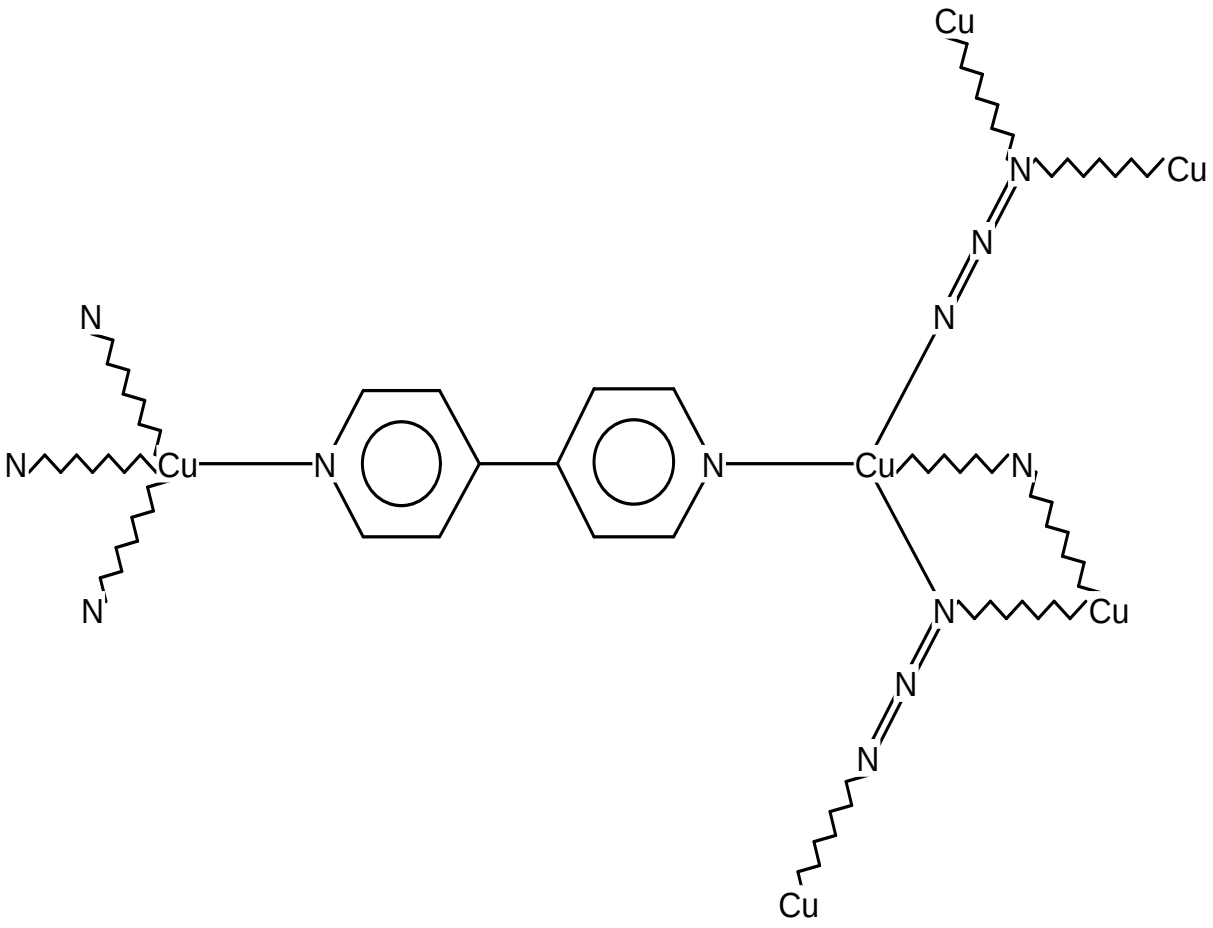
MIRNOR01

Reference: Guang Fan, San Ping Chen, Sheng Li Gao (2007)
*Struct.Chem. ,***18,**725

Formula: $(C_{10}\ H_8\ Cu_2\ N_8)n$

Compound Name: catena-(bis(μ_3-Azido-N,N,N'')-(μ_2-4,4'-bipyridine-N,N')-di-copper(i))

Space Group:	P21/n	***Cell:***	***a***	8.857(4)	***b***	8.002(3)	***c*** 9.246(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	112.31(0)	γ 90.00
R-Factor (%):	3.35	***Temperature(K):***	273		***Density(g/cm^3):***		2.012



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1505

MIRWIU

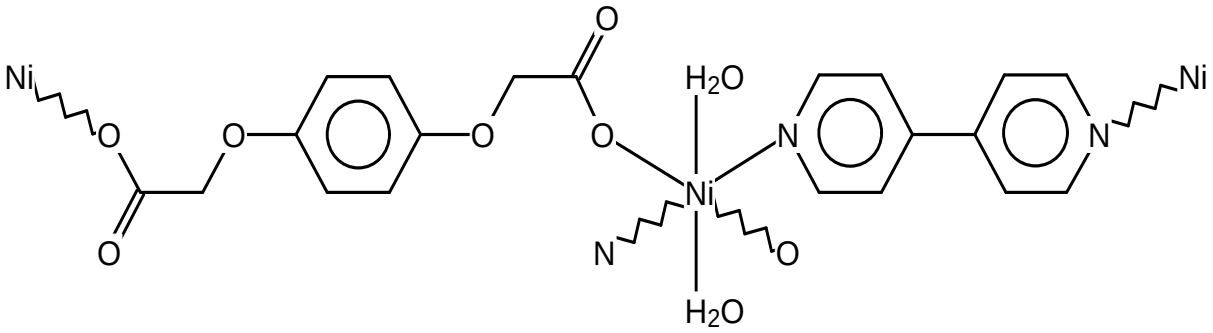
Reference: Licai Zhu, Hebing Zhu, Feng Sun (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m57

Formula: $(C_{20}\ H_{20}\ N_2\ Ni_1\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-p-phenylenedioxydiacetato)-diaqua-nickel(ii))

Space Group:	P-1	***Cell:***	***a***	5.754(0)	***b***	8.170(0)	***c*** 10.644(0)
Space Group No.:	2	***(Å,°)***	α	106.16(0)	β	96.82(0)	γ 97.34(0)

R-Factor (%): 3.35 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.677



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1506

MITFAX

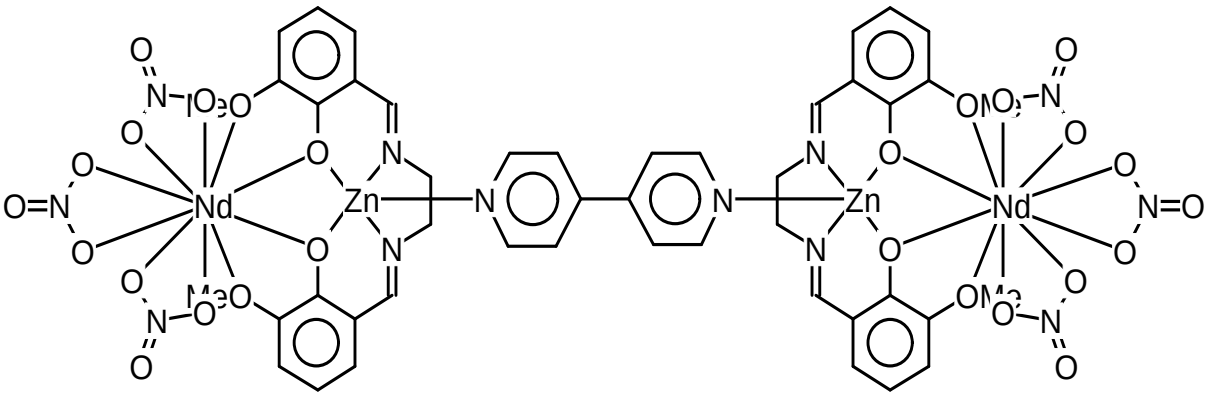
Reference: Xingqiang Lu, Weiyu Bi, Wenli Chai, Jirong Song, Jianxin Meng, Wai-Yeung Wong, Wai-Kwok Wong, R.A.Jones (2008) *New J.Chem. ,***32,**127

Formula: $C_{46}\ H_{44}\ N_{12}\ Nd_2\ O_{26}\ Zn_2, C_4\ H_{10}\ O_1$

Compound Name: bis(μ_2-N,N'-bis(3-Methoxysalicylidene)ethane-1,2-diaminato)-(μ_2-4,4'-bipyridyl)-hexakis(nitrato-O,O')-di-neodymium-di-zinc(ii) diethyl ether solvate

Space Group:	P-1	***Cell:***	***a***	9.565(0)	***b***	10.510(0)	***c*** 16.264(0)
Space Group No.:	2	***(Å,°)***	α	77.66(0)	β	80.68(0)	γ 74.25(0)

R-Factor (%): 2.56 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.820



Et—O—Et

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1507

MIWJIM

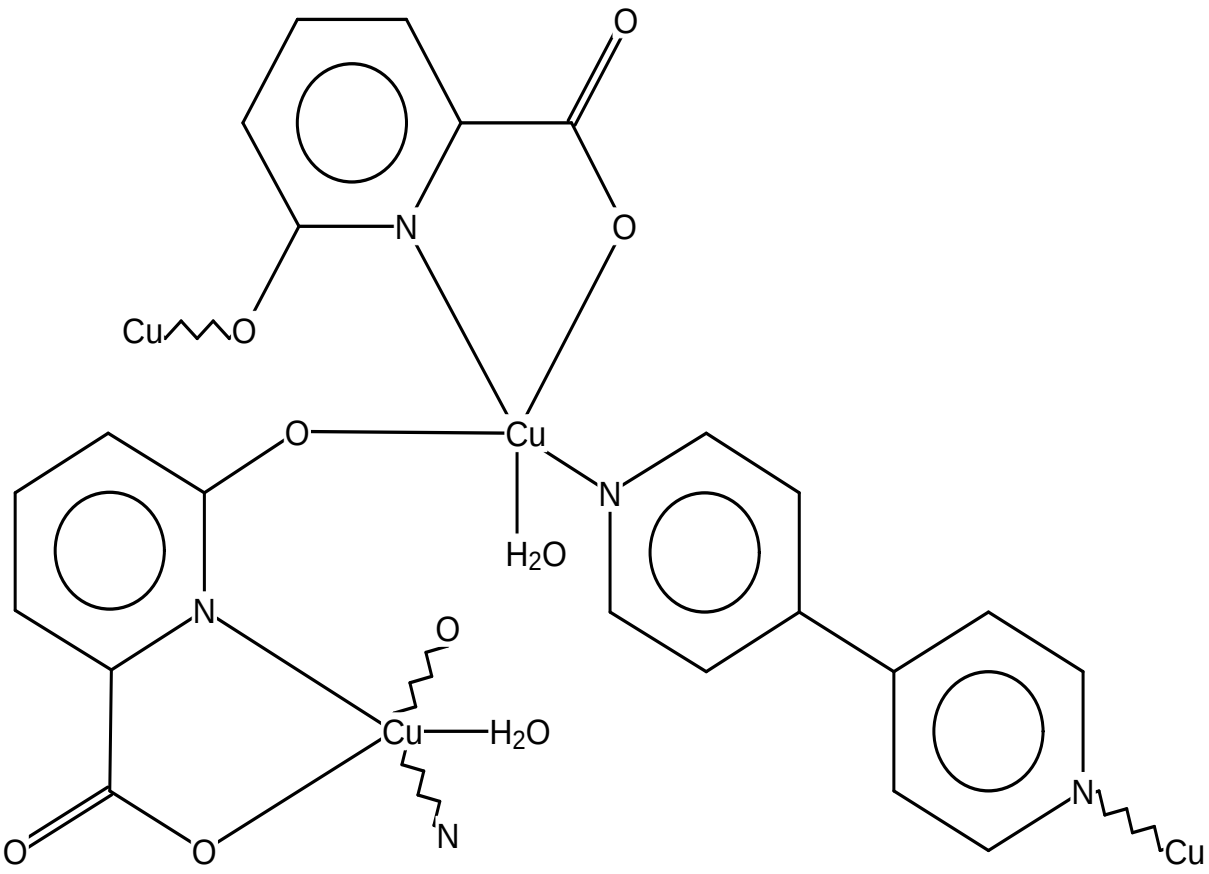
Reference: Chang-Yan Sun, Jie Zhou, Wen-Jun Li, Lin-Pei Jin (2008) *Z.Anorg.Allg.Chem.* ,**634,**549

Formula: $(C_{22}\ H_{18}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-6-oxypicolinato)-diaqua-di-copper(ii))

Space Group:	P21/c	***Cell:***	***a***	9.623(3)	***b***	12.711(4)	***c***	8.950(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.57(0)	γ	90.00

R-Factor (%): 2.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.806



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1508

MIYHOS

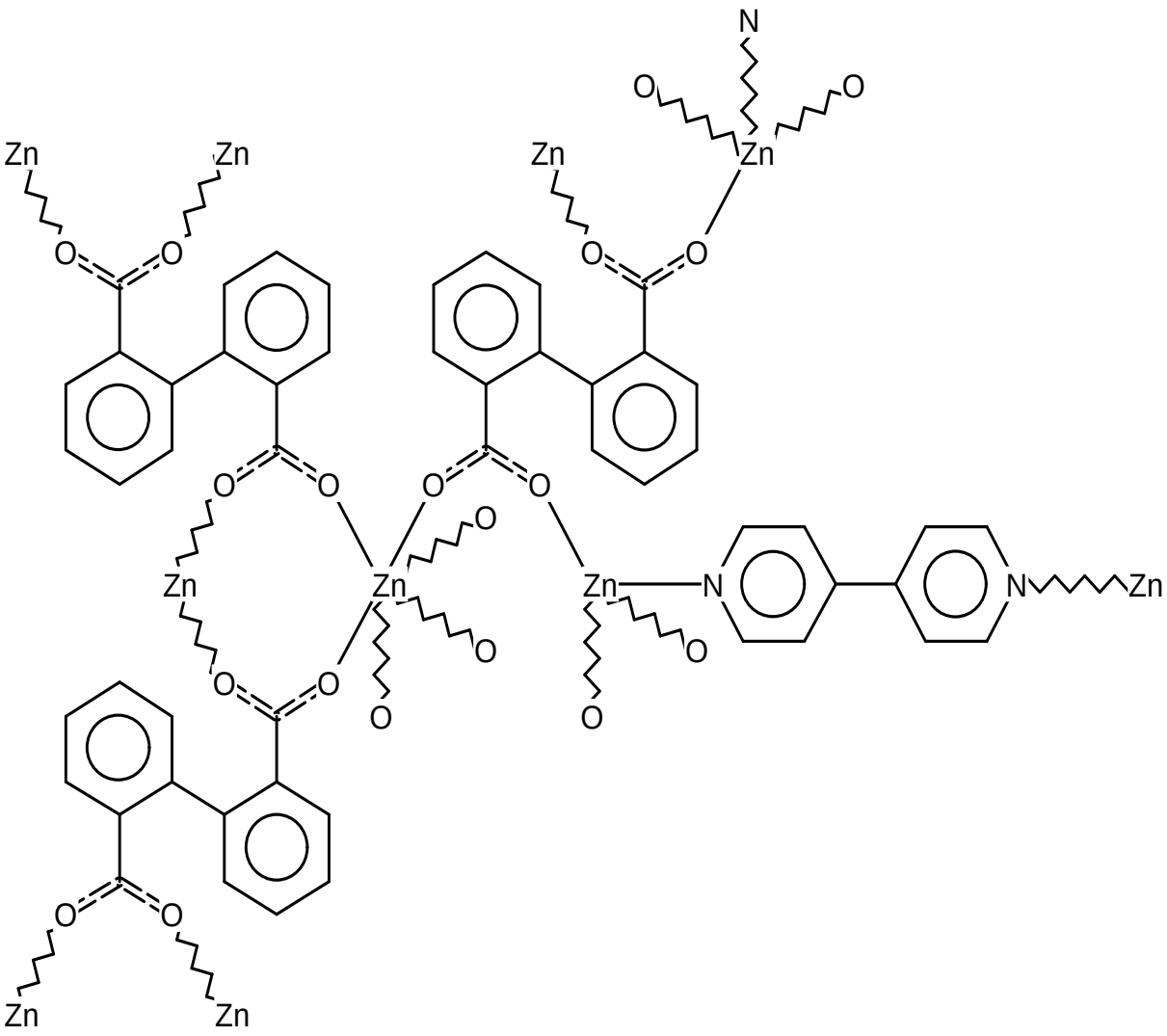
Reference: Ya-Qi Jiang, Fang-Fang Li, Zhao-Xiong Xie (2008)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**27,**267

Formula: $(C_{52}\ H_{32}\ N_2\ O_{12}\ Zn_3)n$

Compound Name: catena-(tris(μ_4-2,2'-Biphenyldicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-tri-zinc(ii))

Space Group:	Ia-3	***Cell:***	***a***	20.969(0)	***b***	20.969(0)	***c***	20.969(0)
Space Group No.:	206	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.31 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.546



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1509

MIYLEM

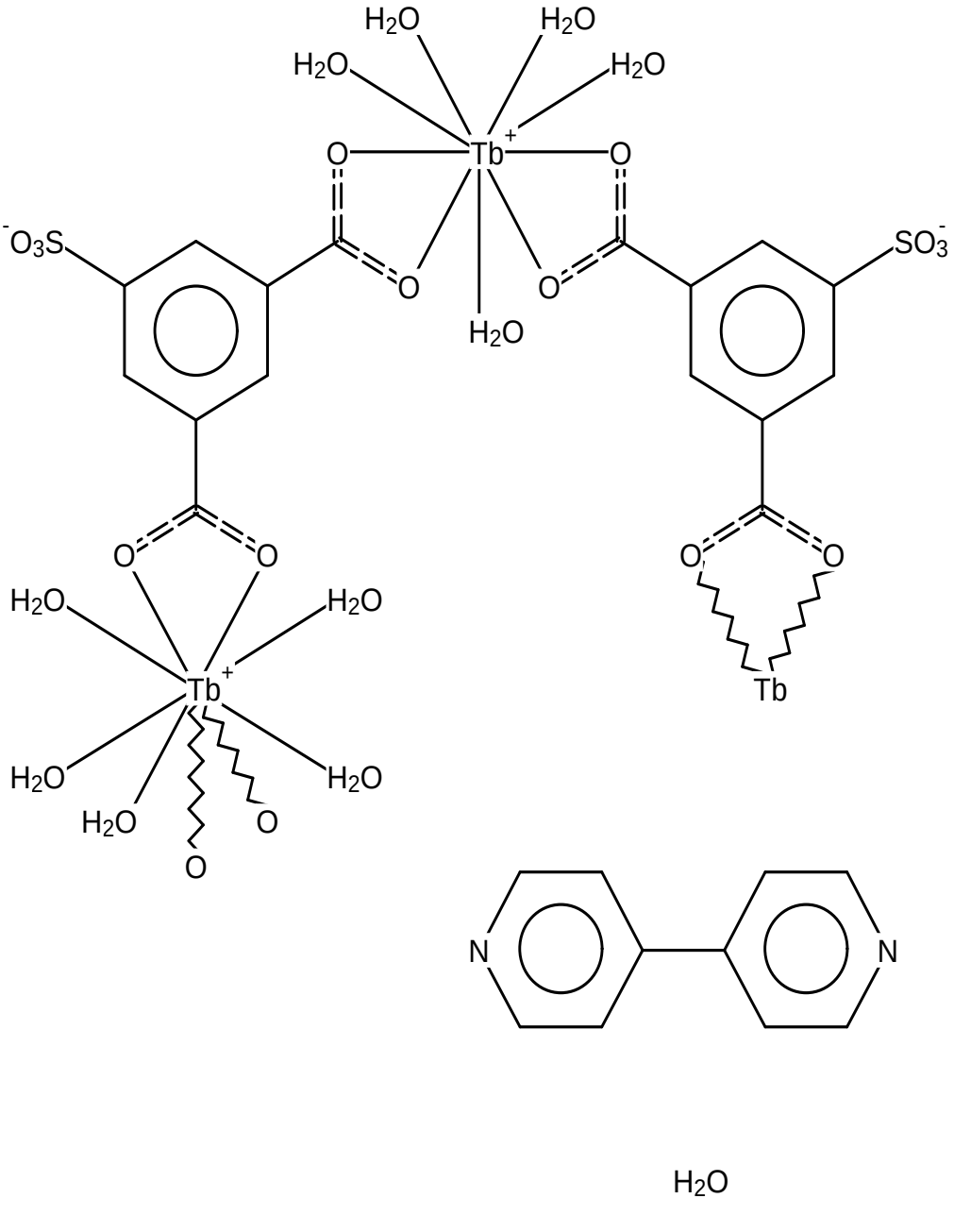
Reference: Yu-Ling Wang, Qing-Yan Liu, Li Xu, Sheng-Liang Zhong (2008) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**27,**362

Formula: $(C_{16}\ H_{26}\ O_{24}\ S_2\ Tb_2)n,3n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-5-Sulfonatoisophthalato-O,O',O'',O''')-deca-aqua-di-terbium(iii) tris(4,4'-bipyridine) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	30.684(0)	***b*** 10.921(0)	***c***	17.497(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.93(0)	γ	90.00

R-Factor (%): 6.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.796



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1510

MIZKUC

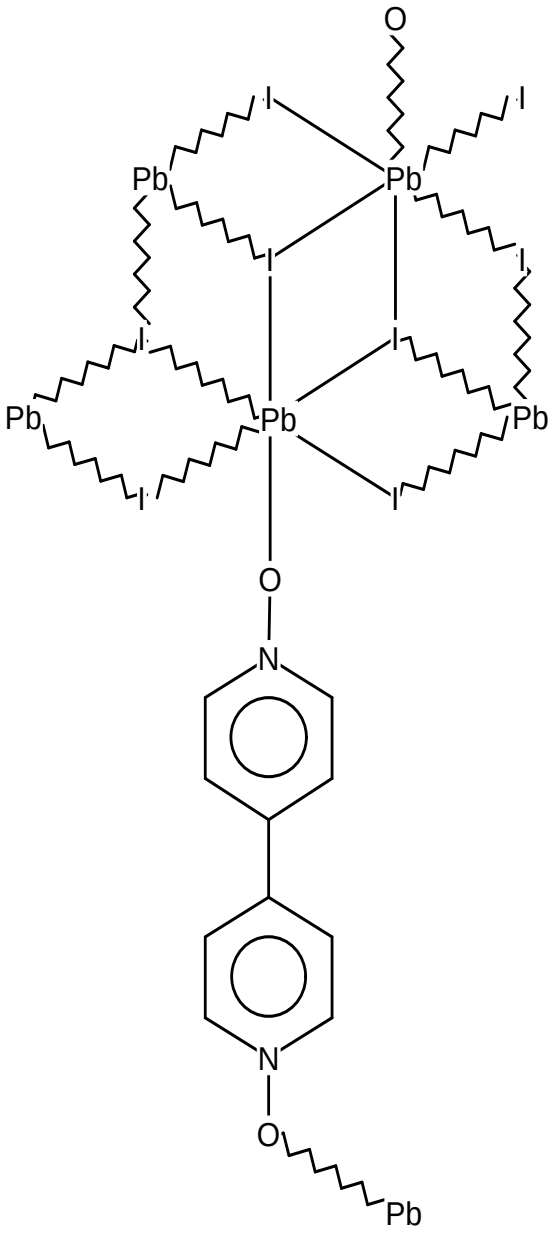
Reference: Yun Jie Wang, Hao Hong Li, Zhi Rong Chen, Chang Cang Huang, Xi He Huang, Miao Feng, Yun Lin (2008) *CrystEngComm* ,**10,**770

Formula: $(C_{10}\ H_8\ I_4\ N_2\ O_2\ Pb_2)n$

Compound Name: catena-(bis(μ_3-Iodo)-bis(μ_2-iodo)-(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-di-lead(ii))

Space Group:	P-1	***Cell:***	***a***	4.564(0)	***b***	8.974(1)	***c*** 11.778(2)
Space Group No.:	2	***(Å,°)***	α	78.05(3)	β	83.67(3)	γ 84.67(3)

R-Factor (%): 5.11 ***Temperature(K):*** 293 ***Density(g/cm3):*** 3.940



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1511

MIZNEP

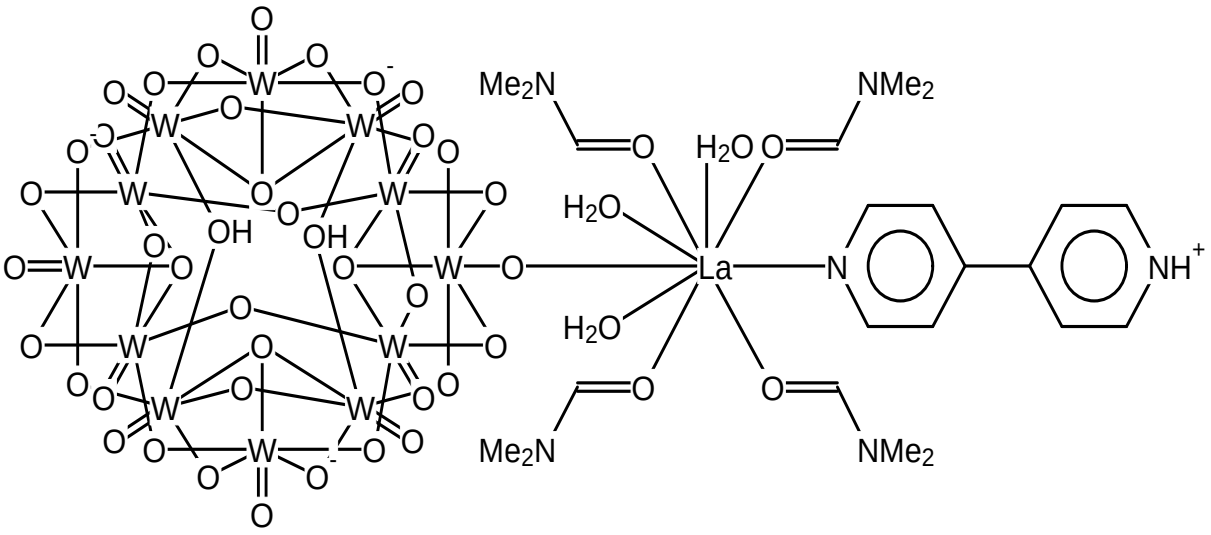
Reference: Hongli Chen, Yan Ding, Enbo Wang, Xinxin Xu, Yanfei Qi, Song Chang, Yangguang Li (2008) *Transition Met.Chem. ,***33,**341

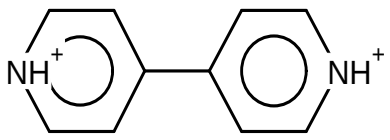
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_{22}\,H_{45}\,La_1\,N_6\,O_{47}\,W_{12}\,^{2-}$,4($H_2\,O_1$)

Compound Name: 4,4'-Bipyridinium tetrakis(μ_3-oxo)-bis(μ_2-hydroxo)-tricosakis(μ_2-oxo)-triaqua-tetrakis(dimethylformamide)-undecaoxo-(4-(4'-pyridinio)pyridine-N)-lanthanum(iii)-dodeca-tungsten tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	19.021(4)	***b*** 20.822(4)	***c***	20.954(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.18(3)	γ	90.00

R-Factor (%): 6.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.036





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1512

MIZNIT

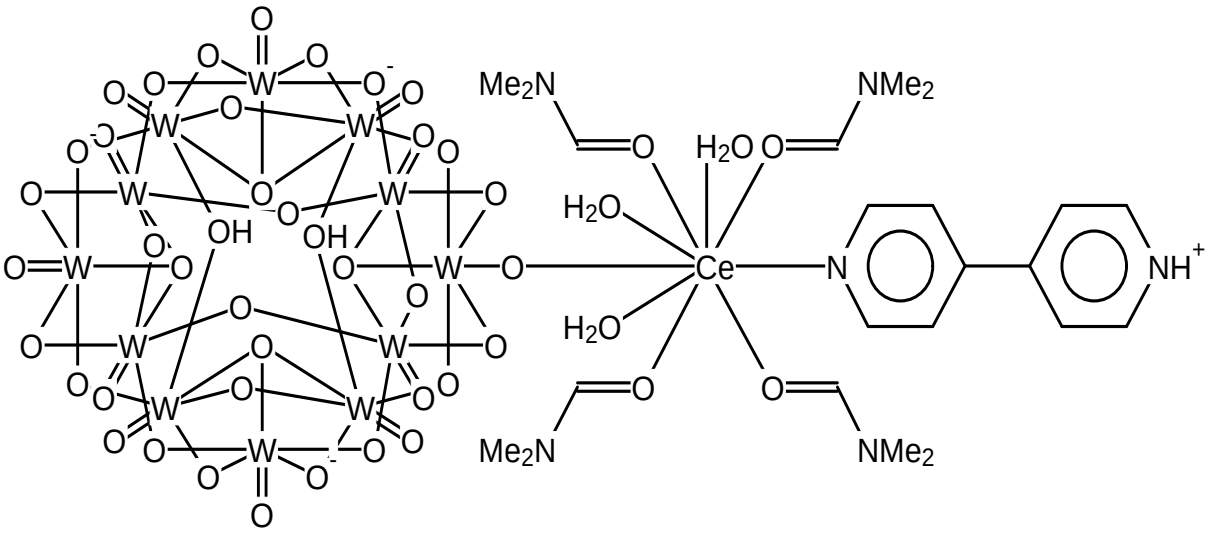
Reference: Hongli Chen, Yan Ding, Enbo Wang, Xinxin Xu, Yanfei Qi, Song Chang, Yangguang Li (2008) *Transition Met.Chem. ,***33,**341

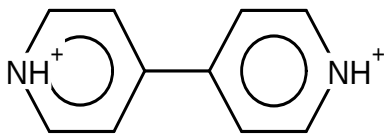
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_{22}\,H_{45}\,Ce_1\,N_6\,O_{47}\,W_{12}\,^{2-}$,10($H_2\,O_1$)

Compound Name: 4,4'-Bipyridinium tetrakis(μ_3-oxo)-bis(μ_2-hydroxo)-tricosakis(μ_2-oxo)-triaqua-tetrakis(dimethylformamide)-undecaoxo-(4-(4'-pyiridinio)pyridine-N)-cerium(iii)-dodeca-tungsten decahydrate

Space Group:	P21/n	***Cell:***	***a***	18.924(4)	***b*** 20.890(4)	***c***	21.040(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.08(3)	γ	90.00

R-Factor (%): 7.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.117





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1513

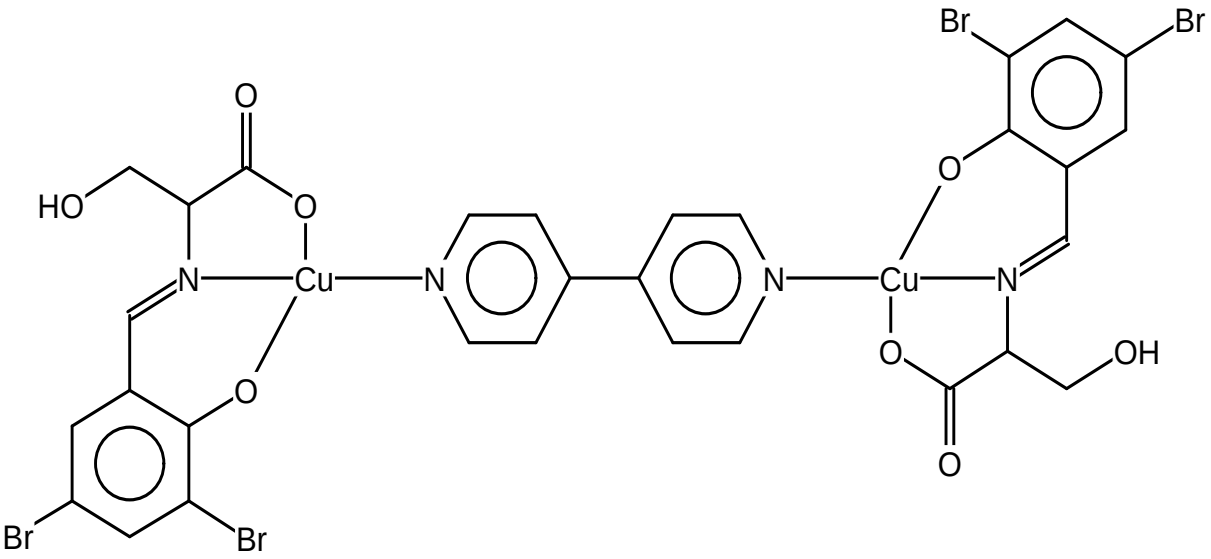
MODFER

Reference: Yong Liao Wang, Zheng Liu, Yuan Wang (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m953

Formula: $C_{30}\ H_{22}\ Br_4\ Cu_2\ N_4\ O_8,H_2\ O_1$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis((2-(3,5-dibromo-2-oxidobenzylideneamino)-3-hydroxypropanoato-N,O,O')-copper(ii)) monohydrate

Space Group:	P21	***Cell:***	***a*** 7.391(0)	***b*** 11.337(1)	***c*** 19.943(2)
Space Group No.:	4	***(Å,°)***	α 90.00	β 93.69(0)	γ 90.00
R-Factor (%):	7.33	***Temperature(K):***	298	***Density(g/cm^3):***	2.054



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1514

MODNAU

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

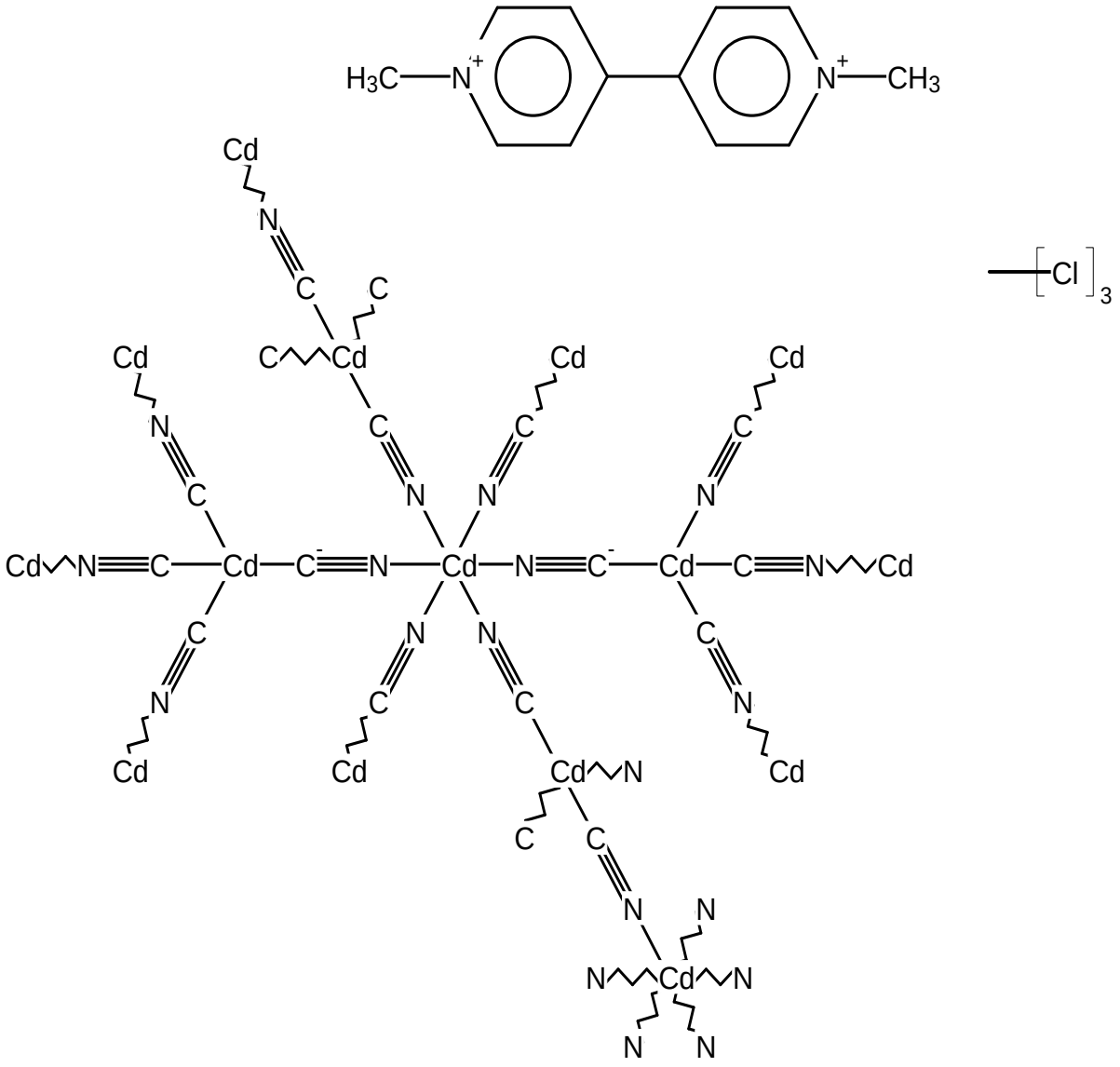
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{14}\ Cd_6\ N_{14}\ ^{2-}),2n(C_1\ H_1\ Cl_3)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium tetradecakis(μ_2-cyano)-hexa-cadmium chloroform clathrate)

Synonym: catena-(Methylviologen tetradecakis(μ_2-cyano)-hexa-cadmium chloroform clathrate)

Space Group:	Pbca	***Cell:***	***a***	13.645(0)	***b***	27.204(0)	***c***	13.550(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.933



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1515

MODNEY

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

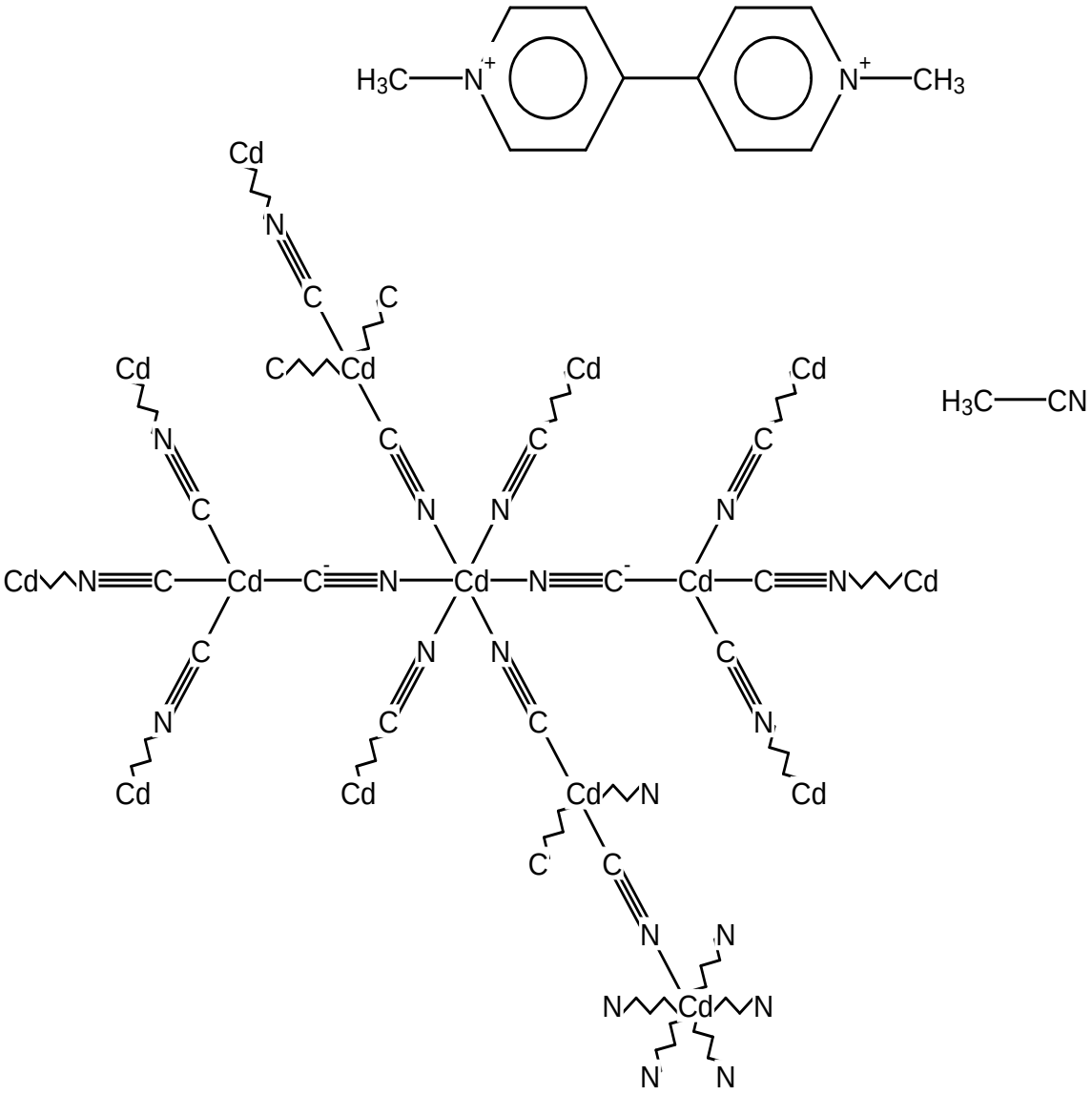
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{14}\ Cd_6\ N_{14}\ ^{2-}),2n(C_2\ H_3\ N_1)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium tetradecakis(μ_2-cyano)-hexa-cadmium acetonitrile clathrate)

Synonym: catena-(Methylviologen tetradecakis(μ_2-cyano)-hexa-cadmium acetonitrile clathrate)

Space Group:	Pbca	***Cell:***	***a***	13.794(8)	***b***	26.990(6)	***c***	13.665(5)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.706



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1516

MODNIC

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

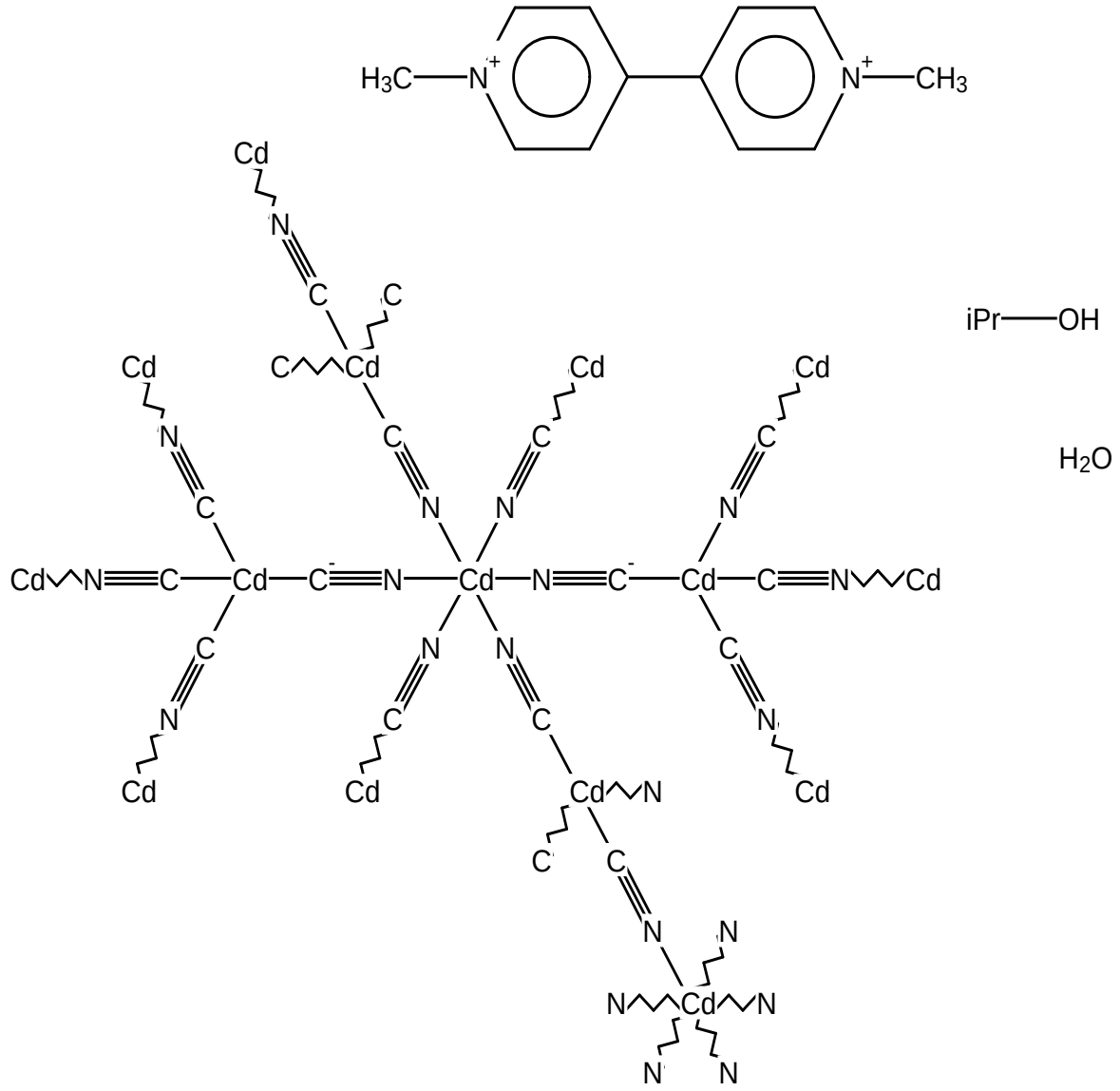
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{14}\ Cd_6\ N_{14}\ ^{2-}),2n(C_3\ H_8\ O_1),3n(H_2\ O_1)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium tetradecakis(μ_2-cyano)-hexa-cadmium bis(2-propanol) trihydrate clathrate)

Synonym: catena-(Methylviologen tetradecakis(μ_2-cyano)-hexa-cadmium bis(2-propanol) trihydrate clathrate)

Space Group:	Pbca	***Cell:***	***a***	13.724(4)	***b***	27.269(6)	***c***	13.569(5)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.830



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1517

MODNOI

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

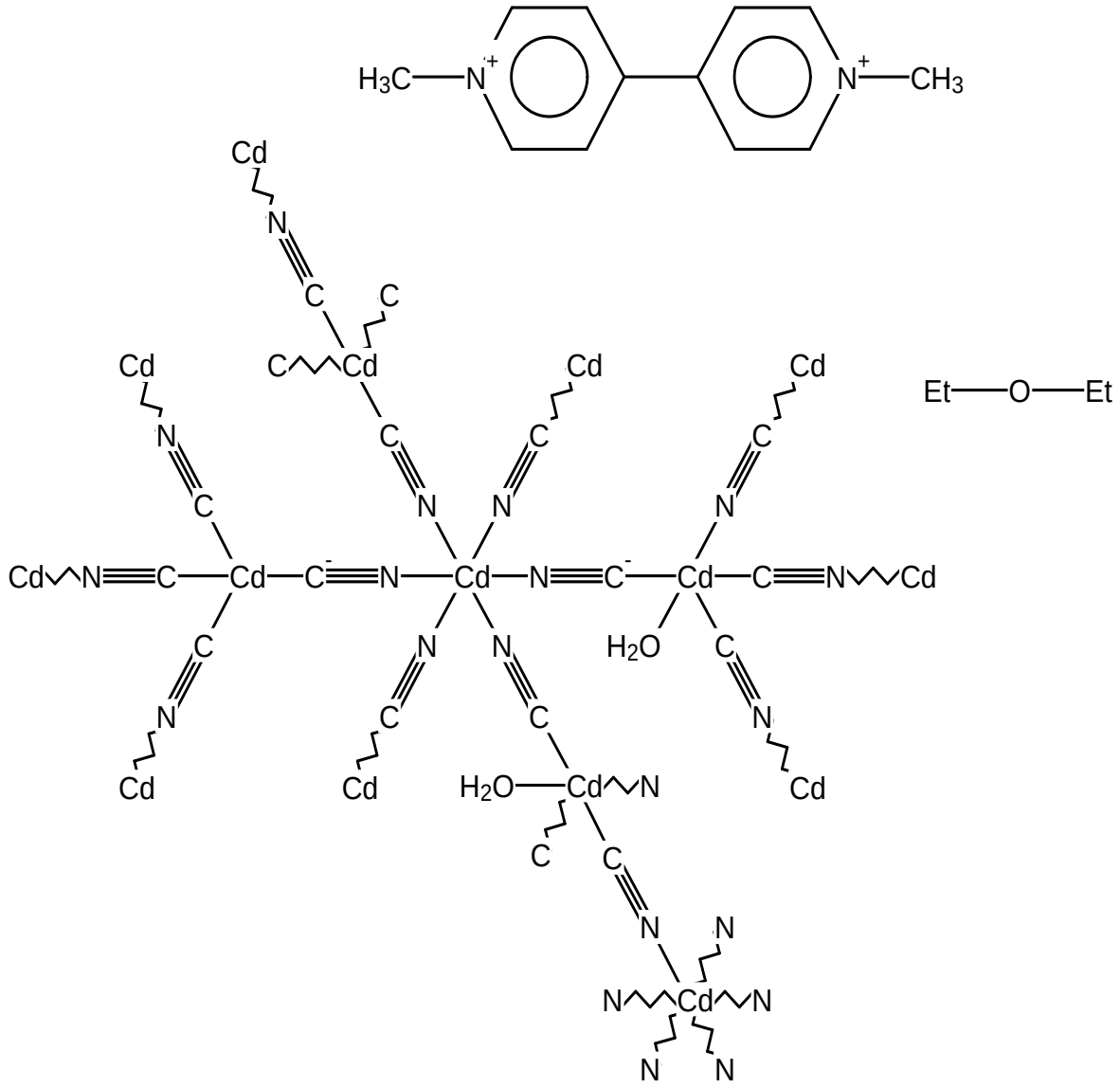
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{14}\ H_4\ Cd_6\ N_{14}\ O_2\ ^{2-}),2n(C_4\ H_{10}\ O_1)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium tetradecakis(μ_2-cyano)-diaqua-hexa-cadmium bis(diethyl ether) clathrate)

Synonym: catena-(Methylviologen tetradecakis(μ_2-cyano)-diaqua-hexa-cadmium bis(diethyl ether) clathrate)

Space Group:	Pbca	***Cell:***	***a***	13.718(7)	***b***	27.232(5)	***c***	13.639(5)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.837



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1518

MODNUO

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

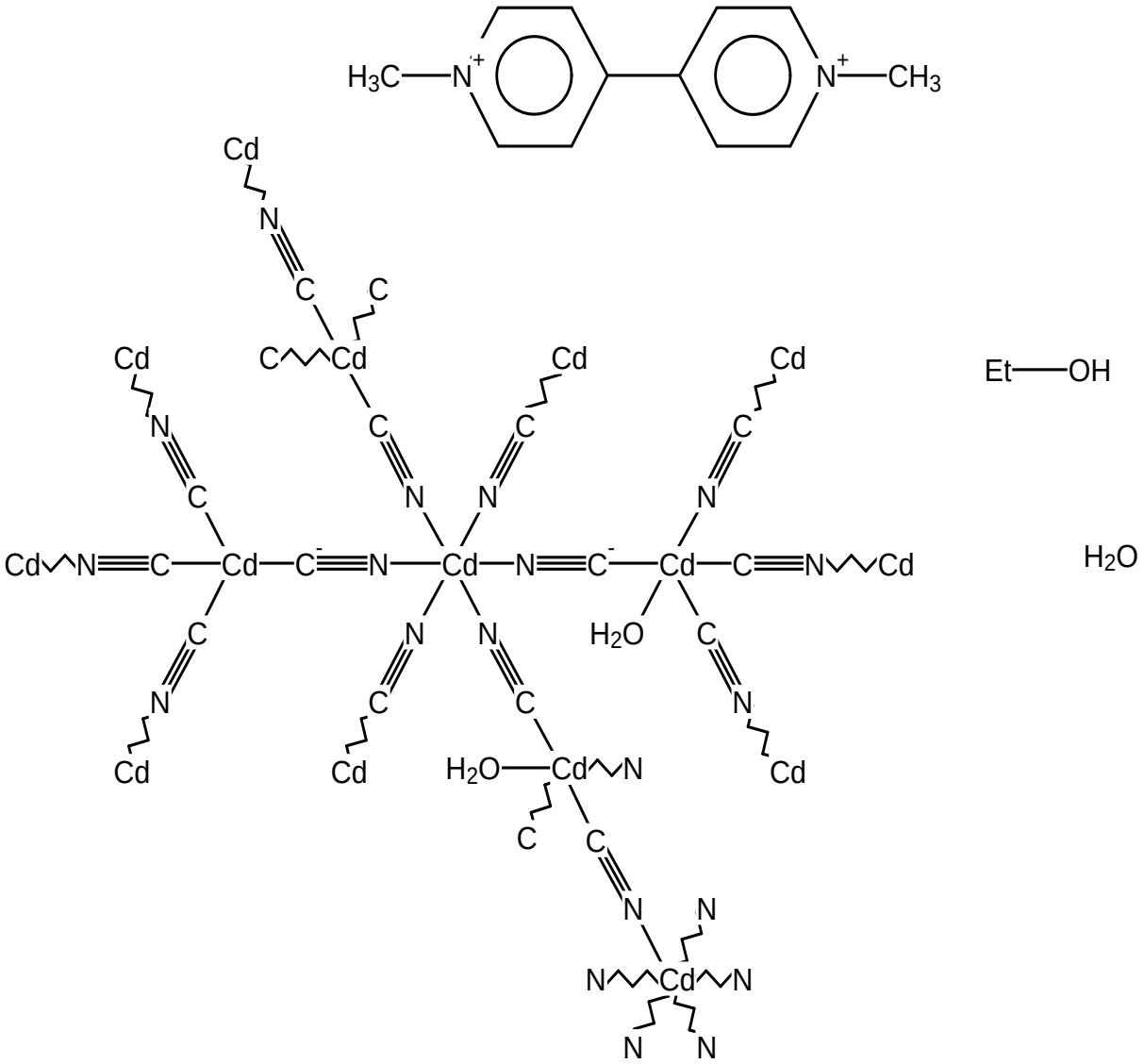
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{14}\ H_4\ Cd_6\ N_{14}\ O_2\ ^{2-}),2n(C_2\ H_6\ O_1),3n(H_2\ O_1)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium tetradecakis(μ_2-cyano)-diaqua-hexa-cadmium bis(ethanol) trihydrate clathrate)

Synonym: catena-(Methylviologen tetradecakis(μ_2-cyano)-diaqua-hexa-cadmium bis(ethanol) trihydrate clathrate)

Space Group:	Pbca	***Cell:***	***a***	13.740(6)	***b***	27.030(10)	***c***	13.647(6)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.844



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1519

MODPAW

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

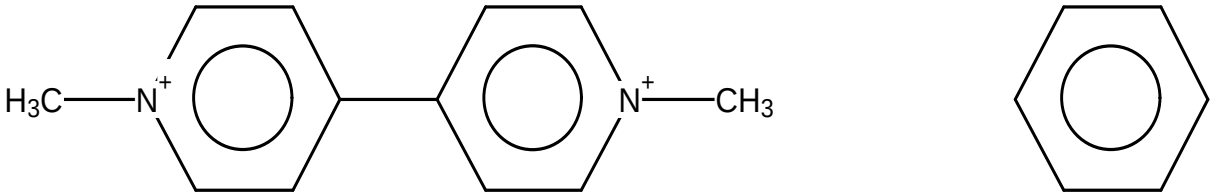
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{12}\ Cd_5\ N_{12}\ ^{2-}),n(C_6\ H_6)$

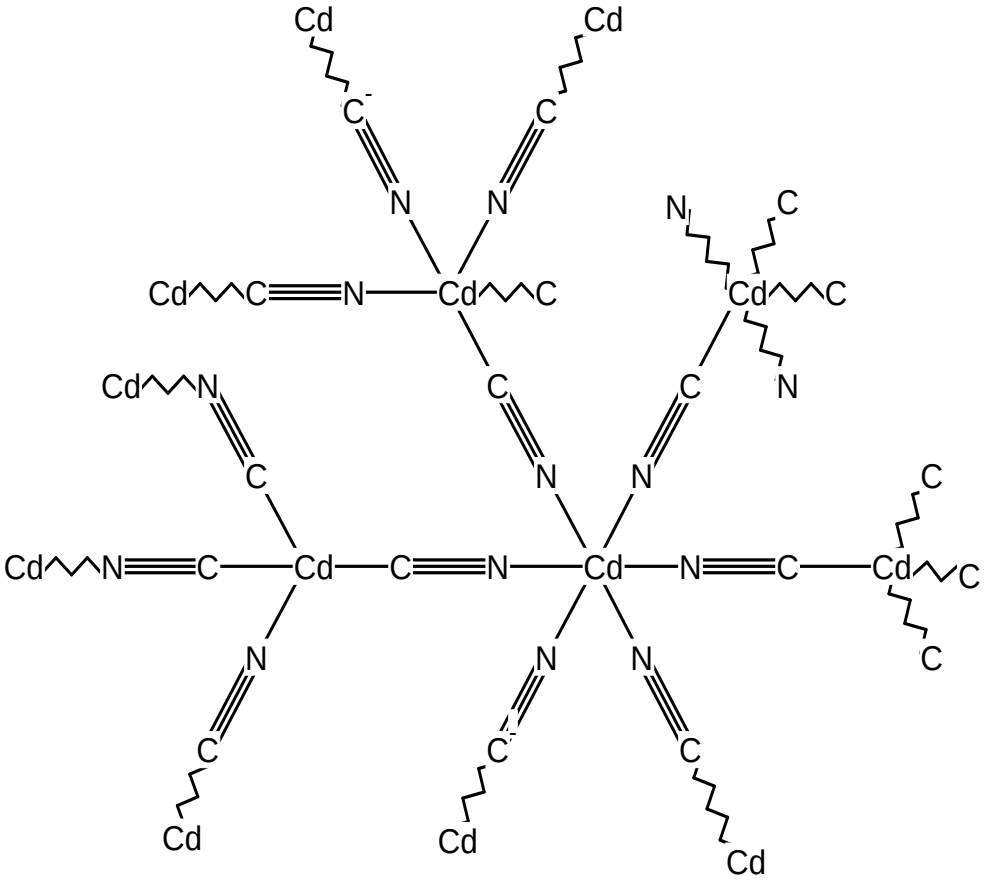
Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium dodecakis(μ_2-cyano)-penta-cadmium benzene clathrate)

Synonym: catena-(Methylviologen dodecakis(μ_2-cyano)-penta-cadmium benzene clathrate)

Space Group:	Icmm	***Cell:***	***a***	11.129(0)	***b***	23.697(1)	***c***	15.754(0)
Space Group No.:	74	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.820





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1520

MODPEA

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

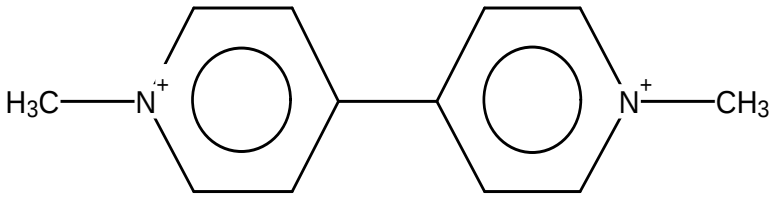
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{12}\ Cd_5\ N_{12}\ ^{2-}),n(C_7\ H_8)$

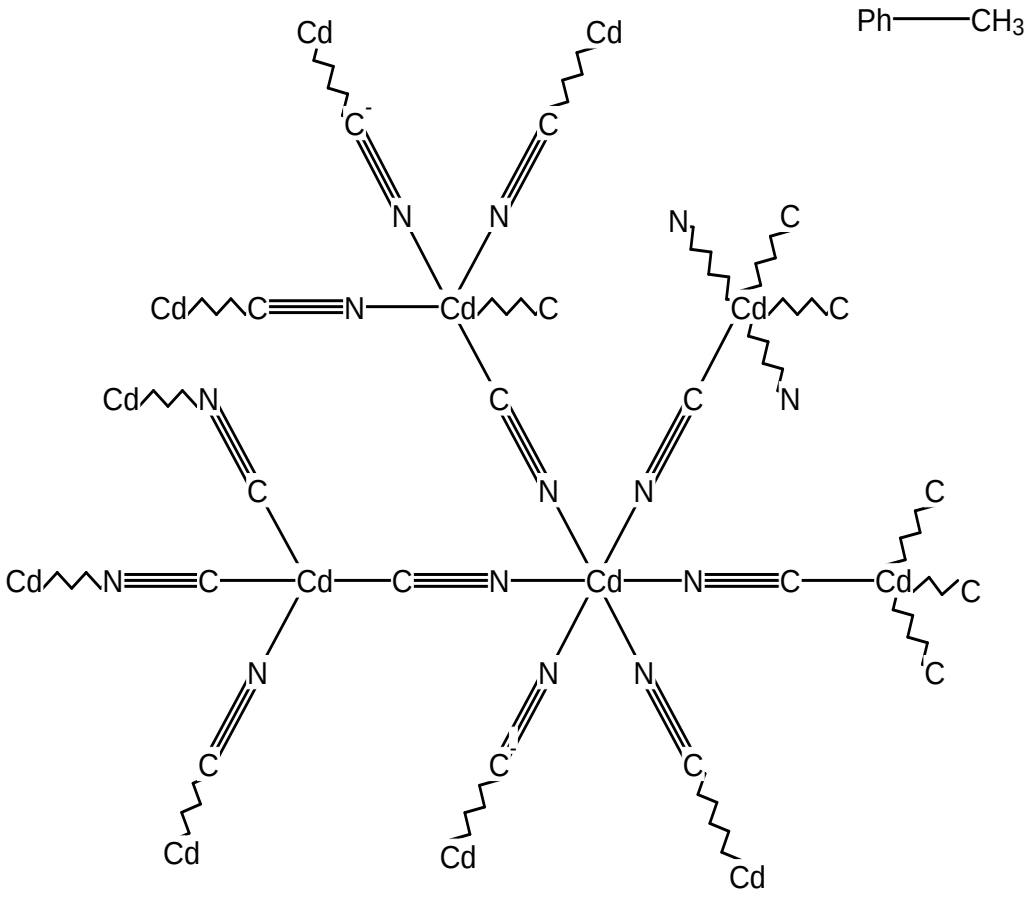
Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium dodecakis(μ_2-cyano)-penta-cadmium toluene clathrate)

Synonym: catena-(Methylviologen dodecakis(μ_2-cyano)-penta-cadmium toluene clathrate)

Space Group:	Icmm	***Cell:***	***a***	11.400(0)	***b***	23.404(1)	***c***	15.646(0)
Space Group No.:	74	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.834





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1521

MODPIE

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

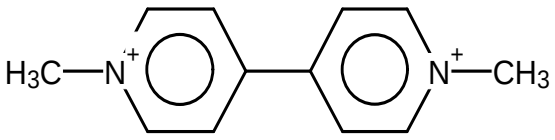
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})2n,n(C_{14}\ Cd_6\ Cl_2\ N_{14}\ ^{4-}),4n(H_2\ O_1)$

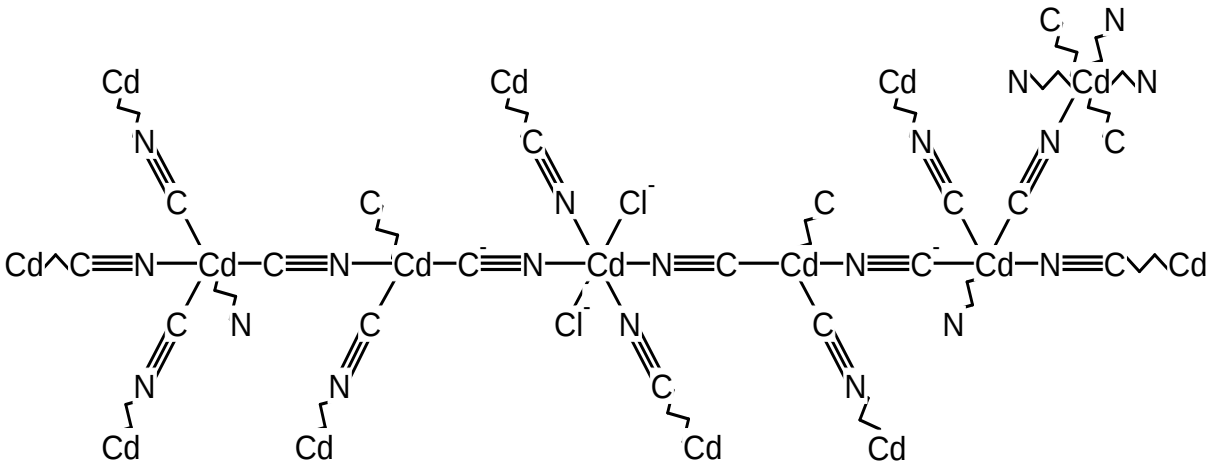
Compound Name: catena-(bis(1,1'-Dimethyl-4,4'-bipyridinium) tetradecakis(μ_2-cyano)-dichloro-hexa-cadmium tetrahydrate clathrate)

Synonym: catena-(bis(Methylviologen) tetradecakis(μ_2-cyano)-dichloro-hexa-cadmium tetrahydrate clathrate)

Space Group:	P-1	***Cell:***	***a***	8.668(2)	***b*** 24.152(13)	***c***	8.438(2)
Space Group No.:	2	***(Å,°)***	α	96.96(4)	β 116.23(2)	γ	115.54(3)

R-Factor (%): 5.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.956





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1522

MODPOK

Reference: H.Yoshikawa, S.Nishikiori, T.Watanabe, T.Ishida, G.Watanabe, M.Murakami, K.Suwinska, R.Luboradzki, J.Lipkowski (2002) *J.Chem.Soc.,Dalton Trans.* ,1907

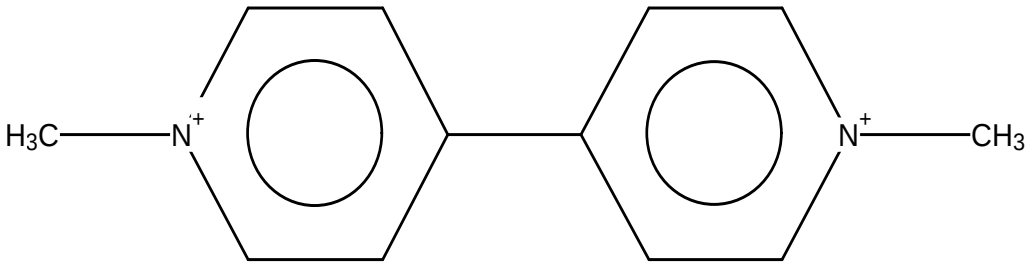
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_6\ Cd_2\ N_6\ ^{2-})$

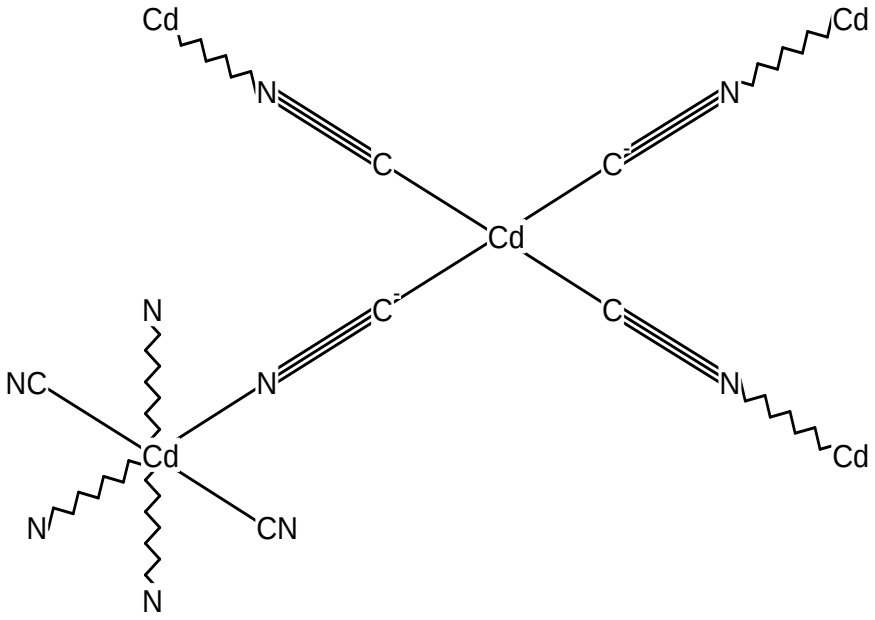
Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium tetrakis(μ_2-cyano)-dicyano-di-cadmium clathrate)

Synonym: catena-(Methylviologen tetrakis(μ_2-cyano)-dicyano-di-cadmium clathrate)

Space Group:	C2/c	***Cell:***	***a***	10.015(4)	***b***	14.675(3)	***c***	15.034(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.17(1)	γ	90.00

R-Factor (%): 3.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.708





Search: search1 (Thu May 26 10:05:42 2011): Hit 1523

MOFFAO

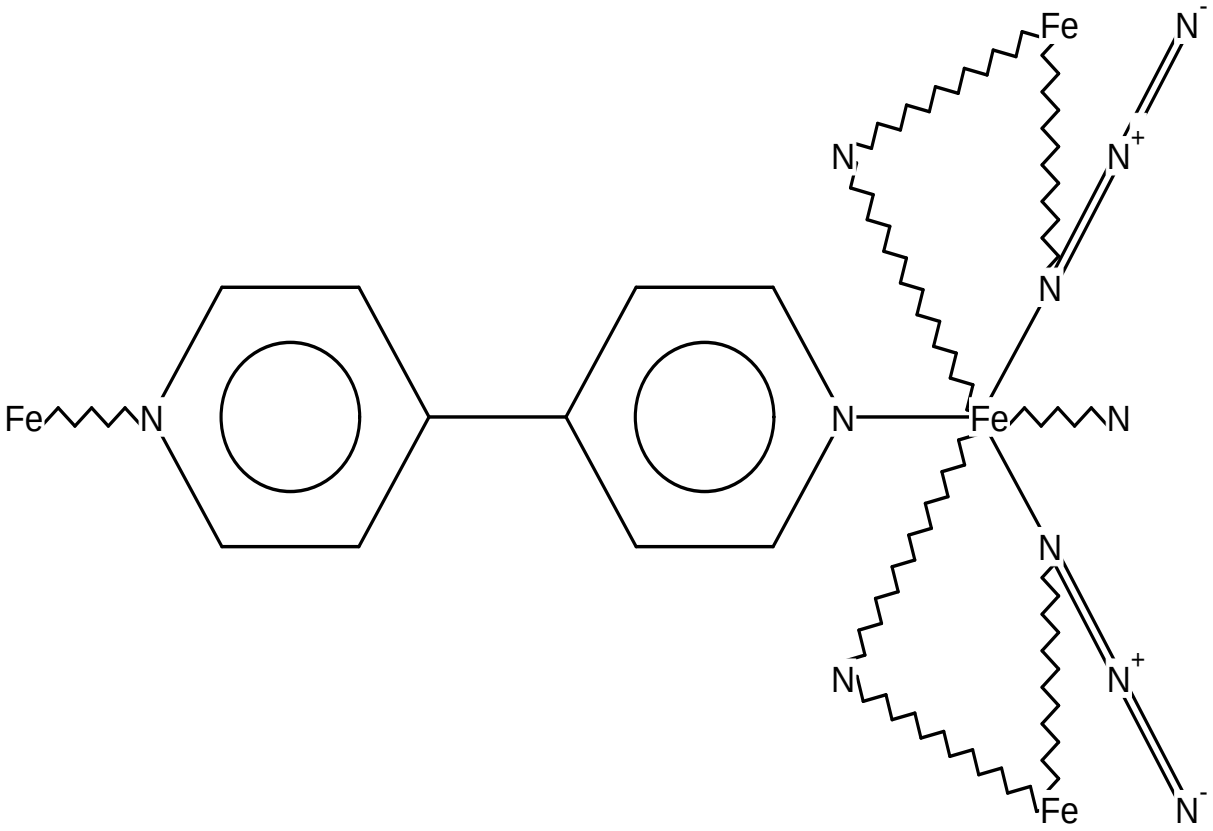
Reference: Aihua Fu, Xiaoying Huang, Jing Li, Tan Yuen, Chyan Long Lin (2002) *Chem.-Eur.J.* ,**8,**2239

Formula: $(C_{10}\ H_8\ Fe_1\ N_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-azido)-iron(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.444(2)	***b***	15.181(3)	***c*** 3.458(1)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.637



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1524

MOFFES

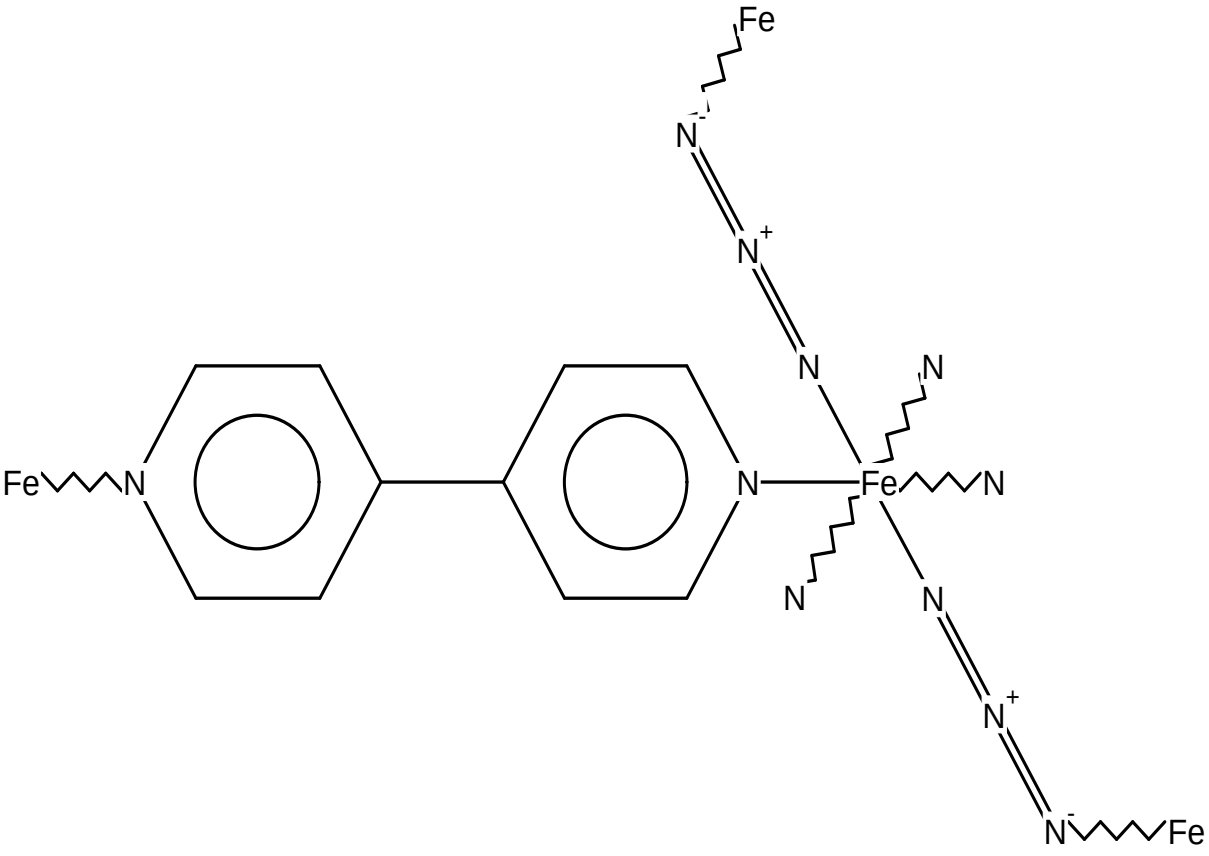
Reference: Aihua Fu, Xiaoying Huang, Jing Li, Tan Yuen, Chyan Long Lin (2002) *Chem.-Eur.J.* ,**8,**2239

Formula: $(C_{10}\ H_8\ Fe_1\ N_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-azido)-iron(ii))

Space Group:	P41212	***Cell:***	***a***	8.132(1)	***b***	8.132(1)	***c***	16.708(3)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.780



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1525

MOFFES01

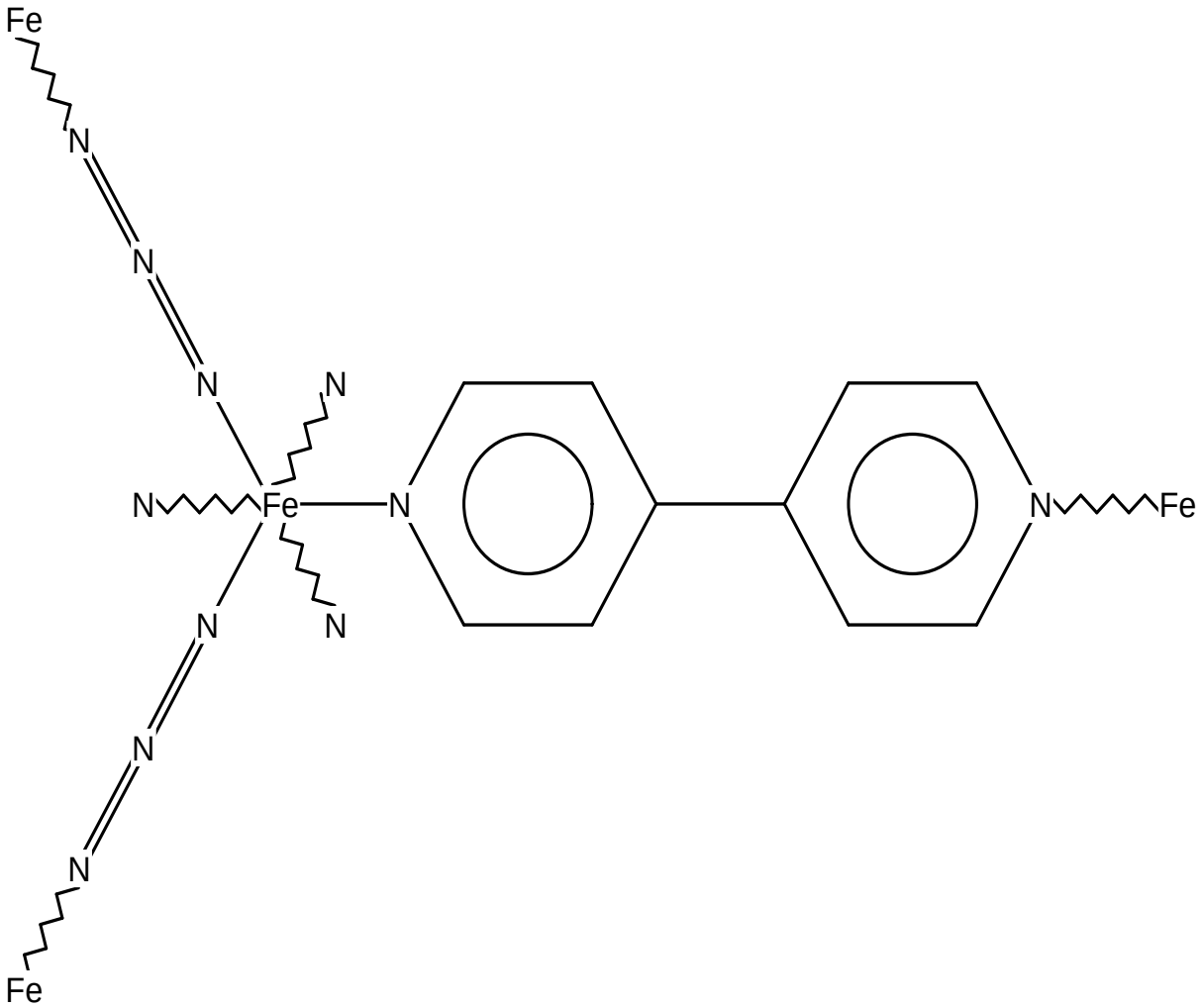
Reference: S.Konar, P.S.Mukherjee, M.G.B.Drew, T.Mallah, N.R.Chaudhuri (2004) *Private Communication ,*

Formula: $(C_{10}\ H_8\ Fe_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Azido)-(μ_2-4,4'-bipyridine)-iron)

Space Group:	P41212	***Cell:***	***a***	8.176(9)	***b***	8.176(9)	***c***	16.810(20)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.750



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1526

MOHJUP

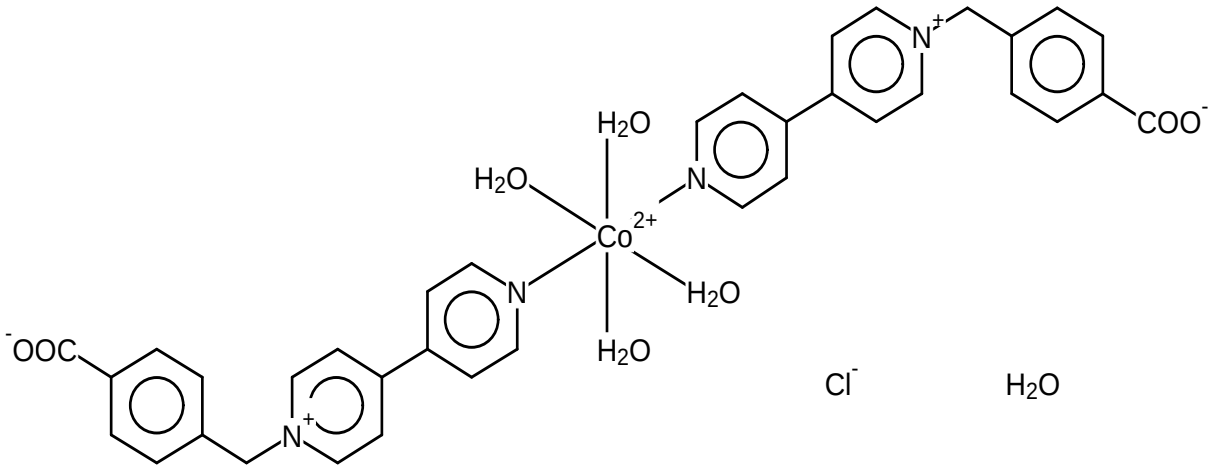
Reference: Qing-Xia Yao, Zhan-Feng Ju, Wei Li, Wei Wu, Shou-Tian Zheng, Jie Zhang (2008) *CrystEngComm ,***10,**1299

Formula: $C_{36}\ H_{36}\ Co_1\ N_4\ O_8\ ^{2+}$,2($Cl_1\ ^{1-}$),4.5($H_2\ O_1$)

Compound Name: bis(1-(4-Carboxybenzyl)-4,4'-bipyridinium)-tetraaqua-cobalt(ii) dichloride hydrate

Space Group:	C2	***Cell:***	***a***	29.612(2)	***b*** 16.895(0)	***c***	19.697(1)
Space Group No.:	5	***(Å,°)***	α	90.00	β 114.53(0)	γ	90.00

R-Factor (%): 8.85 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.280



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1527

MOJNOP

Reference: Jun-Wei Zhao, Chun-Mei Wang, Jie Zhang, Shou-Tian Zheng, Guo-Yu Yang (2008) *Chem.-Eur.J.* ,**14,**9223

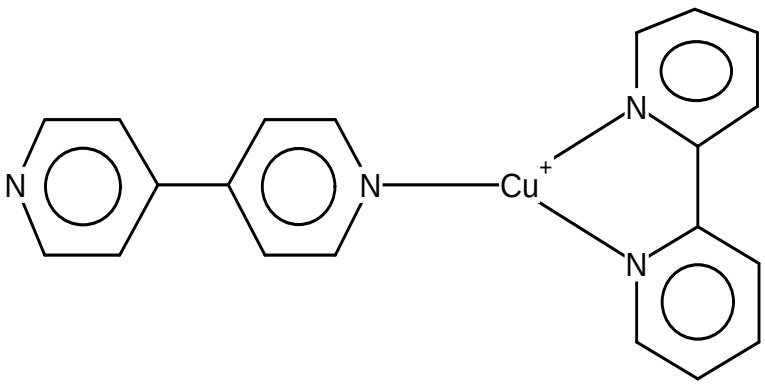
Formula: $C_{100}\ H_{80}\ Cu_{12}\ Ge_2\ N_{20}\ O_{68}\ W_{18}\ ^{2-}$,2($C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+}$),2($H_2\ O_1$)

Compound Name: bis((2,2'-bipyridyl)-(4,4'-bipyridyl)-copper(ii)) bis(μ_{12}-germanato)-dodecakis(μ_4-oxo)-triacontakis(μ_2-oxo)-tetrakis(μ_2-2,2'-bipyridyl)-hexakis(2,2'-bipyridyl)-octadecaoxo-hexa-copper(i)-hexa-copper(ii)-octadeca-tungsten dihydrate

Space Group:	P-1	***Cell:***	***a***	15.374(2)	***b*** 15.958(2)	***c***	20.163(4)
Space Group No.:	2	***(Å,°)***	α	96.99(1)	β 108.54(0)	γ	108.92(0)

R-Factor (%): 5.12 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.959

$Cu_{12}Ge_2W_{18}[\mu_4\text{-}O]_{12}[\mu_3\text{-}O]_8$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_4[\mu_2\text{-}O]_{30}$--
--$[C_{10}H_8N_2\text{-}\kappa^2N,N']_6[O]_{18}^{2-}$



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1528

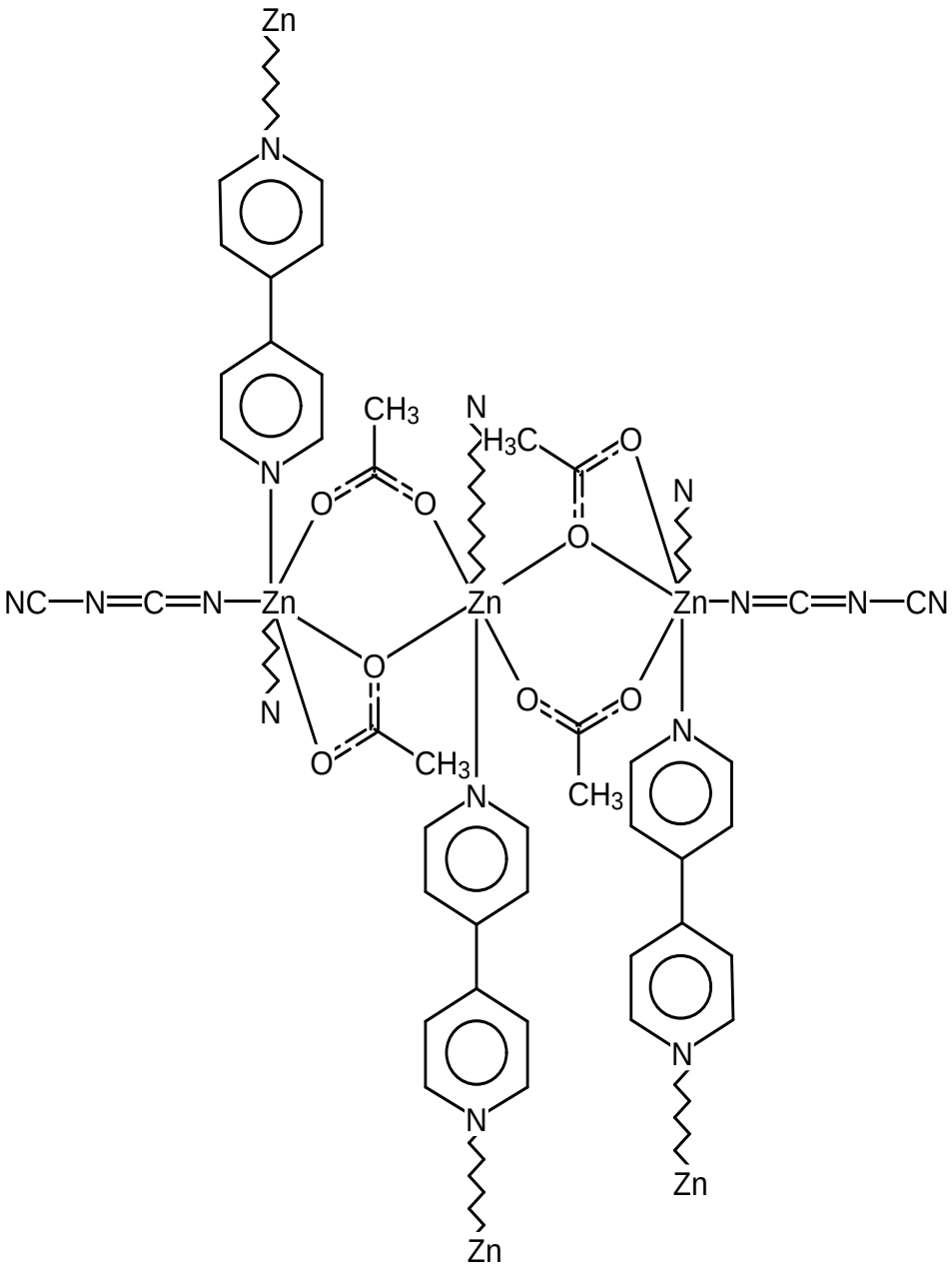
MOKBIX

Reference: Bai-Wang Sun, Song Gao, Zhe-Ming Wang (2001)
Chem.Lett. ,2

Formula: $(C_{42}\ H_{36}\ N_{12}\ O_8\ Zn_3)n$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-bis(μ_2-acetato-O,O')-tris(μ_2-4,4'-bipyridine-N,N')-bis(dicyanamide-N)-tri-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	21.603(1)	***b***	11.457(1)	***c*** 17.798(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	104.25(0)	γ 90.00
R-Factor (%):	5.06	***Temperature(K):***	295	***Density(g/cm^3):***	1.607		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1529

MOKBIX01

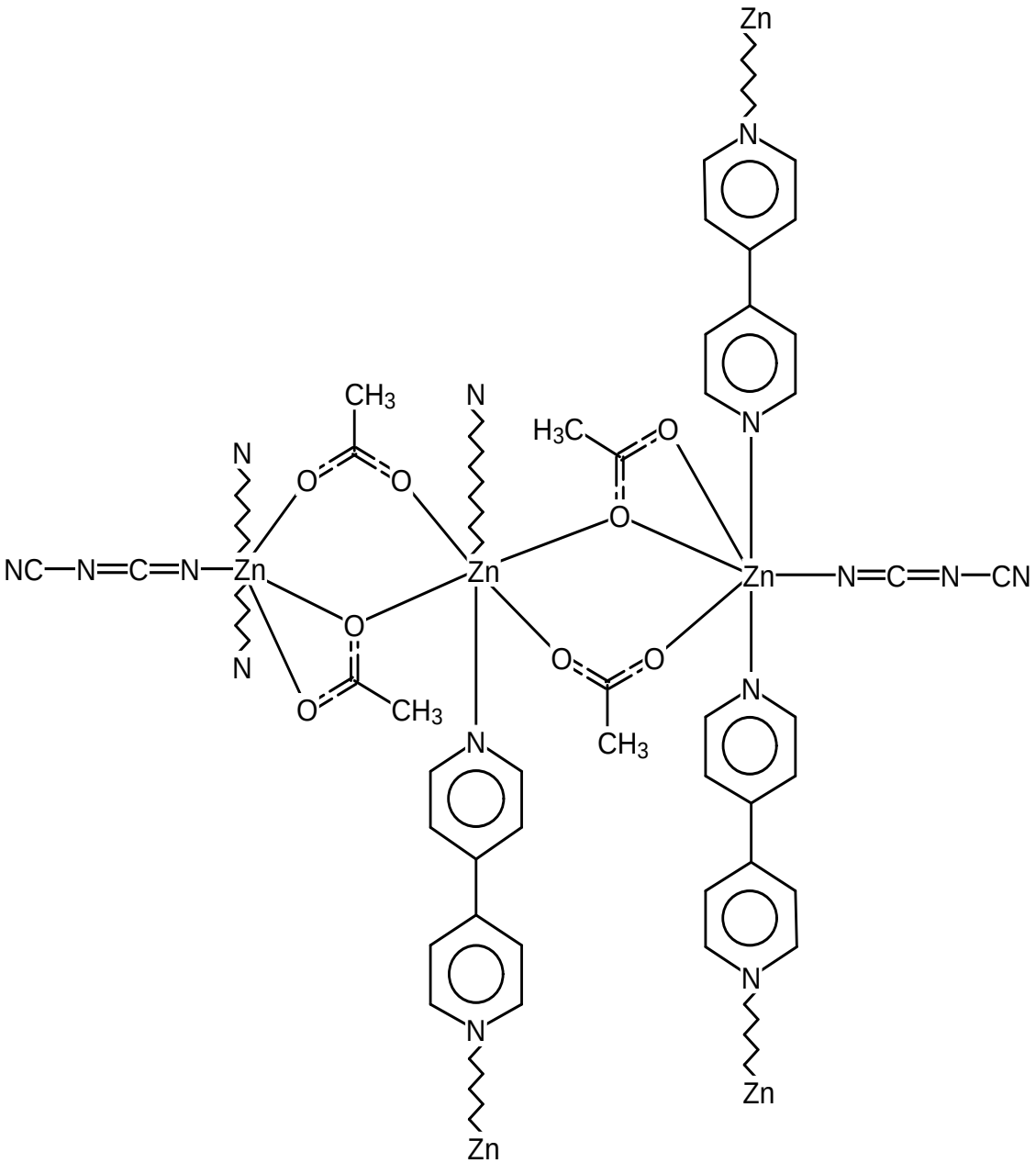
Reference: Baiwang Sun, Zhemin Wang, Song Gao (2001)
Beijing Dax.Xue.,Zir.Kex.(Chin.)(Acta Sci.Nat.Univ.Pek) ,**37,**271-2

Formula: $(C_{42}\ H_{36}\ N_{12}\ O_8\ Zn_3)n$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-bis(μ_2-acetato-O,O')-tris(μ_2-4,4'-bipyridine-N,N')-bis(dicyanamide-N)-tri-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	21.603(1)	***b*** 11.457(0)	***c***	17.798(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.25(0)	γ	90.00

R-Factor (%): 5.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1530

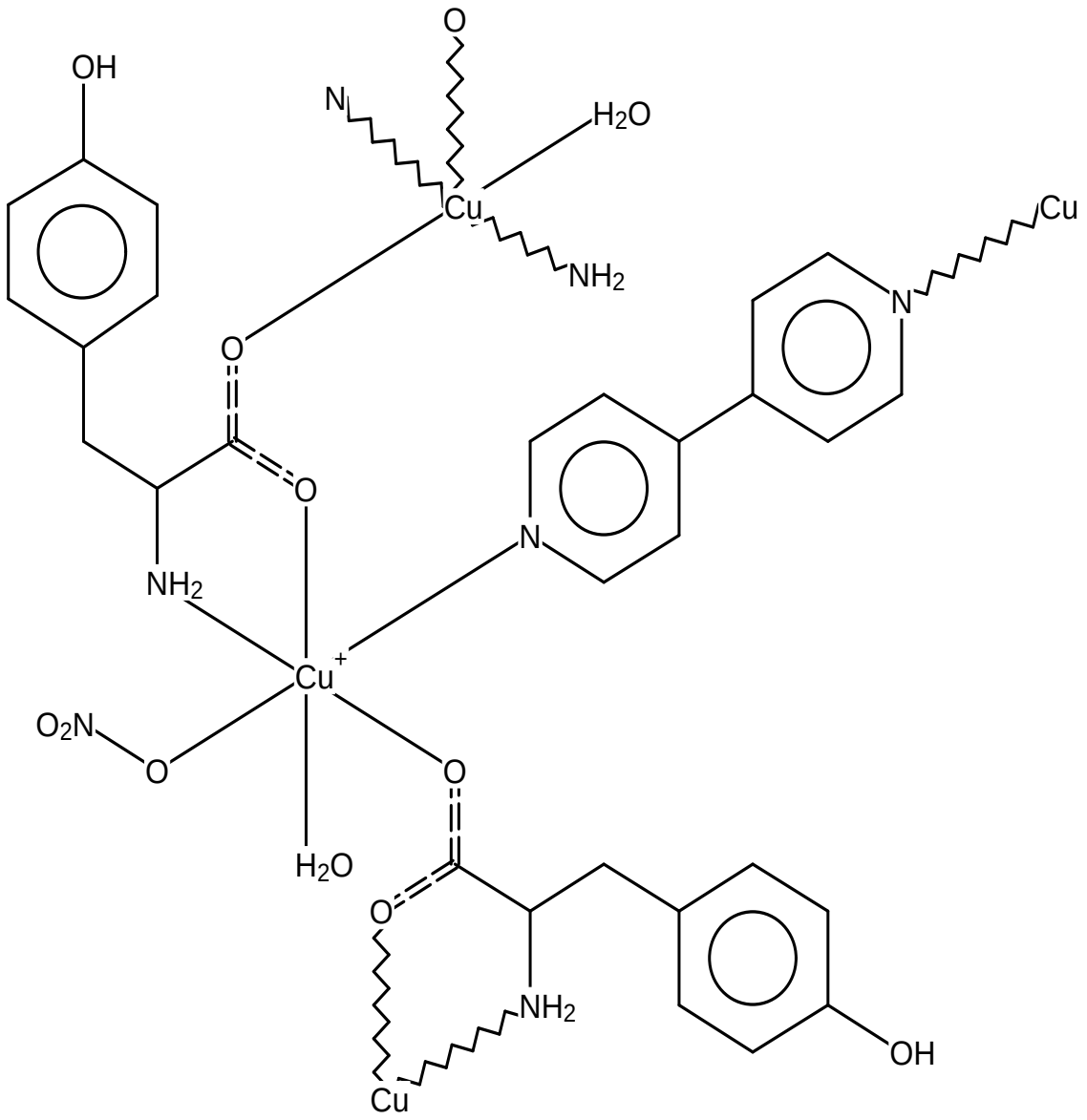
MOKZUI

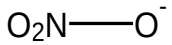
Reference: Shuo Zhang, Ning-Hai Hu (2009)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**65,**m7

Formula: $(C_{28}\ H_{32}\ Cu_2\ N_5\ O_{11}\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(bis(μ_2-L-Tyrosinato)-(μ_2-4,4'-bipyridine)-(nitrato-O)-diaqua-di-copper(ii) nitrate)

Space Group:	P21	***Cell:***	***a***	7.607(1)	***b***	22.281(4)	***c*** 9.821(1)
Space Group No.:	4	***(Å,°)***	α	90.00	β	108.15(0)	γ 90.00
R-Factor (%):	5.22	***Temperature(K):***	293		***Density(g/cm^3):***		1.687





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1531

MOLLOO

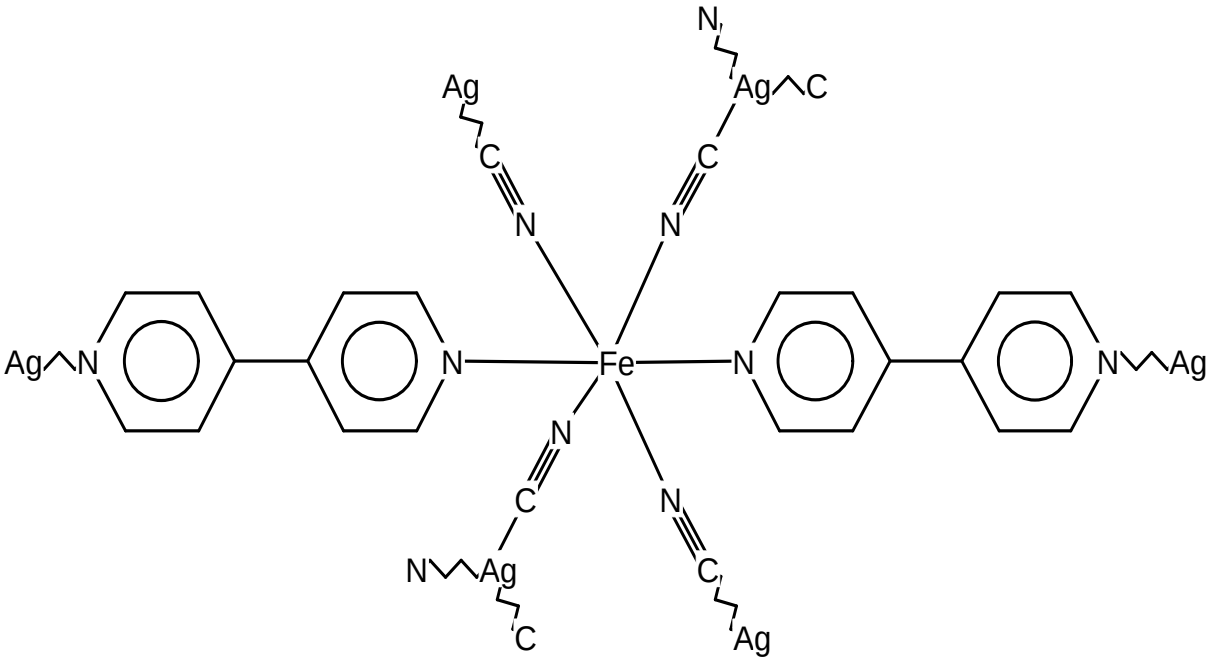
Reference: V.Niel, M.C.Munoz, A.B.Gaspar, A.Galet, G.Levchenko, J.A.Real (2002) *Chem.-Eur.J.* ,**8,**2446

Formula: $(C_{24}\ H_{16}\ Ag_2\ Fe_1\ N_8)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-cyano)-iron(ii)-di-silver(i))

Space Group:	P21/n	***Cell:***	***a***	8.656(2)	***b*** 11.625(3)	***c***	12.769(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.61(2)	γ	90.00

R-Factor (%): 2.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.830



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1532

MONTAL

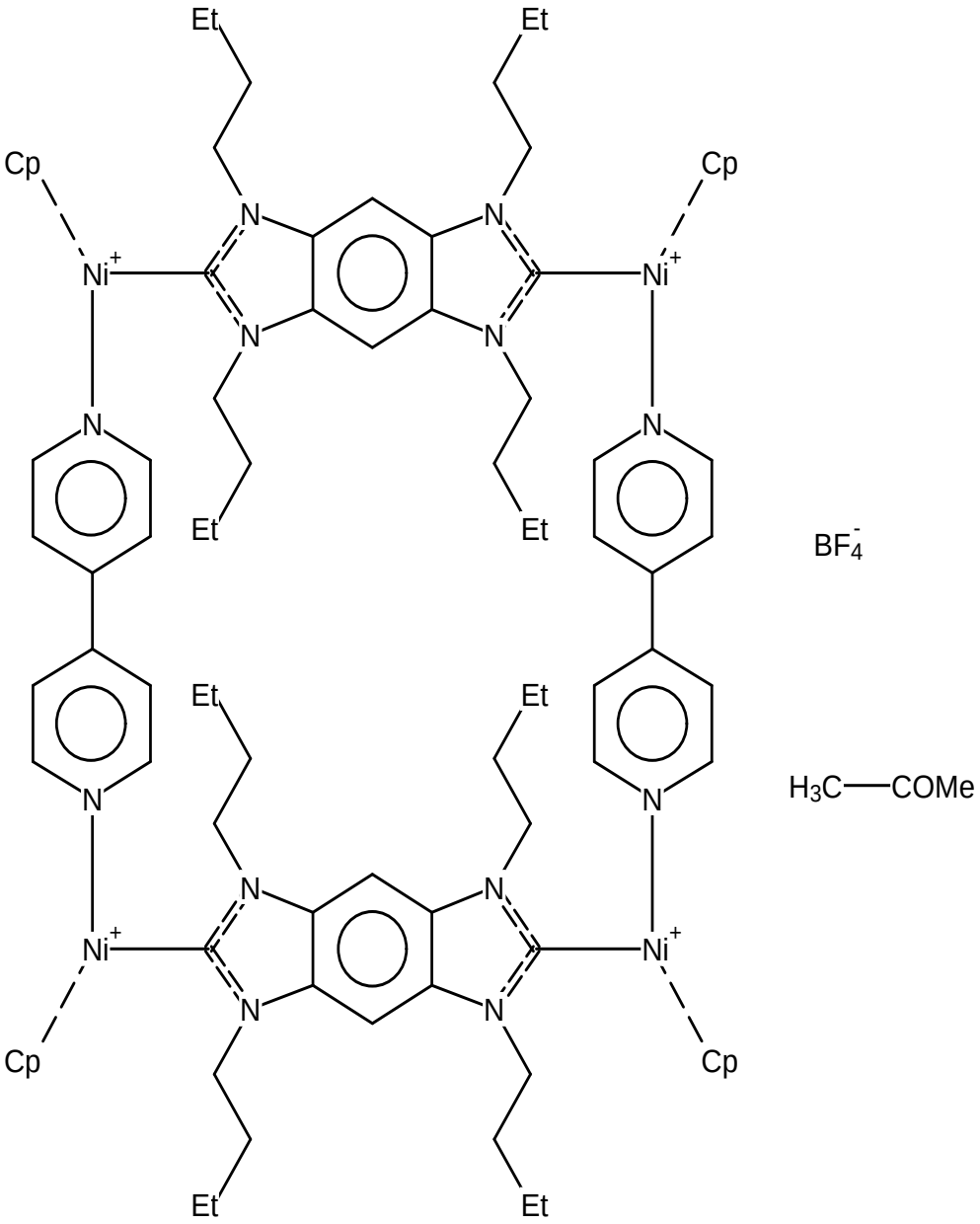
Reference: F.E.Hahn, C.Radloff, T.Pape, A.Hepp (2008)
Organometallics ,**27,**6408

Formula: $C_{88}\,H_{112}\,N_{12}\,Ni_4\,^{4+}$,4($B_1\,F_4\,^{1-}$),2($C_3\,H_6\,O_1$)

Compound Name: bis(μ_2-1,3,5,7-Tetra-n-butylbenzo(1,2-d:4,5-d')diimidazole-2,6-diylidene)-bis(μ_2-4,4'-bipyridine)-tetrakis(η^5-cyclopentadienyl)-tetra-nickel(ii) tetrakis(tetrafluoroborate) acetone solvate

Space Group:	P21/n	***Cell:***	***a***	16.368(2)	***b***	16.892(2)	***c*** 18.687(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.09(0)	γ 90.00

R-Factor (%): 9.59 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.329



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1533

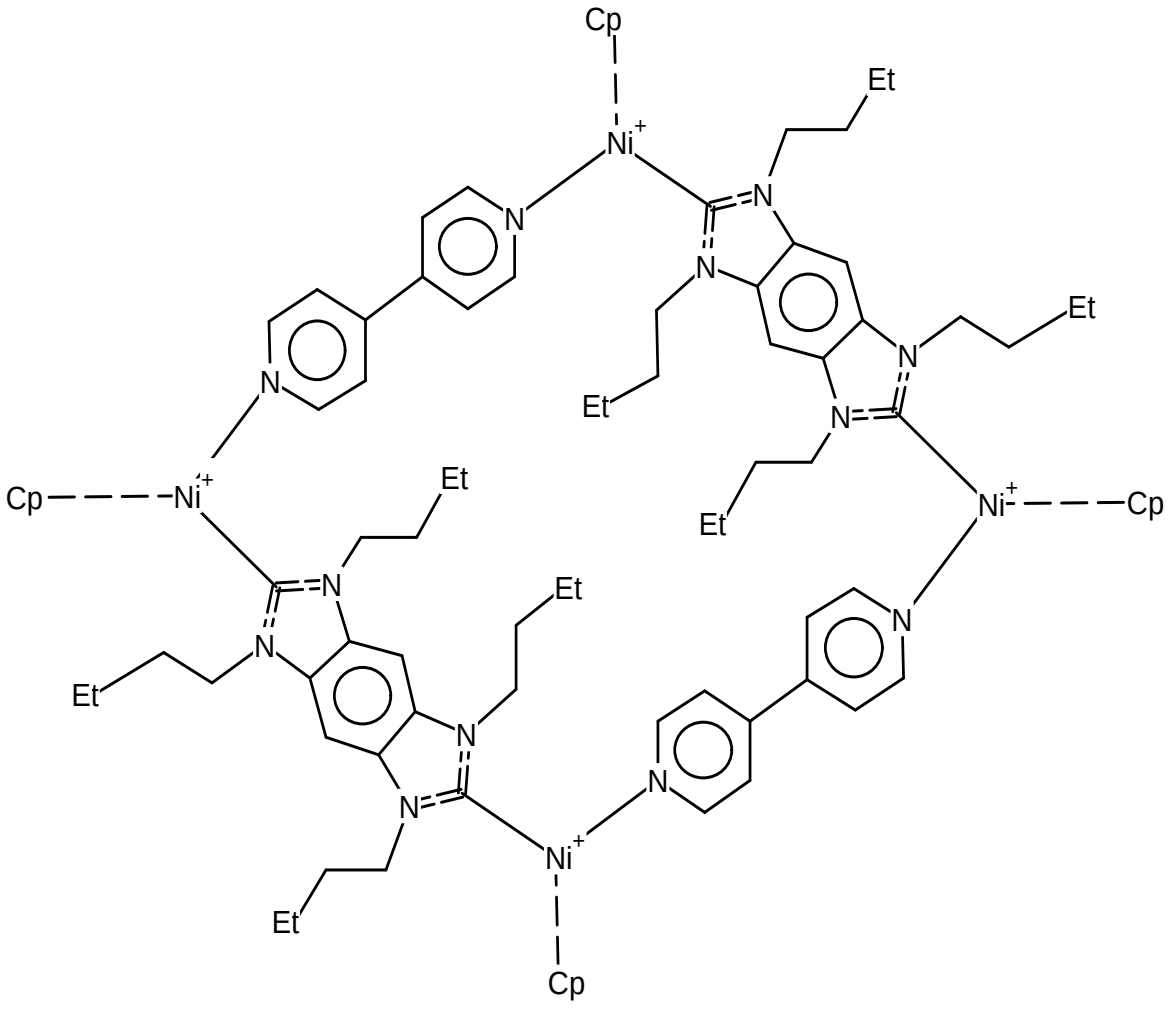
MONTAL01

Reference: C.Radloff, F.E.Hahn, T.Pape, R.Frohlich (2009)
Dalton Trans. ,7215

Formula: $C_{88}\ H_{112}\ N_{12}\ Ni_4\ ^{4+}$,4($B_1\ F_4\ ^{1-}$),2($C_3\ H_6\ O_1$)

Compound Name: bis(μ_2-1,3,5,7-Tetrabutylimidazo[4,5-f]benzimidazol-2,6-diylidene)-bis(μ_2-4,4'-bipyridyl)-tetrakis(η^5-cyclopentadienyl)-tetra-nickel(ii) tetrakis(tetrafluoroborate) acetone solvate

Space Group:	P21/n	***Cell:***	***a*** 16.368(2)	***b*** 16.892(2)	***c*** 18.687(3)
Space Group No.:	14	***(Å,°)***	α 90.00	β 100.09(0)	γ 90.00
R-Factor (%):	9.59	***Temperature(K):***	153	***Density(g/cm^3):***	1.329



H_3C—COMe

BF_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1534

MONTOZ

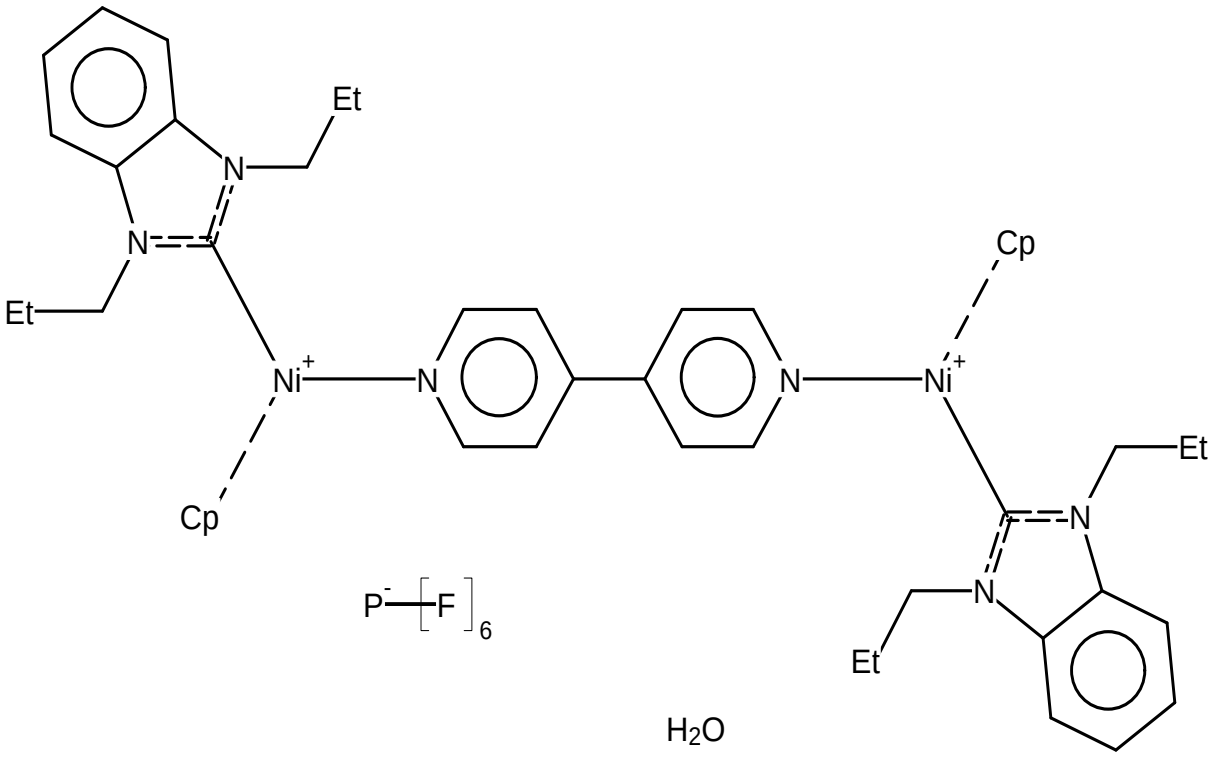
Reference: F.E.Hahn, C.Radloff, T.Pape, A.Hepp (2008)
Organometallics ,**27,**6408

Formula: $C_{46}\ H_{54}\ N_6\ Ni_2\ ^{2+},2(F_6\ P_1\ ^{1-}),H_2\ O_1$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(η^5-cyclopentadienyl)-bis(1,3-di-n-propylbenzimidazolin-2-ylidene)-di-nickel(ii) bis(hexafluorophosphate) monohydrate

Space Group:	P21/n	***Cell:***	***a***	18.765(5)	***b*** 10.511(3)	***c***	25.588(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.42(0)	γ	90.00

R-Factor (%): 7.14 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.517



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1535

MOPBAU

Reference: Ling-I Hung, Sue-Lein Wang, Hsien-Ming Kao, Kwang-Hwa Lii (2002) *Inorg.Chem.* ,**41,**3929

Formula: $(C_{20}\ H_{18}\ N_4\ O_{18}\ P_3\ V_4\ ^{1-})n,n(H_4\ N_1\ ^{1+}),0.5n(H_2\ O_1)$

Compound Name: catena-(Ammonium bis(μ_4-phosphato)-bis(μ_2-4,4'-bipyridyl)-(μ_2-dihydrogen phosphato)-bis(μ_2-oxo)-tetra-oxo-tetra-vanadium(iv,v) hemihydrate)

Space Group:	C2/c	***Cell:***	***a***	12.635(0)	***b***	9.979(0)	***c***	23.369(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.71(0)	γ	90.00
R-Factor (%):	3.89	***Temperature(K):***	294		***Density(g/cm^3):***	2.090		

$n\text{-}V_4[\mu_4\text{-}O_4P\text{-}\kappa^4O,O',O'',O''']_2$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_2$--
--$[\mu_2\text{-}H_2O_4P\text{-}\kappa^2O,O'][\mu_2\text{-}O]_2[O]_4^-$

NH_4^+ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1536

MOQDEC

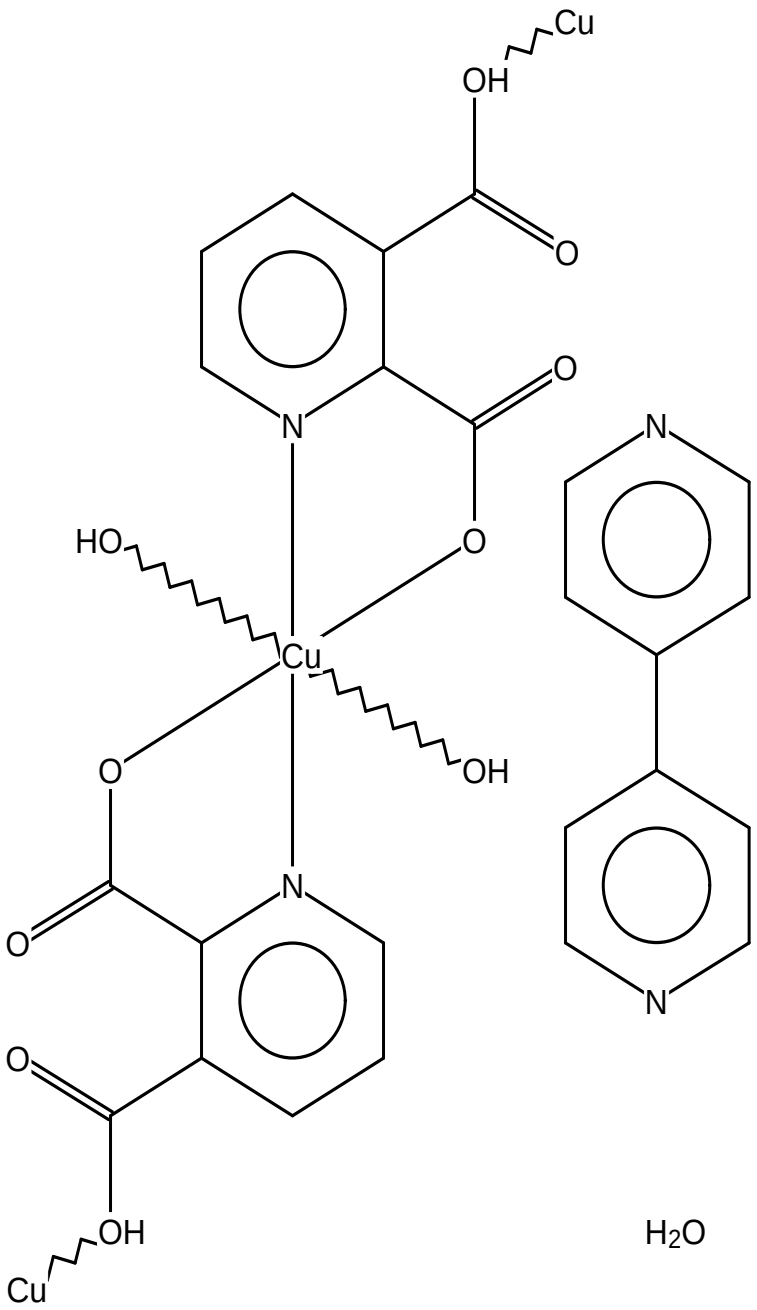
Reference: Hua Yin, Shi-Xiong Liu (2009) *J.Mol.Struct.* ,**918,**165

Formula: $(C_{14}\ H_8\ Cu_1\ N_2\ O_8)n,2n(C_{10}\ H_8\ N_2),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-3-Carboxypyridine-2-carboxylato)-copper(ii) 2,2'-bipyridine hexahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.442(6)	***b***	6.604(3)	***c*** 23.618(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	104.38(1)	γ 90.00

R-Factor (%): 4.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.568



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1537

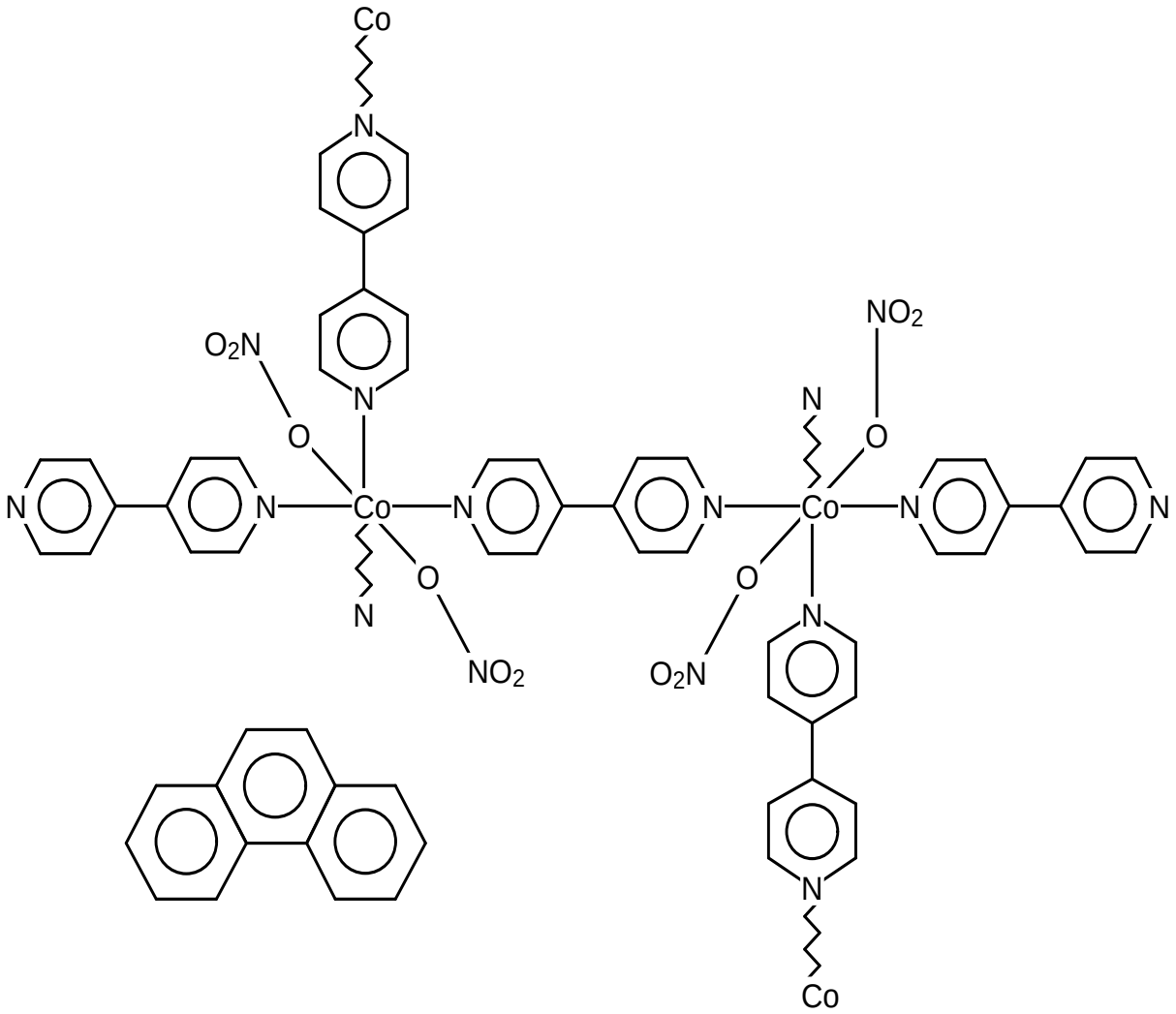
MOQFAZ

Reference: K.V.Domasevitch, G.D.Enright, B.Moulton, M.J.Zaworotko (2000) *J.Solid State Chem.* ,**152,**280

Formula: $(C_{50}\ H_{40}\ Co_2\ N_{14}\ O_{12})n,4n(C_{14}\ H_{10})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N')-bis(4,4'-bipyridine-N)-tetrakis(nitrato-O)-di-cobalt tetrakis(phenanthrene) clathrate)

Space Group:	P-1	***Cell:***	***a***	9.489(0)	***b***	10.366(0)	***c***	23.972(1)
Space Group No.:	2	***(Å,°)***	α	81.03(0)	β	82.05(0)	γ	70.16(0)
R-Factor (%):	8.29	***Temperature(K):***	173		***Density(g/cm^3):***		1.415	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1538

MORFIJ

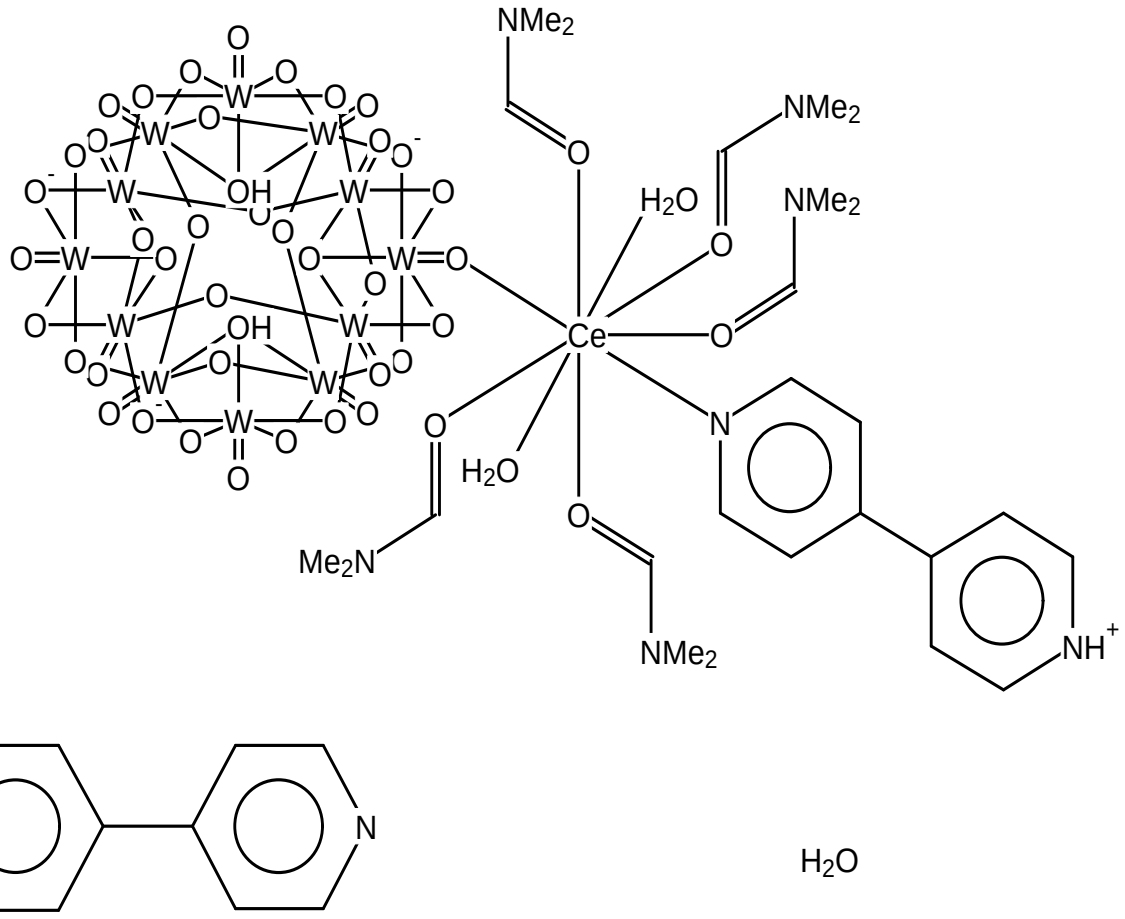
Reference: Hongli Chen, Yan Ding, Xinxin Xu, Enbo Wang, Weilin Chen, Song Chang, Xinlong Wang (2009) *J.Coord.Chem.* ,**62,** 347

Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),C_{25}\ H_{50}\ Ce_1\ N_7\ O_{47}\ W_{12}\ ^{2-},0.5(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridinium) (dihydrogen tetrakis(μ_3-oxo)-pentacosakis(μ_2-oxo)-pentakis(dimethylformamide-O)-(4-(4'-pyridinio)pyridine)-diaqua-undecaoxo-cerium(iii)-dodeca-tungsten) hemihydrate

Space Group:	P21/n	***Cell:***	***a***	18.384(4)	***b*** 20.825(4)	***c***	21.592(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.90(3)	γ	90.00

R-Factor (%): 6.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.167



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1539

MOVSEW

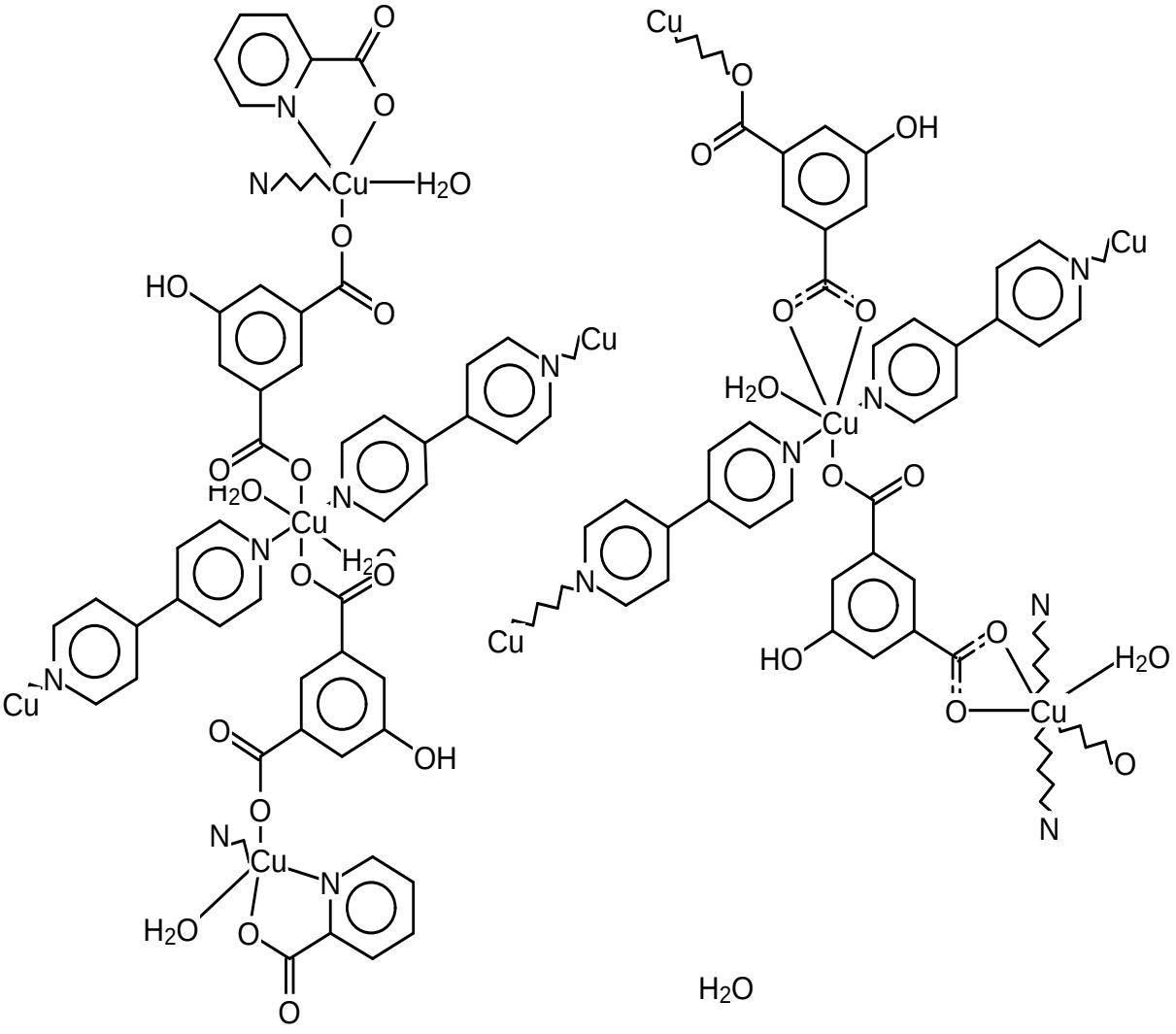
Reference: Xin-Yi Cao, Qi-Pu Lin, Ye-Yan Qin, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Yuan-Gen Yao (2009) *Cryst.Growth Des.* ,**9,**20

Formula: $(C_{36}\ H_{28}\ Cu_2\ N_4\ O_{12})n,n(C_{48}\ H_{40}\ Cu_3\ N_6\ O_{18}),6.5n(H_2\ O_1)$

Compound Name: catena-((bis(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-5-hydroxyisophthalato-O,O',O'')-diaqua-di-copper(ii)) (bis(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-5-hydroxyisophthalato-O,O')-tetra-aqua-bis(2-pyridinecarboxylato-N,O)-tri-copper(ii)) hydrate)

Space Group:	P21/c	***Cell:***	***a***	11.105(3)	***b***	19.337(5)	***c***	20.513(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.63(0)	γ	90.00

R-Factor (%): 8.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.613



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1540

MOVSIA

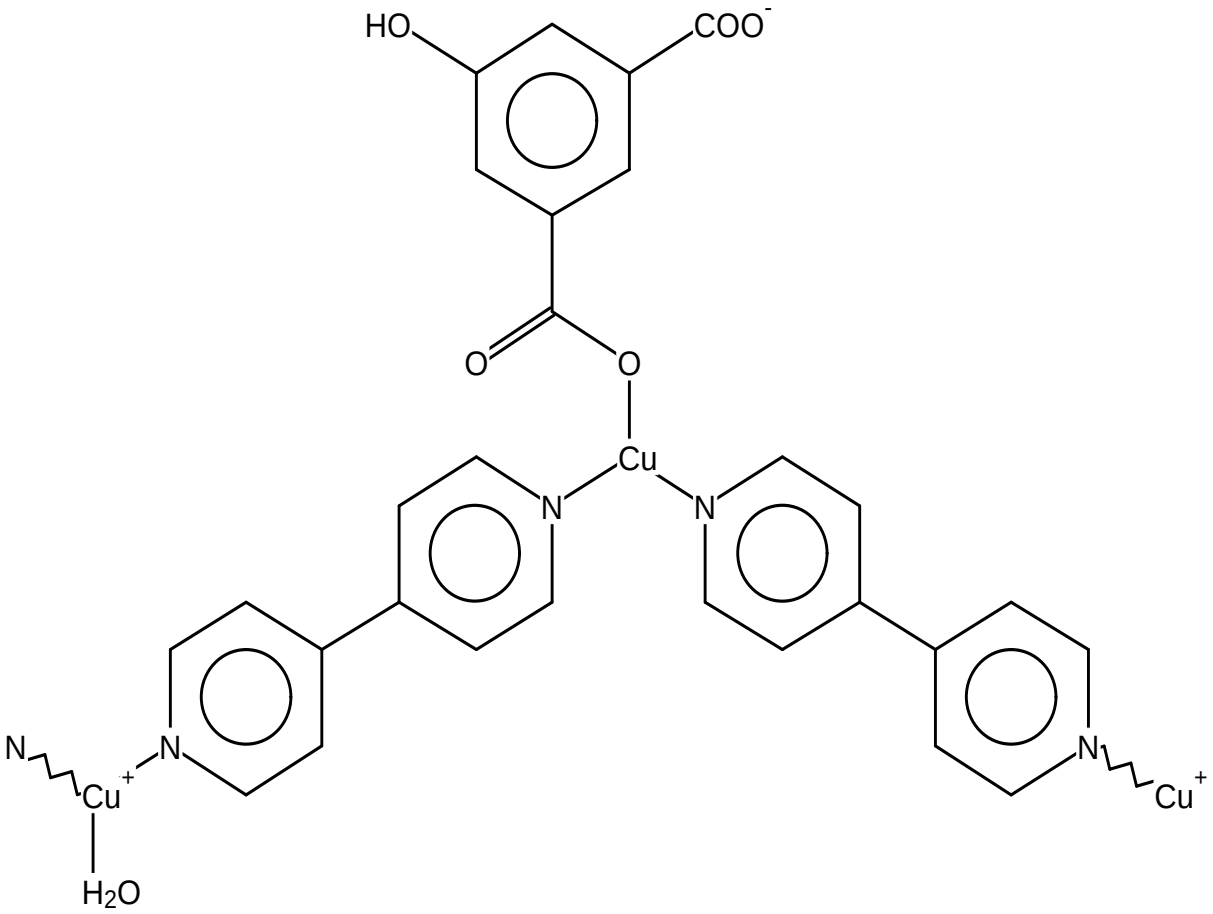
Reference: Xin-Yi Cao, Qi-Pu Lin, Ye-Yan Qin, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Yuan-Gen Yao (2009) *Cryst.Growth Des.* ,**9,**20

Formula: $(C_{28}\ H_{22}\ Cu_2\ N_4\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-aqua-(5-hydroxyisophthalato-O)-copper(i) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	10.482(0)	***b*** 16.767(0)	***c***	16.053(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.58(0)	γ	90.00

R-Factor (%): 4.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.655



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1541

MOWPAQ

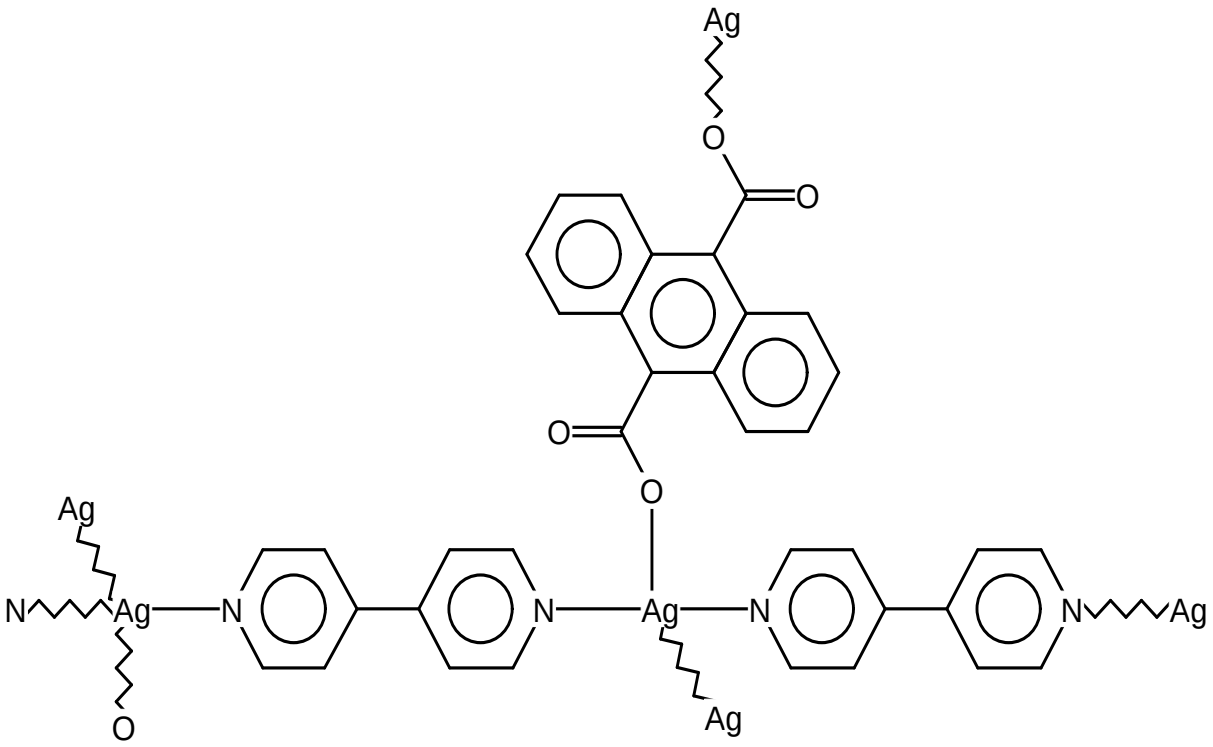
Reference: Chun-Sen Liu, Jun-Jie Wang, Ze Chang, Li-Fen Yan, Tong-Liang Hu (2009) *Z.Anorg.Allg.Chem.* ,**635,**523

Formula: $(C_{36}\ H_{24}\ Ag_2\ N_4\ O_4)n$

Compound Name: catena-[(μ_2-Anthracene-9,10-dicarboxylato-O,O')-bis(μ_2-4,4'-bipyridine-N,N')-di-silver(i)]

Space Group:	C2/c	***Cell:***	***a***	17.832(1)	***b***	11.422(1)	***c*** 14.646(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.11(0)	γ 90.00

R-Factor (%): 3.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.767



Search: search1 (Thu May 26 10:05:42 2011): Hit 1542

MOWQOF

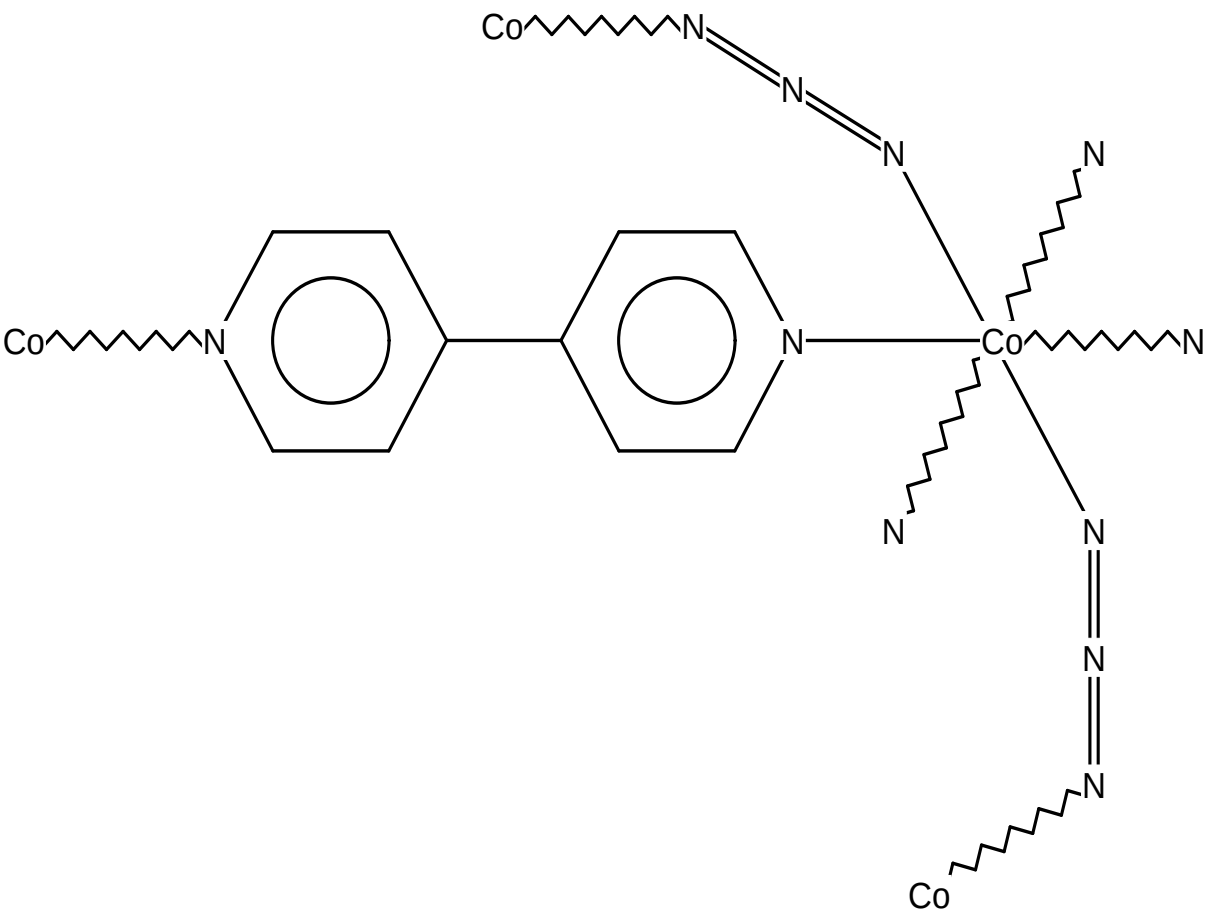
Reference: Shengli Liang, Zhiliang Liu, Caiming Liu, Xiaowei Di, Jun Zhang, Deqing Zhang (2009) *Z.Anorg.Allg.Chem.* ,**635,**549

Formula: $(C_{10}\ H_8\ Co_1\ N_8)n$

Compound Name: catena-[bis(μ_2-Azido-N^1,N^3)-(μ_2-4,4'-bipyridine-N,N')-cobalt(ii)]

Space Group:	P43212	***Cell:***	***a***	8.052(4)	***b***	8.052(4)	***c***	16.510(12)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.856



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1543

MOWXOL

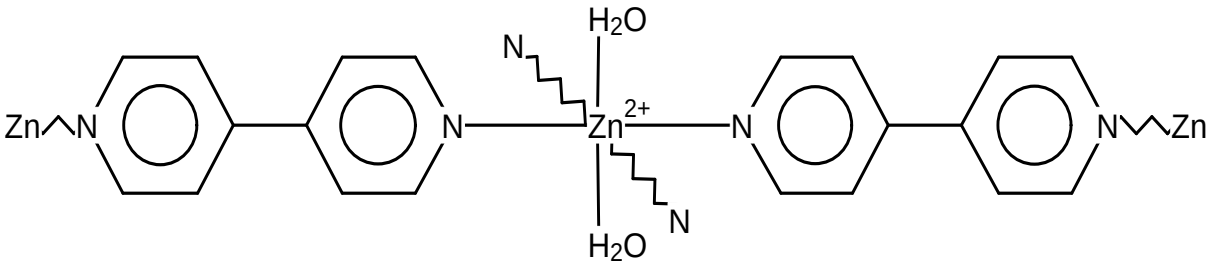
Reference: Fu-Pei Liang, Zi-Lu Chen, Rui-Xiang Hu, Hong Liang, Kai-Bei Yu, Zhao-Hui Zhou (2001)
Huaxue Xuebao(Chin.)(Acta Chim.Sinica) ,**59,**405

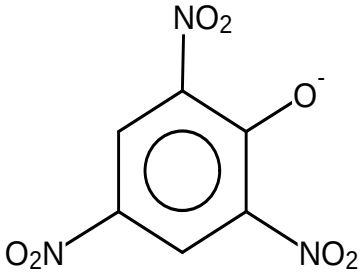
Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-}),n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

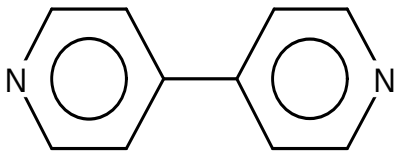
Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-diaqua-zinc bis(picrate) 4,4'-bipyridine monohydrate clathrate]

Space Group:	Cc	***Cell:***	***a***	22.716(2)	***b***	16.191(3)	***c*** 16.166(2)
Space Group No.:	9	***(Å,°)***	α	90.00	β	131.09(0)	γ 90.00

R-Factor (%): 4.88 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.548







H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1544

MOWXOL01

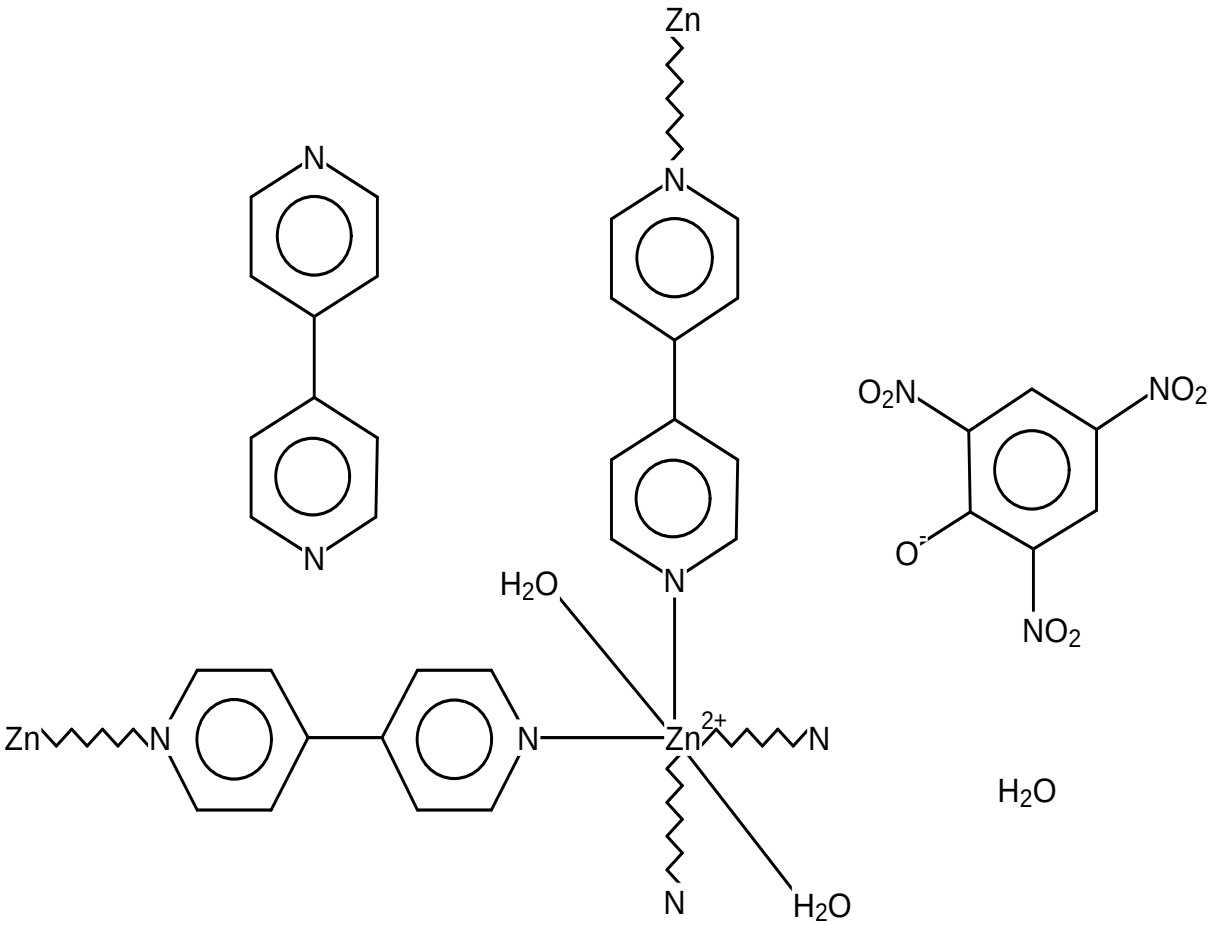
Reference: Fu Pei Liang, Zi Lu Chen, Rui Xiang Hu, Hong Liang, Zhao Hui Zhou (2000) *Chin.Chem.Lett. ,***11,**369

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-}),n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-zinc(ii) dipicrate 4,4'-bipyridine monohydrate clathrate)

Space Group:	Cc	***Cell:***	***a***	22.716(2)	***b*** 16.191(3)	***c***	16.166(2)
Space Group No.:	9	***(Å,°)***	α	90.00	β 131.09(0)	γ	90.00

R-Factor (%): 4.88 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.548



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1545

MOWXUR

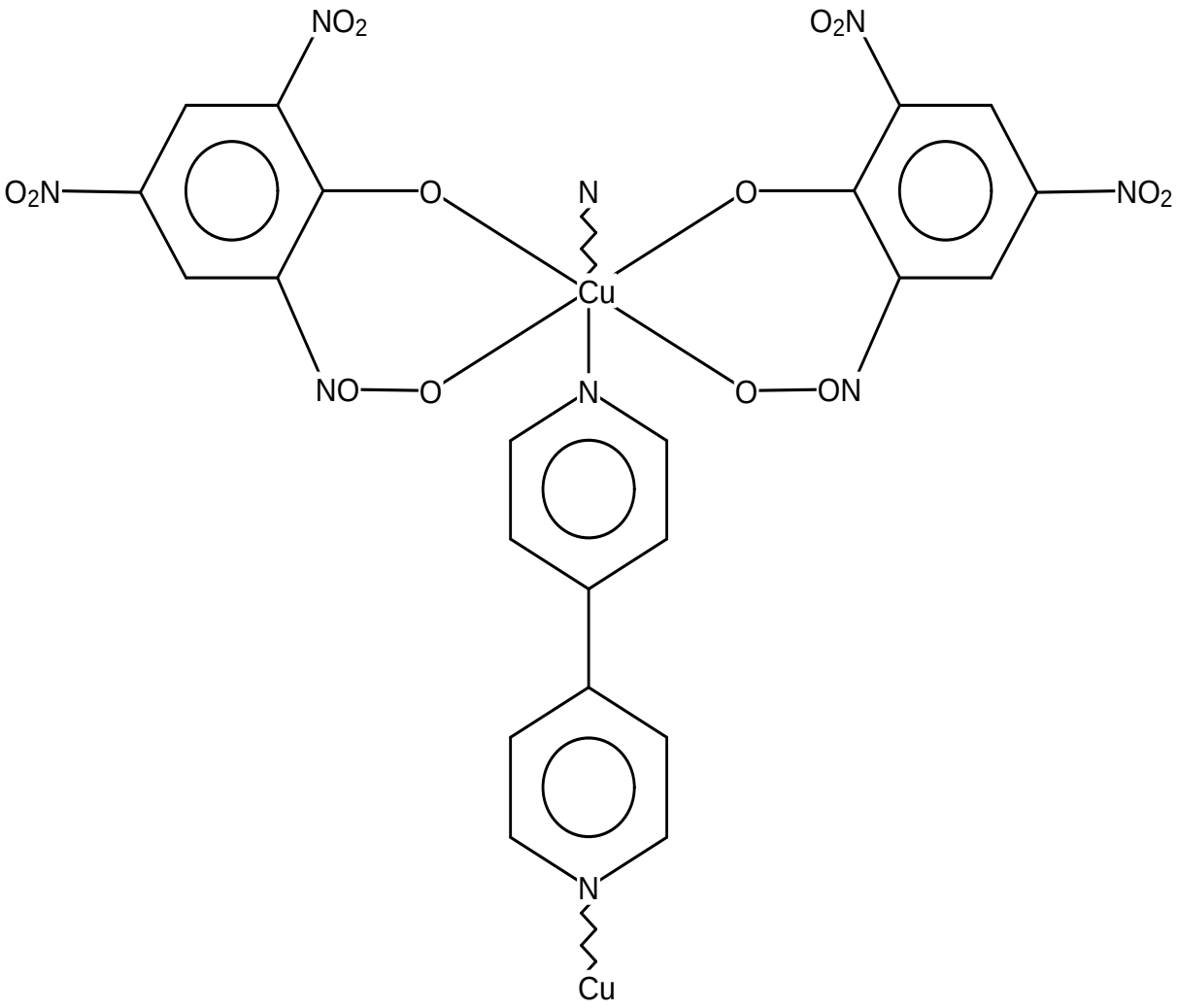
Reference: Fu-Pei Liang, Zi-Lu Chen, Rui-Xiang Hu, Hong Liang, Kai-Bei Yu, Zhao-Hui Zhou (2001)
Huaxue Xuebao(Chin.)(Acta Chim.Sinica) ,**59,**405

Formula: $(C_{22}\ H_{12}\ Cu_1\ N_8\ O_{14})n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(picrate-O,O')-copper]

Space Group:	P-1	***Cell:***	***a***	6.100(2)	***b*** 10.186(3)	***c***	11.046(2)
Space Group No.:	2	***(Å,°)***	α	107.23(1)	β 101.99(2)	γ	97.87(2)

R-Factor (%): 2.80 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.791



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1546

MOYGIR

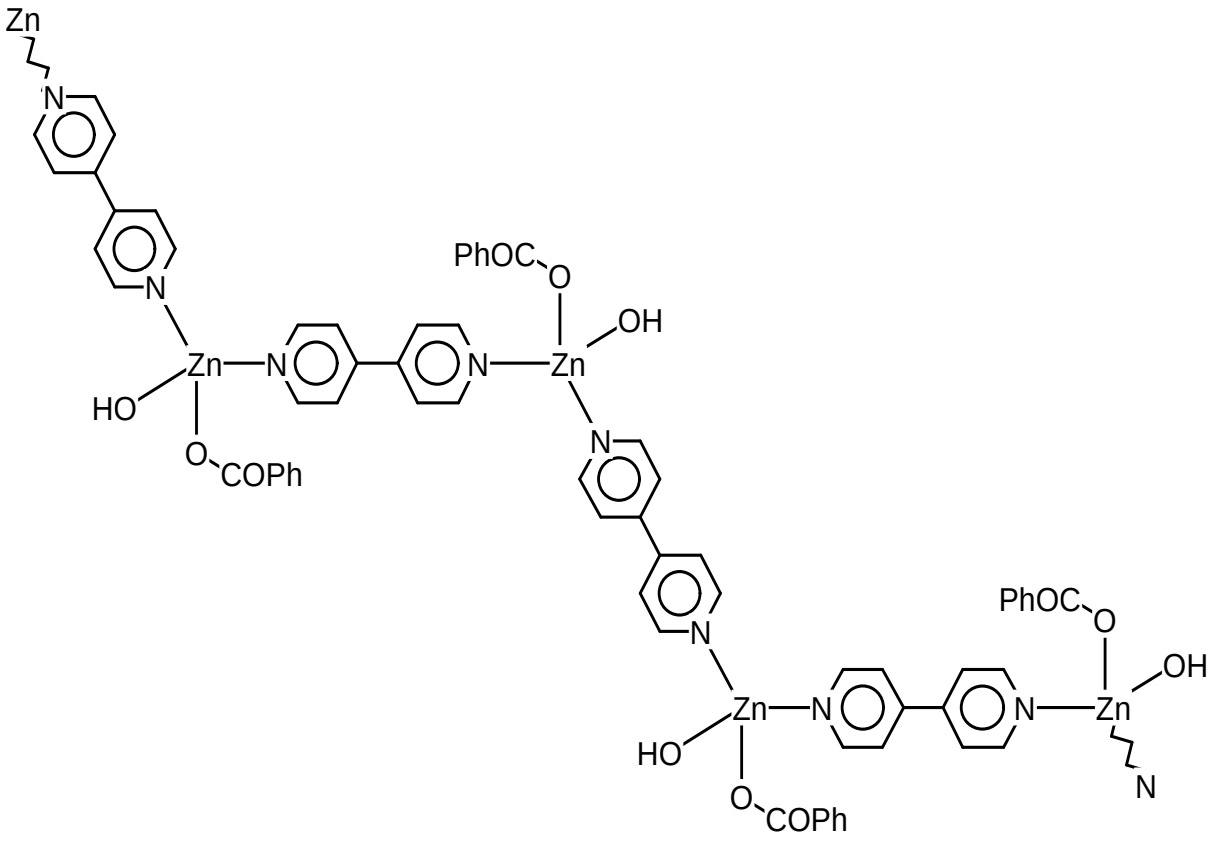
Reference: Young Joo Song, Han Kwak, Young Min Lee, Soo Hyun Kim, Sun Hwa Lee, Byeong Kwon Park, Je Yeol Jun, Seung Man Yu, Cheal Kim, Sung-Jin Kim, Youngmee Kim (2009) *Polyhedron ,***28,**1241

Formula: $(C_{68}\ H_{56}\ N_8\ O_{12}\ Zn_4)n$

Compound Name: catena-[tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(benzoato-O)-tetrahydroxy-tetra-zinc(ii)]

Space Group:	P21/c	***Cell:***	***a***	7.516(1)	***b***	22.813(4)	***c***	24.820(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.73(0)	γ	90.00

R-Factor (%): 7.05 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.128



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1547

MOYGOX

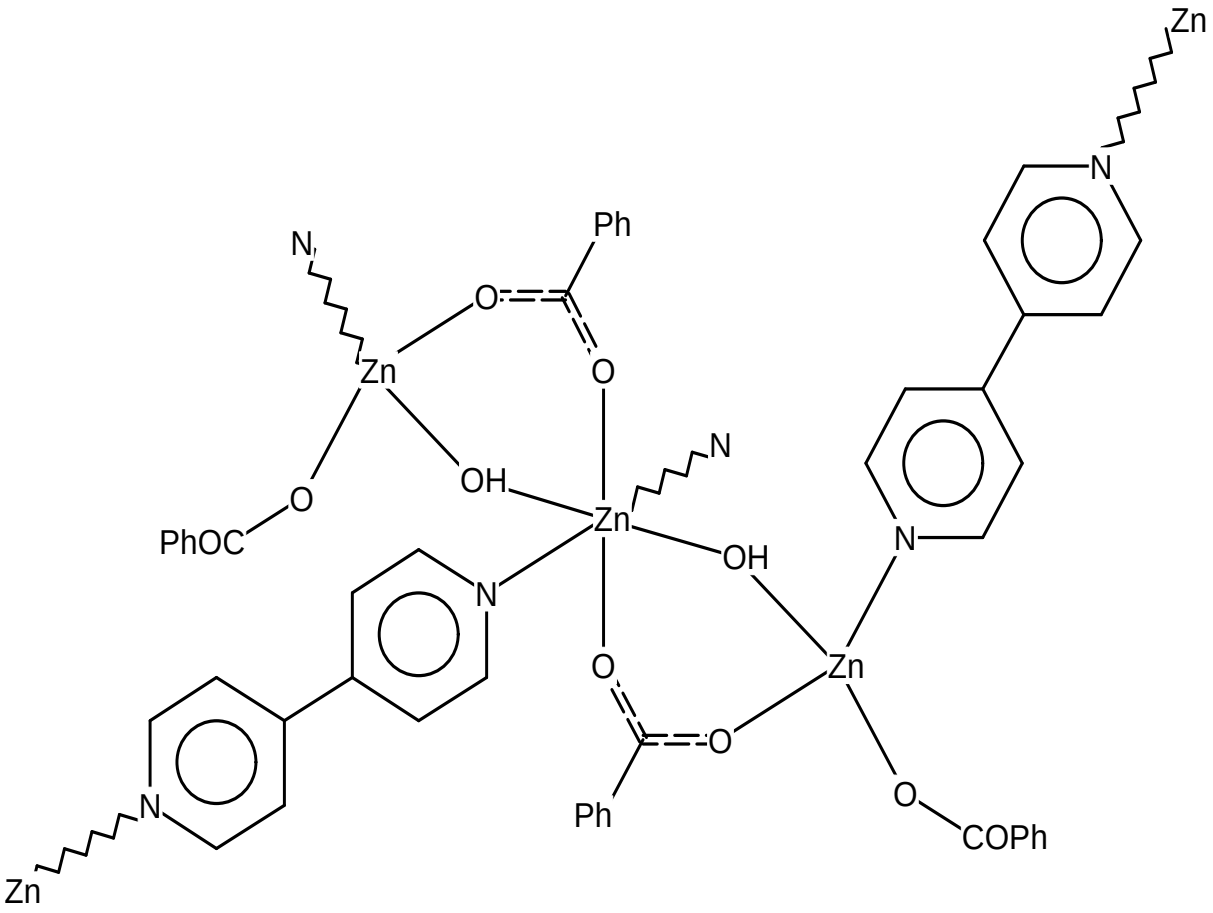
Reference: Young Joo Song, Han Kwak, Young Min Lee, Soo Hyun Kim, Sun Hwa Lee, Byeong Kwon Park, Je Yeol Jun, Seung Man Yu, Cheal Kim, Sung-Jin Kim, Youngmee Kim (2009) *Polyhedron ,***28,**1241

Formula: $(C_{48}\ H_{38}\ N_4\ O_{10}\ Zn_3)n$

Compound Name: catena-[bis(μ_2-Benzoato-O,O')-bis(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-hydroxy)-bis(benzoato-O)-tri-zinc(ii)]

Space Group:	P-1	***Cell:***	***a***	9.583(3)	***b*** 11.389(4)	***c***	11.396(4)
Space Group No.:	2	***(Å,°)***	α	96.73(0)	β 110.63(0)	γ	108.11(0)

R-Factor (%): 5.37 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.594



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1548

MOYGUD

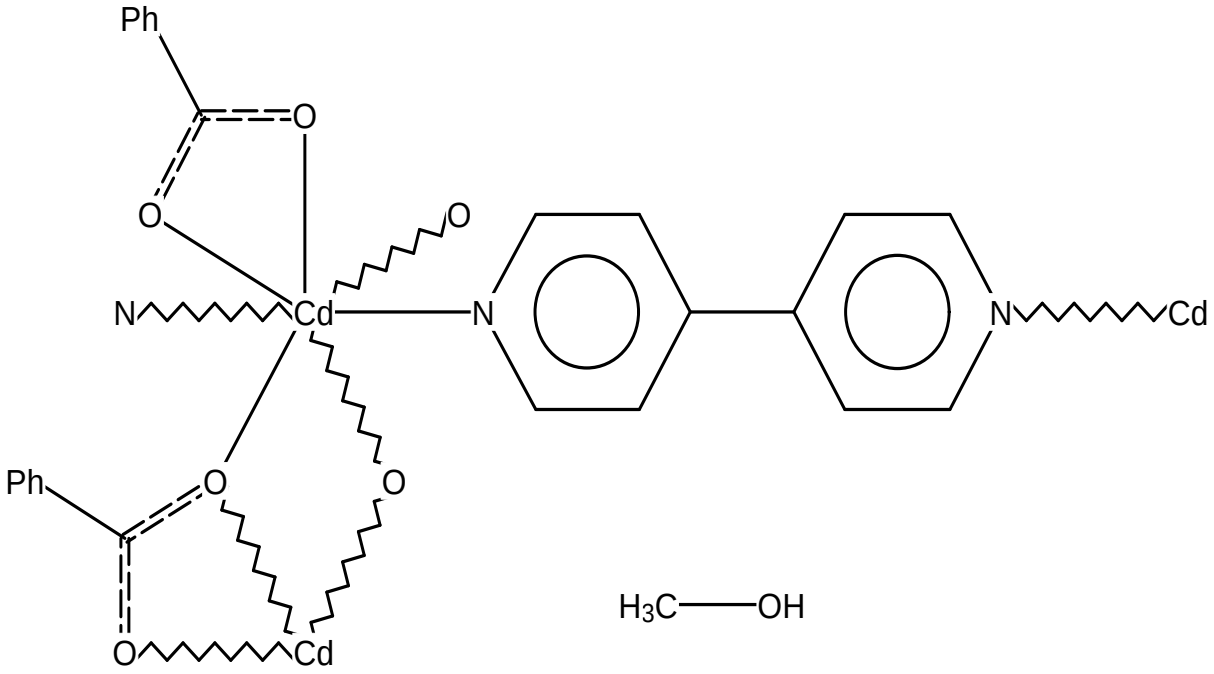
Reference: Young Joo Song, Han Kwak, Young Min Lee, Soo Hyun Kim, Sun Hwa Lee, Byeong Kwon Park, Je Yeol Jun, Seung Man Yu, Cheal Kim, Sung-Jin Kim, Youngmee Kim (2009) *Polyhedron ,***28,**1241

Formula: $(C_{24}\ H_{18}\ Cd_1\ N_2\ O_4)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-[(μ_2-Benzoato-O,O,O')-(μ_2-4,4'-bipyridine-N,N')-(benzoato-O, O')-cadmium(ii) methanol solvate]

Space Group:	P-1	***Cell:***	***a***	9.990(3)	***b***	10.774(3)	***c*** 12.346(4)
Space Group No.:	2	***(Å,°)***	α	105.50(0)	β	92.23(0)	γ 111.67(0)

R-Factor (%): 4.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.533



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1549

MOYTOK

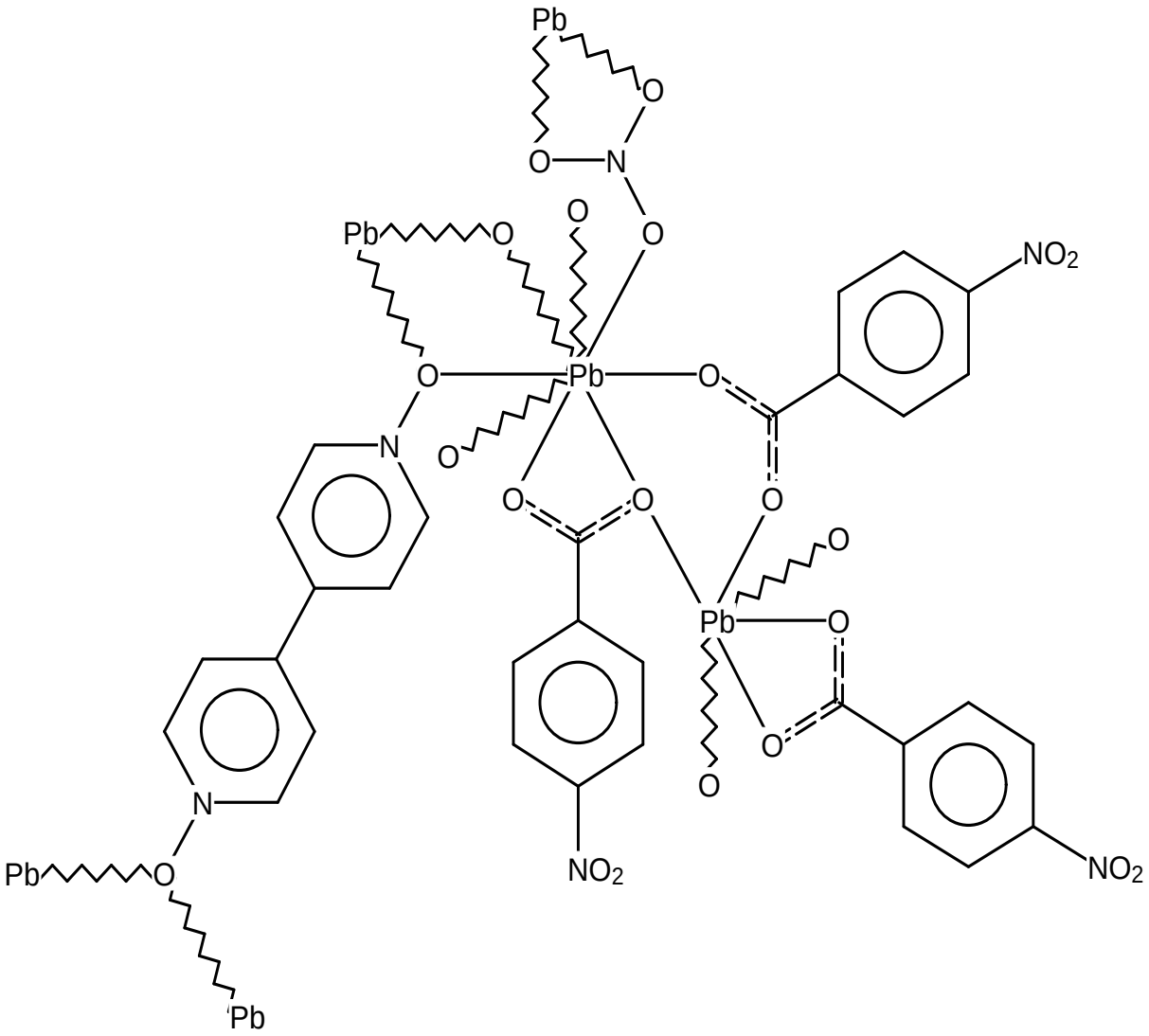
Reference: R.Sarma, J.B.Baruah (2009) *Inorg.Chim.Acta* ,**362,**1681

Formula: $(C_{31}\ H_{20}\ N_6\ O_{17}\ Pb_2)n$

Compound Name: catena-((μ_4-4,4'-bipyridyl N,N'-dioxide)-(μ_2-4-nitrobenzoato-O,O,O')-(μ_2-4-nitrobenzoato-O,O')-(μ_2-nitrato-O,O',O'')-(4-nitrobenzoato-O,O')-di-lead(ii))

Space Group:	P21/c	***Cell:***	***a***	17.669(1)	***b***	8.110(0)	***c*** 24.336(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	100.47(0)	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.253



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1550

MOYTUQ

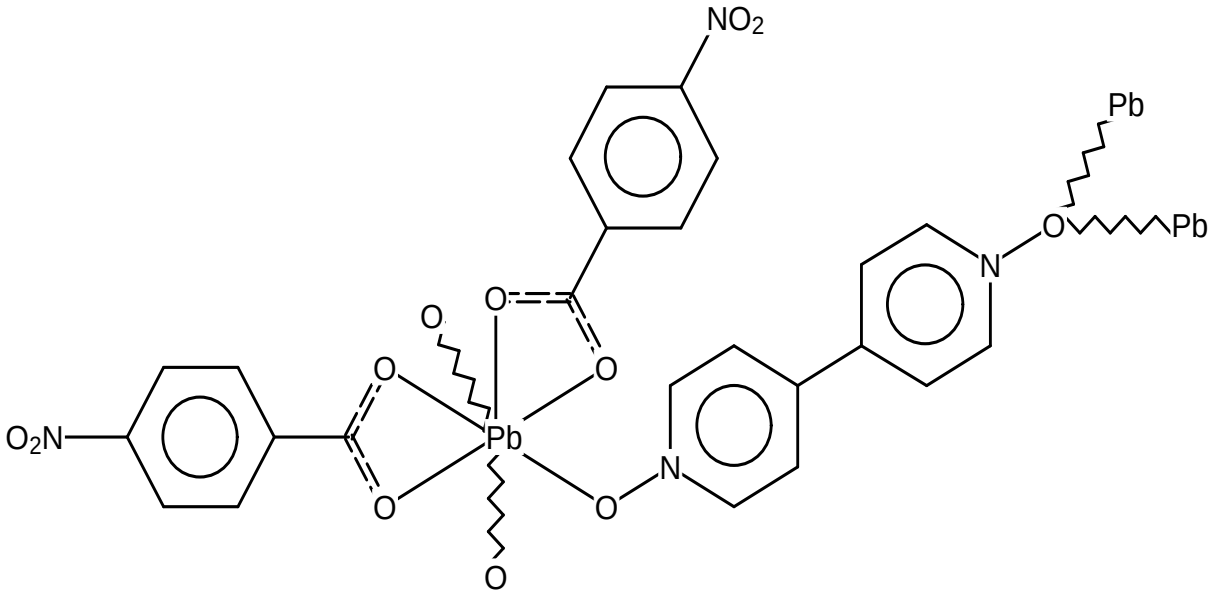
Reference: R.Sarma, J.B.Baruah (2009) *Inorg.Chim.Acta* ,**362,**1681

Formula: $(C_{24}\ H_{16}\ N_4\ O_{10}\ Pb_1)n$

Compound Name: catena-((μ_3-4,4'-bipyridyl N,N'-dioxide)-bis(4-nitrobenzoato-O,O')-lead(ii))

Space Group:	P21/c	***Cell:***	***a***	13.061(2)	***b*** 7.487(1)	***c***	26.345(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.06(1)	γ	90.00

R-Factor (%): 4.63 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.973



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1551

MOYYOP

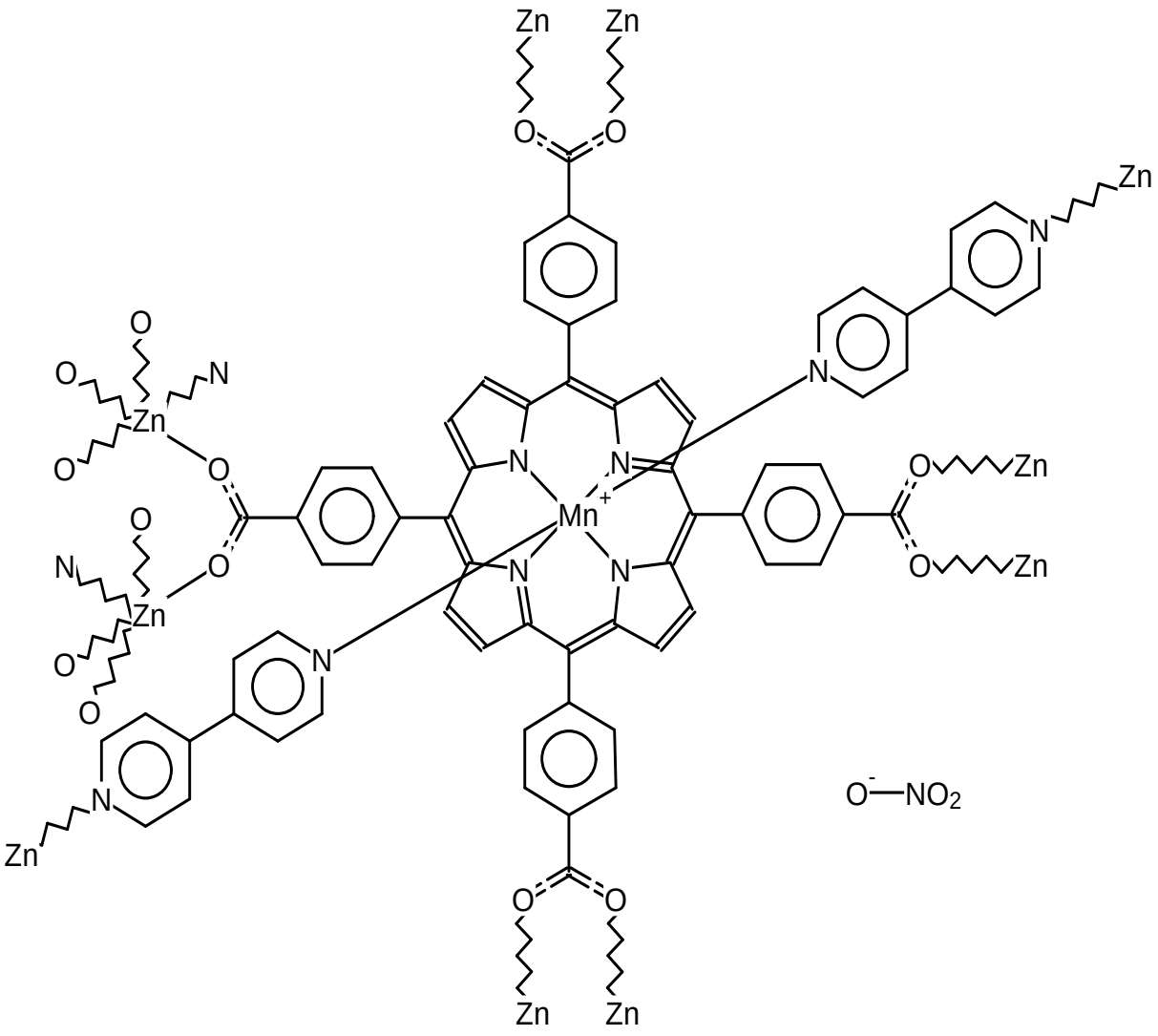
Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{68}\ H_{40}\ Mn_1\ N_8\ O_8\ Zn_2\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-bis(μ_2-4,4'-bipyridine)-manganese(iii)-di-zinc nitrate unknown solvate)

Space Group:	I4/mmm	***Cell:***	***a***	16.661(1)	***b***	16.661(1)	***c***	25.688(2)
Space Group No.:	139	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.11 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 0.626



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1552

MOYYUV

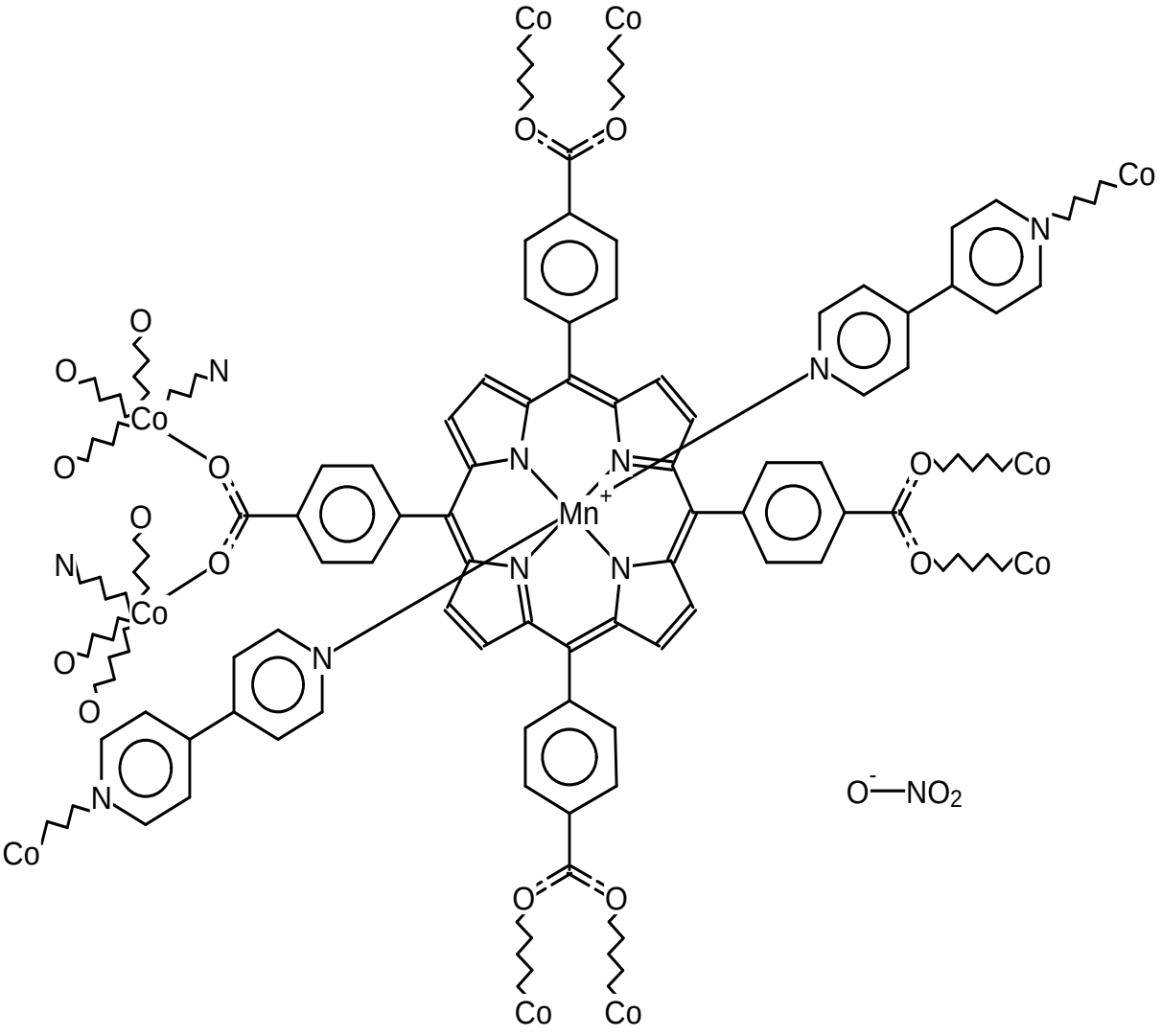
Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{68}\ H_{40}\ Co_2\ Mn_1\ N_8\ O_8\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-bis(μ_2-4,4'-bipyridine)-di-cobalt-manganese(iii) nitrate unknown solvate)

Space Group:	I4/mmm	***Cell:***	***a***	16.691(1)	***b***	16.691(1)	***c***	25.466(4)
Space Group No.:	139	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.67 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 0.624



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1553

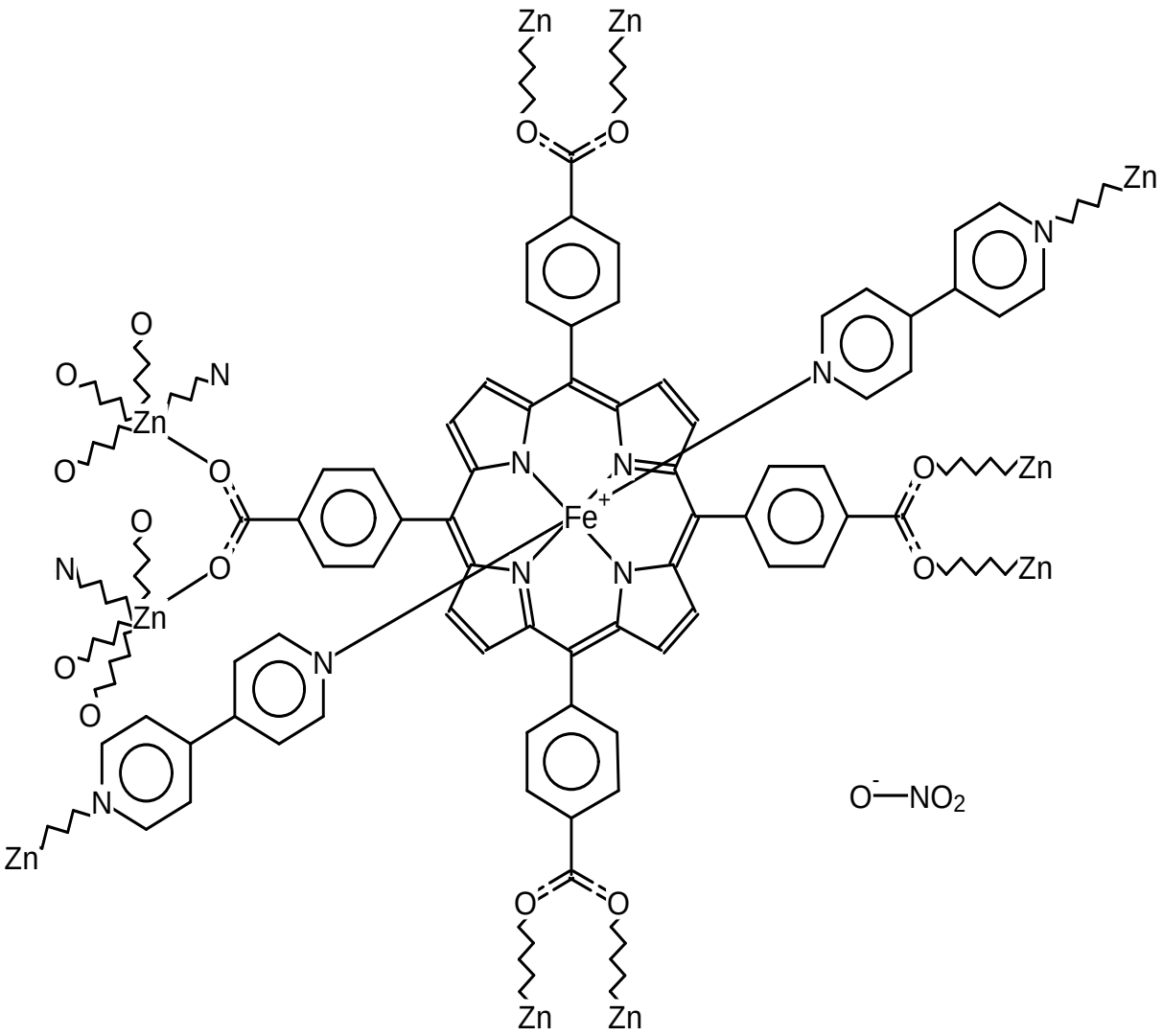
MOYZAC

Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{68}\ H_{40}\ Fe_1\ N_8\ O_8\ Zn_2\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-bis(μ_2-4,4'-bipyridine)-iron(iii)-di-zinc nitrate unknown solvate)

Space Group:	I4/mmm	***Cell:***	***a***	16.633(0)	***b***	16.633(0)	***c***	25.076(0)
Space Group No.:	139	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.94	***Temperature(K):***	120		***Density(g/cm^3):***	0.644		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1554

MOYZEG

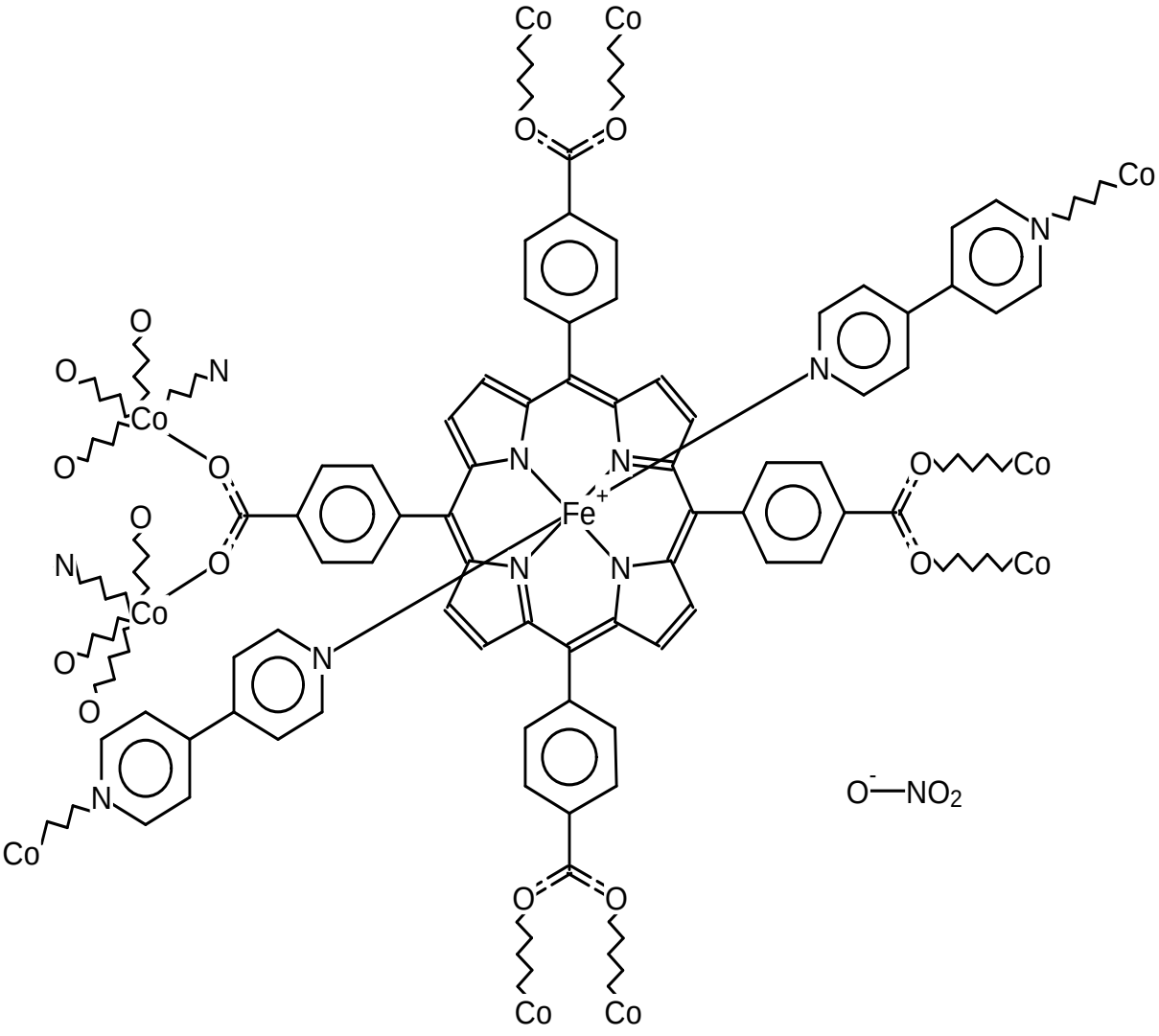
Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{68}\ H_{40}\ Co_2\ Fe_1\ N_8\ O_8\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-bis(μ_2-4,4'-bipyridine)-di-cobalt-iron(iii) nitrate unknown solvate)

Space Group:	I4/mmm	***Cell:***	***a***	16.637(1)	***b***	16.637(1)	***c***	24.779(3)
Space Group No.:	139	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.27 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 0.645



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1555

MOYZIK

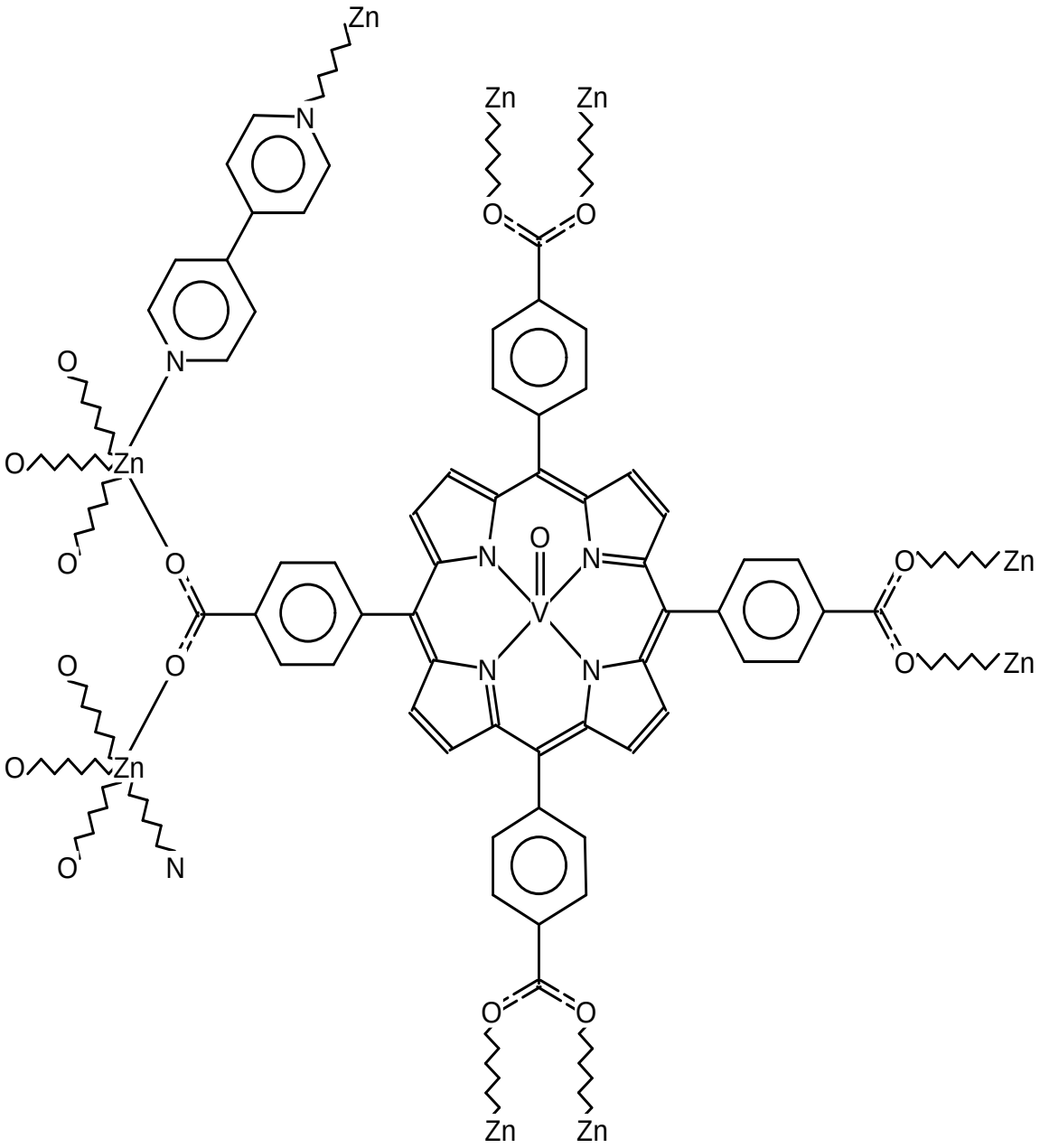
Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{58}\ H_{32}\ N_6\ O_9\ V_1\ Zn_2)n$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-(μ_2-4,4'-bipyridine)-oxo-vanadium-di-zinc unknown solvate)

Space Group:	P4/mmm	***Cell:***	***a***	16.690(0)	***b***	16.690(0)	***c***	14.057(0)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.58 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 0.483



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1556

MOYZOQ

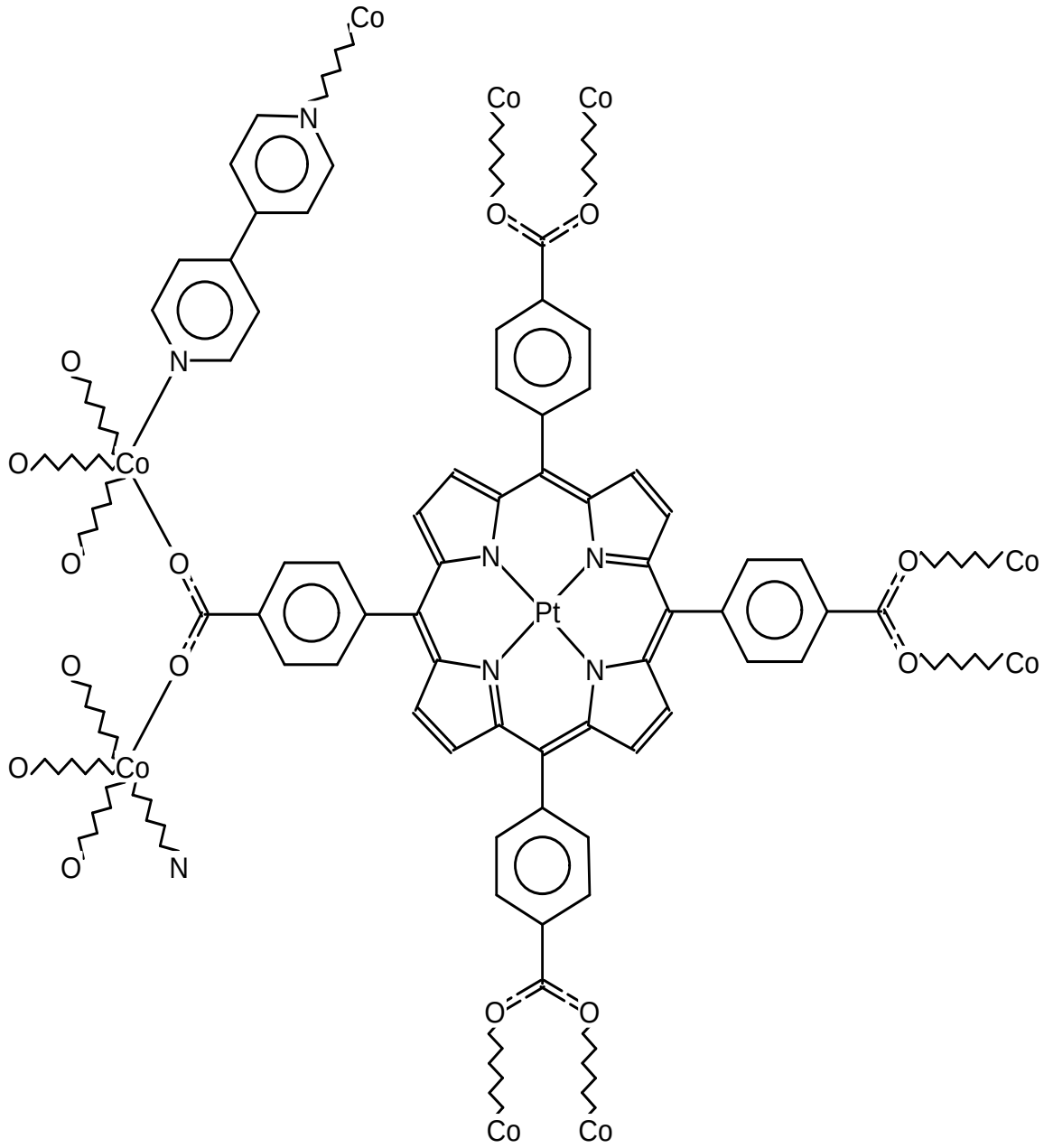
Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{58}\ H_{32}\ Co_2\ N_6\ O_8\ Pt_1)n$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-(μ_2-4,4'-bipyridine)-di-cobalt-platinum unknown solvate)

Space Group:	P4/mmm	***Cell:***	***a***	16.709(0)	***b***	16.709(0)	***c***	13.915(0)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.75 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 0.536



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1557

MOYZUW

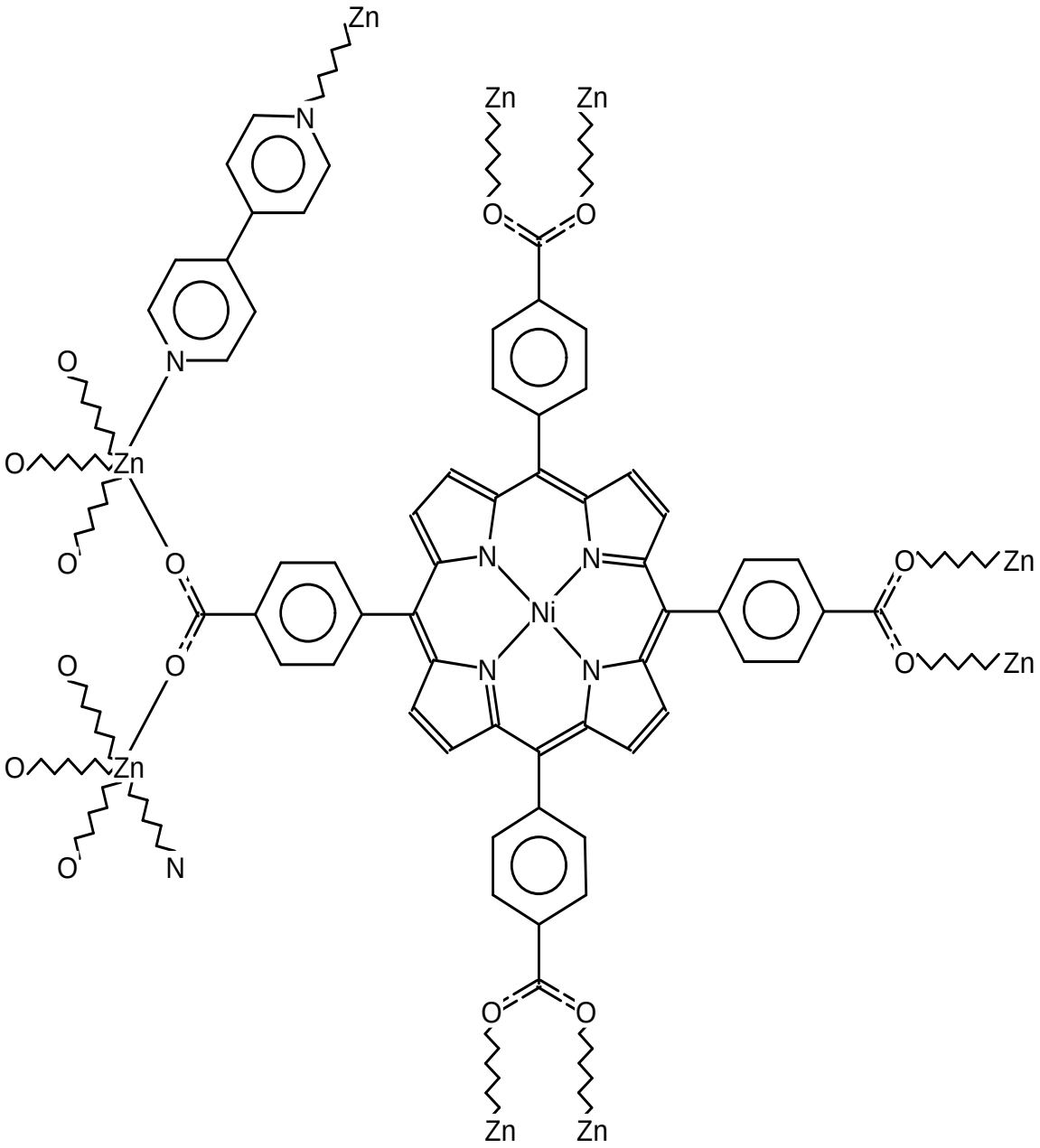
Reference: P.M.Barron, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Cryst.Growth Des.* ,**9,**1960

Formula: $(C_{58}\ H_{32}\ N_6\ Ni_1\ O_8\ Zn_2)n$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrinato)-(μ_2-4,4'-bipyridine)-nickel-di-zinc unknown solvate)

Space Group:	P4/mmm	***Cell:***	***a***	16.654(0)	***b***	16.654(0)	***c***	14.053(0)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.08 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 0.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1558

MOZTEB

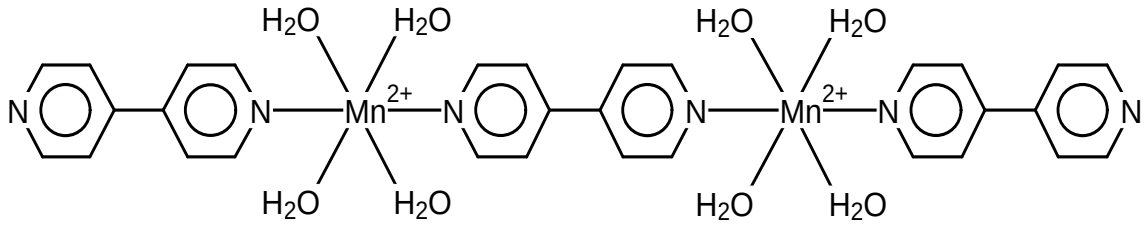
Reference: Bing-Yu Zhang, Jing-Jing Nie, Duan-Jun Xu (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m975

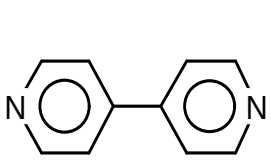
Formula: $C_{30}\ H_{40}\ Mn_2\ N_6\ O_8\ ^{4+}$,2($C_{10}\ H_9\ N_2\ ^{1+}$),2($C_8\ H_3\ O_7\ S_1\ ^{3-}$),$C_{10}\ H_8\ N_2$,15($H_2\ O_1$)

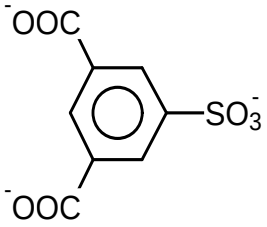
Compound Name: (μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-octa-aqua-di-manganese(ii) bis[4-(4-pyridyl)pyridinium] bis(5-sulfonatobenzene-1,3-dicarboxylate) 4,4'-bipyridine solvate pentadecahydrate

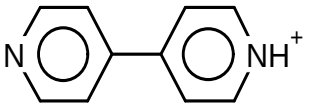
Space Group:	C2/c	***Cell:***	***a***	45.393(13)	***b*** 10.946(3)	***c***	19.641(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.70(0)	γ	90.00

R-Factor (%): 5.29 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.438









H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1559

MOZTUR

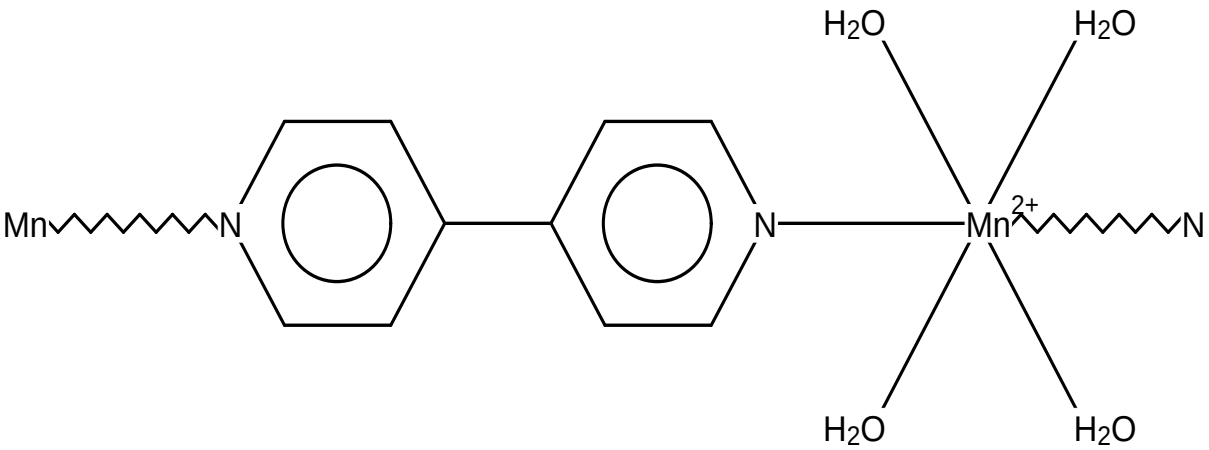
Reference: Zhi-Wei Tang, Jun-Dan Fu, Long-Ping Jiang, Yi-Hang Wen (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**65,** m979

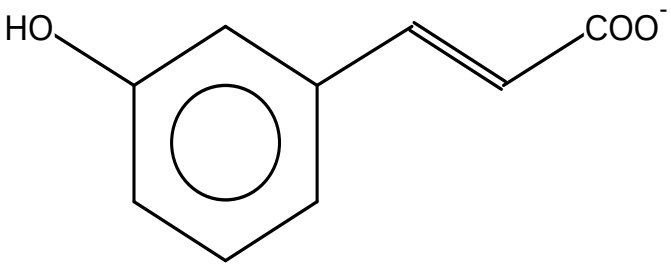
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,2n(C_9\ H_7\ O_3\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-bipyridine)-tetra-aqua-manganese(ii) bis(3-hydroxycinnamate) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.662(1)	***b***	11.273(1)	***c*** 11.624(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.52(0)	γ 90.00

R-Factor (%): 4.43 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.412





H_2O

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1560

MPYRNI

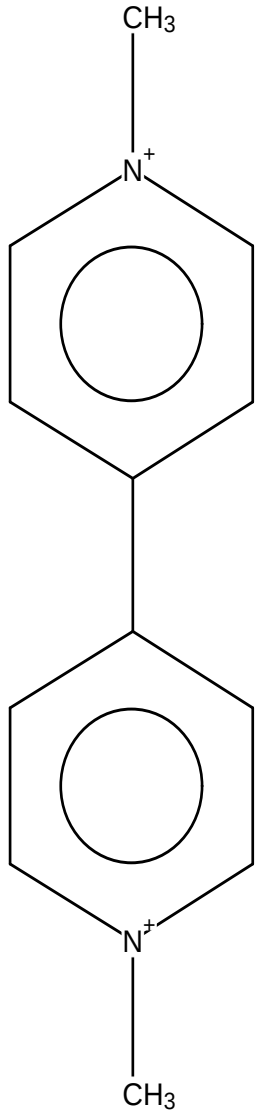
Reference: S.S.Basson, L.D.C.Bok, J.G.Leipoldt (1969)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***25,**579

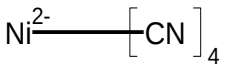
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},C_4\ N_4\ Ni_1\ ^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-dipyridinium tetracyanonickelate(ii)

Space Group:	P21/n	***Cell:***	***a***	8.080	***b***	7.650	***c*** 13.400
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.50	γ 90.00

R-Factor (%):	12.51	***Temperature(K):***	295	***Density(g/cm^3):***	1.415





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1561

MUBKEZ

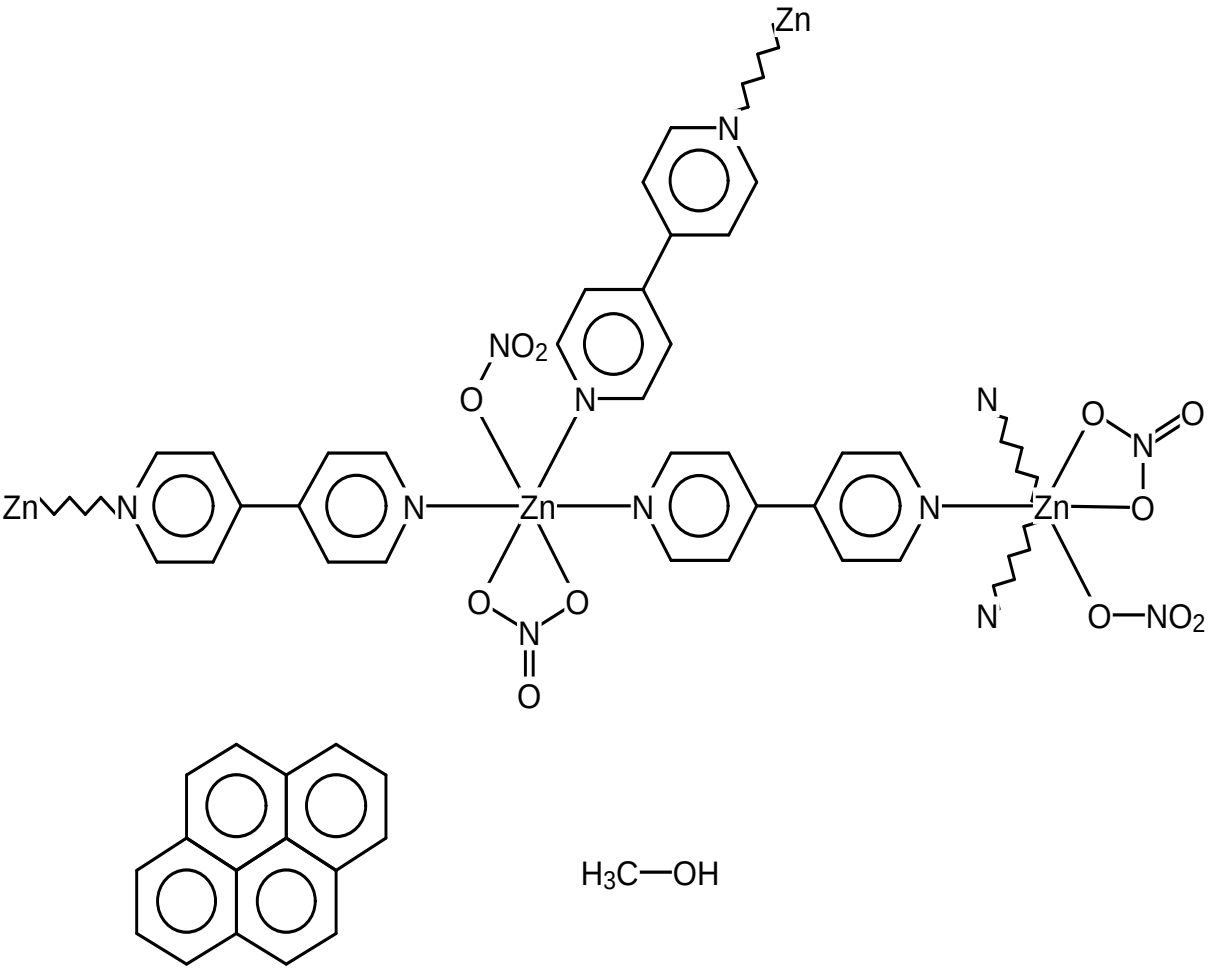
Reference: B.D.Wagner, G.J.McManus, B.Moulton, M.J.Zaworotko (2002) *Chem.Commun.* ,2176

Formula: $(C_{30}\ H_{24}\ N_{10}\ O_{12}\ Zn_2)n,n(C_{16}\ H_{10}),2n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N')-bis(nitrato-O,O')-bis(nitrato-O)-di-zinc pyrene clathrate methanol solvate)

Space Group:	P-1	***Cell:***	***a***	10.092(0)	***b***	11.387(0)	***c*** 12.153(0)
Space Group No.:	2	***(Å,°)***	α	88.18(0)	β	68.57(0)	γ 69.24(0)

R-Factor (%): 4.34 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.531



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1562

MUCMIH

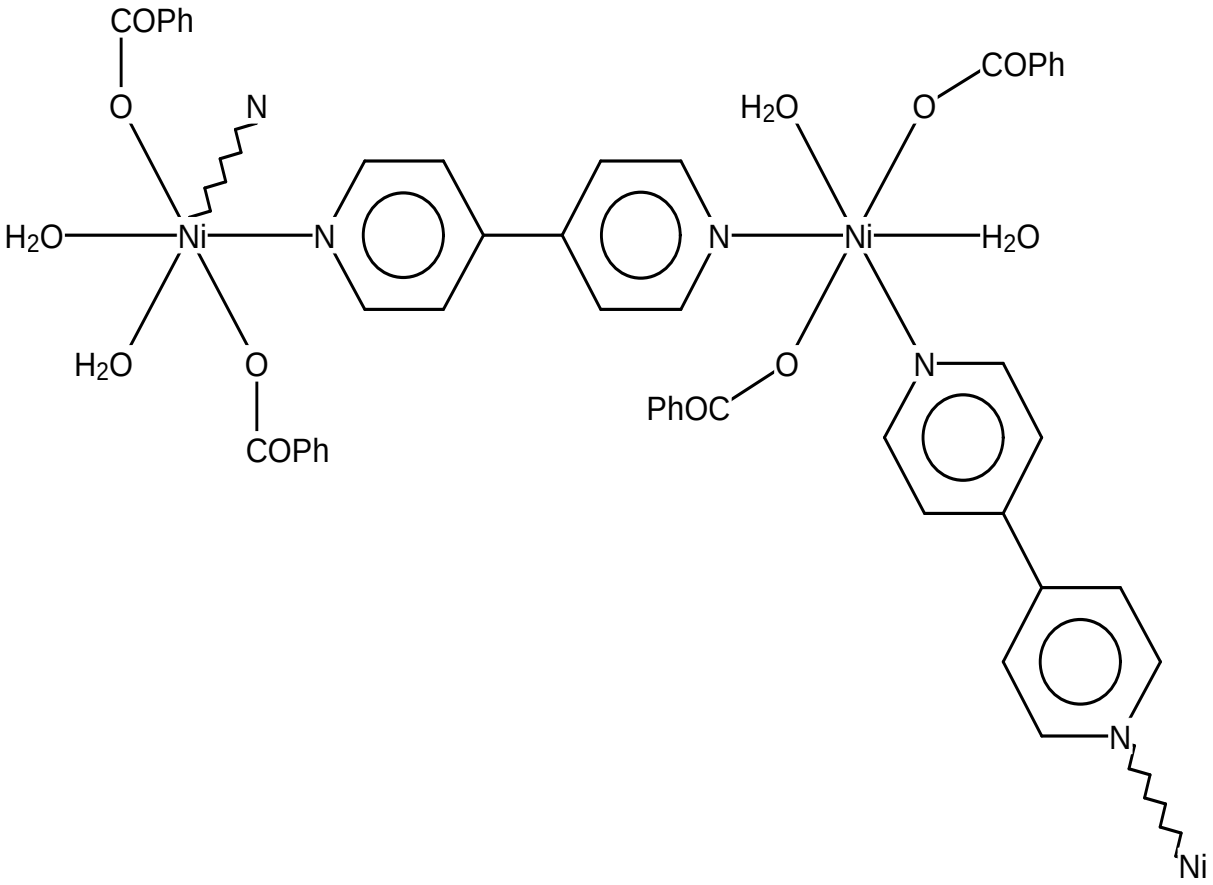
Reference: Young Joo Song, Han Kwak, Young Min Lee, Soo Hyun Kim, Sun Hwa Lee, Byeong Kwon Park, Je Yeol Jun, Seung Man Yu, Cheal Kim, Sung-Jin Kim, Youngmee Kim (2009) *Polyhedron ,***28,**1241

Formula: $(C_{48}\ H_{44}\ N_4\ Ni_2\ O_{12})n$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(benzoato-O)-tetra-aqua-di-nickel(ii)]

Space Group:	P43212	***Cell:***	***a***	15.025(2)	***b***	15.025(2)	***c***	27.318(6)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.88 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.062



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1563

MUDJOL

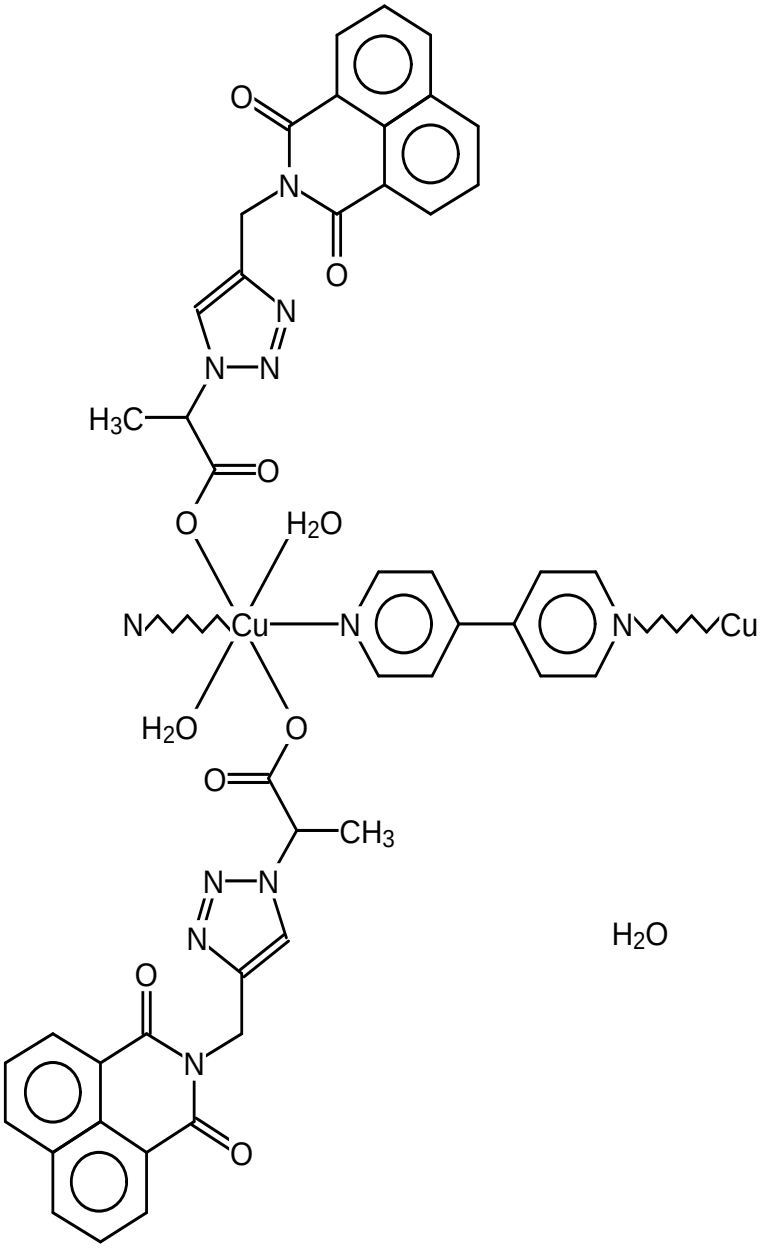
Reference: D.L.Reger, J.Horger, M.D.Smith, G.J.Long (2009) *Chem.Commun.* ,6219

Formula: $(C_{46}\ H_{38}\ Cu_1\ N_{10}\ O_{10})n,4.25n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-diaqua-bis(2-(4-((1,3-dioxo-1H-benzo[de]isoquinolin-2(3H)-yl)methyl)-1H-1,2,3-triazol-1-yl)propanoato)-copper(ii) hydrate)

Space Group:	P6122	***Cell:***	***a***	11.200(0)	***b***	11.200(0)	***c*** 62.448(3)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.11 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.514



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1564

MUDJUR

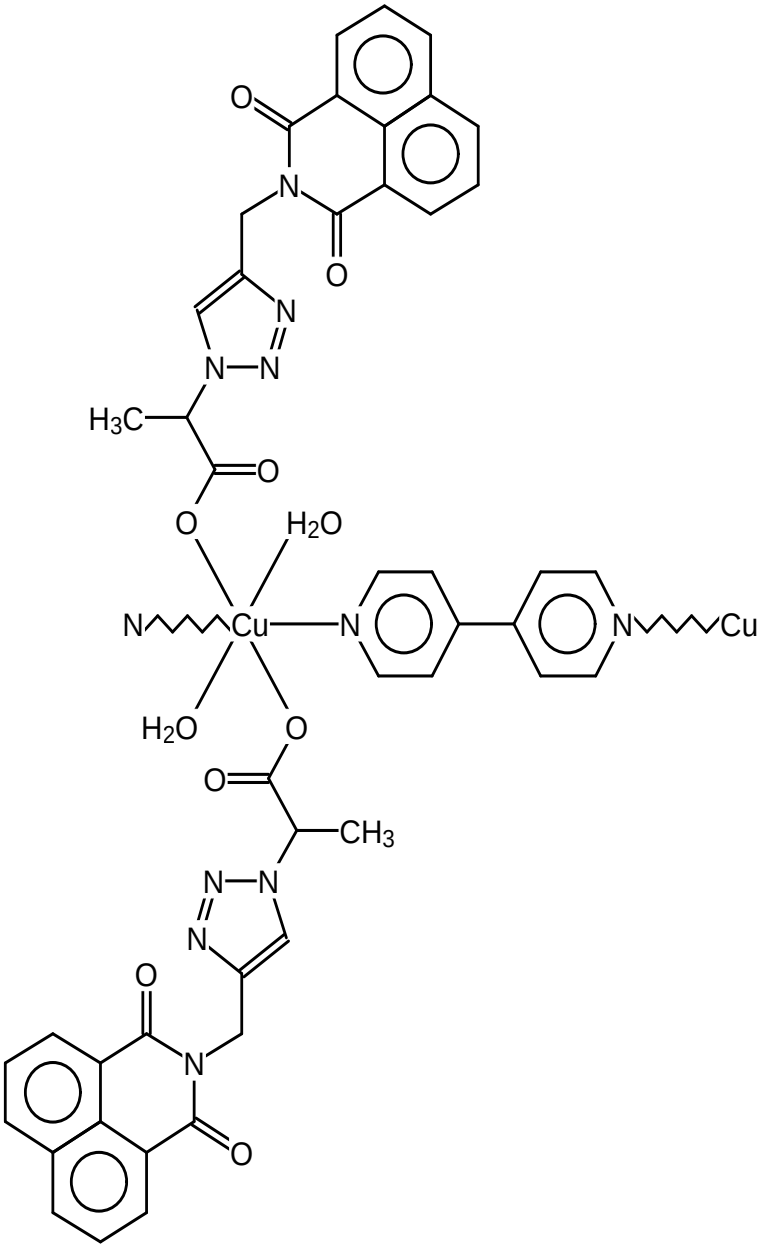
Reference: D.L.Reger, J.Horger, M.D.Smith, G.J.Long (2009) *Chem.Commun.* ,6219

Formula: $(C_{46}\ H_{38}\ Cu_1\ N_{10}\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-diaqua-bis(2-(4-((1,3-dioxo-1H-benzo[de]isoquinolin-2(3H)-yl)methyl)-1H-1,2,3-triazol-1-yl)propanoato)-copper(ii))

Space Group:	P6122	***Cell:***	***a***	11.135(0)	***b***	11.135(0)	***c*** 60.938(3)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.58 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.453



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1565

MUFHIF

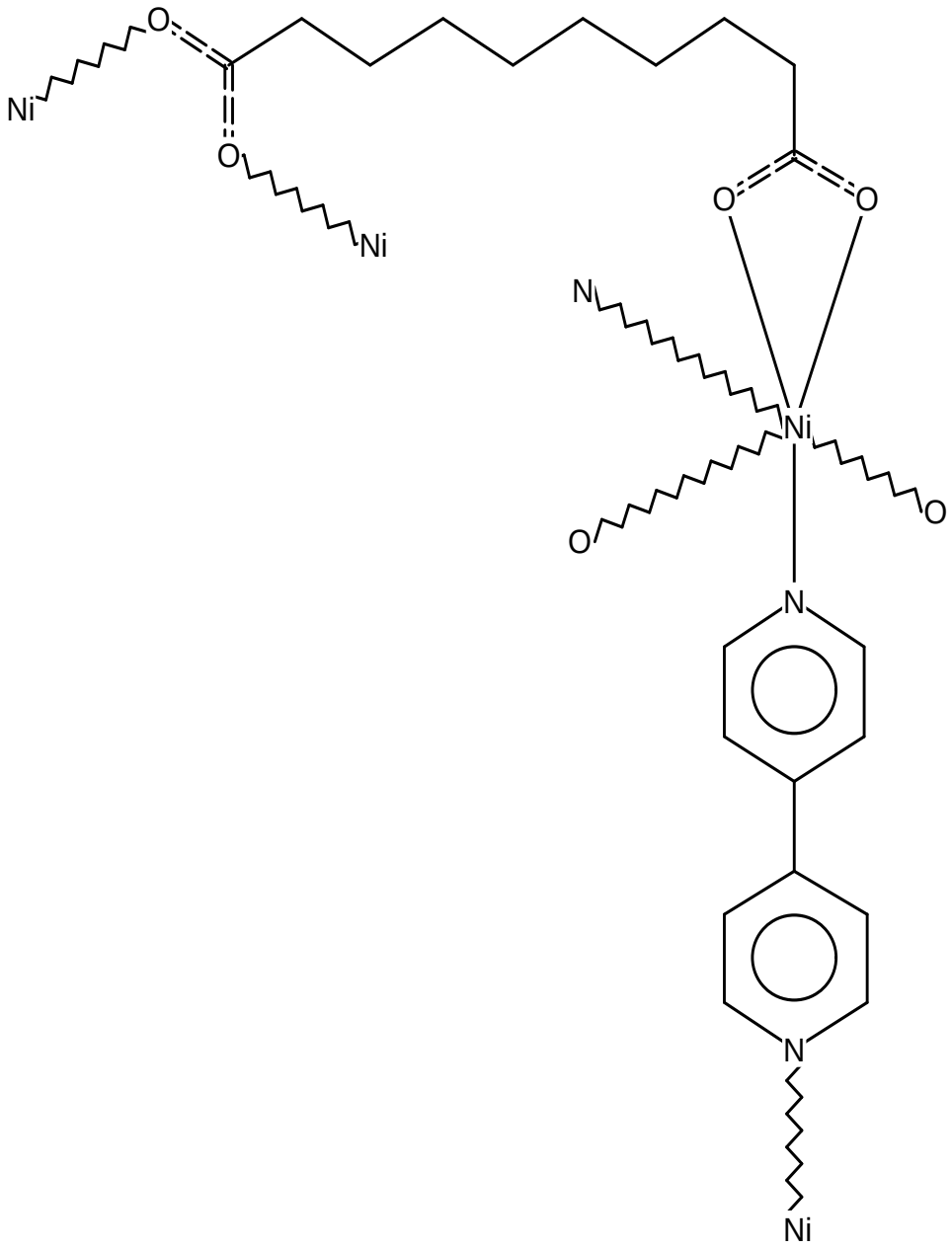
Reference: Yan Xie, Yong-Heng Xing, Zhuo Wang, Hai-Yan Zhao, Xiao-Qing Zeng, Mao-Fa Ge, Shu-Yun Niu (2009) *Inorg.Chem.Commun. ,***12,**975

Formula: $(C_{20}\ H_{24}\ N_2\ Ni_1\ O_4)n$

Compound Name: catena-((μ_3-Sebacato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-nickel(ii))

Space Group:	P21/c	***Cell:***	***a***	11.311(3)	***b*** 19.393(4)	***c***	8.586(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.09(0)	γ	90.00

R-Factor (%): 4.86 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.492



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1566

MUFHOL

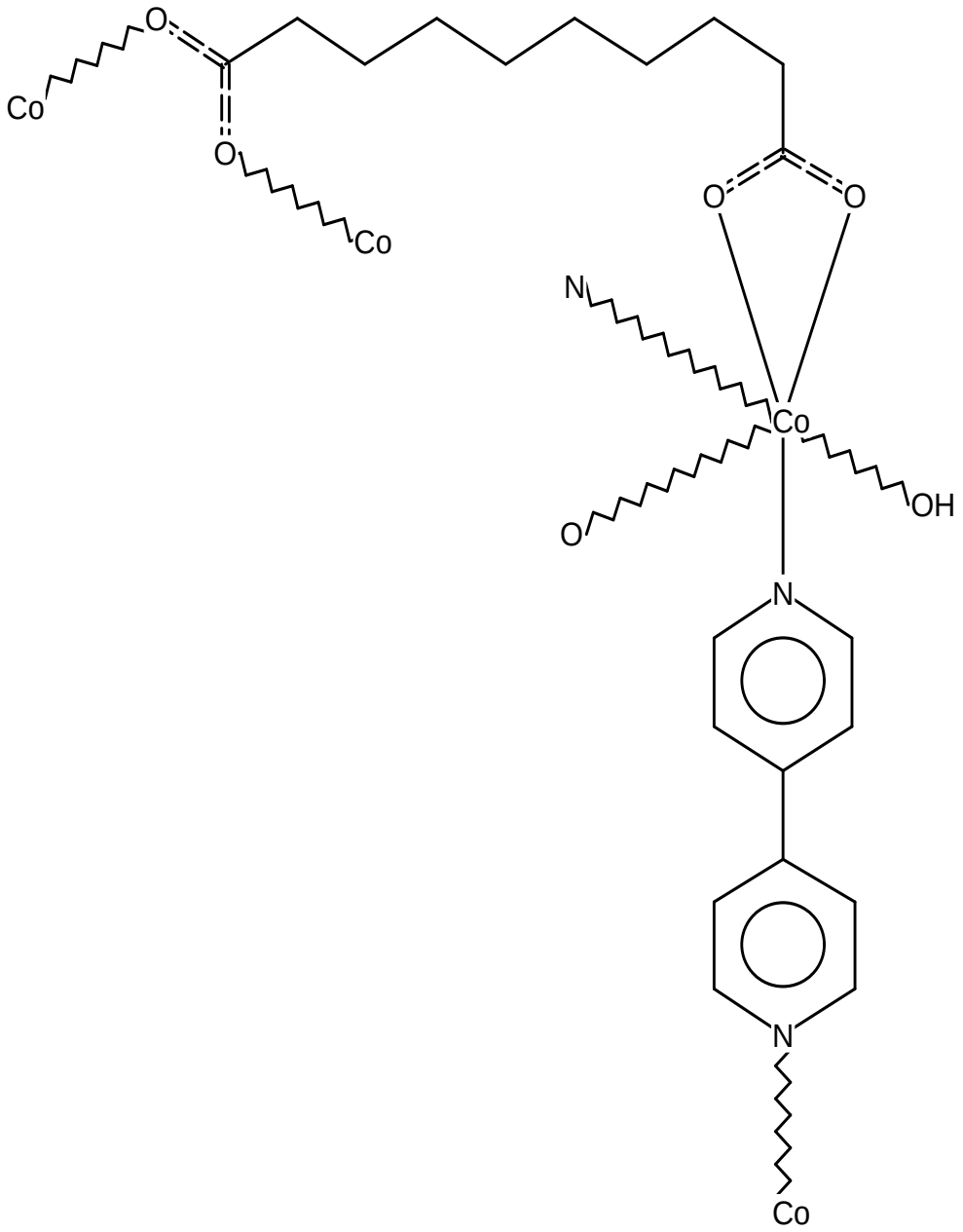
Reference: Yan Xie, Yong-Heng Xing, Zhuo Wang, Hai-Yan Zhao, Xiao-Qing Zeng, Mao-Fa Ge, Shu-Yun Niu (2009) *Inorg.Chem.Commun. ,***12,**975

Formula: $(C_{20}\ H_{24}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_3-Sebacato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a***	11.454(2)	***b***	19.430(3)	***c*** 8.540(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.67(0)	γ 90.00

R-Factor (%): 2.60 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1567

MUFTIR

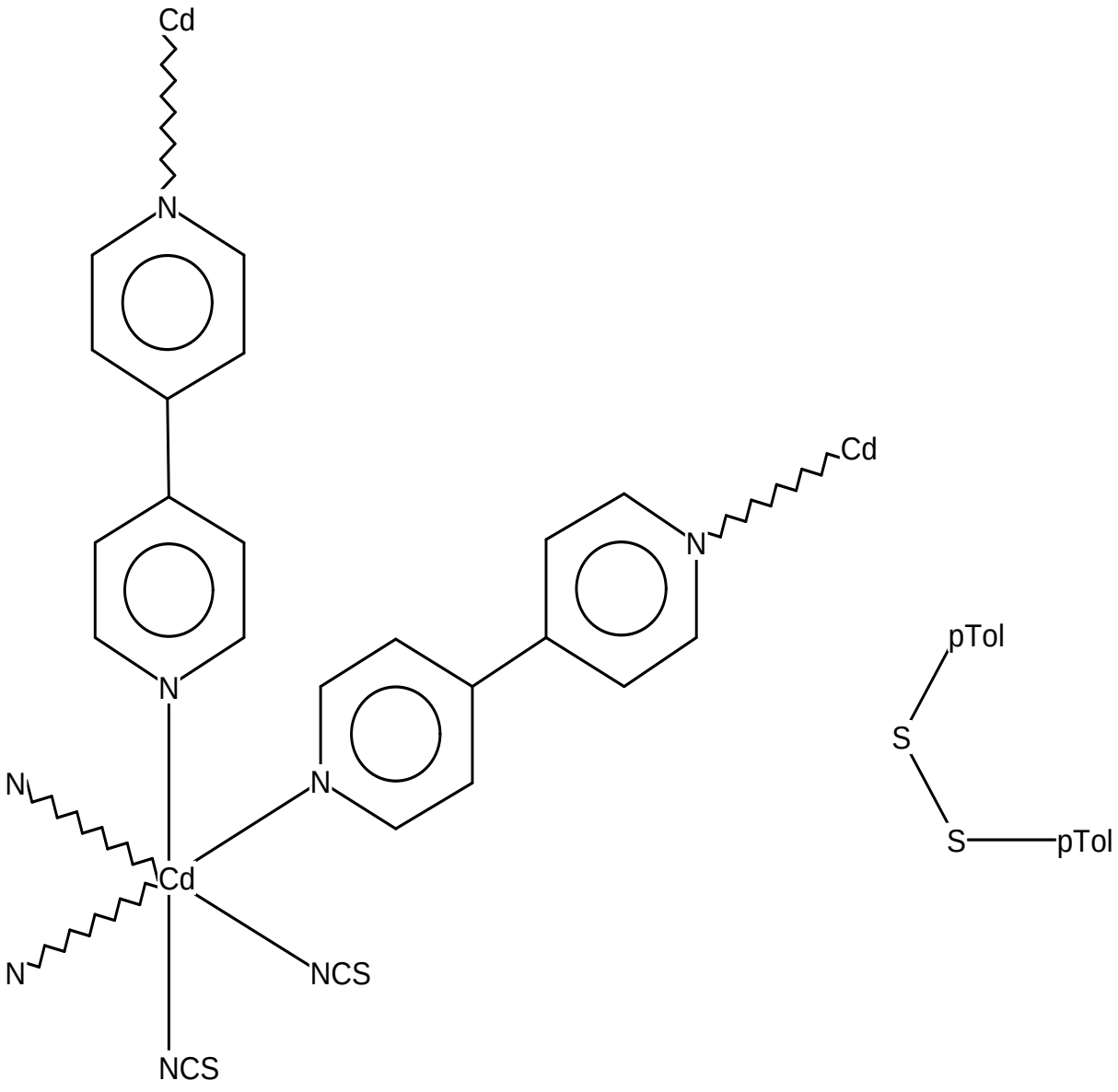
Reference: Xiao-Li Yang, Shi-Bin Ren, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2009) *J.Coord.Chem.* ,**62,**3782

Formula: $(C_{22}\ H_{16}\ Cd_1\ N_6\ S_2)n,2n(C_{14}\ H_{14}\ S_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(isothiocyanato)-cadmium(ii) bis(bis(p-tolyl) disulfide))

Space Group:	P21/n	***Cell:***	***a*** 10.641(1)	***b*** 15.697(1)	***c*** 14.846(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 94.80(0)	γ 90.00

R-Factor (%): 5.25 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.389



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1568

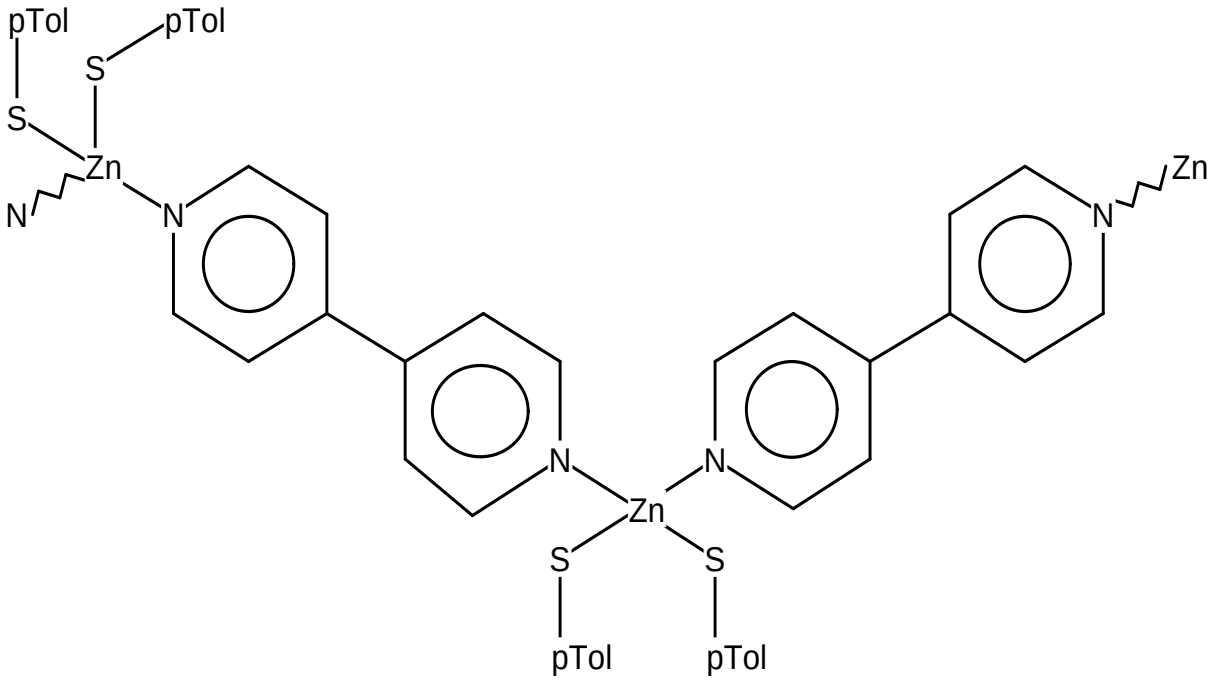
MUFTOX

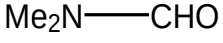
Reference: Xiao-Li Yang, Shi-Bin Ren, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2009) *J.Coord.Chem.* ,**62,**3782

Formula: $(C_{48}\ H_{44}\ N_4\ S_4\ Zn_2)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(p-tolylthiolato)-di-zinc(ii) dimethylformamide solvate)

Space Group:	C2/c	***Cell:***	***a***	10.651(7)	***b***	19.543(13)	***c***	26.171(17)
Space Group No.:	15	***(Å,°)***	α	90.00	β	91.21(0)	γ	90.00
R-Factor (%):	5.55	***Temperature(K):***	291		***Density(g/cm^3):***	1.320		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1569

MUFTUD

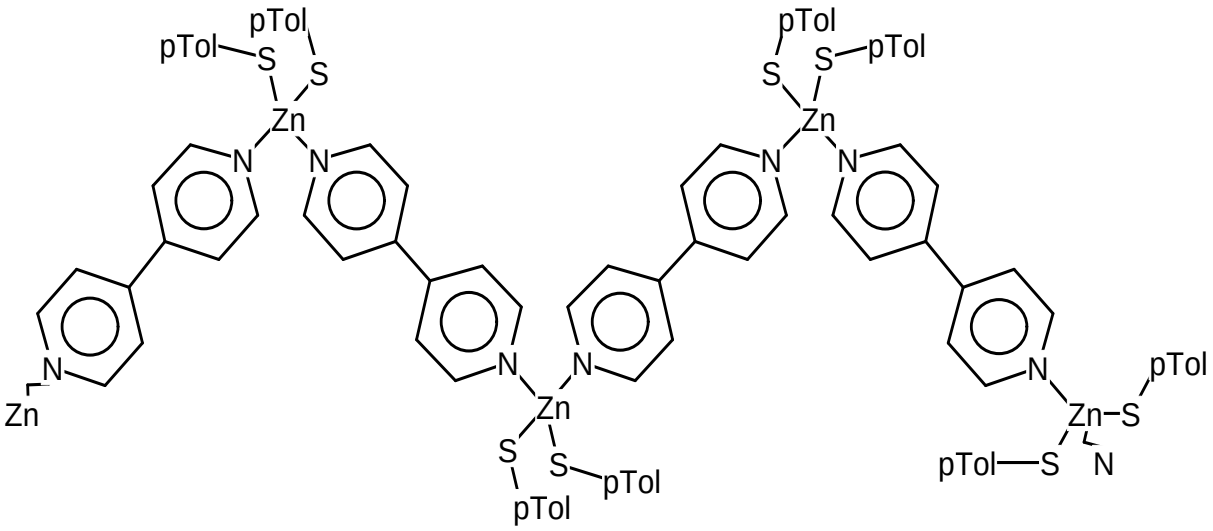
Reference: Xiao-Li Yang, Shi-Bin Ren, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2009) *J.Coord.Chem.* ,**62,**3782

Formula: $(C_{96}\ H_{88}\ N_8\ S_8\ Zn_4)n,2n(C_1\ H_4\ O_1),4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-octakis(p-tolylthiolato)-tetra-zinc(ii) methanol solvate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	31.967(1)	***b*** 28.474(3)	***c***	14.340(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.19(0)	γ	90.00

R-Factor (%): 5.81 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.120



$H_3C—OH$ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1570

MUFVIT

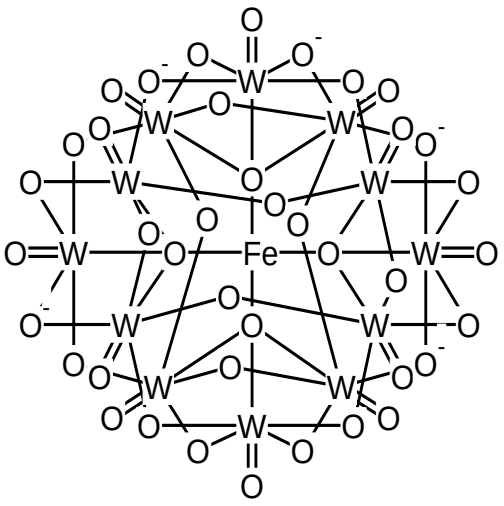
Reference: Jia Li, Ya-Guang Chen, Chun-Jing Zhang (2009) *J.Coord.Chem.* ,**62,**3810

Formula: $3(Fe_1\ O_{40}\ W_{12}\ ^{5-}),6(C_{10}\ H_{10}\ N_2\ ^{2+}),2(C_5\ H_6\ N_1\ ^{1+}),H_3\ O_1\ ^{1+},11(H_2\ O_1)$

Compound Name: hexakis(4,4-Bipyridinedi-ium) bis(pyridinium) oxonium tris(tetrakis(μ_4-oxo)-tetracosakis(μ_2-oxo)-dodecaoxo-iron-dodeca-tungsten) undecahydrate

Space Group:	P-1	***Cell:***	***a***	11.882(5)	***b***	19.255(5)	***c***	21.067(5)
Space Group No.:	2	***(Å,°)***	α	63.51(0)	β	73.90(0)	γ	79.58(0)

R-Factor (%): 7.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.029


O
O
O
W
O
W
O
Fe
O
W
O
W
O
W

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1571

MUHJEE

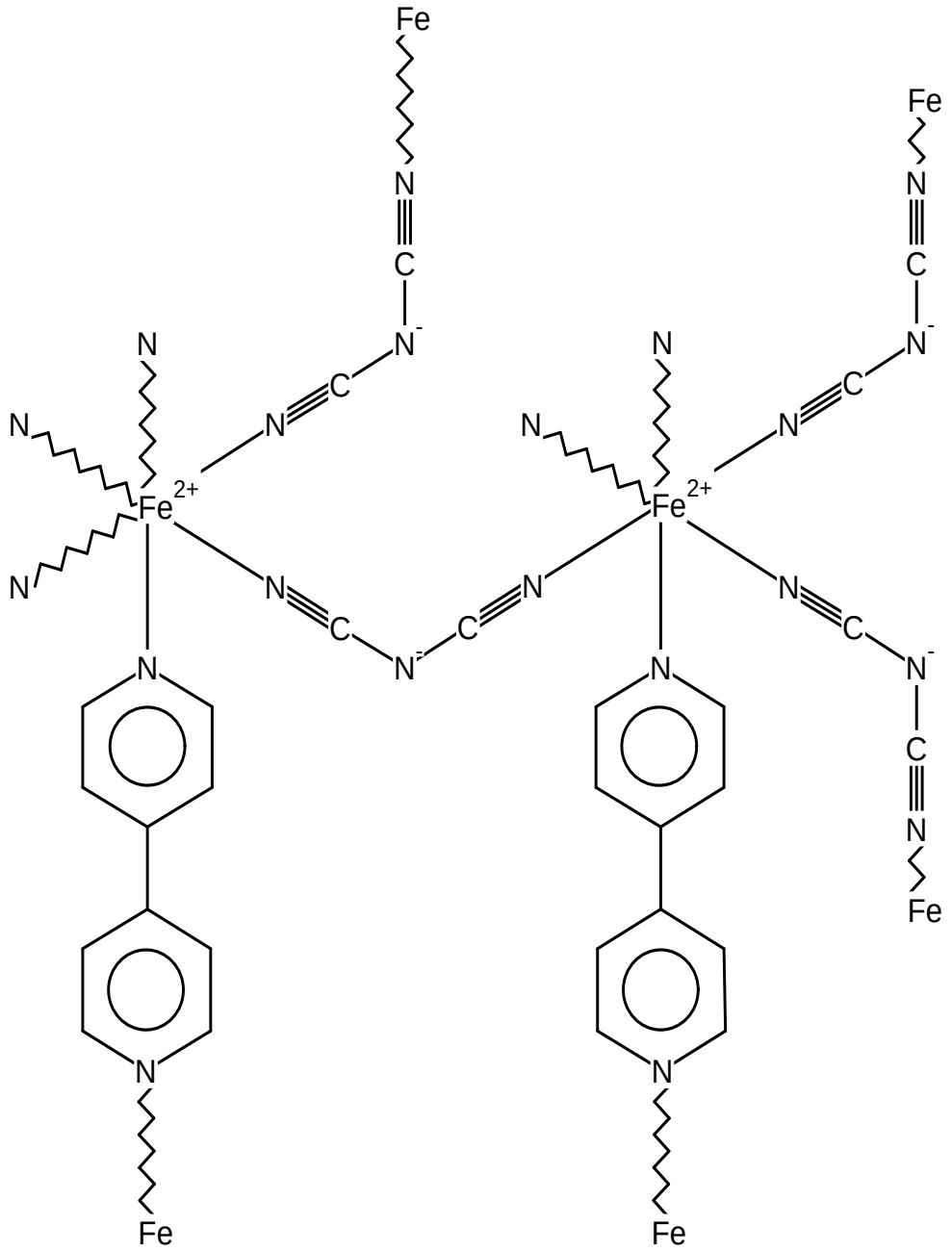
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{28}\ H_{16}\ Fe_2\ N_{16})n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-dicyanamido)-iron(ii))

Space Group:	Pmn21	***Cell:***	***a***	11.520(0)	***b***	17.011(0)	***c*** 8.666(0)
Space Group No.:	31	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.82 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.346



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1572

MUHJEE01

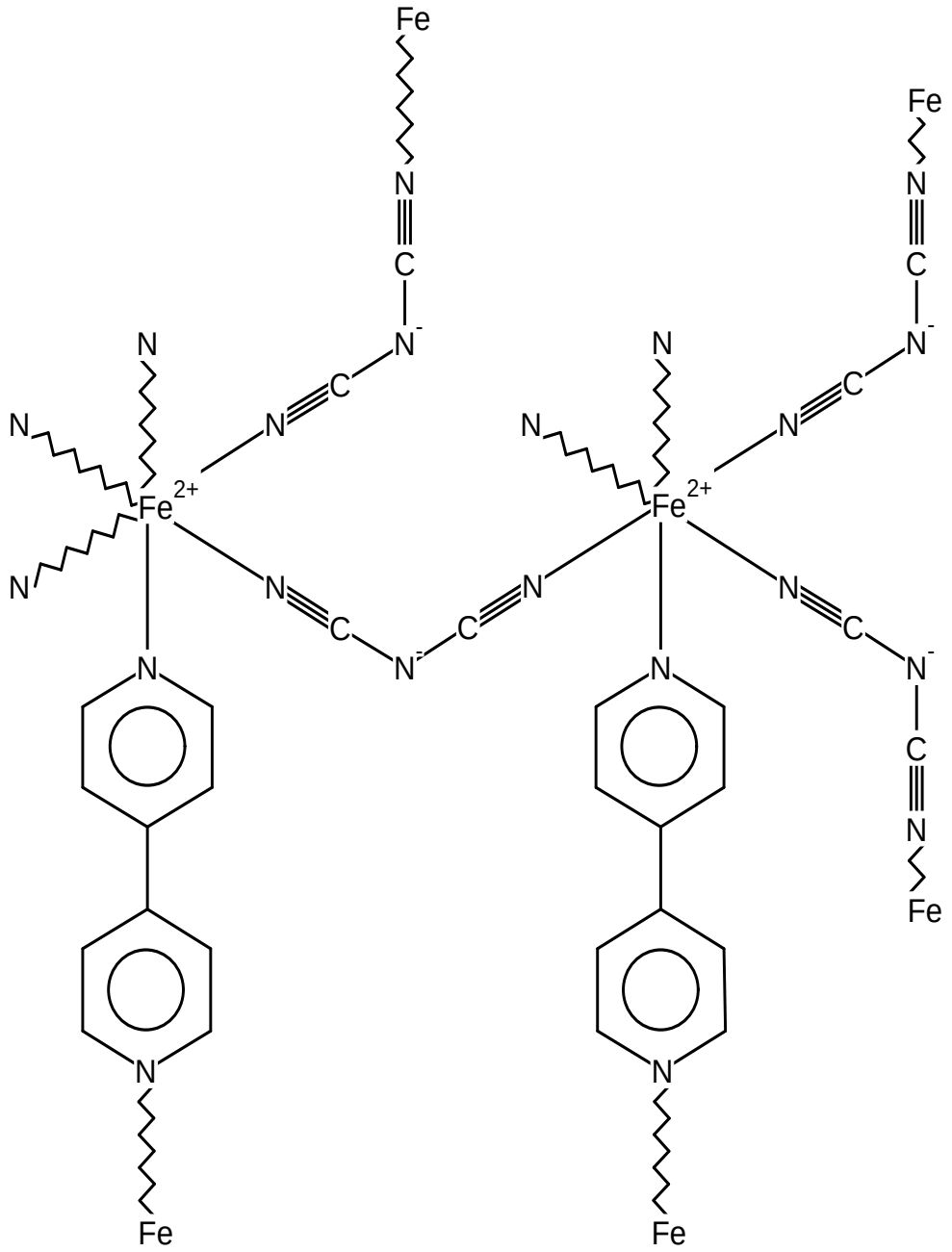
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{28}\ H_{16}\ Fe_2\ N_{16})n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-dicyanamido)-iron(ii))

Space Group:	Pn	***Cell:***	***a***	8.637(0)	***b***	16.846(0)	***c***	11.503(0)
Space Group No.:	7	***(Å,°)***	α	90.00	β	90.01(0)	γ	90.00

R-Factor (%):	3.15	***Temperature(K):***	123	***Density(g/cm^3):***	1.366



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1573

MUHJOO

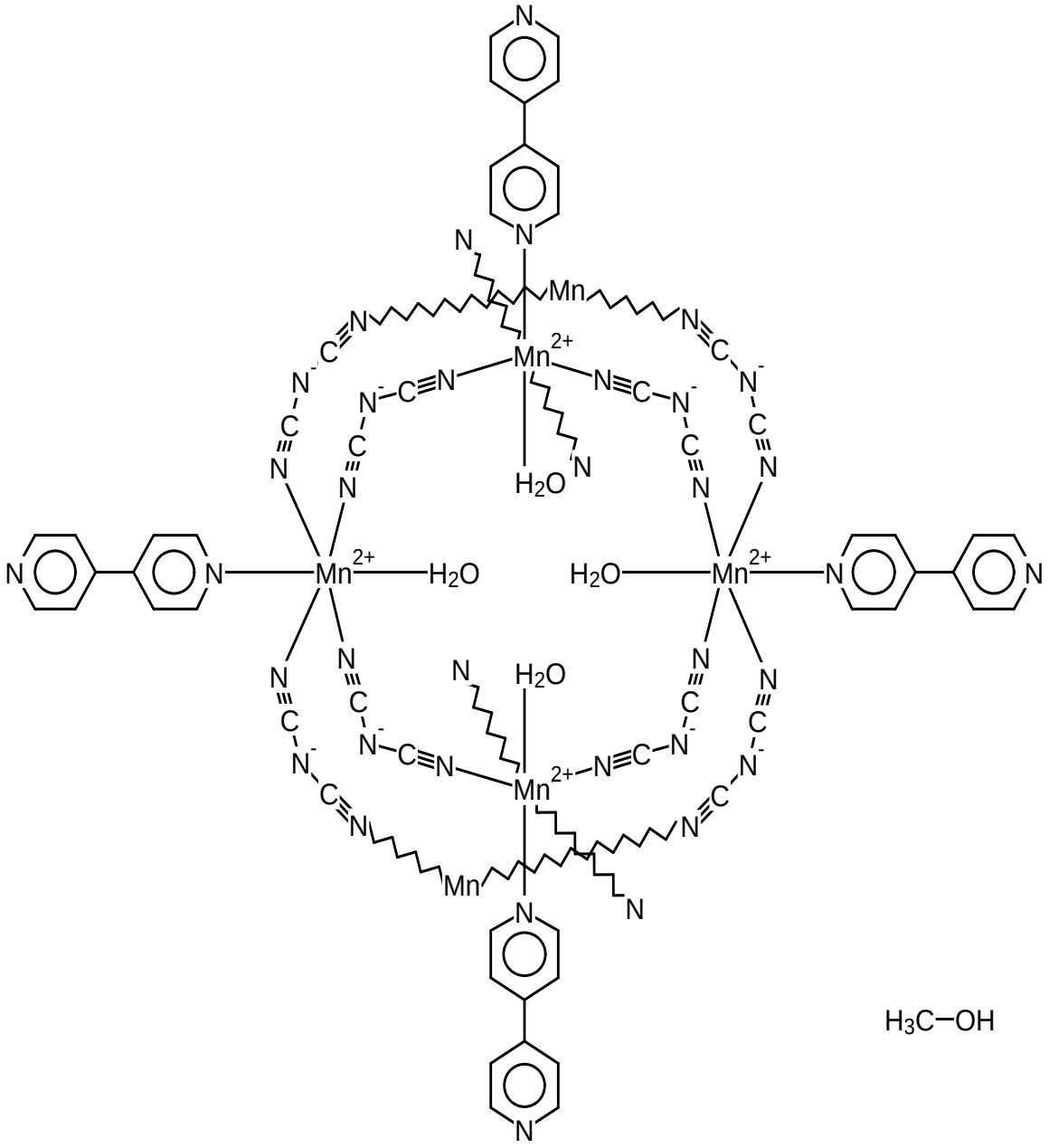
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{56}\ H_{40}\ Mn_4\ N_{32}\ O_4)n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(octakis(μ_2-Dicyanamido)-tetrakis(aqua-(4,4'-bipyridyl)-manganese(ii)) methanol solvate)

Space Group:	P41	***Cell:***	***a***	22.547(0)	***b***	22.547(0)	***c***	13.434(0)
Space Group No.:	76	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.468



Search: search1 (Thu May 26 10:05:42 2011): Hit 1574

MUHJUU

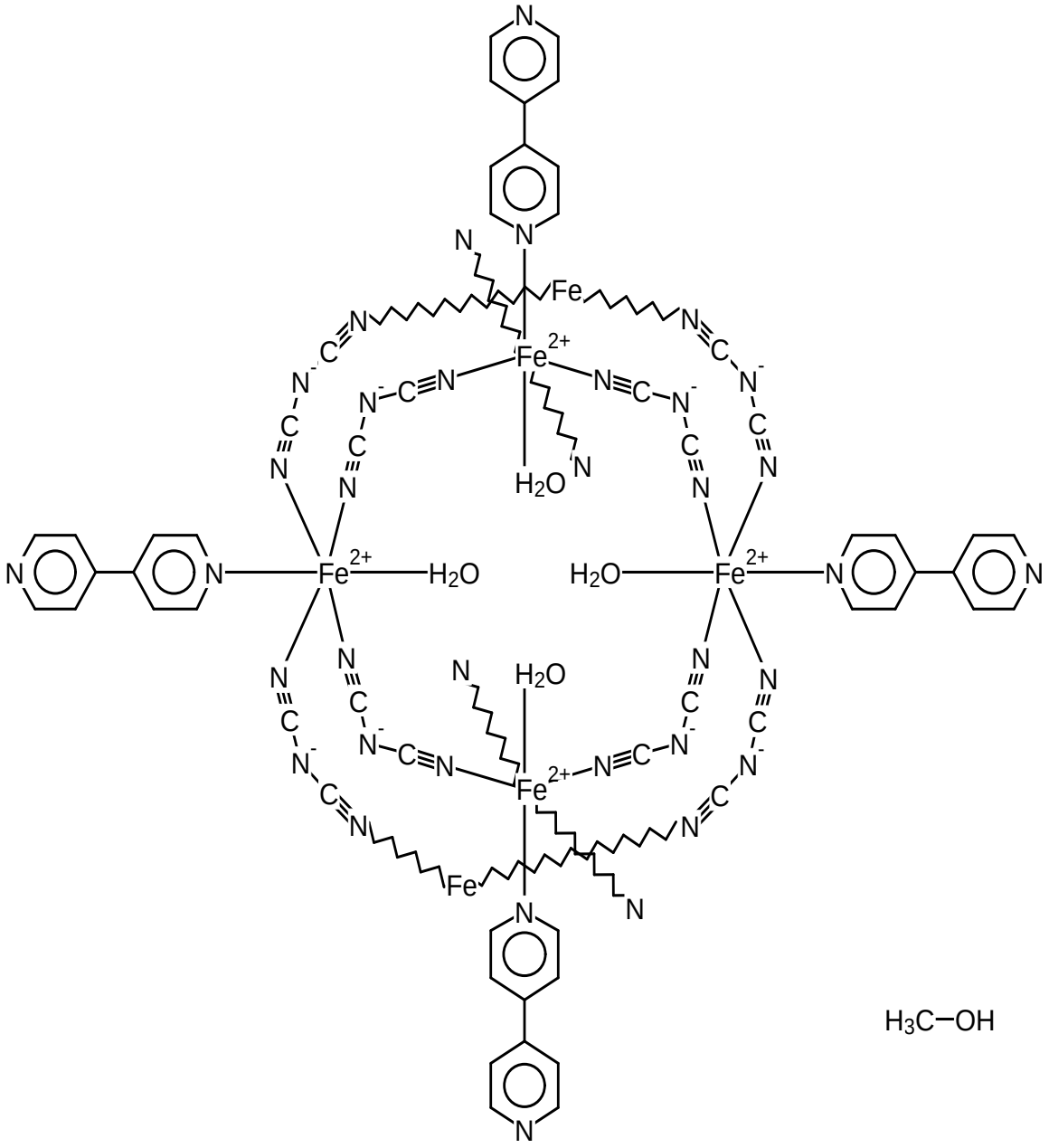
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{56}\ H_{40}\ Fe_4\ N_{32}\ O_4)n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(octakis(μ_2-Dicyanamido)-tetrakis(aqua-(4,4'-bipyridyl)-iron(ii)) methanol solvate)

Space Group:	P41	***Cell:***	***a***	22.317(0)	***b***	22.317(0)	***c*** 13.260(0)
Space Group No.:	76	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.30 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.521



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1575

MUHKAB

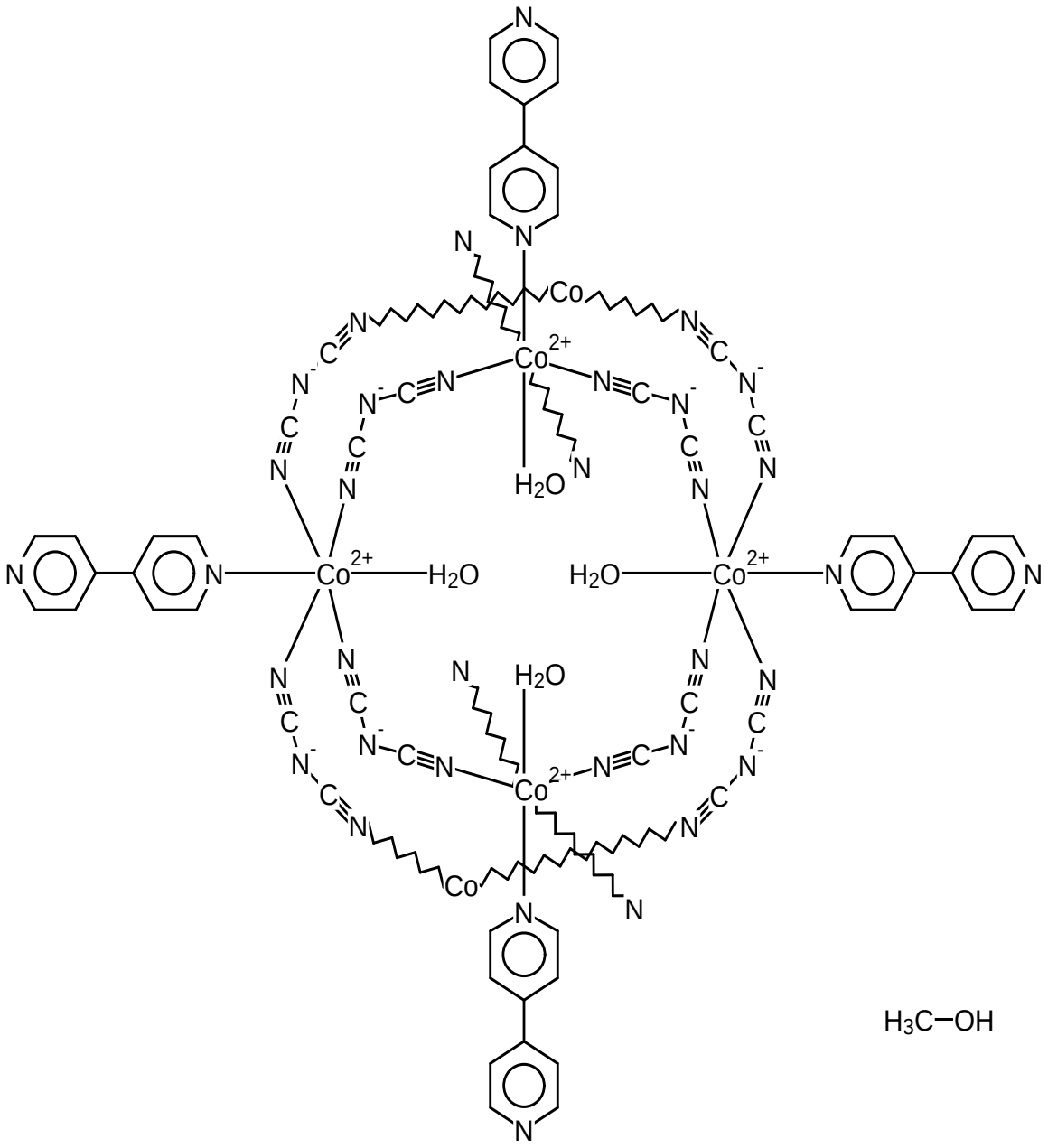
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{56}\ H_{40}\ Co_4\ N_{32}\ O_4)n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(octakis(μ_2-Dicyanamido)-tetrakis(aqua-(4,4'-bipyridyl)-cobalt(ii)) methanol solvate)

Space Group:	P41	***Cell:***	***a*** 22.225(0)	***b*** 22.225(0)	***c*** 13.158(0)
Space Group No.:	76	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 3.35 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.559



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1576

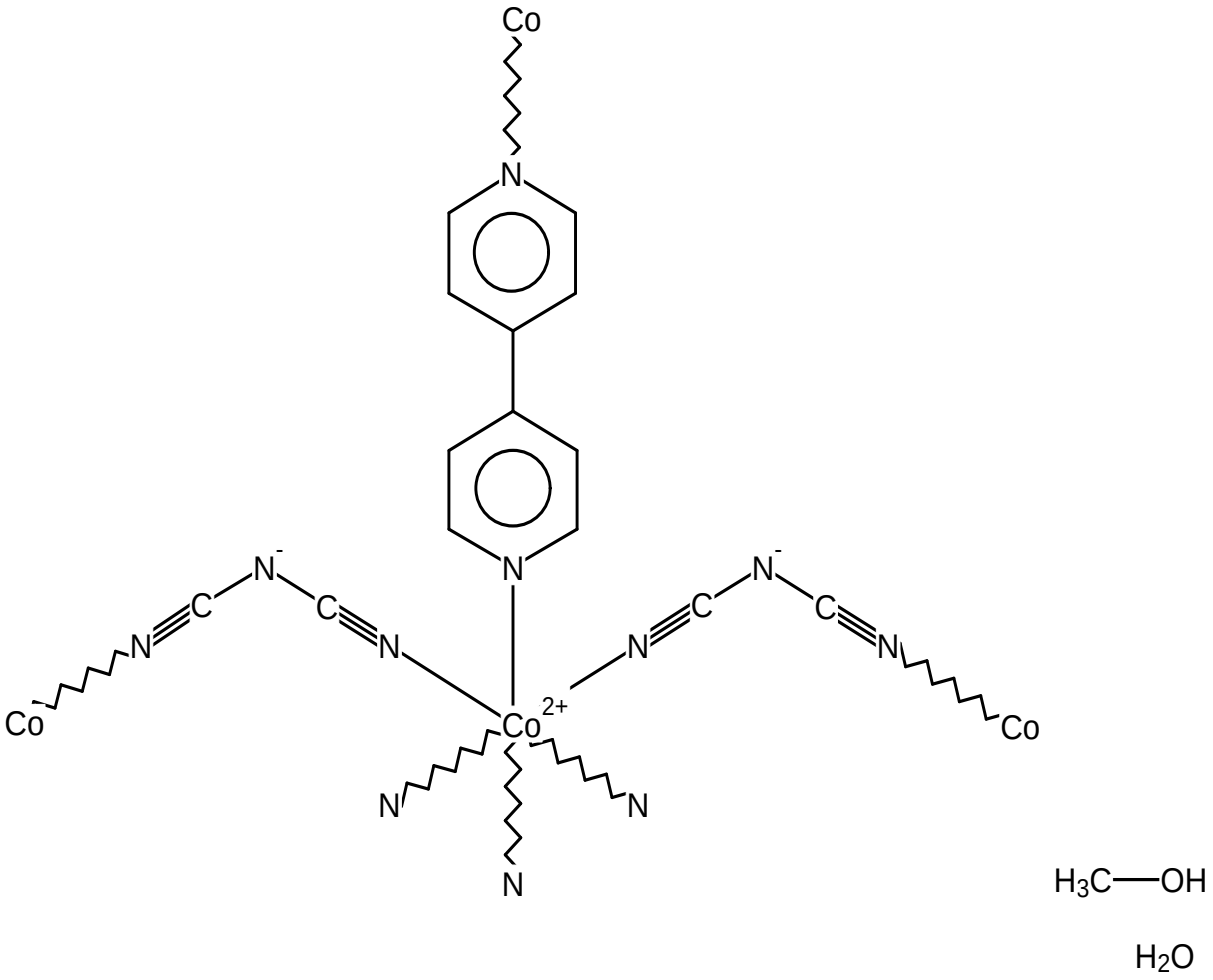
MUHKEF

Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{14}\ H_8\ Co_1\ N_8)n,0.5n(C_1\ H_4\ O_1),0.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-dicyanamido)-cobalt(ii) methanol solvate hemihydrate)

Space Group:	Pccn	***Cell:***	***a*** 11.675(0)	***b*** 19.461(0)	***c*** 7.325(0)
Space Group No.:	56	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	3.84	***Temperature(K):***	123	***Density(g/cm^3):***	1.486



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1577

MUHKIJ

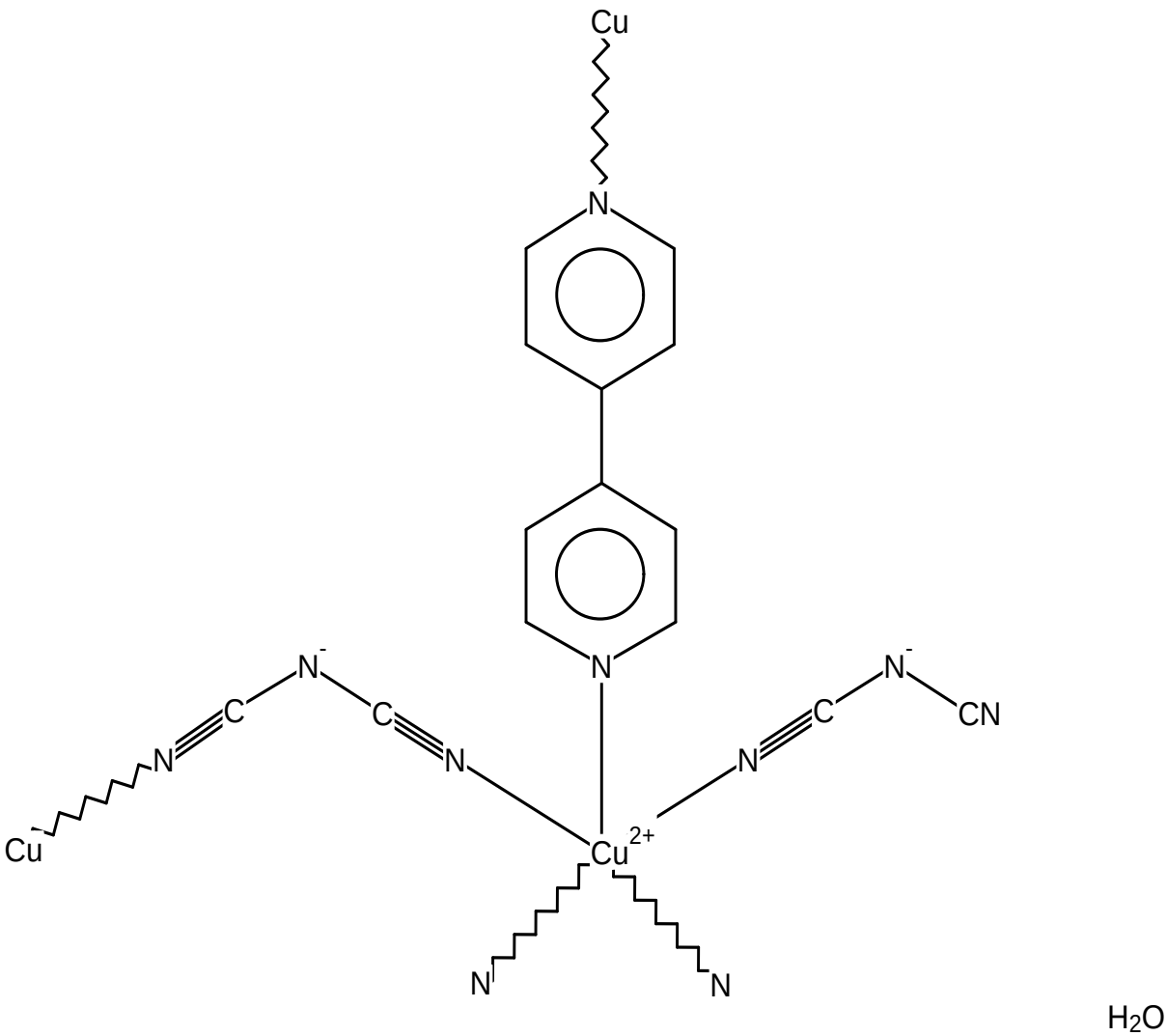
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{14}\ H_8\ Cu_1\ N_8)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-dicyanamido)-(dicyanamido)-copper(ii) monohydrate)

Space Group:	Pna21	***Cell:***	***a***	7.389(0)	***b***	11.961(0)	***c*** 18.768(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.58 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.481



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1578

MUHKOP

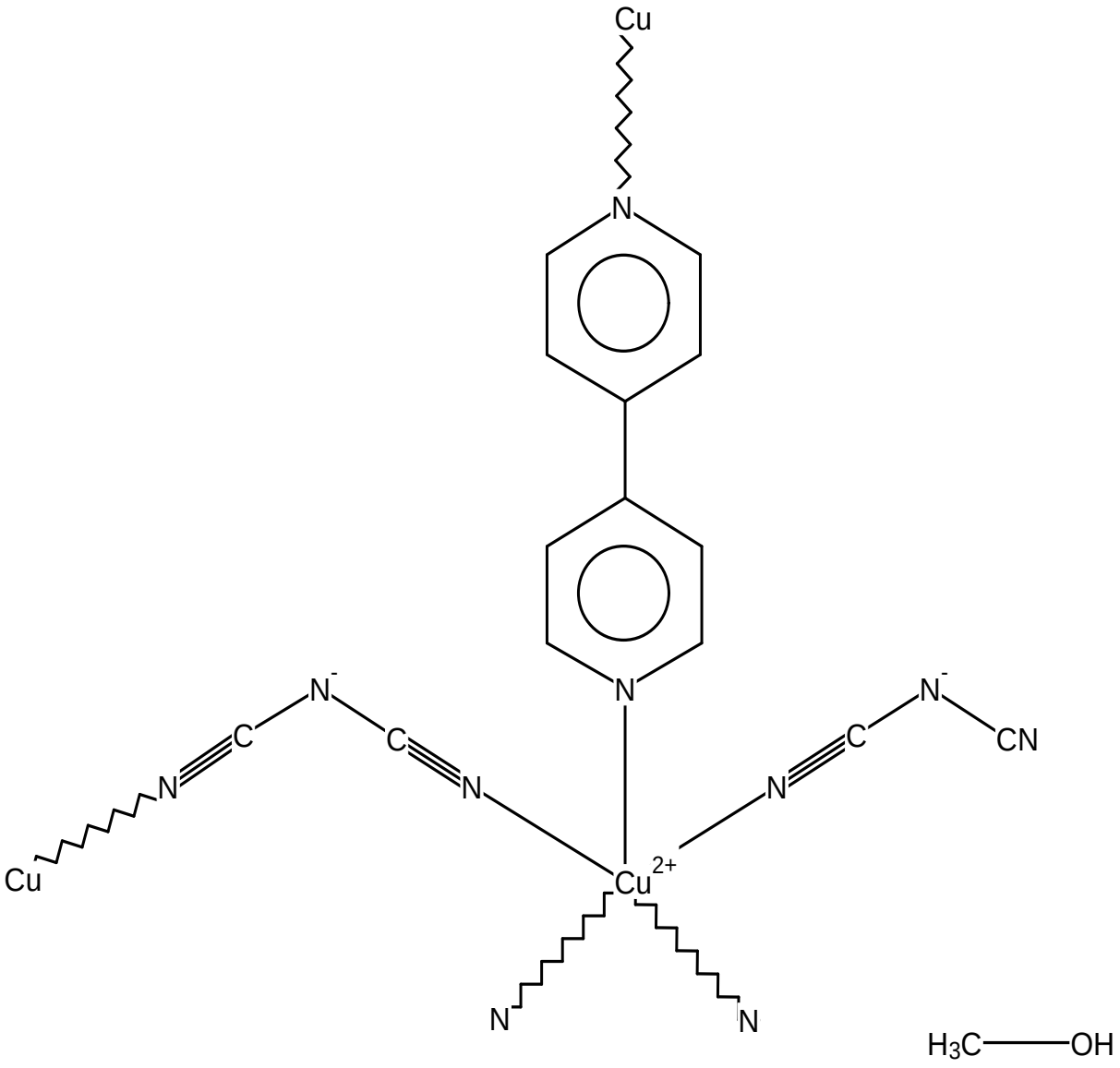
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{14}\ H_8\ Cu_1\ N_8)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-(μ_2-dicyanamido)-(dicyanamido)-copper(ii) methanol solvate)

Space Group:	P21/c	***Cell:***	***a***	8.625(0)	***b***	12.578(0)	***c*** 14.896(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.42(0)	γ 90.00

R-Factor (%): 3.25 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.581



Search: search1 (Thu May 26 10:05:42 2011): Hit 1579

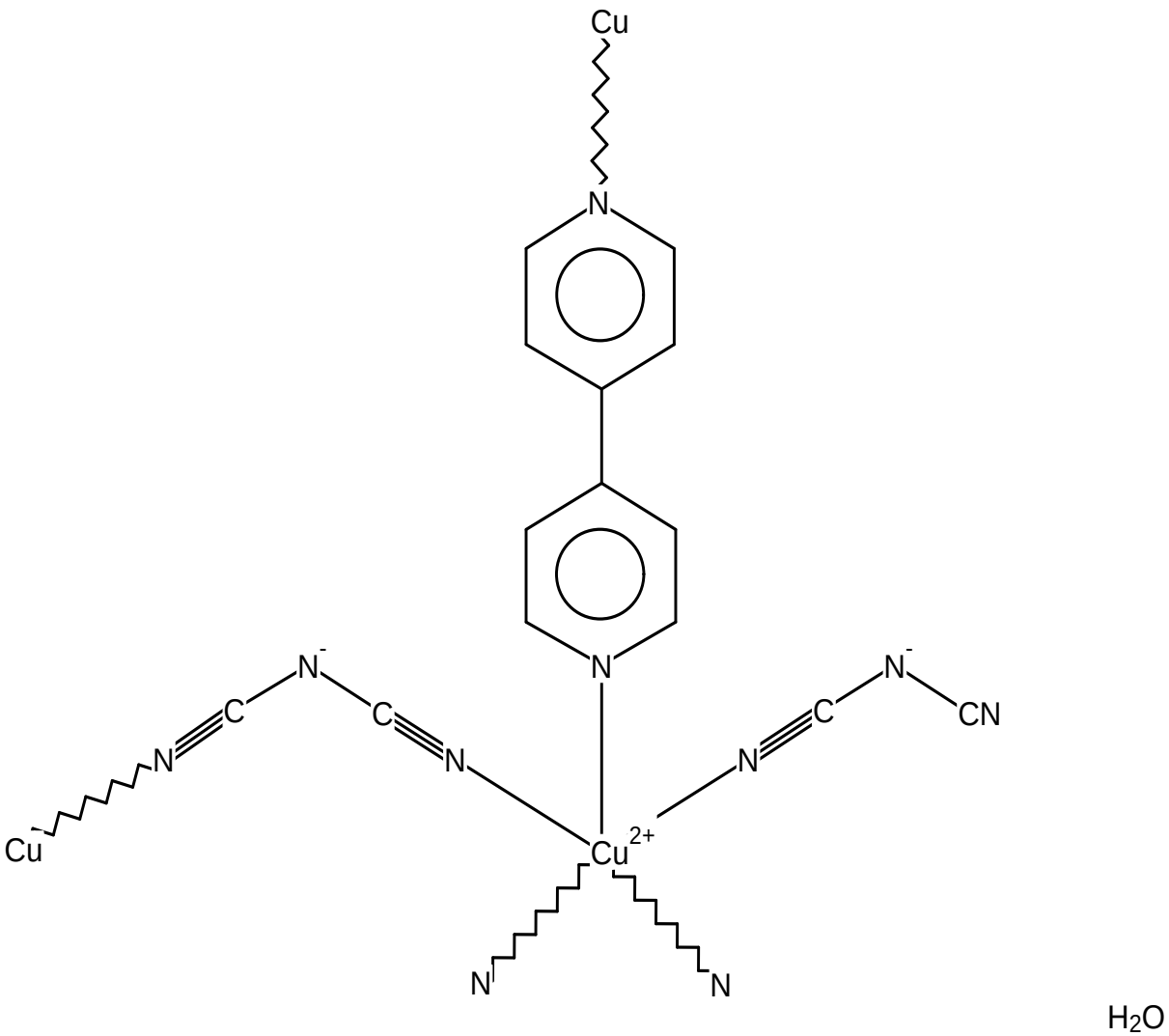
MUHKUV

Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{14}\ H_8\ Cu_1\ N_8)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-dicyanamido)-(dicyanamido)-copper(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	8.371(0)	***b***	13.069(0)	***c*** 15.003(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.03(0)	γ 90.00
R-Factor (%):	4.50	***Temperature(K):***	173		***Density(g/cm^3):***		1.570



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1580

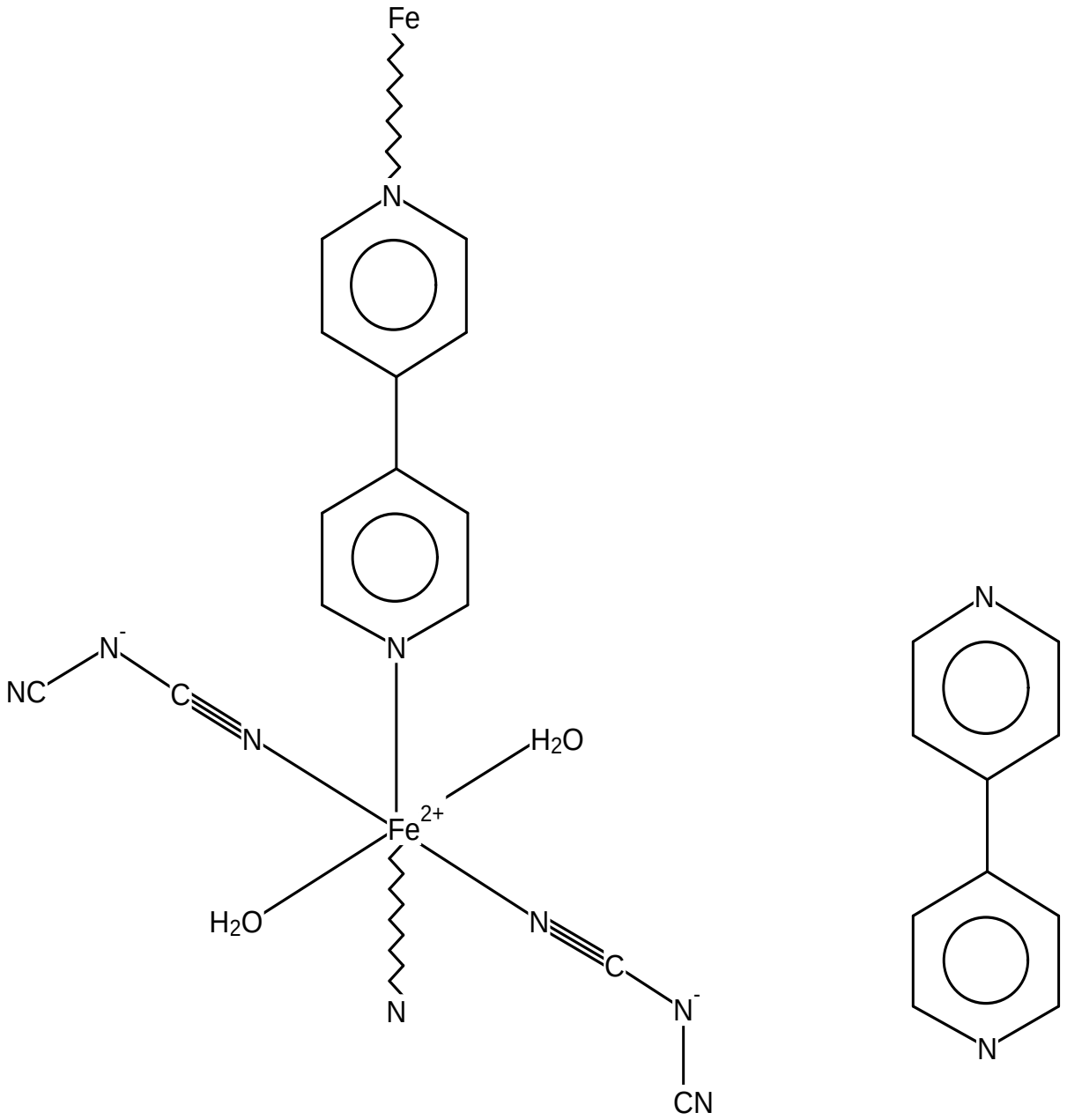
MUHLAC

Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{14}\ H_{12}\ Fe_1\ N_8\ O_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(dicyanamido)-diaqua-iron(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	8.136(0)	***b***	8.693(0)	***c*** 9.730(0)
Space Group No.:	2	***(Å,°)***	α	102.53(0)	β	107.80(0)	γ 97.42(0)
R-Factor (%):	3.18	***Temperature(K):***	123	***Density(g/cm^3):***	1.424		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1581

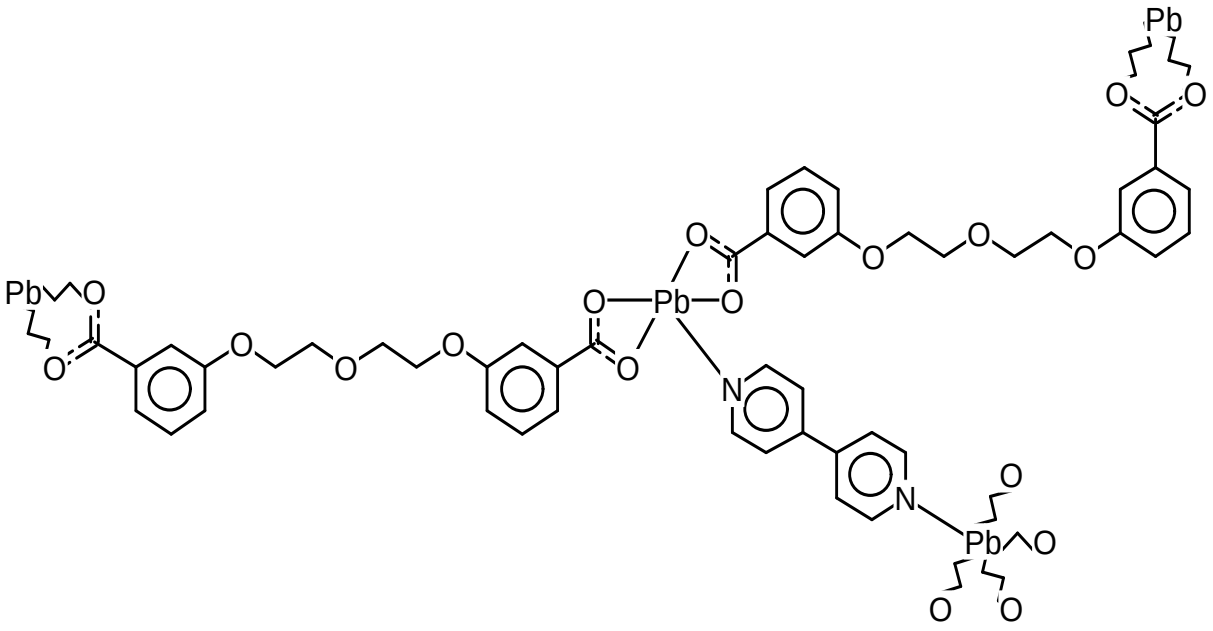
MUHVOB

Reference: You-Yun Jiang, Shu-Kui Ren, Jian-Ping Ma, Qi-Kui Liu, Yu-Bin Dong (2009) *Chem.-Eur.J.* ,**15,**10742

Formula: $(C_{46}\ H_{40}\ N_2\ O_{14}\ Pb_2)n$

Compound Name: catena-[bis(μ_2-1,4,7-Trioxapentane-1,7-diylbis(3-benzoato))-(μ_2-4,4'-bipyridyl)-di-lead(ii)]

Space Group:	P21/c	***Cell:***	***a***	12.279(0)	***b***	24.880(0)	***c*** 6.975(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.51(0)	γ 90.00
R-Factor (%):	3.81	***Temperature(K):***	298		***Density(g/cm^3):***	1.975	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1582

MUHVOB01

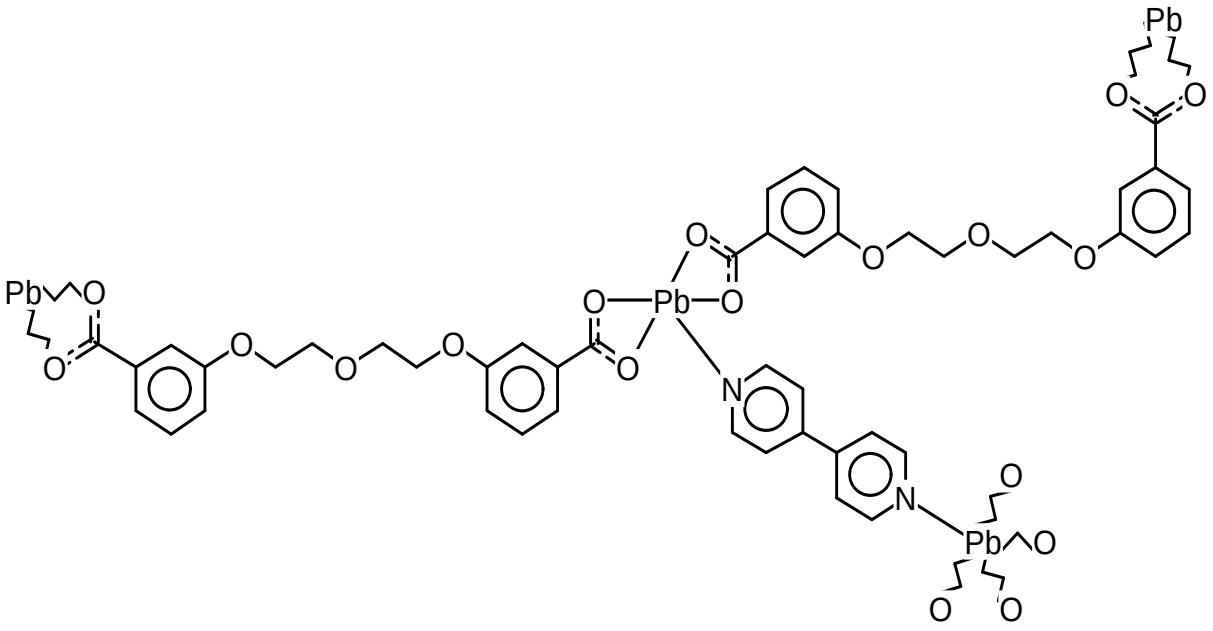
Reference: You-Yun Jiang, Shu-Kui Ren, Jian-Ping Ma, Qi-Kui Liu, Yu-Bin Dong (2009) *Chem.-Eur.J.* ,**15,**10742

Formula: $(C_{46}\ H_{40}\ N_2\ O_{14}\ Pb_2)n$

Compound Name: catena-[bis(μ_2-1,4,7-Trioxapentane-1,7-diylbis(3-benzoato))-(μ_2-4,4'-bipyridine radical)-di-lead(ii)]

Space Group:	P21/c	***Cell:***	***a***	12.263(16)	***b***	24.960(30)	***c***	6.987(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.68(1)	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.969



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1583

MUNXEY

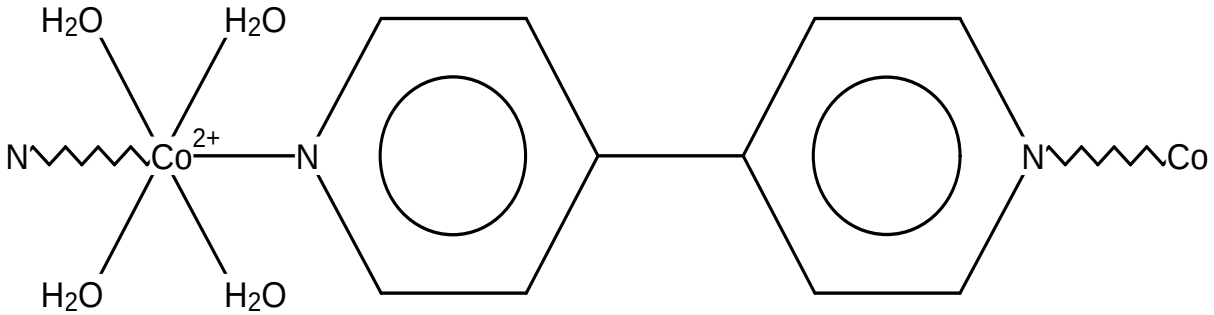
Reference: Yonghui Wang, Liyun Feng, Yangguang Li, Changwen Hu, Enbo Wang, Ninghai Hu, Hengqing Jia (2002) *Inorg.Chem.* ,**41,**6351

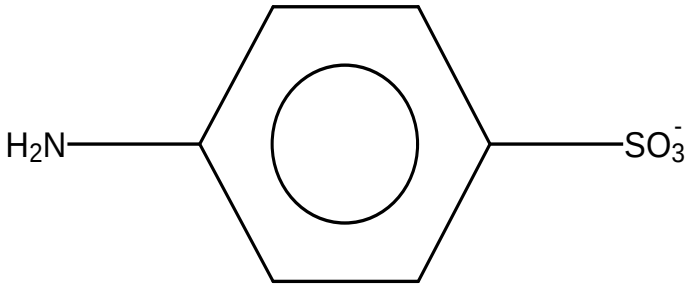
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(C_6\ H_6\ N_1\ O_3\ S_1\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) bis(4-aminobenzenesulfonate) monohydrate)

Space Group:	P21	***Cell:***	***a*** 11.380(2)	***b*** 8.027(1)	***c*** 15.670(3)
Space Group No.:	4	***(Å,°)***	α 90.00	β 92.82(3)	γ 90.00

R-Factor (%):	8.14	***Temperature(K):***	293	***Density(g/cm^3):***	1.509





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1584

MUNXIC

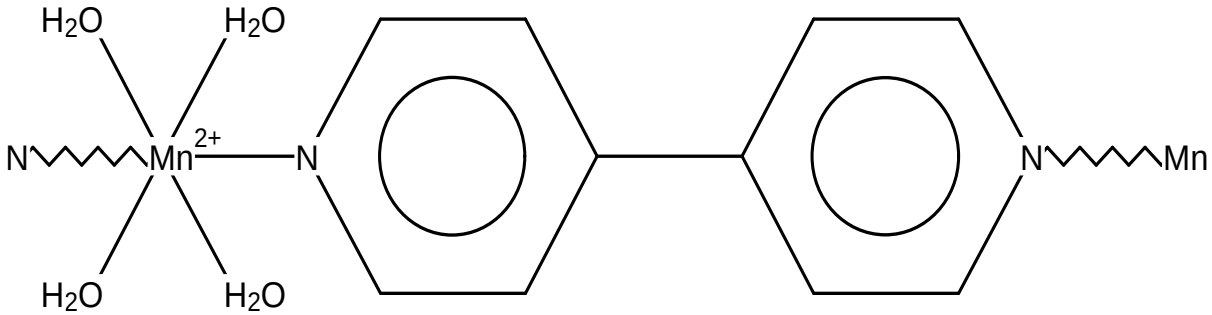
Reference: Yonghui Wang, Liyun Feng, Yangguang Li, Changwen Hu, Enbo Wang, Ninghai Hu, Hengqing Jia (2002) *Inorg.Chem.* ,**41,**6351

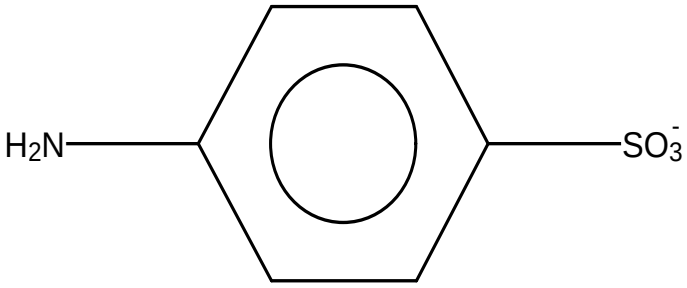
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,2n(C_6\ H_6\ N_1\ O_3\ S_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-manganese(ii) bis(4-aminobenzenesulfonate) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	15.083(1)	***b***	8.289(0)	***c*** 23.223(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.19(0)	γ 90.00

R-Factor (%): 5.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.524





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1585

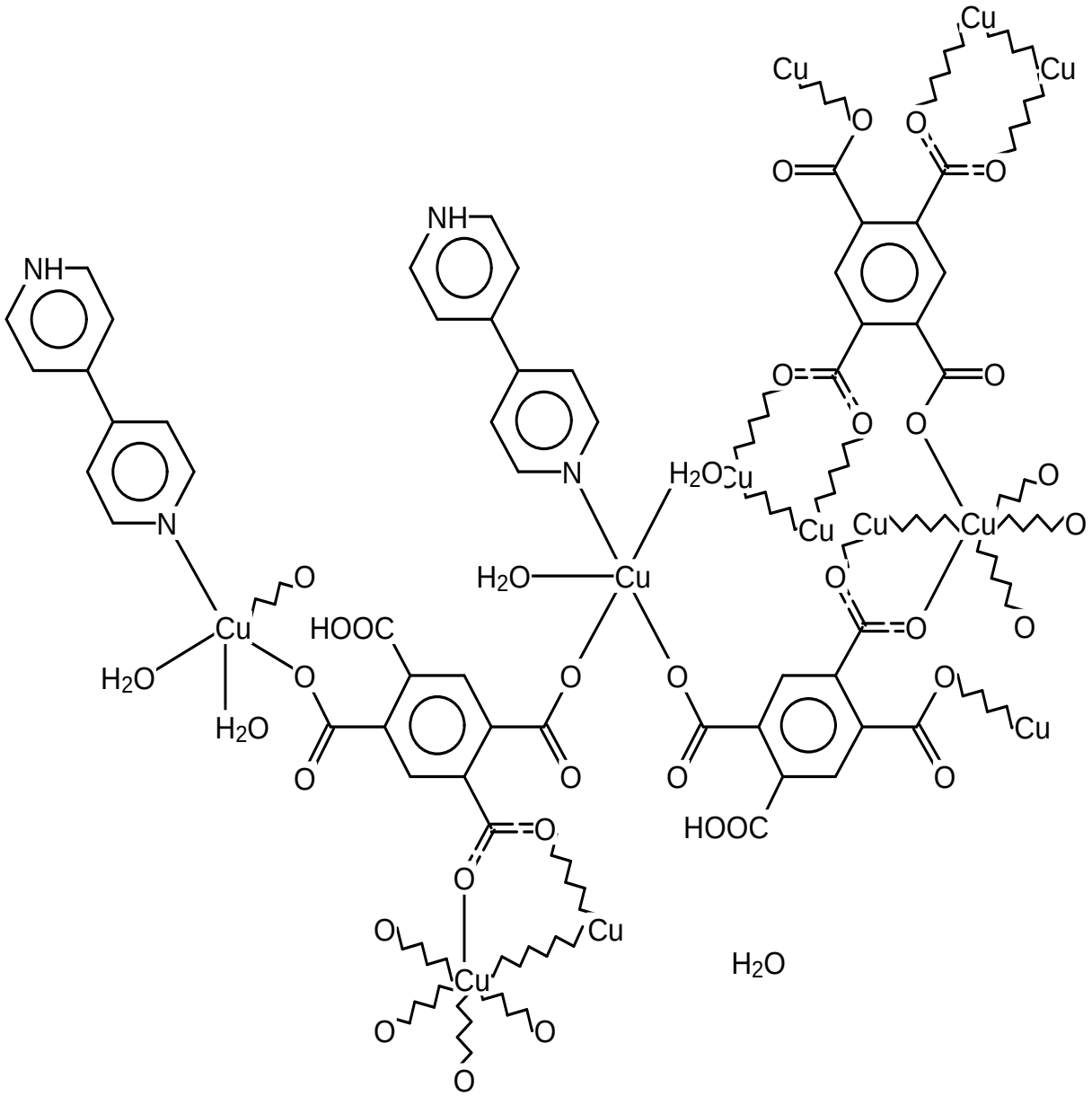
MURBUW

Reference: Rong Cao, Qian Shi, Daofeng Sun, Maochun Hong, Wenghua Bi, Yingjun Zhao (2002) *Inorg.Chem. ,***41,**6161

Formula: $(C_{50}\ H_{34}\ Cu_4\ N_4\ O_{28})n,4n(H_2\ O_1)$

Compound Name: catena-((μ_6-Benzene-1,2,4,5-tetracarboxylato)-bis(μ_4-benzene-1,2,4-tricarboxylato-5-carboxylic acid)-bis(4,4'-bipyridinium)-tetra-aqua-tetra-copper(ii) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.853(0)	***b***	9.867(0)	***c*** 17.857(1)
Space Group No.:	2	***(Å,°)***	α	102.00(0)	β	93.83(0)	γ 105.41(0)
R-Factor (%):	5.67	***Temperature(K):***	293		***Density(g/cm^3):***		1.880



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1586

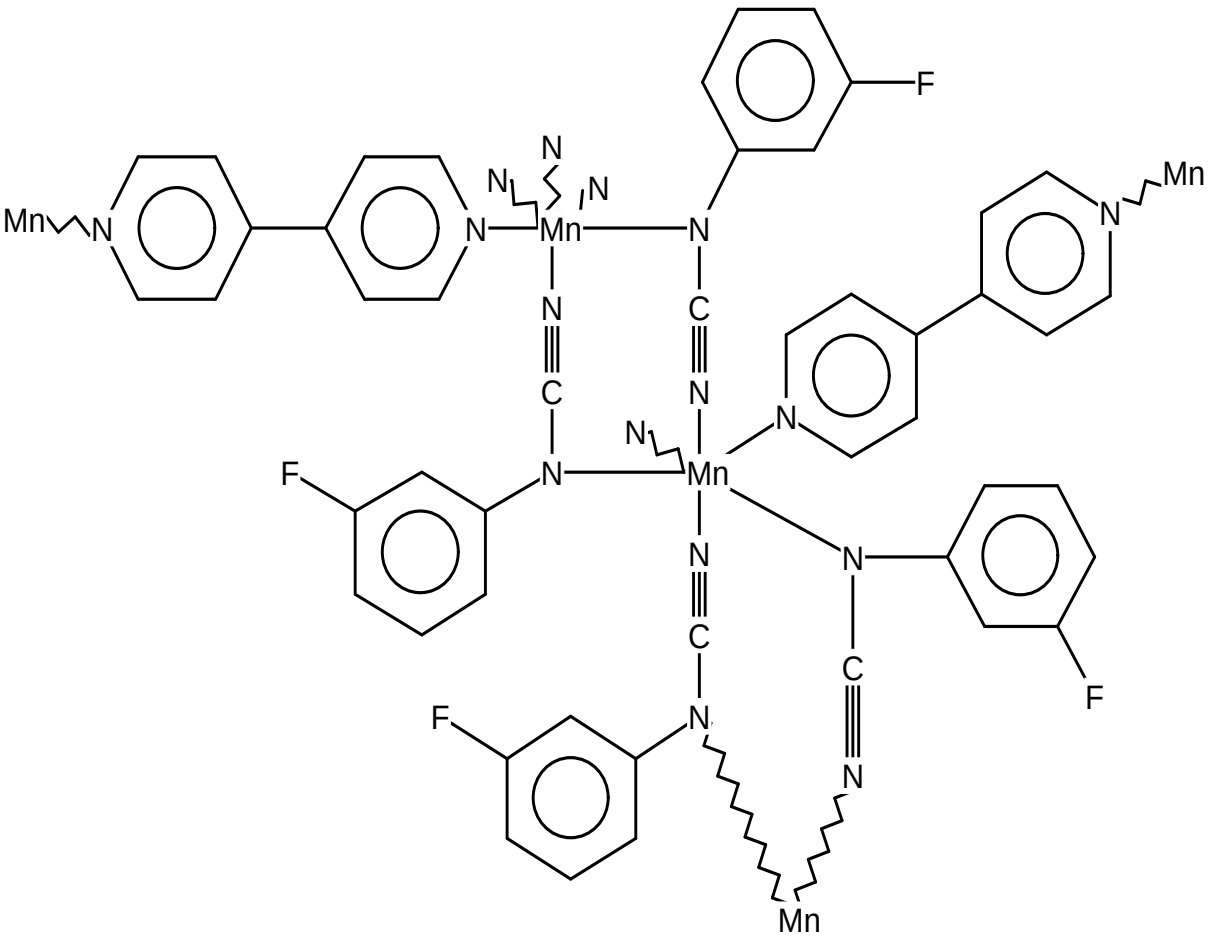
MUTJEQ

Reference: A.Escuer, N.Sanz, R.Vicente, F.A.Mautner (2003) *Inorg.Chem. ,**42,***541

Formula: $(C_{48}\ H_{32}\ F_4\ Mn_2\ N_{12})n$

Compound Name: catena-(tetrakis(μ_2-3-Fluorophenylcyanamido)-bis(μ_2-4,4'-bipyridyl)-di-manganese)

Space Group:	C2	***Cell:***	***a***	17.276(9)	***b***	11.599(6)	***c*** 10.646(6)
Space Group No.:	5	***(Å,°)***	α	90.00	β	103.35(3)	γ 90.00
R-Factor (%):	4.73	***Temperature(K):***	88	***Density(g/cm^3):***	1.540		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1587

MUWMIA

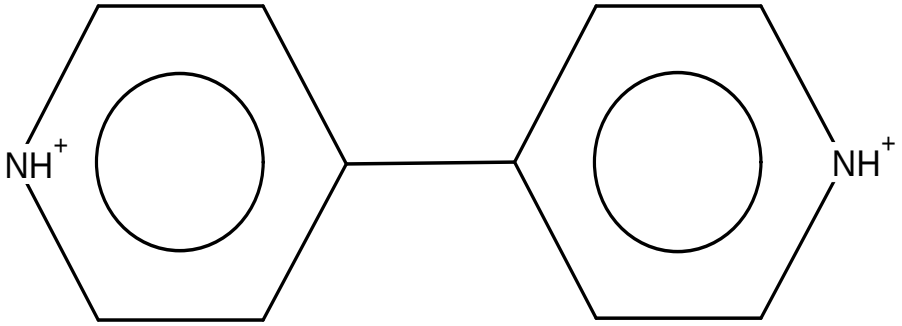
Reference: M.Kawahara, K.Teshima, M.Rikukawa, K.Sanui (2001) *Synth.Met.* ,**121,**1331

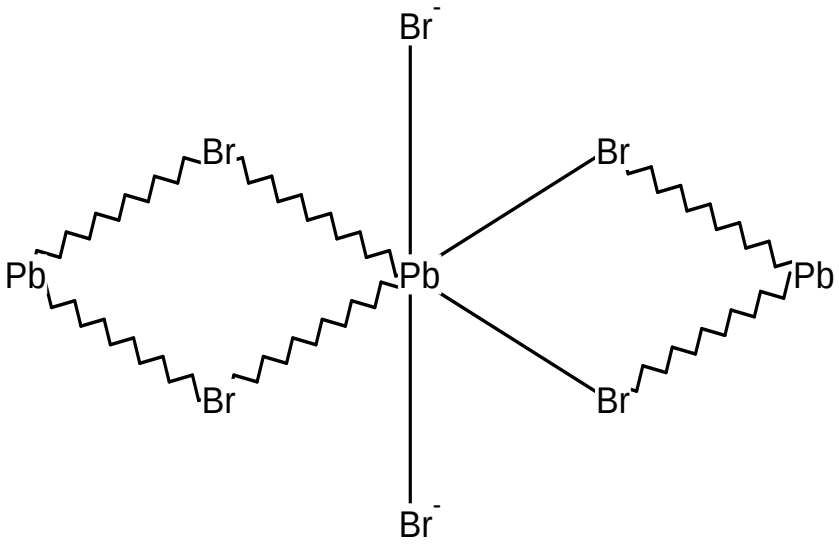
Formula: $(Br_4\ Pb_1\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4-Bipyridinium bis(μ_2-bromo)-dibromo-lead(ii))

Space Group:	P21	***Cell:***	***a***	16.420(3)	***b*** 13.509(2)	***c***	7.607(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β 116.01(2)	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 3.000





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1588

MUWMIA01

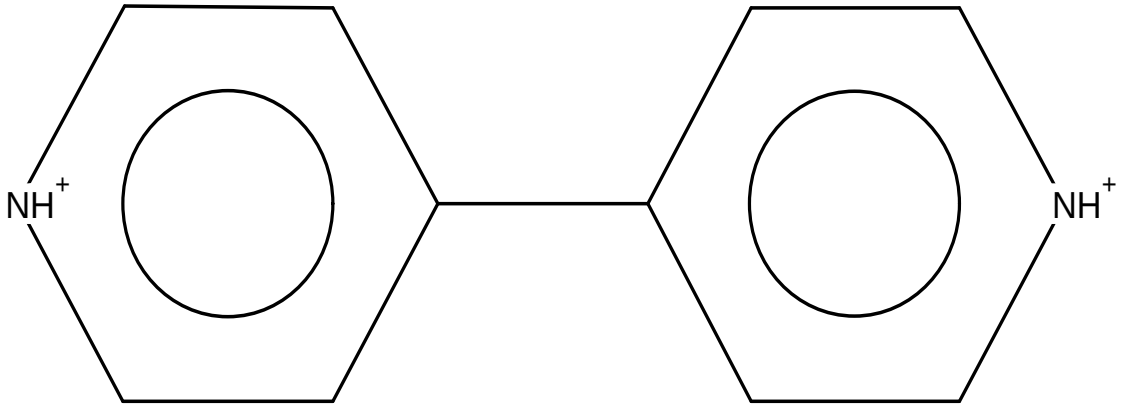
Reference: M.Kawahara, K.Teshima, M.Rikukawa, K.Sanui (2002)
Mol.Cryst.Liq.Cryst.Sci.Technol.,Sect.A ,**376,**77

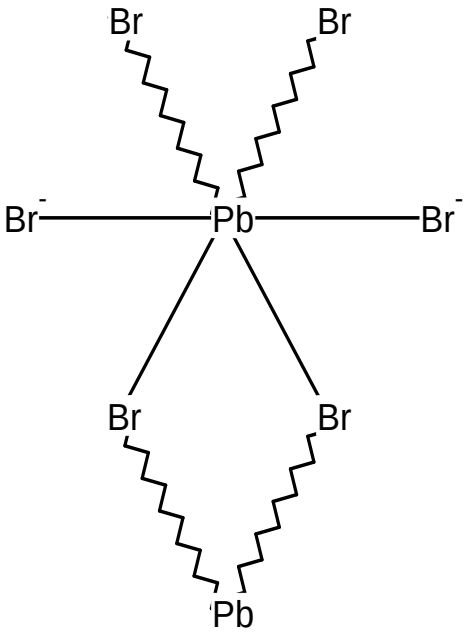
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Br_4\ Pb_1\ ^{2-})$

Compound Name: catena-(bipyridinium bis(μ_2-bromo)-dibromo-lead)

Space Group:	P21	***Cell:***	***a***	16.512	***b*** 13.513	***c***	7.638
Space Group No.:	4	***(Å,°)***	α	90.00	β 116.07	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.486





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1589

MUXBUC

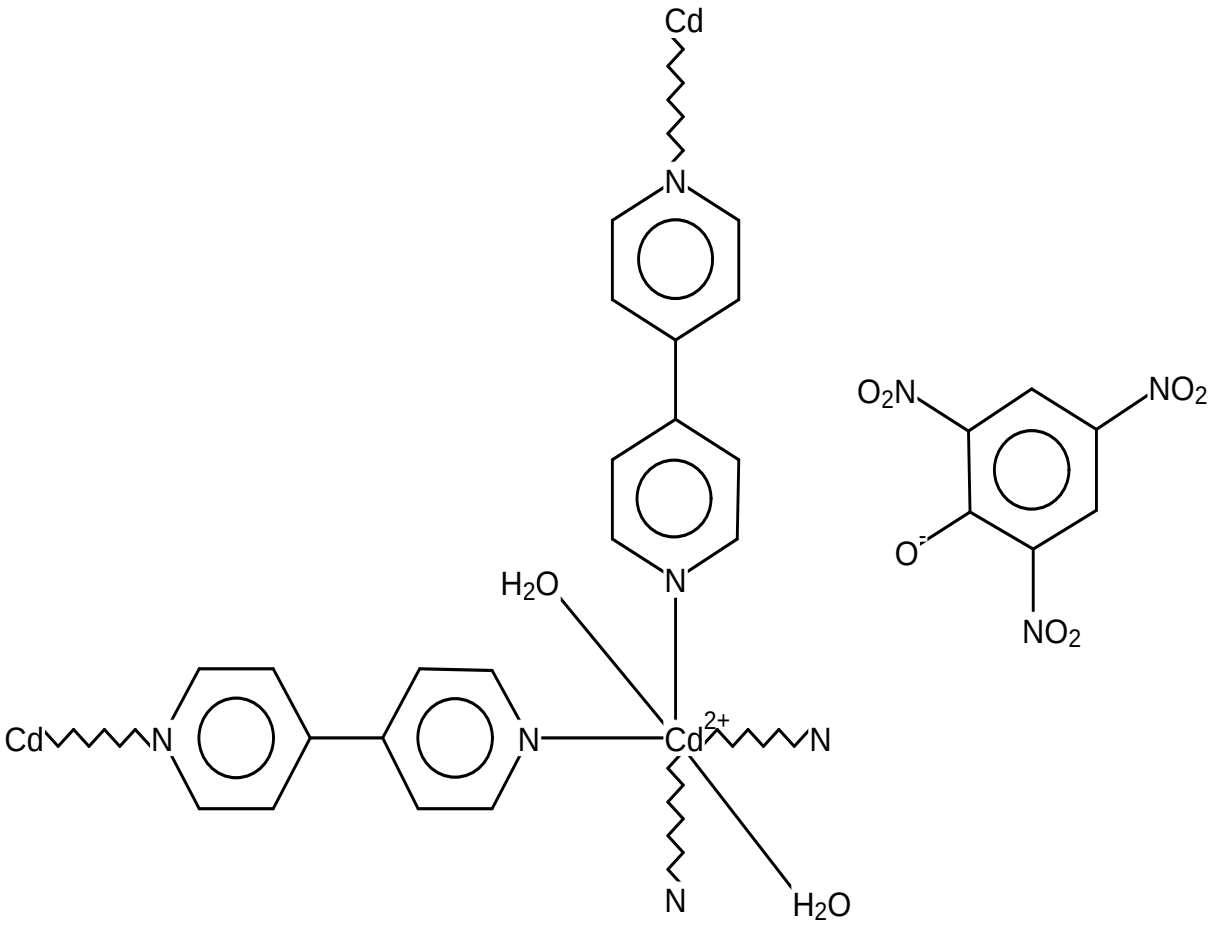
Reference: Fu Pei Liang, Zi Lu Chen, Rui Xiang Hu, Hong Liang, Zhao Hui Zhou (2000) *Chin.Chem.Lett. ,***11,**369

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(C_6\ H_2\ N_3\ O_7\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-cadmium(ii) dipicrate clathrate)

Space Group:	C2/c	***Cell:***	***a***	16.551(2)	***b*** 16.782(2)	***c***	14.689(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.47(1)	γ	90.00

R-Factor (%): 4.76 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.698



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1590

MUXJIY

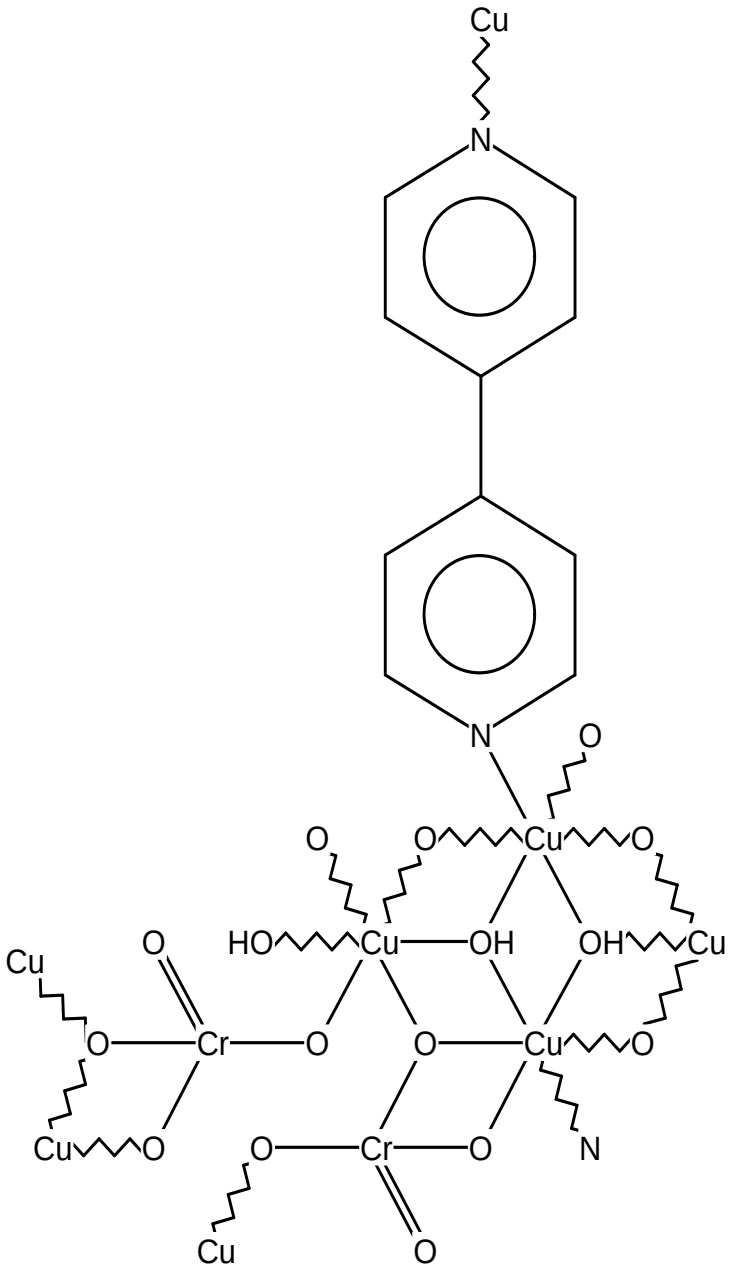
Reference: Long Pan, Xiaoying Huang, Jing Li (2001)
Mat.Res.Soc.Symp.Proc. ,**658,**17

Formula: $(C_{10}\ H_{10}\ Cr_2\ Cu_3\ N_2\ O_{10})n$

Compound Name: catena-[bis(μ_3-Hydroxo)-bis(μ_3-oxo)-(μ_2-4,4'-bipyridine)-tetrakis(μ_2-oxo)-dioxo-tri-copper(ii)-di-chromium]

Space Group:	P-1	***Cell:***	***a***	5.358(1)	***b***	5.603(1)	***c***	13.515(3)
Space Group No.:	2	***(Å,°)***	α	81.78(3)	β	86.56(3)	γ	79.75(3)

R-Factor (%):	5.84	***Temperature(K):***	293	***Density(g/cm^3):***	2.577



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1591

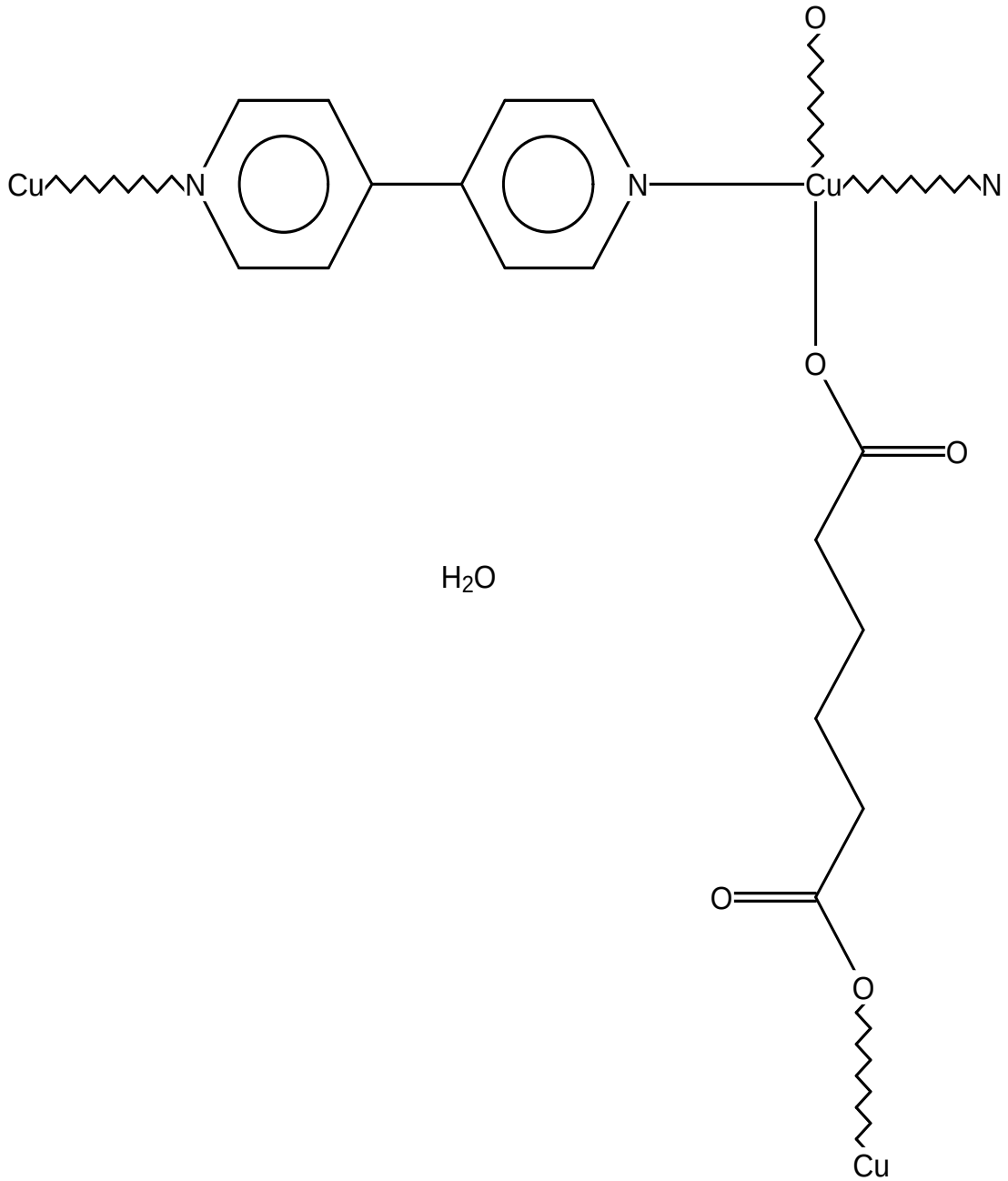
NABMUZ

Reference: La-Sheng Long, Yan-Rong Wu, Rong-Bin Huang, Lan-Sun Zheng (2004) *Inorg.Chem.* ,**43,**3798

Formula: $(C_{16}\ H_{16}\ Cu_1\ N_2\ O_4)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-Adipato-O,O')-(μ_2-4,4'-bipyridyl)-copper(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.611(6)	***b***	9.674(6)	***c*** 10.878(7)
Space Group No.:	2	***(Å,°)***	α	107.11(1)	β	114.99(0)	γ 96.00(1)
R-Factor (%):	5.07	***Temperature(K):***	173		***Density(g/cm^3):***		1.572



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1592

NACNOV

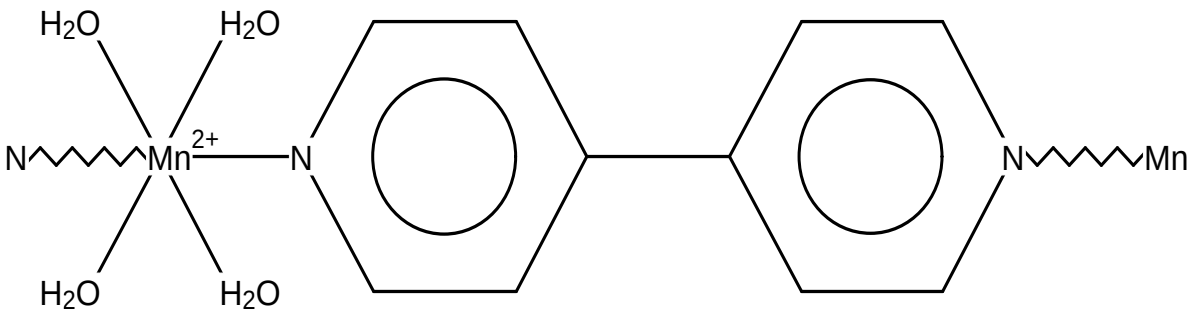
Reference: Er-Bo Ying, Yue-Qing Zheng, Hong-Jie Zhang (2004) *J.Coord.Chem.* ,**57,**459

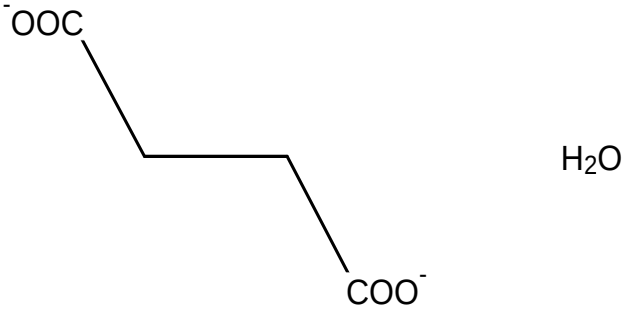
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetraaqua-manganese(ii) succinate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.235(1)	***b***	7.749(1)	***c*** 10.020(2)
Space Group No.:	2	***(Å,°)***	α	79.95(3)	β	88.79(3)	γ 71.39(3)

R-Factor (%): 3.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.494





Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1593

NACNOV01

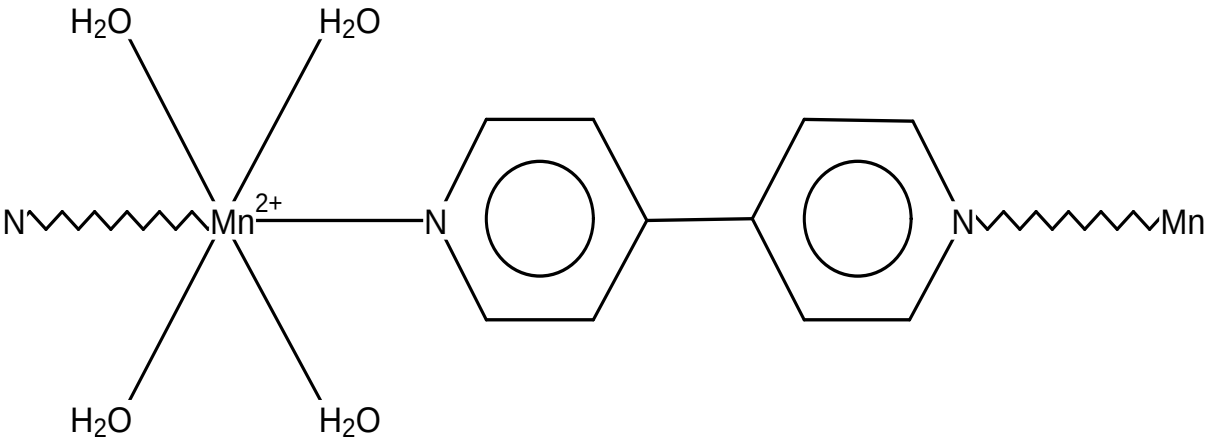
Reference: Xinxin Xu, Ying Ma, Enbo Wang (2007)
*J.Solid State Chem. ,***180,**3136

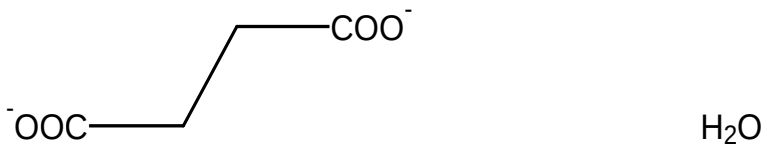
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-bipyridine)-tetra-aqua-manganese(ii) succinate tetrahydrate)

Space Group:	P-1	***Cell:***	***a*** 7.143(1)	***b*** 7.942(1)	***c*** 9.960(2)
Space Group No.:	2	***(Å,°)***	α 79.61(3)	β 86.83(3)	γ 72.54(3)

R-Factor (%): 4.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.476





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1594

NACNUB

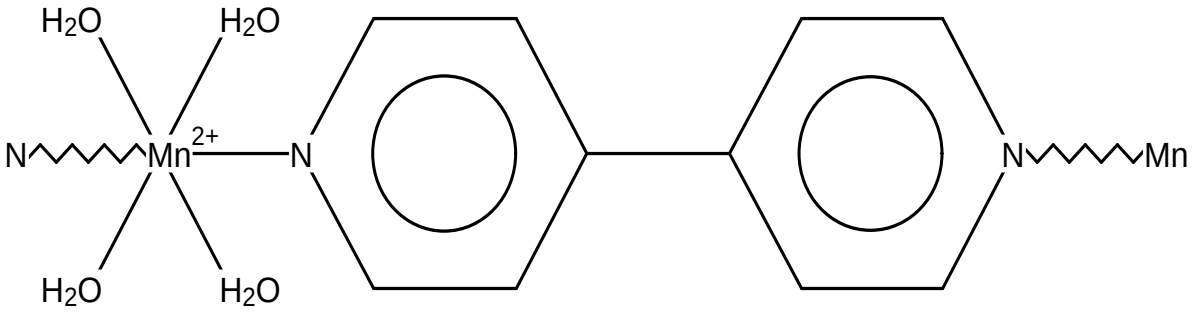
Reference: Er-Bo Ying, Yue-Qing Zheng, Hong-Jie Zhang (2004) *J.Coord.Chem.* ,**57,**459

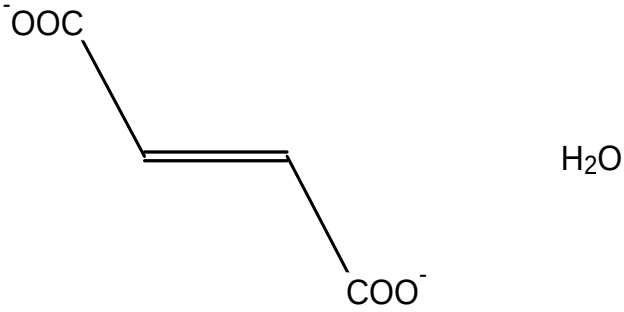
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetraaqua-manganese(ii) fumarate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.127(1)	***b***	7.800(1)	***c*** 9.945(2)
Space Group No.:	2	***(Å,°)***	α	80.26(3)	β	87.86(3)	γ 72.69(3)

R-Factor (%): 2.96 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.498





Search: search1 (Thu May 26 10:05:42 2011): Hit 1595

NACYOG

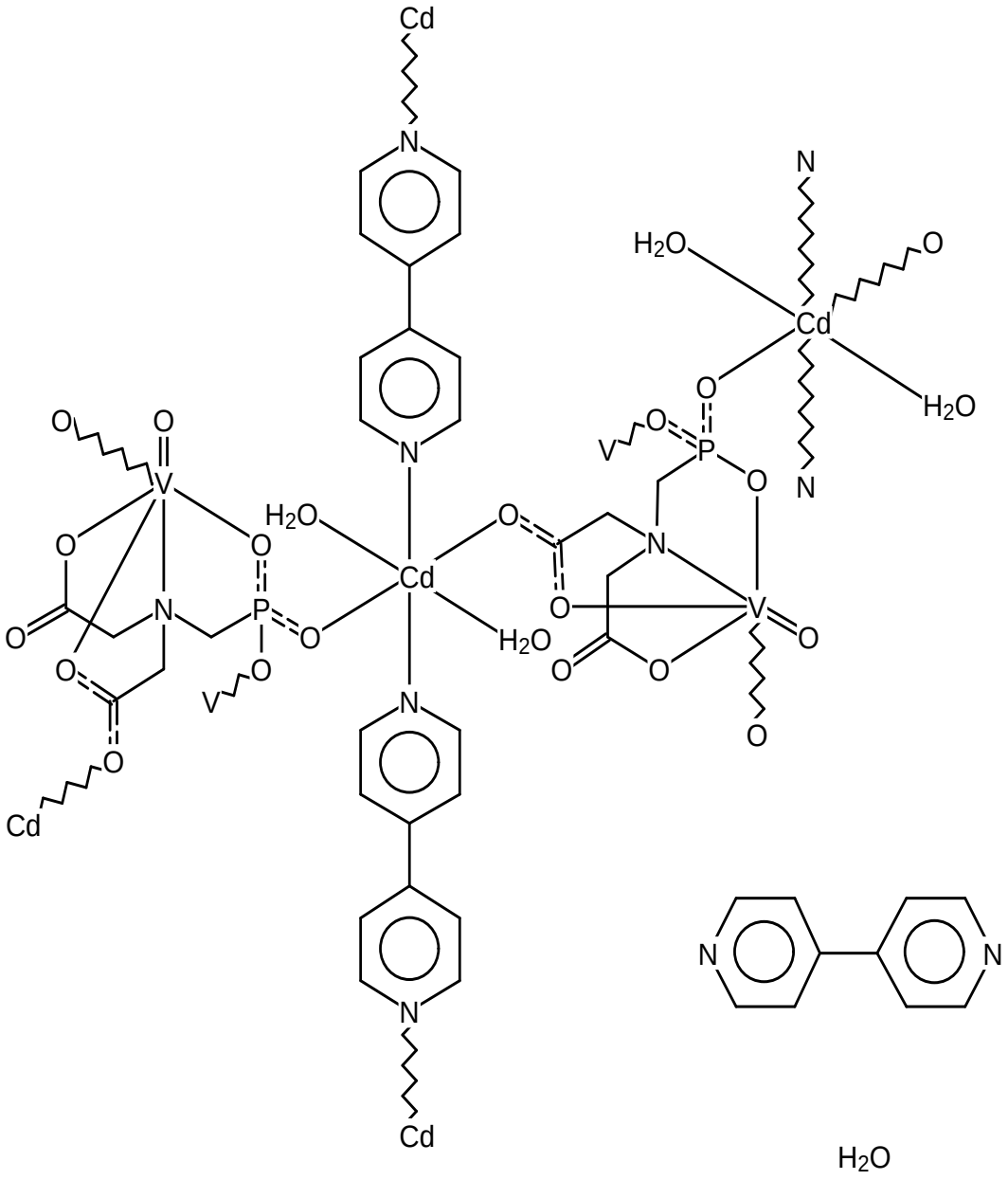
Reference: F.A.A.Paz, Fa-Nian Shi, J.Klinowski, J.Rocha, T.Trindade (2004) *Eur.J.Inorg.Chem.* ,2759

Formula: $(C_{30}\ H_{36}\ Cd_2\ N_6\ O_{20}\ P_2\ V_2)n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-N-(Phosphonomethyl)iminodiacetato)-bis(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-dioxo-di-cadmium-di-vanadium 4,4'-bipyridine dihydrate)

Space Group:	P21/c	***Cell:***	***a***	9.127(1)	***b***	17.610(4)	***c***	15.361(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.06(3)	γ	90.00

R-Factor (%):	4.55	***Temperature(K):***	180	***Density(g/cm^3):***	1.861



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1596

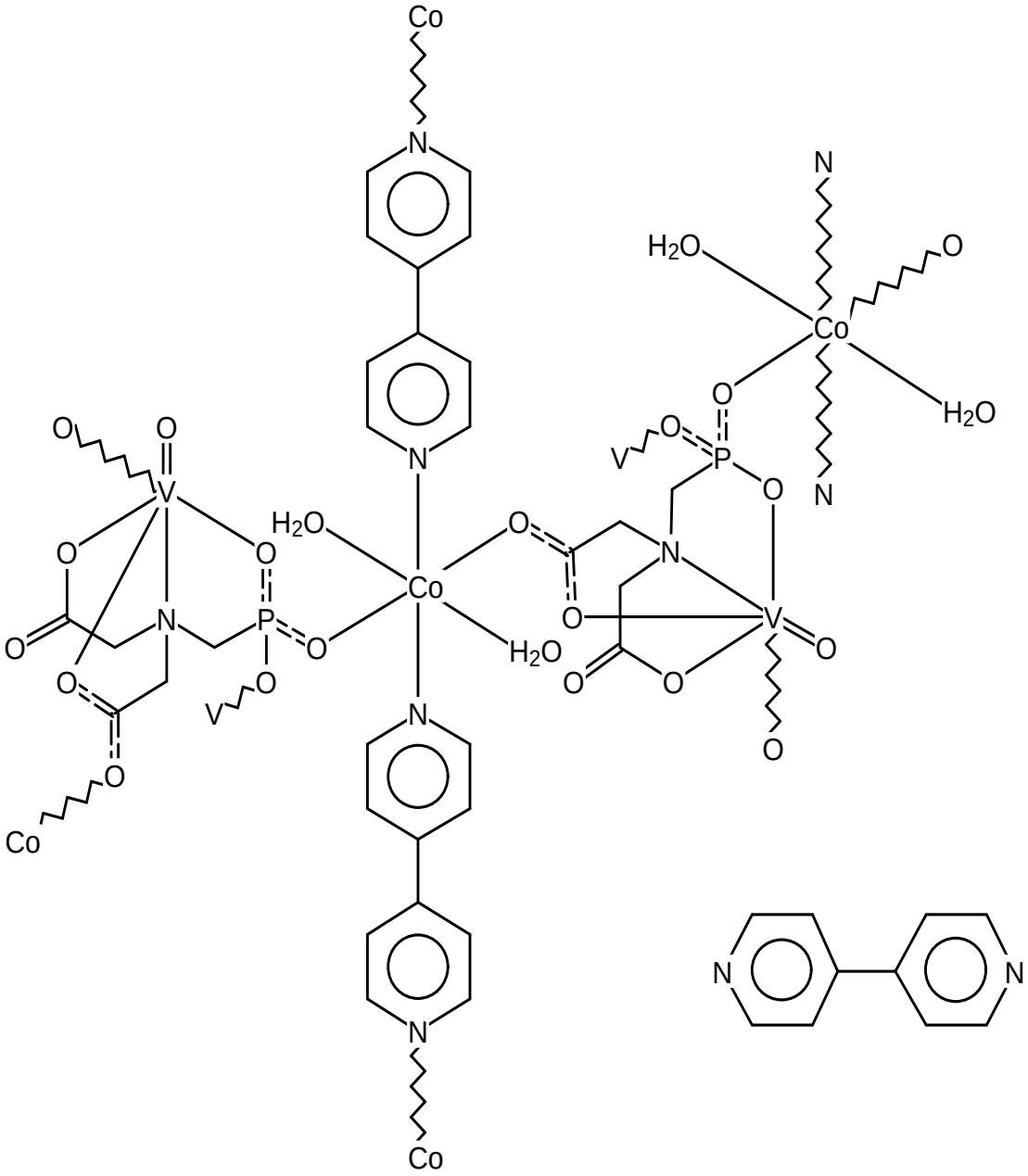
NACYUM

Reference: F.A.A.Paz, Fa-Nian Shi, J.Klinowski, J.Rocha, T.Trindade (2004) *Eur.J.Inorg.Chem.* ,2759

Formula: $(C_{30}\ H_{36}\ Co_2\ N_6\ O_{20}\ P_2\ V_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-N-(Phosphonomethyl)iminodiacetato)-bis(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-dioxo-di-cobalt-di-vanadium 4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	8.773(1)	***b***	17.264(4)	***c***	15.507(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.94(3)	γ	90.00
R-Factor (%):	4.92	***Temperature(K):***	180		***Density(g/cm^3):***		1.755	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1597

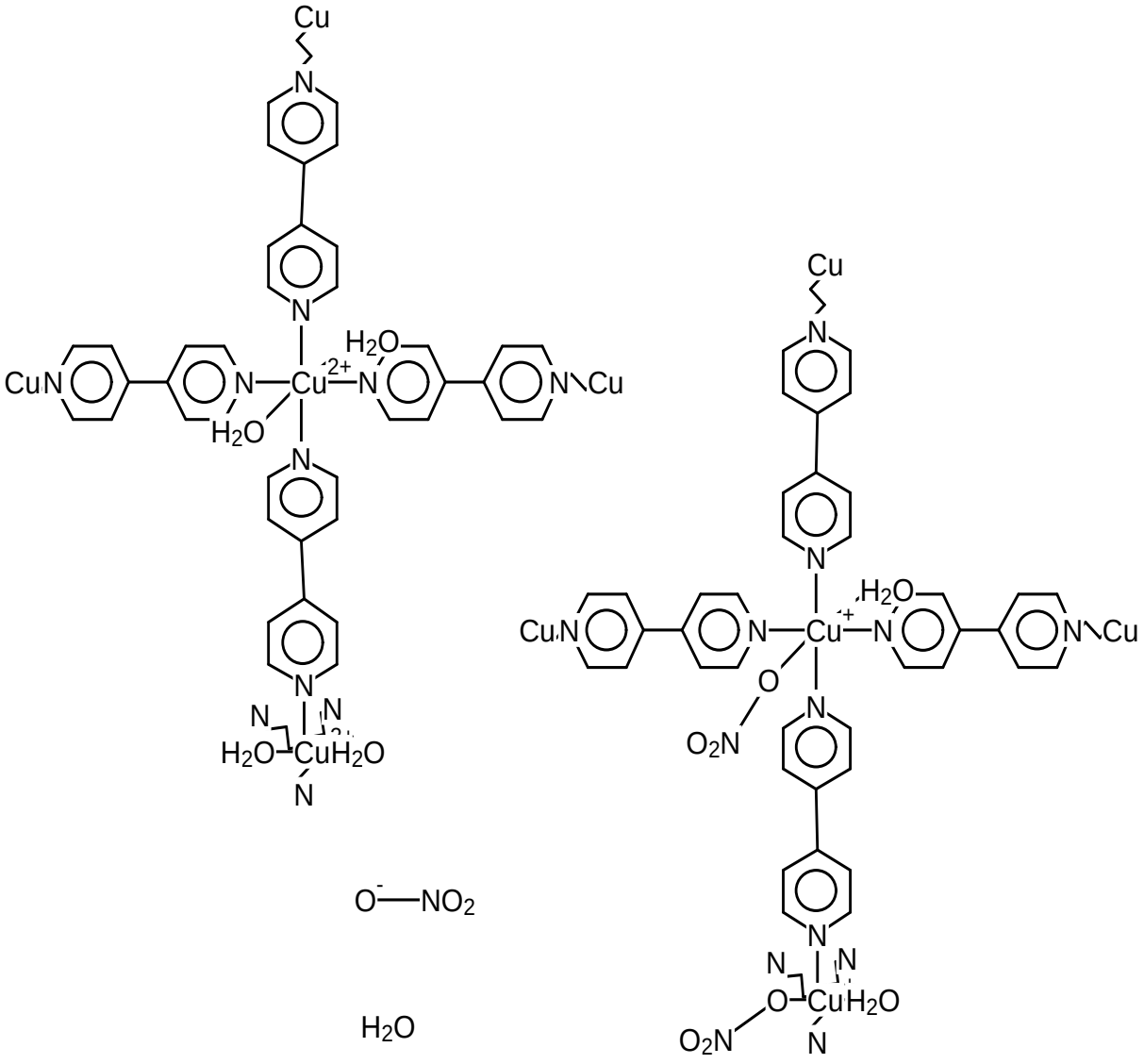
NAJMIV

Reference: J.Y.Lu, W.A.Fernandez, Zhenghua Ge, K.A.Abboud
(2005) *New J.Chem.* ,**29,**434

Formula: $(C_{40}\ H_{40}\ Cu_2\ N_8\ O_4\ ^{4+})n,n(C_{40}\ H_{36}\ Cu_2\ N_{10}\ O_8\ ^{2+}),6n(N_1\ O_3\ ^{1-}),24n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-tetraaqua-di-copper(ii) tetrakis(μ_2-4,4'-bipyridine)-diaqua-dinitrato-di-copper(ii) hexanitrate hydrate)

Space Group:	Fdd2	***Cell:***	***a***	14.391(0)	***b***	42.019(2)	***c*** 42.158(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	6.99	***Temperature(K):***	193	***Density(g/cm^3):***	1.324		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1598

NAJMOB

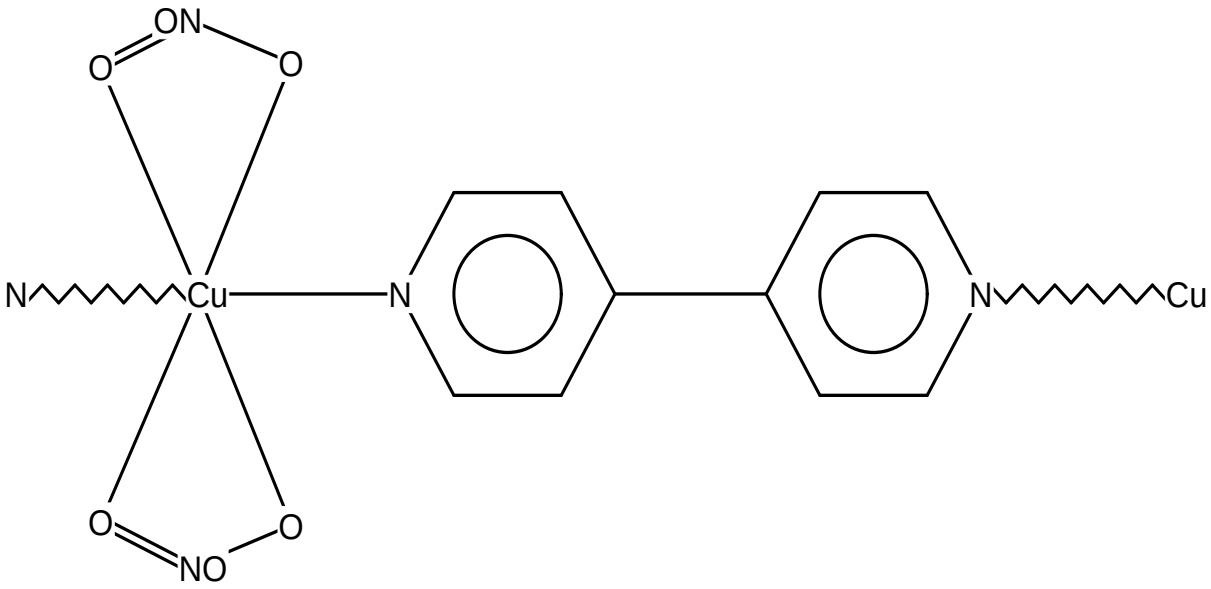
Reference: J.Y.Lu, W.A.Fernandez, Zhenghua Ge, K.A.Abboud (2005) *New J.Chem.* ,**29,**434

Formula: $(C_{10}\ H_8\ Cu_1\ N_4\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-dinitrato-copper(ii))

Space Group:	P43212	***Cell:***	***a***	7.812(0)	***b***	7.812(0)	***c*** 20.232(3)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.52 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.849



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1599

NAJXAY

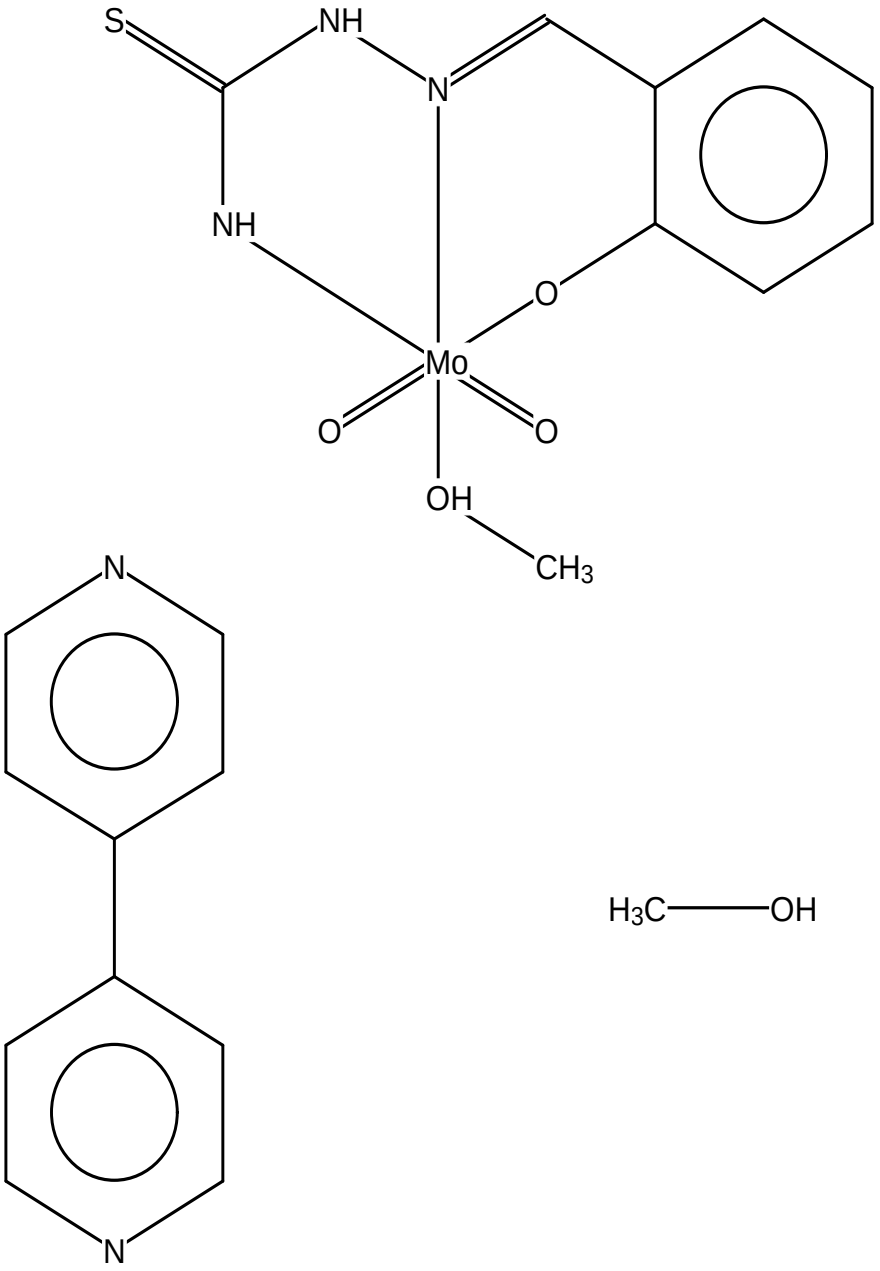
Reference: M.Cindric, V.Vrdoljak, N.Strukan, B.Kamenar (2005)
*Polyhedron ,***24,**369

Formula: $C_9 H_{11} Mo_1 N_3 O_4 S_1$,0.5($C_{10} H_8 N_2$),$C_1 H_4 O_1$

Compound Name: Dioxo-methanol-(salicylaldehyde thiosemicarbazonato)-molybdenum(vi) 4,4'-bipyiridine methanol solvate

Space Group:	P-1	***Cell:***	***a***	8.127(1)	***b***	8.675(1)	***c*** 13.779(2)
Space Group No.:	2	***(Å,°)***	α	82.37(1)	β	87.94(1)	γ 74.85(1)

R-Factor (%): 3.35 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.656



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1600

NAJZEE

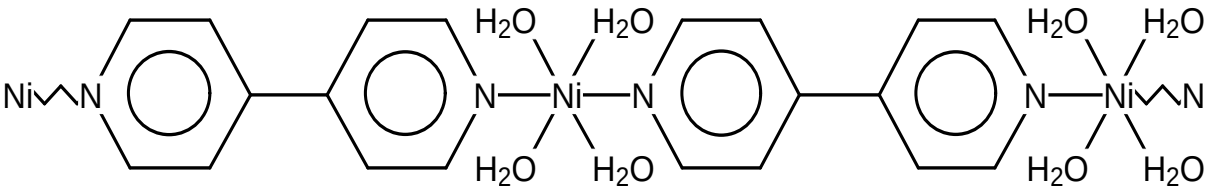
Reference: Chong Lei, Jiang-Gao Mao, Yan-Qiong Sun, Zhen-Chao Dong (2005) *Polyhedron* ,**24,**295

Formula: $(C_{24}\ H_{42}\ N_6\ O_{30}\ P_6\ Zn_7)n,n(C_{20}\ H_{32}\ N_4\ Ni_2\ O_8),16n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_4-N-(Phosphonomethyl)-N-methylglycinato)-hepta-zinc(ii) bis((μ_2-4,4'-bipyridine)-tetra-aqua-nickel(ii)) hexadecahydrate)

Space Group:	P21/n	***Cell:***	***a***	11.559	***b*** 30.879(0)	***c***	13.555(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.14(0)	γ	90.00

R-Factor (%): 7.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.734



H_2O

$Zn_7[\mu_4\text{-}C_3H_4NO_5PMe\text{-}\kappa^1N,\kappa^5O,O',O'',O''']_6$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1601

NAJZII

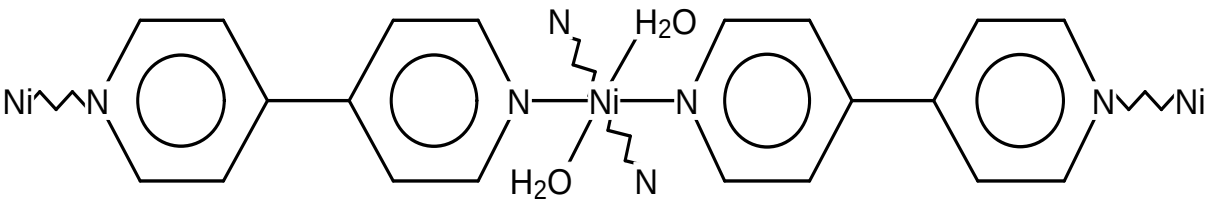
Reference: Chong Lei, Jiang-Gao Mao, Yan-Qiong Sun, Zhen-Chao Dong (2005) *Polyhedron* ,**24,**295

Formula: $(C_{24}\ H_{42}\ N_6\ O_{30}\ P_6\ Zn_7\ ^{1-})n,1.5n(C_{20}\ H_{20}\ N_4\ Ni_1\ O_2),n(H_3\ O_1\ ^{1+}),12n(H_2\ O_1)$

Compound Name: catena-(Oxonium hexakis(μ_4-N-(phosphonomethyl)-N-methylglycinato)-hepta-zinc(ii) sesquikis(bis(μ_2-4,4'-bipyridine)-diaqua-nickel(ii)) dodecahydrate)

Space Group:	Pn-3	***Cell:***	***a*** 22.592(1)	***b*** 22.592(1)	***c*** 22.592(1)
Space Group No.:	201	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 5.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.373



OH_3^+ H_2O

$Zn_7[\mu_4\text{-}C_3H_4NO_5PMe\text{-}\kappa^1N,\kappa^5O,O',O'',O''']_6^-$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1602

NALDIO

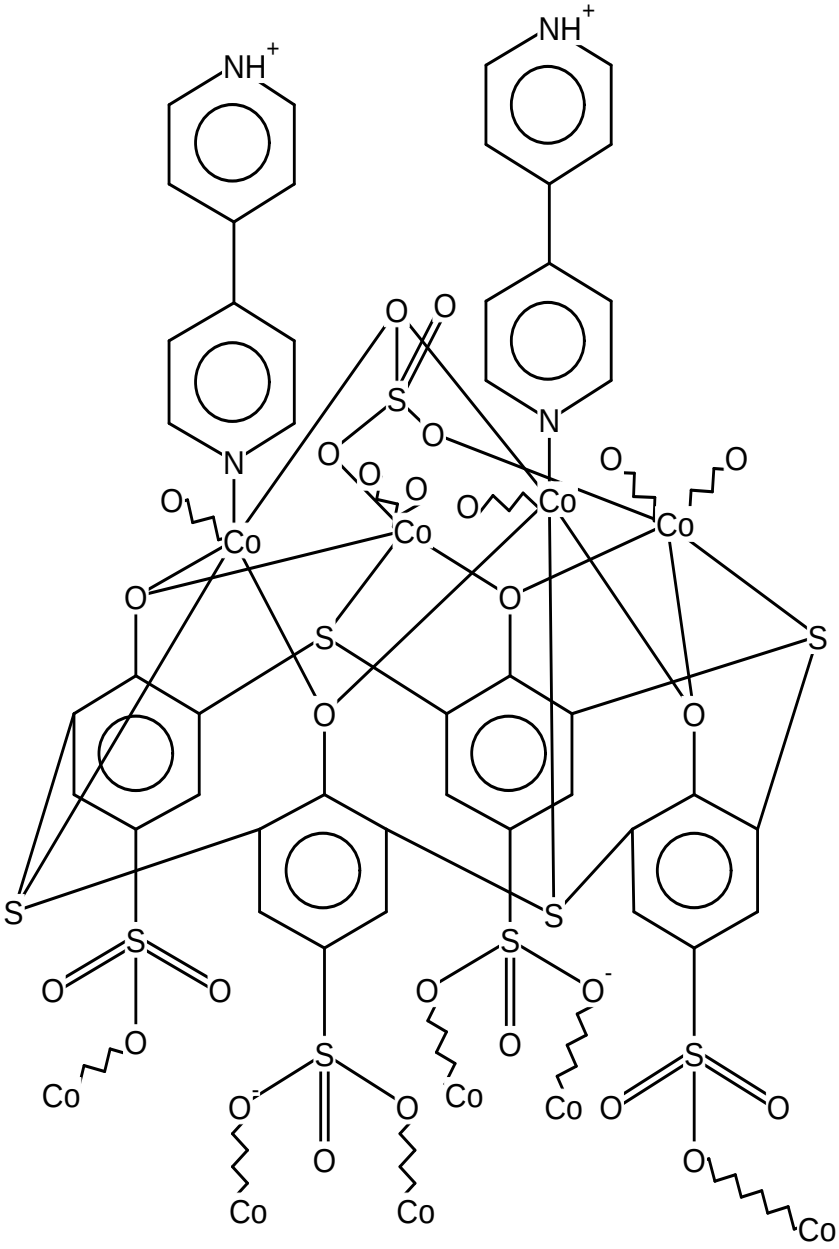
Reference: Daqiang Yuan, Yanqing Xu, Maochun Hong, Wenhua Bi, Youfu Zhou, Xing Li (2005) *Eur.J.Inorg.Chem.* ,1182

Formula: $(C_{44}\ H_{26}\ Co_4\ N_4\ O_{20}\ S_9)n,3.5n(H_2\ O_1)$

Compound Name: catena-((μ_{10}-5,11,17,23-tetrakis(Sulfonato)-2,8,14,20-tetrathiacallix(4)arene-25,26,27,28-tetraolato)-(μ_4-sulfato)-bis(4,4'-bipyridinium-N)-tetra-cobalt(ii) hydrate)

Space Group:	Pbcm	***Cell:***	***a***	15.312(0)	***b***	18.986(0)	***c***	19.837(0)
Space Group No.:	57	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	6.38	***Temperature(K):***	293	***Density(g/cm^3):***	1.748



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1603

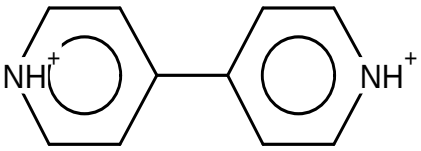
NAMBAF

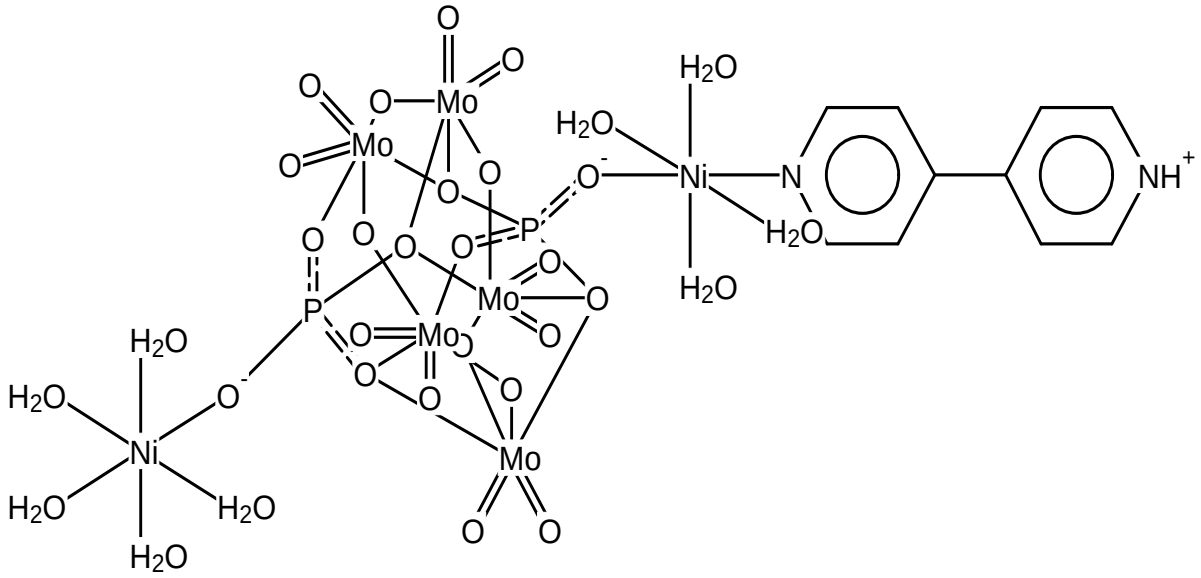
Reference: Ying Lu, Jian Lu, Enbo Wang, Yaqin Guo, Xinxin Xu, Lin Xu (2005) *J.Mol.Struct. ,***740,**159

Formula: $0.5(C_{10}H_{10}N_2^{2+}),C_{10}H_{27}Mo_5N_2Ni_2O_{32}P_2^{1-}$

Compound Name: hemikis(4,4'-bipyridinedi-ium) bis(μ_6-phosphato)-pentakis(μ_2-oxo)-(4,4'-bipyridinium)-nona-aqua-decaoxo-penta-molybdenum-di-nickel(ii)

Space Group:	P-1	***Cell:***	***a***	10.760(2)	***b***	10.771(2)	***c*** 17.566(4)
Space Group No.:	2	***(Å,°)***	α	98.56(3)	β	96.66(3)	γ 111.10(3)
R-Factor (%):	4.90	***Temperature(K):***	293		***Density(g/cm^3):***		2.564





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1604

NAMBEJ

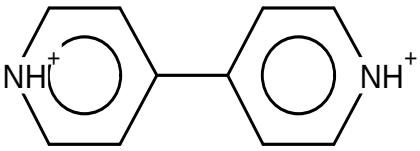
Reference: Ying Lu, Jian Lu, Enbo Wang, Yaqin Guo, Xinxin Xu, Lin Xu (2005) *J.Mol.Struct. ,***740,**159

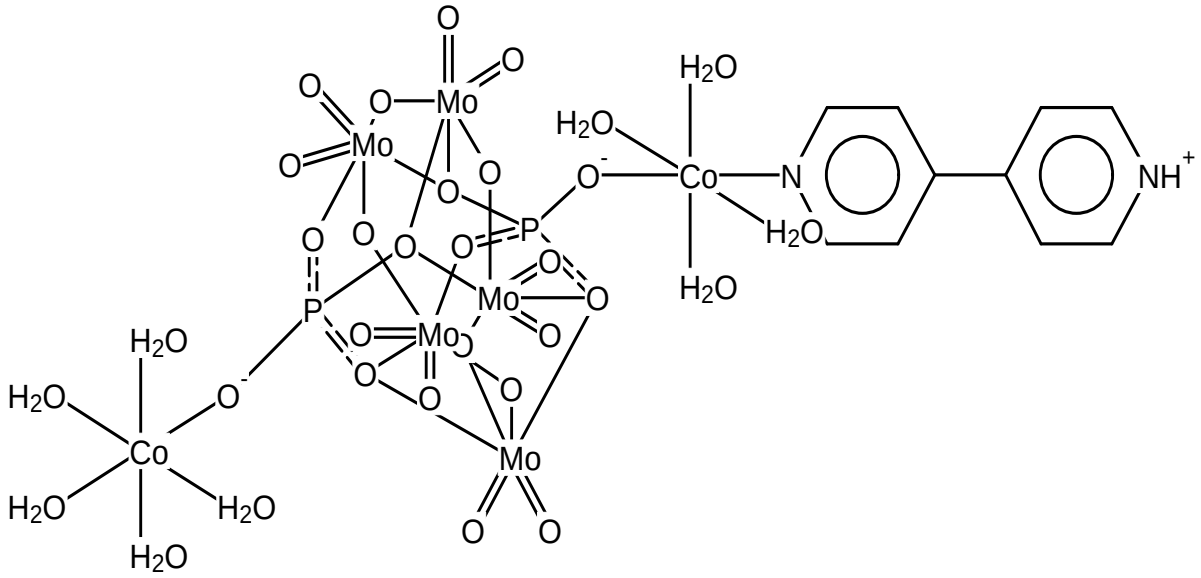
Formula: $0.5(C_{10}H_{10}N_2^{2+}),C_{10}H_{27}Co_2Mo_5N_2O_{32}P_2^{1-}$

Compound Name: hemikis(4,4'-bipyridinedi-ium) bis(μ_6-phosphato)-pentakis(μ_2-oxo)-(4,4'-bipyridinium)-nona-aqua-decaoxo-di-cobalt(ii)-penta-molybdenum

Space Group:	P-1	***Cell:***	***a***	10.770(2)	***b***	10.815(2)	***c*** 17.684(4)
Space Group No.:	2	***(Å,°)***	α	98.96(3)	β	96.41(3)	γ 111.37(3)

R-Factor (%): 3.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.542





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1605

NARSUV

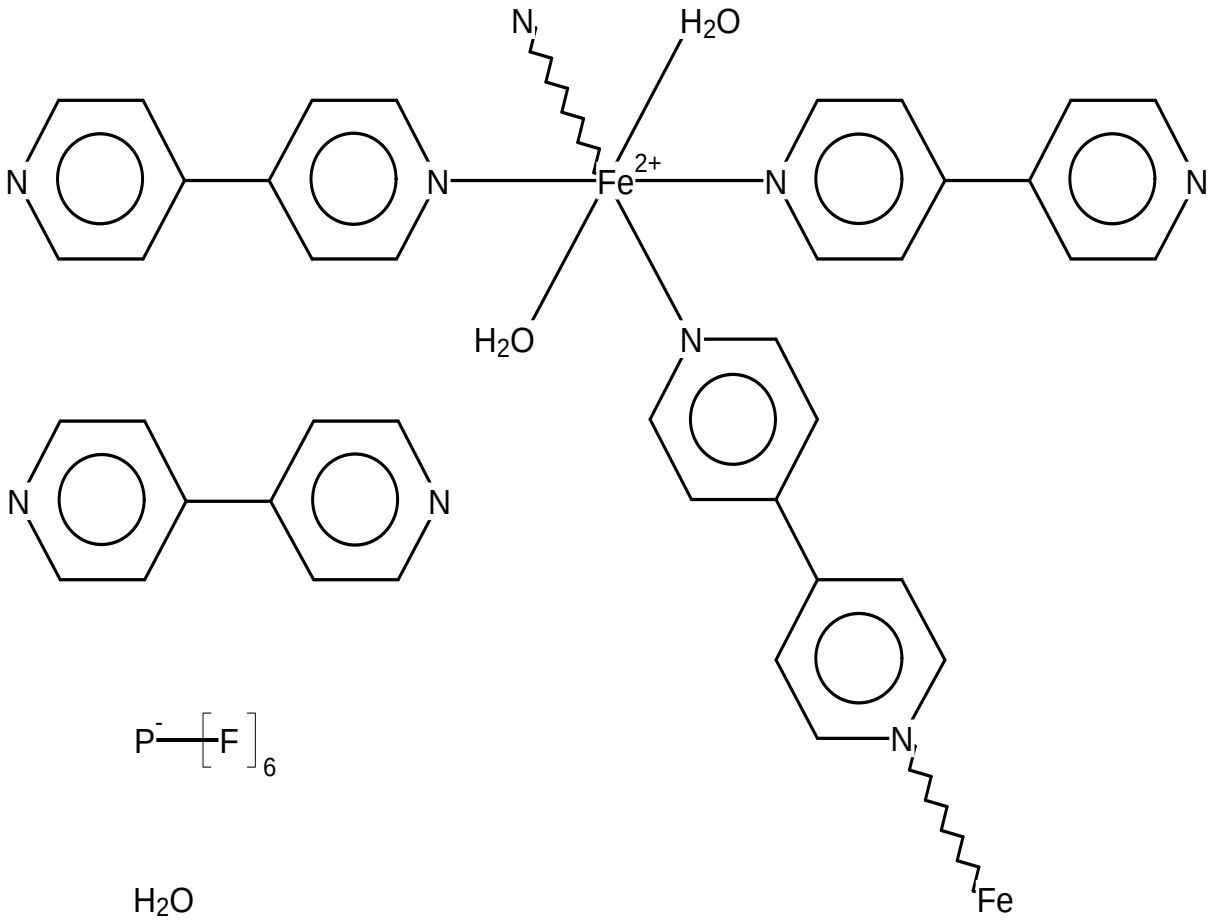
Reference: N.V.Izarova, M.N.Sokolov, A.Rothenberger, L.Ponikiewski, D.Fenske, V.P.Fedin (2005) *Comptes Rendus Chimie* ,**8,**1005

Formula: $(C_{30}\ H_{28}\ Fe_1\ N_6\ O_2\ ^{2+})n,2n(C_{10}\ H_8\ N_2),2n(F_6\ P_1\ ^{1-}),5n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridine)-di-aqua-iron(ii) bis(hexafluorophosphate) 4,4'-bipyridine clathrate pentahydrate)

Space Group:	Cc	***Cell:***	***a***	18.290(4)	***b*** 11.666(2)	***c***	27.084(5)
Space Group No.:	9	***(Å,°)***	α	90.00	β 108.21(3)	γ	90.00

R-Factor (%): 6.85 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.516



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1606

NASZOW

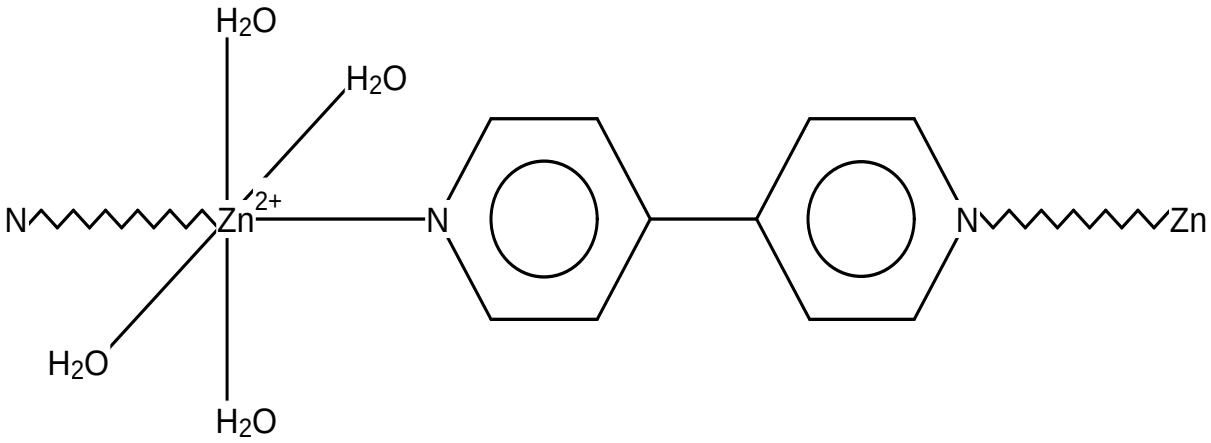
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1997) *J.Chem.Soc.,Dalton Trans.* ,1801

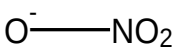
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),n(C_{10}\ H_8\ N_2)$

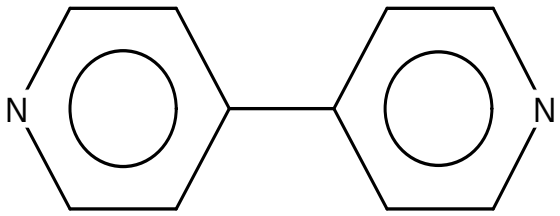
Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl)-tetra-aqua-zinc(ii) dinitrate 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	10.629(4)	***b***	11.391(5)	***c*** 12.450(5)
Space Group No.:	2	***(Å,°)***	α	65.44(1)	β	79.37(1)	γ 66.89(1)

R-Factor (%): 4.74 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.512







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1607

NASZUC

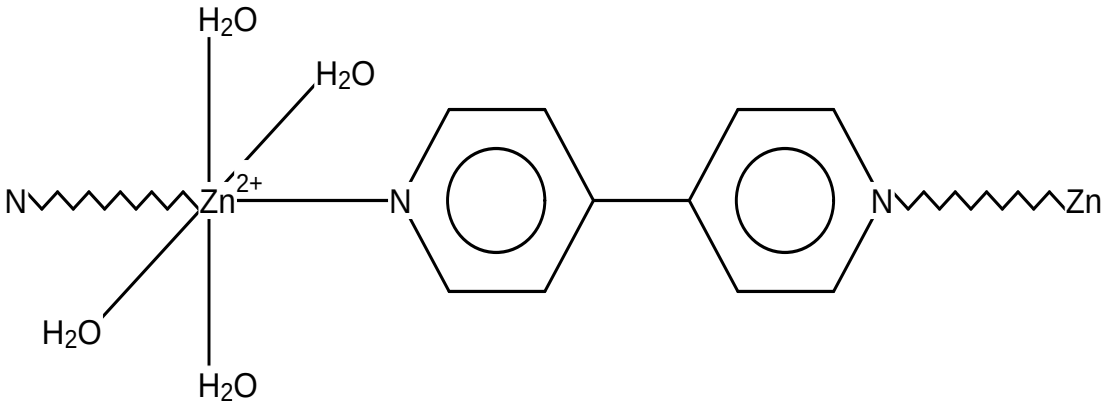
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1997) *J.Chem.Soc.,Dalton Trans.* ,1801

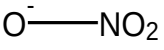
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

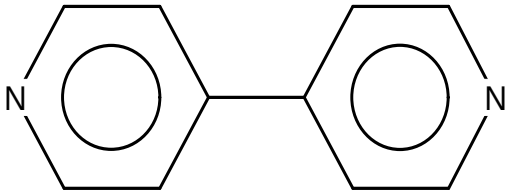
Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl)-tetra-aqua-zinc(ii) dinitrate 4,4'-bipyridine solvate trihydrate)

Space Group:	P-1	***Cell:***	***a***	11.030(3)	***b***	11.335(3)	***c*** 15.285(3)
Space Group No.:	2	***(Å,°)***	α	77.15(2)	β	85.42(2)	γ 78.13(2)

R-Factor (%): 8.04 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.429







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1608

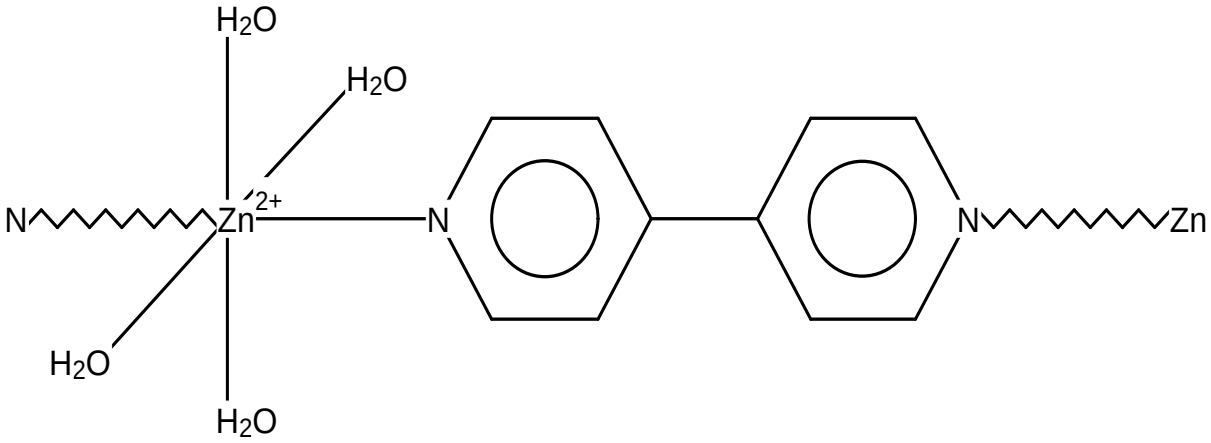
NATBAL

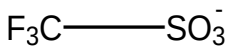
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1997)
J.Chem.Soc.,Dalton Trans. ,1801

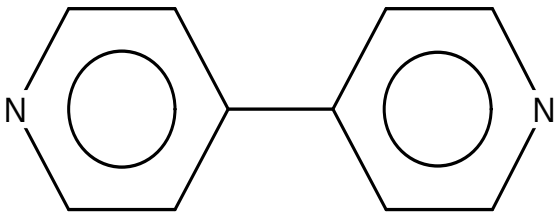
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(C_1\ F_3\ O_3\ S_1\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-tetra-aqua-zinc(ii)
bis(trifluoromethanesulfonate) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	7.405(3)	***b*** 10.749(3)	***c***	13.694(4)
Space Group No.:	2	***(Å,°)***	α	103.53(2)	β 101.61(3)	γ	105.59(3)
R-Factor (%):	5.73	***Temperature(K):***	295		***Density(g/cm^3):***	1.533	







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1609

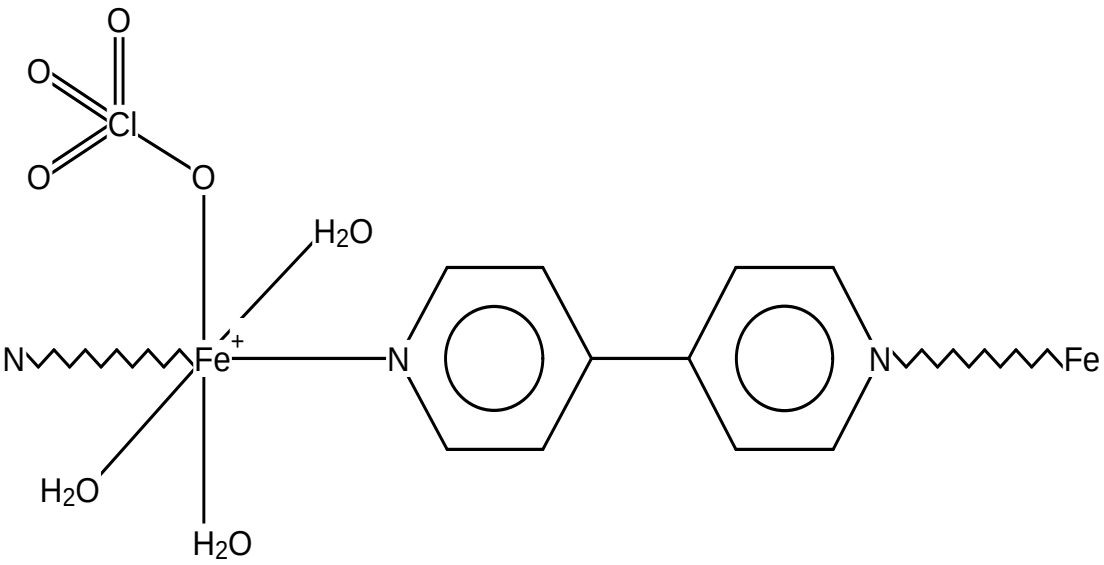
NATBEP

Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1997)
J.Chem.Soc.,Dalton Trans. ,1801

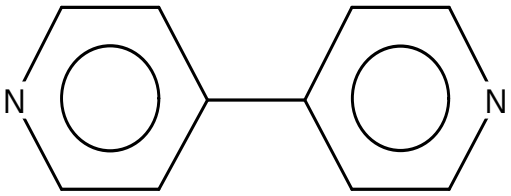
Formula: $(C_{10}\ H_{14}\ Cl_1\ Fe_1\ N_2\ O_7\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(perchlorato)-tri-aqua-iron(ii) perchlorate 4,4'-bipyridine solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.024(2)	***b***	11.446(6)	***c***	16.376(5)
Space Group No.:	2	***(Å,°)***	α	74.42(3)	β	82.91(2)	γ	70.19(3)
R-Factor (%):	7.27	***Temperature(K):***	295		***Density(g/cm^3):***	1.555		



ClO_4^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1610

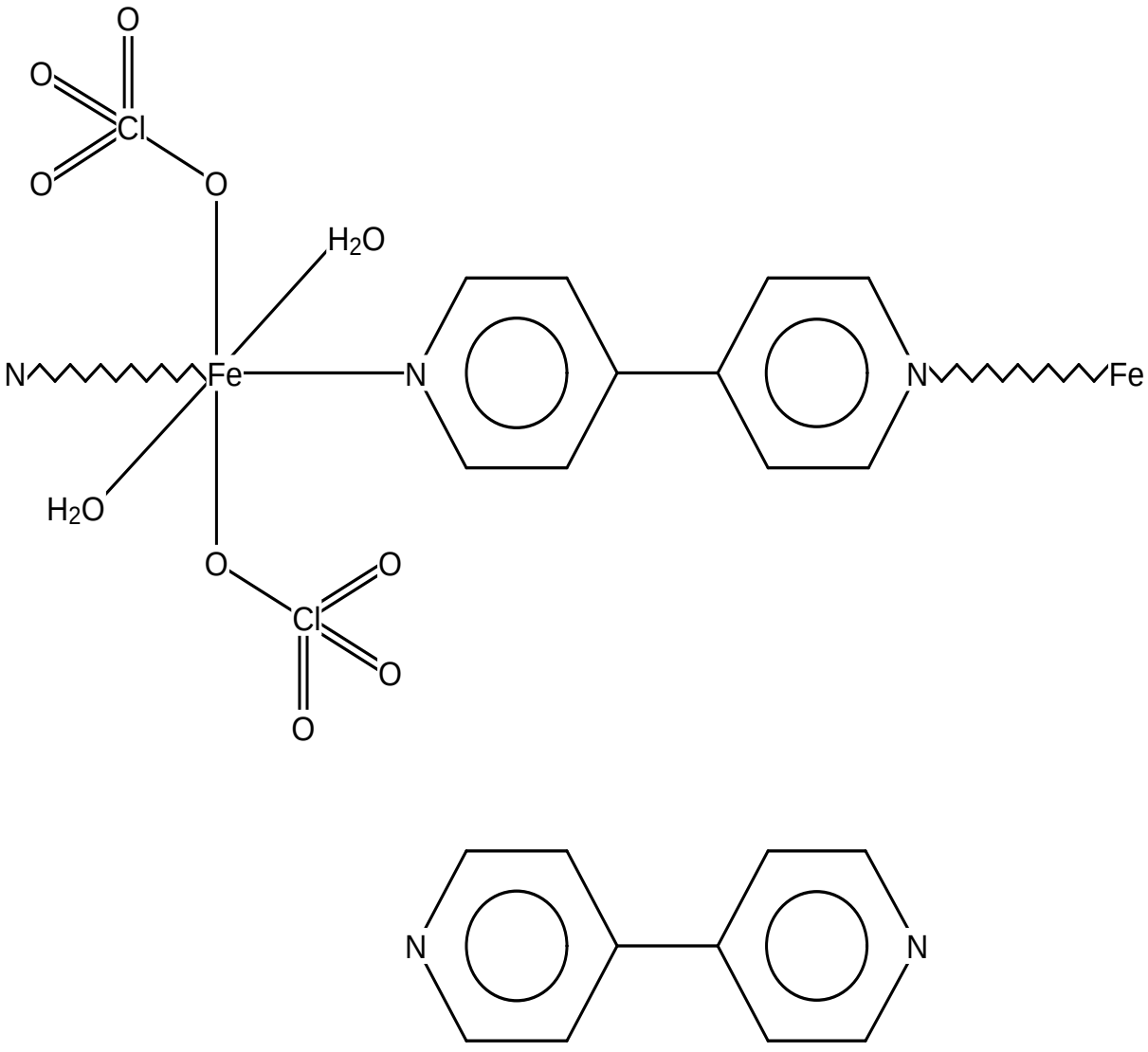
NATBIT

Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1997) *J.Chem.Soc.,Dalton Trans.* ,1801

Formula: $(C_{10}\ H_{12}\ Cl_2\ Fe_1\ N_2\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(perchlorato-O)-iron(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	7.524(2)	***b***	9.016(2)	***c*** 10.106(5)
Space Group No.:	2	***(Å,°)***	α	105.13(3)	β	95.90(3)	γ 109.90(2)
R-Factor (%):	5.41	***Temperature(K):***	295	***Density(g/cm^3):***	1.647		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1611

NATGEV

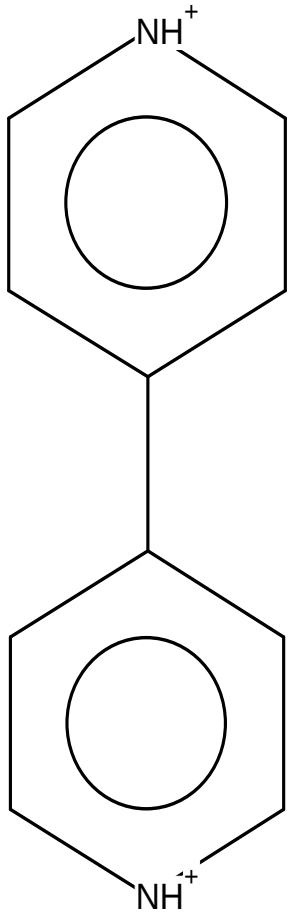
Reference: Yun-Long Fu, Zhi-Wei Xu, Jia-Lin Ren, S.W.Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1639

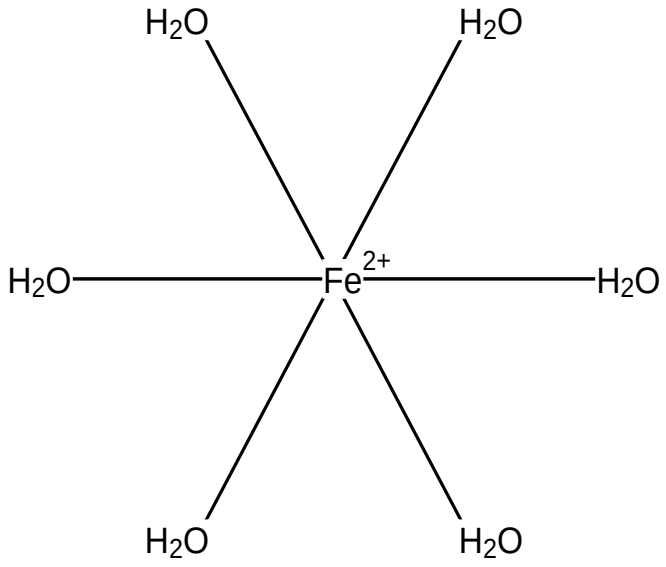
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$H_{12}\,Fe_1\,O_6\,^{2+}$,2($O_4\,S_1\,^{2-}$),2($H_2\,O_1$)

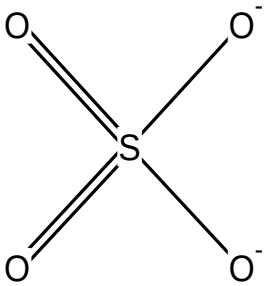
Compound Name: 4,4'-Bipyridinium hexaaqua-iron(ii) disulfate dihydrate

Space Group:	C2/c	***Cell:***	***a***	17.543(1)	***b***	9.068(0)	***c*** 13.759(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.67(0)	γ 90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.681







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1612

NATNOL

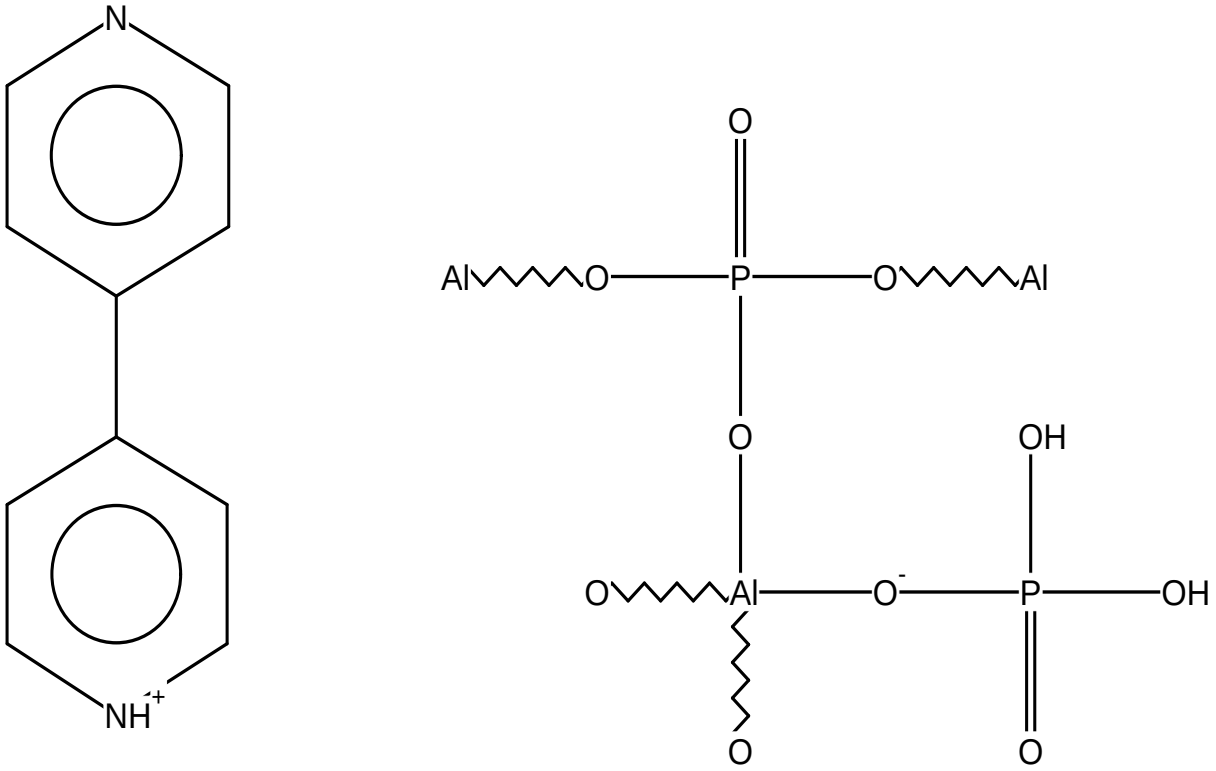
Reference: A.M.Chippindale, C.Turner (1997) *J.Solid State Chem.* , **128,**318

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,n(H_2\ Al_1\ O_8\ P_2\ ^{1-})$

Compound Name: catena-((4-(4'-Pyridyl)pyridinium) (μ_3-phosphato)-(dihydrogen phosphato)-aluminium)

Space Group:	P-1	***Cell:***	***a*** 4.917(0)	***b*** 10.696(3)	***c*** 14.660(8)
Space Group No.:	2	***(Å,°)***	α 107.84(3)	β 95.68(3)	γ 99.91(2)

R-Factor (%): 4.56 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.751



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1613

NAWKEB

Reference: R.Blachnik, B.Jaschinski, H.Reuter, G.Kastner (1997) *Z.Kristallogr. ,***212,**874

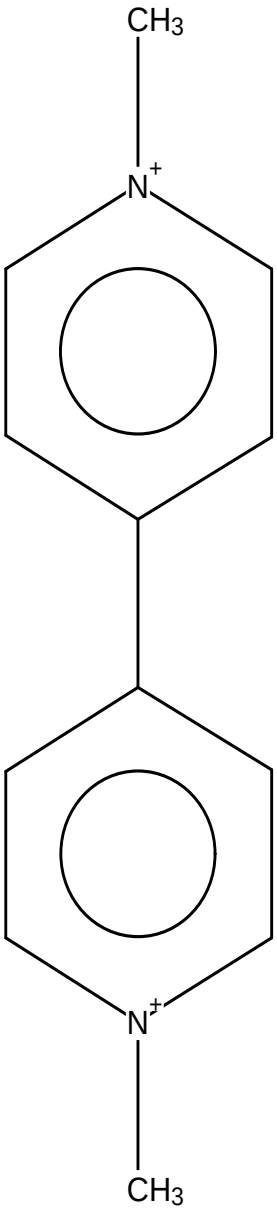
Formula: $3(C_{12}\ H_{14}\ N_2\ ^{2+}),2(Bi_1\ Cl_6\ ^{3-}),2(H_2\ O_1)$

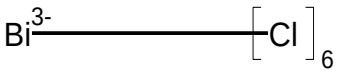
Compound Name: tris(1,1'-Dimethyl-4,4'-bipyridinium) bis(hexachloro-bismuth(iii)) dihydrate

Synonym: tris(Methyl viologen) bis(hexachloro-bismuth(iii)) dihydrate

Space Group:	P-1	***Cell:***	***a***	7.970(2)	***b***	12.158(2)	***c***	13.039(3)
Space Group No.:	2	***(Å,°)***	α	88.76(1)	β	83.01(1)	γ	73.86(1)

R-Factor (%): 3.43 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.983





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1614

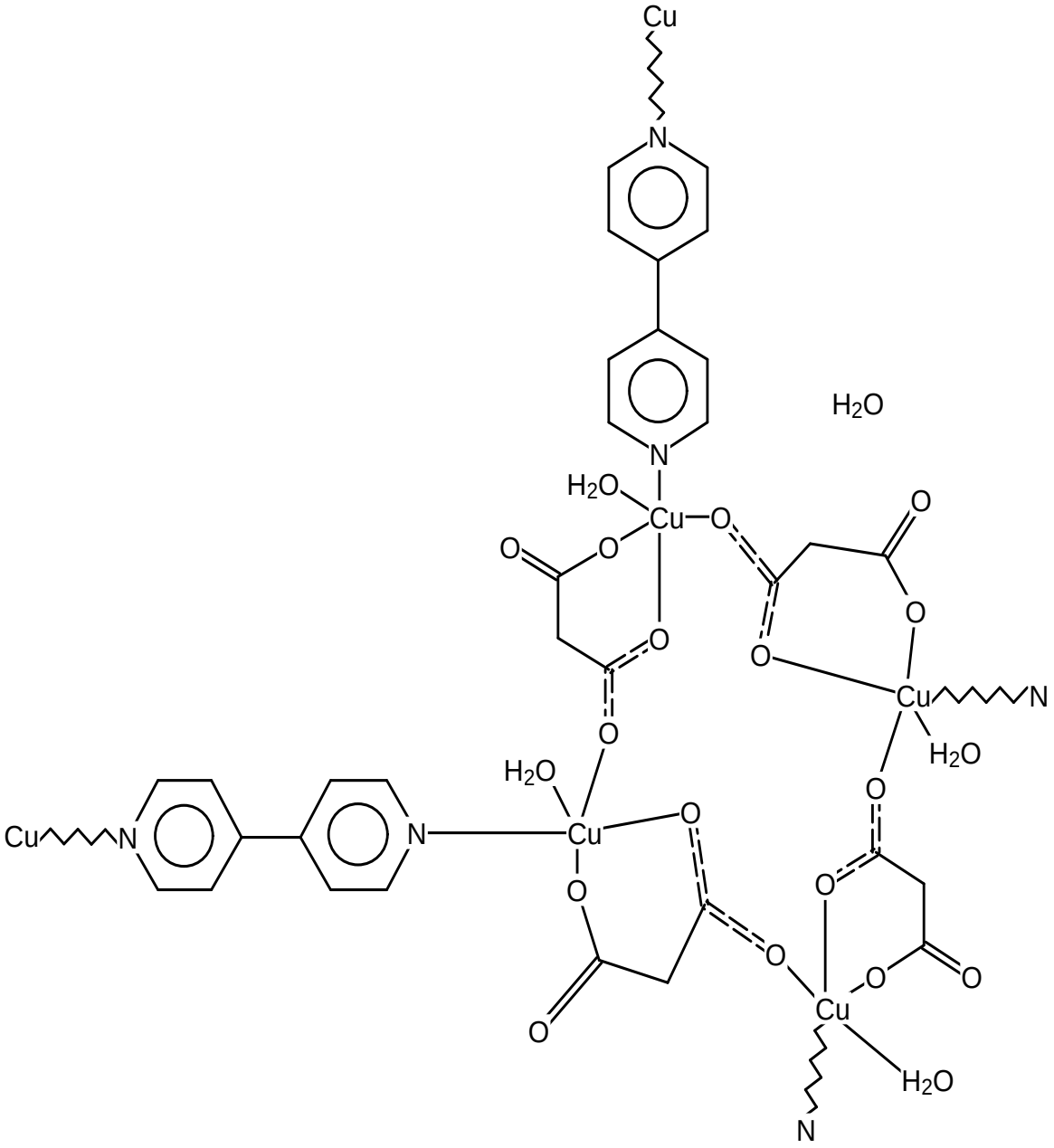
NAYJUS

Reference: Jianmin Li, Huaqiang Zeng, Jinhua Chen, Quanming Wang, Xintao Wu (1997) *Chem.Commun.* ,1213

Formula: $(C_{32}\ H_{32}\ Cu_4\ N_4\ O_{20})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-malonato)-diaqua-di-copper dihydrate)

Space Group:	P21212	***Cell:***	***a***	16.348(3)	***b***	16.364(5)	***c***	7.570(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.50	***Temperature(K):***	295		***Density(g/cm^3):***	1.776		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1615

NAYJUS01

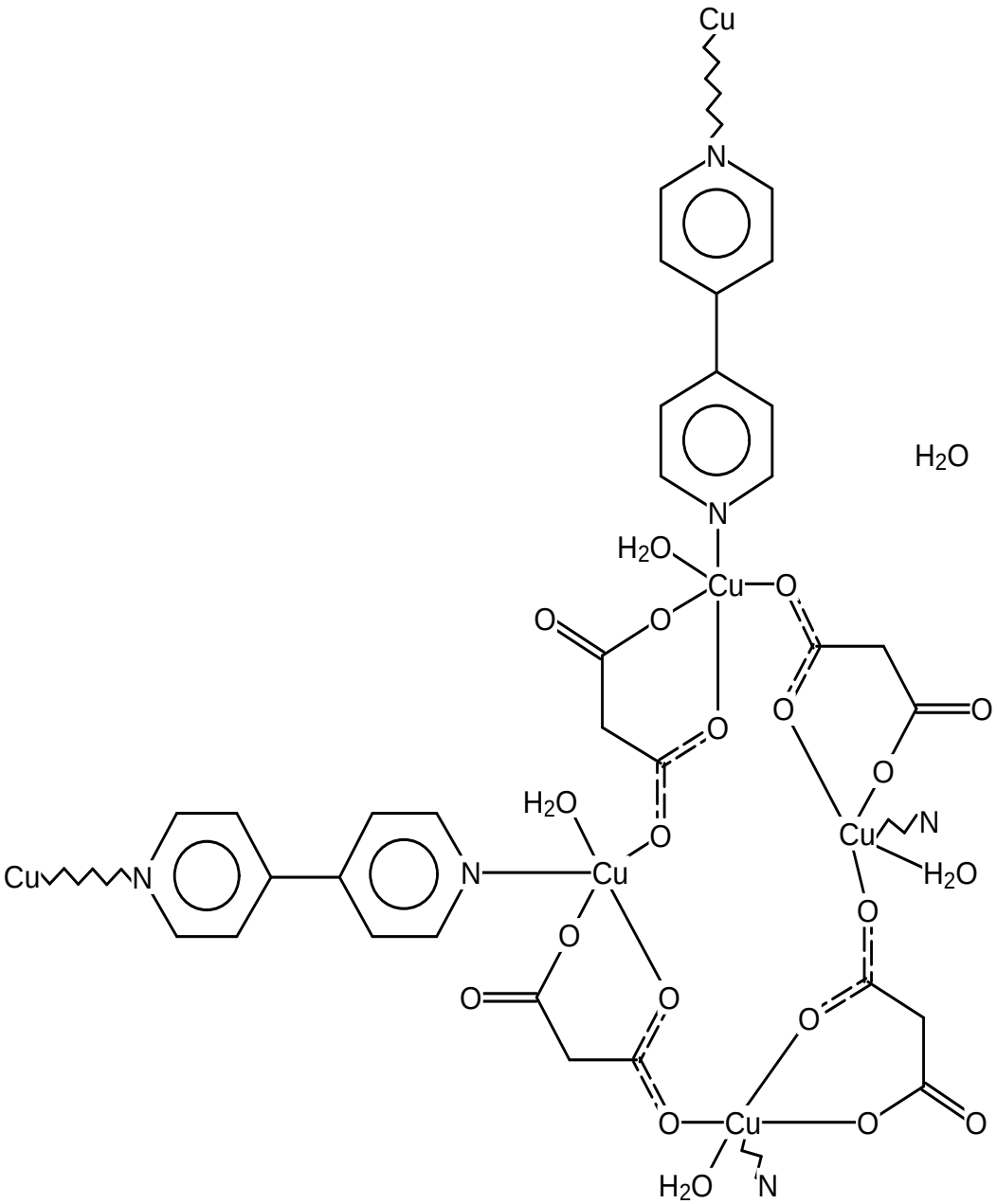
Reference: Jian-Min Li, Yu-Gen Zhang, Jin-Hua Chen, Lei Rui, Quan-Ming Wang, Xin-Tao Wu (2000) *Polyhedron ,***19,**1117

Formula: $(C_{32}\ H_{32}\ Cu_4\ N_4\ O_{20})n,2n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-bis(μ$_2$-malonato)-diaqua-di-copper) dihydrate)

Space Group:	P21212	***Cell:***	***a***	16.348(3)	***b***	16.364(5)	***c***	7.570(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.776



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1616

NAYMAC

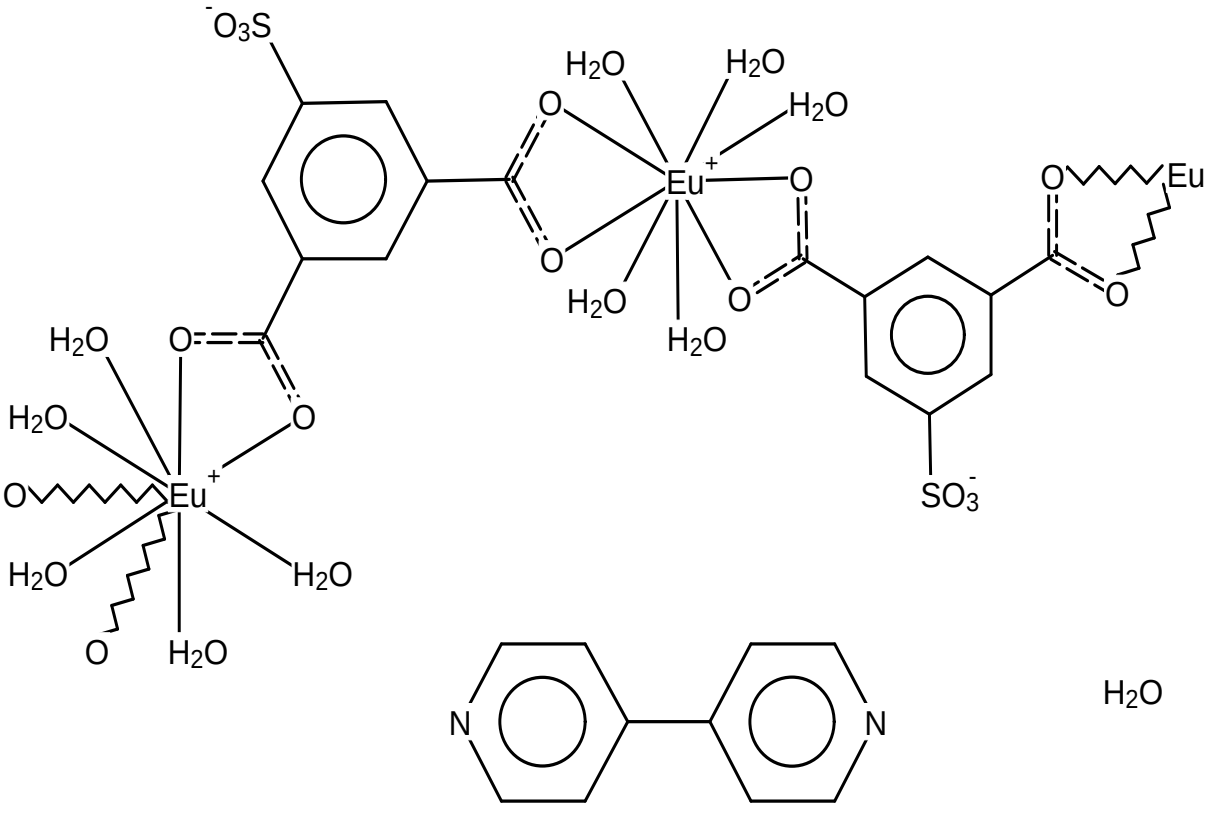
Reference: Hu Mao Lin, Cai Xiao Qing, Miao Qian, Xiao Hong Ping (2005) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**31,**391

Formula: $(C_{16}\ H_{26}\ Eu_2\ O_{24}\ S_2)n,3n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-3-Sulfoisophthalato)-deca-aqua-di-europium(iii) tris(4,4'-bipyridyl) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	30.752(0)	***b*** 10.958(0)	***c***	17.555(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.04(0)	γ	90.00

R-Factor (%): 2.53 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.765



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1617

NAYYOB

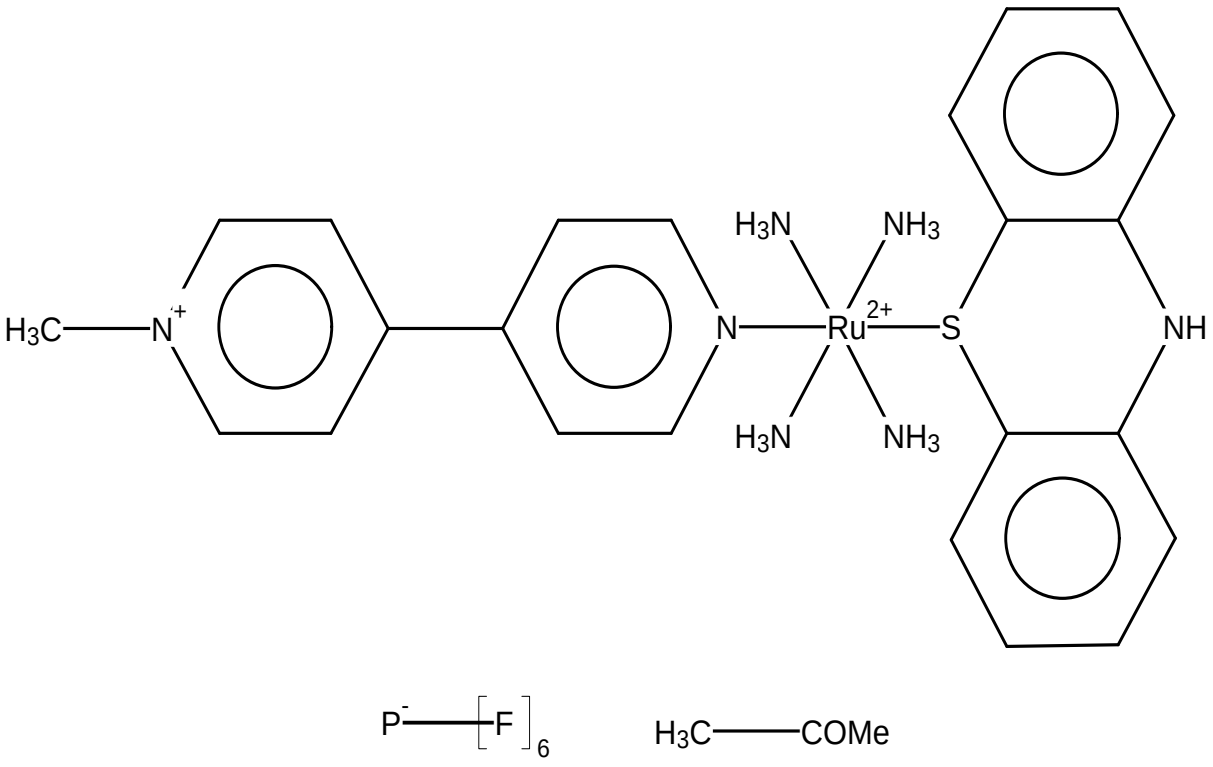
Reference: B.J.Coe, M.C.Chamberlain, J.P.Essex-Lopresti, S.Gaines, J.C.Jeffery, S.Houbrechts, A.Persoons (1997) *Inorg.Chem.* ,**36,**3284

Formula: $C_{23}\,H_{32}\,N_7\,Ru_1\,S_1\,^{3+},3(F_6\,P_1\,^{1-}),C_3\,H_6\,O_1$

Compound Name: trans-Tetra-ammine-N-methyl-4,4'-bipyridinium-phenothiazine-ruthenium tris(hexafluorophosphate) acetone solvate

Space Group:	P63	***Cell:***	***a*** 17.853(4)	***b*** 17.853(4)	***c*** 21.514(6)
Space Group No.:	173	***(Å,°)***	α 90.00	β 90.00	γ 120.00

R-Factor (%):	3.21	***Temperature(K):***	173	***Density(g/cm^3):***	1.733



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1618

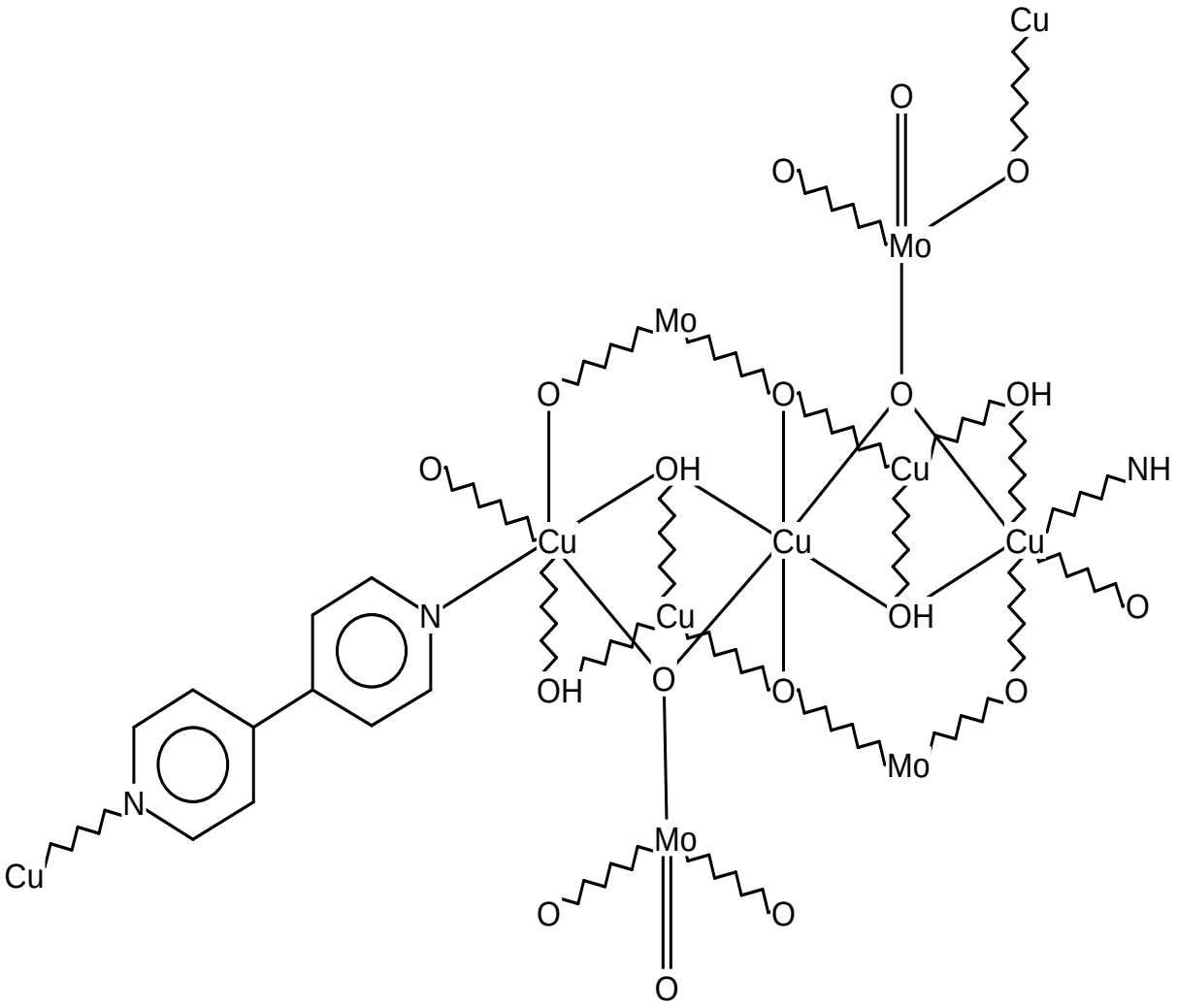
NEBPUG

Reference: M.P.Shores, B.M.Bartlett, D.G.Nocera (2005)
*J.Am.Chem.Soc. ,***127,**17986

Formula: $(C_{10}\ H_{10}\ Cu_3\ Mo_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_3-hydroxo)-tetrakis(μ_3-oxo)-(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-oxo)-bis(oxo)-tri-copper(ii)-di-molybdenum)

Space Group:	P-1	***Cell:***	***a***	5.520(0)	***b***	5.691(1)	***c***	13.456(2)
Space Group No.:	2	***(Å,°)***	α	83.02(0)	β	85.44(0)	γ	79.49(0)
R-Factor (%):	2.92	***Temperature(K):***	150	***Density(g/cm^3):***	2.825			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1619

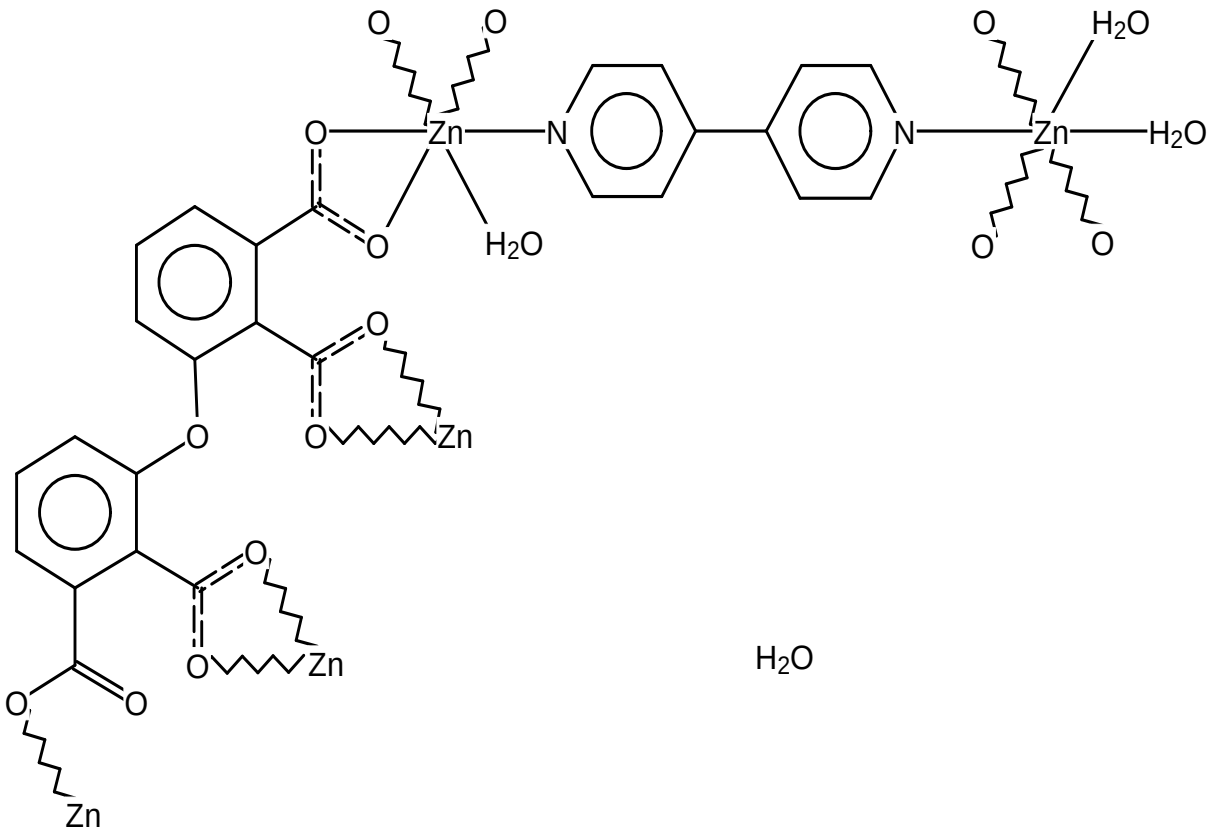
NECJOV

Reference: Shuangquan Zang, Yang Su, Yizhi Li, Zhaoping Ni, Qingjin Meng (2006) *Inorg.Chem.* ,**45,**174

Formula: $(C_{26}\ H_{20}\ N_2\ O_{12}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_4-2,2',3,3'-Oxydiphthalato)-(μ_2-4,4'-bipyridine)-triaqua-di-zinc(ii) dihydrate)

Space Group:	P212121	***Cell:***	***a***	10.091(5)	***b***	14.828(7)	***c***	19.711(9)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.38	***Temperature(K):***	293		***Density(g/cm^3):***	1.620		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1620

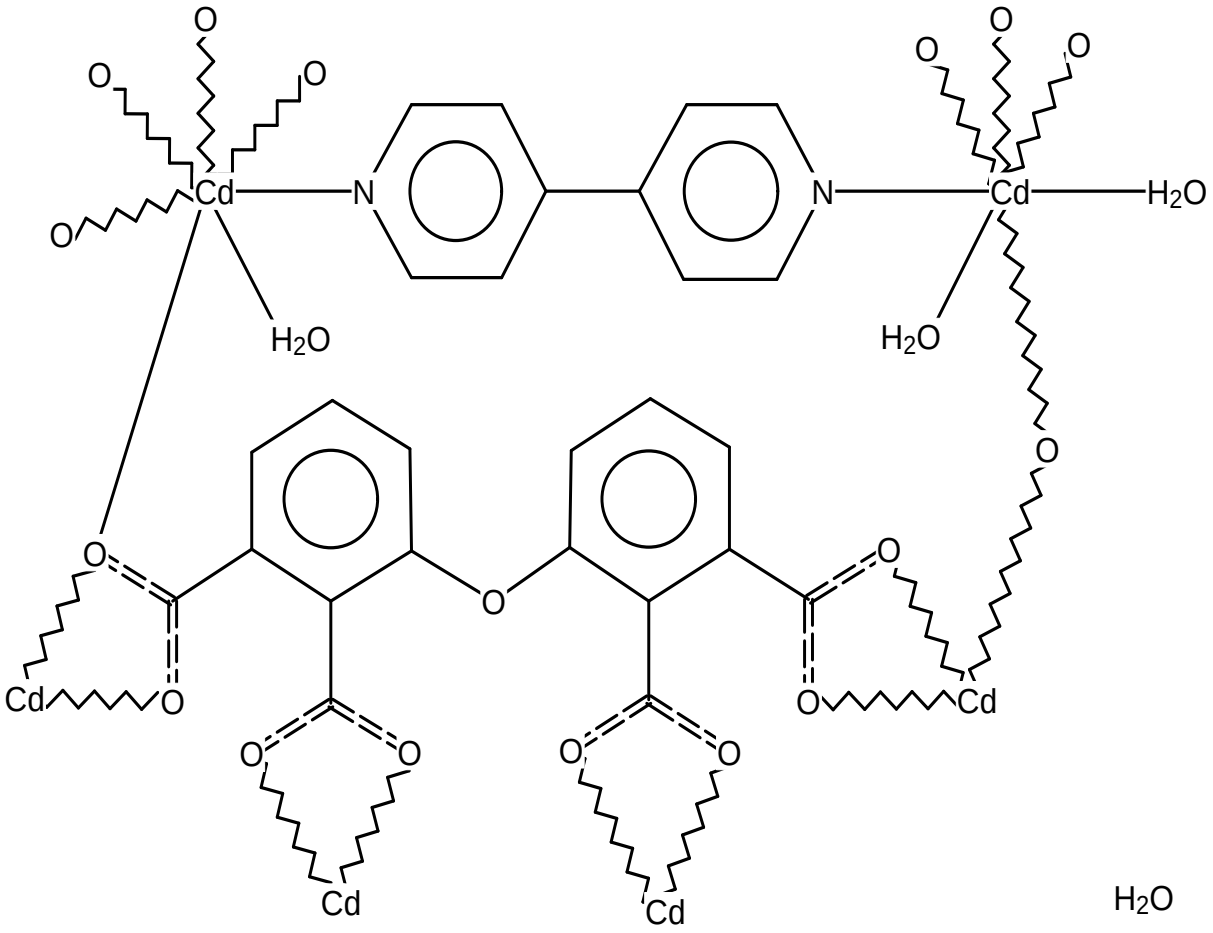
NECJUB

Reference: Shuangquan Zang, Yang Su, Yizhi Li, Zhaoping Ni, Qingjin Meng (2006) *Inorg.Chem.* ,**45,**174

Formula: $(C_{26}\ H_{20}\ Cd_2\ N_2\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_5-2,2',3,3'-Oxydiphthalato)-(μ_2-4,4'-bipyridine)-triaqua-di-cadmium(ii) dihydrate)

Space Group:	P21	***Cell:***	***a***	7.133(1)	***b*** 20.059(4)	***c***	10.117(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β 110.64(0)	γ	90.00
R-Factor (%):	4.65	***Temperature(K):***	293		***Density(g/cm^3):***		1.994



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1621

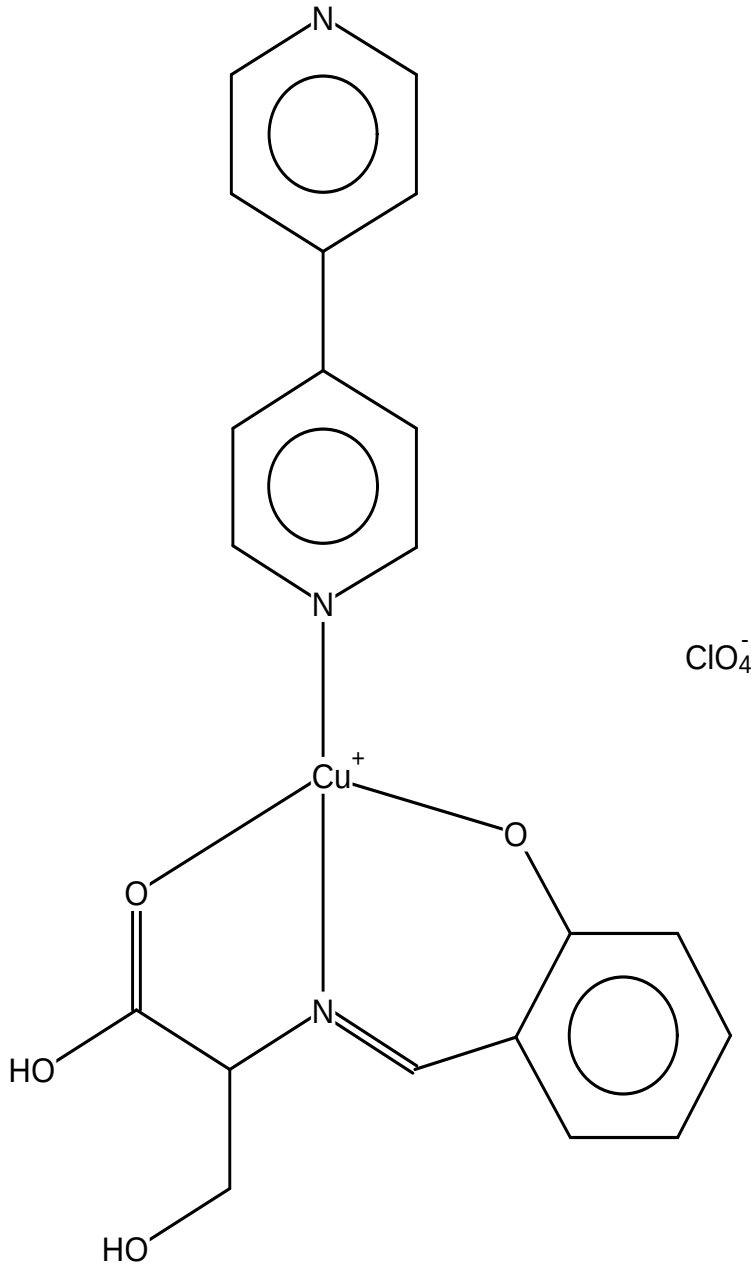
NEDREU

Reference: R.Karmakar, C.R.Choudhury, S.Mitra, L.Dahlenberg (2005) *Struct.Chem. ,***16,**611

Formula: $C_{20}\ H_{18}\ Cu_1\ N_3\ O_4\ ^{1+},Cl_1\ O_4\ ^{1-}$

Compound Name: (4,4'-Bipyridyl-N)-(2-(2-oxybenzylideneamino)-3-hydroxypropanoic acid)-copper(ii) perchlorate

Space Group:	P21	***Cell:***	***a*** 5.981(2)	***b*** 18.025(8)	***c*** 9.710(5)
Space Group No.:	4	***(Å,°)***	α 90.00	β 90.27(3)	γ 90.00
R-Factor (%):	3.58	***Temperature(K):***	293	***Density(g/cm^3):***	1.673



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1622

NEDXEZ

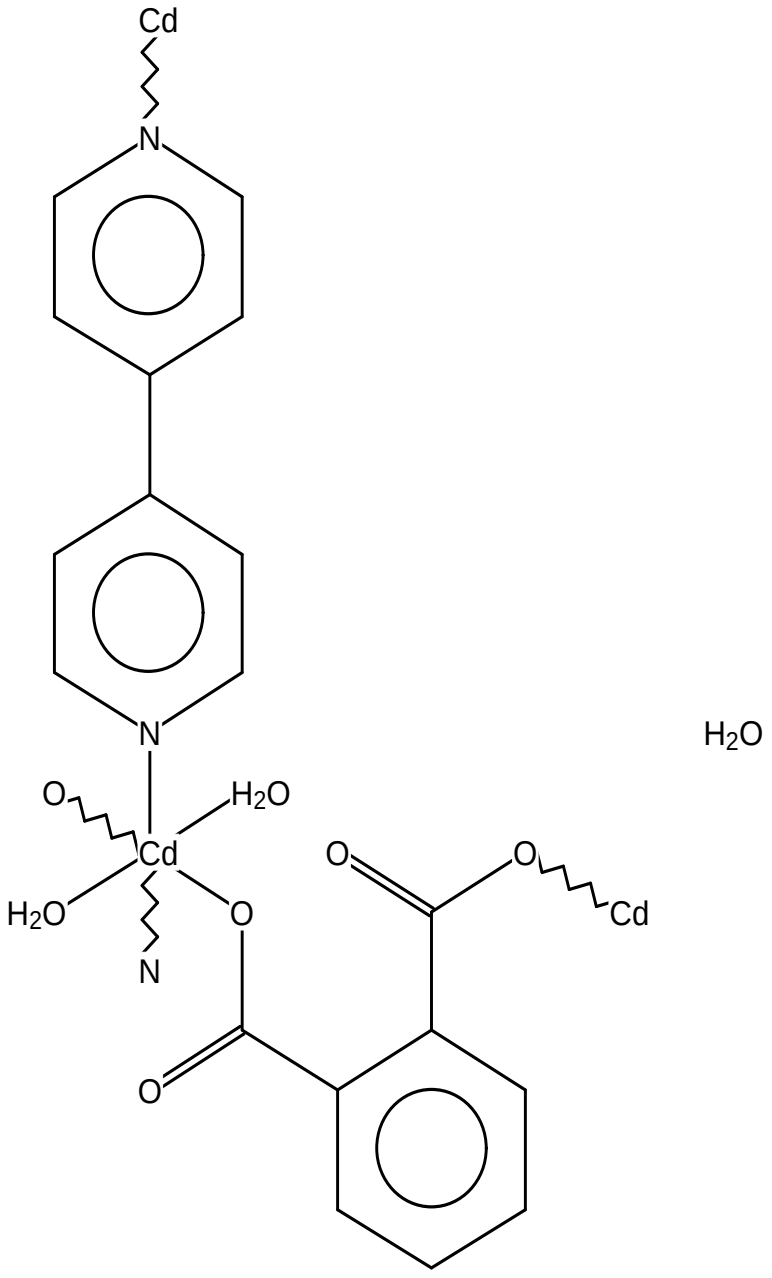
Reference: E.Suresh, K.Boopalan, R.V.Jasra, M.M.Bhadbhade (2001) *Inorg.Chem. ,***40,**4078

Formula: $(C_{18}\ H_{16}\ Cd_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[trans-(μ_2-1,2-Benzenedicarboxylato-O,O')-(μ_2-4,4'-bipyridine-N, N')-diaqua-cadmium(ii) dihydrate]

Space Group:	P2/n	***Cell:***	***a***	7.790(4)	***b***	11.647(2)	***c***	10.699(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.59(2)	γ	90.00

R-Factor (%): 2.71 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.729



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1623

NEDXOJ

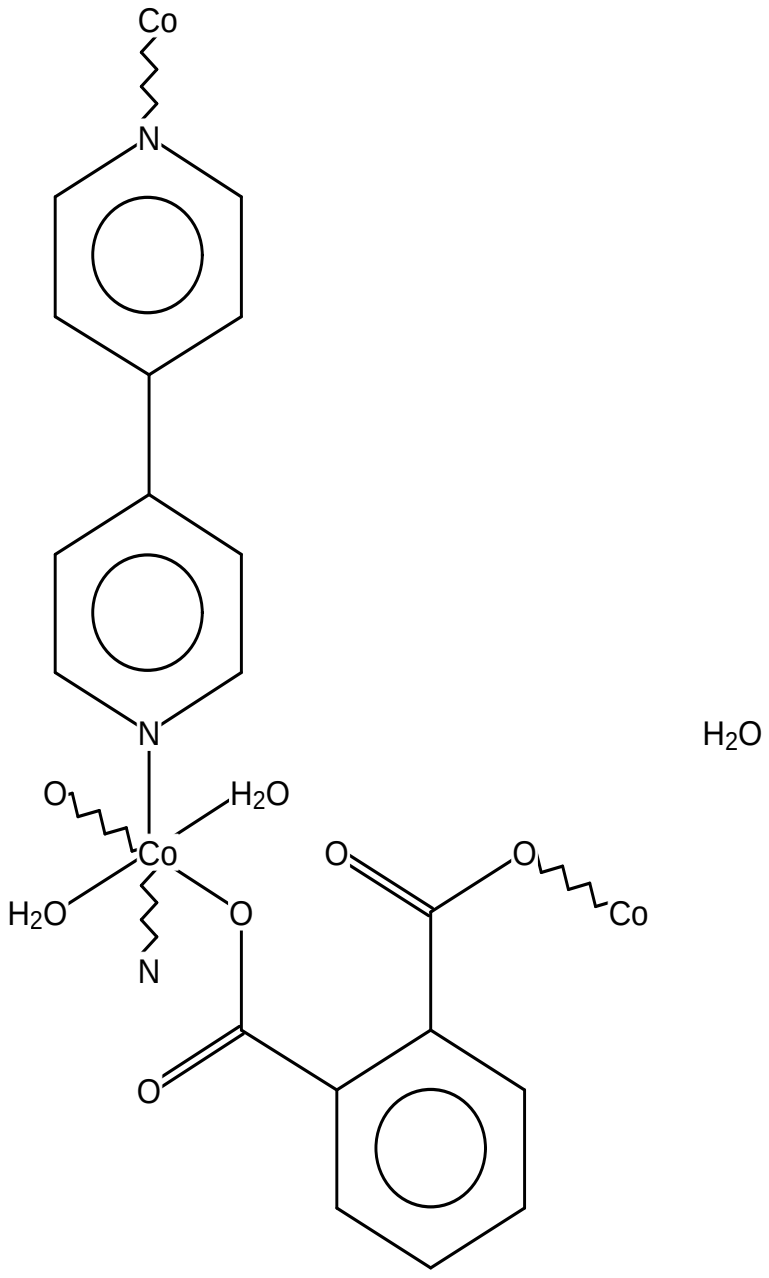
Reference: E.Suresh, K.Boopalan, R.V.Jasra, M.M.Bhadbhade (2001) *Inorg.Chem. ,***40,**4078

Formula: $(C_{18}\ H_{16}\ Co_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-1,2-Benzenedicarboxylato-O,O')-(μ_2-4,4'-bipyridine-N,N')-diaqua-cobalt(ii) dihydrate]

Space Group:	P2/n	***Cell:***	***a***	7.596(3)	***b***	11.300(3)	***c***	10.788(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.29(3)	γ	90.00

R-Factor (%):	7.14	***Temperature(K):***	293	***Density(g/cm^3):***	1.620



Search: search1 (Thu May 26 10:05:42 2011): Hit 1624

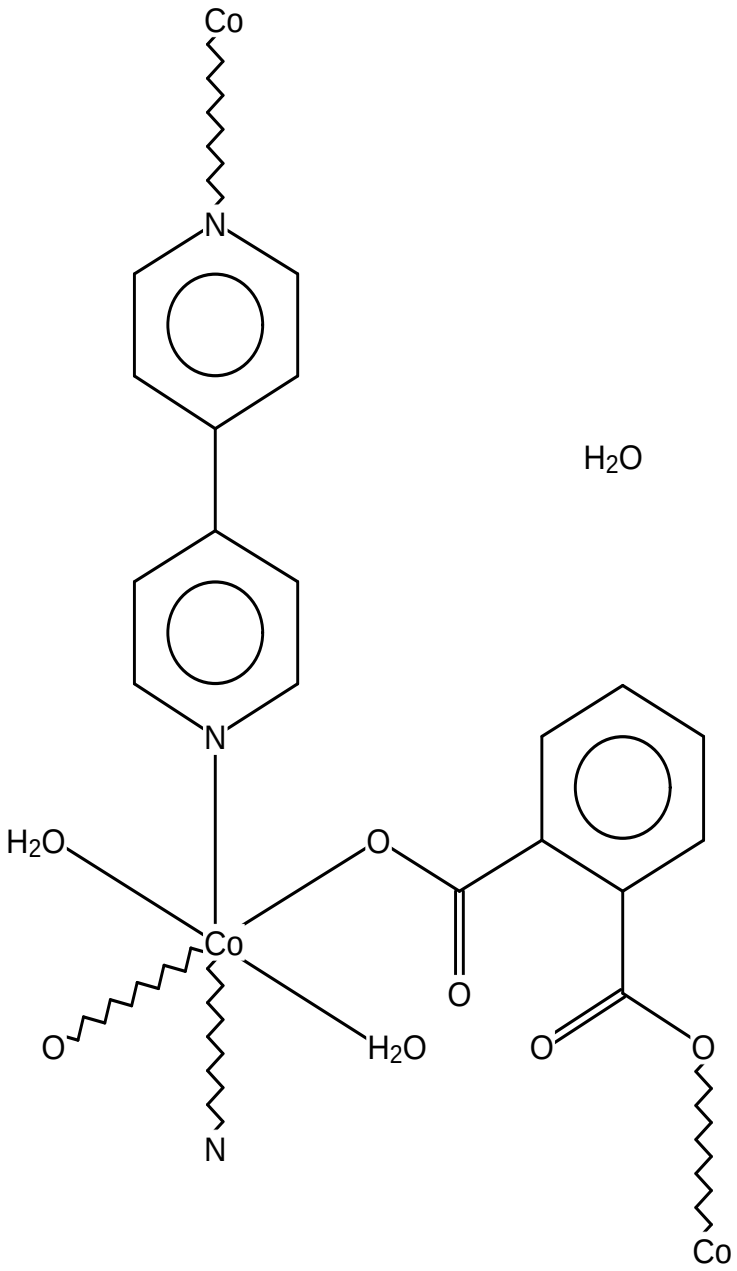
NEDXOJ01

Reference: R.Koeferstein, C.Robl (2007) *Z.Anorg.Allg.Chem.* ,**633,** 1127

Formula: $(C_{18}\ H_{16}\ Co_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-phthalato-O,O')-diaqua-cobalt(ii) dihydrate)

Space Group:	P2/n	***Cell:***	***a***	7.612(0)	***b***	11.357(0)	***c*** 10.809(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.28(0)	γ 90.00
R-Factor (%):	3.06	***Temperature(K):***	293		***Density(g/cm^3):***		1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1625

NEGYED

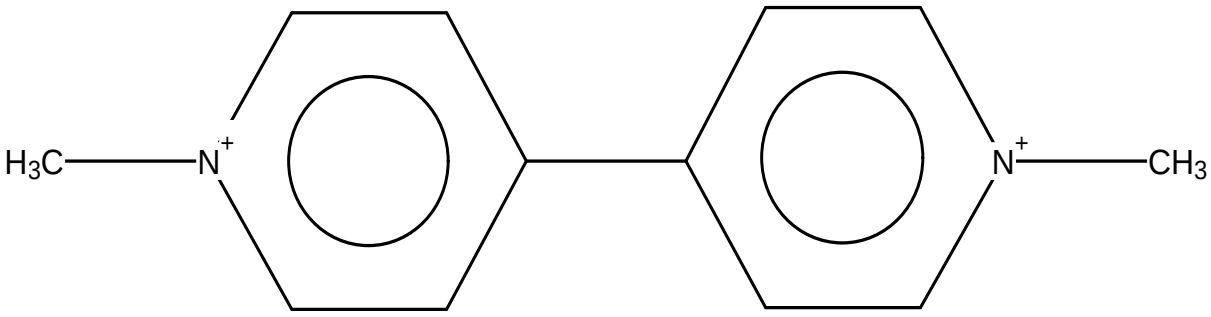
Reference: B.Scott, R.Willett, A.Saccani, F.Sandrolini, B.L.Ramakrishna (1996) *Inorg.Chim.Acta* ,**248,**73

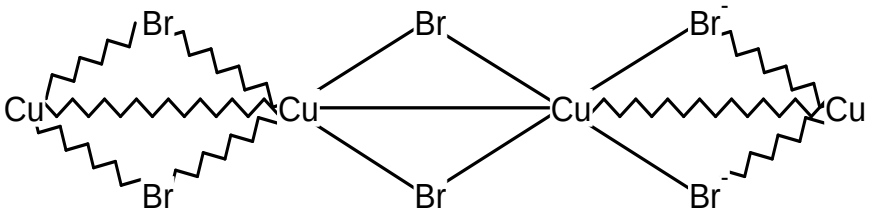
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Br_4\ Cu_2\ ^{2-})$

Compound Name: catena-(Paraquat tetrakis(μ_2-bromo)-di-copper(i))

Space Group:	P21/n	***Cell:***	***a***	8.715(6)	***b***	11.103(6)	***c***	17.386(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.02(4)	γ	90.00

R-Factor (%): 6.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.524





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1626

NEHJIU

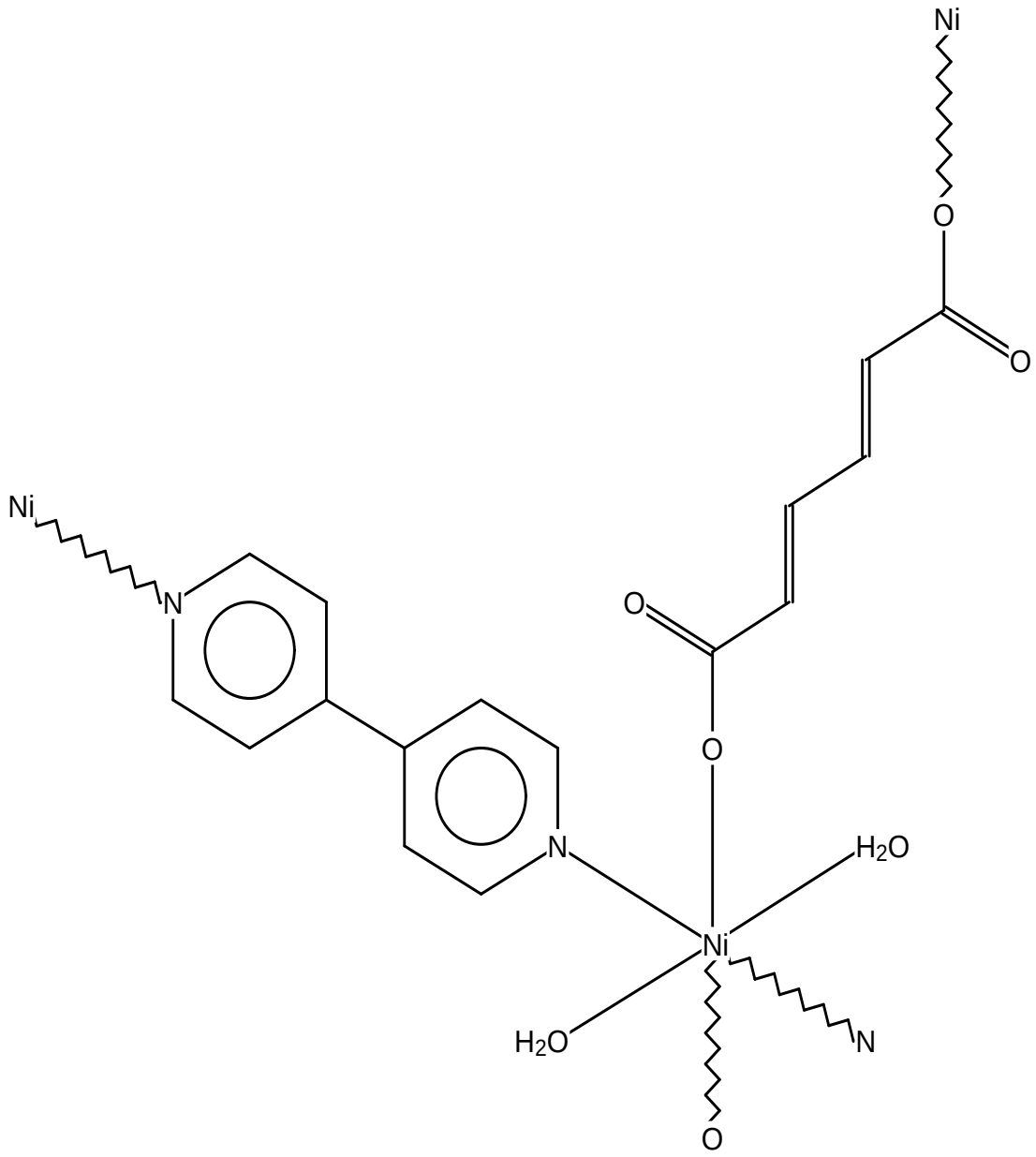
Reference: Baiquan Chen, Feilong Jiang, Lei Han, Benlai Wu, Daqiang Yuan, Mingyan Wu, Maochun Hong (2006) *Inorg.Chem.Commun.* ,**9,**371

Formula: $(C_{16}\ H_{16}\ N_2\ Ni_1\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-trans,trans-muconato-O,O')-diaqua-nickel(ii))

Space Group:	P3121	***Cell:***	***a***	11.220(0)	***b***	11.220(0)	***c*** 12.254(1)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.46 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.458



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1627

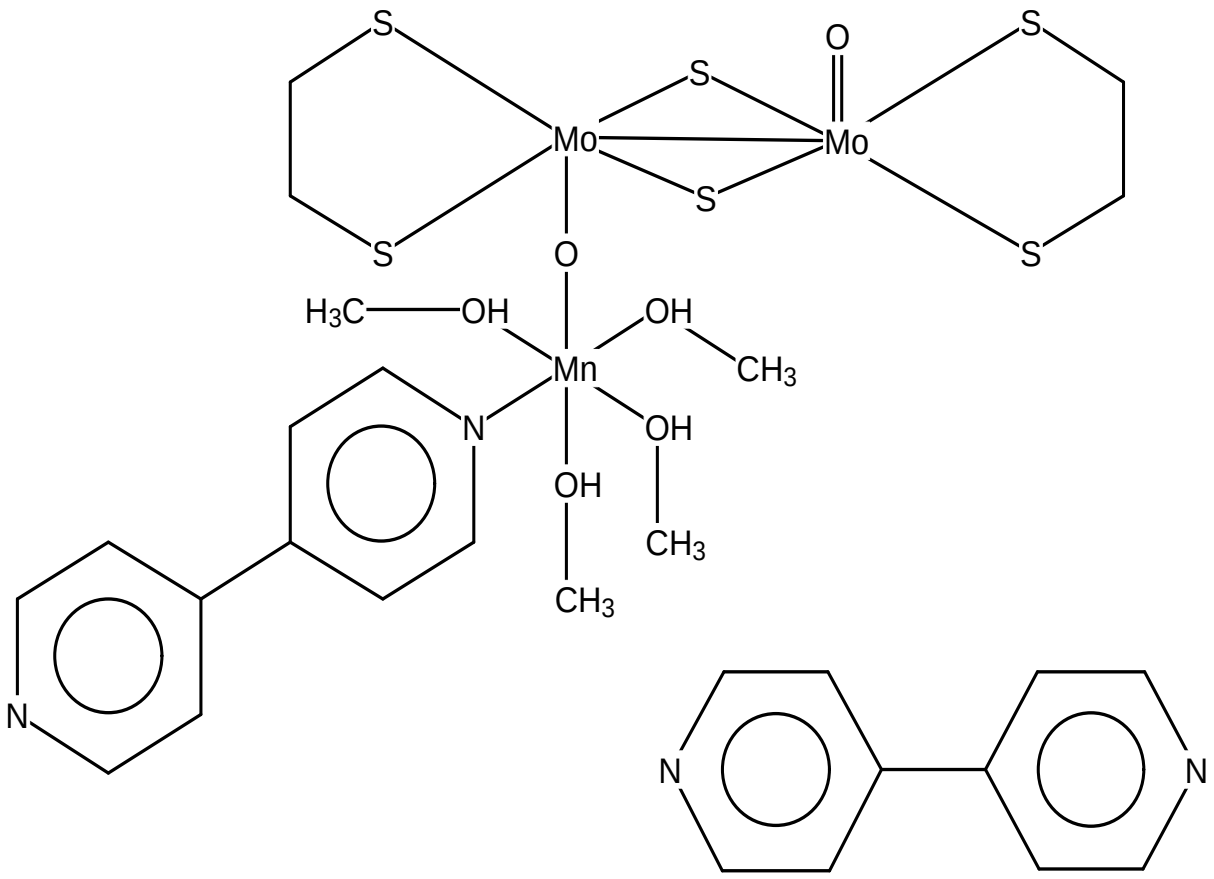
NEKTAZ

Reference: Ping Lin, W.Clegg, R.W.Harrington, R.A.Henderson, A.J.Fletcher, J.Bell, K.M.Thomas (2006) *Inorg.Chem. ,***45,**4284

Formula: $C_{18}\ H_{32}\ Mn_1\ Mo_2\ N_2\ O_6\ S_6,0.5(C_{10}\ H_8\ N_2)$

Compound Name: (μ_2-Oxo)-bis(μ_2-sulfido)-bis(ethane-1,2-dithiolato)-(4,4'-bipyridine)-trimethanol-oxo-manganese(ii)-di-molybdenum(v) 4,4'-bipyridine solvate

Space Group:	Pbca	***Cell:***	***a***	15.382(0)	***b***	18.248(0)	***c***	23.924(1)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.12	***Temperature(K):***	150		***Density(g/cm^3):***	1.760		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1628

NELJOD

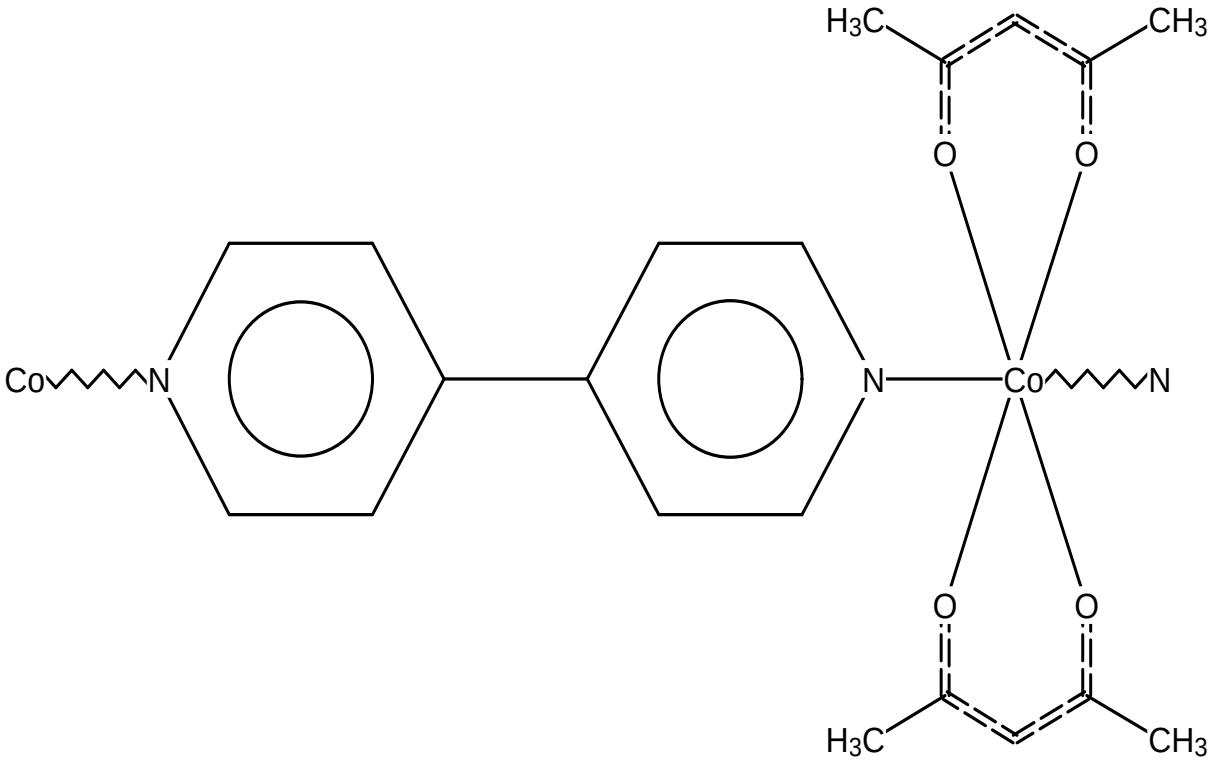
Reference: Bao-Qing Ma, Song Gao, Tao Yi, Guang-Xian Xu (2001)
*Polyhedron ,***20,**1255

Formula: $(C_{20}\ H_{22}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(acetylacetonato)-cobalt)

Space Group:	P21/n	***Cell:***	***a***	11.339(2)	***b***	14.712(3)	***c***	11.482(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.70(3)	γ	90.00

R-Factor (%): 8.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.438



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1629

NELLOF

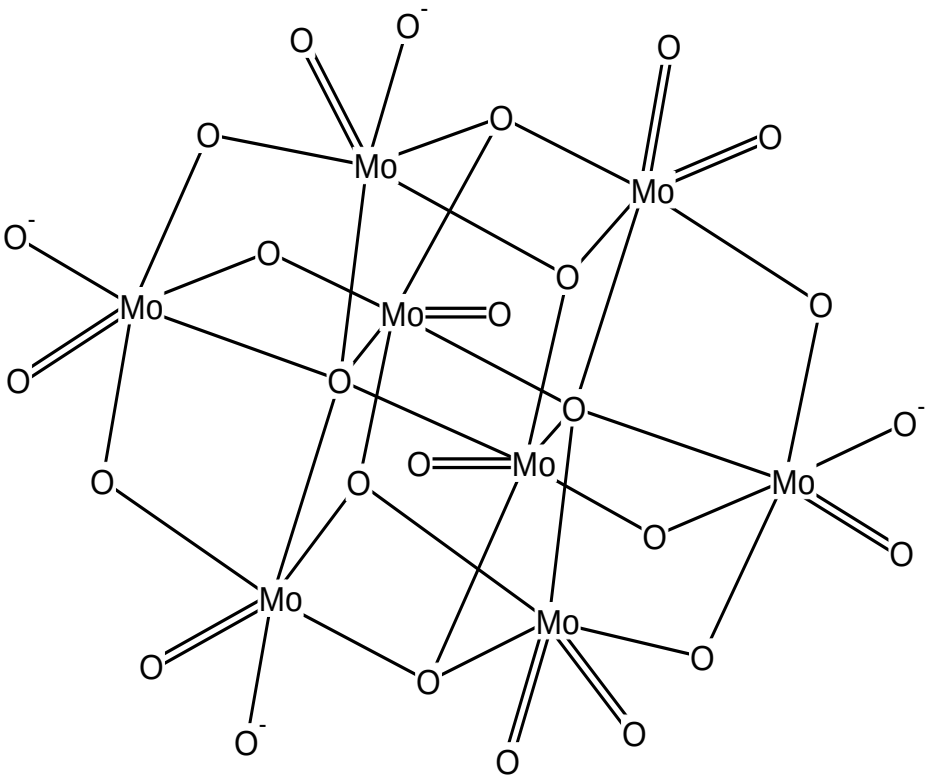
Reference: Chuan-De Wu, Can-Zhong Lu, Hong-Hui Zhuang, Jin-Shun Huang (2001) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**57,** m349

Formula: $Mo_8\ O_{26}\ ^{4-},2(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_5-oxo)-tetrakis(μ_3-oxo)-hexakis(μ_2-oxo)-tetradecaoxo-octa-molybdenum

Space Group:	P21/n	***Cell:***	***a***	10.749(0)	***b***	15.226(0)	***c***	10.783(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.84(0)	γ	90.00

R-Factor (%): 2.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.829


O
O-
Mo
O
O-
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1630

NELLOF01

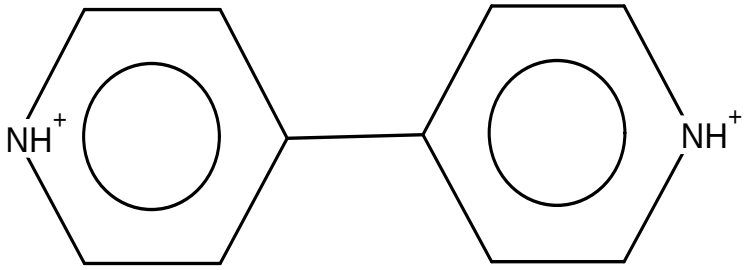
Reference: Zi-liang Wang, Lin-heng Wei, Jing-ping Wang (2005)
Huaxue Yanjiu(Chin.)(Chem.Res.) ,**16,**42-4

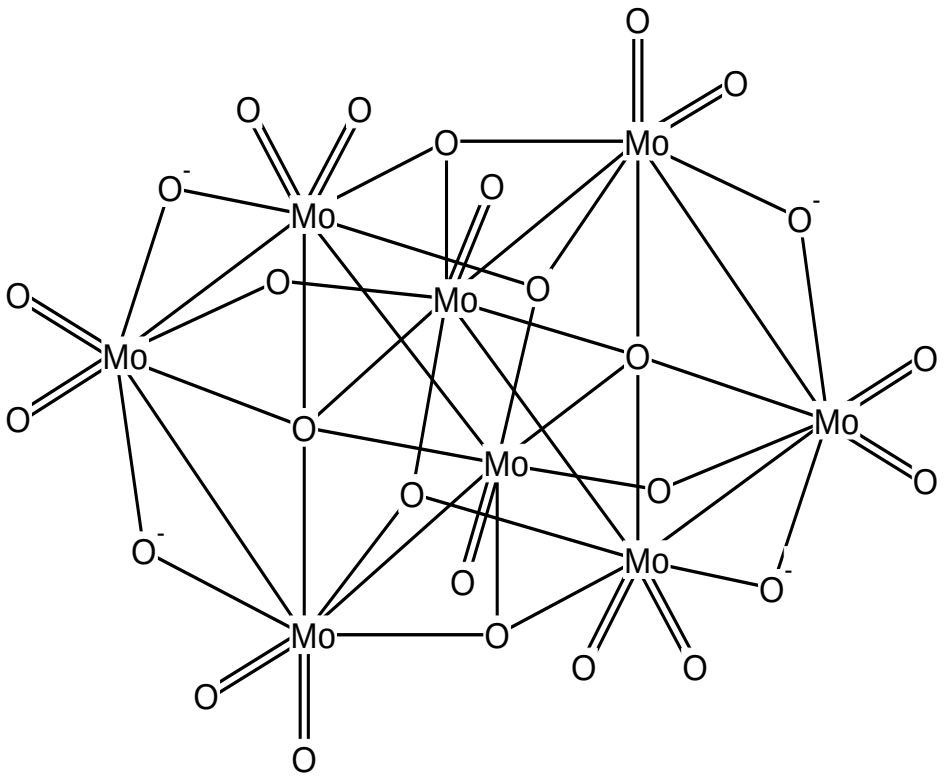
Formula: $Mo_8\ O_{26}\ ^{4-},2(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_5-oxo)-tetrakis(μ_3-oxo)-hexakis(μ_2-oxo)-tetradecaoxo-octa-molybdenum

Space Group:	P21/n	***Cell:***	***a***	10.719(2)	***b***	15.193(3)	***c*** 10.764(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.77(3)	γ 90.00

R-Factor (%): 3.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.848





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1631

NELLOF02

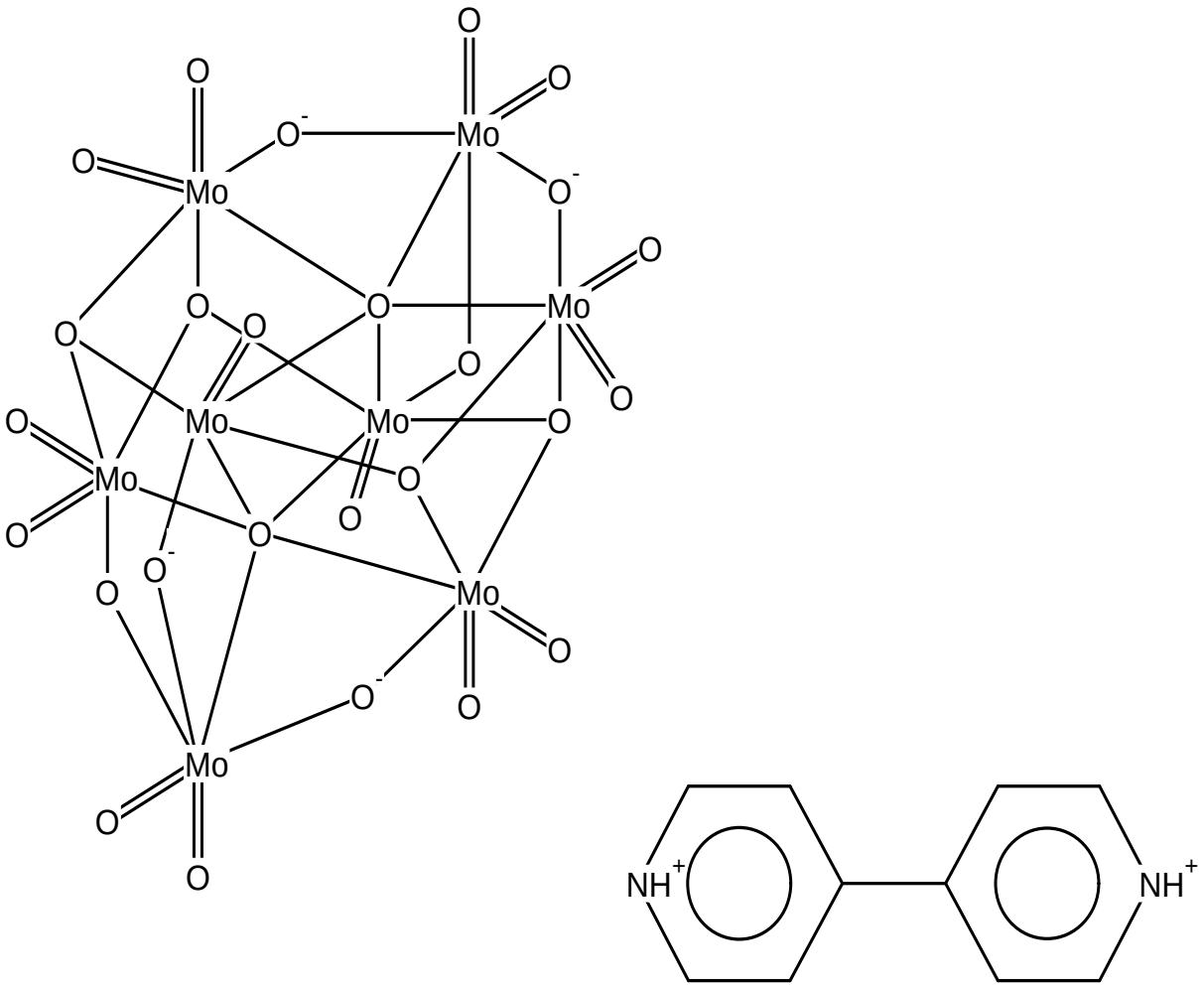
Reference: XinZe Luo, HongYou Guo, JingHua Yu (2007)
Beijing Huagong Dax.Xue.Zir.Kex.(Chin.)(J.Beijing Univ.Chem.Technol.,Nat.Sci.Ed.) , **34,**267

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),Mo_8\ O_{26}\ ^{4-}$

Compound Name: bis(4,4'-Bipyridinium) bis(μ_5-oxo)-tetrakis(μ_3-oxo)-hexakis(μ_2-oxo)-tetradecaoxo-octa-molybdenum

Space Group:	P21/n	***Cell:***	***a***	10.720(0)	***b***	15.182(0)	***c*** 10.746(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.79(0)	γ 90.00

R-Factor (%): 2.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.854



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1632

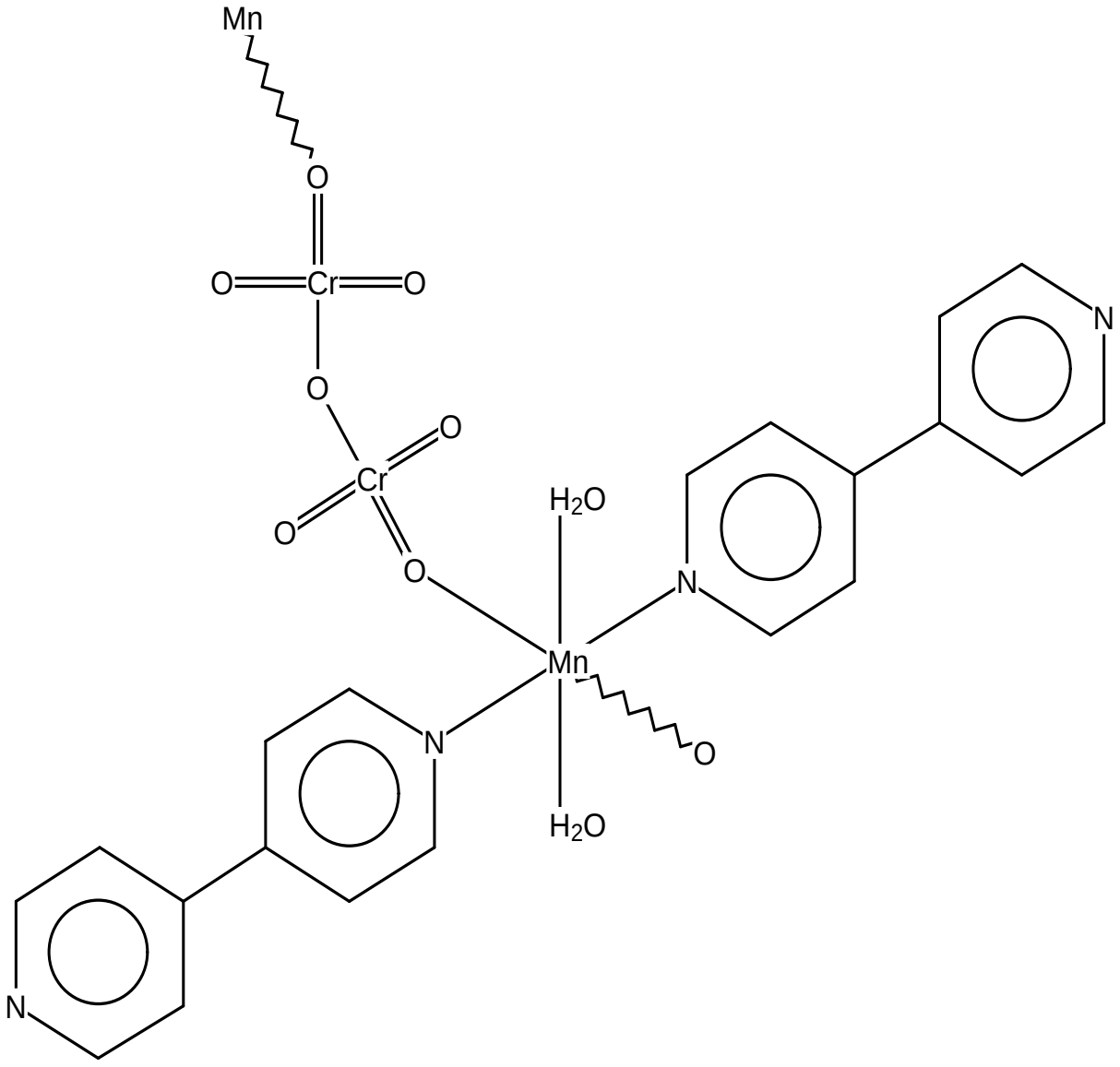
NENBOX

Reference: Y.Hayashi, T.Tagami, H.Mano, A.Uehara (2001)
Chem.Lett. ,562

Formula: $(C_{20}\ H_{20}\ Cr_2\ Mn_1\ N_4\ O_9)n$

Compound Name: catena-((μ_2-Dichromato)-bis(4,4'-bipyridine)-diaqua-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	8.263(1)	***b*** 10.259(1)	***c***	7.504(0)
Space Group No.:	2	***(Å,°)***	α	94.01(0)	β 109.02(0)	γ	82.75(1)
R-Factor (%):	5.76	***Temperature(K):***	297		***Density(g/cm^3):***	1.725	



Search: search1 (Thu May 26 10:05:42 2011): Hit 1633

NENCAK

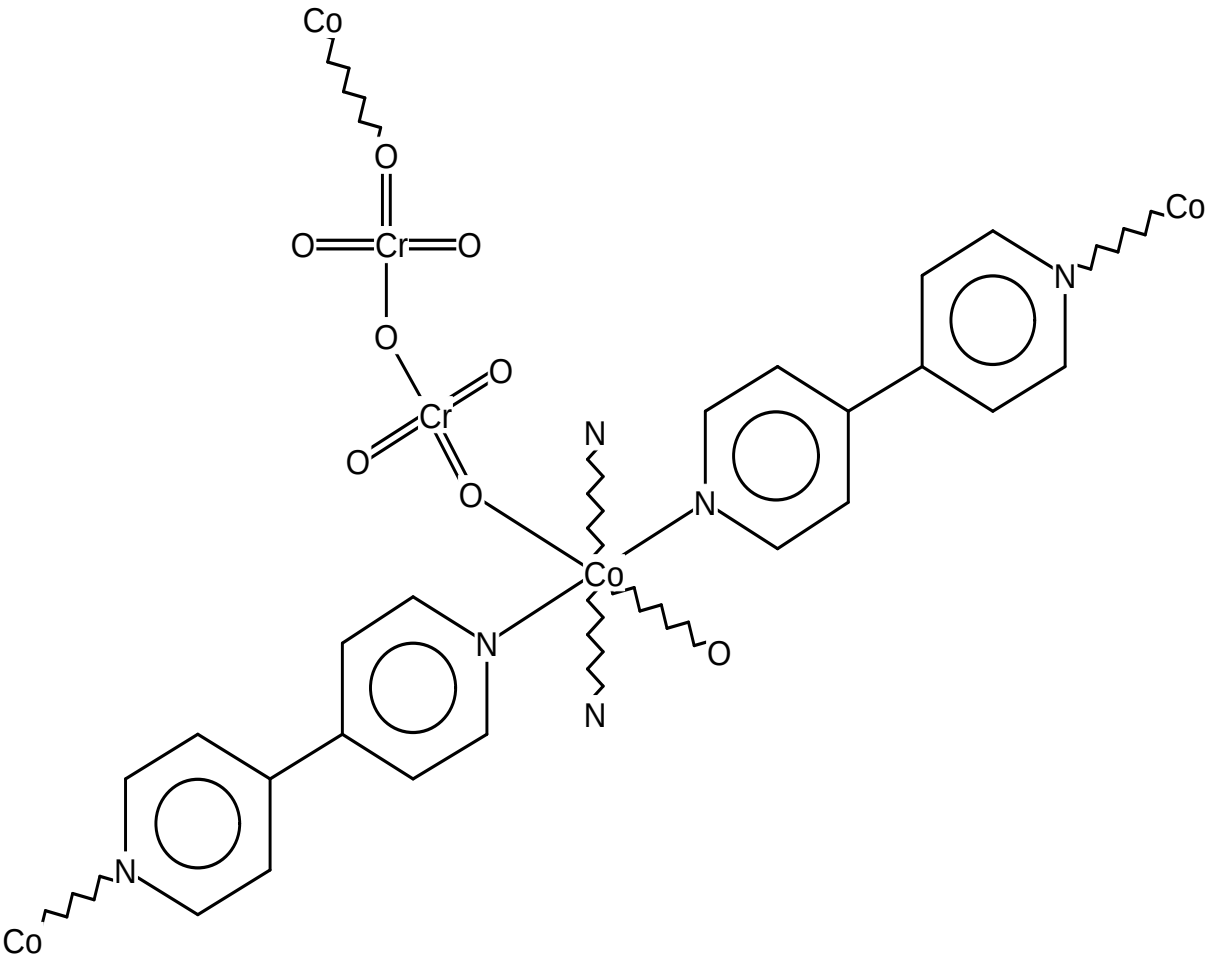
Reference: Y.Hayashi, T.Tagami, H.Mano, A.Uehara (2001)
Chem.Lett. ,562

Formula: $(C_{20}\ H_{16}\ Co_1\ Cr_2\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-dichromato)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	21.357(0)	***b*** 15.316(0)	***c***	16.860(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.40(0)	γ	90.00

R-Factor (%): 5.20 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.781



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1634

NENCAK01

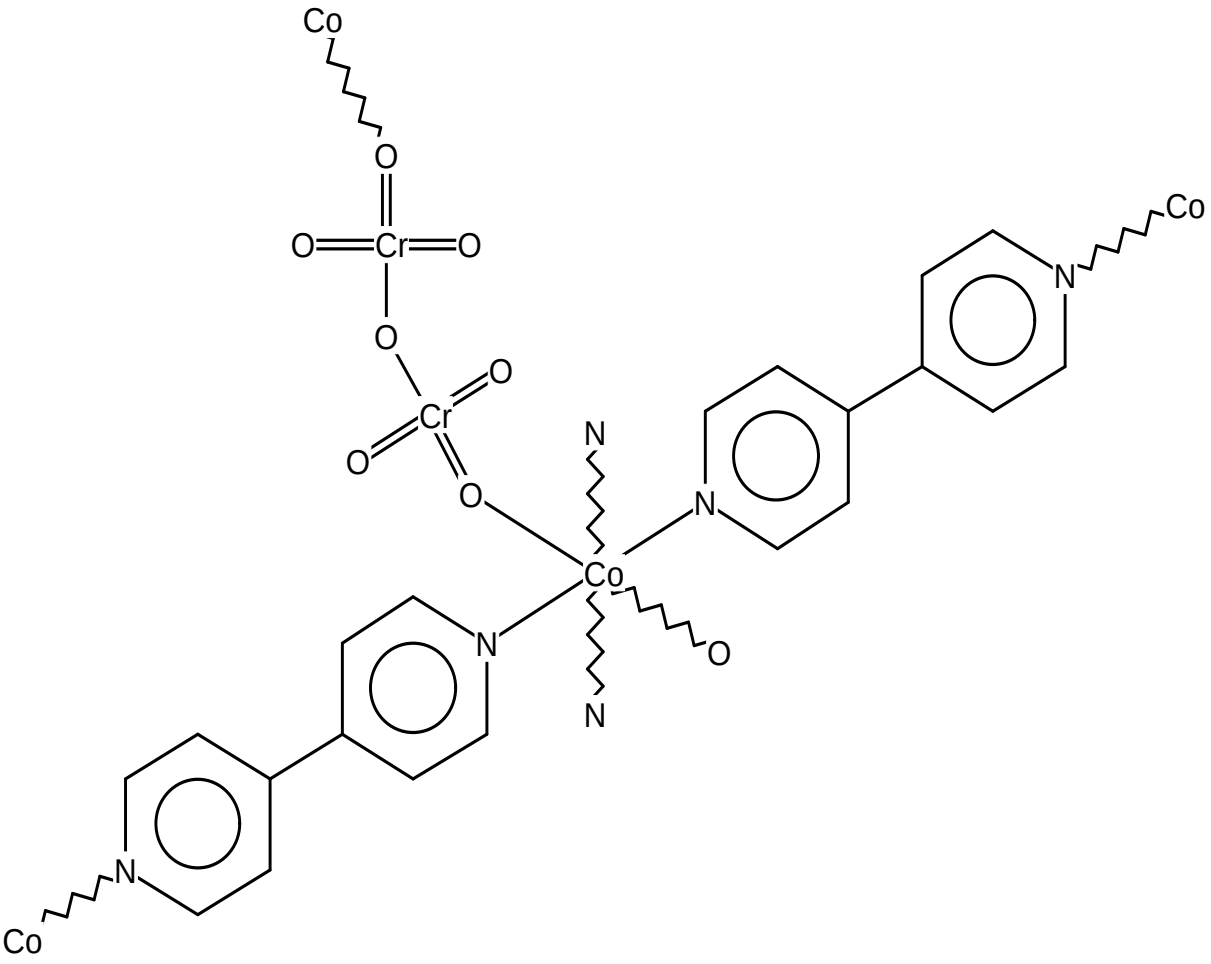
Reference: Y.Hayashi, T.Tagami, H.Mano, A.Uehara (2001)
Chem.Lett. ,562

Formula: $(C_{20}\ H_{16}\ Co_1\ Cr_2\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-dichromato)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	21.518(2)	***b*** 15.304(1)	***c***	16.881(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.30(0)	γ	90.00

R-Factor (%): 6.76 ***Temperature(K):*** 288 ***Density(g/cm^3):*** 1.764



Search: search1 (Thu May 26 10:05:42 2011): Hit 1635

NENCAK02

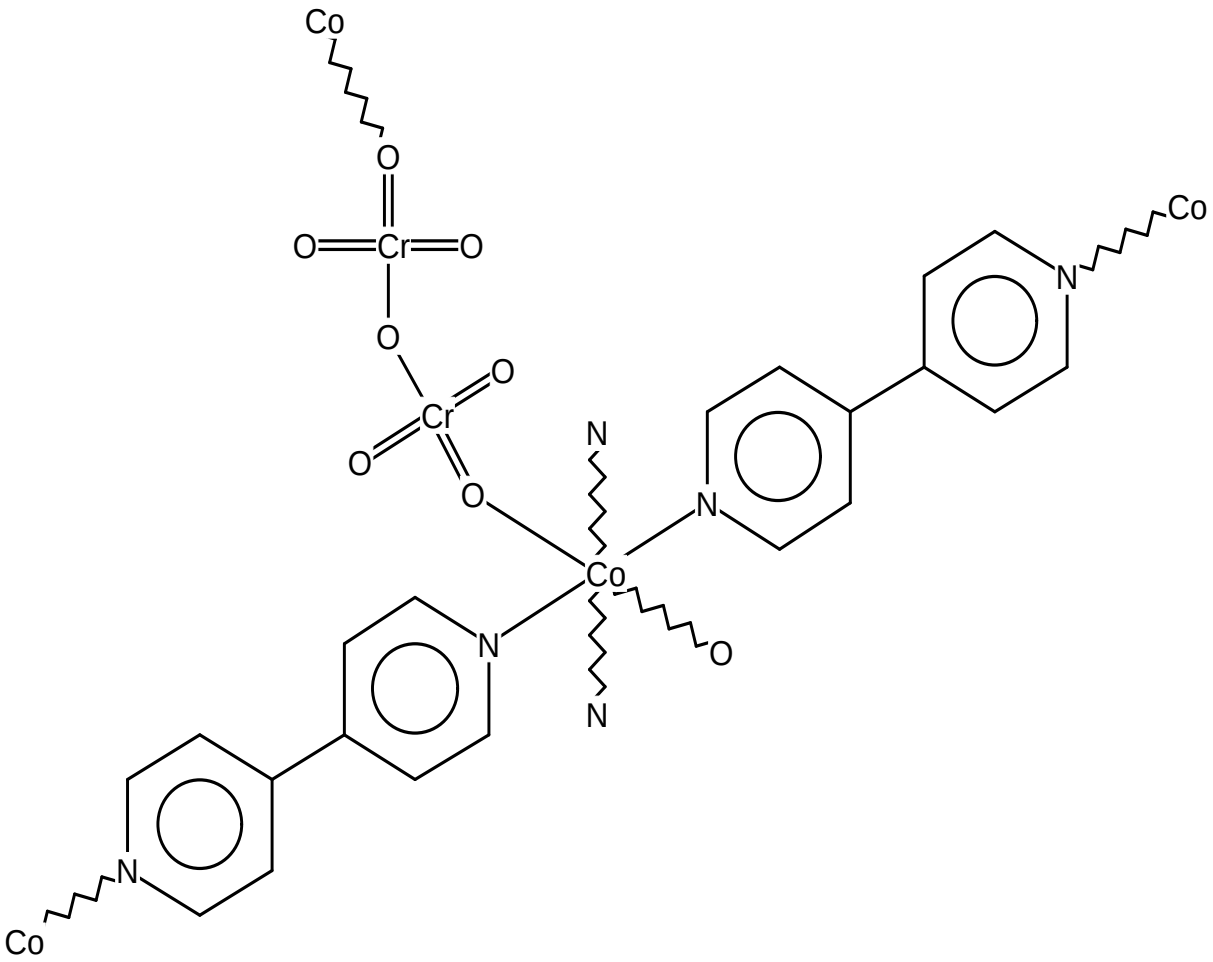
Reference: Xiao-Yan Chen, Bin Zhao, Peng Cheng, Bin Ding, Dai-Zheng Liao, Shi-Pin Yan, Zong-Hui Jiang (2004) *Eur.J.Inorg.Chem.* ,562

Formula: $(C_{20}\ H_{16}\ Co_1\ Cr_2\ N_4\ O_7)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-dichromato)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	21.512(8)	***b*** 15.328(6)	***c***	16.904(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.18(0)	γ	90.00

R-Factor (%): 5.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.757



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1636

NENNIE

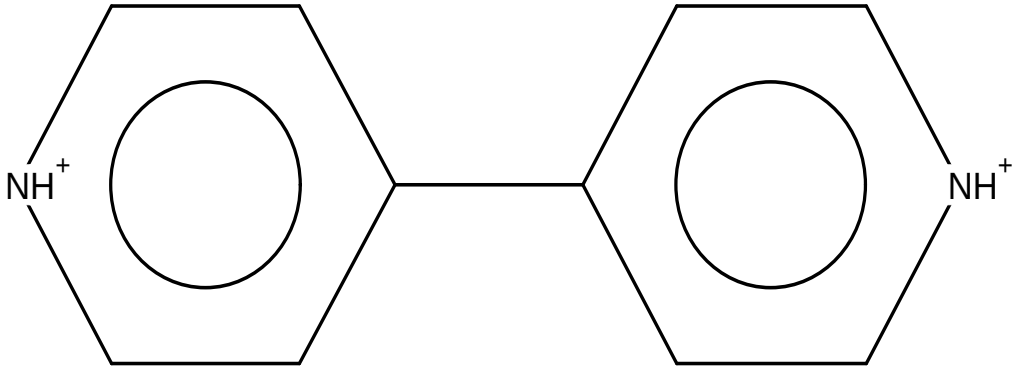
Reference: Xiang-Pei Zhang, Guang Yang, S.W.Ng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2018

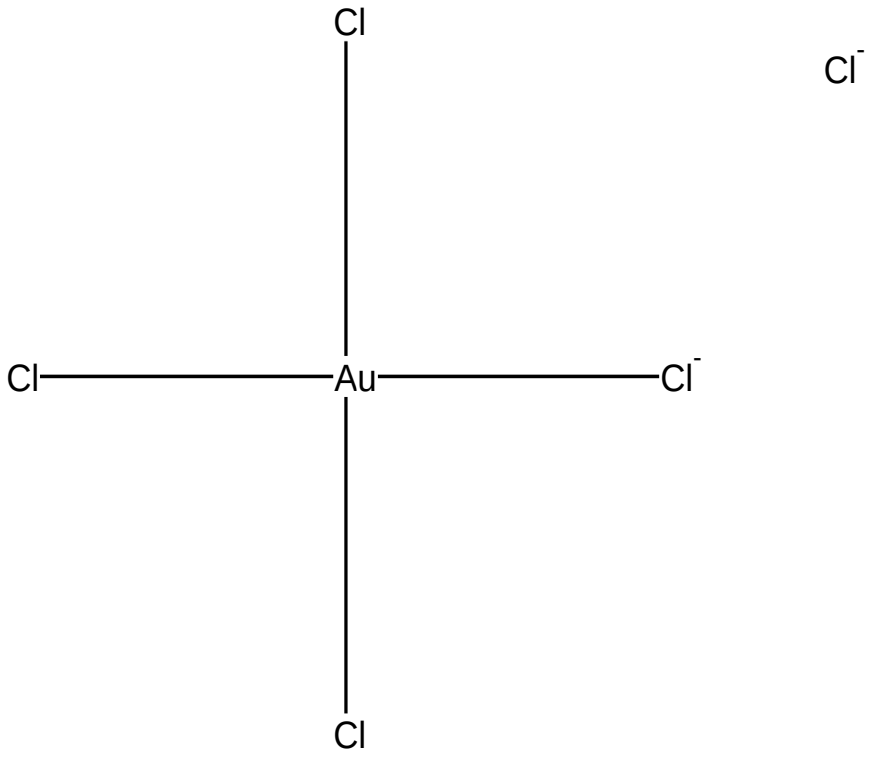
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$Au_1\,Cl_4\,^{1-}$,$Cl_1\,^{1-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-gold(iii) chloride

Space Group:	Ibam	***Cell:***	***a***	7.822(0)	***b***	12.901(0)	***c***	14.732(1)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	2.20	***Temperature(K):***	291	***Density(g/cm^3):***	2.379





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1637

NEPWOU

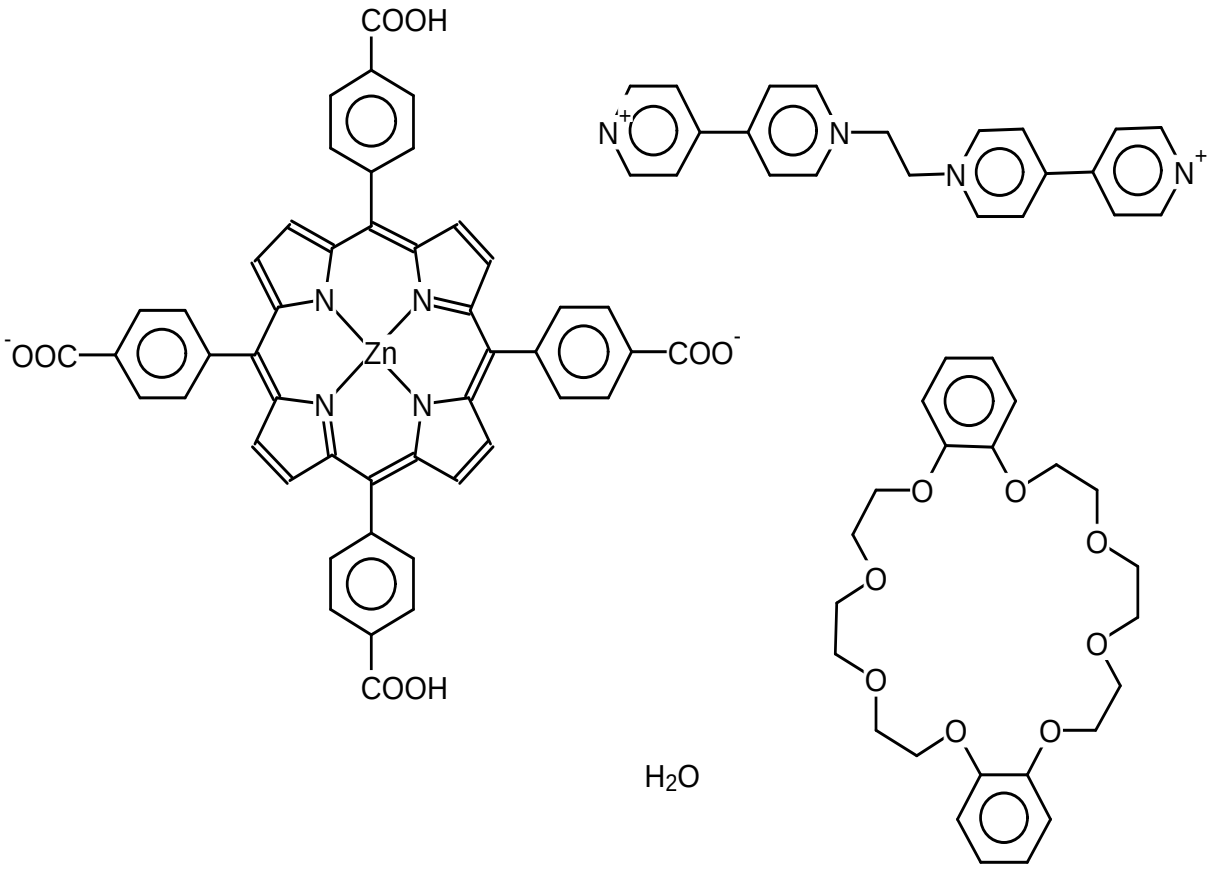
Reference: Y.Diskin-Posner, G.K.Patra, I.Goldberg (2001)
Eur.J.Inorg.Chem. ,2515

Formula: $C_{48}\,H_{26}\,N_4\,O_8\,Zn_1\,^{2-}$,$C_{22}\,H_{20}\,N_4\,^{2+}$,$C_{24}\,H_{32}\,O_8$,4($H_2\,O_1$)

Compound Name: 1,2-bis(4,4'-Bipyridinio)ethane (5,10,15,20-tetrakis(4-carboxyphenyl) porphyrinato)-zinc(ii) dibenzo-24-crown-8 tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	8.070(0)	***b***	23.570(0)	***c*** 22.314(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.68(0)	γ 90.00

R-Factor (%): 10.55 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.356



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1638

NERGEX

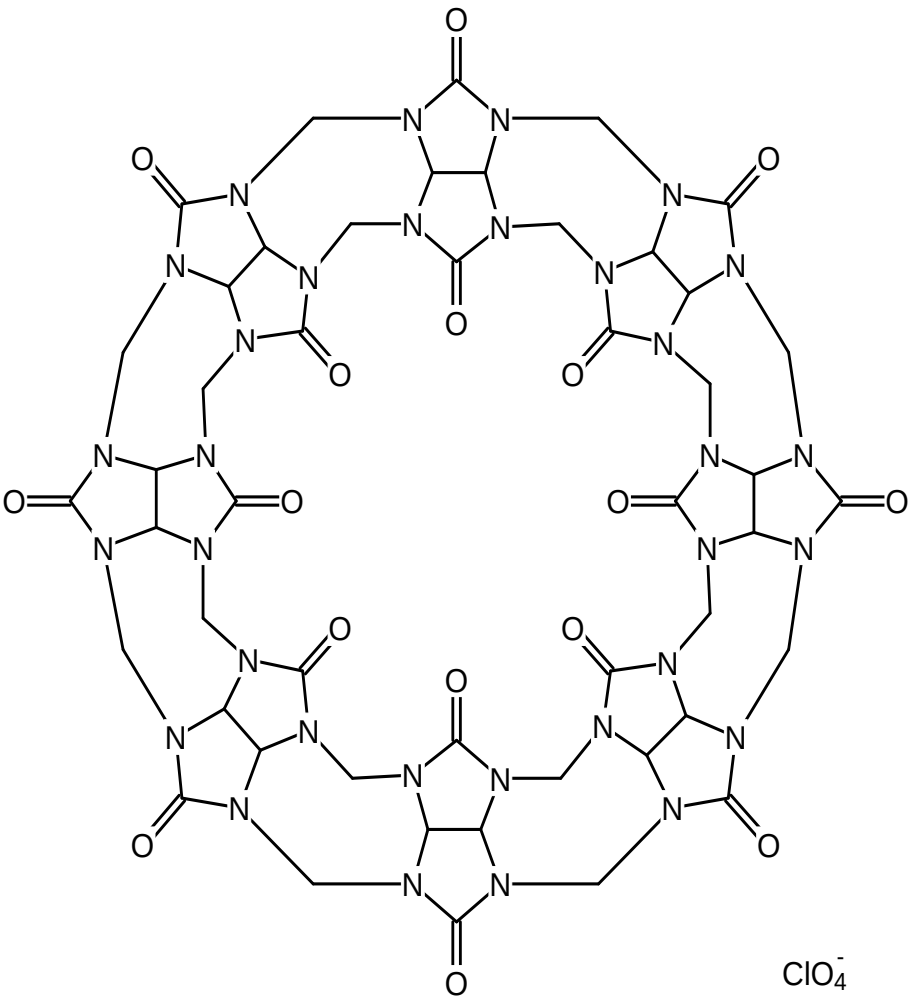
Reference: T.V.Mit'kina, D.Yu.Naumov, N.V.Kurat'eva, O.A.Geras'ko, V.P.Fedin (2006)
*Izv.Akad.Nauk SSSR,Ser.Khim.(Russ.)(Russ.Chem.Bull.) ,*25

Formula: $2(C_{14}H_{23}Cu_1N_5O_1{}^{2+}),4(Cl_1O_4{}^{1-}),C_{48}H_{48}N_{32}O_{16},11(H_2O_1)$

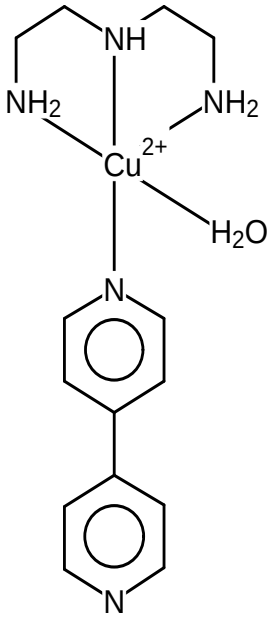
Compound Name: bis-(aqua-(4,4'-bipyridyl)-(diethylenetriamine)-copper(ii)) tetrakis(perchlorate) cucurbit(8)uril undecahydrate

Space Group:	P-1	***Cell:***	***a***	14.631(1)	***b***	14.654(0)	***c*** 15.461(1)
Space Group No.:	2	***(Å,°)***	α	64.68(0)	β	68.72(0)	γ 74.99(0)

R-Factor (%): 6.23 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.562



ClO_4^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1639

NERKUQ

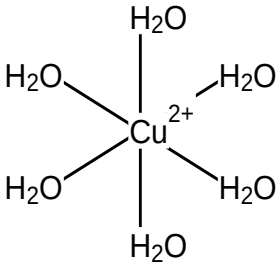
Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao, Guang-Xian Xu (2001) *Inorg.Chem.* ,**40,**6247

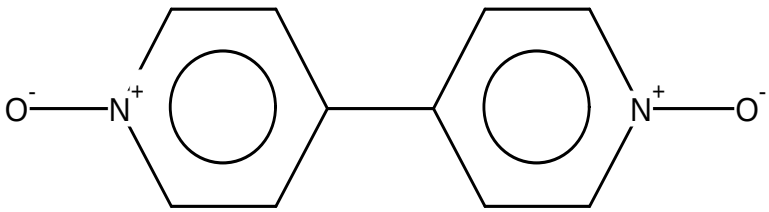
Formula: $2(C_{10}\ H_8\ N_2\ O_2),H_{12}\ Cu_1\ O_6\ ^{2+},2(Cl_1\ ^{1-}),2(H_2\ O_1)$

Compound Name: Hexa-aqua-copper(ii) dichloride (4,4'-bipyridine-N,N'-dioxide) solvate dihydrate

Space Group:	P-1	***Cell:***	***a***	6.732(0)	***b***	10.254(1)	***c***	10.423(4)
Space Group No.:	2	***(Å,°)***	α	85.09(2)	β	72.81(1)	γ	89.23(1)

R-Factor (%): 2.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.588





Cl^-

H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1640

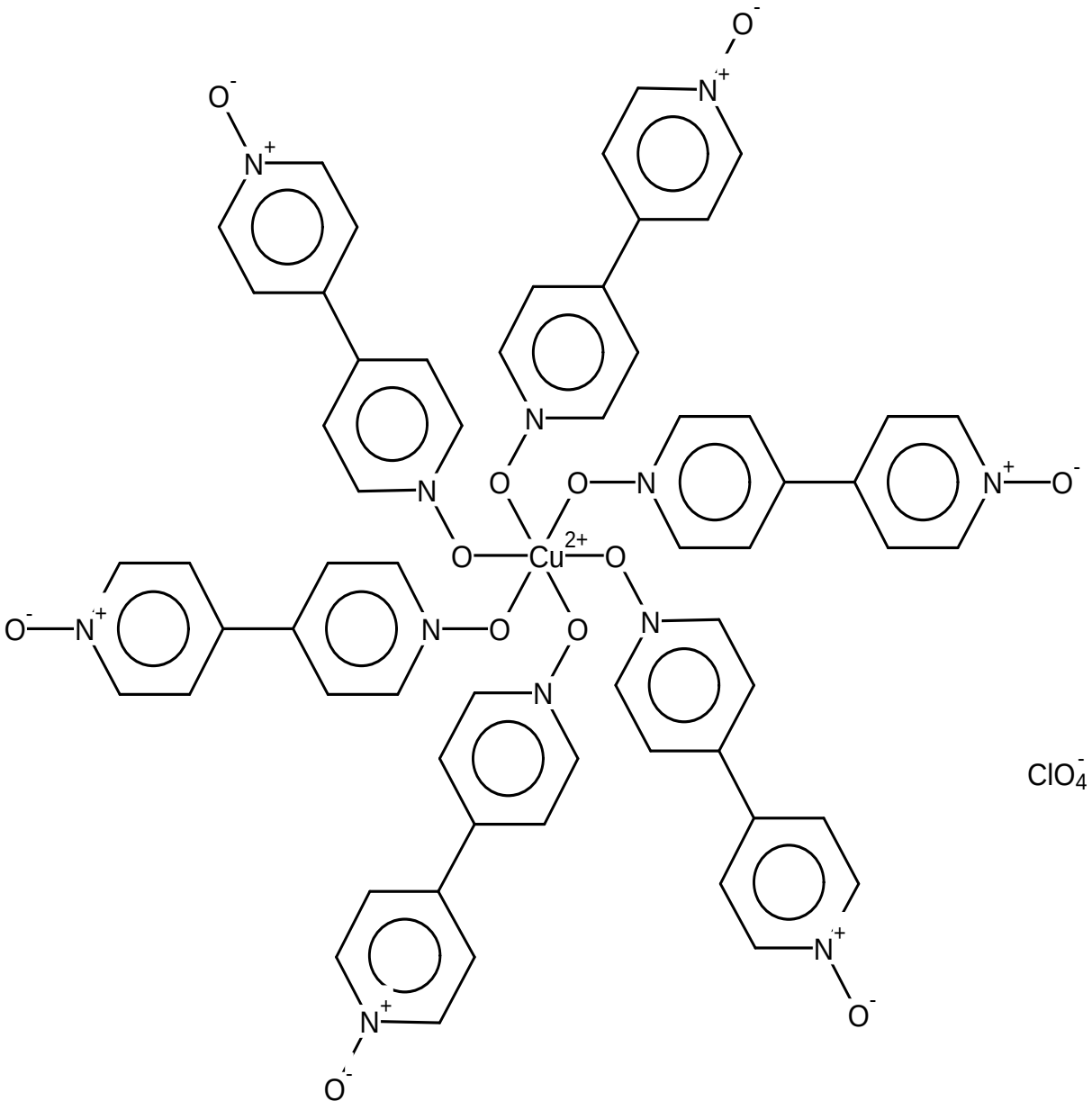
NERLAX

Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao, Guang-Xian Xu (2001) *Inorg.Chem.* ,**40,**6247

Formula: $C_{60}\ H_{48}\ Cu_1\ N_{12}\ O_{12}\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$)

Compound Name: hexakis(4,4'-Bipyridine-N,N'-dioxide-O)-copper(ii) diperchlorate

Space Group:	P-1	***Cell:***	***a***	8.973(0)	***b***	11.663(1)	***c*** 14.369(1)
Space Group No.:	2	***(Å,°)***	α	104.72(0)	β	97.28(0)	γ 98.25(0)
R-Factor (%):	6.44	***Temperature(K):***	293	***Density(g/cm^3):***	1.629		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1641

NERLEB

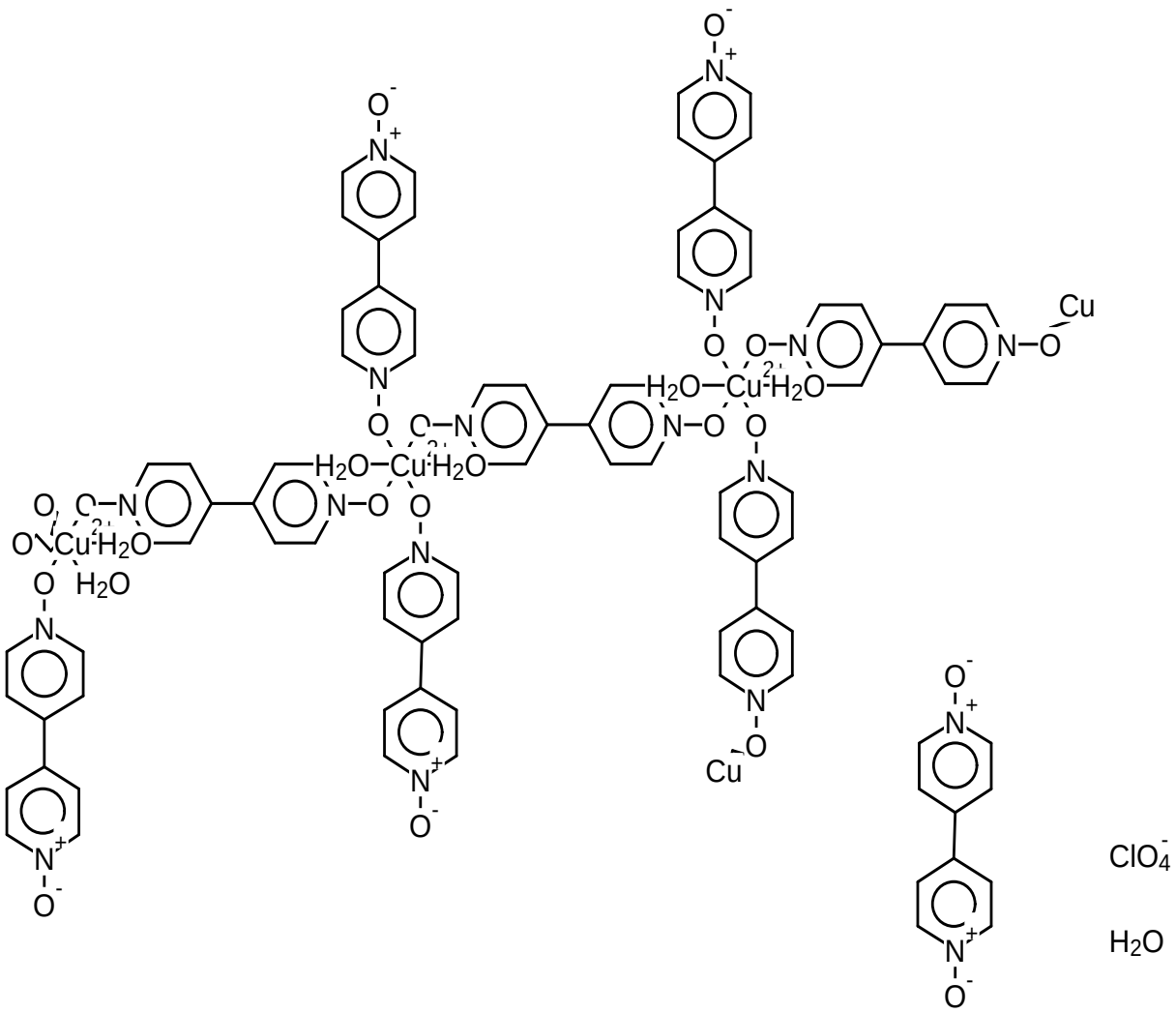
Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao, Guang-Xian Xu (2001) *Inorg.Chem.* ,**40,**6247

Formula: $(C_{80}\ H_{76}\ Cu_3\ N_{16}\ O_{22}\ ^{6+})n,6n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2\ O_2),6n(H_2\ O_1)$

Compound Name: catena-(tetrakis((μ$_2$-4,4'-Bipyridine-N,N'-dioxide-O,O')-hexa-aqua-(4,4'-bipyridine-N,N'-dioxide-O))-tri-copper(ii) hexaperchlorate 4,4'-bipyridine-N,N'-dioxide solvate hexahydrate)

Space Group:	P21/c	***Cell:***	***a***	18.384(0)	***b*** 16.542(0)	***c***	20.911(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.45(0)	γ	90.00

R-Factor (%): 7.31 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.608



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1642

NERLOL

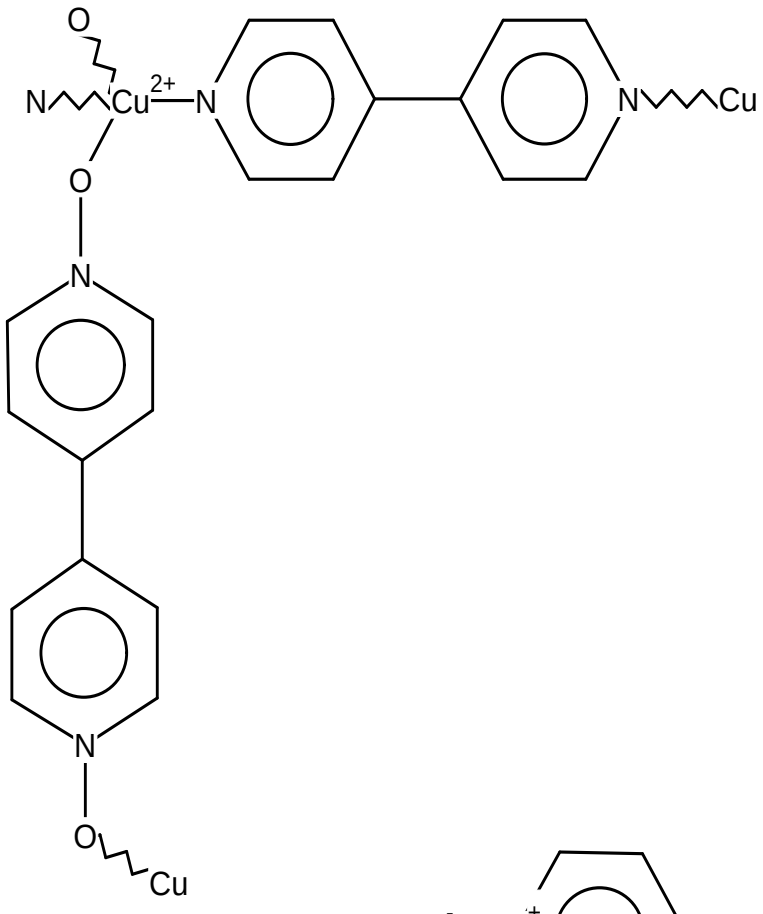
Reference: Bao-Qing Ma, Hao-Ling Sun, Song Gao, Guang-Xian Xu (2001) *Inorg.Chem.* ,**40,**6247

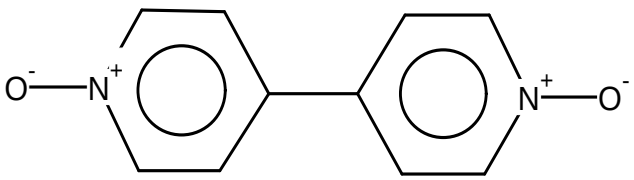
Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(C_{10}\ H_8\ N_2\ O_2),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-copper(ii) diperchlorate N,N'-bipyridine-N,N'-dioxide dihydrate)

Space Group:	P2/n	***Cell:***	***a***	6.832(0)	***b***	11.058(0)	***c*** 22.000(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β	97.25(0)	γ 90.00

R-Factor (%): 5.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.674





ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1643

NERQAC

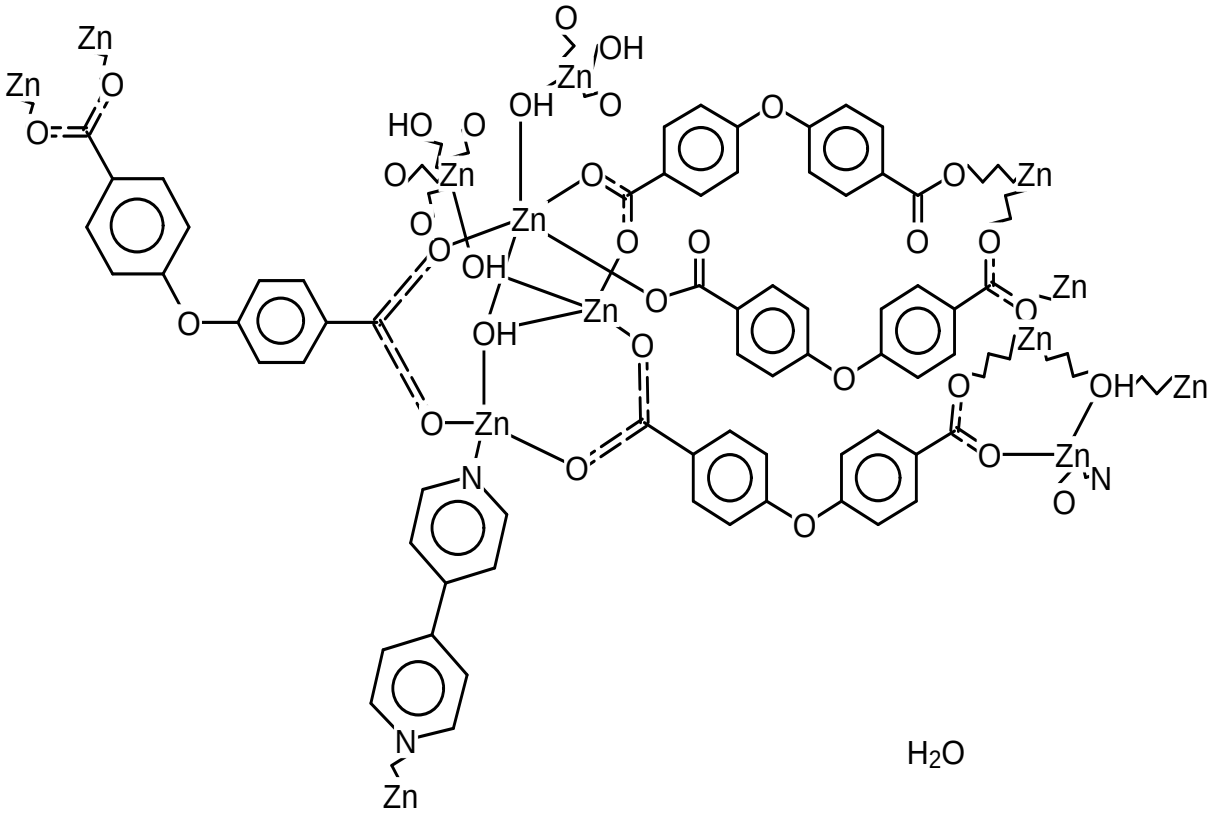
Reference: Jun Tao, Jian-Xin Shi, Ming-Liang Tong, Xiao-Xia Zhang, Xiao-Ming Chen (2001) *Inorg.Chem.* ,**40,**6328

Formula: $(C_{66}\ H_{44}\ N_2\ O_{24}\ Zn_6)n,n(H_2\ O_1)$

Compound Name: catena-(bis((μ4-4,4'-Oxy-bis(benzoato-O,O',O'',O''')))-(μ3-4,4'-oxy-bis(benzoato-O,O',O'')))-bis(μ3-hydroxo)-bis(μ2-hydroxo)-(μ2-4,4'-bipyridine-N,N')-hexa-zinc monohydrate)

Space Group:	C2/c	***Cell:***	***a***	28.419(14)	***b***	9.572(3)	***c***	24.162(13)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.78	γ	90.00

R-Factor (%): 4.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.677



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1644

NETYER

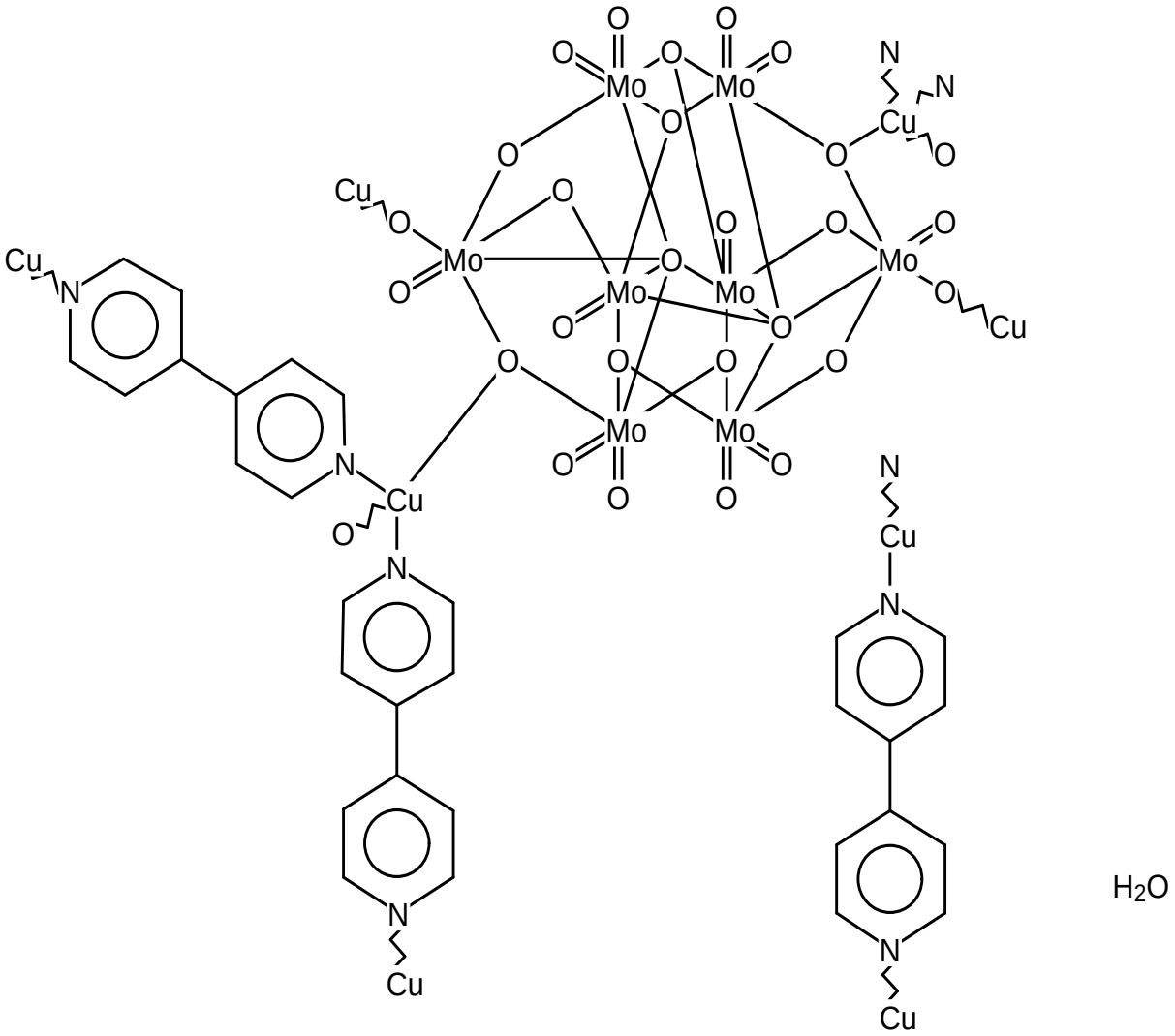
Reference: Hua Jin, Yanfei Qi, Enbo Wang, Yangguang Li, Chao Qin, Xinlong Wang, Song Chang (2006) *Eur.J.Inorg.Chem.* ,4541

Formula: $(C_{20}\ H_{16}\ Cu_2\ Mo_8\ N_4\ O_{26})n,n(C_{10}\ H_8\ Cu_1\ N_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-Oxo)-hexakis(μ_3-oxo)-bis(μ_2-4,4'-bipyridine)-hexakis(μ_2-oxo)-dodecaoxo-di-copper-octa-molybdenum (μ_2-4,4'-bipyridine)-copper(i) monohydrate)

Space Group:	P-1	***Cell:***	***a***	10.837(2)	***b***	11.274(2)	***c***	11.321(2)
Space Group No.:	2	***(Å,°)***	α	68.49(3)	β	83.08(3)	γ	64.04(3)

R-Factor (%): 2.56 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.674



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1645

NETYIV

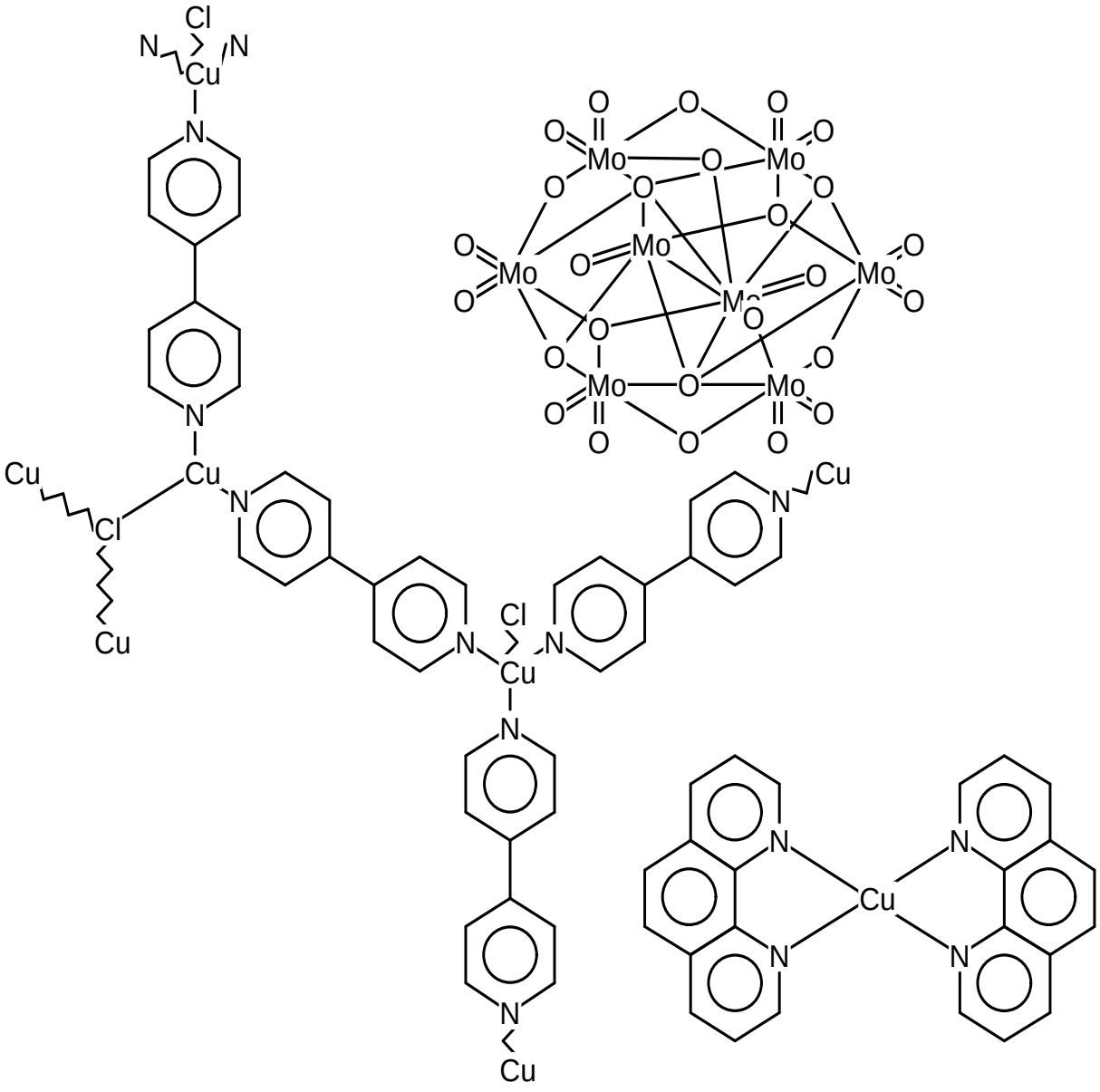
Reference: Hua Jin, Yanfei Qi, Enbo Wang, Yangguang Li, Chao Qin, Xinlong Wang, Song Chang (2006) *Eur.J.Inorg.Chem.* ,4541

Formula: $(C_{24}\ H_{16}\ Cu_1\ N_4)n,n(Mo_8\ O_{26}),n(C_{40}\ H_{32}\ Cl_1\ Cu_3\ N_8)$

Compound Name: catena-((μ$_3$-Chloro)-tetrakis(μ$_2$-4,4'-bipyridine)-tri-copper(i) bis(1,10-phenanthroline)-copper(ii) bis(μ$_5$-oxo)-tetrakis(μ$_3$-oxo)-hexakis(μ$_2$-oxo)-tetradecaoxo-octa-molybdenum)

Space Group:	C2/c	***Cell:***	***a***	19.748(4)	***b*** 17.494(4)	***c***	22.160(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.83(3)	γ	90.00

R-Factor (%): 2.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.267



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1646

NEVLAC

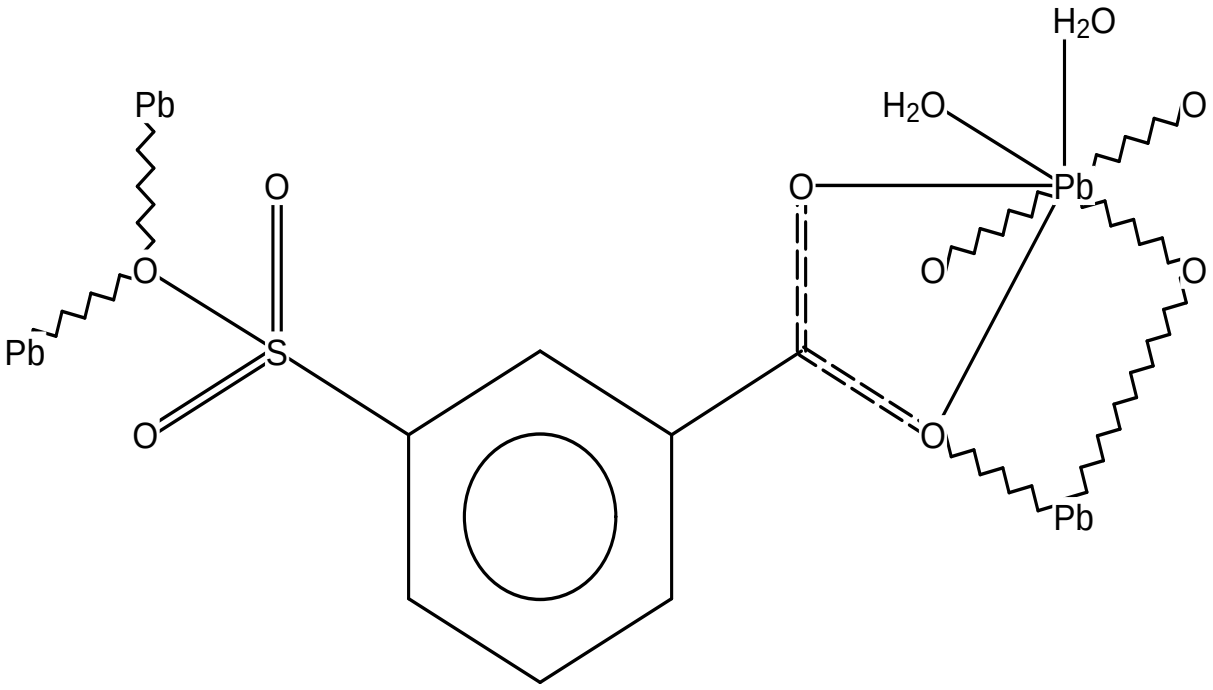
Reference: C.Wagner, K.Merzweiler (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m111

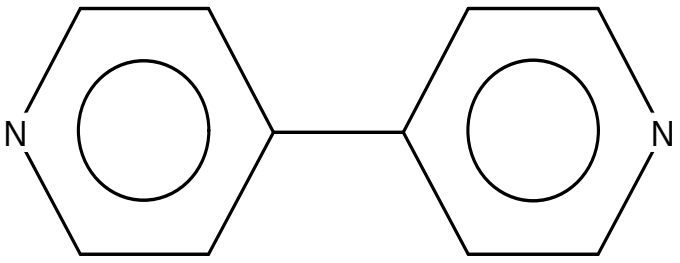
Formula: $(C_7\ H_8\ O_7\ Pb_1\ S_1)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_4-3-Sulfonatobenzoato)-diaqua-lead(ii) 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	8.178(5)	***b***	9.483(4)	***c*** 12.790(6)
Space Group No.:	2	***(Å,°)***	α	89.19(4)	β	80.73(4)	γ 78.05(4)

R-Factor (%): 1.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.080





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1647

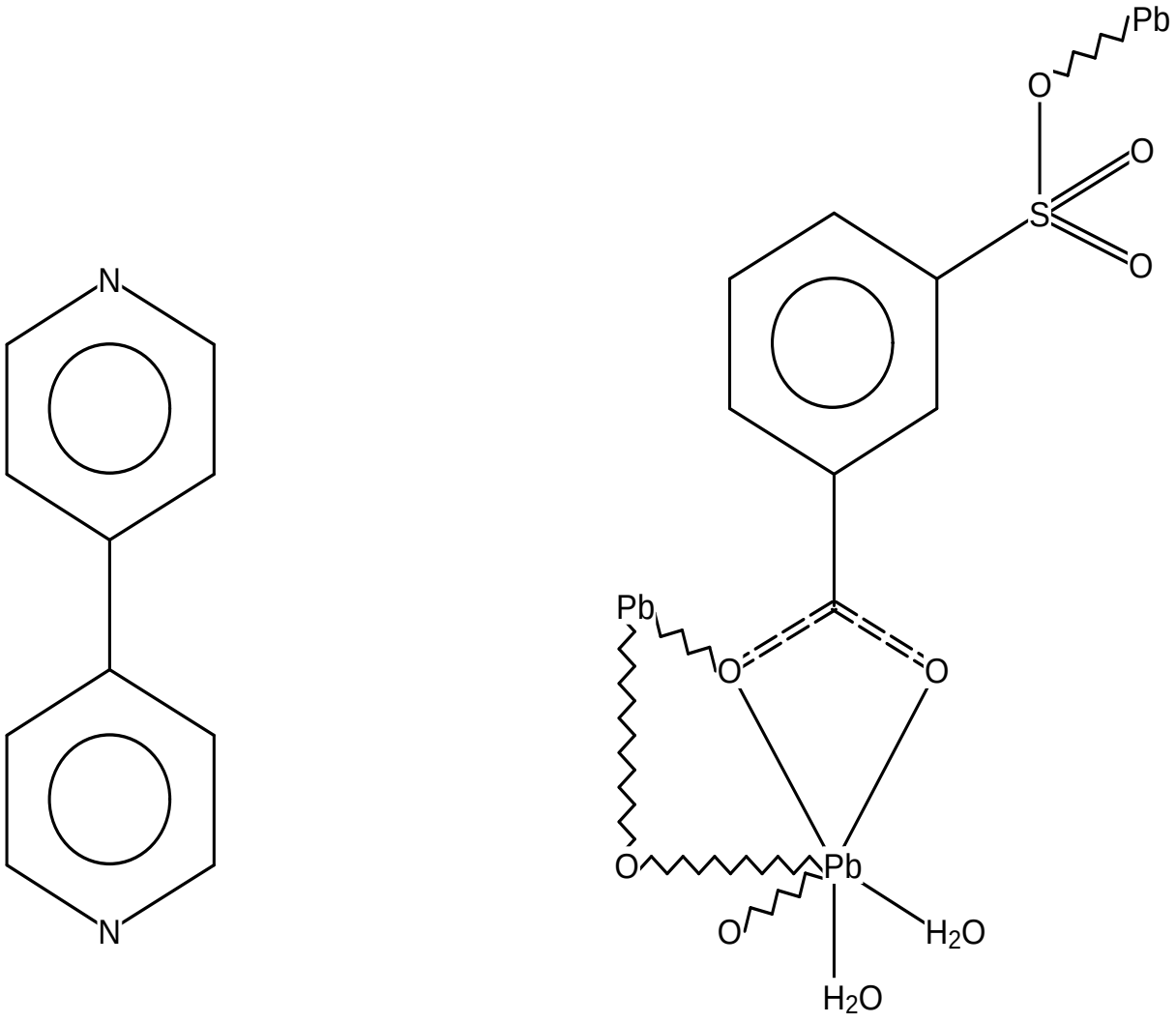
NEVLAD

Reference: Shao-Ming Ying, Qiu-Yan Luo, Ya-Ping Xu, Jun-Yue Lin, Gan-Sheng Huang (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**431

Formula: $(C_7\ H_8\ O_7\ Pb_1\ S_1)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_3-3-Sulfonatobenzenoato)-diaqua-lead(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	8.157(0)	***b***	9.466(0)	***c*** 12.749(0)
Space Group No.:	2	***(Å,°)***	α	89.23(0)	β	80.74(0)	γ 77.98(0)
R-Factor (%):	4.12	***Temperature(K):***	293	***Density(g/cm^3):***	2.096		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1648

NEWTIT

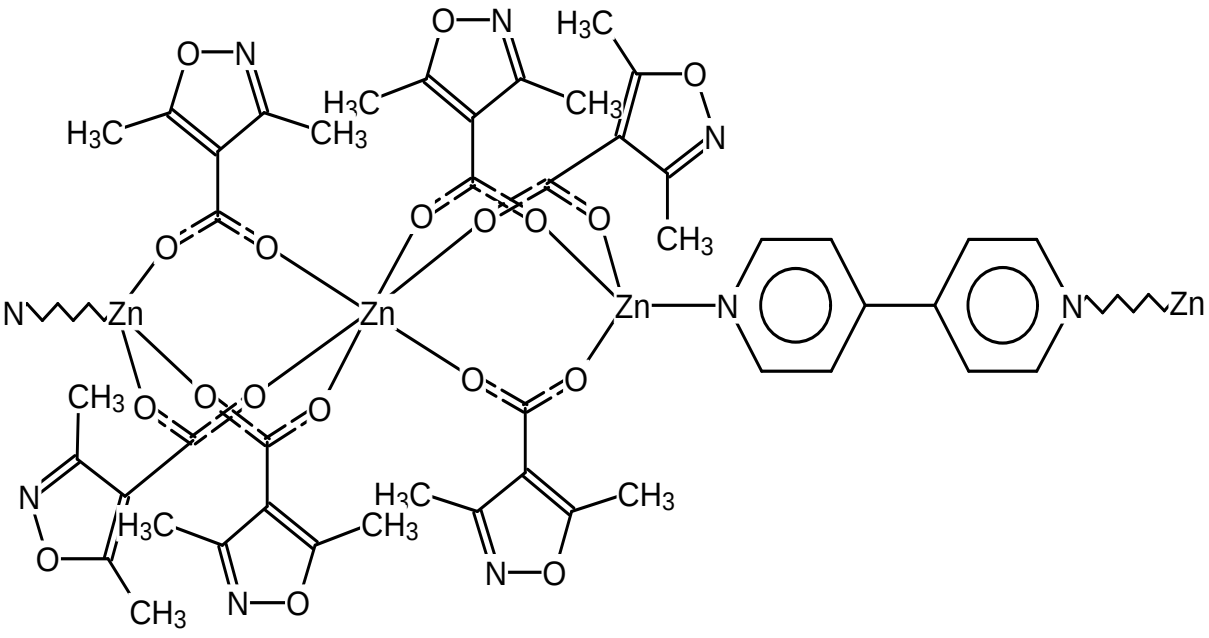
Reference: Chuan-Feng Wang, Zhen-Yu Zhu, Zheng-Xing Zhang, Zhen-Xia Chen, Xi-Geng Zhou (2007) *CrystEngComm* ,**9,**35

Formula: $(C_{46}\ H_{44}\ N_8\ O_{18}\ Zn_3)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-hexakis(μ_2-3,5-dimethylisoxazole-4-carboxylato)-tri-zinc(ii)]

Space Group:	P21/n	***Cell:***	***a***	11.377(7)	***b*** 20.360(12)	***c***	11.665(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.98(0)	γ	90.00

R-Factor (%): 5.48 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.511



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1649

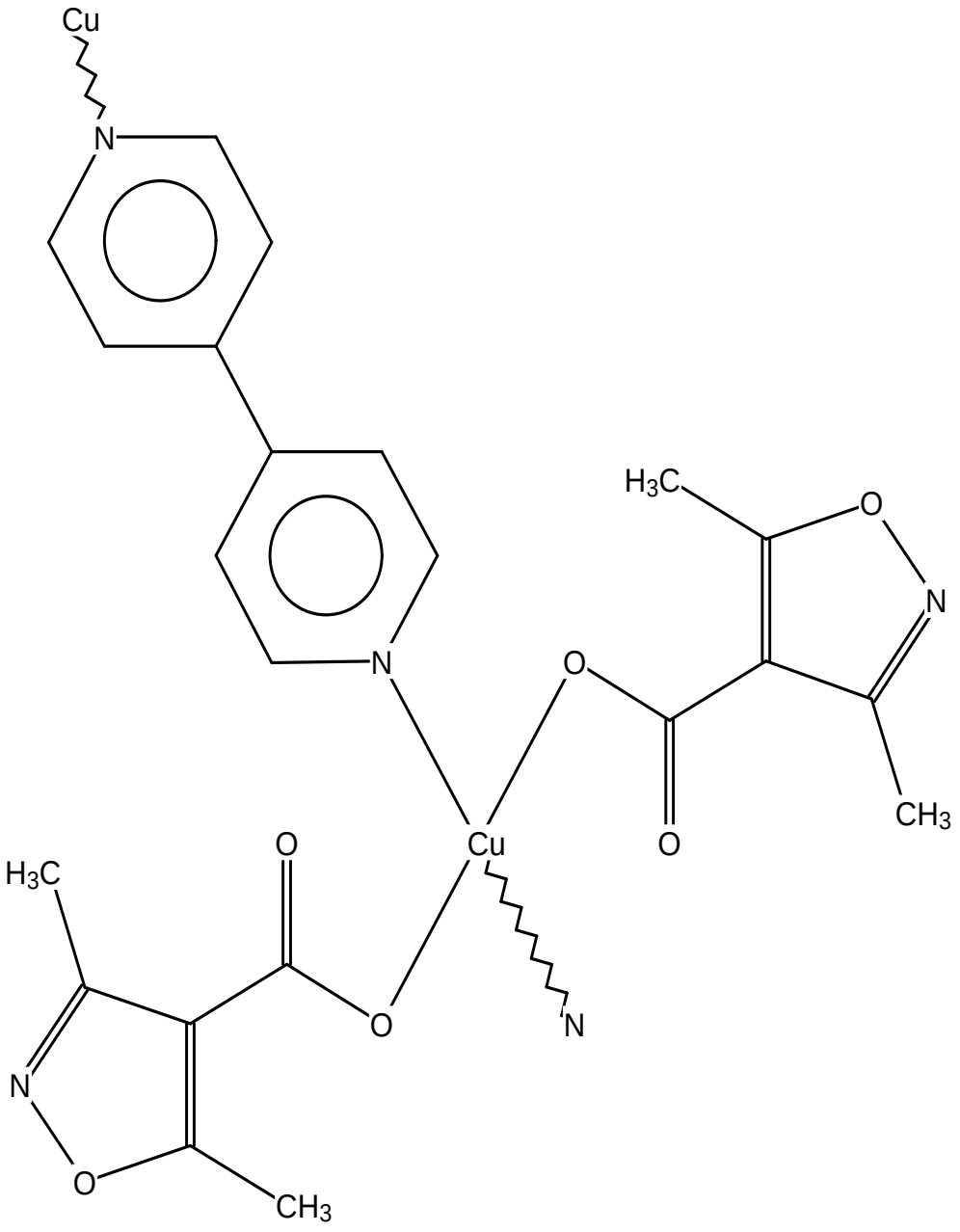
NEWTOZ

Reference: Chuan-Feng Wang, Zhen-Yu Zhu, Zheng-Xing Zhang, Zhen-Xia Chen, Xi-Geng Zhou (2007) *CrystEngComm* ,**9,**35

Formula: $(C_{22}\ H_{20}\ Cu_1\ N_4\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(3,5-dimethylisoxazole-4-carboxylato)-copper(ii)]

Space Group:	P-1	***Cell:***	***a***	5.738(3)	***b***	9.471(5)	***c***	10.852(7)
Space Group No.:	2	***(Å,°)***	α	64.25(0)	β	80.46(1)	γ	89.86(0)
R-Factor (%):	5.08	***Temperature(K):***	298		***Density(g/cm^3):***		1.590	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1650

NEXVUI

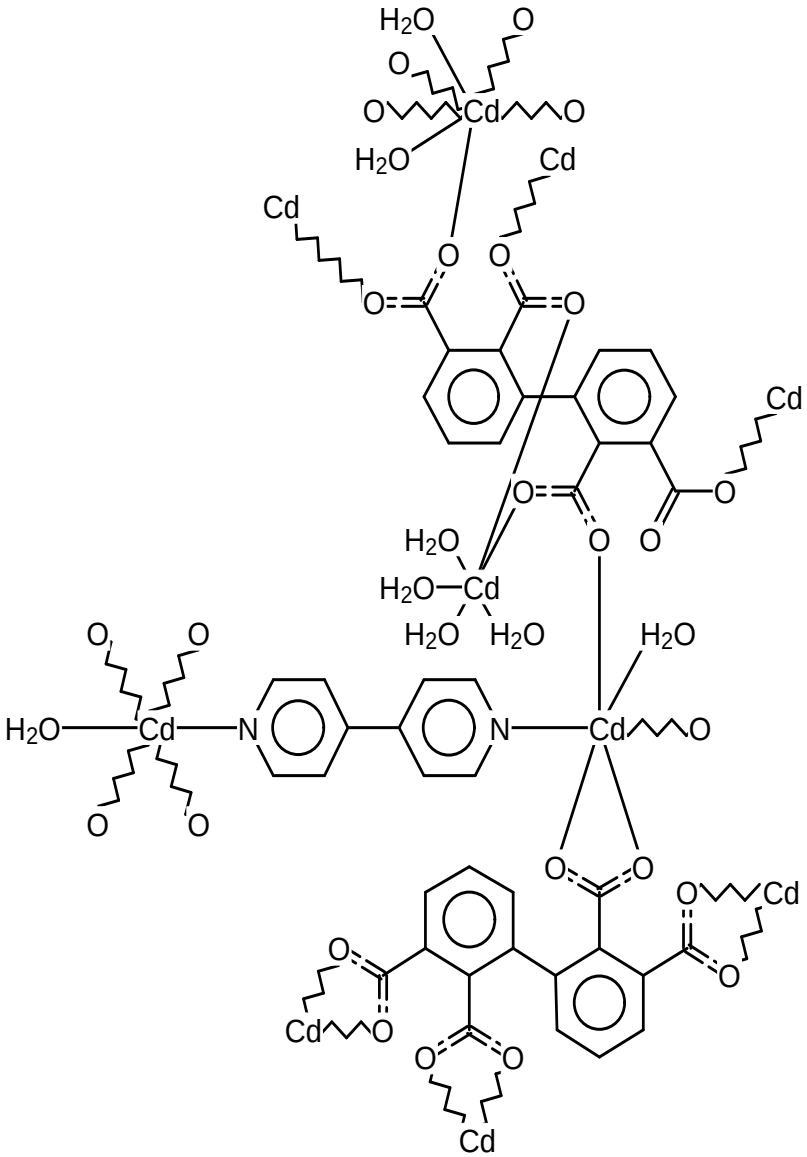
Reference: Shuangquan Zang, Yang Su, Chunying Duan, Yizhi Li, Huizhen Zhu, Qingjin Meng (2006) *Chem.Commun.* ,4997

Formula: $(C_{42}\ H_{36}\ Cd_4\ N_2\ O_{24})n,5.5n(H_2\ O_1)$

Compound Name: catena-((μ_6-1,1'-Biphenyl-2,2',3,3'-tetracarboxylato)-(μ_4-1,1'-biphenyl-2,2',3,3'-tetracarboxylato)-(μ_2-4,4'-bipyridine-N,N')-octa-aqua-tetra-cadmium(ii) hydrate)

Space Group:	I41/a	***Cell:***	***a***	40.698(2)	***b***	40.698(2)	***c***	13.523(1)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.35	***Temperature(K):***	293	***Density(g/cm^3):***	1.781



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1651

NEYVIW

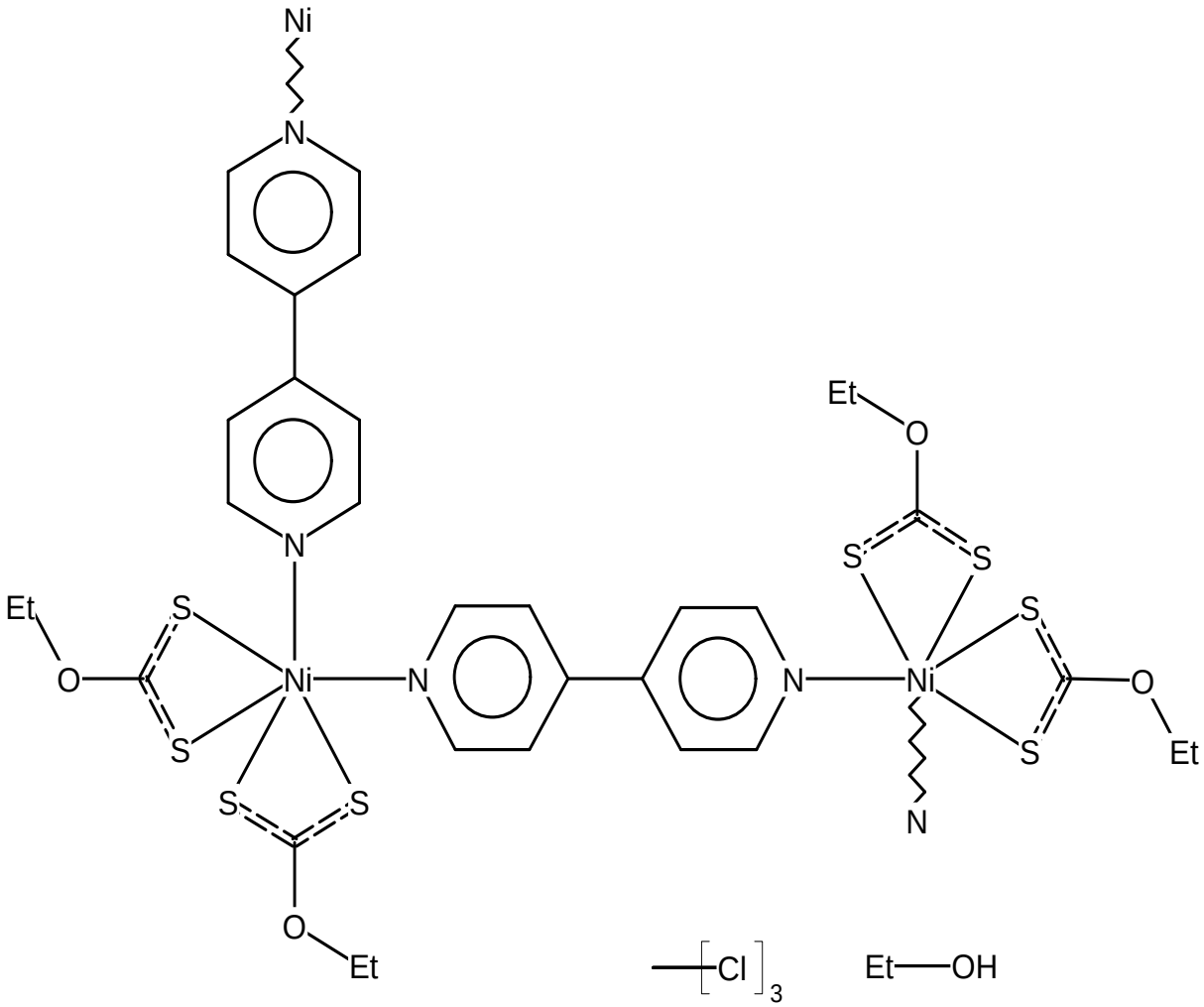
Reference: Ren-Gen Xiong, Zhi Yu, Cai-Ming Liu, Xiao-Zeng You (1997) *Polyhedron* ,**16,**2667

Formula: $(C_{32}\ H_{36}\ N_4\ Ni_2\ O_4\ S_8)n,2n(C_1\ H_1\ Cl_3),n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(ethoxydithiocarboxylato)-nickel(ii) chloroform ethanol solvate)

Space Group:	P21/c	***Cell:***	***a***	16.024(3)	***b*** 12.170(3)	***c***	16.038(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 119.45(2)	γ	90.00

R-Factor (%): 5.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.463



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1652

NEZRUG

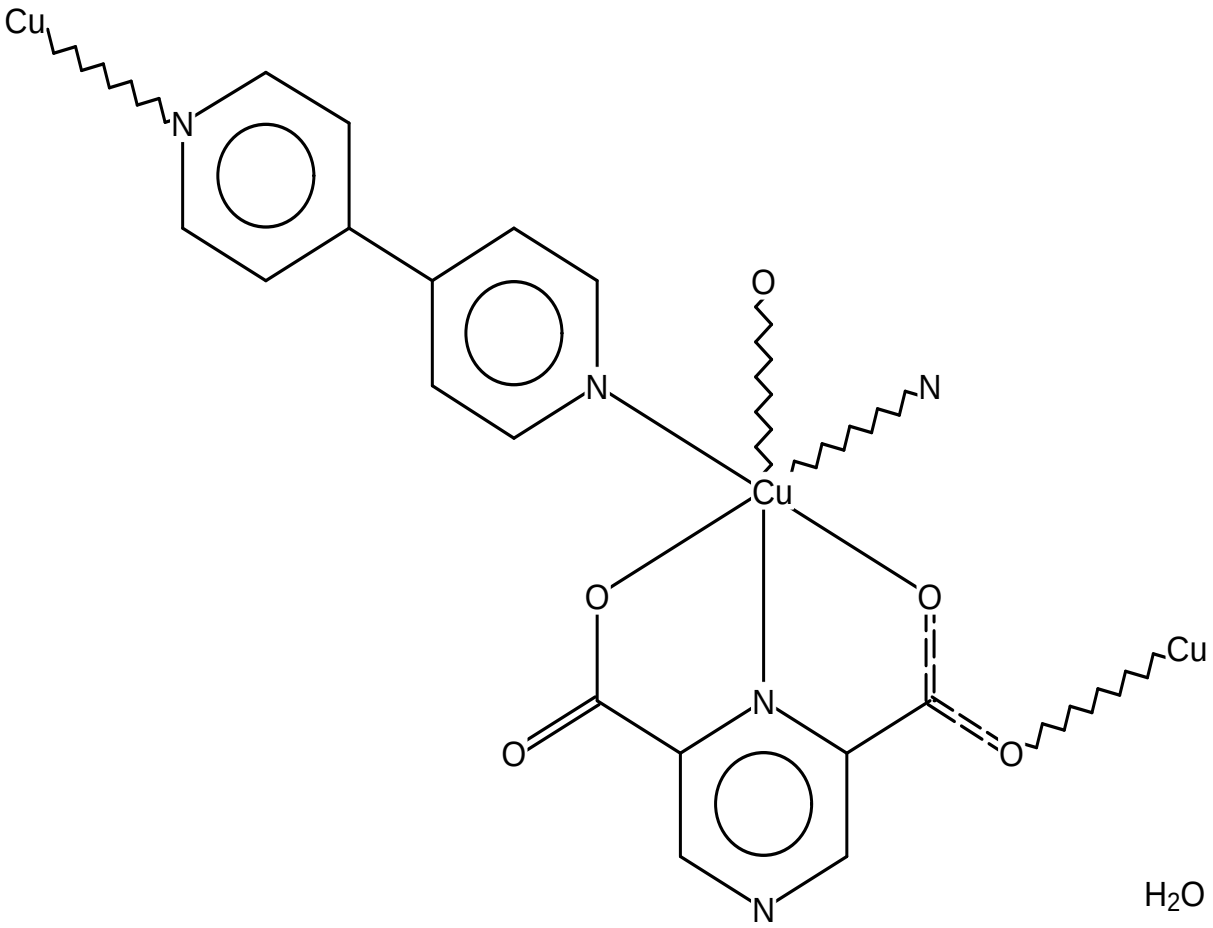
Reference: Feng-Qin Wang, Dan-Feng Weng, Xiang-Jun Zheng, Jian-Jun Zhang, Hui Ma, Lin-Pei Jin (2007) *Inorg.Chim.Acta* ,**360,**2029

Formula: $(C_{16}\ H_{10}\ Cu_1\ N_4\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-pyrazine-2,6-dicarboxylato-N,O,O',O'')-copper(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	11.096(2)	***b*** 10.255(2)	***c***	15.695(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.18(0)	γ	90.00

R-Factor (%): 5.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1653

NICNAP

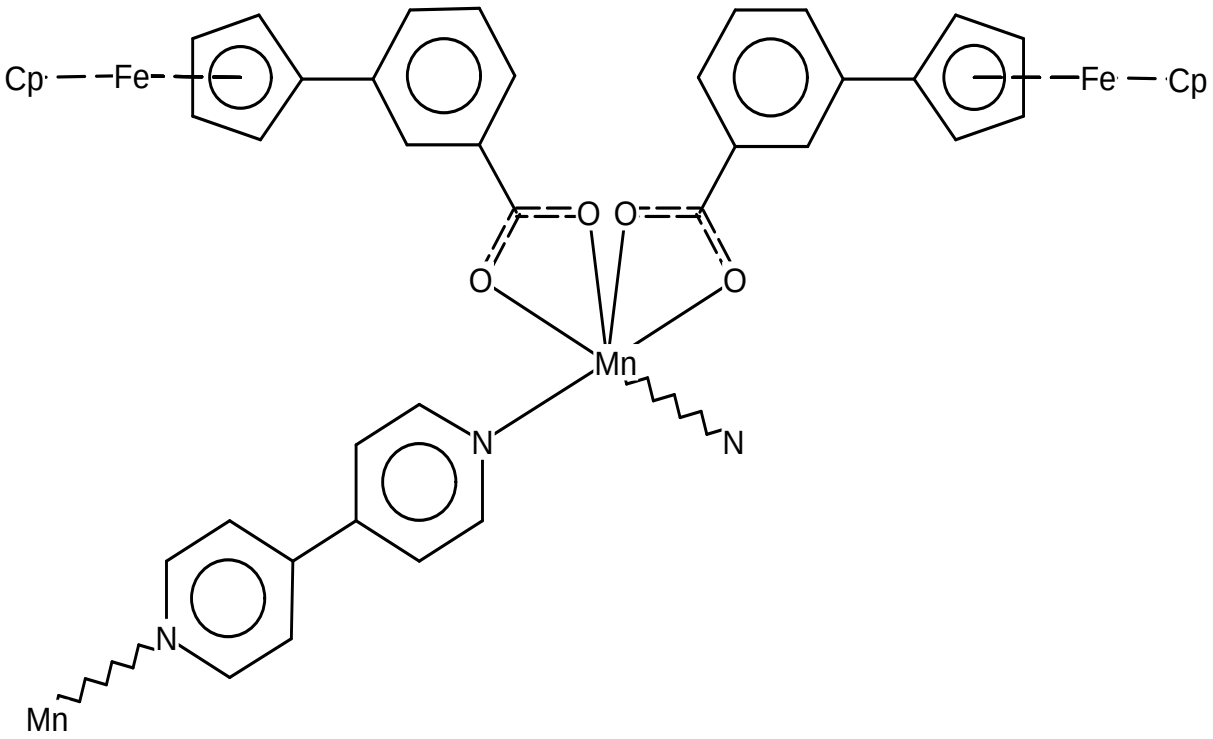
Reference: Jinpeng Li, Yinglin Song, Hongwei Hou, Mingsheng Tang, Yaoting Fan, Yu Zhu (2007) *J.Organomet.Chem.* ,**692,**1584

Formula: $(C_{44}\ H_{34}\ Fe_2\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(3-ferrocenylbenzoato)-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	29.131(6)	***b*** 7.534(1)	***c***	16.441(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.67(3)	γ	90.00

R-Factor (%): 4.54 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.556



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1654

NIDGAJ

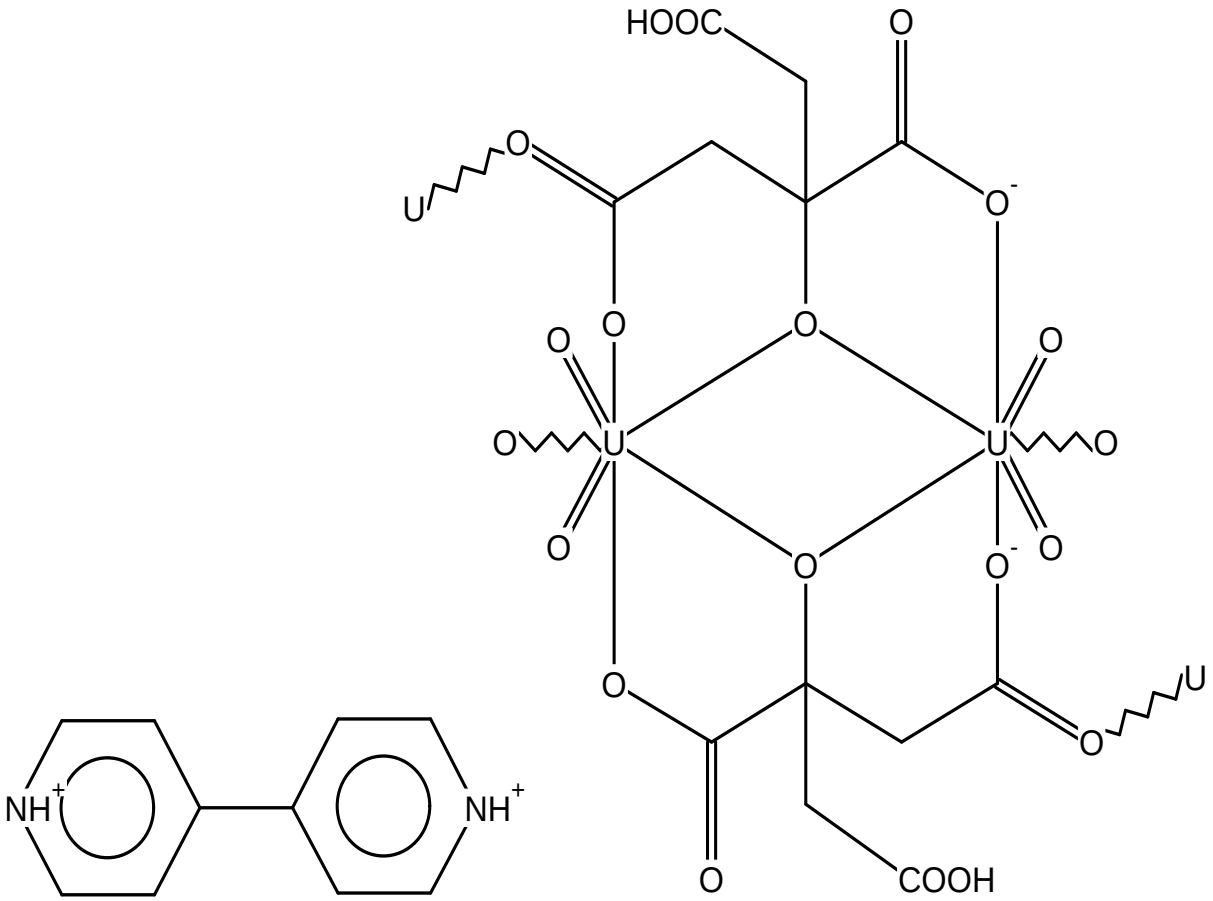
Reference: P.Thuery (2007) *Inorg.Chem.* ,**46,**2307

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{12}\ H_{10}\ O_{18}\ U_2\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_3-2-hydroxy-3-carboxy-propane-1,2-dicarboxylato)-tetraoxo-di-uranium)

Space Group:	P-1	***Cell:***	***a***	7.313(0)	***b***	8.541(0)	***c*** 11.279(0)
Space Group No.:	2	***(Å,°)***	α	97.38(0)	β	98.77(0)	γ 106.63(0)

R-Factor (%): 1.57 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.725



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1655

NIDGEN

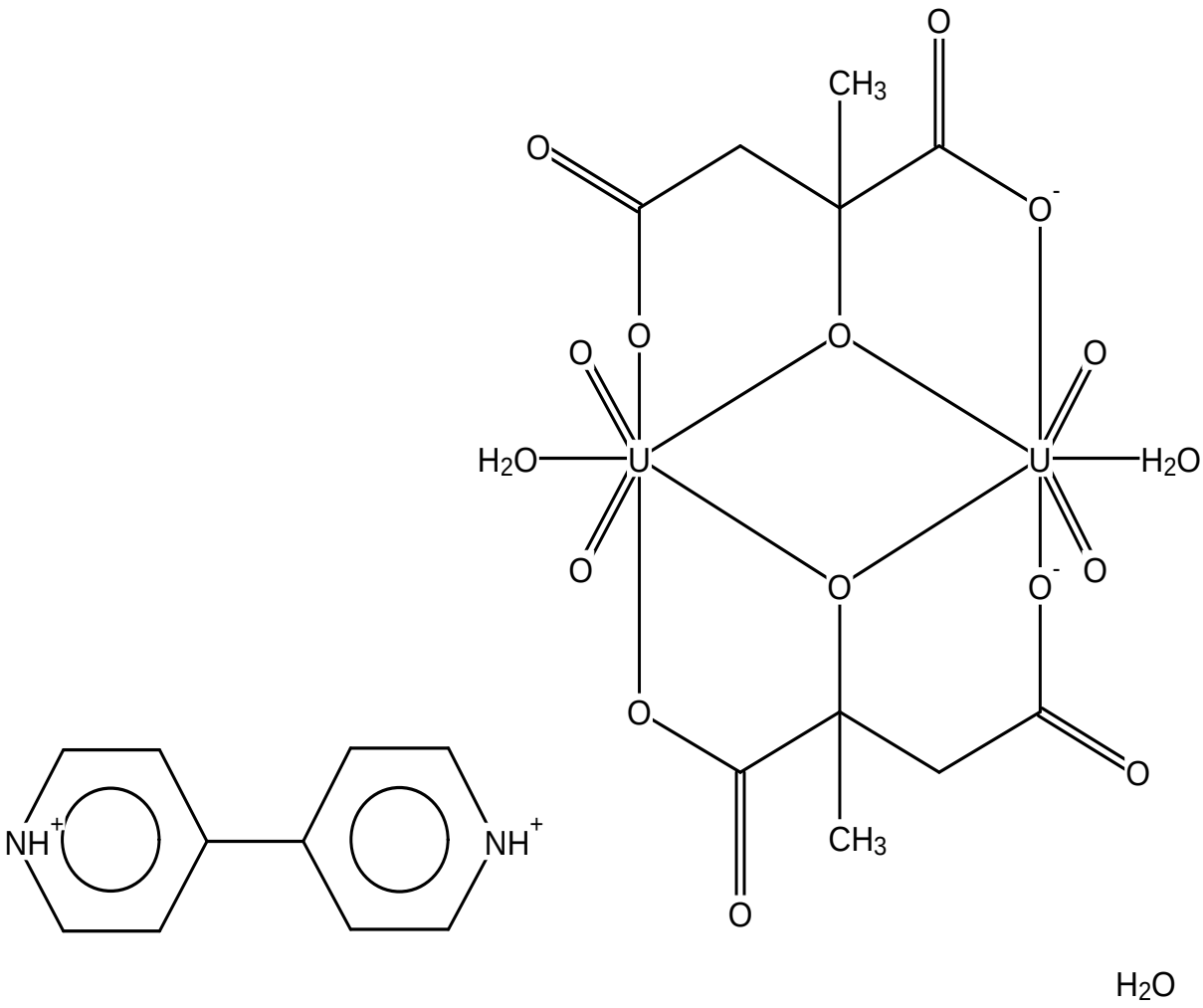
Reference: P.Thuery (2007) *Inorg.Chem.* ,**46,**2307

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_{10}\,H_{14}\,O_{16}\,U_2\,^{2-},H_2\,O_1$

Compound Name: 4,4'-Bipyridinium bis(μ_2-2-hydroxy-2-methylbutanedioato)-diaqua-tetraoxo-di-uranium monohydrate

Space Group:	P21/c	***Cell:***	***a***	19.280(1)	***b*** 11.072(0)	***c***	14.297(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.25(0)	γ	90.00

R-Factor (%): 7.25 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.418



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1656

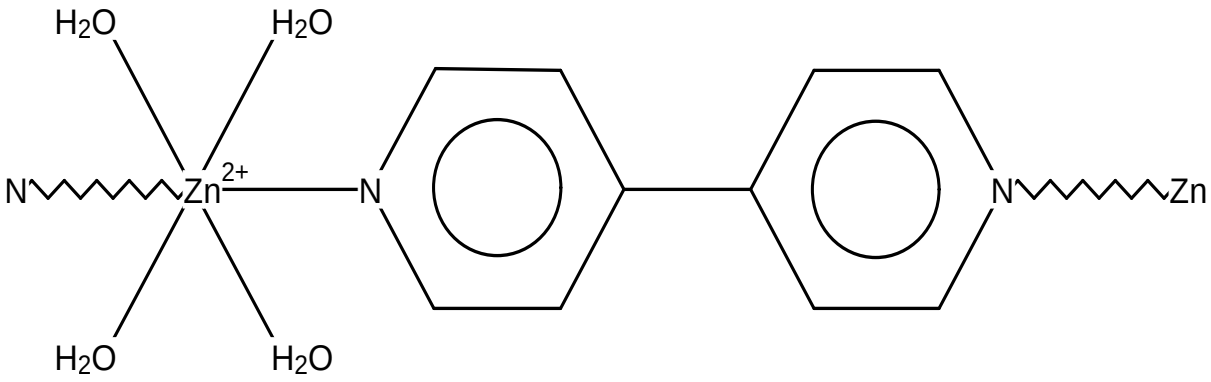
NIJTOP

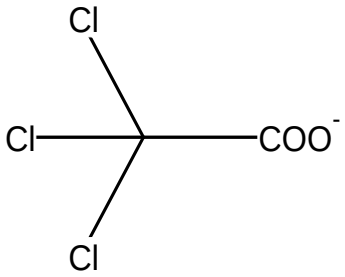
Reference: S.Sen, S.Mitra, P.Kundu, M.K.Saha, C.Kruger, J.Bruckmann (1997) *Polyhedron ,***16,**2475

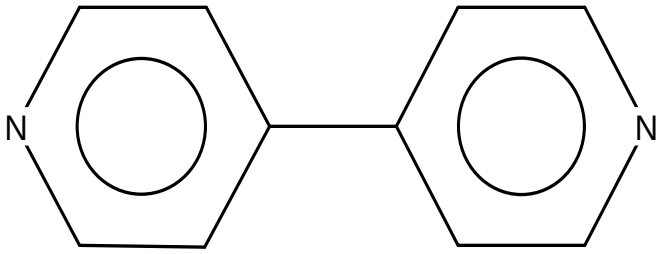
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(C_2\ Cl_3\ O_2\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-tetra-aqua-zinc(ii) bis(trichloroacetate) 4,4'-bipyridyl solvate)

Space Group:	P-1	***Cell:***	***a***	8.808(1)	***b***	8.810(1)	***c*** 12.751(5)
Space Group No.:	2	***(Å,°)***	α	82.27(1)	β	86.07(2)	γ 79.47(1)
R-Factor (%):	4.20	***Temperature(K):***	295		***Density(g/cm^3):***		1.605







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1657

NIJTOP01

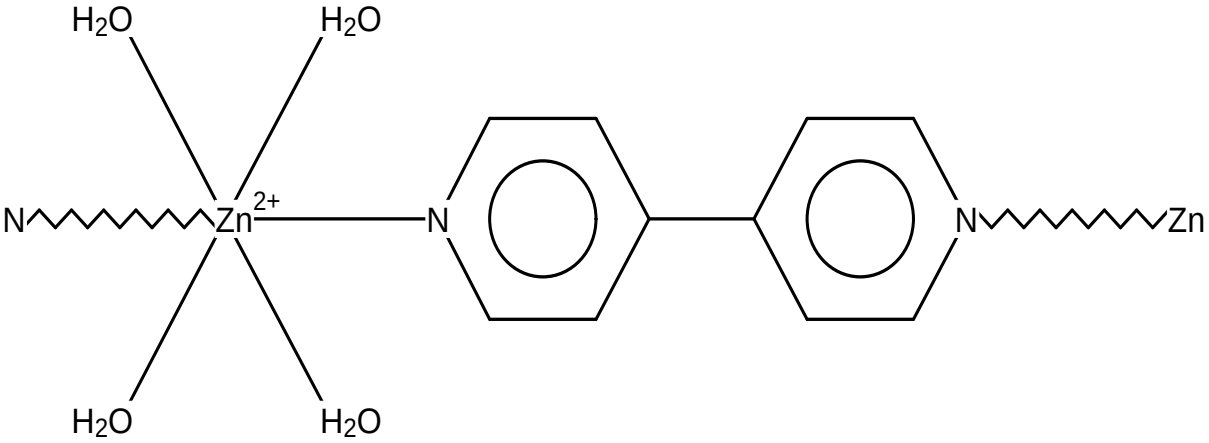
Reference: M.G.Amiri, A.Morsali (2006) *Z.Anorg.Allg.Chem.* ,**632,**1419

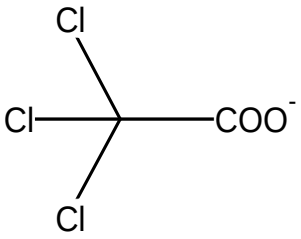
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(C_2\ Cl_3\ O_2\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

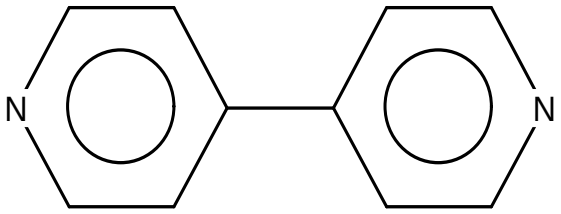
Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-zinc(ii) bis(trichloroacetate) bis(4,4'-bipyridine))

Space Group:	P-1	***Cell:***	***a***	8.722(3)	***b***	8.799(3)	***c*** 12.672(4)
Space Group No.:	2	***(Å,°)***	α	81.91(2)	β	86.62(2)	γ 79.85(2)

R-Factor (%): 3.55 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.632







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1658

NILHOF

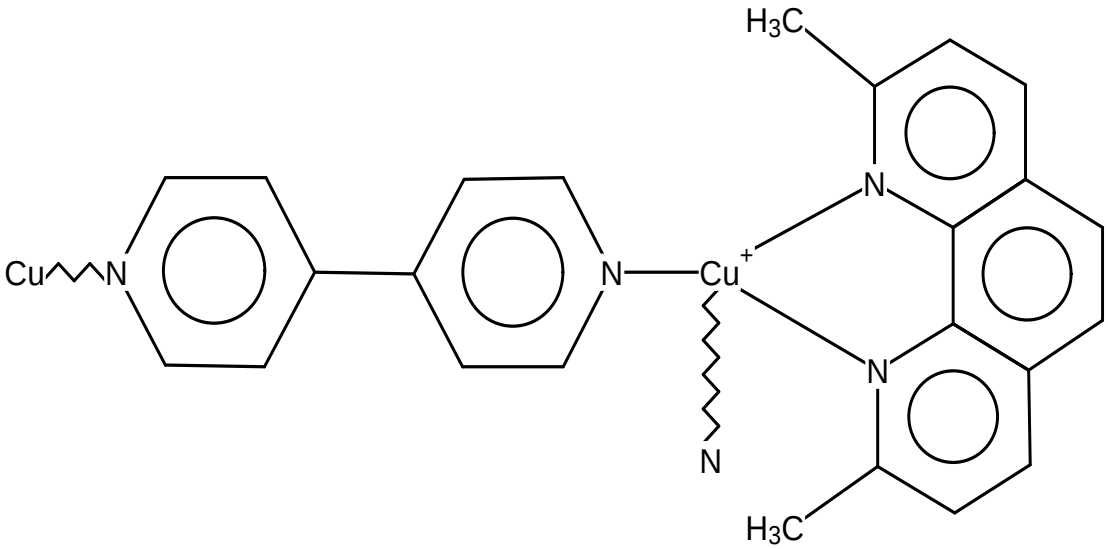
Reference: A.J.Blake, S.J.Hill, P.Hubberstey, Wan-Sheung Li (1998) *J.Chem.Soc.,Dalton Trans.* ,909

Formula: $(C_{24}\ H_{20}\ Cu_1\ N_4\ ^{1+})n,n(B_1\ F_4\ ^{1-}),n(C_2\ H_3\ N_1)$

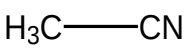
Compound Name: catena-((μ_2-4,4-Bipyridine)-(2,9-dimethyl-1,10-phenanthroline)-copper(i)) tetrafluoroborate acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	8.399(2)	***b***	25.186(5)	***c*** 11.874(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.32(3)	γ 90.00

R-Factor (%): 6.49 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.476



BF_4^-



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1659

NILJEX

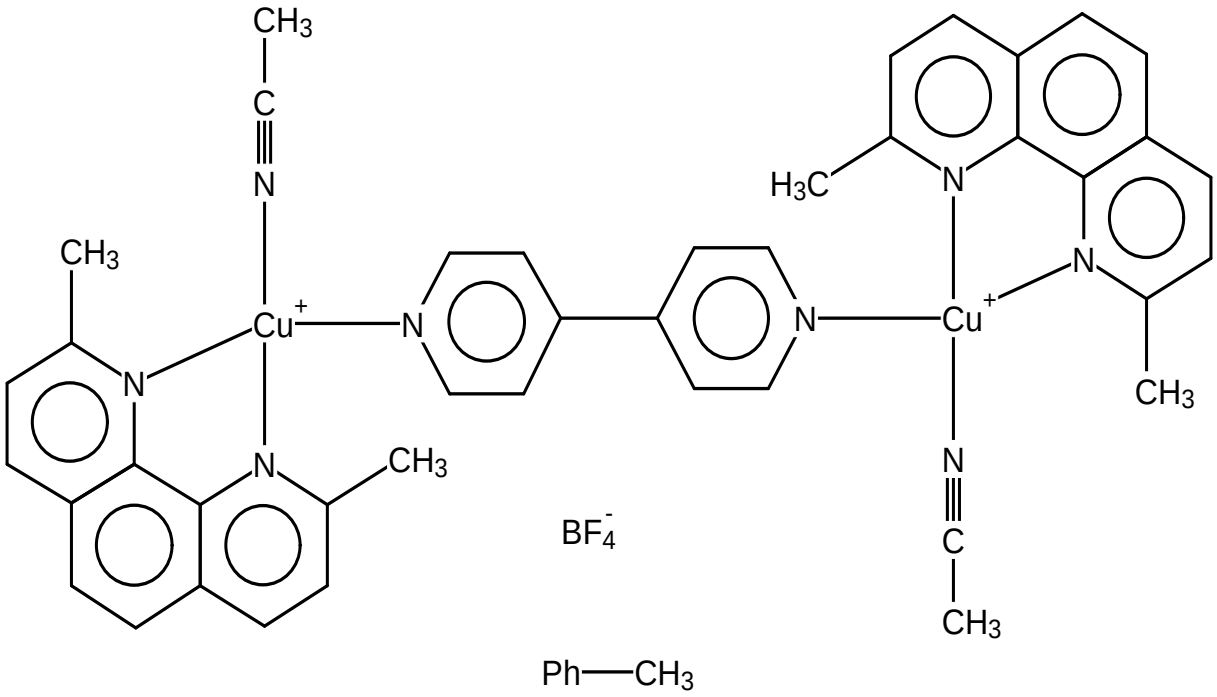
Reference: A.J.Blake, S.J.Hill, P.Hubberstey, Wan-Sheung Li (1998)
J.Chem.Soc.,Dalton Trans. ,909

Formula: $C_{42}\ H_{38}\ Cu_2\ N_8\ ^{2+}$,2($B_1\ F_4\ ^{1-}$),$C_7\ H_8$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(acetonitrile-(2,9-dimethyl-1,10-phenanthroline)-copper(i)) tetrafluoroborate toluene solvate

Space Group:	P-1	***Cell:***	***a***	7.920(14)	***b***	12.180(20)	***c***	13.914(7)
Space Group No.:	2	***(Å,°)***	α	68.46(6)	β	75.30(9)	γ	88.61(13)

R-Factor (%): 6.40 ***Temperature(K):*** 220 ***Density(g/cm^3):*** 1.445



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1660

NIMPUV

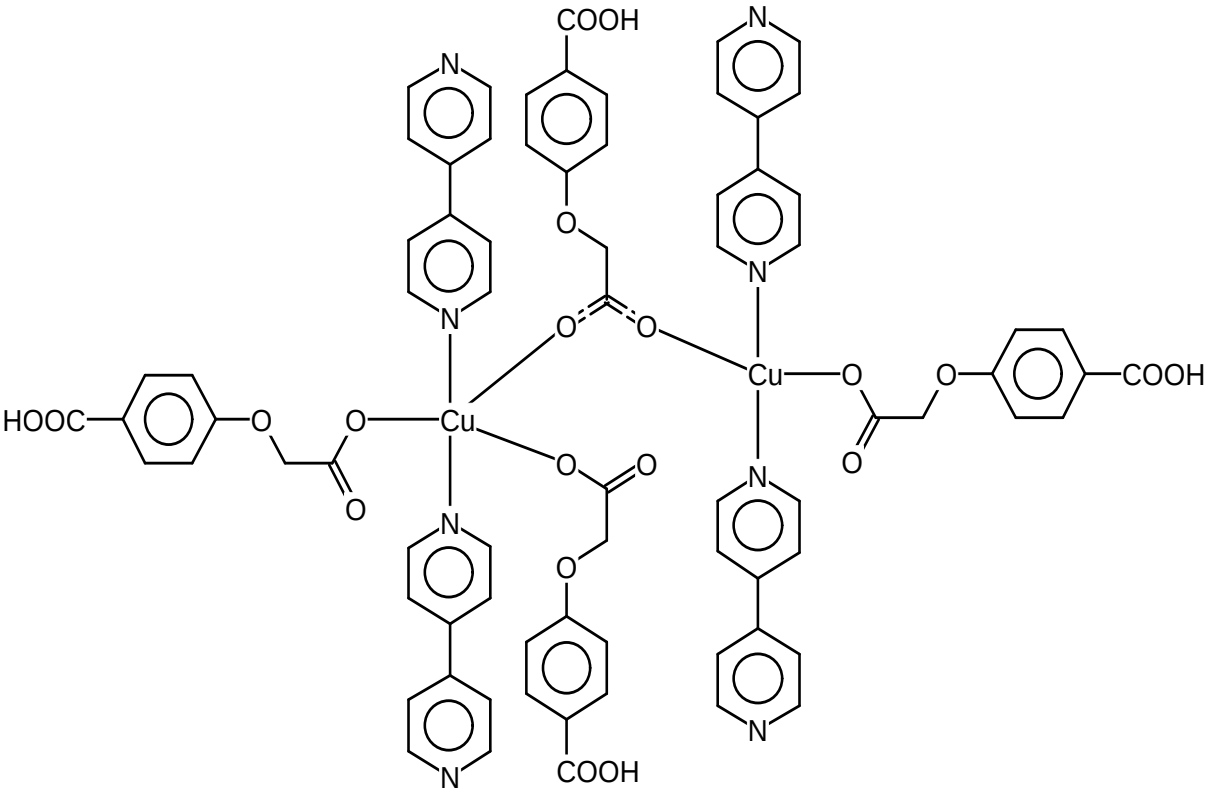
Reference: Wen-Juan Zhuang, Chang-Yan Sun, Lin-Pei Jin (2006) *Chin.J.Chem. ,***24,**1554

Formula: $C_{76}\ H_{60}\ Cu_2\ N_8\ O_{20}$

Compound Name: (μ_2-4-Carboxyphenoxyacetato-O,O')-tetrakis(4,4'-bipyridine)-tris(4-carboxyphenoxyacetato-O)-di-copper(ii)

Space Group:	P21/c	***Cell:***	***a***	20.072(2)	***b***	10.640(1)	***c***	31.376(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.86(0)	γ	90.00

R-Factor (%):	5.02	***Temperature(K):***	294	***Density(g/cm^3):***	1.525



Search: search1 (Thu May 26 10:05:42 2011): Hit 1661

NIMQAC

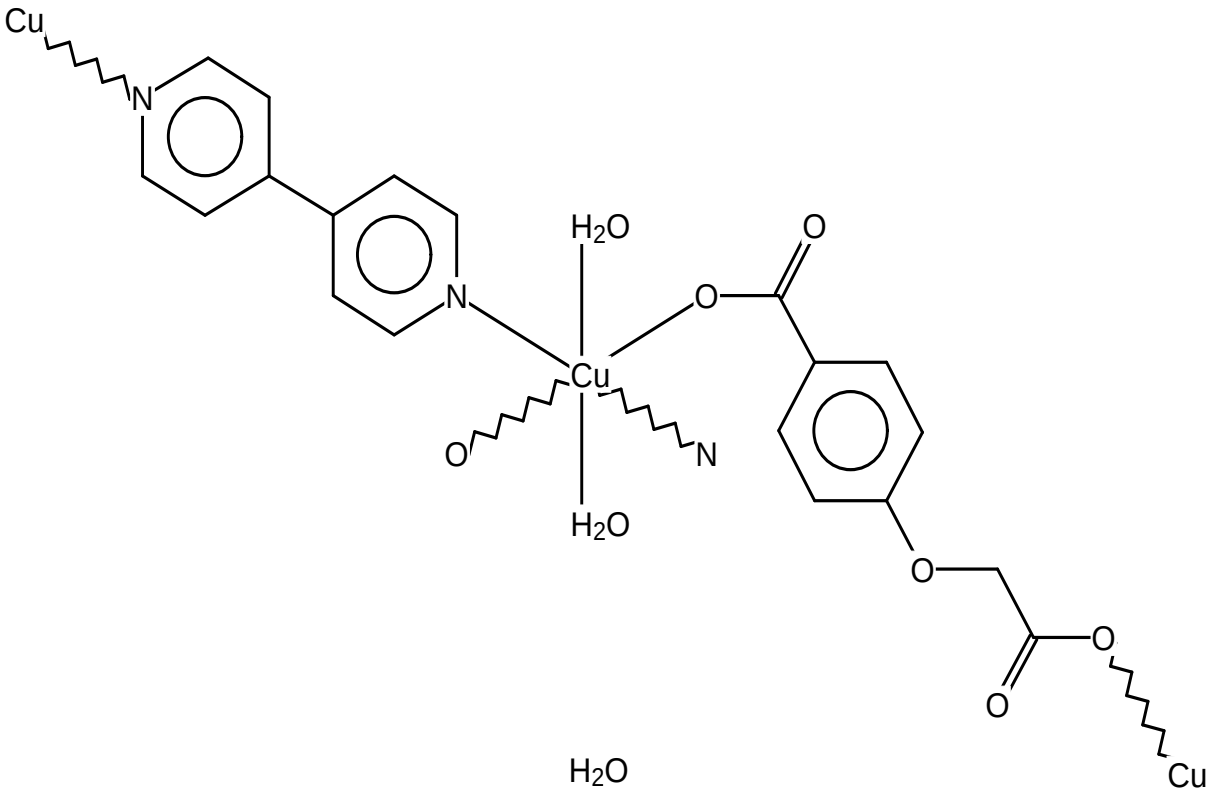
Reference: Wen-Juan Zhuang, Chang-Yan Sun, Lin-Pei Jin (2006) *Chin.J.Chem. ,***24,**1554

Formula: $(C_{19}\ H_{18}\ Cu_1\ N_2\ O_7)n,1.5n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl)-$(\mu_2$-2-(4-carboxyphenoxy)acetato)-diaqua-copper(ii) sesquihydrate clathrate)

Space Group:	C2/c	***Cell:***	***a***	17.859(3)	***b*** 17.086(3)	***c***	7.938(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.58(0)	γ	90.00

R-Factor (%): 6.23 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.406



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1662

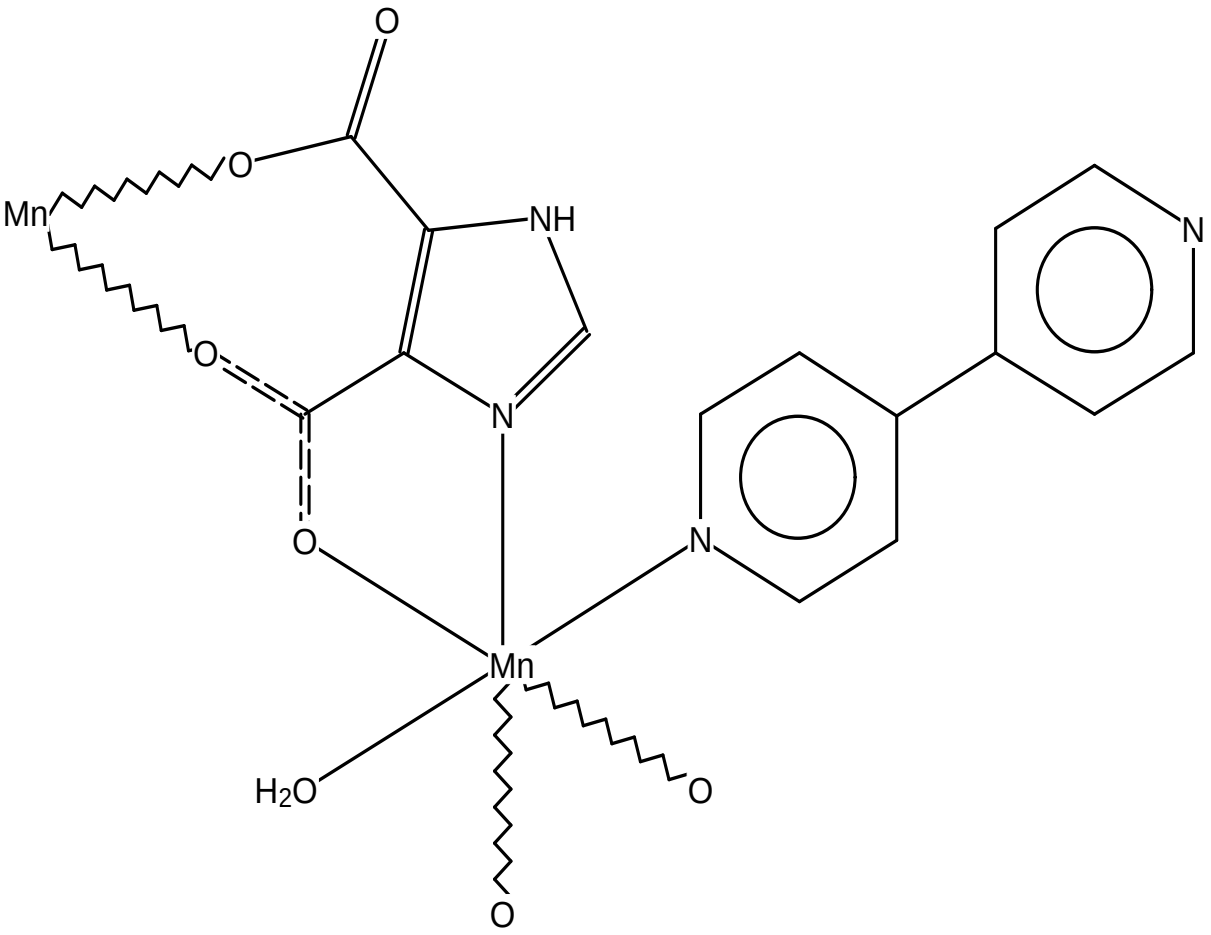
NIQGUQ

Reference: Chao Qin, En-Bo Wang (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2876

Formula: $(C_{15}\ H_{12}\ Mn_1\ N_4\ O_5)n$

Compound Name: catena-[(μ_2-Imidazole-4,5-dicarboxylato-N,O,O',O'')-(4,4'-bipyridine-N)-aqua-manganese(ii)]

Space Group:	P21/c	***Cell:***	***a***	14.051(3)	***b*** 8.208(1)	***c***	13.979(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.80(3)	γ	90.00
R-Factor (%):	2.82	***Temperature(K):***	298		***Density(g/cm^3):***		1.626



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1663

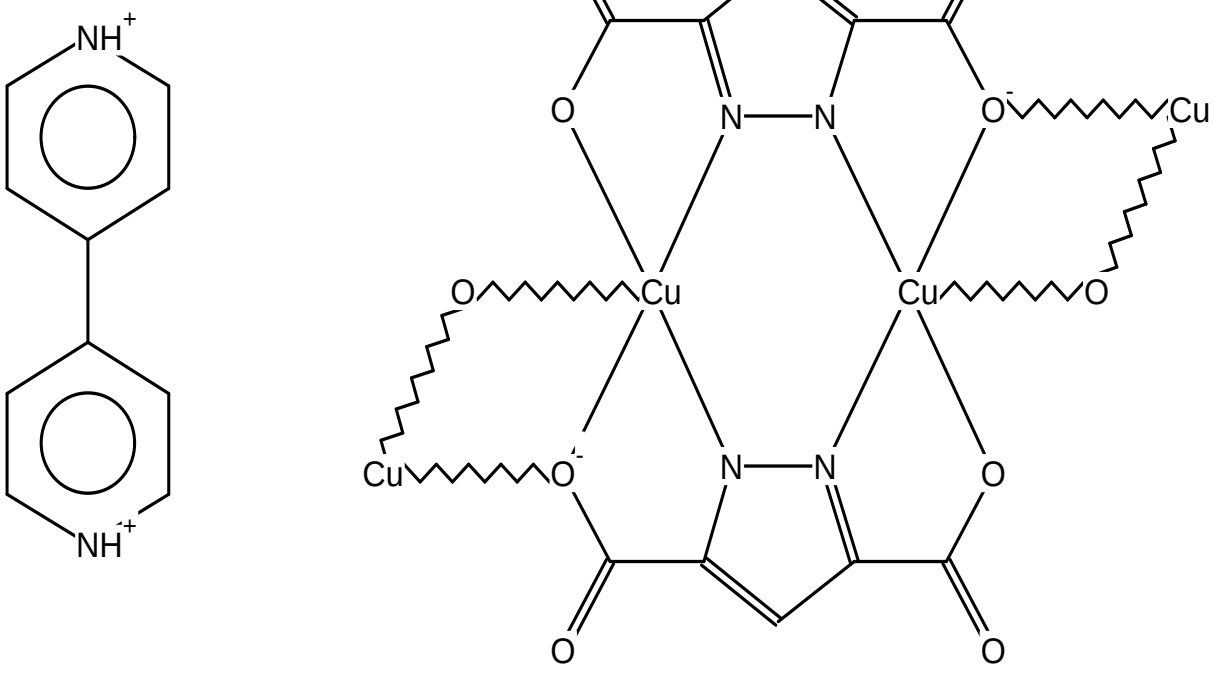
NIQWUG

Reference: Qing-Qing Dou, Yong-Ke He, Li-Tian Zhang, Zheng-Bo Han (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,** m2908

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{10}\ H_2\ Cu_2\ N_4\ O_8\ ^{2-})$

Compound Name: catena-[4,4'-Bipyridinium bis(μ_3-pyrazole-3,5-dicarboxylato-N,N',O,O',O')-di-copper(ii)]

Space Group:	P21/c	***Cell:***	***a***	8.158(1)	***b***	6.362(1)	***c*** 18.679(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.86(1)	γ 90.00
R-Factor (%):	2.53	***Temperature(K):***	293		***Density(g/cm^3):***		2.070



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1664

NIVTOC

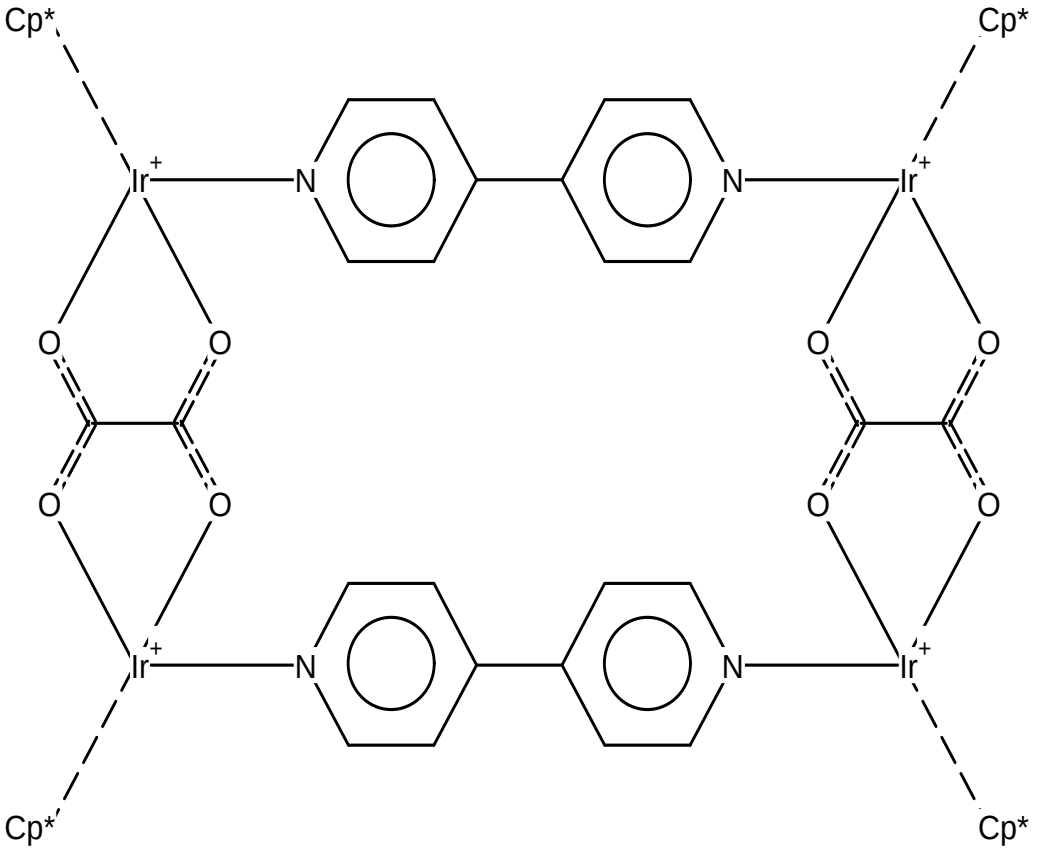
Reference: Ying-Feng Han, Yue-Jian Lin, Wei-Guo Jia, Lin-Hong Weng, Guo-Xin Jin (2007) *Organometallics* ,**26,**5848

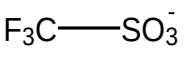
Formula: $C_{64}\ H_{76}\ Ir_4\ N_4\ O_8\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_1\ H_2\ Cl_2$),2($H_2\ O_1$)

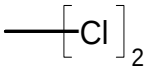
Compound Name: bis(μ_2-4,4'-Bipyridine)-bis(μ_2-oxalato)-tetrakis((η^5-pentamethylcyclopentadienyl)-iridium(iii)) tetrakis(trifluoromethanesulfonate) dichloromethane solvate dihydrate

Space Group:	P-1	***Cell:***	***a***	12.685(10)	***b***	14.250(11)	***c*** 15.672(12)
Space Group No.:	2	***(Å,°)***	α	95.39(1)	β	111.27(1)	γ 116.32(0)

R-Factor (%): 4.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.916







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1665

NIWJOT

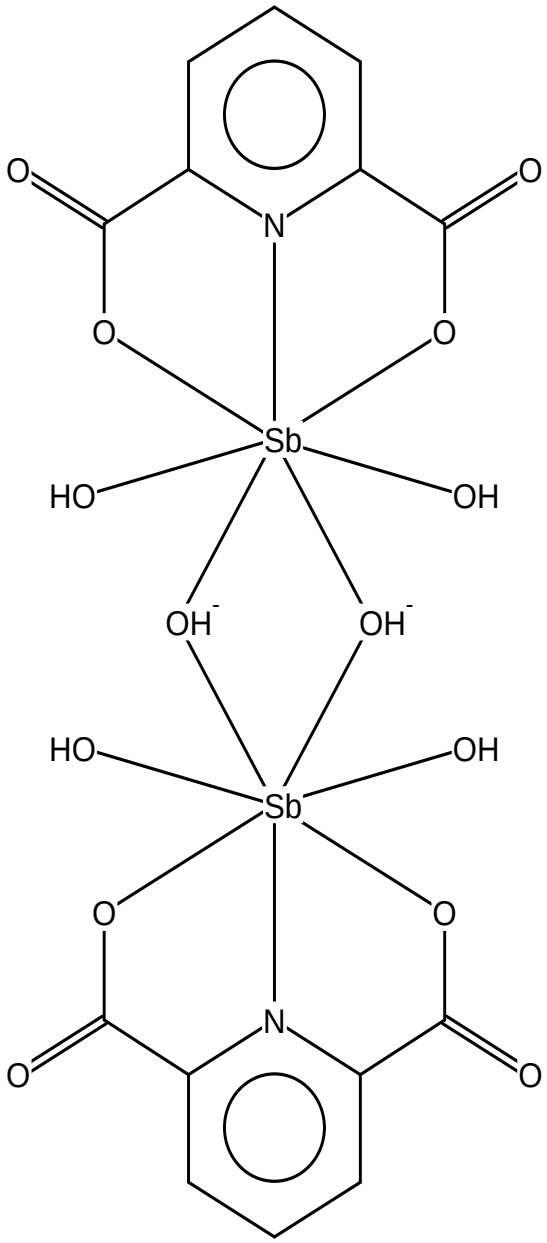
Reference: J.Soleimannejad, H.Aghabozorg, Y.M.A.Golenji, J.A.Gharamaleki, H.Adams (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**64,**m387

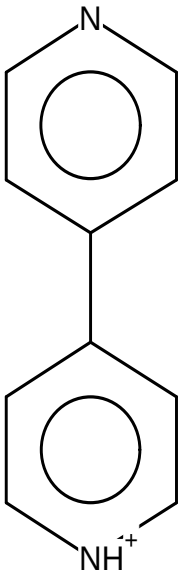
Formula: $C_{14}\,H_{12}\,N_2\,O_{14}\,Sb_2^{\,2-}$,2($C_{10}\,H_9\,N_2^{\,1+}$),8($H_2\,O_1$)

Compound Name: bis(4,4'-Bipyridinium) bis((μ_2-hydroxido)-bis(hydroxido)-(pyridine-2,6-dicarboxylato))-antimonate(iii)-antimonate(v) octahydrate

Space Group:	P-1	***Cell:***	***a***	10.015(1)	***b***	10.483(1)	***c*** 11.097(1)
Space Group No.:	2	***(Å,°)***	α	92.82(0)	β	97.81(0)	γ 114.05(0)

R-Factor (%): 2.27 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.799





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1666

NIWKAG

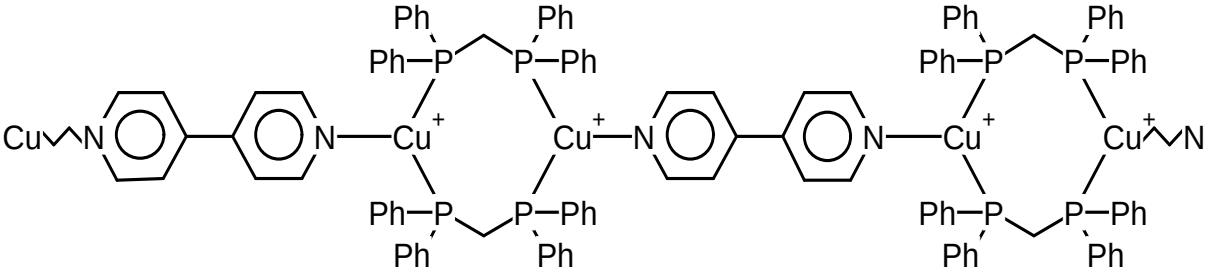
Reference: Juan Mo, Gong-Zheng Hu, Wen Chen, Li Yuan, Yu-Shan Pan (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**64,** m391

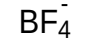
Formula: $(C_{120}\ H_{104}\ Cu_4\ N_4\ P_8\ ^{4+})n,4n(B_1\ F_4\ ^{1-}),5n(C_1\ H_2\ Cl_2)$

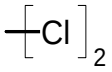
Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-κ^2N:N')-tetrakis(μ_2-bis(diphenylphosphino)methane-κ^2P:P')-tetra-copper(i) tetrakis(tetrafluoroborate) dichloromethane solvate)

Space Group:	P-1	***Cell:***	***a***	10.986(1)	***b***	16.154(1)	***c*** 20.336(2)
Space Group No.:	2	***(Å,°)***	α	82.82(0)	β	89.03(0)	γ 74.24(0)

R-Factor (%): 6.76 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.386







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1667

NIZPUI

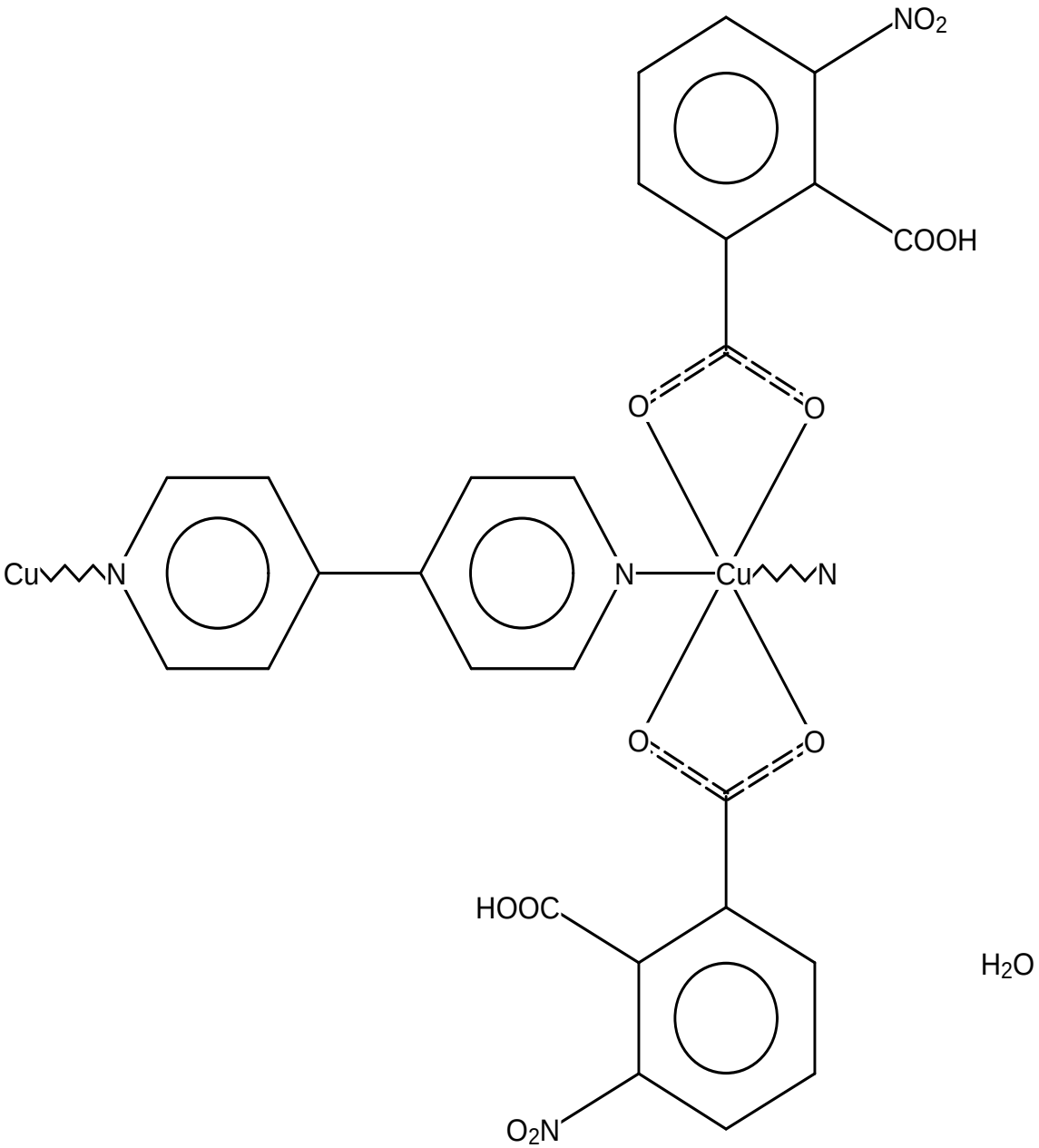
Reference: Yu-Heng Deng, Juan Liu, Biao Wu, C.Ambrus, T.D.Keene, O.Waldmann, Shi-Xia Liu, S.Decurtins, Xiao-Juan Yang (2008) *Eur.J.Inorg.Chem.* ,1712

Formula: $(C_{26}\ H_{16}\ Cu_1\ N_4\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(3-nitrophthalato-O,O')-copper(ii) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	10.617(0)	***b***	11.125(0)	***c***	22.982(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.71(0)	γ	90.00

R-Factor (%): 3.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.658



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1668

NIZQOD

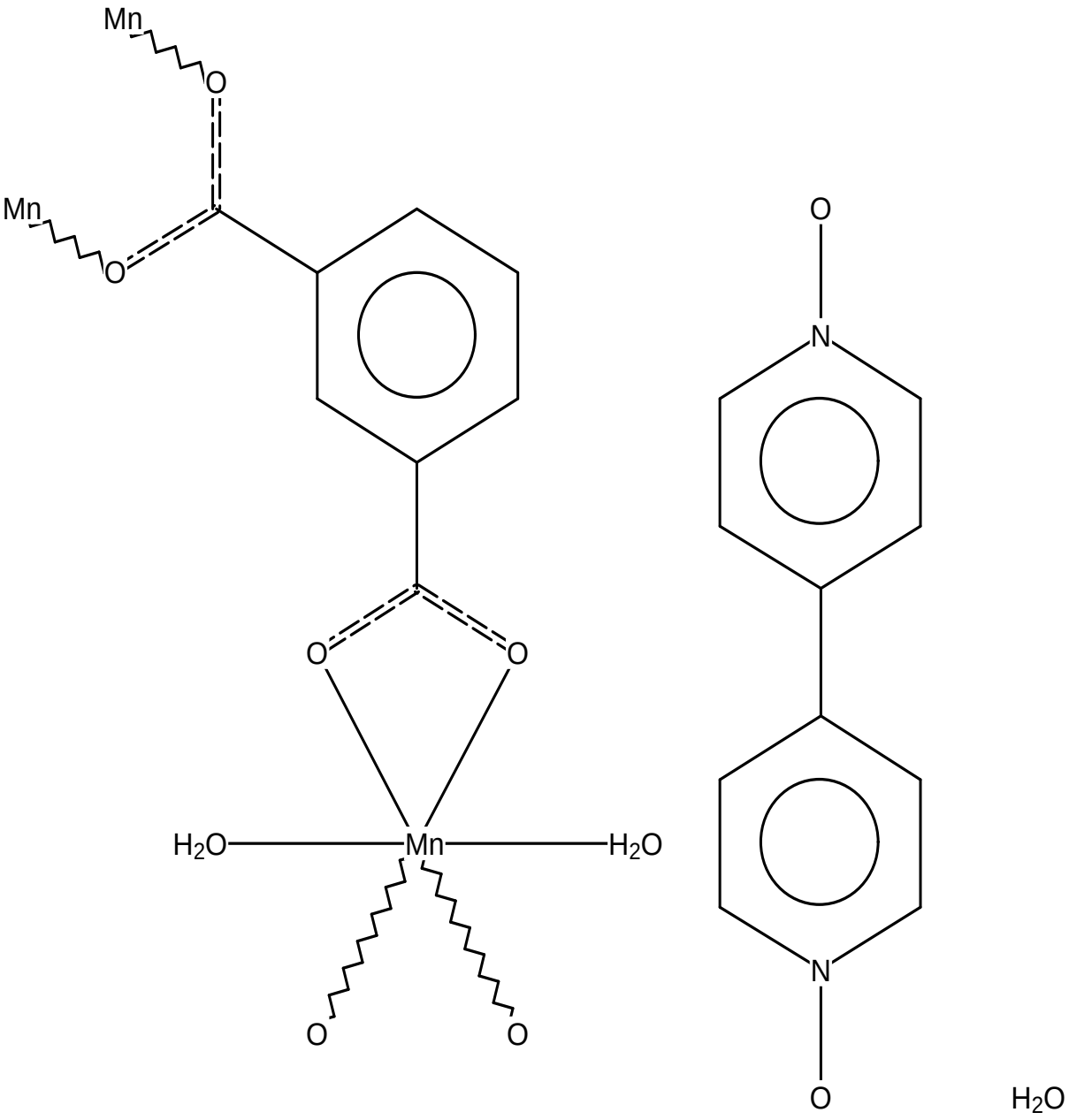
Reference: S.C.Manna, E.Zangrando, J.Ribas, N.R.Chaudhuri (2008) *Eur.J.Inorg.Chem.* ,1400

Formula: $(C_8\ H_8\ Mn_1\ O_6)n,n(C_{10}\ H_8\ N_2\ O_2),n(H_2\ O_1)$

Compound Name: catena-((μ_3-Isophthalato)-bis(aqua)-manganese(ii) (4,4'-bipyridine-N,N'-dioxide) monohydrate)

Space Group:	P-1	***Cell:***	***a***	8.821(3)	***b***	9.989(3)	***c*** 12.418(3)
Space Group No.:	2	***(Å,°)***	α	99.07(1)	β	98.80(2)	γ 115.24(2)

R-Factor (%): 3.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.617



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1669

NOCKEV

Reference: P.Naumov, G.Jovanovski, J.V.Hanna, I.A.Razak, S.Chantrapromma, H.-K.Fun, Seik Weng Ng (2001) *Inorg.Chem.Commun.* ,**4,**766

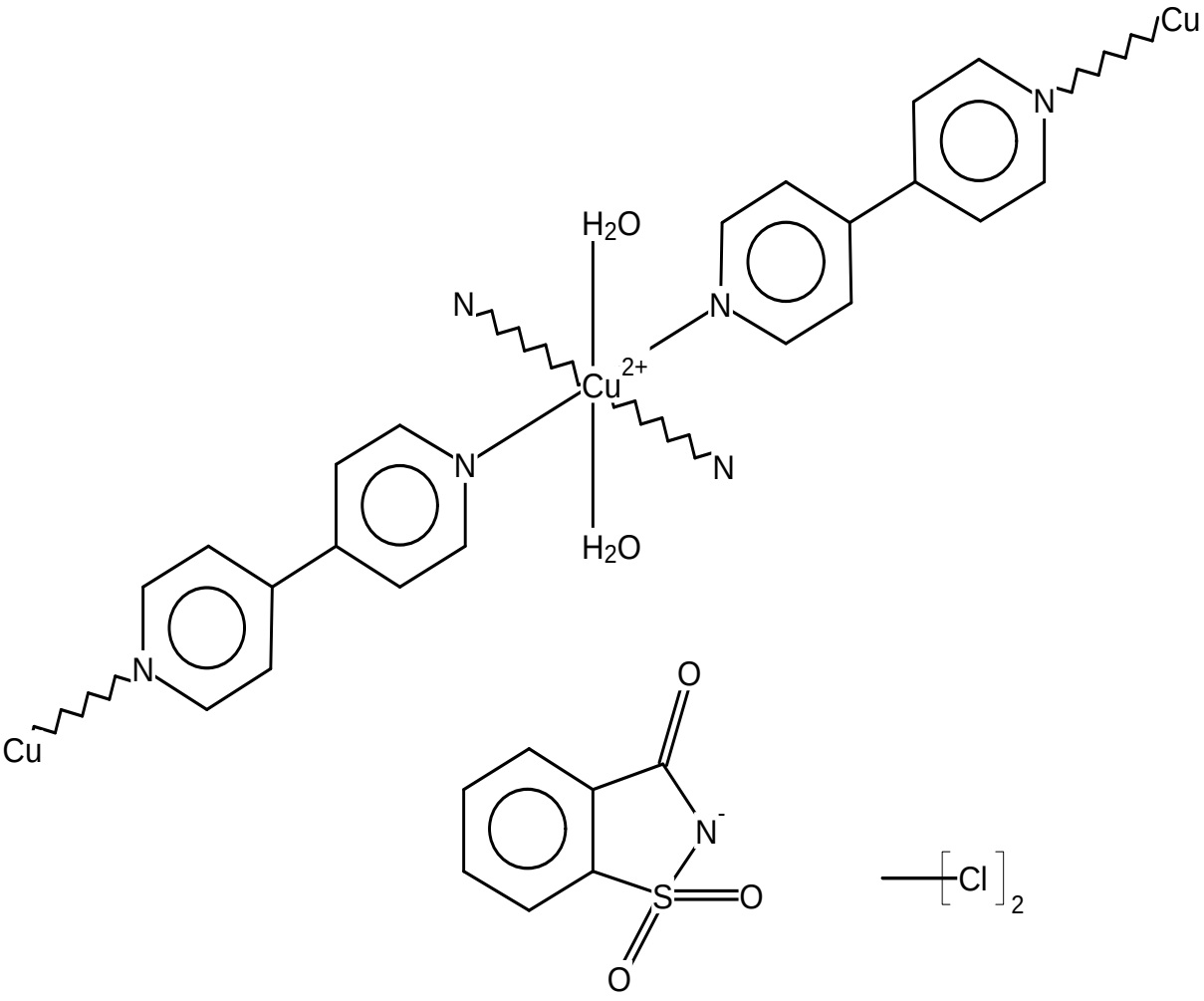
Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,2n(C_7\ H_4\ N_1\ O_3\ S_1\ ^{1-}),n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(trans-bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-copper(ii) bis(o-sulfobenzimidate) dichloromethane clathrate)

Synonym: catena-(trans-bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-copper(ii) bis(saccharinate) dichloromethane clathrate)

Space Group:	Pbcn	***Cell:***	***a***	14.912(0)	***b***	16.448(0)	***c*** 16.000(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.46 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.458



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1670

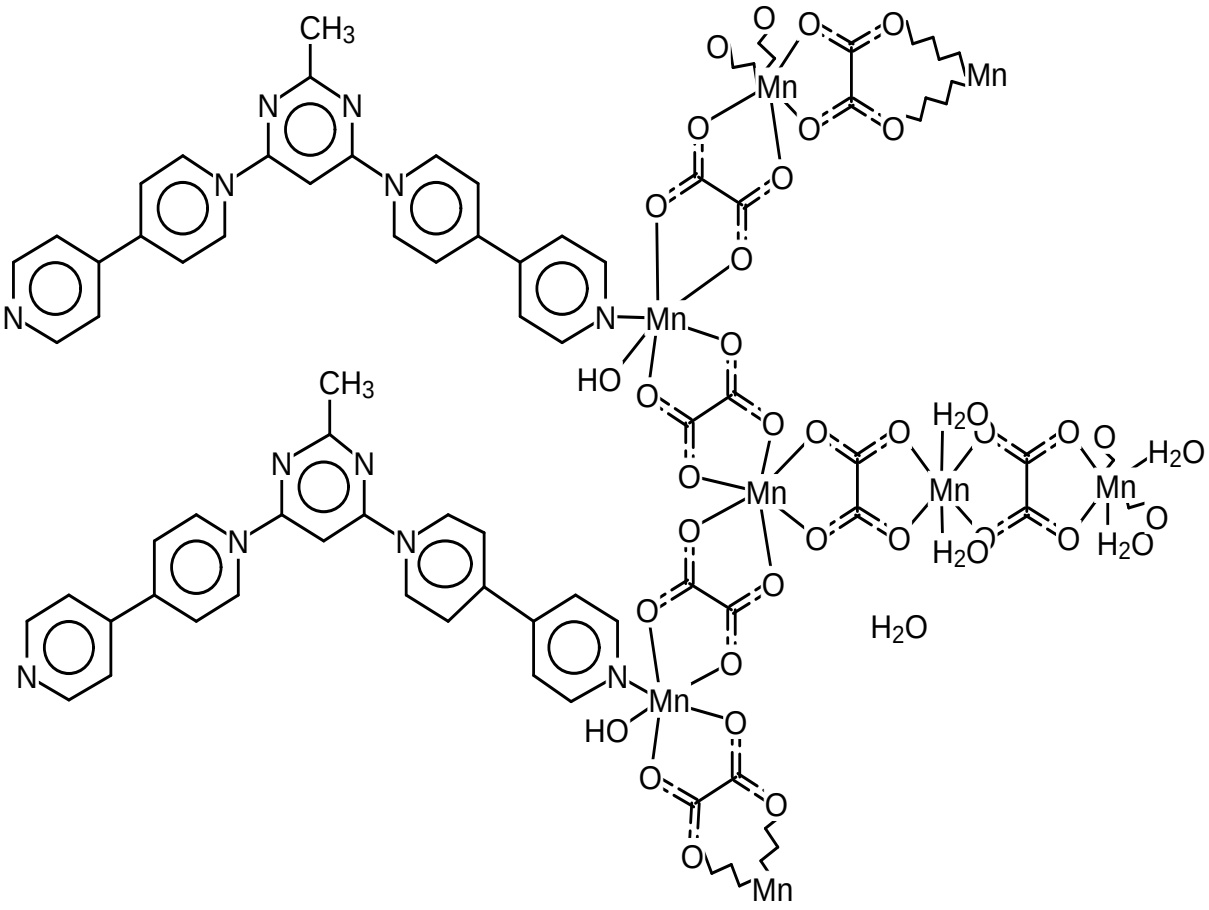
NODRAA

Reference: Wei Li, Hong-Peng Jia, Zhan-Feng Ju, Jie Zhang (2008)
Eur.J.Inorg.Chem. ,3367

Formula: $(C_{64}\ H_{50}\ Mn_6\ N_{12}\ O_{34})n,13n(H_2\ O_1)$

Compound Name: catena-(heptakis(μ_2-oxalato)-bis(2-methyl-4,6-bis(4'-pyridyl-1'-pyridinio) pyrimidine-N)-tetra-aqua-dihydroxo-hexa-manganese(ii) tridecahydrate)

Space Group:	C2/c	***Cell:***	***a***	52.640(20)	***b***	9.406(4)	***c*** 18.316(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β	109.26(0)	γ 90.00
R-Factor (%):	9.22	***Temperature(K):***	293		***Density(g/cm^3):***		1.625



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1671

NOGBER

Reference: Jun-Wei Zhao, Jie Zhang, Shou-Tian Zheng, Guo-Yu Yang (2008) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**27,**933

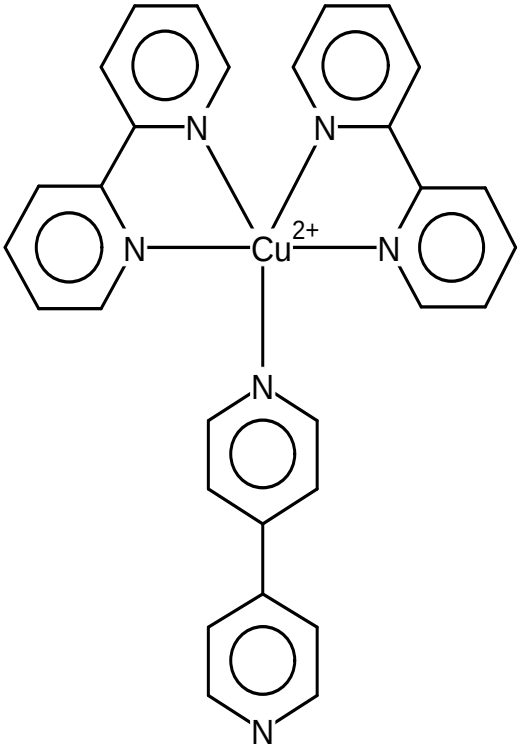
Formula: $2(C_{30}\ H_{24}\ Cu_1\ N_6\ ^{2+}),Ge_1\ O_{40}\ W_{12}\ ^{4-},4(H_2\ O_1)$

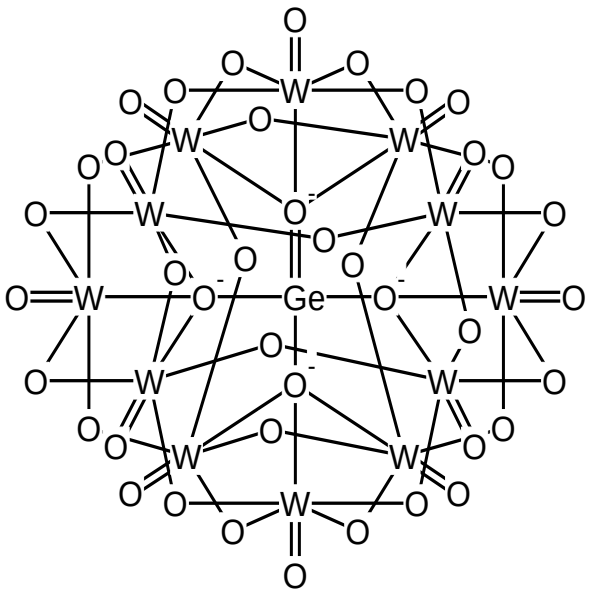
Compound Name: bis(bis(2,2'-Bipyridine)-(4,4'-bipyridine)-copper(ii)) α-(tetrakis(μ_4-oxo)-tetracosakis(μ_2-oxo)-dodeca-oxo-germanium-dodeca-tungsten) tetrahydrate

Synonym: bis(bis(2,2'-Bipyridine)-(4,4'-bipyridine)-copper(ii)) α-((μ_{12}-germanato)-tetracosakis(μ_2-oxo)-dodeca-oxo-dodeca-tungsten) tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	12.858(4)	***b*** 20.943(6)	***c***	15.598(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.34(0)	γ	90.00

R-Factor (%): 5.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.282





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1672

NOGBOB

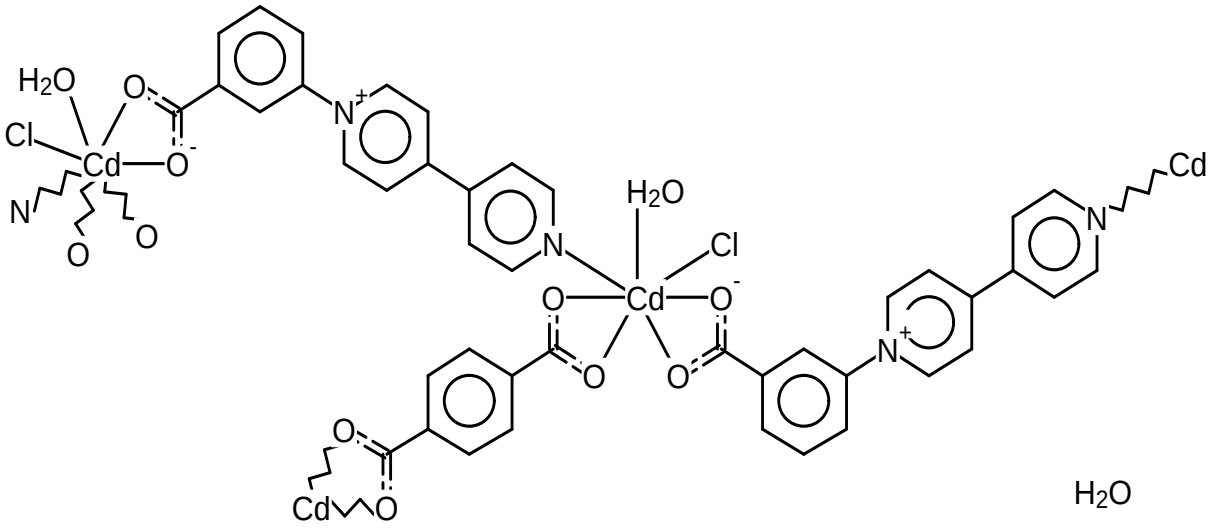
Reference: Wei Wu, Xu-Hui Jin, Zhang-Feng Ju, Jie Zhang (2008) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**27,**949

Formula: $(C_{42}\ H_{32}\ Cd_2\ Cl_2\ N_4\ O_{10})n,6n(H_2\ O_1)$

Compound Name: catena-[(μ_2-1,4-Benzenedicarboxylato-O,O',O'',O''')-bis(μ_2-3-(4,4'-bipyridinium-1-yl)benzoato-N,O,O')-diaqua-dichloro-di-cadmium(ii) hexahydrate]

Space Group:	C2/c	***Cell:***	***a***	21.046(3)	***b***	11.004(1)	***c***	20.012(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	98.69(0)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.677



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1673

NOGDIX

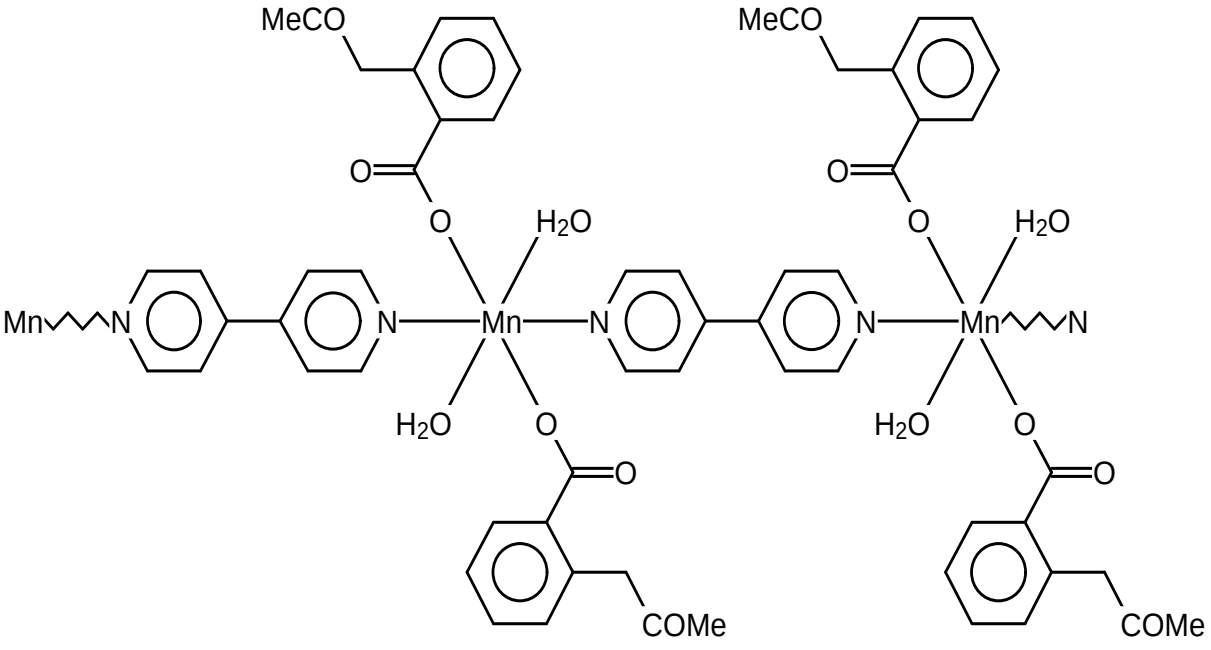
Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Zhi-Ming Chen, Ying Wang (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* , **24,**1365

Formula: $(C_{60}\ H_{60}\ Mn_2\ N_4\ O_{16})n$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-tetrakis(2-(2-oxopropyl) benzoato-O)-di-manganese(ii)]

Space Group:	P43212	***Cell:***	***a***	16.260(3)	***b***	16.260(3)	***c***	21.035(4)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.47 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.437



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1674

NOGRIL

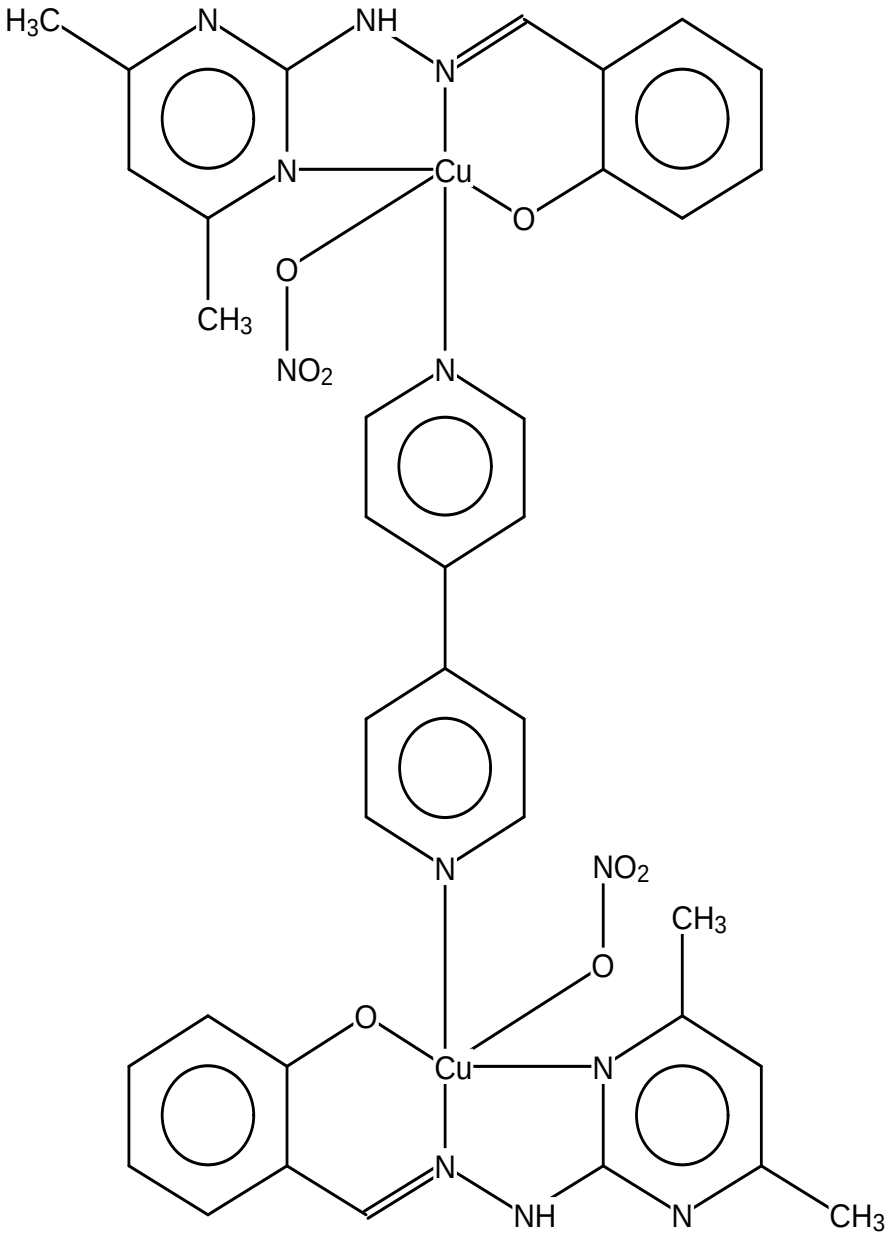
Reference: S.Gupta, S.Pal, A.K.Barik, A.Hazra, S.Roy, T.N.Mandal, Shie-Ming Peng, Gene-Hsiang Lee, M.S.El Fallah, J.Tercero, S.K.Kar (2008) *Polyhedron* ,**27,**2519

Formula: $C_{36}\ H_{34}\ Cu_2\ N_{12}\ O_8$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(2-((2-(4,6-dimethylpyrimidin-2-yl) hydrazinylidene)methyl)phenolato-N,N',O)-bis(nitrato-O)-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	7.414(0)	***b***	9.987(0)	***c*** 12.820(0)
Space Group No.:	2	***(Å,°)***	α	105.03(0)	β	99.73(0)	γ 95.10(0)

R-Factor (%): 5.50 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.652



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1675

NOGVOV

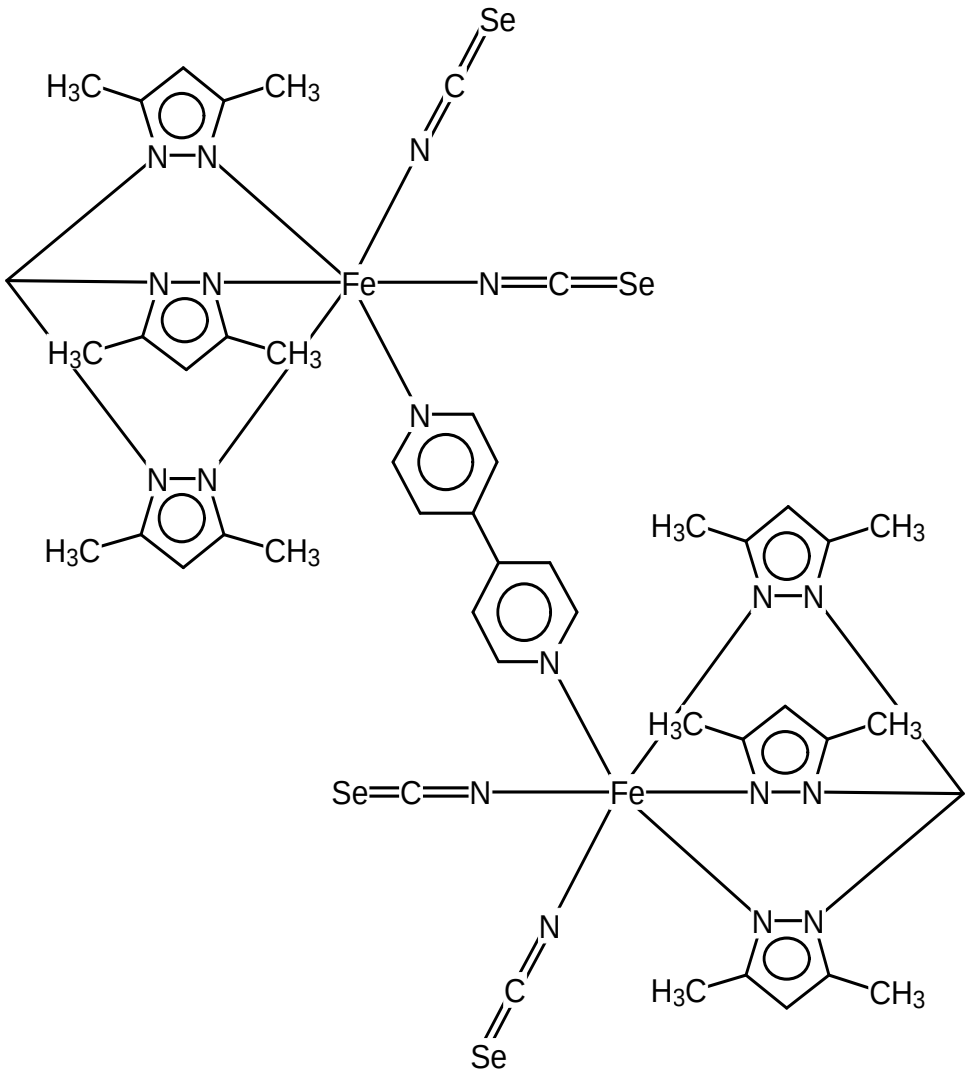
Reference: A.A.Salaudeen, C.A.Kilner, M.A.Halcrow (2008)
*Polyhedron ,***27,**2569

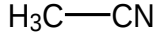
Formula: $C_{46}\ H_{52}\ Fe_2\ N_{18}\ Se_4$,4($C_2\ H_3\ N_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(tris(3,5-dimethylpyrazolyl)methane-N,N',N'')-tetrakis(isoselenocyanato)-di-iron(ii) acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	10.510(0)	***b*** 18.698(0)	***c***	16.469(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.89(0)	γ	90.00

R-Factor (%): 3.78 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.519





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1676

NOHSUZ

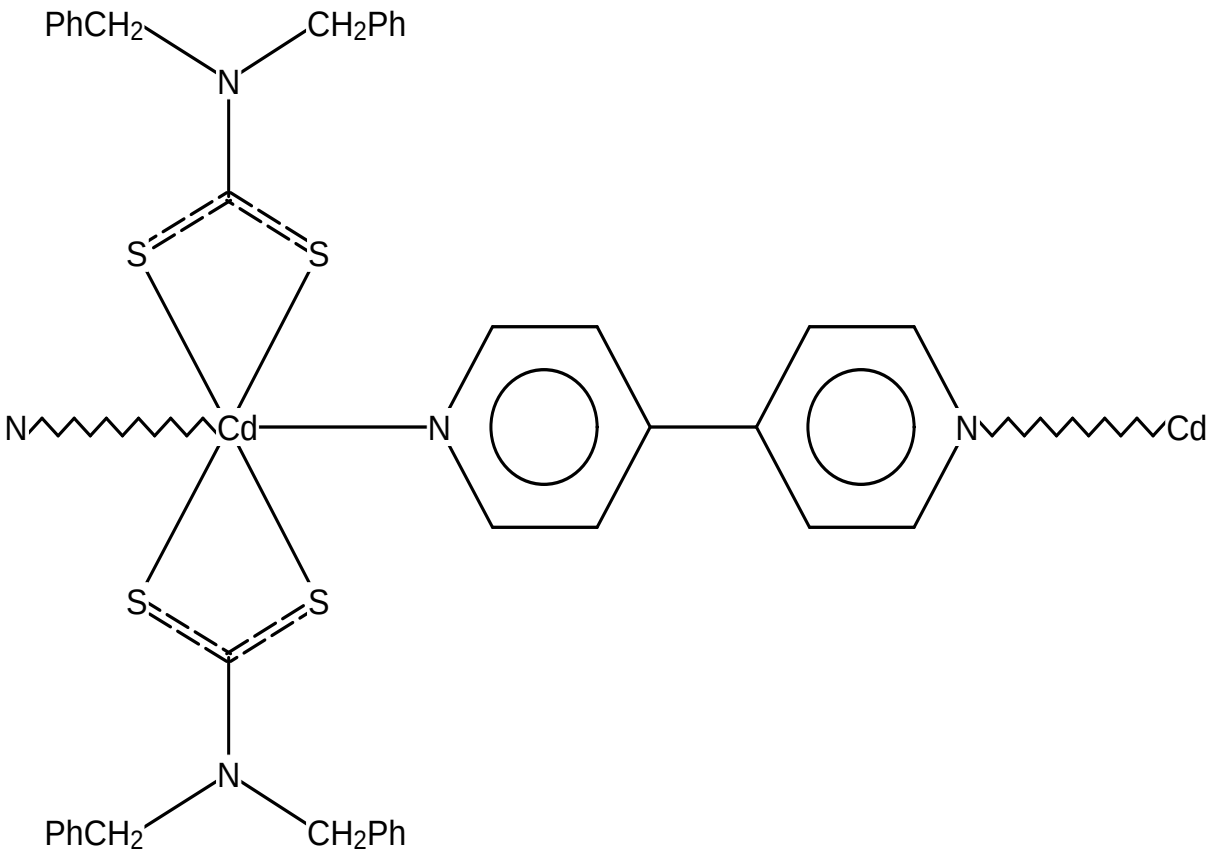
Reference: Jun Fan, Feng-Xian Wei, Wei-Guang Zhang, Xia Yin, Chian-Sing Lai, E.R.T.Tiekink (2007) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**65,**2014

Formula: $(C_{40}\ H_{36}\ Cd_1\ N_4\ S_4)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(N,N-dibenzyldithiocarbamato)-cadmium(ii))

Space Group:	P2/n	***Cell:***	***a***	9.704(0)	***b***	12.049(0)	***c*** 31.616(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.06(0)	γ 90.00

R-Factor (%): 3.56 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1677

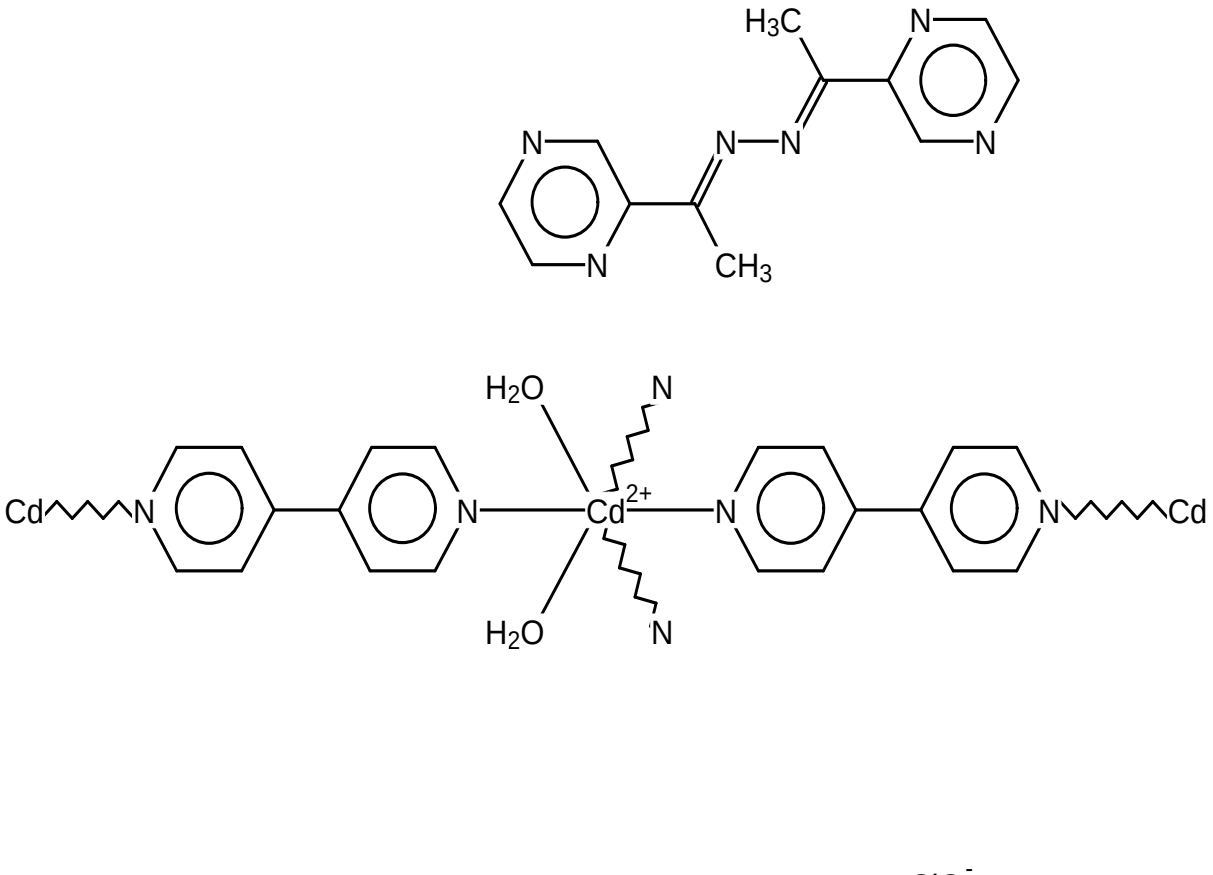
NOHTOU

Reference: Dayu Wu, Genhua Wu, Wei Huang, Zhuqing Wang (2008) *Collect.Czech.Chem.Commun. ,***73,**24

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{12}\ H_{12}\ N_6)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-diaqua-cadmium(ii) diperchlorate bis(2,2'-(1,2-hydrazinediylidenedi-1-ethyl-1-ylidene)dipyrazine) clathrate)

Space Group:	C2221	***Cell:***	***a***	11.781(1)	***b***	17.196(1)	***c*** 23.633(2)
Space Group No.:	20	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	3.83	***Temperature(K):***	293	***Density(g/cm^3):***	1.582		



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1678

NOJFAU

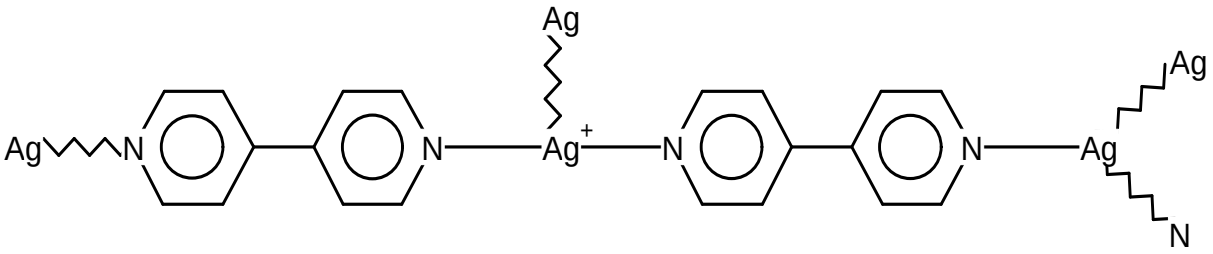
Reference: Zi-Yi Du, Qing-Yan Liu, He-Rui Wen, Yong-Rong Xie, Jian-Jun Huang (2008)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**64,**m353

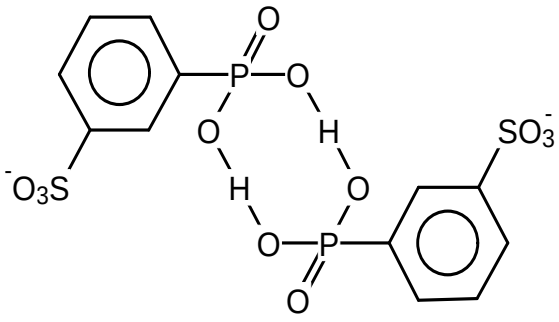
Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{1+})2n,n(C_{12}\ H_{10}\ O_{12}\ P_2\ S_2\ ^{2-}),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_2$-4,4'-Bipyridyl)-di-silver(i) bis(3-(hydroxy(oxido) phosphinoyl)benzenesulfonate) hexahydrate)

Space Group:	Pbcn	***Cell:***	***a***	14.539(3)	***b***	17.472(4)	***c*** 22.623(4)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.892





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1679

NOJFEY

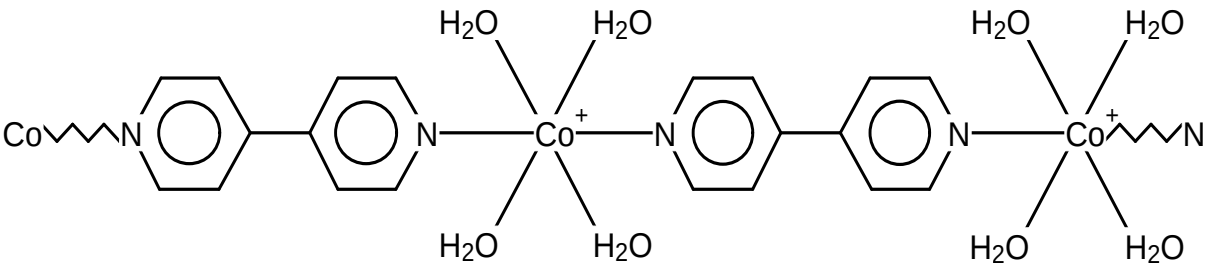
Reference: Zi-Yi Du, Qing-Yan Liu, He-Rui Wen, Yong-Rong Xie, Jian-Jun Huang (2008)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**64,**m353

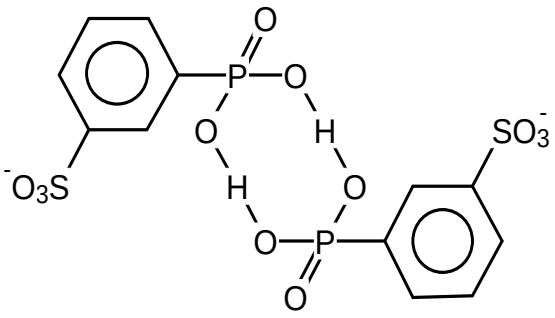
Formula: $(C_{20}\ H_{32}\ Co_2\ N_4\ O_8\ ^{2+})n,n(C_{12}\ H_{10}\ O_{12}\ P_2\ S_2\ ^{2-})$

Compound Name: catena-(bis(μ$_2$-4,4'-Bipyridyl)-octa-aqua-di-cobalt(ii) bis(3-(hydroxy(oxido)phosphinoyl)benzenesulfonate))

Space Group:	Cmca	***Cell:***	***a***	14.957(0)	***b***	22.563(1)	***c***	12.170(0)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.98 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.693





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1680

NOKJON

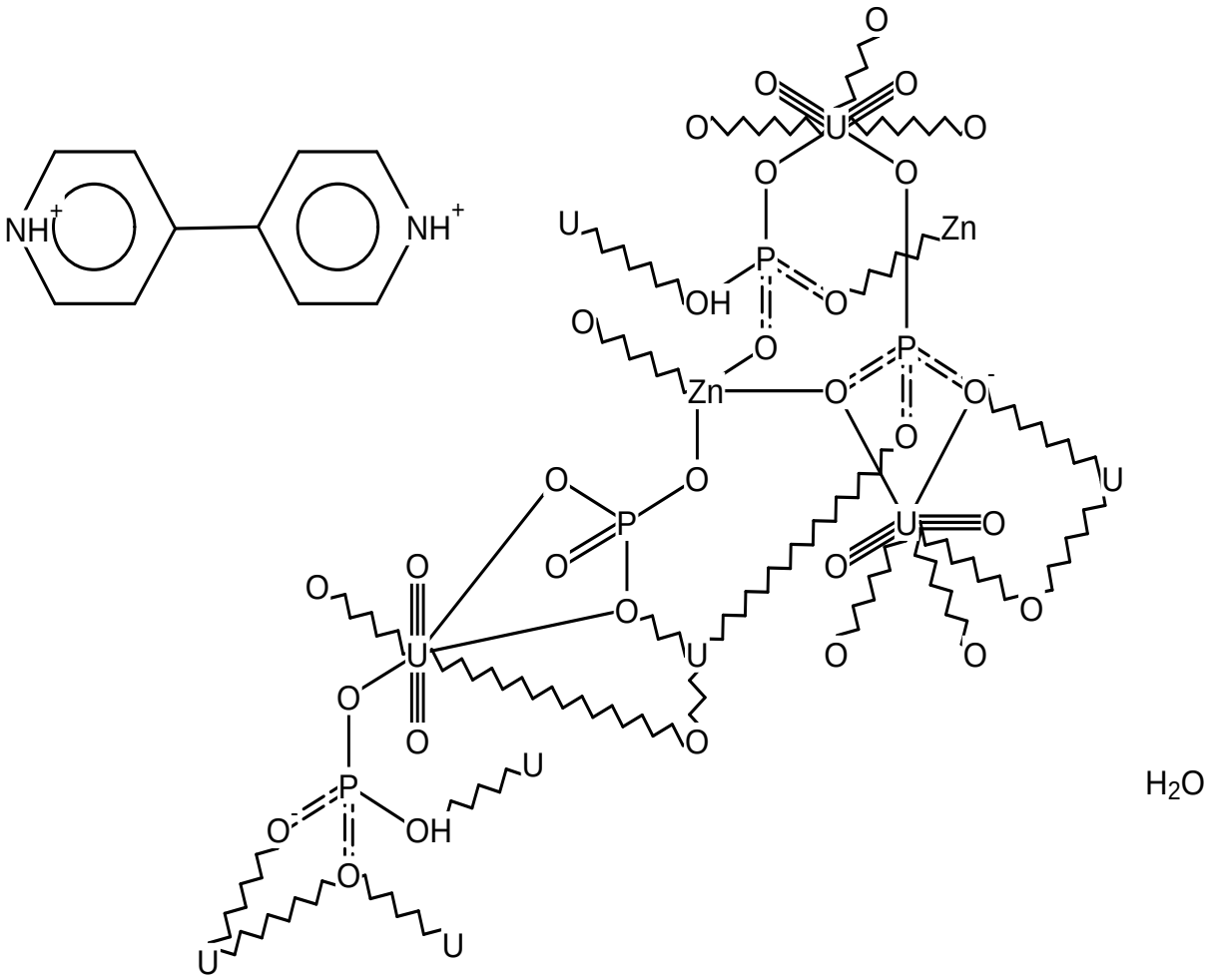
Reference: Yaqin Yu, Wei Zhan, T.E.Albrecht-Schmitt (2008)
*Inorg.Chem. ,***47,**9050

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(H_2\ O_{22}\ P_4\ U_3\ Zn_1\ ^{2-}),0.25n(H_2\ O_1)$

Compound Name: catena-((4,4'-Bipyridinium) (μ_5-phosphato)-(μ_4-hydrogen phosphato-O,O',O'',O''')-(μ_4-hydrogen phosphato-O,O',O'',O''')-(μ_3-phosphato)-hexaoxo-zinc-tri-uranium(vi) hydrate)

Space Group:	P-1	***Cell:***	***a***	10.980(2)	***b***	13.029(3)	***c***	13.599(3)
Space Group No.:	2	***(Å,°)***	α	62.31(0)	β	70.92(0)	γ	72.95(0)

R-Factor (%):	5.81	***Temperature(K):***	193	***Density(g/cm^3):***	2.939



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1681

NOKPOS

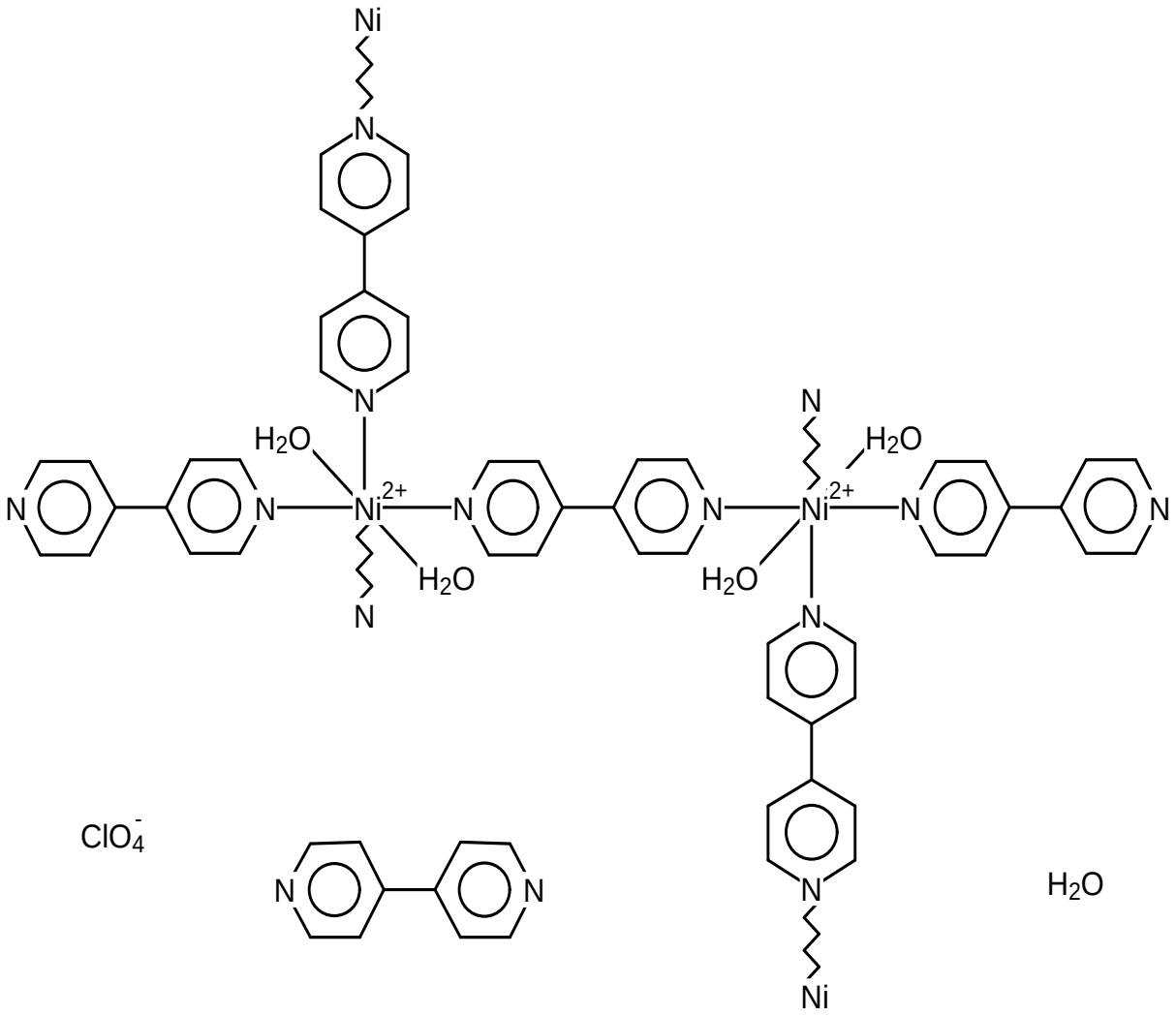
Reference: O.M.Yaghi, H.Li, T.L.Groy (1997) *Inorg.Chem.* ,**36,**4292

Formula: $(C_{50}\ H_{48}\ N_{10}\ Ni_2\ O_4\ ^{4+})n,4n(Cl_1\ O_4\ ^{1-}),3n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-bis((4,4'-bipyridine)-tetra-aqua-di-nickel(ii)) tetraperchlorate 4,4'-bipyridine clathrate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.990(2)	***b***	11.387(4)	***c*** 25.210(8)
Space Group No.:	2	***(Å,°)***	α	78.31(3)	β	81.35(2)	γ 78.42(3)

R-Factor (%): 4.52 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.450



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1682

NOMWIW

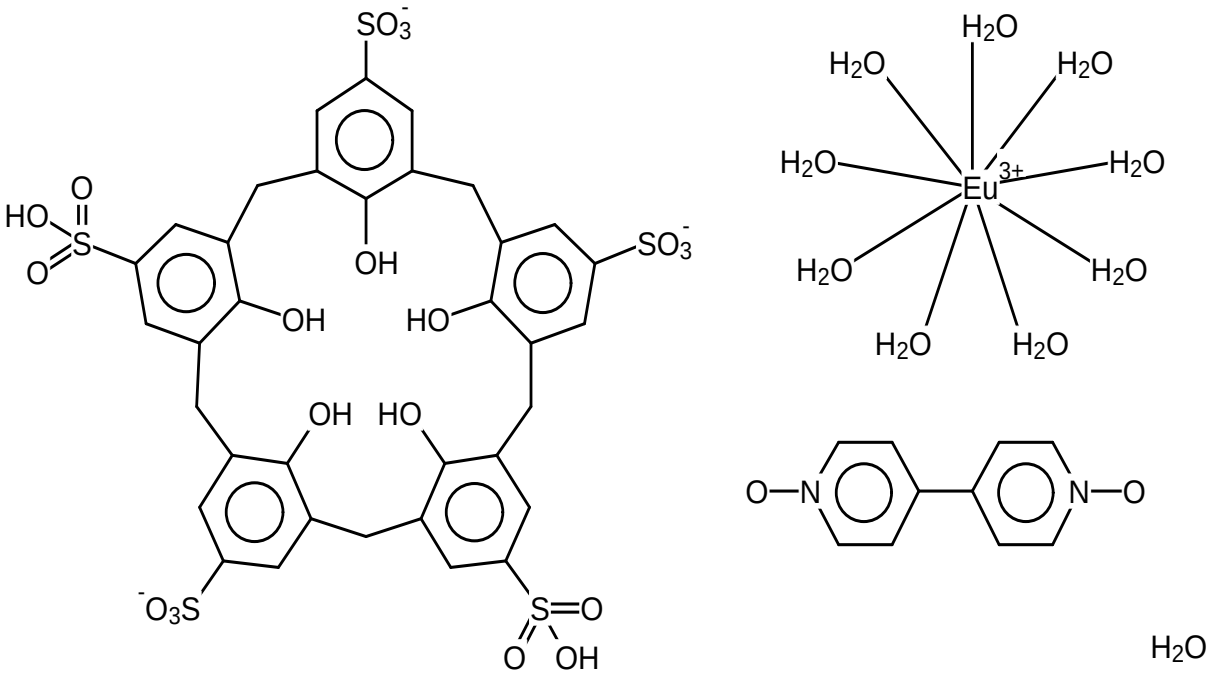
Reference: S.Dalgarno, J.E.Warren, J.L.Atwood, C.L.Raston (2008) *New J.Chem. ,***32,**2100

Formula: $2(H_{18}\ Eu_1\ O_9\ ^{3+}),2(C_{35}\ H_{27}\ O_{20}\ S_5\ ^{3-}),2(C_{10}\ H_8\ N_2\ O_2),17(H_2\ O_1)$

Compound Name: bis(nonaaqua-europium(iii)) bis(dihydrogen 5,11,17,23,29-pentasulfonato-31,32,33,34,35-pentahydroxycalix(5)arene 4,4'-dipyridine N,N'-dioxide clathrate) heptadecahydrate

Space Group:	P21/c	***Cell:***	***a***	30.033(0)	***b***	19.430(0)	***c***	21.346(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.94(0)	γ	90.00

R-Factor (%):	11.15	***Temperature(K):***	150	***Density(g/cm^3):***	1.691



Search: search1 (Thu May 26 10:05:42 2011): Hit 1683

NONXAQ

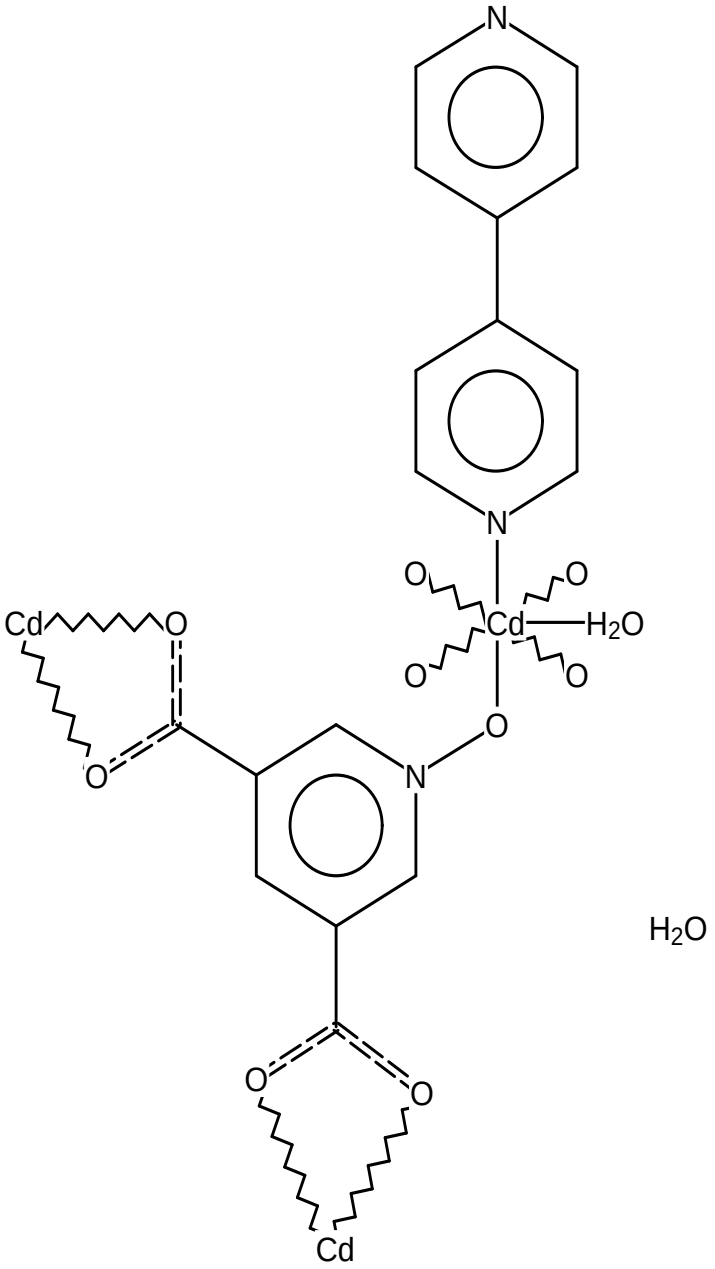
Reference: Yan-Yan Xu, Jian-Guo Lin, Jing Yao, Song Gao, Hui-Zhen Zhu, Qing-Jin Meng (2008) *Inorg.Chem.Commun.* ,**11,**1422

Formula: $(C_{17}\ H_{13}\ Cd_1\ N_3\ O_6)n,5n(H_2\ O_1)$

Compound Name: catena-((μ_3-Pyridine-3,5-dicarboxylato N-oxide)-aqua-(4,4'-bipyridine)-cadmium pentahydrate)

Space Group:	P-1	***Cell:***	***a***	7.704(0)	***b***	8.821(1)	***c***	15.558(1)
Space Group No.:	2	***(Å,°)***	α	83.06(0)	β	77.09(0)	γ	77.23(0)

R-Factor (%):	4.28	***Temperature(K):***	293	***Density(g/cm^3):***	1.848



Search: search1 (Thu May 26 10:05:42 2011): Hit 1684

NOPGIJ

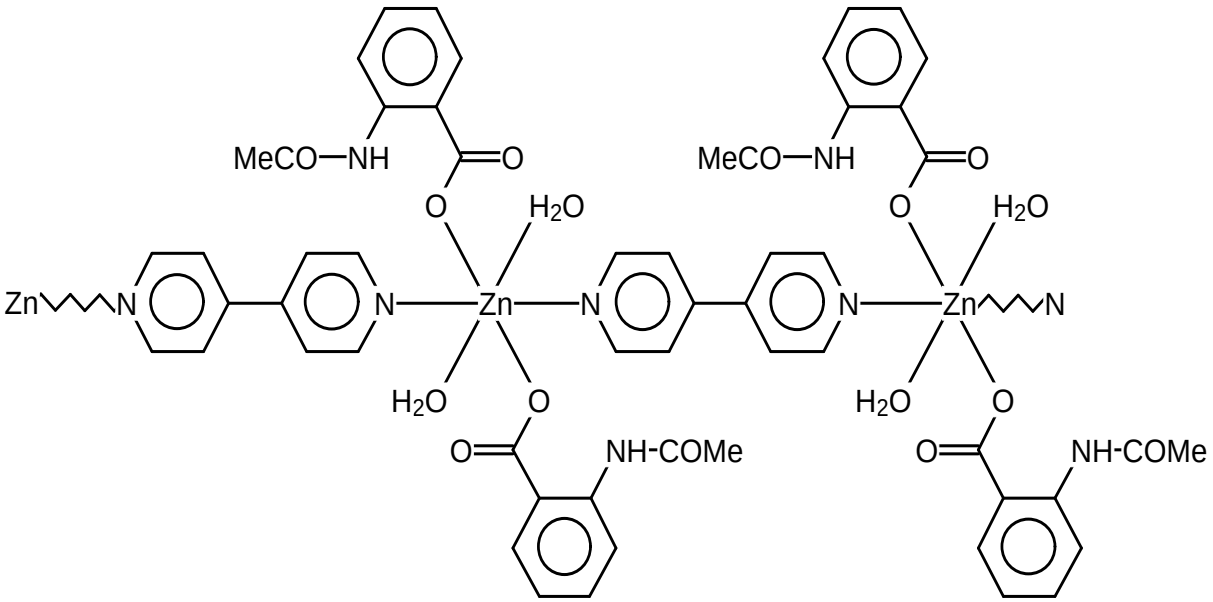
Reference: Chang-Hong Li, He-Ping Xie, Wei Li, Ying-Qun Yang
(2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**2051

Formula: $(C_{56}\ H_{56}\ N_8\ O_{16}\ Zn_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-tetrakis(o-acetamidobenzoato)-tetraaqua-di-zinc(ii))

Space Group:	P43212	***Cell:***	***a***	16.053(0)	***b***	16.053(0)	***c***	21.090(1)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.01 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.501



Search: search1 (Thu May 26 10:05:42 2011): Hit 1685

NOQPUF

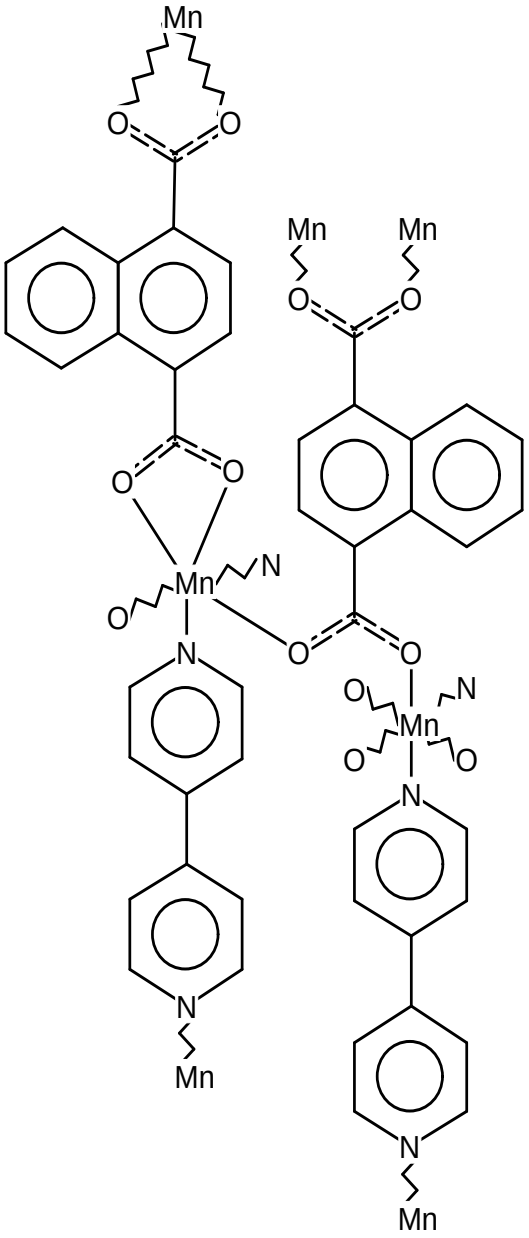
Reference: J.Boeckmann, I.Jess, C.Nather (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m421

Formula: $(C_{44}\ H_{28}\ Mn_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-Naphthalene-1,4-dicarboxylato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-(μ_2-naphthalene-1,4-dicarboxylato-O,O',O'',O''')-di-manganese(ii))

Space Group:	P21/n	***Cell:***	***a***	10.557(0)	***b***	30.187(0)	***c***	11.688(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.73(0)	γ	90.00

R-Factor (%): 6.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.520



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1686

NORSET

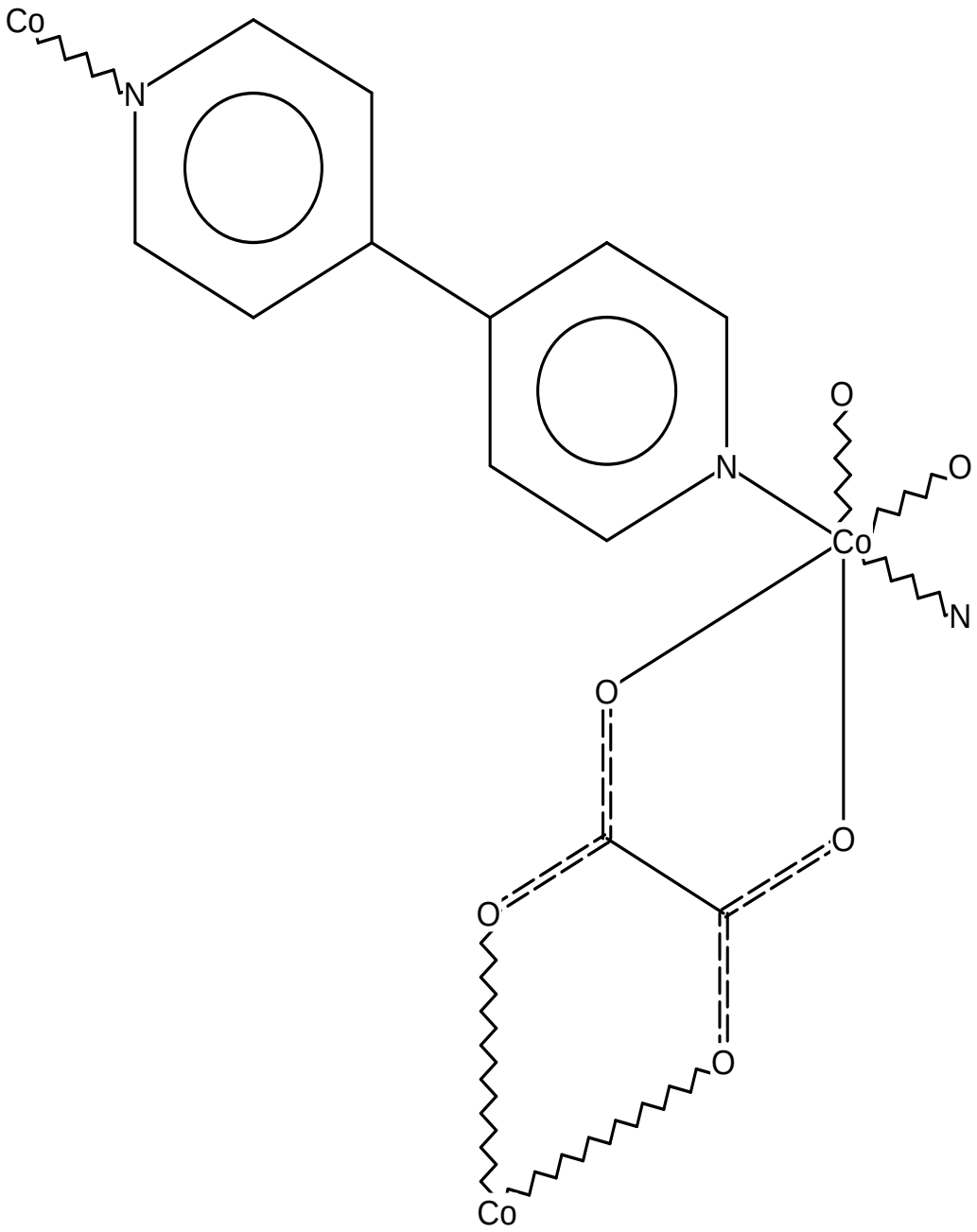
Reference: Gui-Li Wang, Xiao-Li Yang, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2008) *Inorg.Chem.Commun. ,***11,**1430

Formula: $(C_{12}\ H_8\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-oxalato)-cobalt(ii))

Space Group:	Immm	***Cell:***	***a***	10.955(1)	***b***	5.388(0)	***c***	11.399(1)
Space Group No.:	71	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.09 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.496



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1687

NORSIX

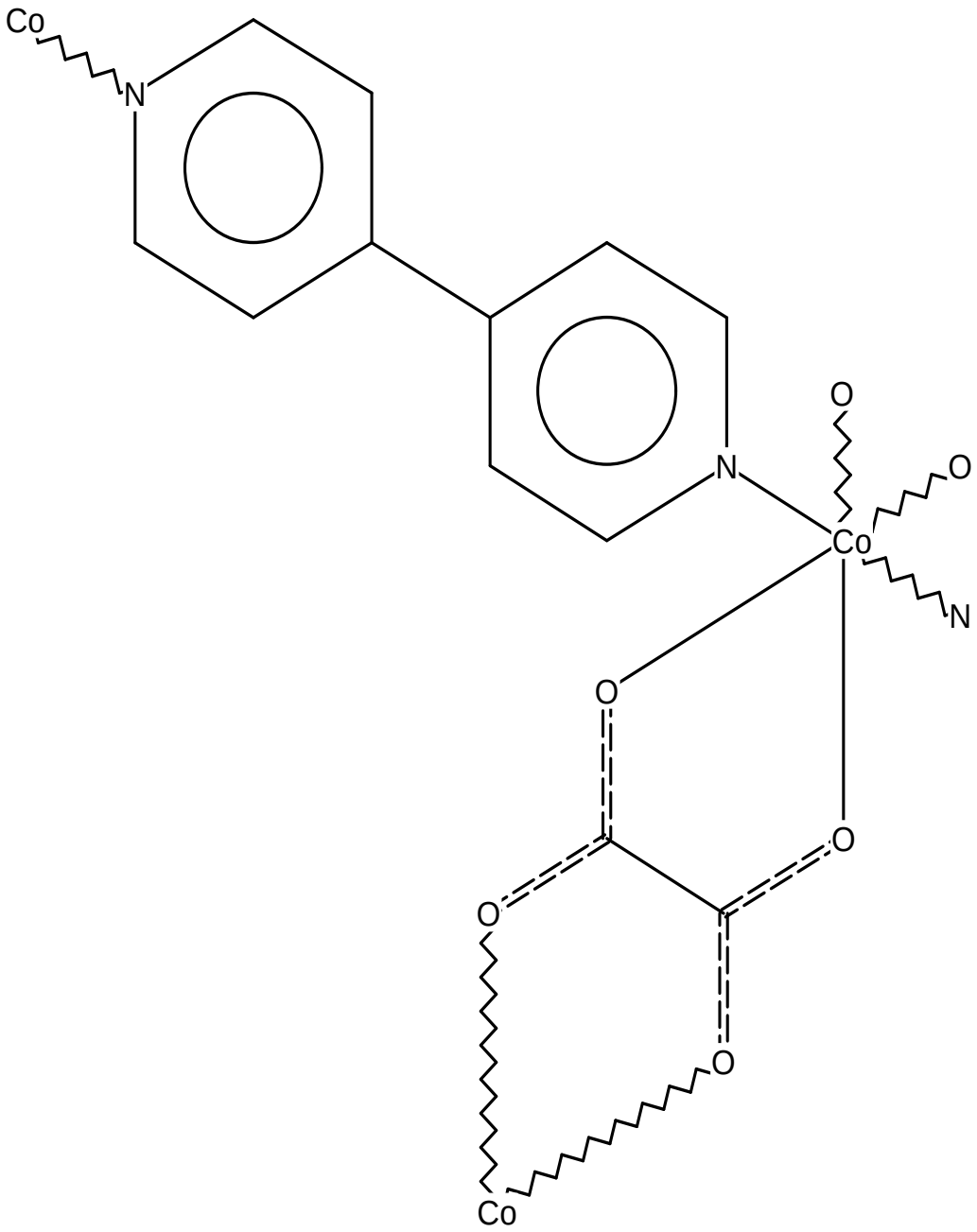
Reference: Gui-Li Wang, Xiao-Li Yang, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2008) *Inorg.Chem.Commun. ,***11,**1430

Formula: $(C_{12}\ H_8\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-oxalato)-cobalt(ii))

Space Group:	Immm	***Cell:***	***a***	5.400(1)	***b***	10.962(2)	***c*** 11.389(1)
Space Group No.:	71	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.54 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.493



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1688

NUCDIZ

Reference: R.K.Feller, A.K.Cheetham (2009) *CrystEngComm* ,**11,**980

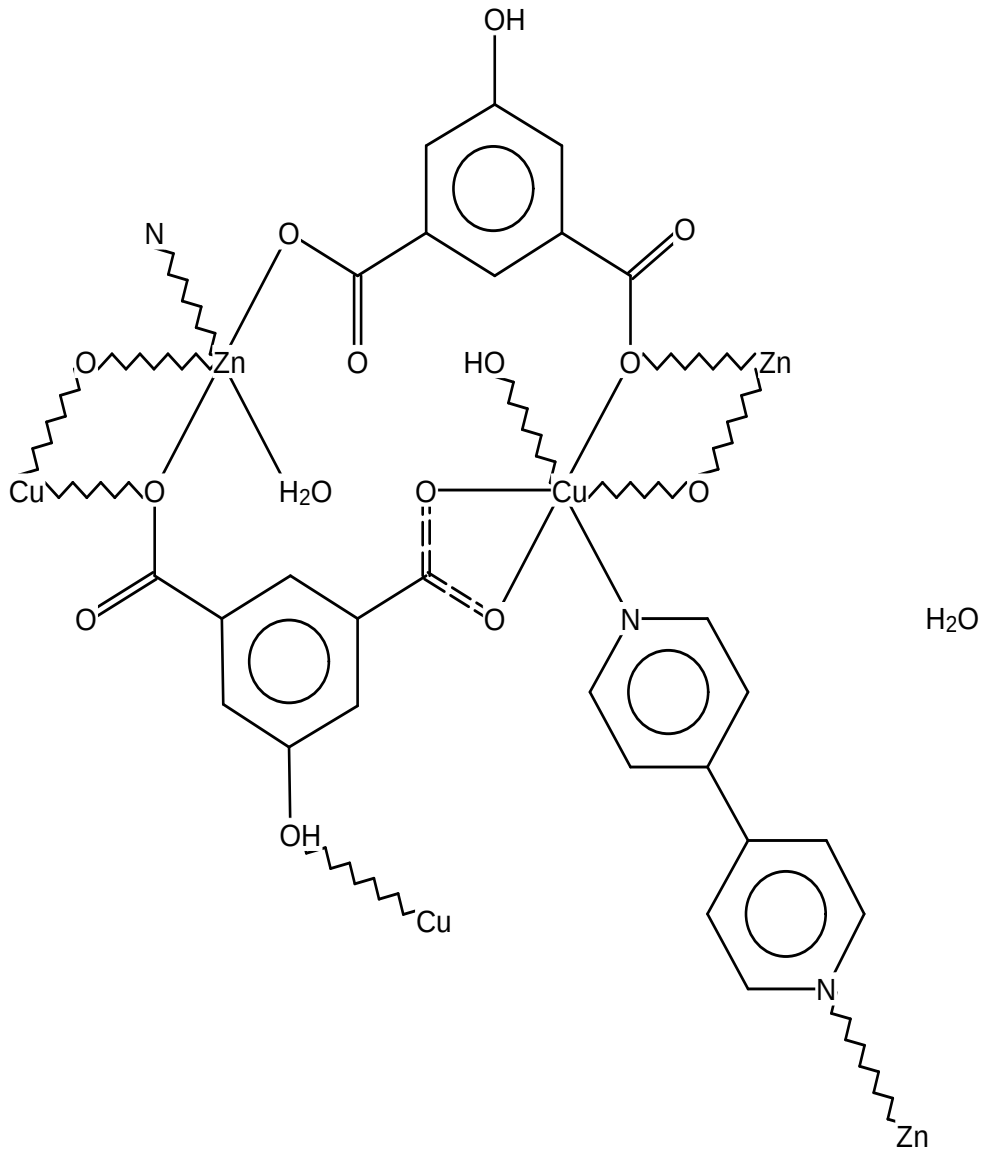
Formula: $(C_{26}\ H_{18}\ Cu_1\ N_2\ O_{11}\ Zn_1)n,1.5n(H_2\ O_1)$

Compound Name: catena-[(μ_4-5-Hydroxyisophthalato-O,O,O',O'',O''')-(μ_3-5-hydroxyisophthalato-O,O,O')-(μ_2-4,4'-bipyridine-N,N')-aqua-copper(ii)-zinc(ii) sesquihydrate]

Synonym: catena-[(μ_4-5-Hydroxybenzene-1,3-dicarboxylato-O,O,O',O'',O''')-(μ_3-5-hydroxybenzene-1,3-dicarboxylato-O,O,O')-(μ_2-4,4'-bipyridine-N,N')-aqua-copper(ii)-zinc(ii) sesquihydrate]

Space Group:	P21/n	***Cell:***	***a***	9.678(1)	***b***	11.925(1)	***c***	22.738(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.51(0)	γ	90.00

R-Factor (%): 5.18 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.756



Search: search1 (Thu May 26 10:05:42 2011): Hit 1689

NUCDOF

Reference: R.K.Feller, A.K.Cheetham (2009) *CrystEngComm* ,**11,**980

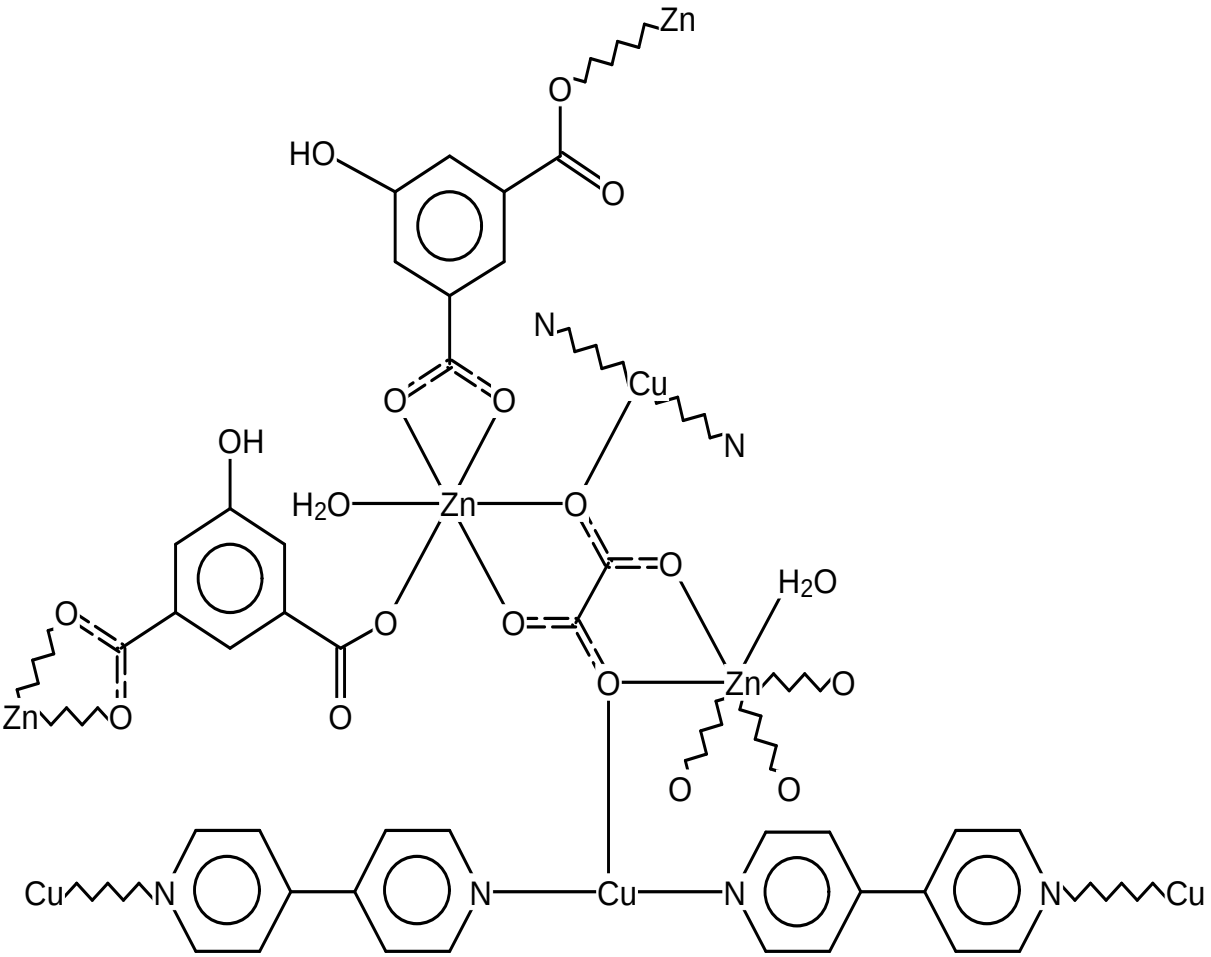
Formula: $(C_{38}\ H_{28}\ Cu_2\ N_4\ O_{16}\ Zn_2)n$

Compound Name: catena-[(μ_4-Oxalato-O,O,O',O',O'',O''')-bis(μ_2-5-hydroxyisophthalato-O,O',O'')-bis(μ_2-4,4'-bipyridine-N,N')-diaqua-di-copper(i)-di-zinc(ii)]

Synonym: catena-[(μ_4-Oxalato-O,O,O',O',O'',O''')-bis(μ_2-5-hydroxybenzene-1,3-dicarboxylato-O,O',O'')-bis(μ_2-4,4'-bipyridine-N,N')-diaqua-di-copper(i)-di-zinc(ii)]

Space Group:	P21/c	***Cell:***	***a***	10.871(4)	***b*** 16.511(6)	***c***	11.097(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 114.31(0)	γ	90.00

R-Factor (%): 6.89 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.929



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1690

NUCDUL

Reference: R.K.Feller, A.K.Cheetham (2009) *CrystEngComm* ,**11,**980

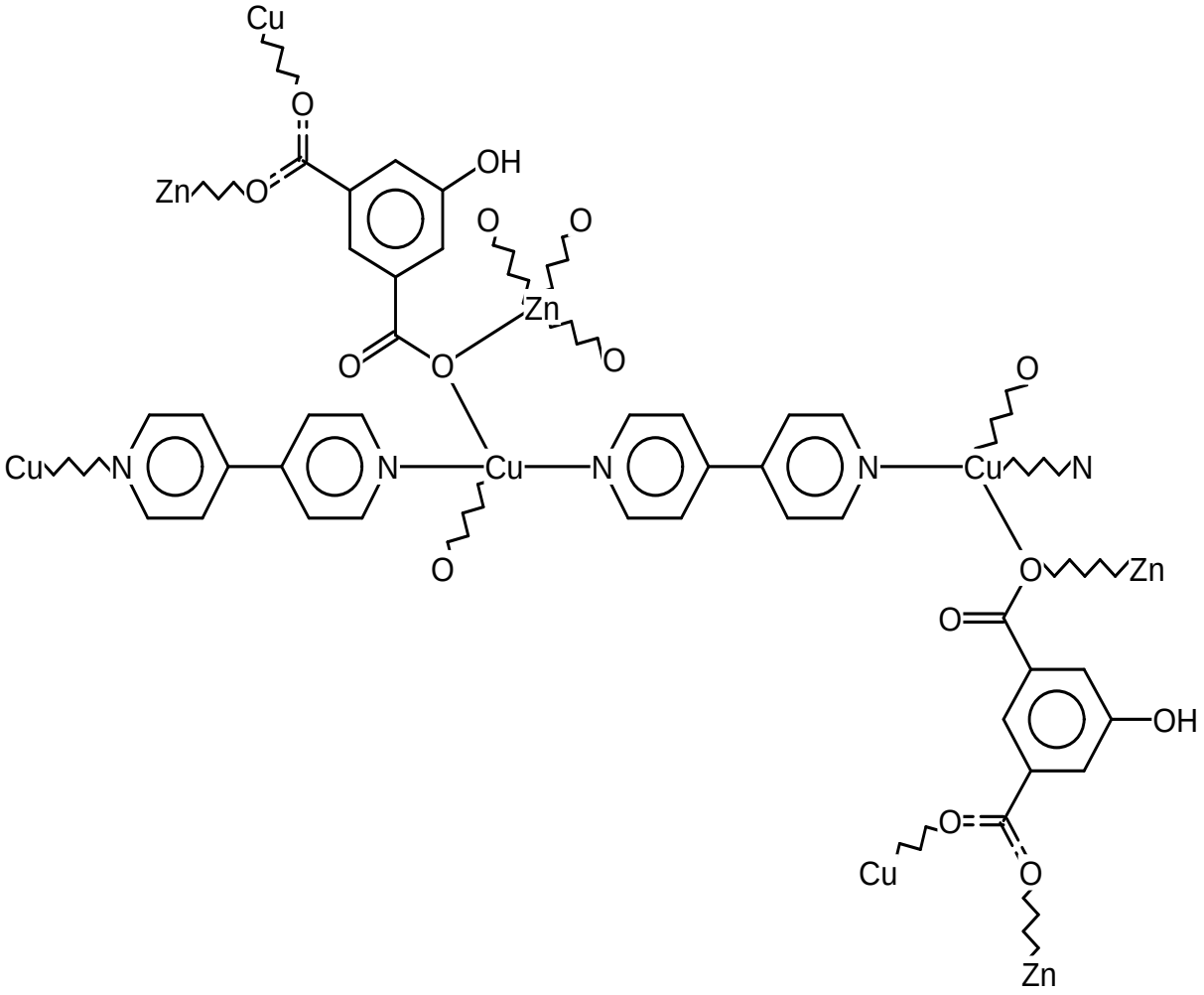
Formula: $(C_{36}\ H_{24}\ Cu_2\ N_4\ O_{10}\ Zn_1)n$

Compound Name: catena-[bis(μ_4-5-Hydroxyisophthalato-O,O,O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-di-copper(i)-zinc(ii)]

Synonym: catena-[bis(μ_4-5-Hydroxybenzene-1,3-dicarboxylato-O,O,O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-di-copper(i)-zinc(ii)]

Space Group:	P21/c	***Cell:***	***a***	14.779(1)	***b***	12.171(0)	***c***	17.676(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.35(0)	γ	90.00

R-Factor (%): 5.54 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.822



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1691

NUCSIO

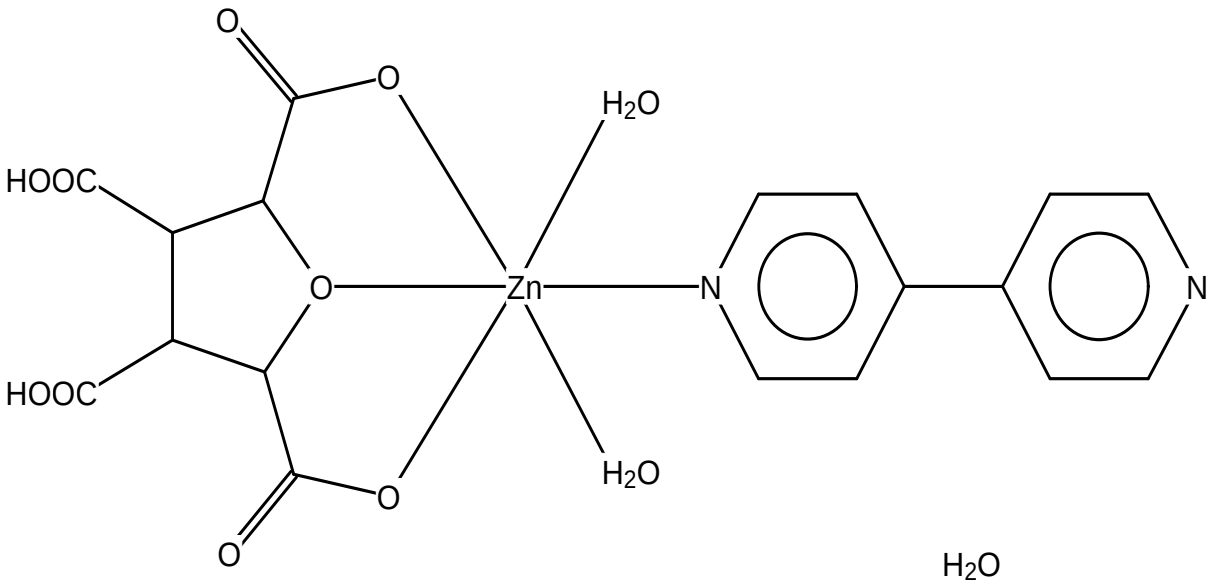
Reference: Lei Zhang, Qi-Pu Lin, Zhao-Ji Li, Jian Zhang, Ye-Yan Qin, Jian-Kai Cheng, Yuan-Gen Yao (2009) *CrystEngComm* ,**11,**1201

Formula: $C_{18}\ H_{18}\ N_2\ O_{11}\ Zn_1,0.5(H_2\ O_1)$

Compound Name: Diaqua-(4,4'-bipyridine-N)-(meso-(2S,3S,4R,5R)-3,4-dicarboxytetrahydrofuran-2,5-dicarboxylato-O,O',O'')-zinc hemihydrate

Space Group:	P-1	***Cell:***	***a***	5.216(3)	***b*** 12.753(8)	***c***	15.346(8)
Space Group No.:	2	***(Å,°)***	α	82.55(1)	β 80.71(1)	γ	87.95(1)

R-Factor (%): 4.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.705



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1692

NUCSOU

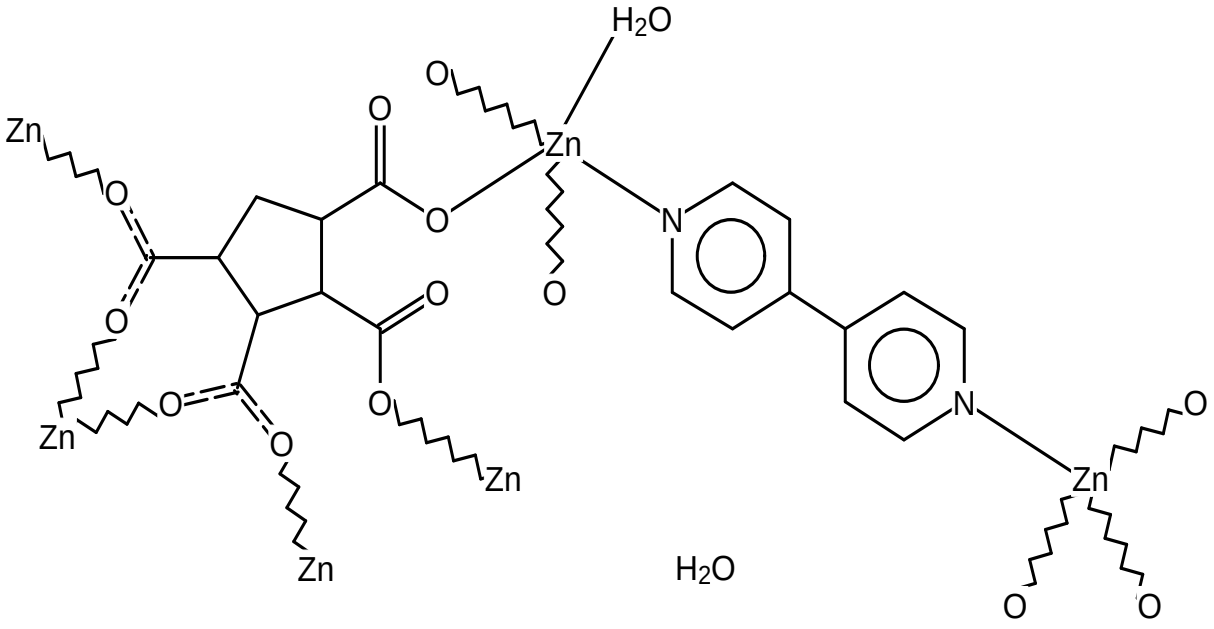
Reference: Lei Zhang, Qi-Pu Lin, Zhao-Ji Li, Jian Zhang, Ye-Yan Qin, Jian-Kai Cheng, Yuan-Gen Yao (2009) *CrystEngComm* ,**11,**1201

Formula: $(C_{19}\ H_{16}\ N_2\ O_9\ Zn_2)n,0.5n(H_2\ O_1)$

Compound Name: catena-[(μ_5-rac-(1R,2R,3R,4S)-1,2,3,4-Cyclopentanetetracarboxylato)-(μ_2-4,4'-bipyridine-N,N')-aqua-di-zinc hemihydrate]

Space Group:	P-1	***Cell:***	***a***	8.440(7)	***b*** 9.794(8)	***c***	12.998(11)
Space Group No.:	2	***(Å,°)***	α	92.78(0)	β 108.82(1)	γ	91.92(1)

R-Factor (%): 5.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.821



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1693

NUDDAS

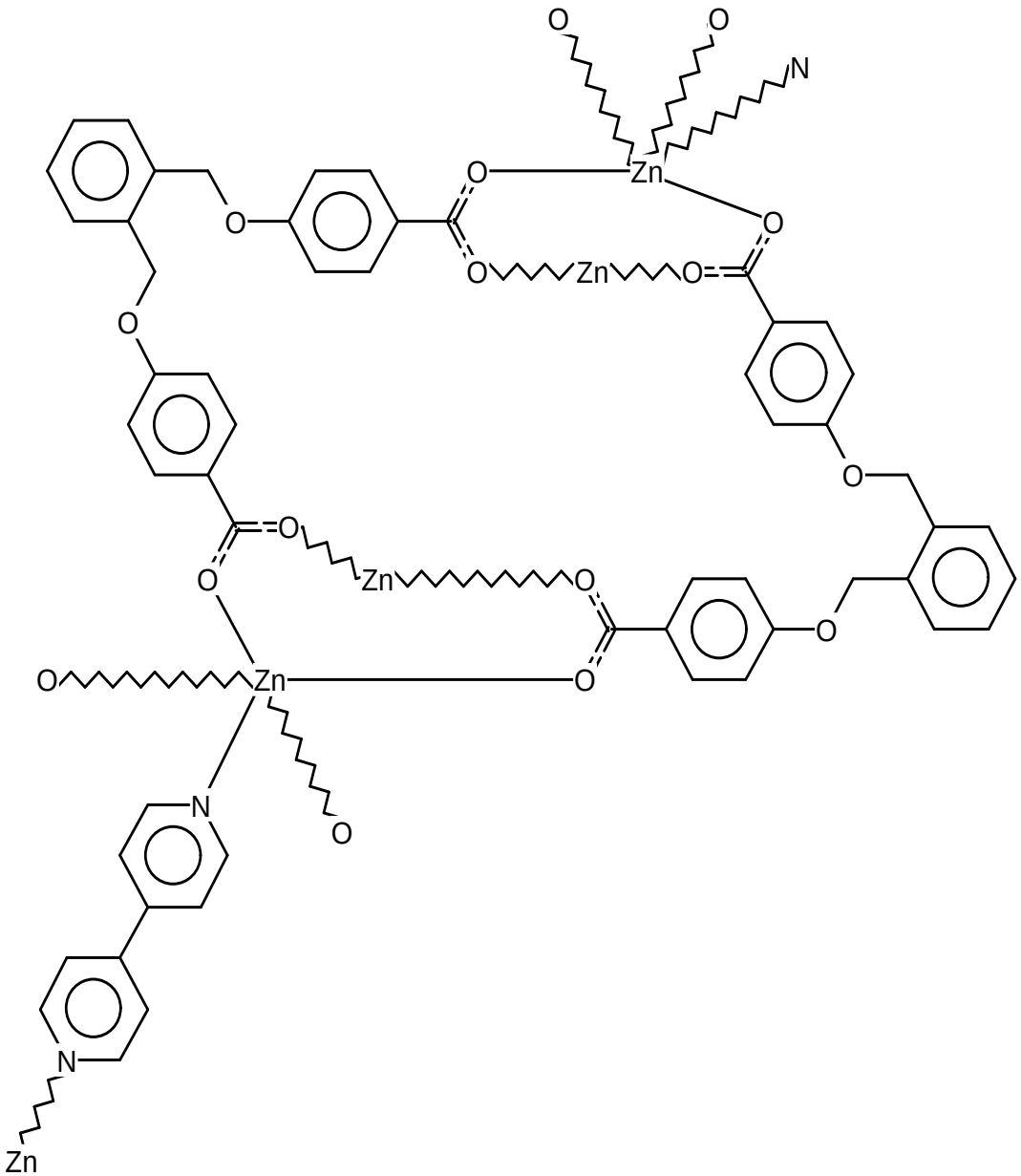
Reference: Xin-Yi Cao, Yuan-Gen Yao, S.R.Batten, En Ma, Ye-Yan Qin, Jian Zhang, Rui-Bo Zhang, Jian-Kai Cheng (2009) *CrystEngComm* ,**11,**1030

Formula: $(C_{54}\ H_{40}\ N_2\ O_{12}\ Zn_2)n$

Compound Name: catena-(bis(μ_4-4,4'-(1,2-Phenylene-bis(methyleneoxy))dibenzoato)-(μ_2-4,4'-bipyridine)-di-zinc)

Space Group:	P21/c	***Cell:***	***a***	8.081(0)	***b***	10.568(0)	***c*** 28.972(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	104.33(0)	γ 90.00

R-Factor (%): 5.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.440



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1694

NUDDEW

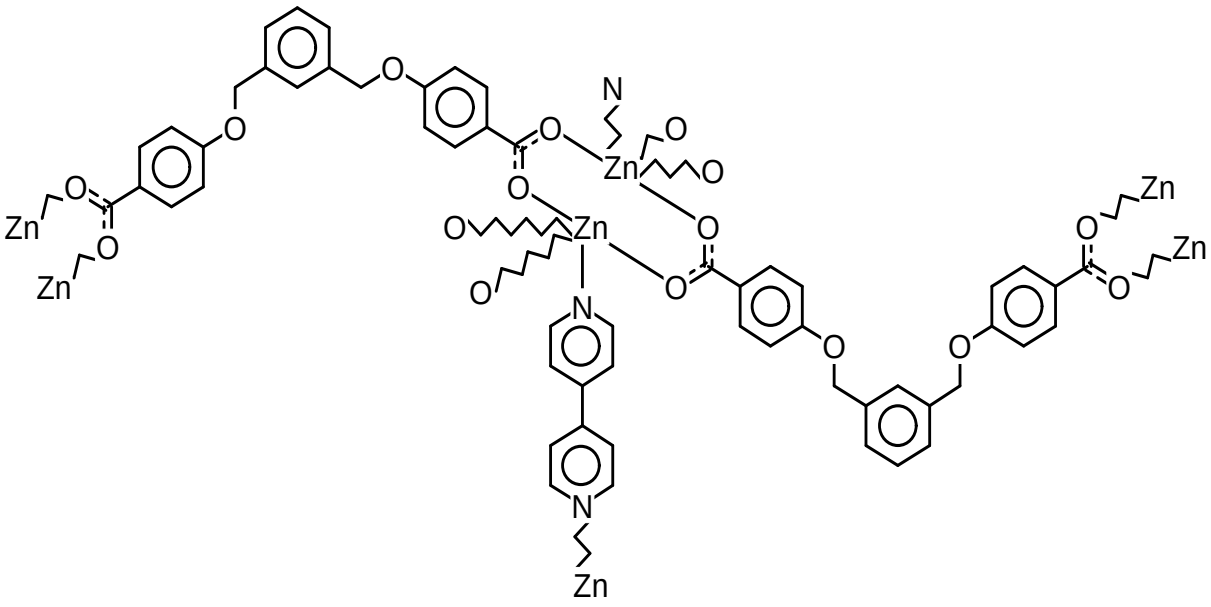
Reference: Xin-Yi Cao, Yuan-Gen Yao, S.R.Batten, En Ma, Ye-Yan Qin, Jian Zhang, Rui-Bo Zhang, Jian-Kai Cheng (2009) *CrystEngComm ,***11,**1030

Formula: $(C_{54}\ H_{40}\ N_2\ O_{12}\ Zn_2)n$

Compound Name: catena-(bis(μ_4-4,4'-(1,3-Phenylene-bis(methyleneoxy))dibenzoato)-(μ_2-4,4'-bipyridine)-di-zinc)

Space Group:	P-1	***Cell:***	***a***	13.027(4)	***b***	14.108(4)	***c*** 15.051(5)
Space Group No.:	2	***(Å,°)***	α	71.01(1)	β	72.30(1)	γ 71.35(1)

R-Factor (%): 7.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.429



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1695

NUFYAO

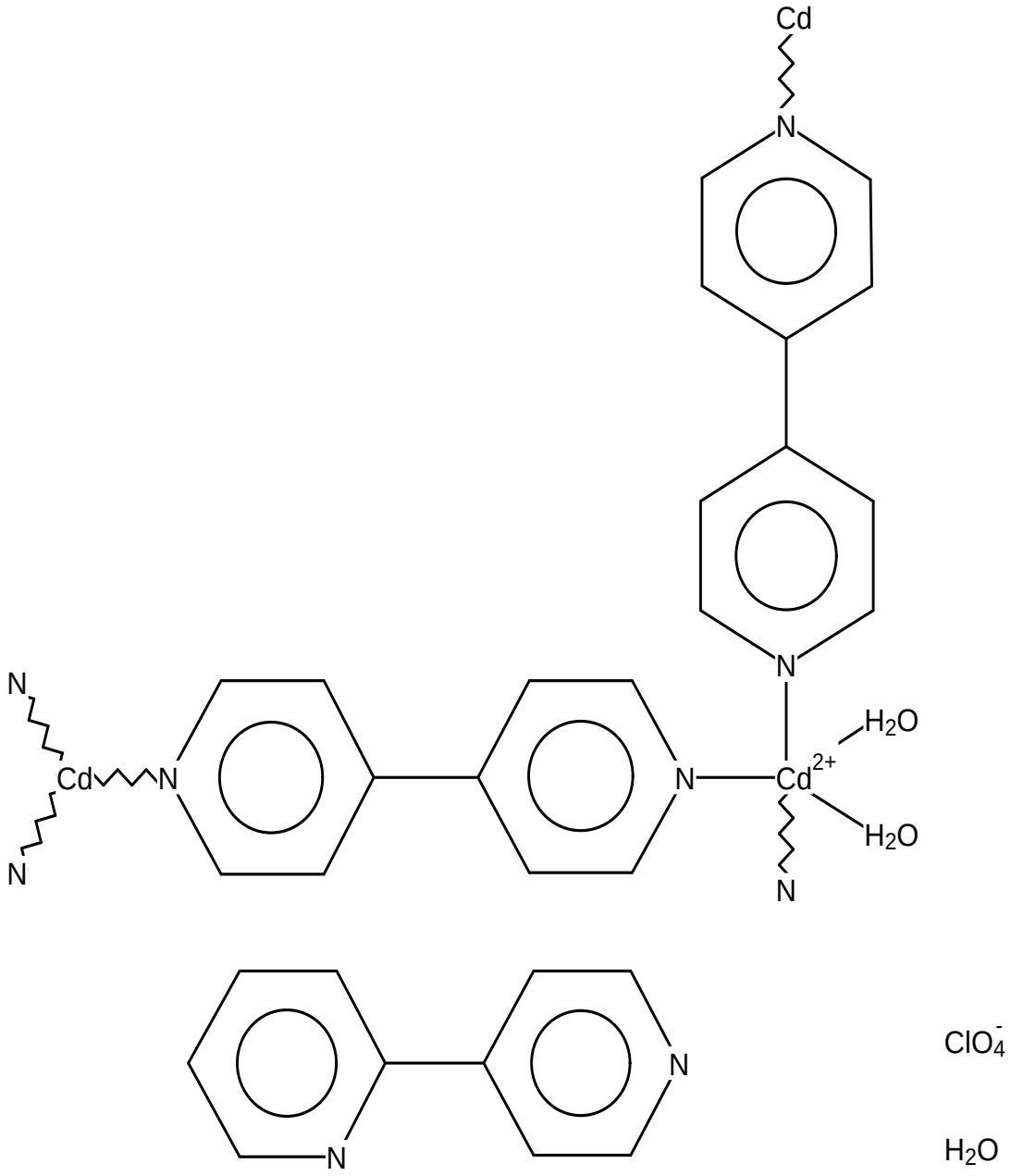
Reference: Ming-Liang Tong, Bao-Hui Ye, Ji-Wen Cai, Xiao-Ming Chen, Seik Weng Ng (1998) *Inorg.Chem.* ,**37,**2645

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(C_{10}\ H_8\ N_2),2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena(bis(μ_2-4,4'-Bipyridine)-diaqua-cadmium(ii) bis(2,4'-bipyridine) diperchlorate clathrate monohydrate)

Space Group:	P2/n	***Cell:***	***a***	13.231(3)	***b*** 11.669(2)	***c***	15.019(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 112.82(3)	γ	90.00

R-Factor (%): 4.48 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.538



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1696

NUFYES

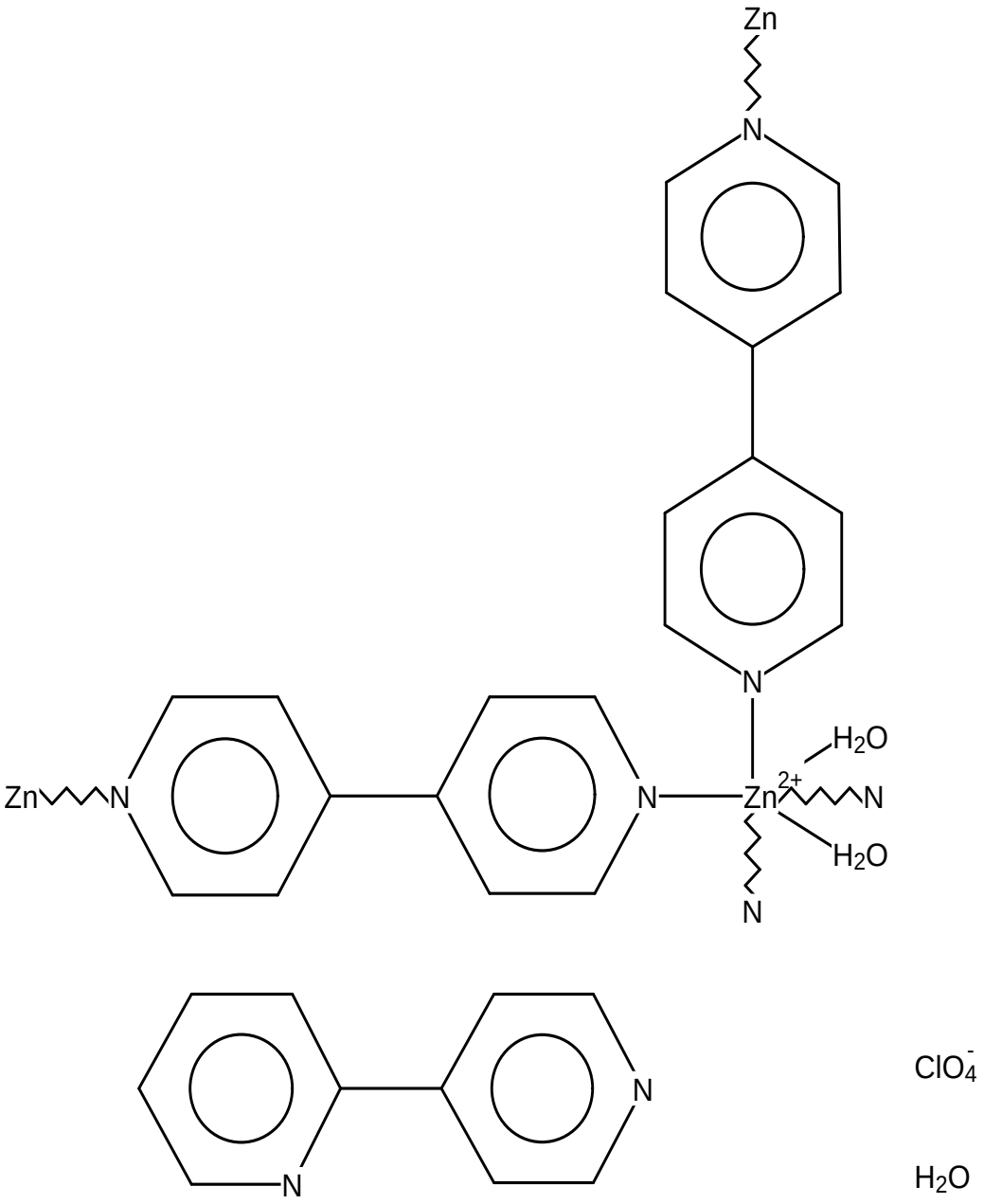
Reference: Ming-Liang Tong, Bao-Hui Ye, Ji-Wen Cai, Xiao-Ming Chen, Seik Weng Ng (1998) *Inorg.Chem.* ,**37,**2645

Formula: $(C_{20}\ H_{20}\ N_4\ O_2\ Zn_1\ ^{2+})n,2n(C_{10}\ H_8\ N_2),2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena(bis(μ_2-4,4'-Bipyridine)-diaqua-zinc(ii) bis(2,4'-bipyridine) diperchlorate clathrate monohydrate)

Space Group:	P2/n	***Cell:***	***a***	13.150(3)	***b*** 11.368(2)	***c***	14.745(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 110.60(3)	γ	90.00

R-Factor (%): 5.76 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.518



Search: search1 (Thu May 26 10:05:42 2011): Hit 1697

NUFYIW

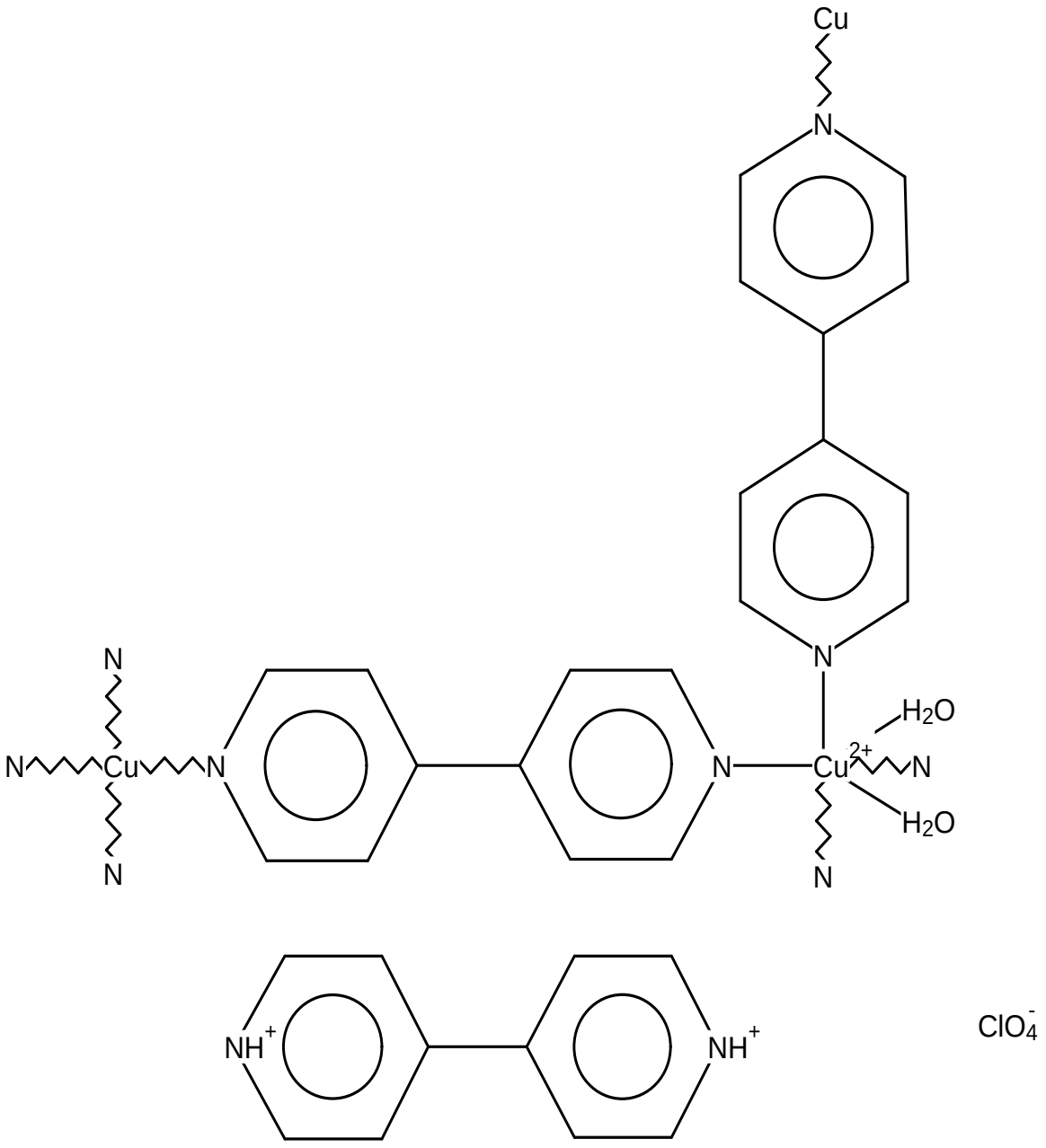
Reference: Ming-Liang Tong, Bao-Hui Ye, Ji-Wen Cai, Xiao-Ming Chen, Seik Weng Ng (1998) *Inorg.Chem.* ,**37,**2645

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),4n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena(bis(μ_2-4,4'-Bipyridine)-diaqua-copper(ii) bis(4,4'-bipyridinium) tetraperchlorate clathrate)

Space Group:	Ibam	***Cell:***	***a*** 11.128(0)	***b*** 15.593(0)	***c*** 22.318(1)
Space Group No.:	72	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 5.46 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.660



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1698

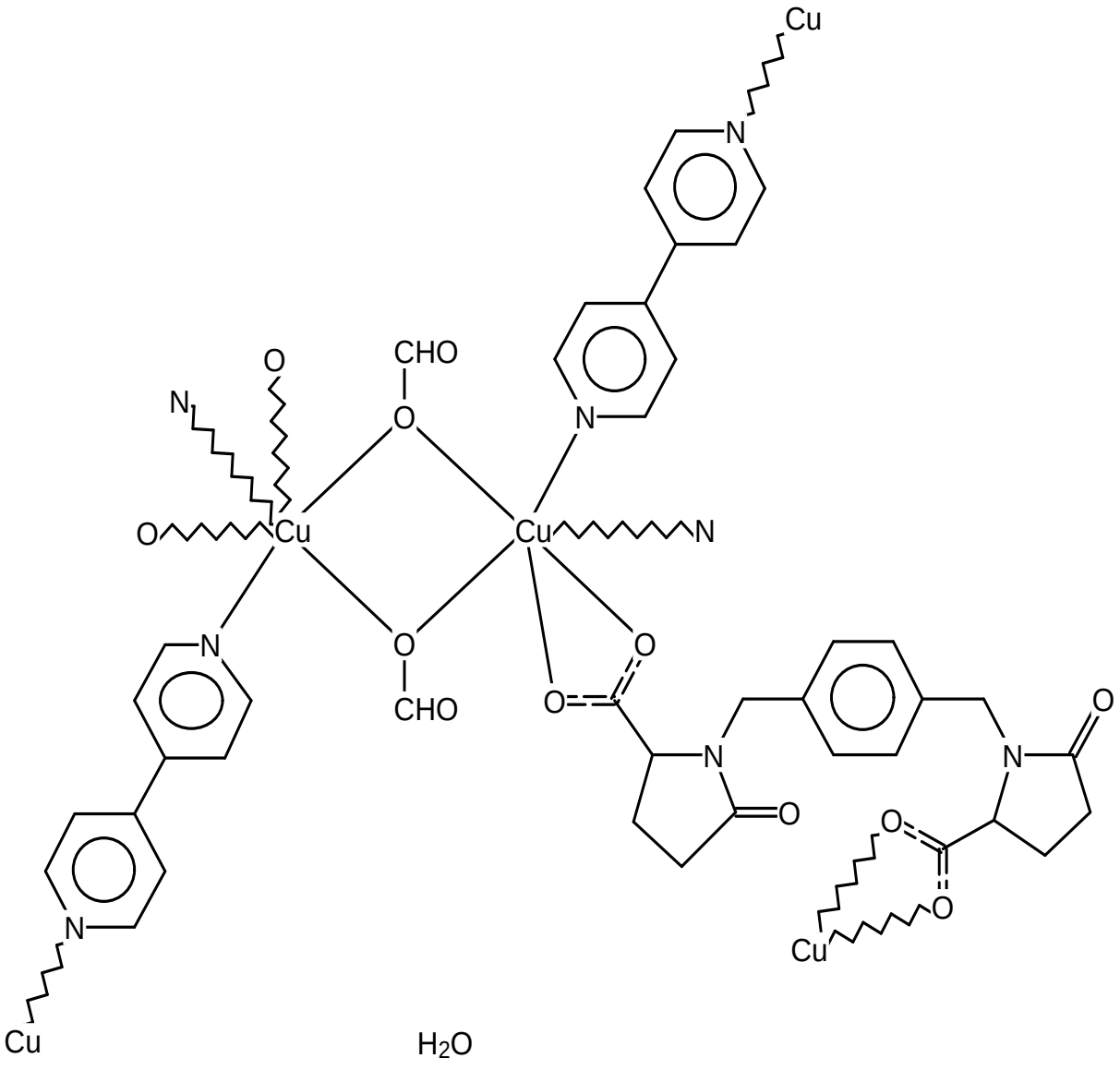
NUFYUJ

Reference: J.-N.Rebilly, J.Bacsa, M.J.Rosseinsky (2009)
Chem.Asian J. ,**4,**892

Formula: $(C_{40}\ H_{36}\ Cu_2\ N_6\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-((1,1'-(1,4-Phenylenebis(methylene))bis(5-oxopyrrolidine-2-carboxylato))-bis((μ_2-4,4'-bipyridine)-(μ_2-formato))-di-copper tetrahydrate)

Space Group:	P21	***Cell:***	***a***	9.992(6)	***b*** 22.530(14)	***c***	10.094(6)
Space Group No.:	4	***(Å,°)***	α	90.00	β 113.16(0)	γ	90.00
R-Factor (%):	7.73	***Temperature(K):***	100		***Density(g/cm^3):***		1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1699

NUGHIH

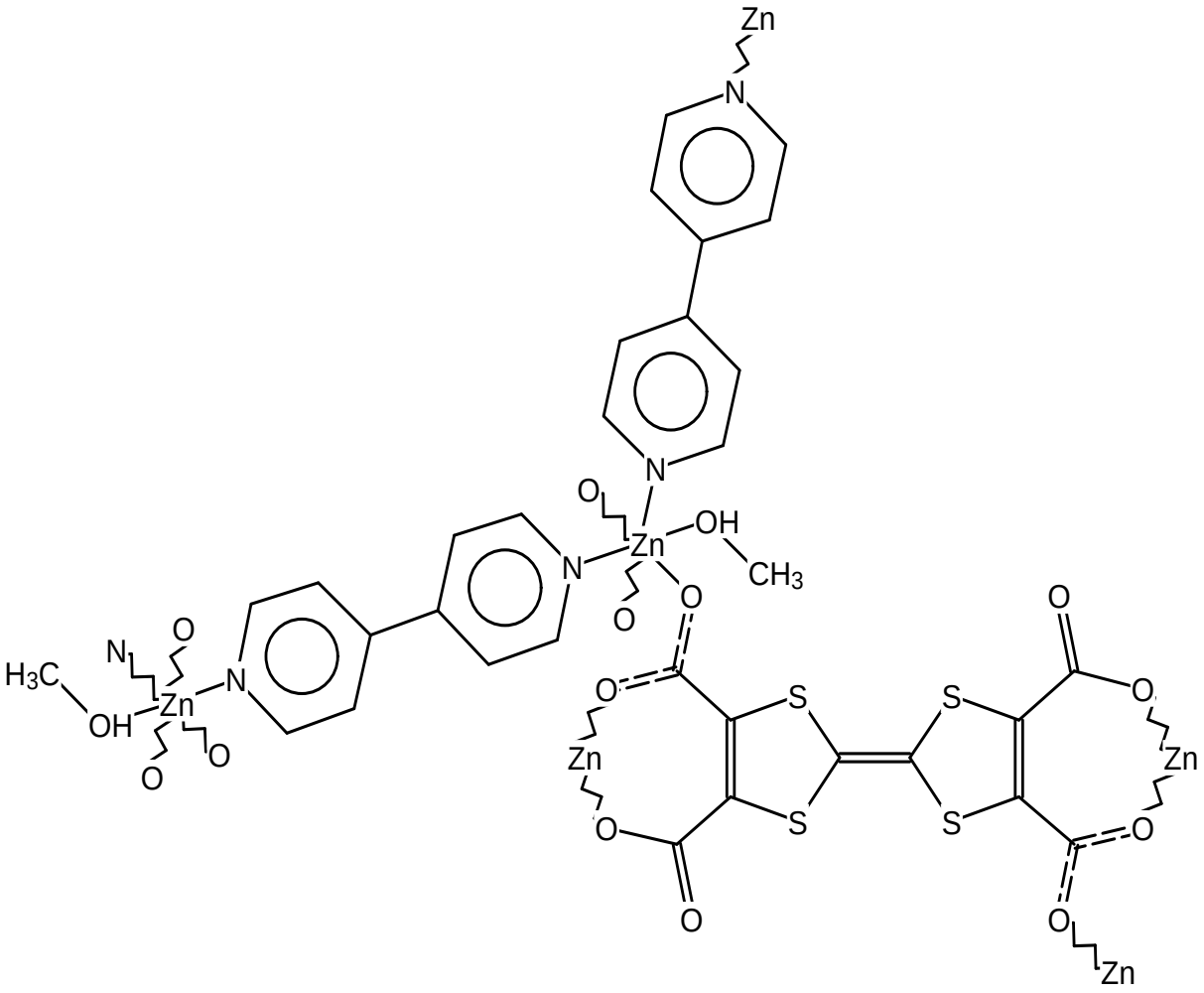
Reference: Yin-Feng Han, Xiao-Yan Li, Ji-Kun Li, Ze-Bao Zheng, Ren-Tao Wu, Jing-Rong Lu (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**1290

Formula: $(C_{32}\ H_{24}\ N_4\ O_{10}\ S_4\ Zn_2)n$

Compound Name: catena-((μ_4-Tetrathiafulvalene-4,4',5,5'-tetracarboxylato)-bis(μ_2-4,4'-bipyridine-N,N')-dimethanol-di-zinc)

Space Group:	C2/c	***Cell:***	***a***	22.757(16)	***b*** 10.559(7)	***c***	15.121(11)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.65(1)	γ	90.00

R-Factor (%): 3.16 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.705



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1700

NUGKAC

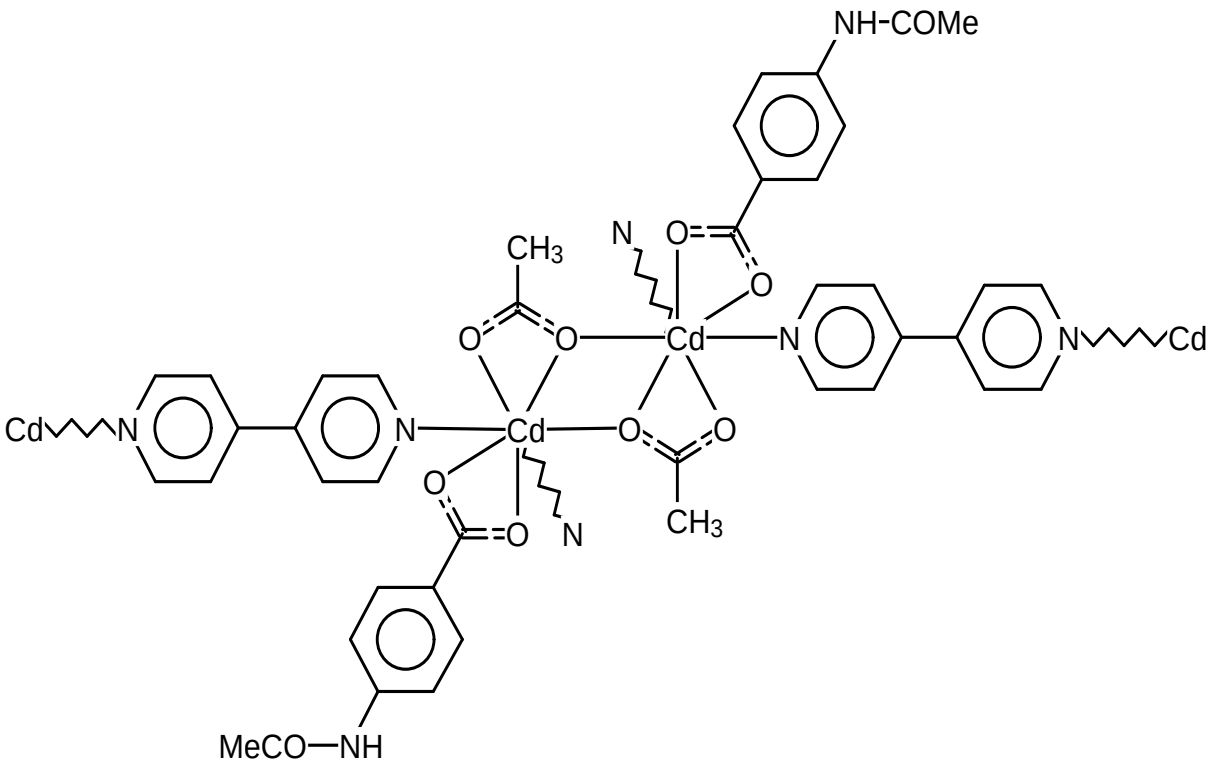
Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Zheng-Ji Yi
(2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**1304

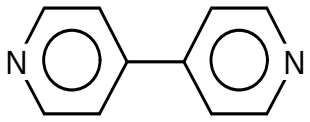
Formula: $(C_{42}\ H_{38}\ Cd_2\ N_6\ O_{10})n,n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-bis(μ_2-4,4'-bipyridine-N,N')-bis(4-(acetylamino)benzoato-O,O')-di-cadmium(ii) 4,4'-bipyridine tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	27.389(3)	***b*** 11.725(1)	***c***	17.606(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.64(0)	γ	90.00

R-Factor (%):	2.86	***Temperature(K):***	291	***Density(g/cm^3):***	1.493





H_2O

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1701

NUHBOI

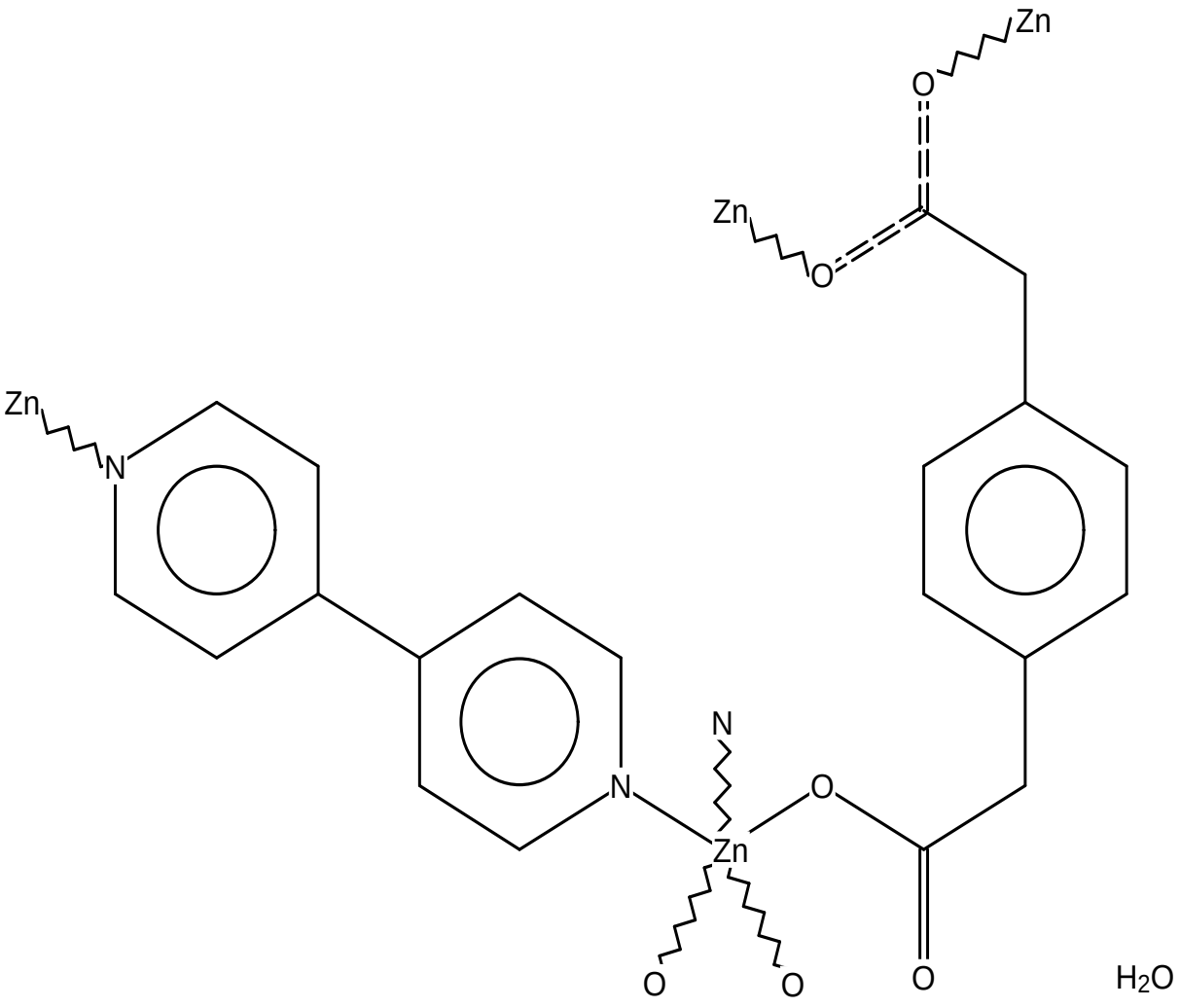
Reference: Tianfu Liu, Jian Lu, Linxi Shi, Zhengang Guo, Rong Cao (2009) *CrystEngComm* ,**11,**583

Formula: $(C_{20}\ H_{16}\ N_2\ O_4\ Zn_1)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_3-Phenylene-1,4-diacetato)-(μ_2-4,4'-bipyridyl)-zinc monohydrate]

Space Group:	P-1	***Cell:***	***a***	9.700(4)	***b***	10.470(5)	***c*** 10.500(5)
Space Group No.:	2	***(Å,°)***	α	113.98(0)	β	96.83(0)	γ 105.56(0)

R-Factor (%): 7.03 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.582



Search: search1 (Thu May 26 10:05:42 2011): Hit 1702

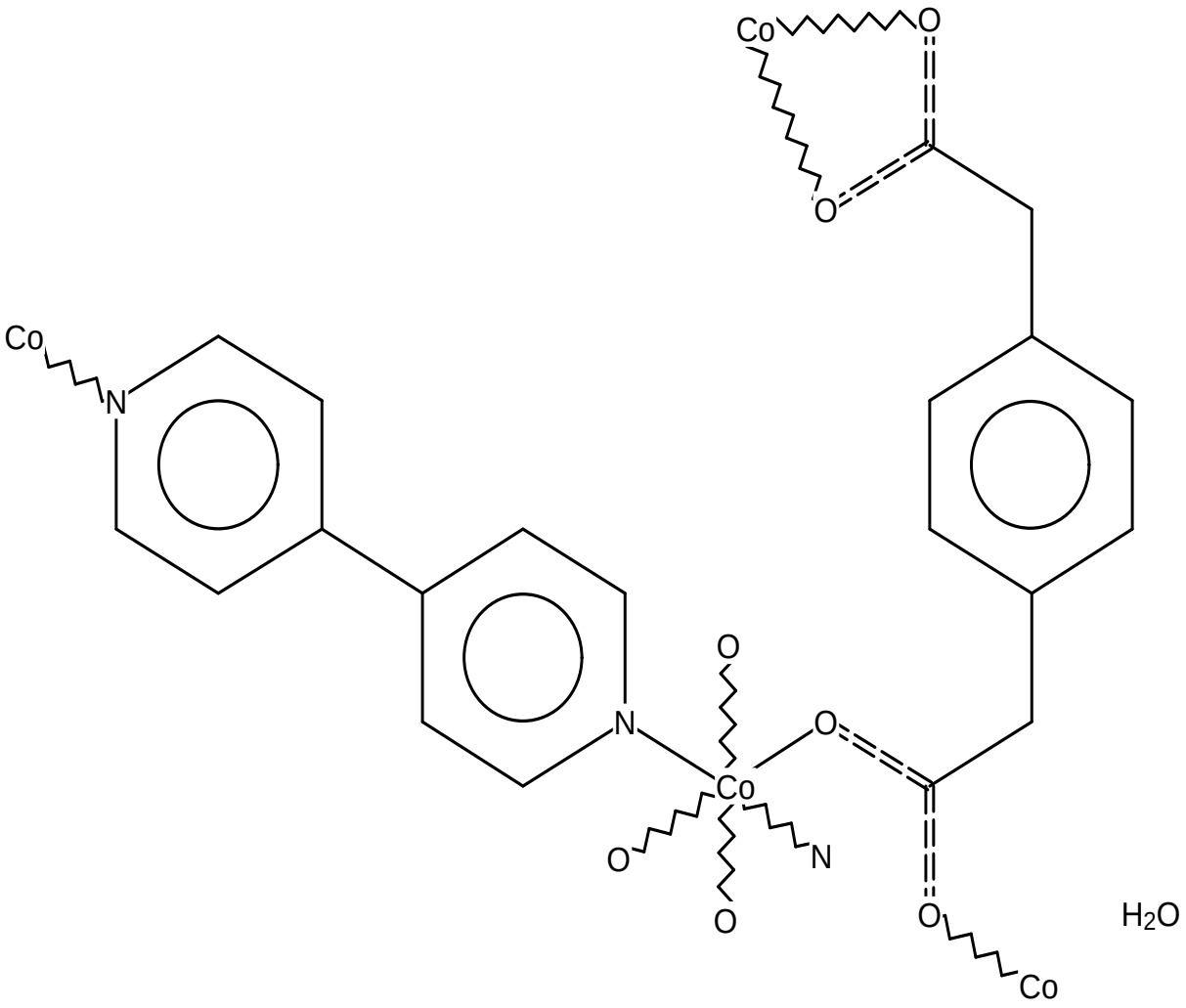
NUHBUO

Reference: Tianfu Liu, Jian Lu, Linxi Shi, Zhengang Guo, Rong Cao (2009) *CrystEngComm* ,**11,**583

Formula: $(C_{20}\ H_{16}\ Co_1\ N_2\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_3-Phenylene-1,4-diacetato)-(μ_2-4,4'-bipyridyl)-cobalt monohydrate]

Space Group:	P-1	***Cell:***	***a*** 9.814(3)	***b*** 10.545(3)	***c*** 10.595(3)
Space Group No.:	2	***(Å,°)***	α 112.51(0)	β 106.88(1)	γ 96.48(0)
R-Factor (%):	5.57	***Temperature(K):***	298	***Density(g/cm^3):***	1.506



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1703

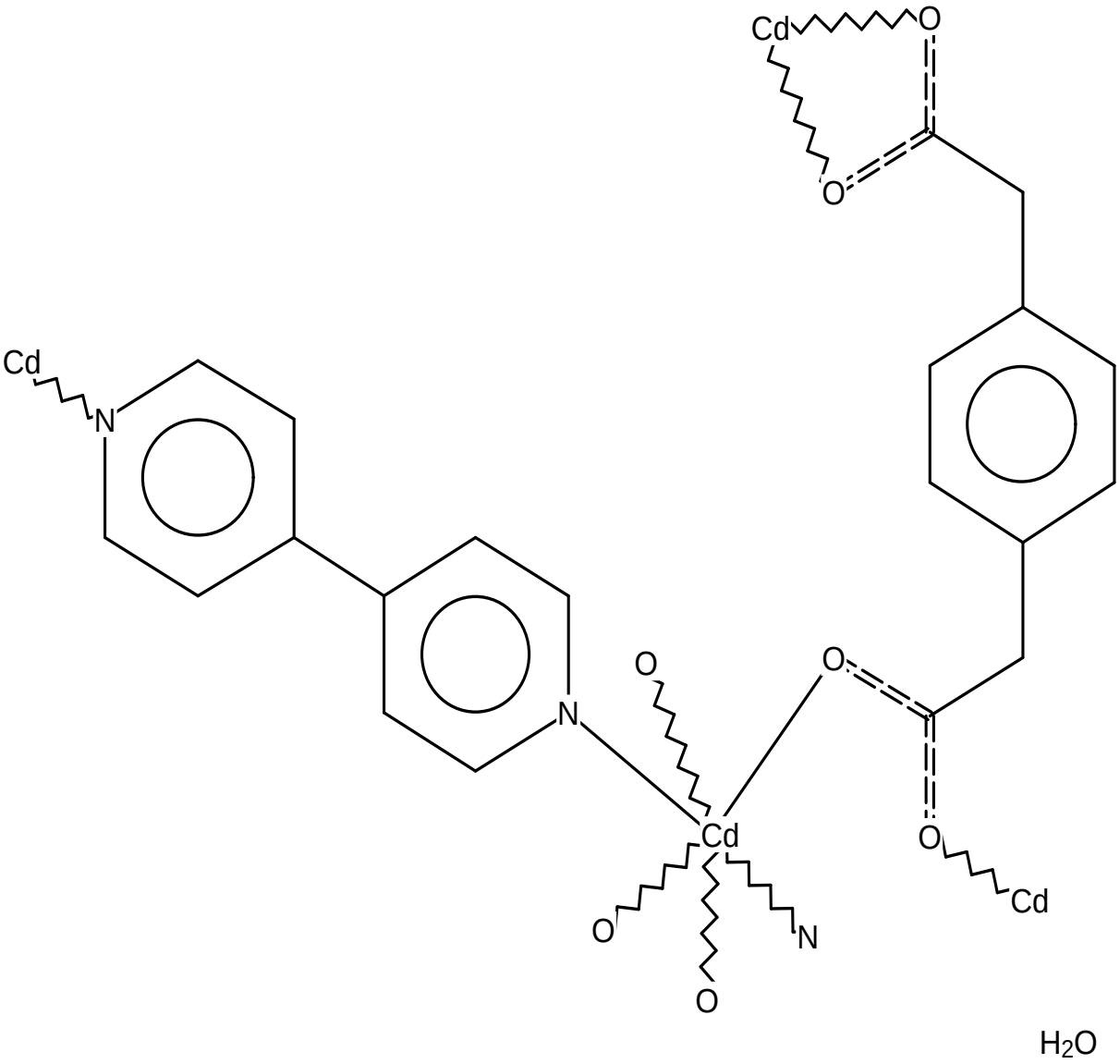
NUHCAV

Reference: Tianfu Liu, Jian Lu, Linxi Shi, Zhengang Guo, Rong Cao (2009) *CrystEngComm* ,**11,**583

Formula: $(C_{20}\ H_{16}\ Cd_1\ N_2\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_3-Phenylene-1,4-diacetato)-(μ_2-4,4'-bipyridyl)-cadmium monohydrate]

Space Group:	P-1	***Cell:***	***a*** 9.814(3)	***b*** 10.545(3)	***c*** 10.595(3)
Space Group No.:	2	***(Å,°)***	α 112.51(0)	β 106.88(1)	γ 96.48(0)
R-Factor (%):	6.03	***Temperature(K):***	298	***Density(g/cm^3):***	1.696



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1704

NUHYUL

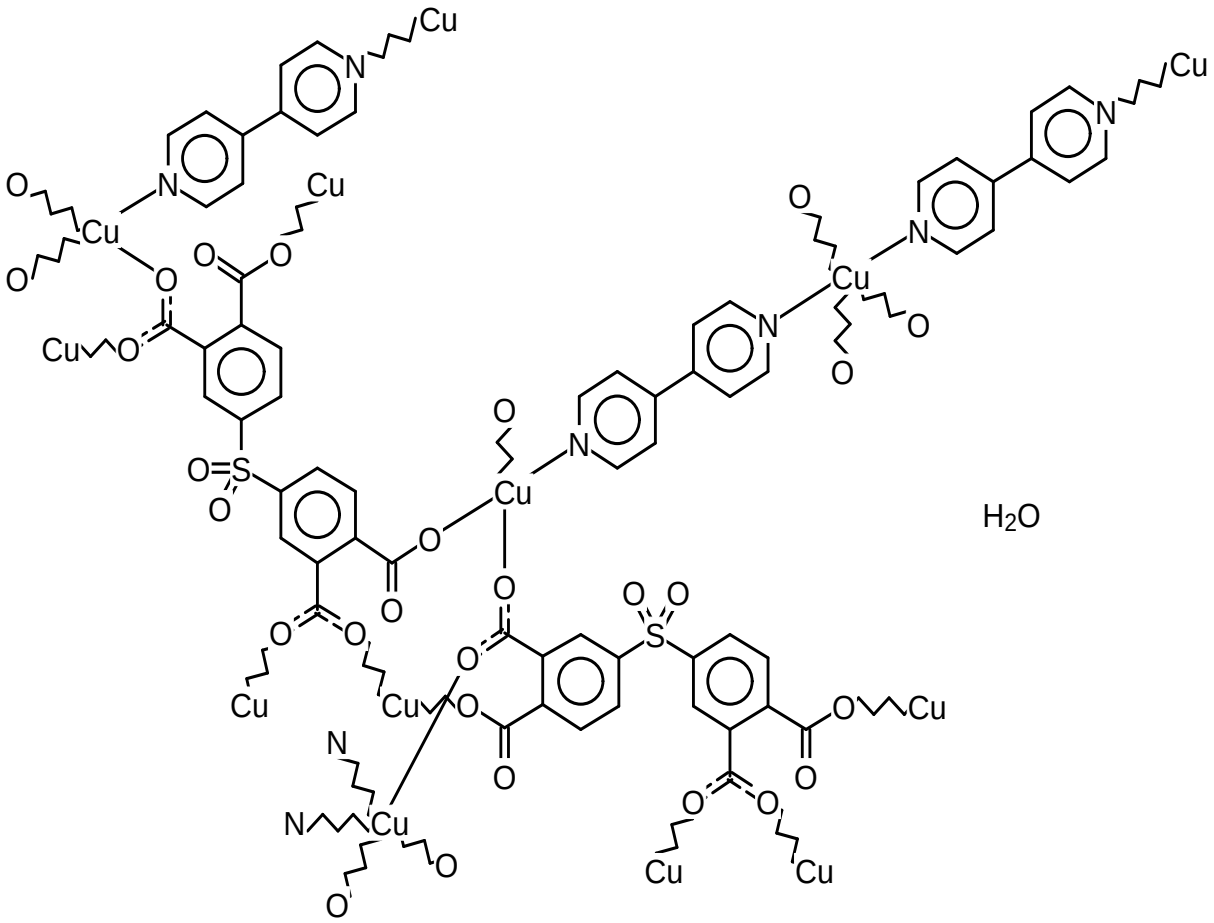
Reference: Guang-Xiang Liu, Rong-Yi Huang, Liang-Fang Huang, Xiao-Ming Ren (2009) *CrystEngComm* ,**11,**643

Formula: $(C_{62}\ H_{36}\ Cu_4\ N_6\ O_{20}\ S_2)n,5.4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_6-4,4'-Sulfonyldibenzene-1,2-dicarboxylato)-tris(μ_2-4,4'-bipyridine-N,N')-tetra-copper(ii) hydrate]

Space Group:	Fdd2	***Cell:***	***a***	19.184(1)	***b***	43.462(4)	***c***	15.448(1)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.60 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.651


Cu
N
O
Cu
O
O
O
O
O
Cu
O
O
O
O
S
O
O
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1705

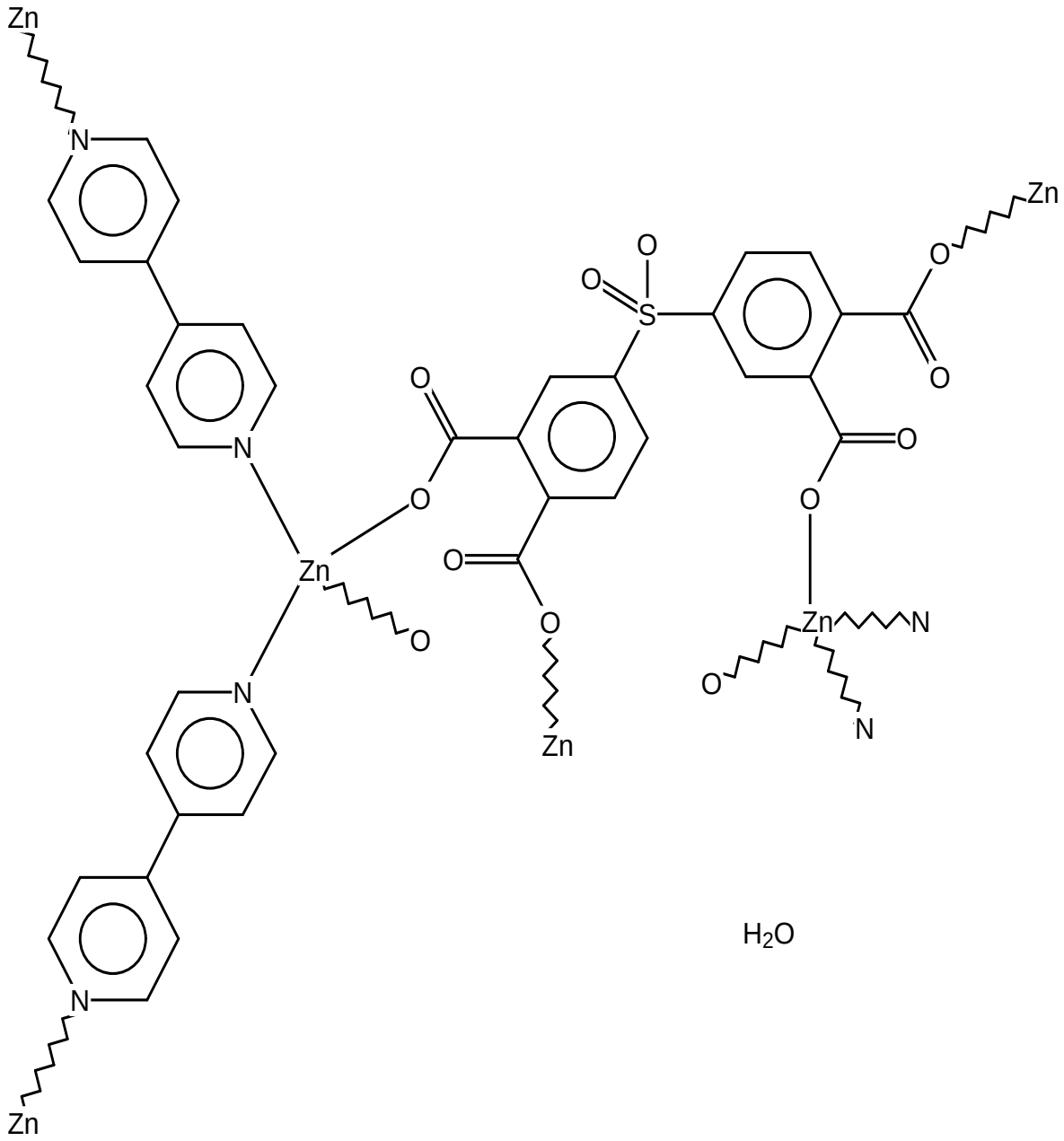
NUHZAS

Reference: Guang-Xiang Liu, Rong-Yi Huang, Liang-Fang Huang, Xiao-Ming Ren (2009) *CrystEngComm* ,**11,**643

Formula: $(C_{36}\ H_{22}\ N_4\ O_{10}\ S_1\ Zn_2)n,8n(H_2\ O_1)$

Compound Name: catena-[(μ_4-4,4'-Sulfonyldibenzene-1,2-dicarboxylato)-bis(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii) octahydrate]

Space Group:	C2/c	***Cell:***	***a***	19.619(1)	***b***	15.512(1)	***c***	13.286(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.34(0)	γ	90.00
R-Factor (%):	7.74	***Temperature(K):***	296		***Density(g/cm^3):***	1.610		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1706

NUKHEH

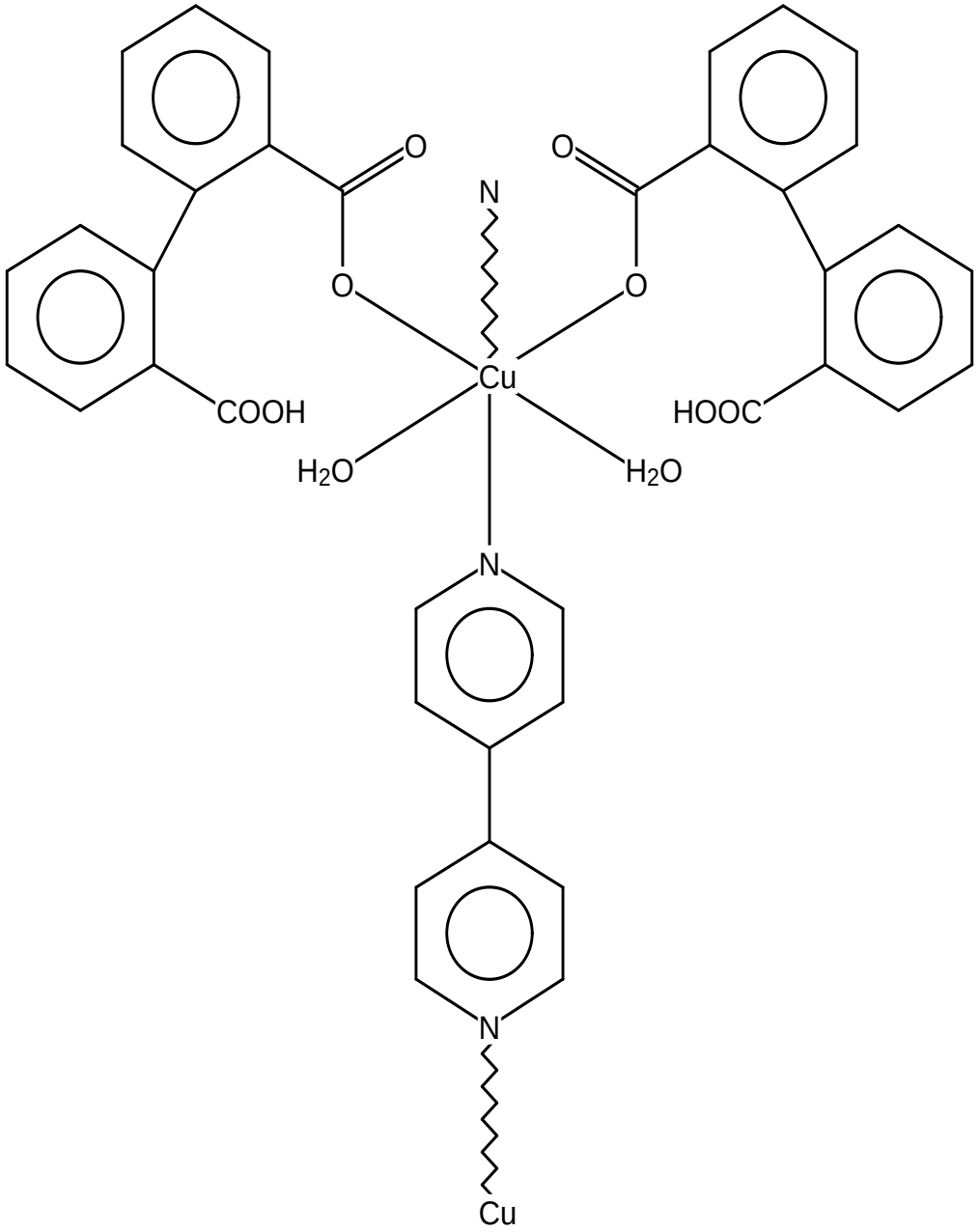
Reference: Qian Shi, Yunti Sun, Lizi Sheng, Kefang Ma, Xiaoqing Cai, Dongsheng Liu (2009) *Inorg.Chim.Acta* ,**362,**4167

Formula: $(C_{38}\ H_{30}\ Cu_1\ N_2\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(biphenyl-2,2'-dicarboxylato-O)-di-aqua-copper(ii))

Space Group:	P2/c	***Cell:***	***a***	13.582(1)	***b*** 11.039(1)	***c***	11.908(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 112.07(0)	γ	90.00

R-Factor (%): 6.21 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1707

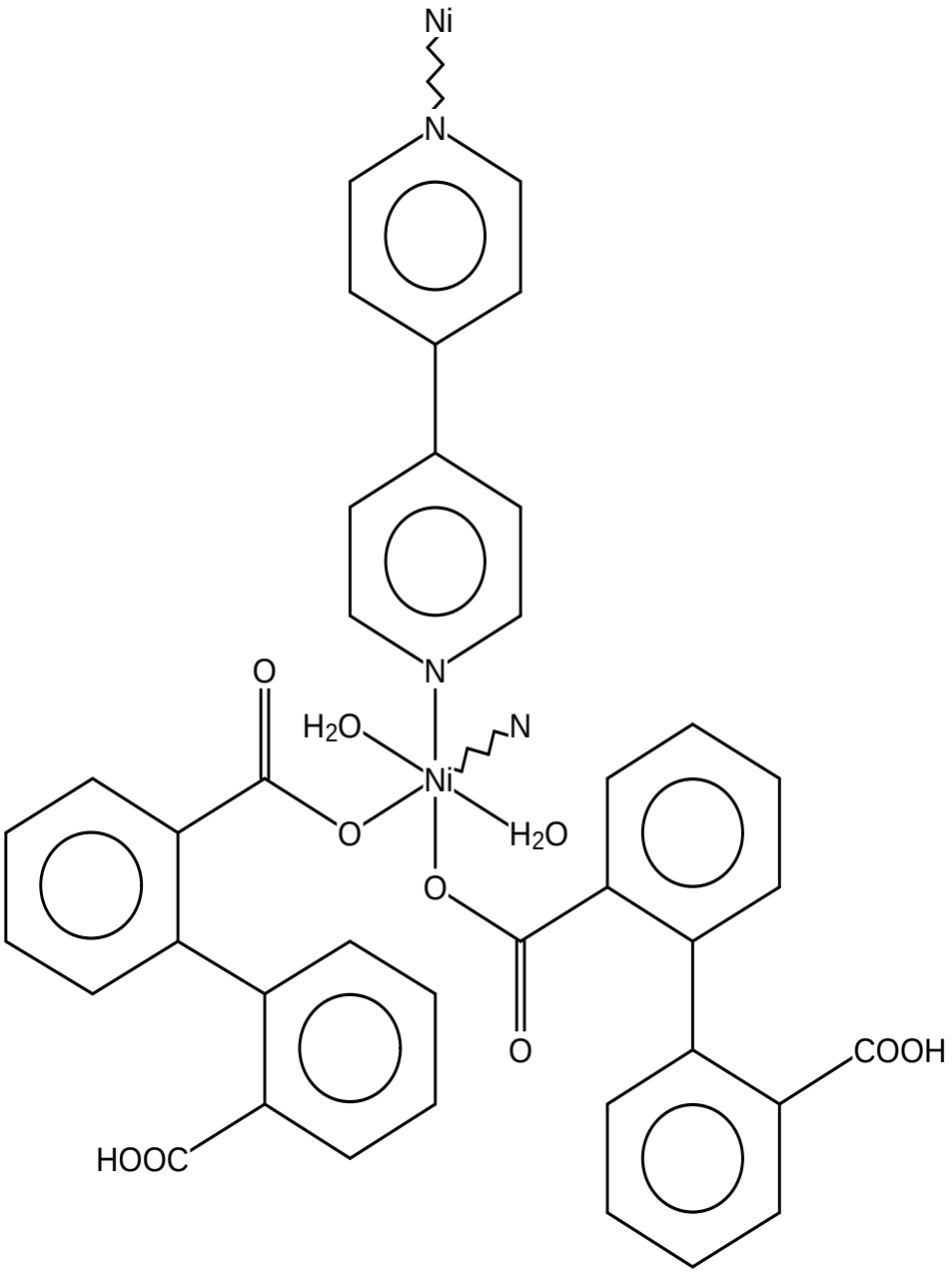
NUKHOR

Reference: Qian Shi, Yunti Sun, Lizi Sheng, Kefang Ma, Xiaoqing Cai, Dongsheng Liu (2009) *Inorg.Chim.Acta* ,**362,**4167

Formula: $(C_{38}\ H_{30}\ N_2\ Ni_1\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(biphenyl-2,2'-dicarboxylato-O)-diaqua-di-nickel(ii))

Space Group:	P2/c	***Cell:***	***a***	13.573(1)	***b*** 11.043(1)	***c***	11.909(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 112.06(0)	γ	90.00
R-Factor (%):	5.18	***Temperature(K):***	298		***Density(g/cm^3):***		1.472



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1708

NULDAA

Reference: Fangna Dai, Haiyan He, Dongliang Gao, Fei Ye, Daofeng Sun, Zhijian Pang, Lei Zhang, Guilin Dong, Changqiao Zhang (2009) *Inorg.Chim.Acta* ,**362,**3987

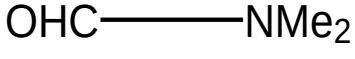
Formula: $(C_{72}\ H_{40}\ I_{12}\ N_{12}\ O_{16}\ Zn_4)n,4n(C_3\ H_7\ N_1\ O_1),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Amino-2,4,6-triiodoisophthalato-O,O',O'')-bis(μ_2-5-amino-2,4,6-triiodoisophthalato-O,O',O'')-bis(μ_2-4,4'-bipyridine-N,N')-bis(4,4'-bipyridine-N)-tetra-zinc N,N-dimethylformamide solvate hexahydrate)

Space Group:	P-1	***Cell:***	***a*** 8.553(0)	***b*** 18.203(1)	***c*** 19.583(3)
Space Group No.:	2	***(Å,°)***	α 114.00(0)	β 95.21(0)	γ 99.15(0)

R-Factor (%): 5.51 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.154

n-$Zn_4[\mu_3\text{-}C_8H_2I_3NO_4\text{-}\kappa^3O,O',O'']_2$--
--$[\mu_2\text{-}C_8H_2I_3NO_4\text{-}\kappa^3O,O',O'']_2$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_2[C_{10}H_8N_2]_2$



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1709

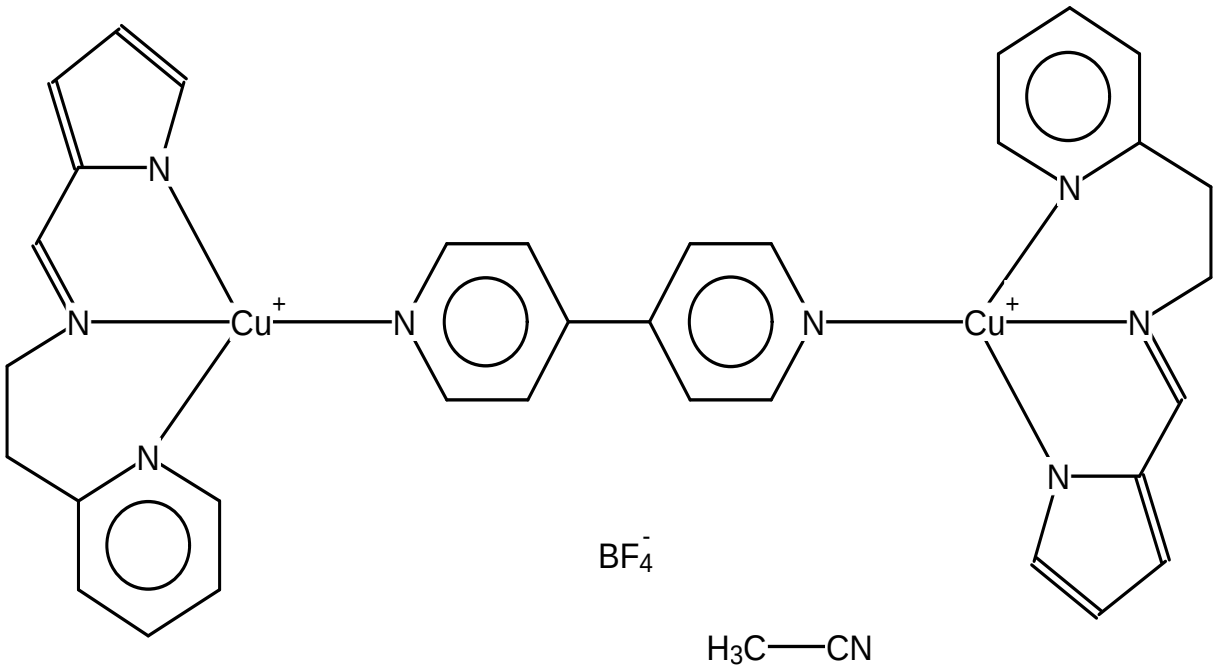
NULFOQ

Reference: Rongqing Li, Pusu Zhao, Yulan Zhu, Weiguang Zhang, Hongyan Wang (2009) *Inorg.Chim.Acta* ,**362,**4081

Formula: $C_{34}\ H_{32}\ Cu_2\ N_8\ ^{2+}$,2($B_1\ F_4\ ^{1-}$),1.5($C_2\ H_3\ N_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(2-((2-(2-pyridyl)ethyl)iminomethyl)pyrrolato-N,N',N'')-di-copper(ii) bis(tetrafluoroborate) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a***	13.097(1)	***b***	13.622(3)	***c*** 14.190(1)
Space Group No.:	2	***(Å,°)***	α	118.23(1)	β	96.41(2)	γ 106.44(3)
R-Factor (%):	5.57	***Temperature(K):***	173		***Density(g/cm^3):***		1.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1710

NULPOA

Reference: A.Kondo, A.Chinen, H.Kajiro, T.Nakagawa, K.Kato, M.Takata, Y.Hattori, F.Okino, T.Ohba, K.Kaneko, H.Kanoh (2009) *Chem.-Eur.J. ,***15,**7549

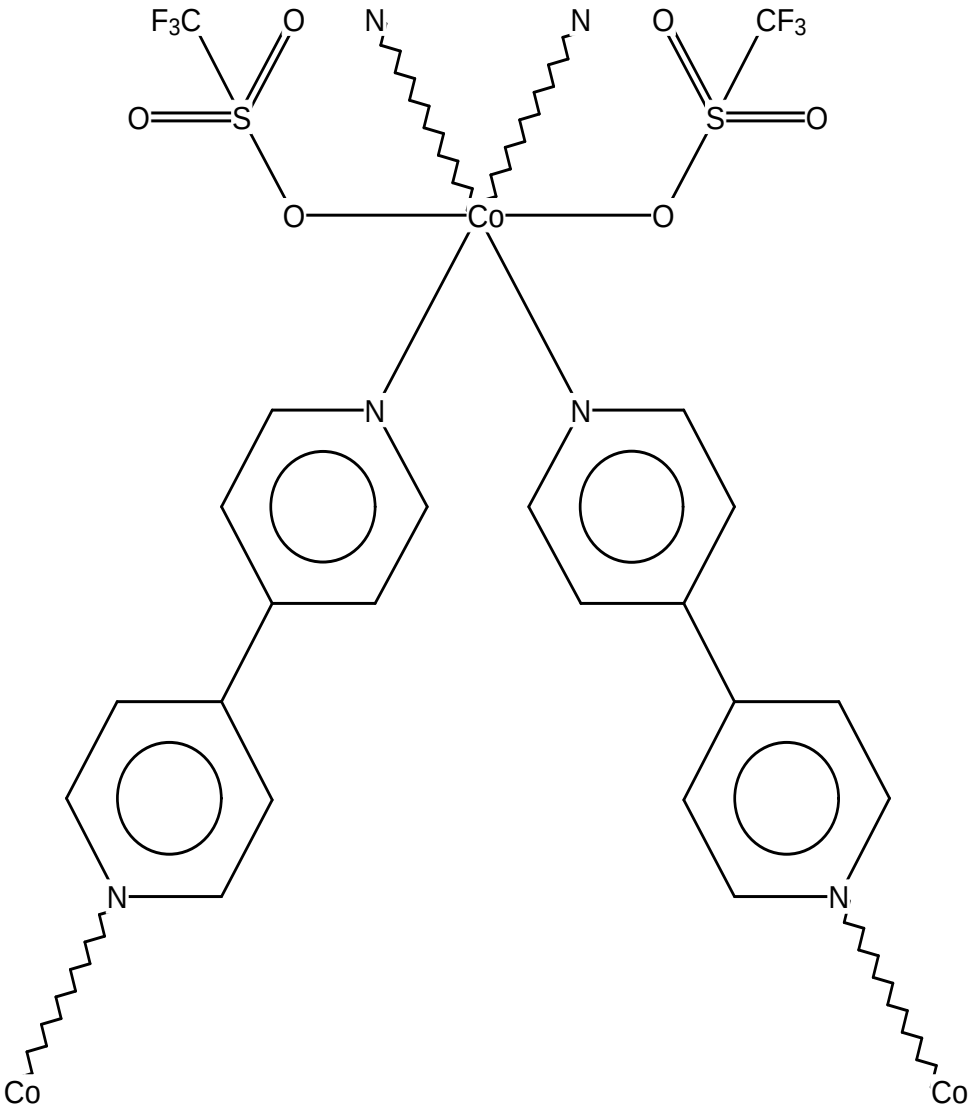
Formula: $(C_{22}\ H_{16}\ Co_1\ F_6\ N_4\ O_6\ S_2)n,3.25n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(trifluoromethanesulfonato)-cobalt hydrate)

Synonym: ELM-22 (Co)

Space Group:	C2/c	***Cell:***	***a***	25.992(1)	***b*** 15.463(1)	***c***	16.662(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.37(0)	γ	90.00

R-Factor (%): 5.10 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.551



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1711

NULSUJ

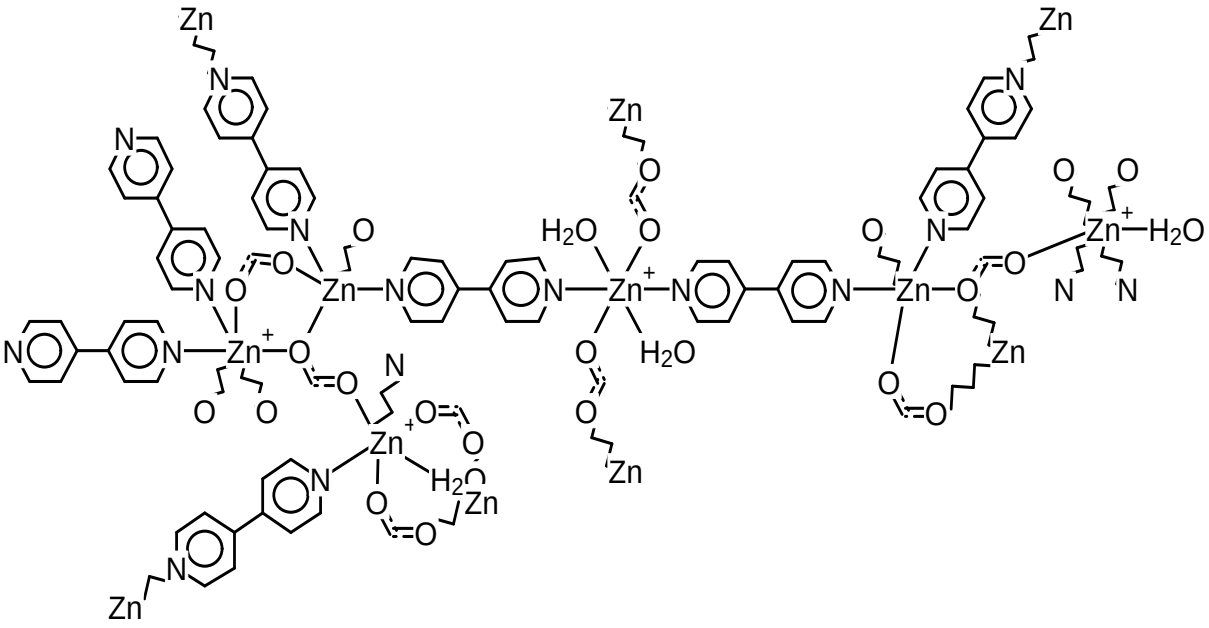
Reference: P.Phuengphai, S.Youngme, P.Kongsaeree, C.Pakawatchai, N.Chaichit, S.J.Teat, P.Gamez, J.Reedijk (2009) *CrystEngComm* ,**11,**1723

Formula: $(C_{78}\ H_{72}\ N_{14}\ O_{20}\ Zn_6\ ^{4+})n,4n(Cl_1\ O_4\ ^{1-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_3$-Formato-O,O,O')-hexakis(μ$_2$-formato-O,O')-pentakis(μ$_2$-4,4'-bipyridine-N,N')-tetra-aqua-bis(4,4'-bipyridine-N)-hexa-zinc(ii) tetraperchlorate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	26.880(1)	***b*** 19.142(0)	***c***	21.204(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 122.08(0)	γ	90.00

R-Factor (%): 4.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.716


Zn
N
O
H2O
Cl
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1712

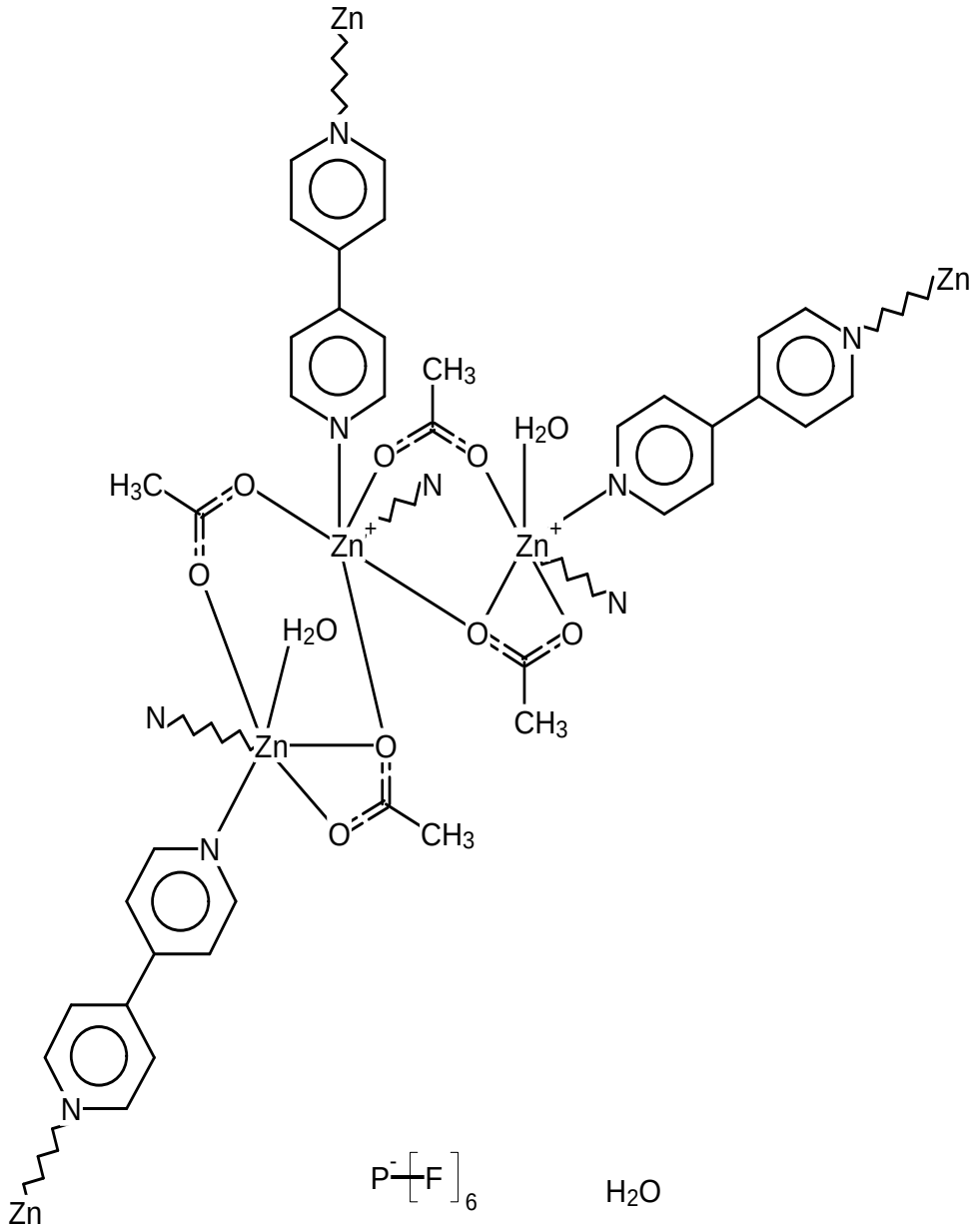
NULTAQ

Reference: P.Phuengphai, S.Youngme, P.Kongsaeree, C.Pakawatchai, N.Chaichit, S.J.Teat, P.Gamez, J.Reedijk (2009) *CrystEngComm* ,**11,**1723

Formula: $(C_{38}\ H_{40}\ N_6\ O_{10}\ Zn_3\ ^{2+})n,2n(F_6\ P_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-bis(μ_2-acetato-O,O')-tris(μ_2-4,4'-bipyridine-N,N')-diaqua-tri-zinc bis(hexafluorophosphate) dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.695(0)	***b***	11.483(0)	***c***	11.764(0)
Space Group No.:	2	***(Å,°)***	α	101.56(0)	β	116.76(0)	γ	95.57(0)
R-Factor (%):	6.48	***Temperature(K):***	293	***Density(g/cm3):***	1.699			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1713

NULTEU

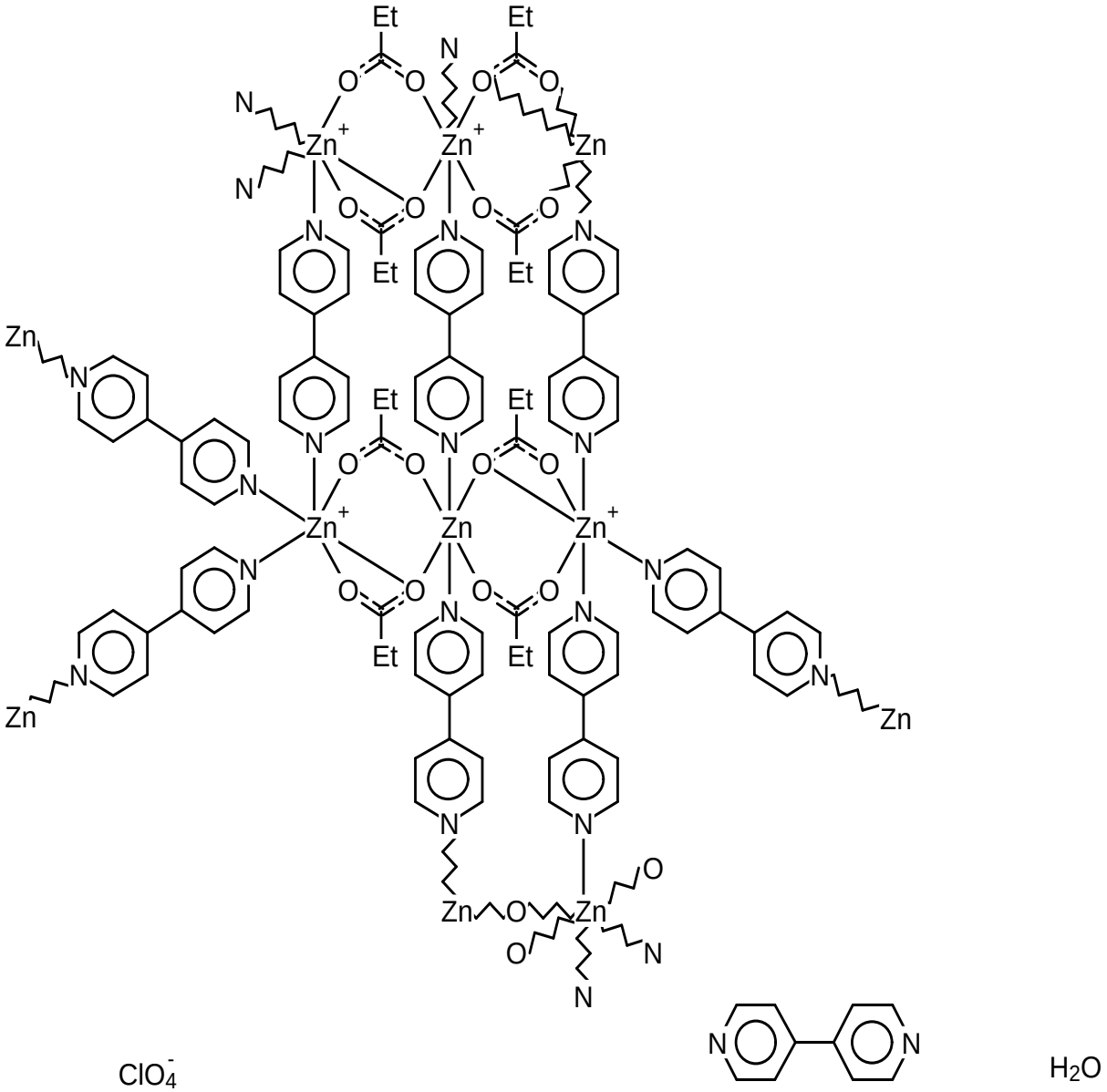
Reference: P.Phuengphai, S.Youngme, P.Kongsaeree, C.Pakawatchai, N.Chaichit, S.J.Teat, P.Gamez, J.Reedijk (2009) *CrystEngComm* ,**11,**1723

Formula: $(C_{104}\ H_{104}\ N_{16}\ O_{16}\ Zn_6\ ^{4+})n,4n(Cl_1\ O_4\ ^{1-}),4n(C_{10}\ H_8\ N_2),8n(H_2\ O_1)$

Compound Name: catena-(octakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-propionato-O,O,O')-tetrakis(μ_2-propionato-O,O')-hexa-zinc tetraperchlorate tetrakis(4,4'-bipyridine) octahydrate)

Space Group:	P21/c	***Cell:***	***a***	18.506(4)	***b***	18.838(4)	***c*** 25.568(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	119.90(3)	γ 90.00

R-Factor (%): 5.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.458


Et
N
O
Zn
Zn
Zn

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1714

NUMRUI

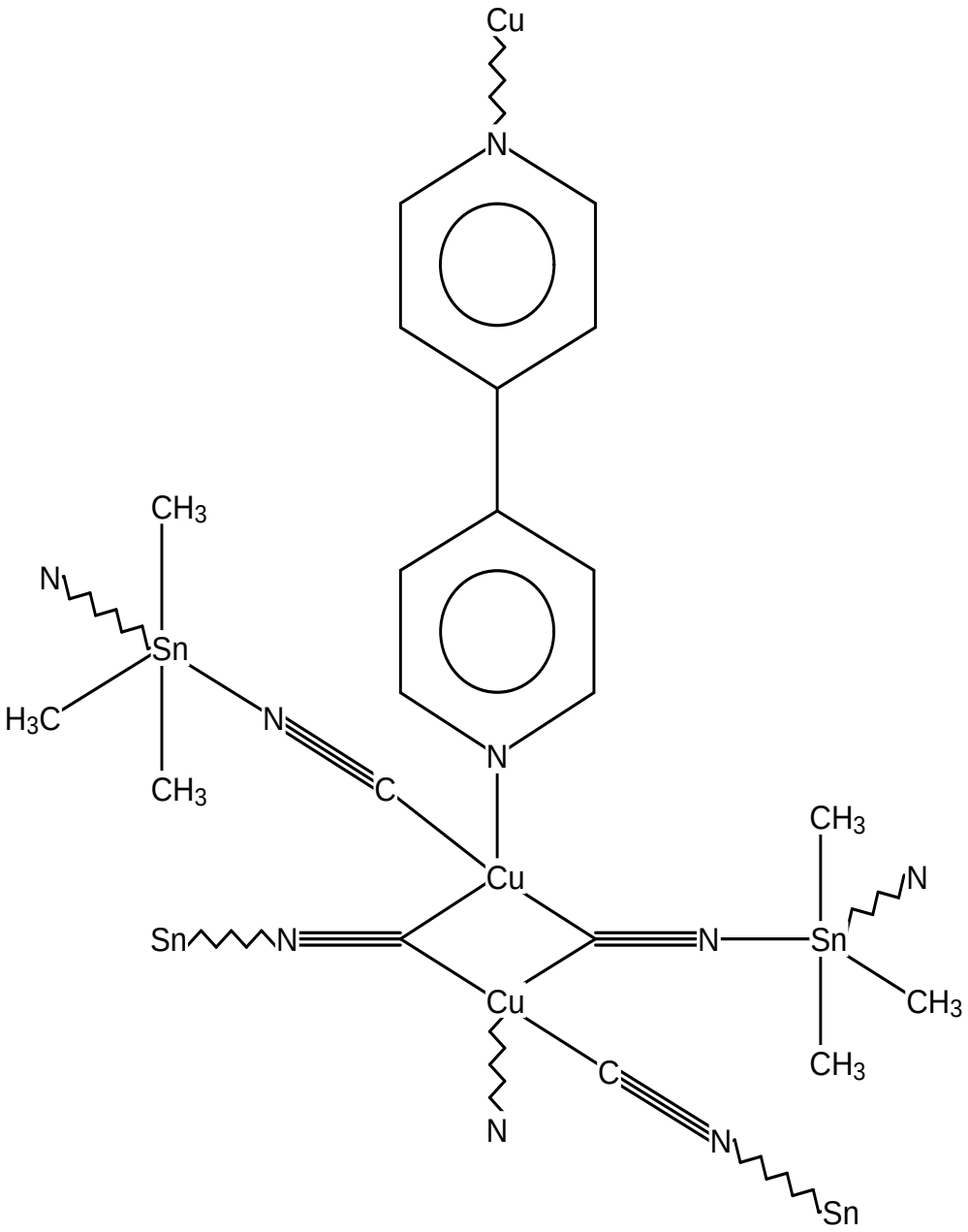
Reference: A.M.A.Ibrahim, E.Siebel, R.D.Fischer (1998) *Inorg.Chem.* , **37,**3521

Formula: $(C_{20}\ H_{26}\ Cu_2\ N_6\ Sn_2)n$

Compound Name: catena((μ3-Cyano)-(μ2-4,4'-bipyridine)-tris(μ2-cyano)-hexamethyl-di-copper(i)-di-tin(iv))

Space Group:	P21/c	***Cell:***	***a*** 10.035(4)	***b*** 11.980(3)	***c*** 12.425(5)
Space Group No.:	14	***(Å,°)***	α 90.00	β 110.94(3)	γ 90.00

R-Factor (%):	7.32	***Temperature(K):***	295	***Density(g/cm3):***	1.702



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1715

NUMYOK

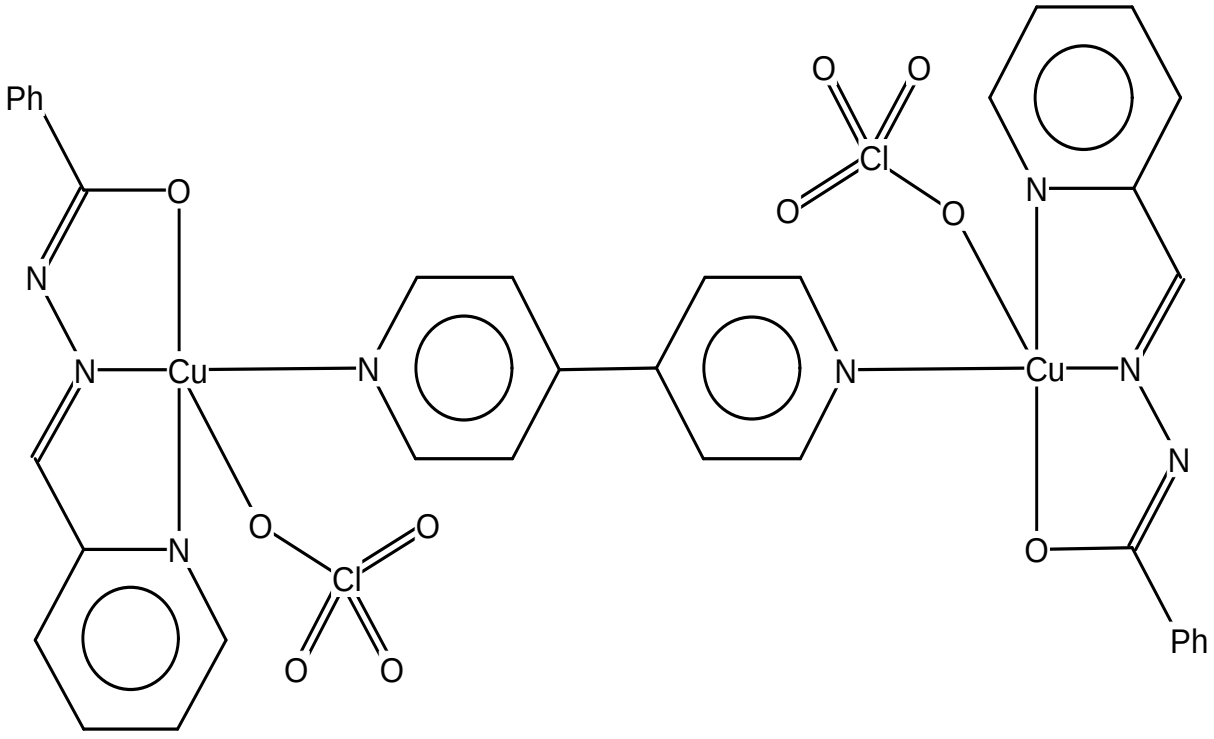
Reference: S.Banerjee, S.Mondal, S.Sen, S.Das, D.L.Hughes, C.Rizzoli, C.Desplanches, C.Mandal, S.Mitra (2009) *Dalton Trans.* , 6849

Formula: $C_{36}\ H_{28}\ Cl_2\ Cu_2\ N_8\ O_{10}$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(perchlorato-O)-bis(N-((E)-pyridin-2-ylmethylidene)benzenecarbohydrazonoato-N,N',O)-di-copper(ii)

Space Group:	P21/n	***Cell:***	***a***	12.368(1)	***b*** 12.896(1)	***c***	12.916(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 115.20(0)	γ	90.00

R-Factor (%): 6.72 ***Temperature(K):*** 140 ***Density(g/cm^3):*** 1.658



Search: search1 (Thu May 26 10:05:42 2011): Hit 1716

NUQCAD

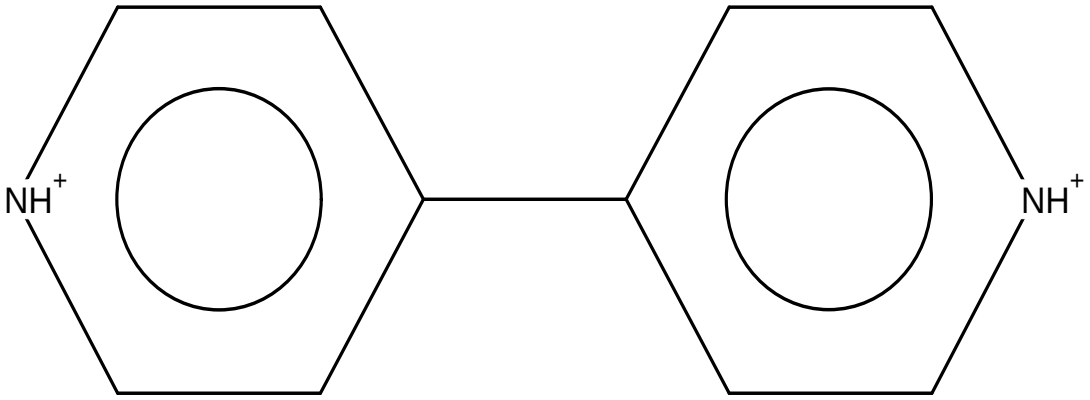
Reference: P.Nunez, C.Elias, J.Fuentes, X.Solans, A.Tressaud, M.Carmen Marco de Lucas, F.Rodriguez (1997) *J.Chem.Soc.,Dalton Trans.* ,4335

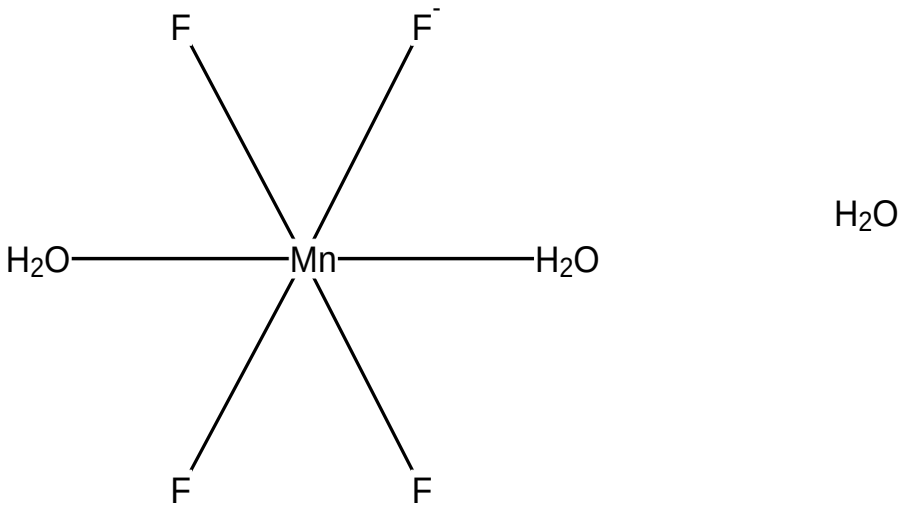
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+}$,2($H_4\ F_4\ Mn_1\ O_2\ ^{1-}$),2($H_2\ O_1$)

Compound Name: 4,4'-Bipyridinium bis(diaqua-tetrafluoro-manganese(iii)) dihydrate

Space Group:	P21	***Cell:***	***a***	5.164(2)	***b***	18.519(4)	***c*** 9.863(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β	99.07(2)	γ 90.00

R-Factor (%): 2.75 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.883





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1717

NUVBUB

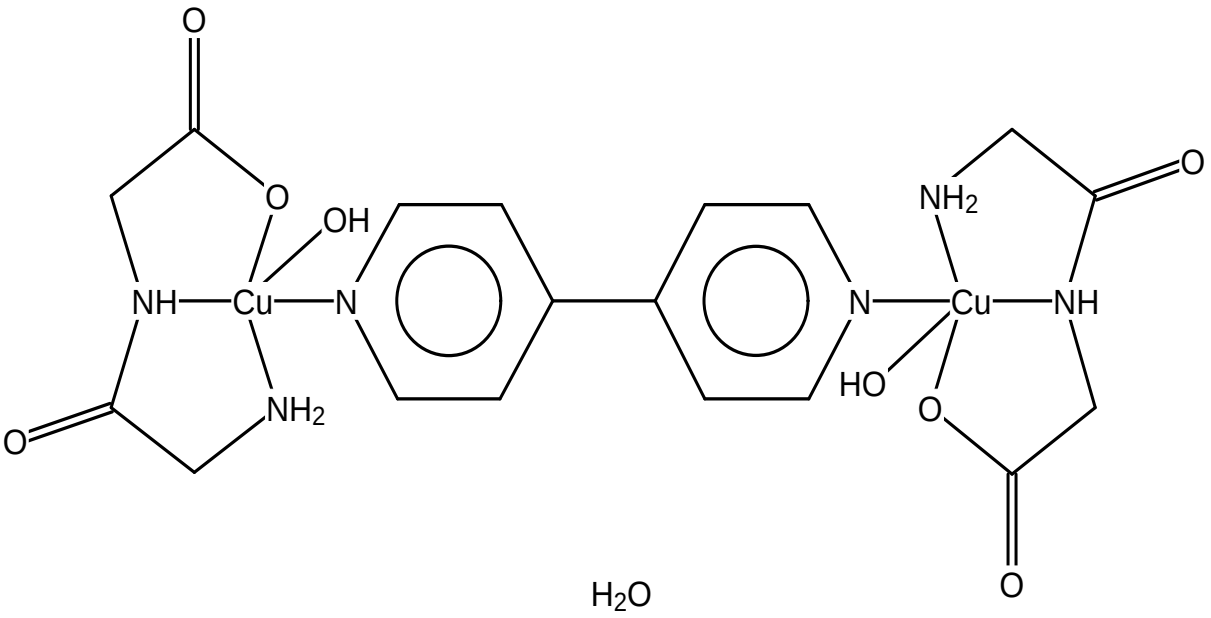
Reference: Feng-Shan Wang, Ai-Li Cui, Hai-Ming Chen, Ya-Juan Zhao (1994) *Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition))* , **15,**319

Formula: $C_{18}\ H_{24}\ Cu_2\ N_6\ O_8,9(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((glycylglycinato)-hydroxy-copper) nonahydrate

Space Group:	P-1	***Cell:***	***a*** 11.412	***b*** 12.298	***c*** 14.269
Space Group No.:	2	***(Å,°)***	α 113.82	β 101.91	γ 103.64

R-Factor (%): 5.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.471



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1718

OBIFIP

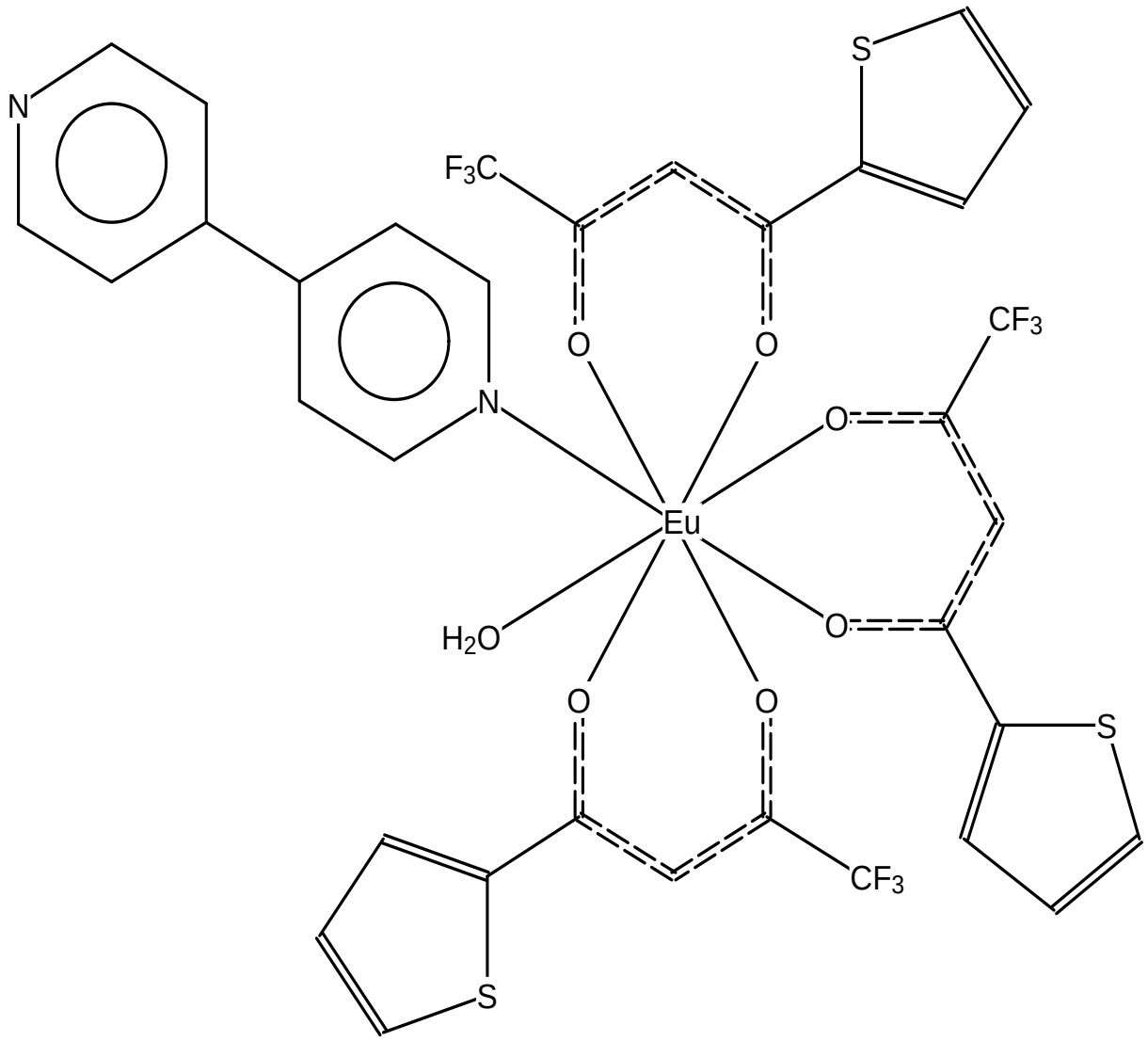
Reference: C.Seward, Suning Wang (2001) *Can.J.Chem.* ,**79,**1187

Formula: $C_{34}\ H_{22}\ Eu_1\ F_9\ N_2\ O_7\ S_3$

Compound Name: Aqua-(4,4'-bipyridine-N)-tris((2-thienyl)trifluoroacetylacetonato)-europium(iii)

Space Group:	P21/n	***Cell:***	***a***	12.981(4)	***b***	18.067(6)	***c***	16.933(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.44(2)	γ	90.00

R-Factor (%): 9.97 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.660



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1719

OBIFUB

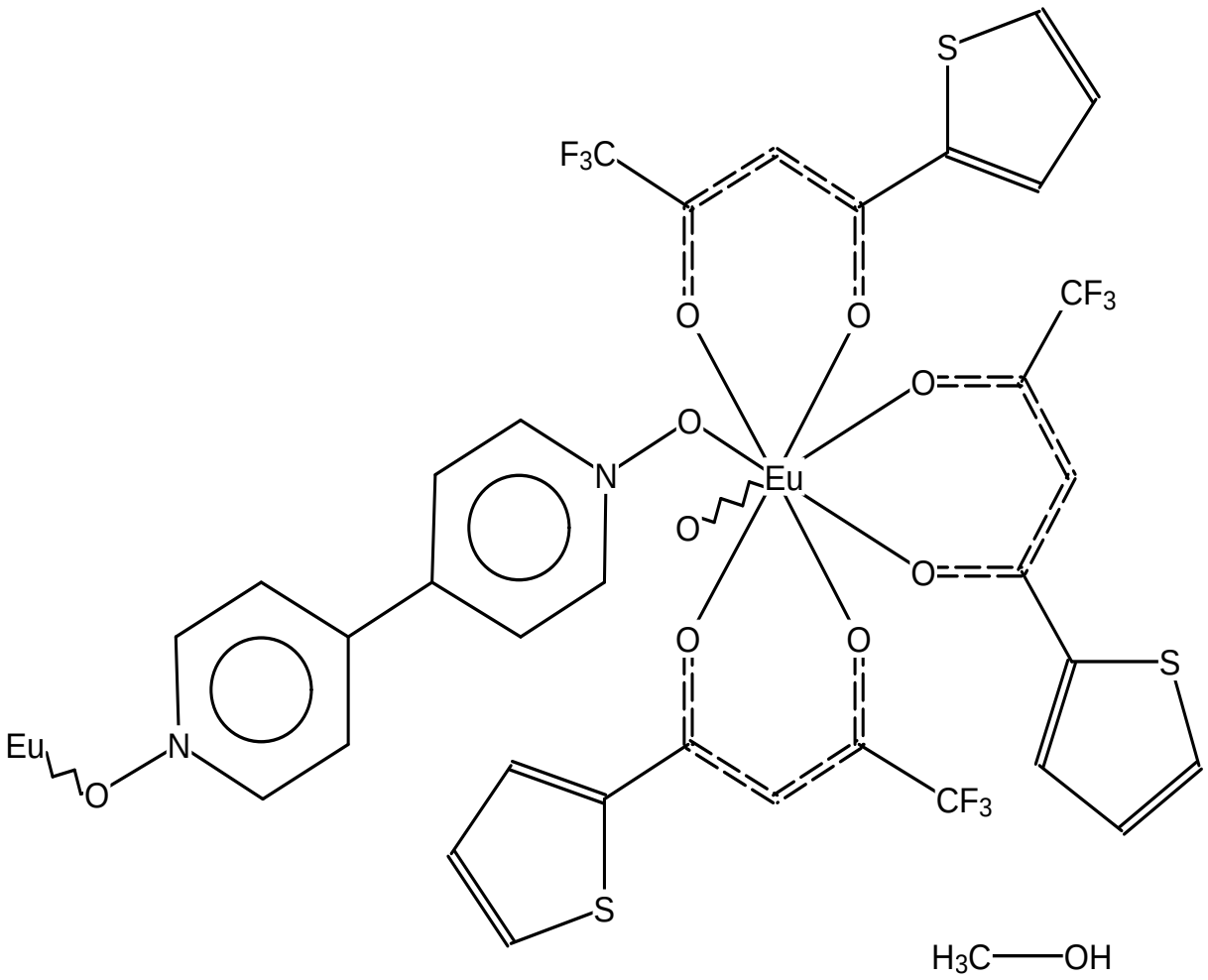
Reference: C.Seward, Suning Wang (2001) *Can.J.Chem.* ,**79,**1187

Formula: $(C_{34}\ H_{20}\ Eu_1\ F_9\ N_2\ O_8\ S_3)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-tris((2-thienyl) trifluoroacetylacetonato)-europium(iii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	10.813(1)	***b***	10.897(1)	***c***	18.628(2)
Space Group No.:	2	***(Å,°)***	α	95.16(0)	β	94.96(0)	γ	111.13(0)

R-Factor (%): 6.49 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.701



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1720

OBIGUB

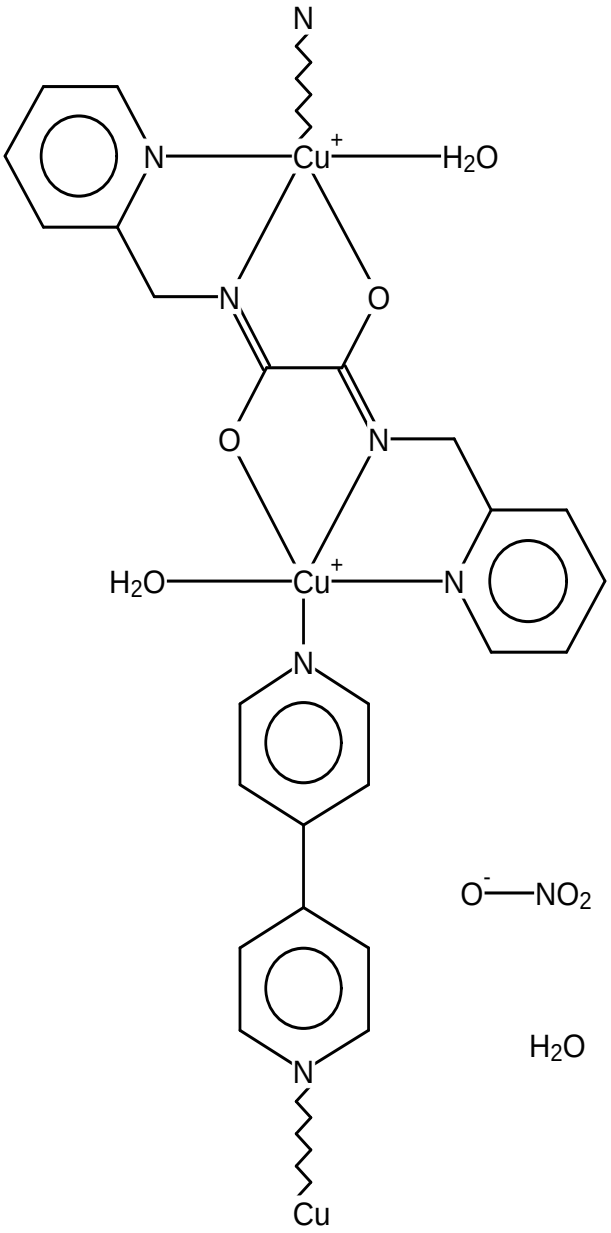
Reference: Hua-Xin Zhang, Bei-Sheng Kang, Zhong-Yuan Zhou, A.S.C.Chan, Zhong-Ning Chen, Chen Ren (2001) *J.Chem.Soc.,Dalton Trans.* ,1664

Formula: $(C_{24}\ H_{24}\ Cu_2\ N_6\ O_4\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl-N,N')-(μ_2-N,N'-bis(2-pyridylmethyl)oxamide)-bis(aqua-copper(ii)) dinitrate monohydrate

Space Group:	C2/c	***Cell:***	***a***	15.290(3)	***b***	13.414(2)	***c*** 14.815(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	115.30(0)	γ 90.00

R-Factor (%): 4.37 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.764



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1721

OBITIC

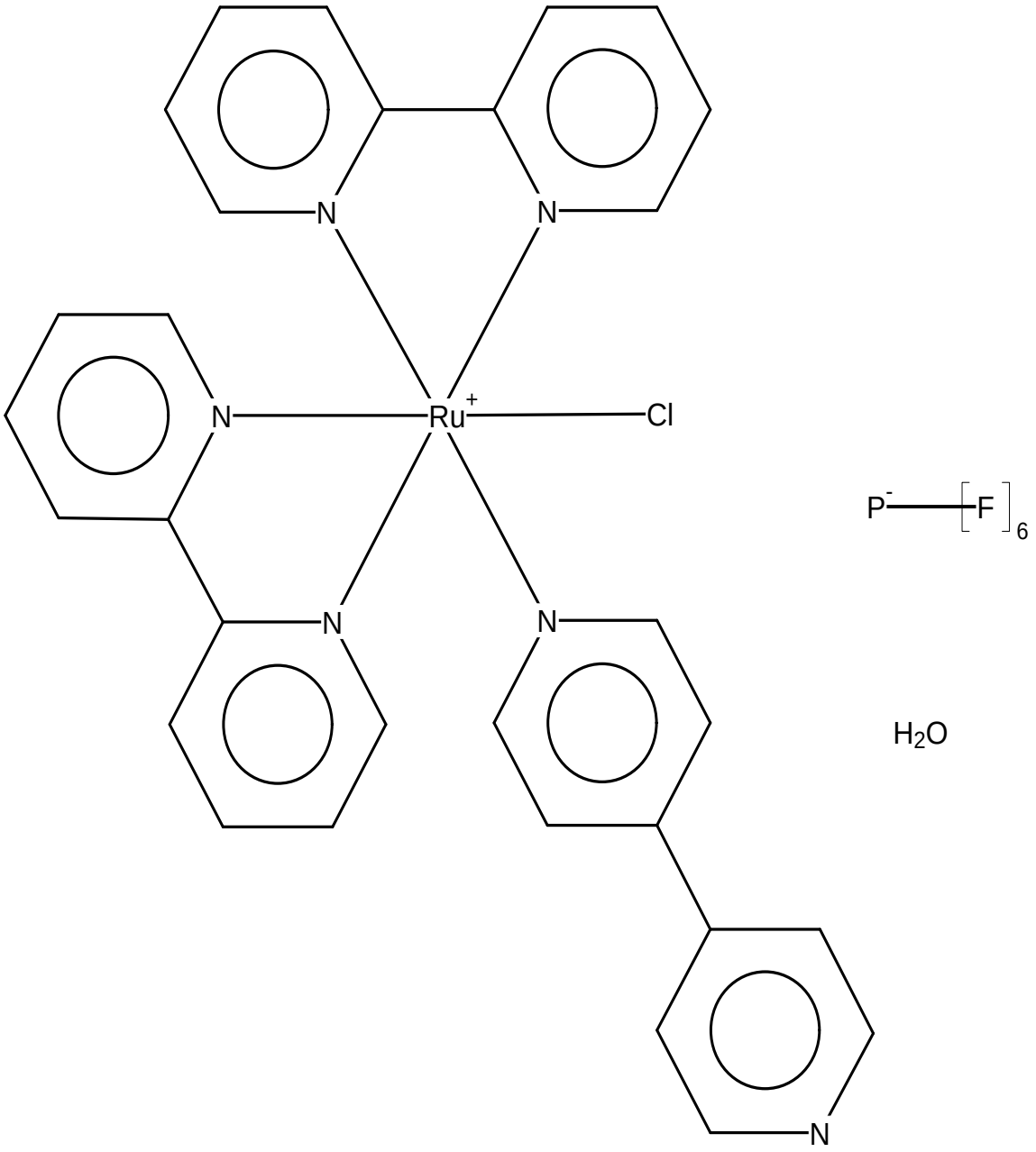
Reference: D.Hesek, G.A.Hembury, M.G.B.Drew, S.Taniguchi, Y.Inoue (2001) *Inorg.Chem. ,***40,**2478

Formula: $C_{30}\ H_{24}\ Cl_1\ N_6\ Ru_1\ ^{1+},F_6\ P_1\ ^{1-},H_2\ O_1$

Compound Name: rac-Chloro-bis(2,2'-bipyridine-N,N')-(4,4'-bipyridine-N)-ruthenium hexafluorophosphate monohydrate

Space Group:	P21/n	***Cell:***	***a***	13.015(1)	***b***	14.086(2)	***c***	17.453(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.70(1)	γ	90.00

R-Factor (%): 6.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.618



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1722

OBITIC01

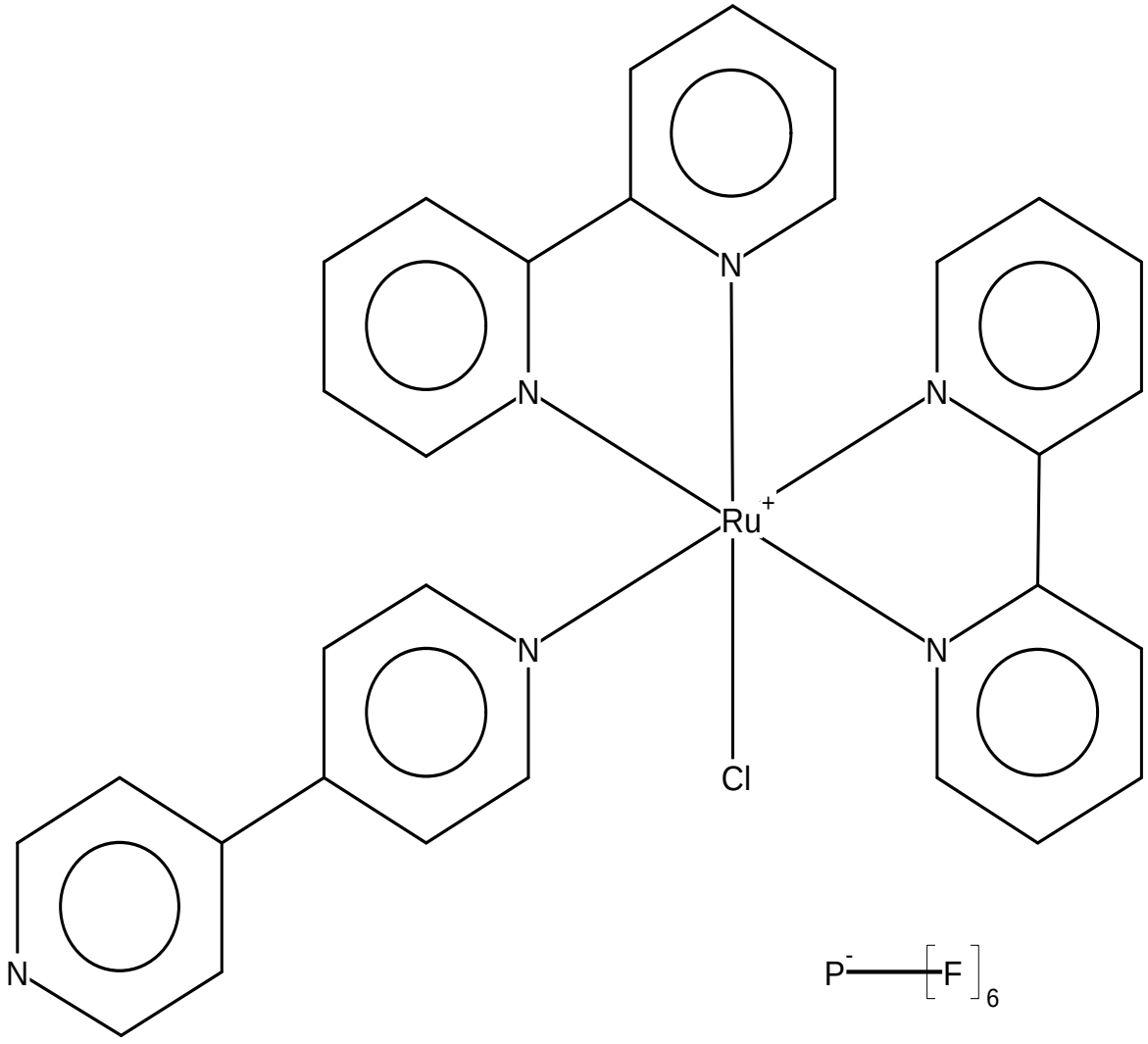
Reference: Miao Du, Xiao-Jing Ge, He Liu, Xian-He Bu (2002)
J.Mol.Struct. ,**610,**207

Formula: $C_{30}\ H_{24}\ Cl_1\ N_6\ Ru_1\ ^{1+},F_6\ P_1\ ^{1-},H_2\ O_1$

Compound Name: cis-bis(2,2'-Bipyridine)-(4,4'-bipyridine)-chloro-ruthenium(ii) hexafluorophosphate monohydrate

Space Group:	P21/n	***Cell:***	***a***	12.999(6)	***b***	13.966(7)	***c***	17.477(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.31(0)	γ	90.00

R-Factor (%): 6.01 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.629



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 1723

OBOMEX

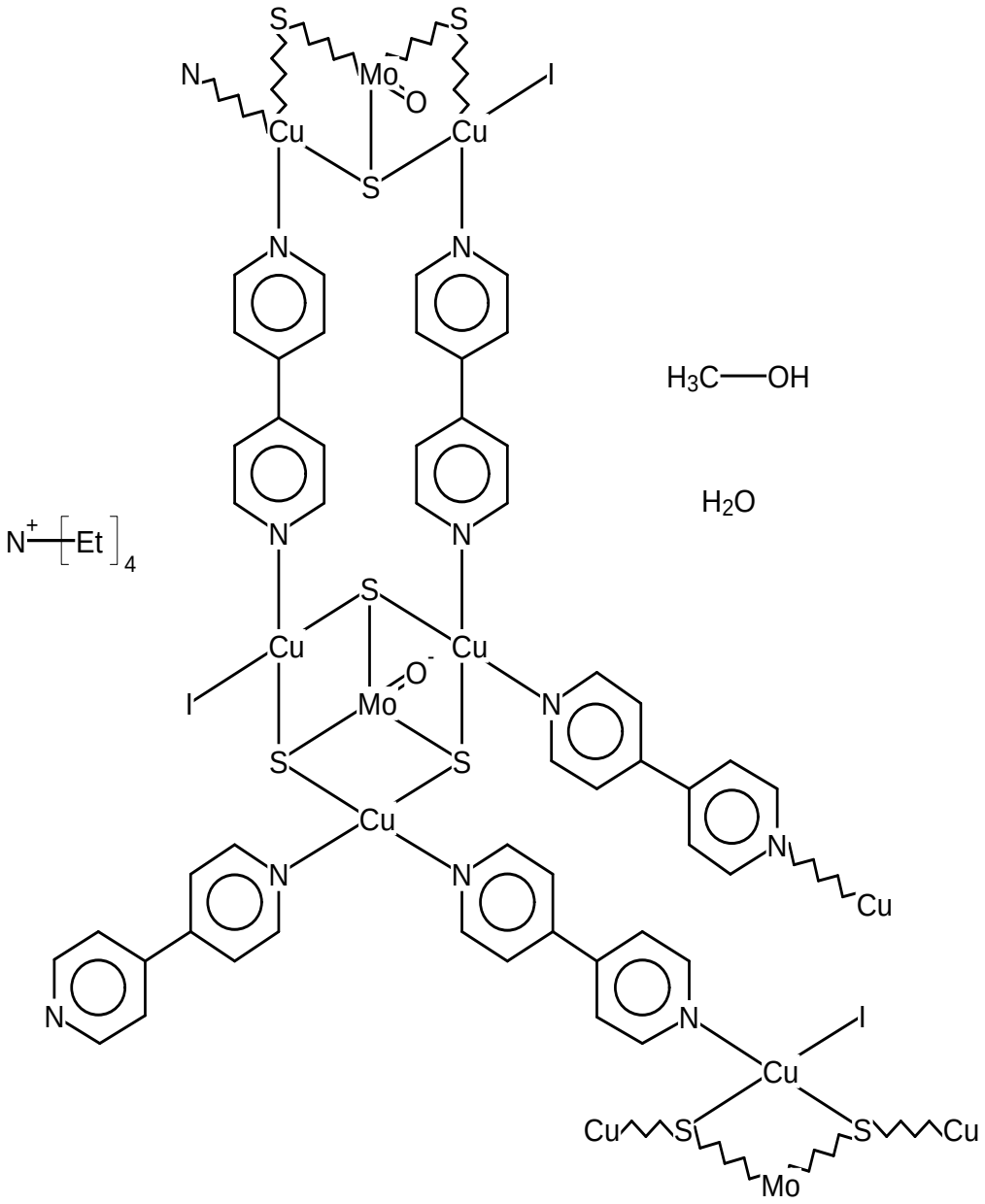
Reference: Qian-Feng Zhang, Yunying Niu, Wa-Hung Leung, Yinglin Song, I.D.Williams, Xinquan Xin (2001) *Chem.Commun.* ,1126

Formula: $(C_8 H_{20} N_1)^{1+}n,n(C_{50} H_{40} Cu_6 I_3 Mo_2 N_{10} O_2 S_6)^{1-},n(C_1 H_4 O_1),n(H_2 O_1)$

Compound Name: catena-(Tetraethylammonium hexakis(μ_3-sulfido)-tetrakis(μ_2-4,4'-bipyridyl-N,N')-tri-iodo-dioxo-(4,4'-bipyridyl-N,N')-hexa-copper-di-molybdenum methanol solvate monohydrate)

Space Group:	P1	***Cell:***	***a***	11.033(0)	***b***	11.824(0)	***c*** 15.387(0)
Space Group No.:	1	***(Å,°)***	α	72.30(0)	β	81.44(0)	γ 84.86(0)

R-Factor (%): 6.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.881



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1724

OBUFEX

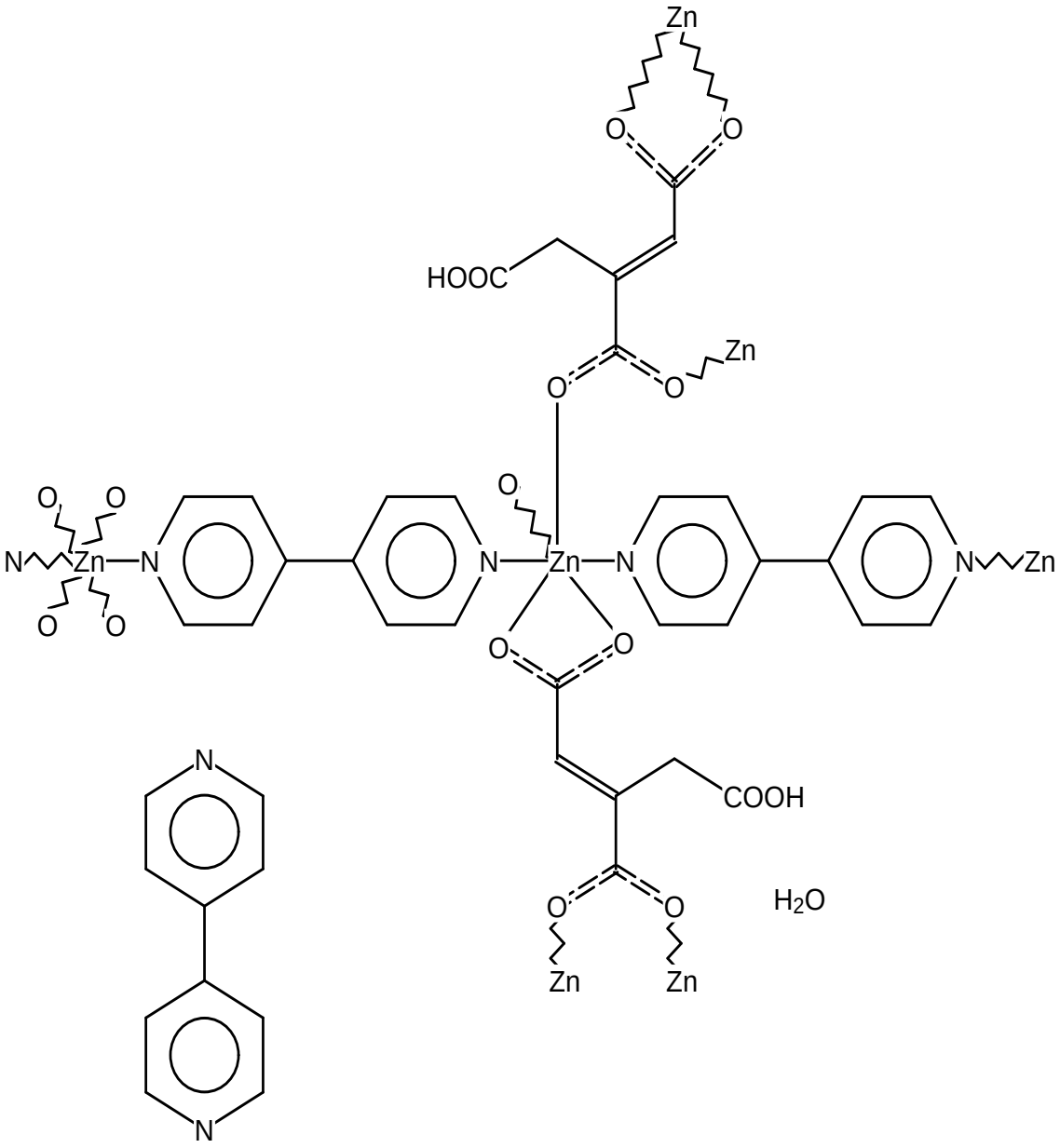
Reference: Ming-Sheng Wang, Guo-Cong Guo, Li-Zhen Cai, Wen-Tong Chen, Bing Liu, A-Qing Qu, Jin-Shun Huang (2004) *Dalton Trans. ,*2230

Formula: $(C_{32}\ H_{24}\ N_4\ O_{12}\ Zn_2)n,n(C_{10}\ H_8\ N_2),5.5n(H_2\ O_1)$

Compound Name: catena-(bis((μ3-trans-Propene-2-carboxy-1,3-dicarboxylato)-(μ2-4,4'-bipyridine))-di-zinc(ii) 4,4'-bipyridine solvate hydrate)

Space Group:	P21/c	***Cell:***	***a***	11.442(2)	***b*** 15.807(3)	***c***	13.373(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.36(3)	γ	90.00

R-Factor (%): 6.70 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.460



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1725

OBUFIB

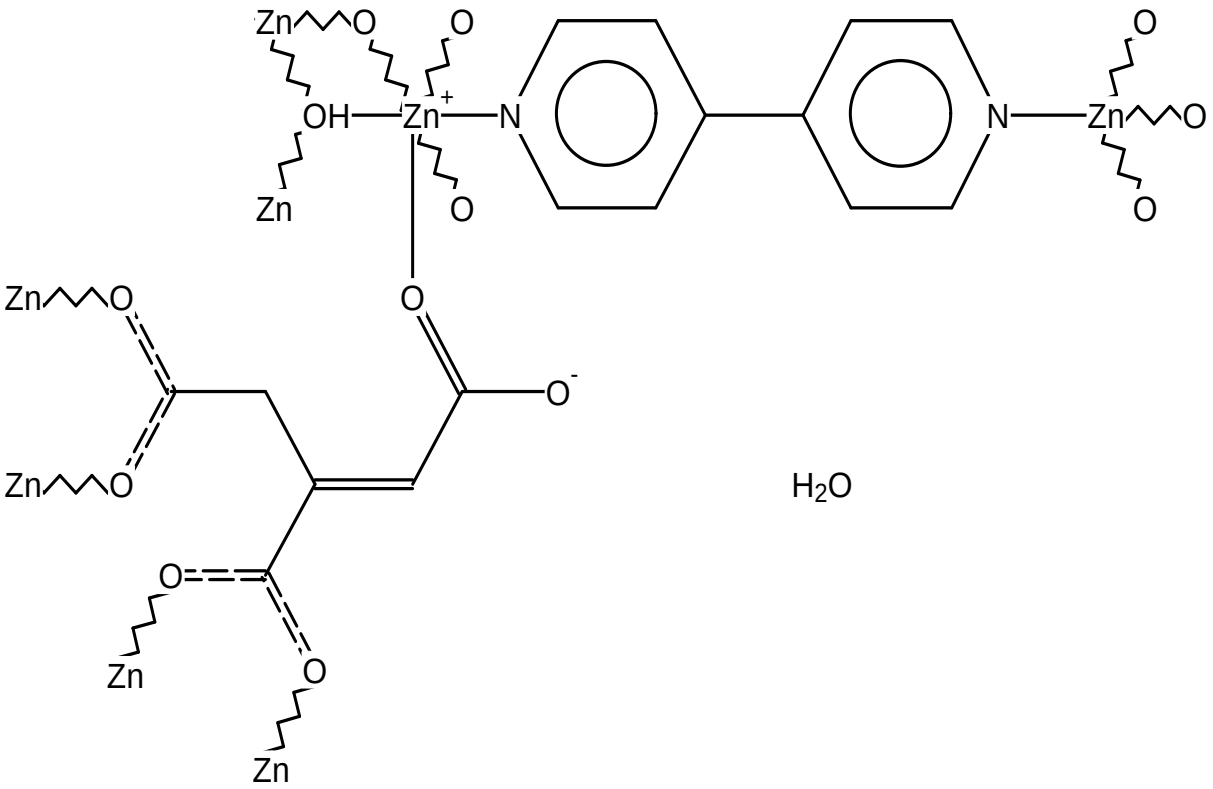
Reference: Ming-Sheng Wang, Guo-Cong Guo, Li-Zhen Cai, Wen-Tong Chen, Bing Liu, A-Qing Qu, Jin-Shun Huang (2004) *Dalton Trans. ,*2230

Formula: $(C_{16}\ H_{12}\ N_2\ O_7\ Zn_2)n,2.5n(H_2\ O_1)$

Compound Name: catena-((μ_5-trans-Propene-1,2,3-tricarboxylato)-(μ_3-hydroxo)-(μ_2-4,4'-bipyridine)-di-zinc(ii) hydrate)

Space Group:	C2/c	***Cell:***	***a***	8.542(1)	***b***	25.969(3)	***c*** 18.225(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.54(1)	γ 90.00

R-Factor (%): 7.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.717



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1726

OBUTIO

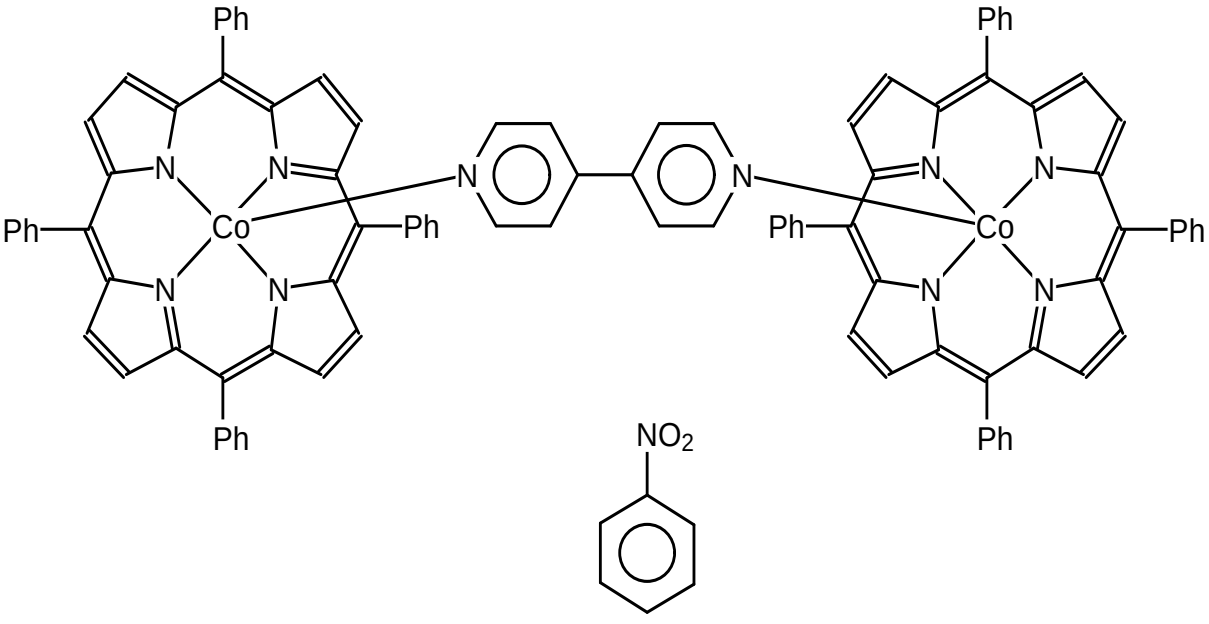
Reference: R.K.Kumar, Y.Diskin-Posner, I.Goldberg (2000)
*J.Inclusion Phenom.Macrocyclic Chem. ,***37,**219

Formula: $C_{98}\ H_{64}\ Co_2\ N_{10}$,4($C_6\ H_5\ N_1\ O_2$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis((5,10,15,20-tetraphenylporphyrinato)-cobalt) nitrobenzene clathrate

Space Group:	C2/c	***Cell:***	***a***	18.554(1)	***b***	13.458(1)	***c***	39.706(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.73(0)	γ	90.00

R-Factor (%): 6.75 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.354



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1727

OCAQOY

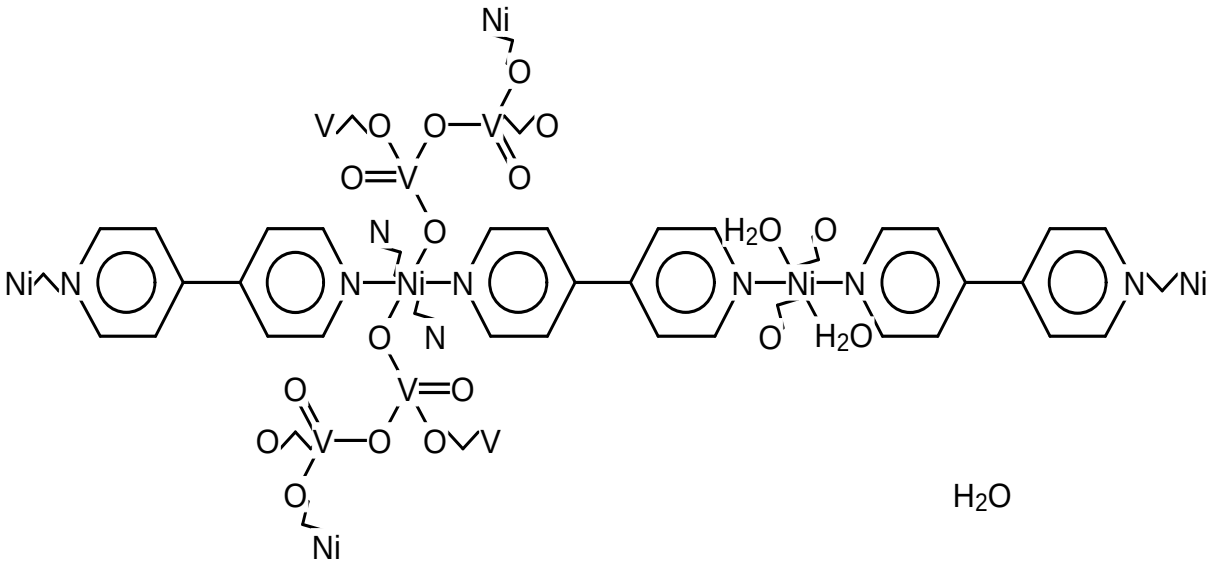
Reference: Lan Yang, Changwen Hu, H.Naruke, T.Yamase (2001)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**57,**799

Formula: $(C_{30}\ H_{28}\ N_6\ Ni_2\ O_{14}\ V_4)n,2.5n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-octakis(μ_2-oxo)-diaqua-tetraoxo-di-nickel-tetra-vanadium hydrate)

Space Group:	C2/c	***Cell:***	***a*** 30.380(0)	***b*** 11.240(0)	***c*** 11.537(0)
Space Group No.:	15	***(Å,°)***	α 90.00	β 105.96(0)	γ 90.00

R-Factor (%): 4.22 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.864



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1728

OCEJAI

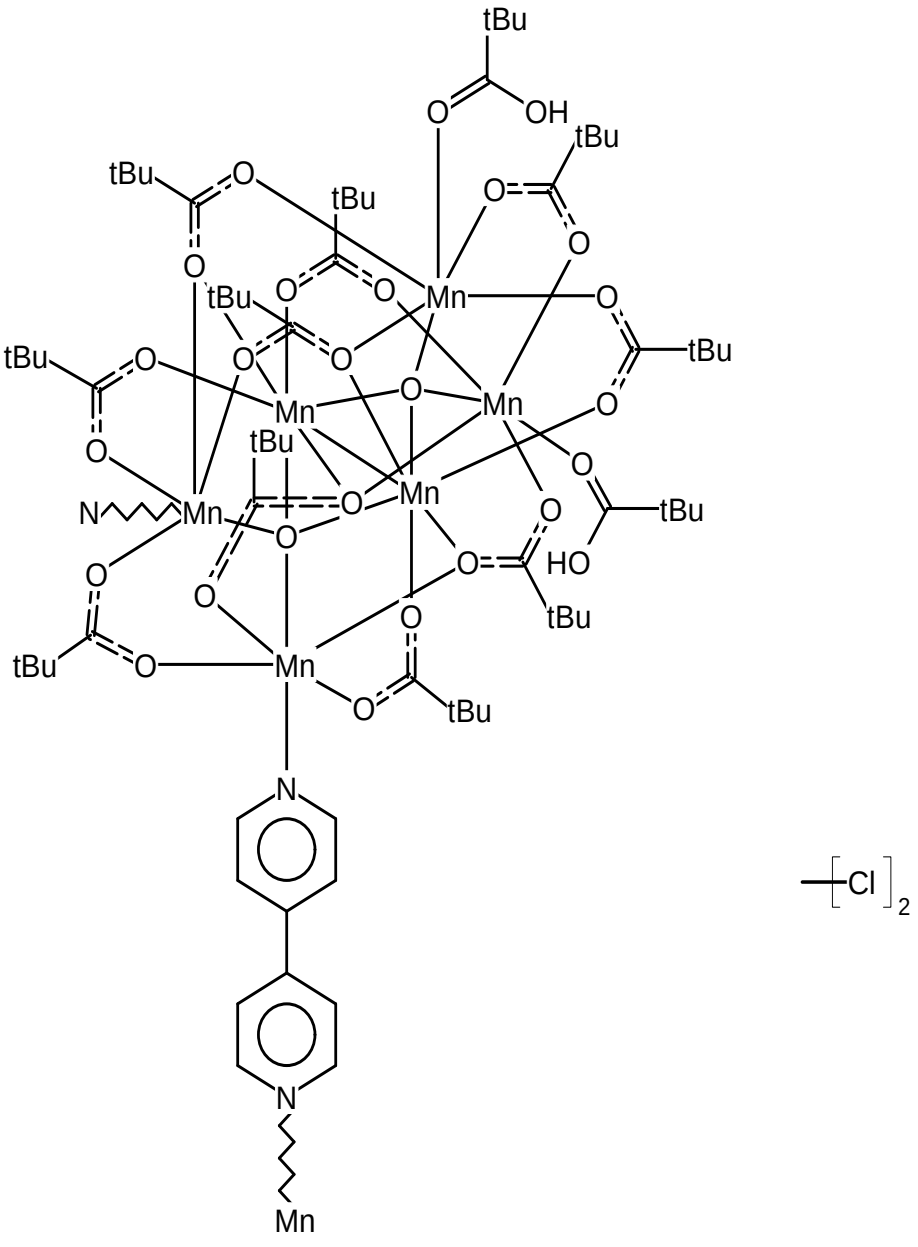
Reference: S.Parsons, M.Murrie, S.Teat, R.Winpenny, P.Wood (2004)
Private Communication ,

Formula: $(C_{70}\ H_{118}\ Mn_6\ N_2\ O_{26})n,0.65n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(bis(μ_4-Oxo)-tetrakis(μ_3-pivalato)-(μ_2-4,4'-bipyridyl)-hexakis(μ_2-pivalato)-bis(pivalic acid)-hexa-manganese dichloromethane solvate)

Space Group:	Pnna	***Cell:***	***a***	29.402(1)	***b***	25.097(1)	***c***	13.154(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	6.08	***Temperature(K):***	150	***Density(g/cm^3):***	1.224



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1729

OCEPAO

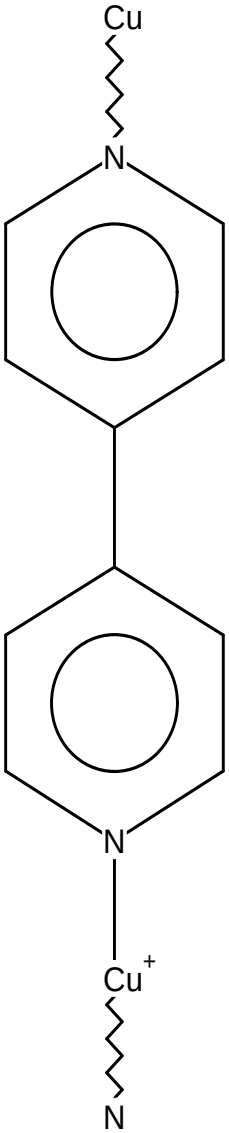
Reference: K.Zhang, K.Lyu, W.Yang (2005)
Izv.Akad.Nauk SSSR,Ser.Khim.(Russ.)(Russ.Chem.Bull.) ,1767

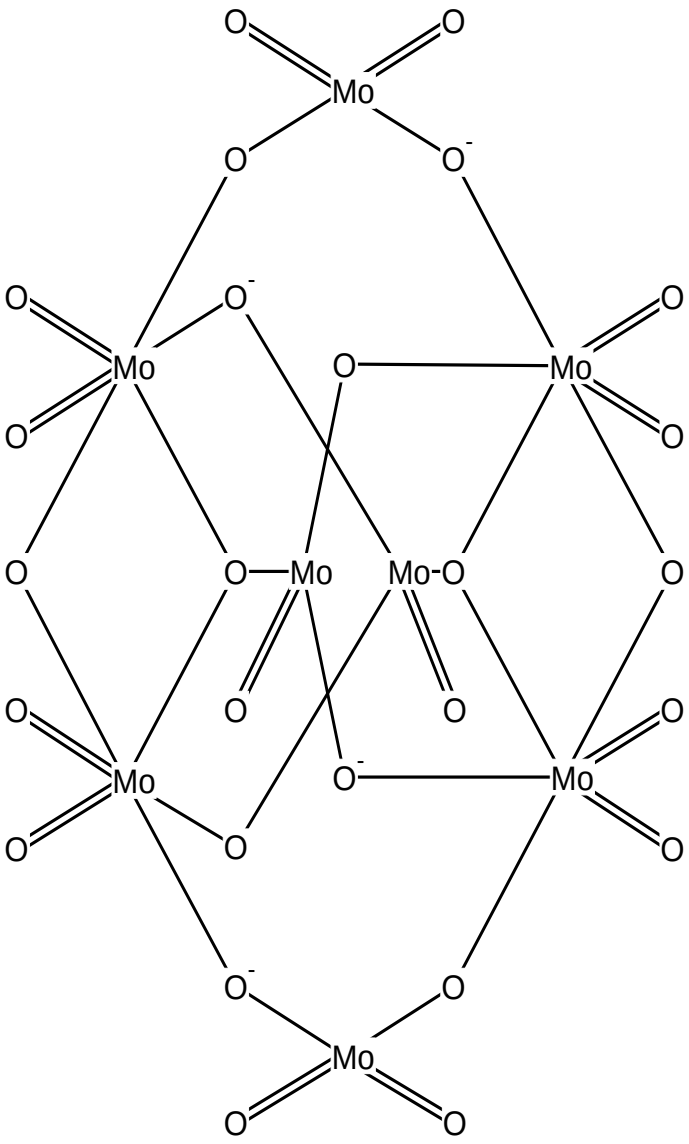
Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})4n,n(Mo_8\ O_{26}\ ^{4-})$

Compound Name: catena-(tetrakis((μ_2-4,4'-Bipyridyl)-copper(i)) tetrakis(μ_3-oxo)-decakis(μ_2-oxo)-dodecaoxo-octa-molybdenum(vi))

Synonym: catena-(tetrakis((μ_2-4,4'-Bipyridyl)-copper(i)) α-octamolybdate(vi))

Space Group:	P21/c	***Cell:***	***a***	10.813(0)	***b***	11.296(0)	***c***	22.023(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.11(0)	γ	90.00
R-Factor (%):	7.66	***Temperature(K):***	295		***Density(g/cm^3):***	2.553		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1730

OCEPAO01

Reference: C.L.Wang, S.X.Liu, C.Y.Sun, L.H.Xie (2008)
J.Coord.Chem. ,**61,**891

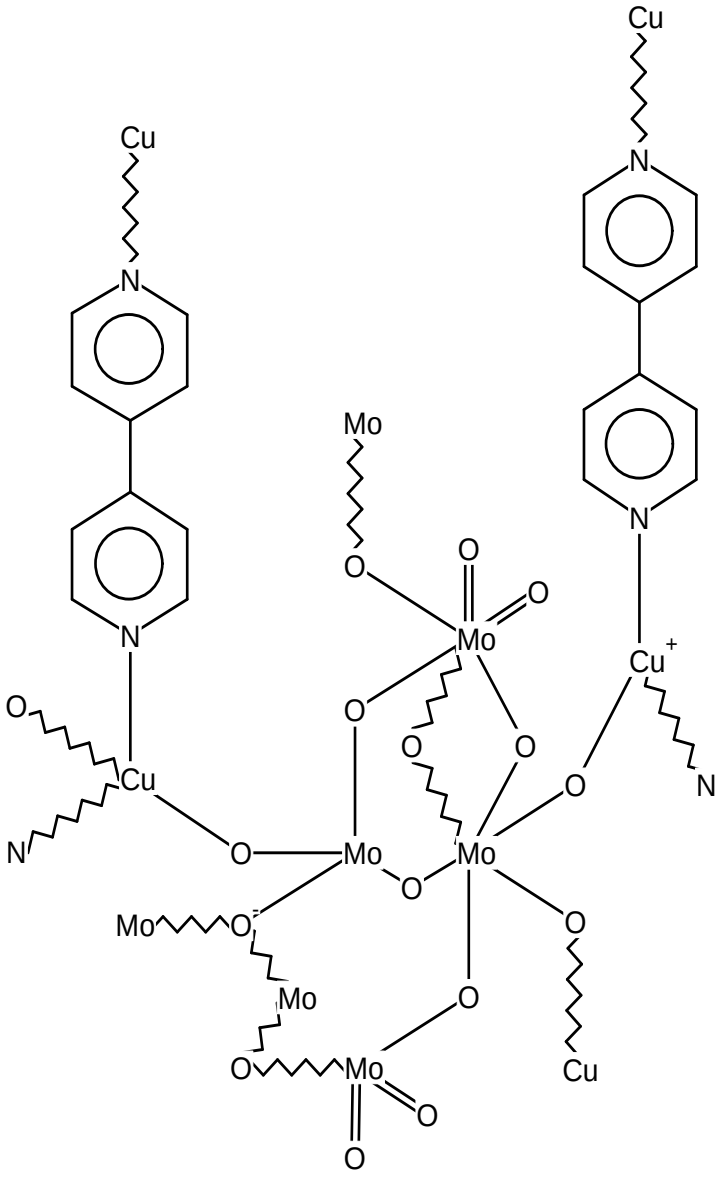
Formula: $(C_{20}\ H_{16}\ Cu_2\ Mo_4\ N_4\ O_{13})n$

Compound Name: catena-((μ_3-oxo)-bis(μ_2-4,4'-bipyridyl)-octakis(μ_2-oxo)-tetraoxo-di-copper(i)-tetra-molybdenum(vi))

Synonym: catena-(bis(μ_2-4,4'-bipyridyl)-(μ_2-δ-tridecaoxo-tetramolybdate(vi))-di-copper(i))

Space Group:	P21/c	***Cell:***	***a***	10.860(2)	***b***	11.329(2)	***c***	22.092(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.18(3)	γ	90.00

R-Factor (%): 3.41 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.527



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1731

OCEYEB

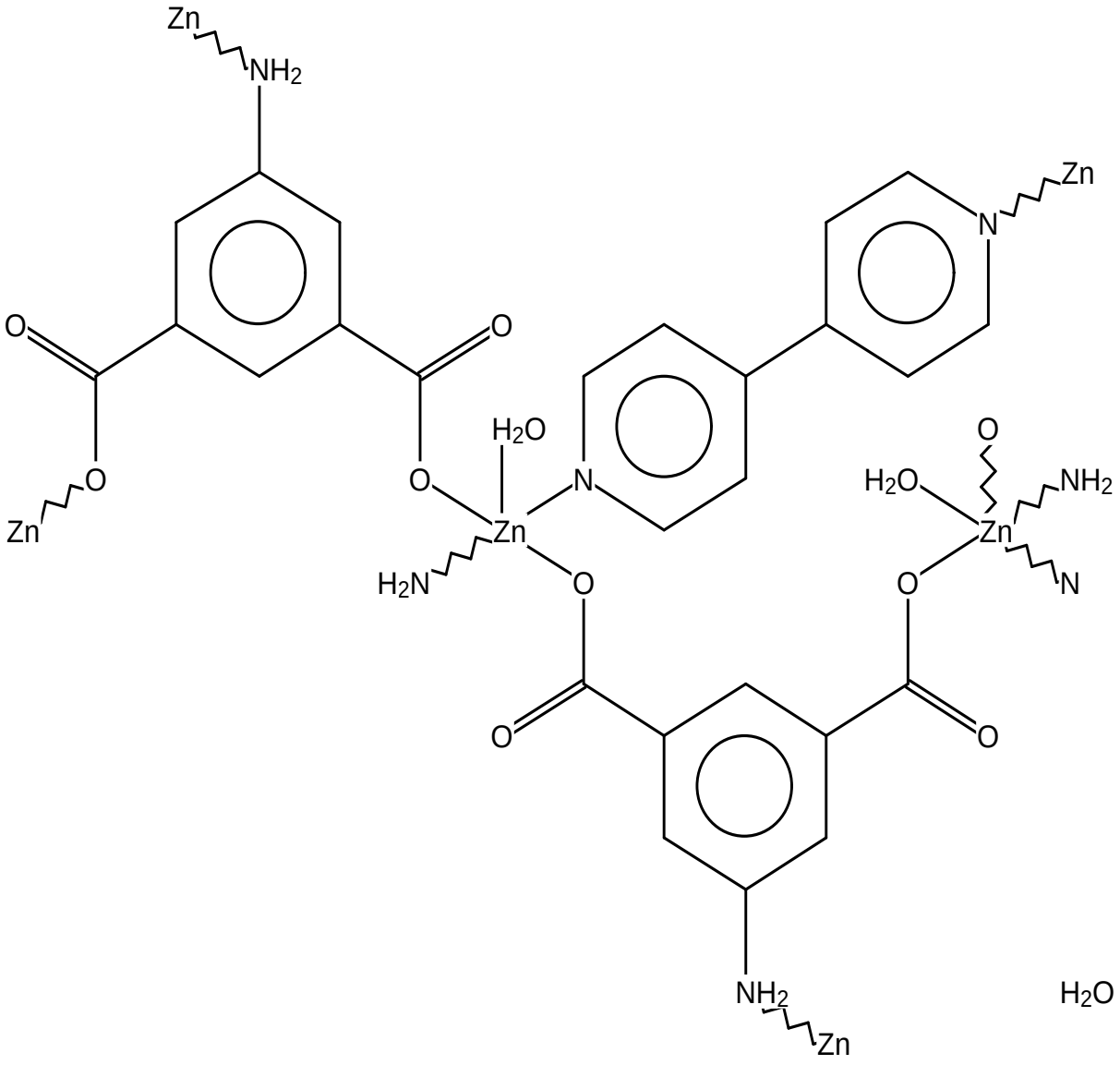
Reference: K.O.Kongshaug, H.Fjellvag (2006) *Inorg.Chem.* ,**45,**2424

Formula: $(C_{26}\ H_{22}\ N_4\ O_{10}\ Zn_2)n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-zinc tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.468(0)	***b*** 7.679(0)	***c***	16.183(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.96(0)	γ	90.00

R-Factor (%): 3.77 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.707



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1732

OCEYUR

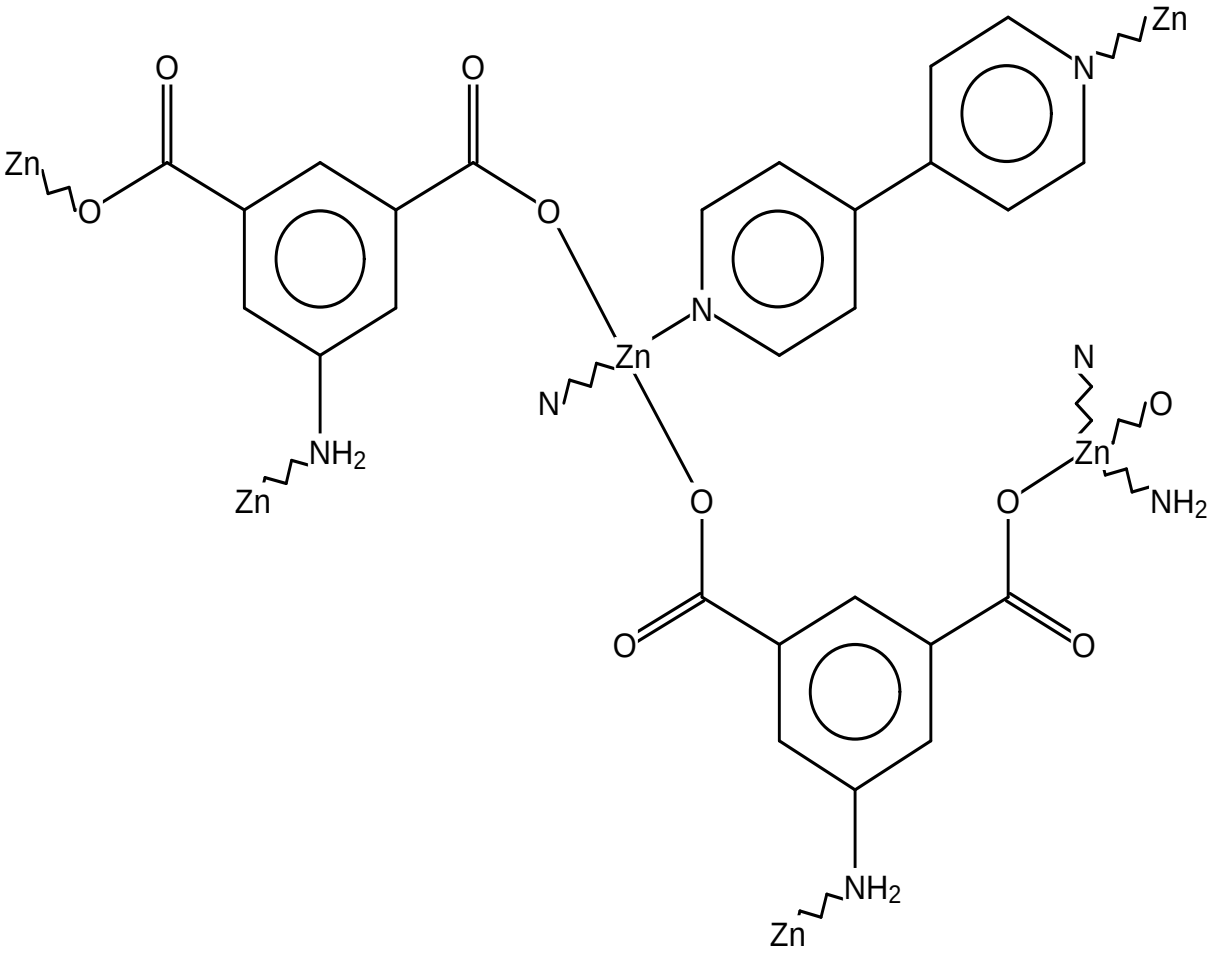
Reference: K.O.Kongshaug, H.Fjellvag (2006) *Inorg.Chem.* ,**45,**2424

Formula: $(C_{26}\ H_{18}\ N_4\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-di-zinc)

Space Group:	P21/c	***Cell:***	***a***	11.581(0)	***b*** 7.707(0)	***c***	15.998(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.64(0)	γ	90.00

R-Factor (%): 6.09 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.575



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1733

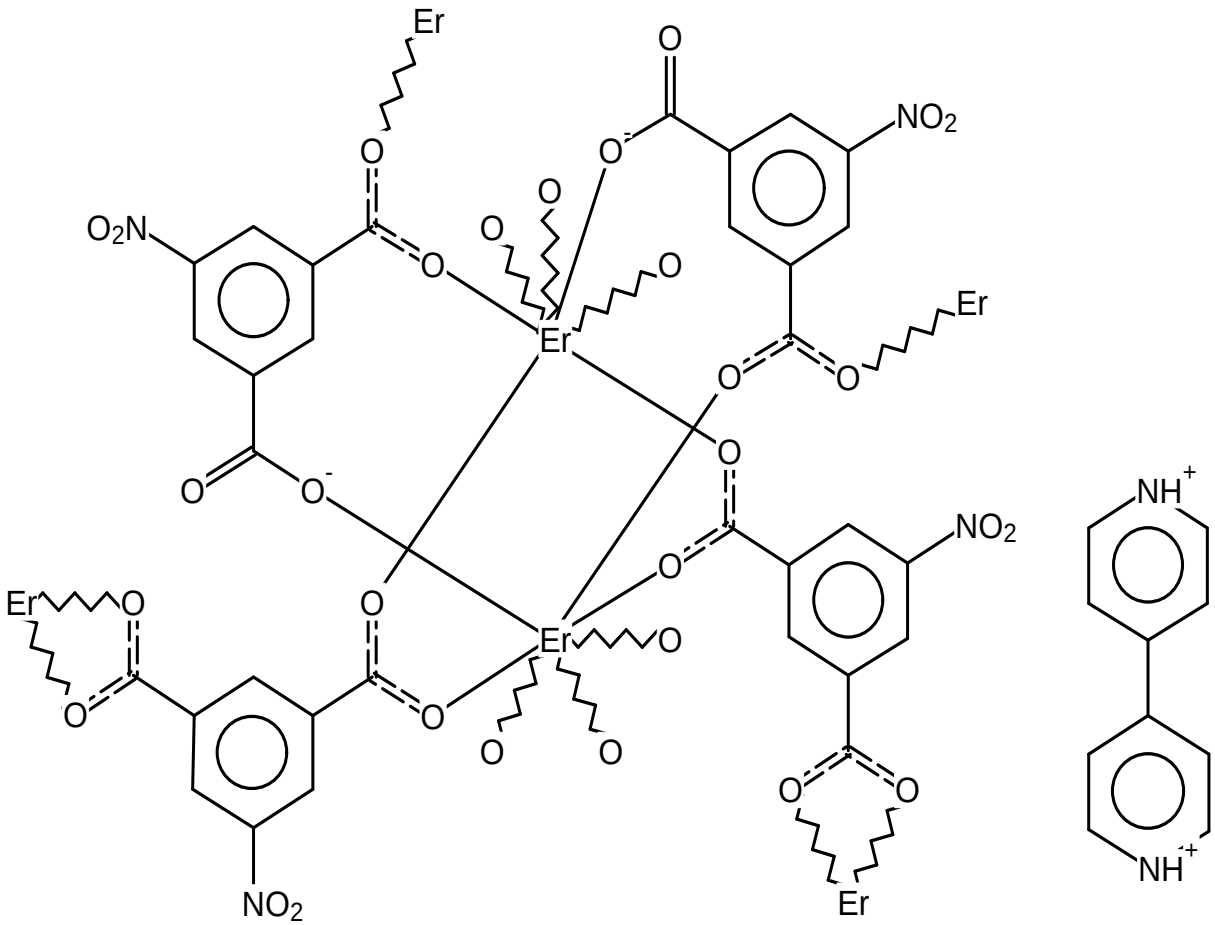
OCIREY

Reference: Yixia Ren, Sanping Chen, Gang Xie, Shengli Gao, Qizhen Shi (2006) *Inorg.Chim.Acta* ,**359,**2047

Formula: $(C_{32}\ H_{12}\ Er_2\ N_4\ O_{24}\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4'-bipyridinium bis(μ_3-5-nitroisophthalato-O,O',O'',O''')-bis(μ_3-5-nitroisophthalato-O,O',O'')-di-erbium(iii))

Space Group:	P-1	***Cell:***	***a***	8.679(1)	***b***	9.386(1)	***c*** 13.830(1)
Space Group No.:	2	***(Å,°)***	α	84.90	β	77.94	γ 73.81
R-Factor (%):	2.71	***Temperature(K):***	273	***Density(g/cm^3):***	2.087		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1734

OCITAV

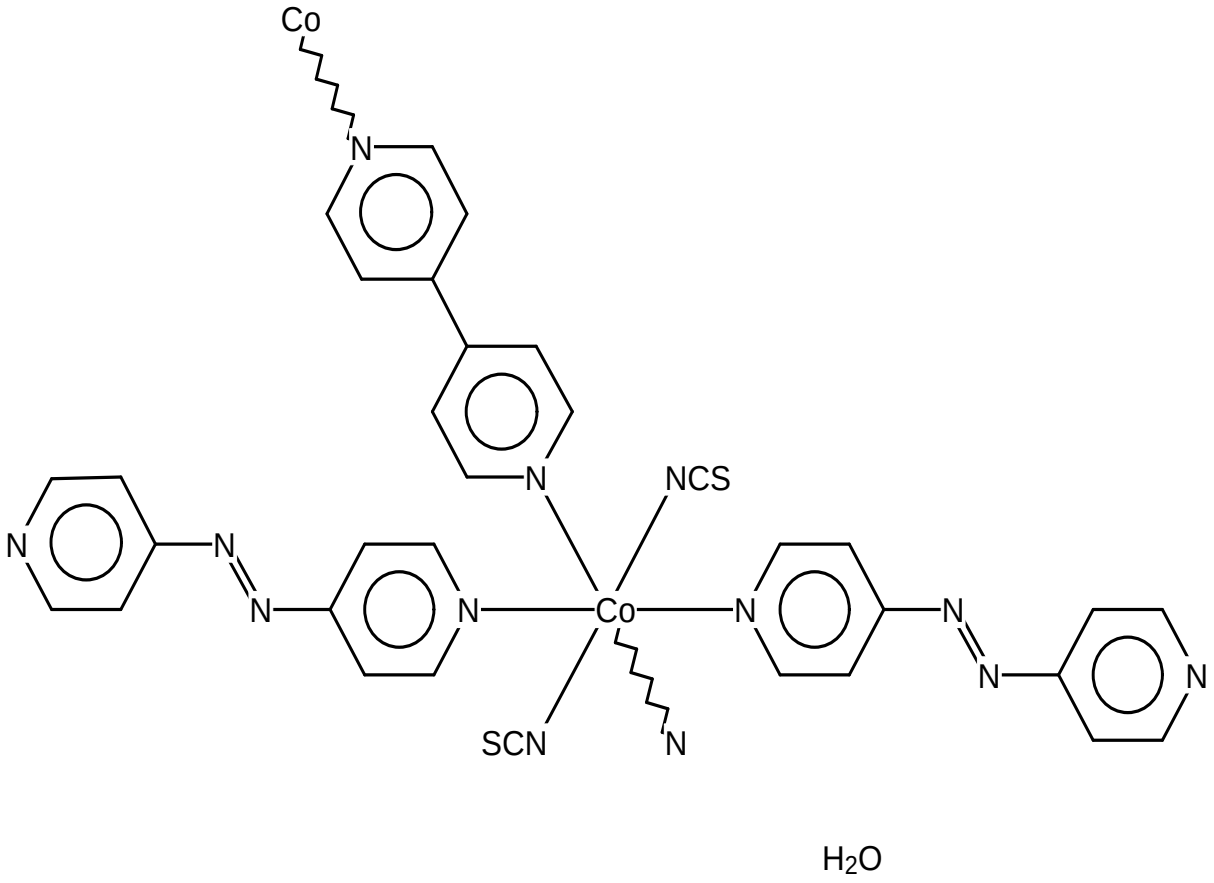
Reference: Baolong Li, Huibiao Liu, Yan Xu, Jietong Chen, Zheng Xu (2001) *Chem.Lett.* ,902

Formula: $(C_{32}\ H_{24}\ Co_1\ N_{12}\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(isothiocyanato)-bis(4,4'-azobis(pyridine)-N)-cobalt(ii) monohydrate)

Space Group:	Pnna	***Cell:***	***a***	22.131(1)	***b***	14.040(1)	***c***	11.424(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.343



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1735

OCITAV01

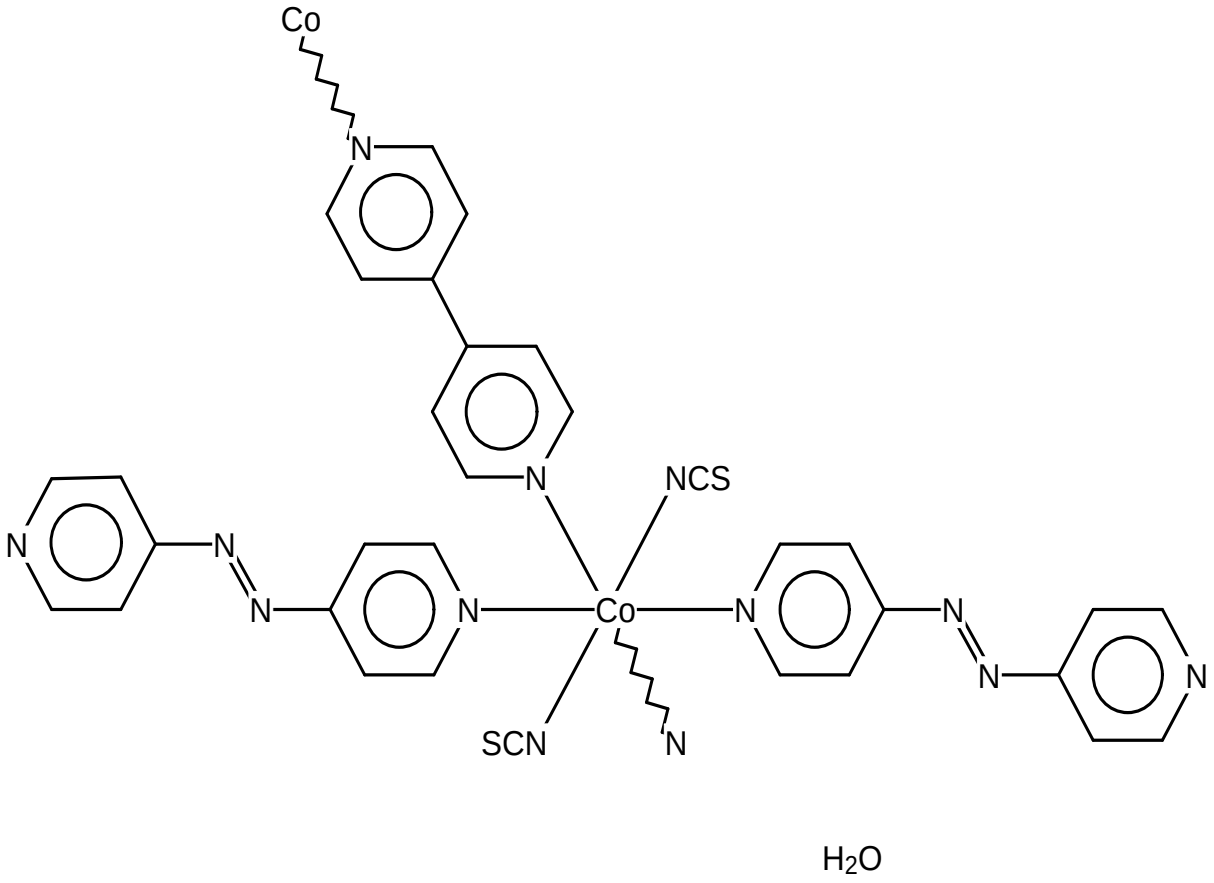
Reference: Bao-Long Li, Bao-Zong Li, Zheng Xu, Jiu-Tong Chen (2003) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**19,**745

Formula: $(C_{32}\ H_{24}\ Co_1\ N_{12}\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(isothiocyanato)-bis(4,4'-azobis(pyridine)-N)-cobalt(ii) monohydrate)

Space Group:	Pnna	***Cell:***	***a***	22.131(1)	***b***	14.040(1)	***c***	11.424(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.343



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1736

ODAGOP

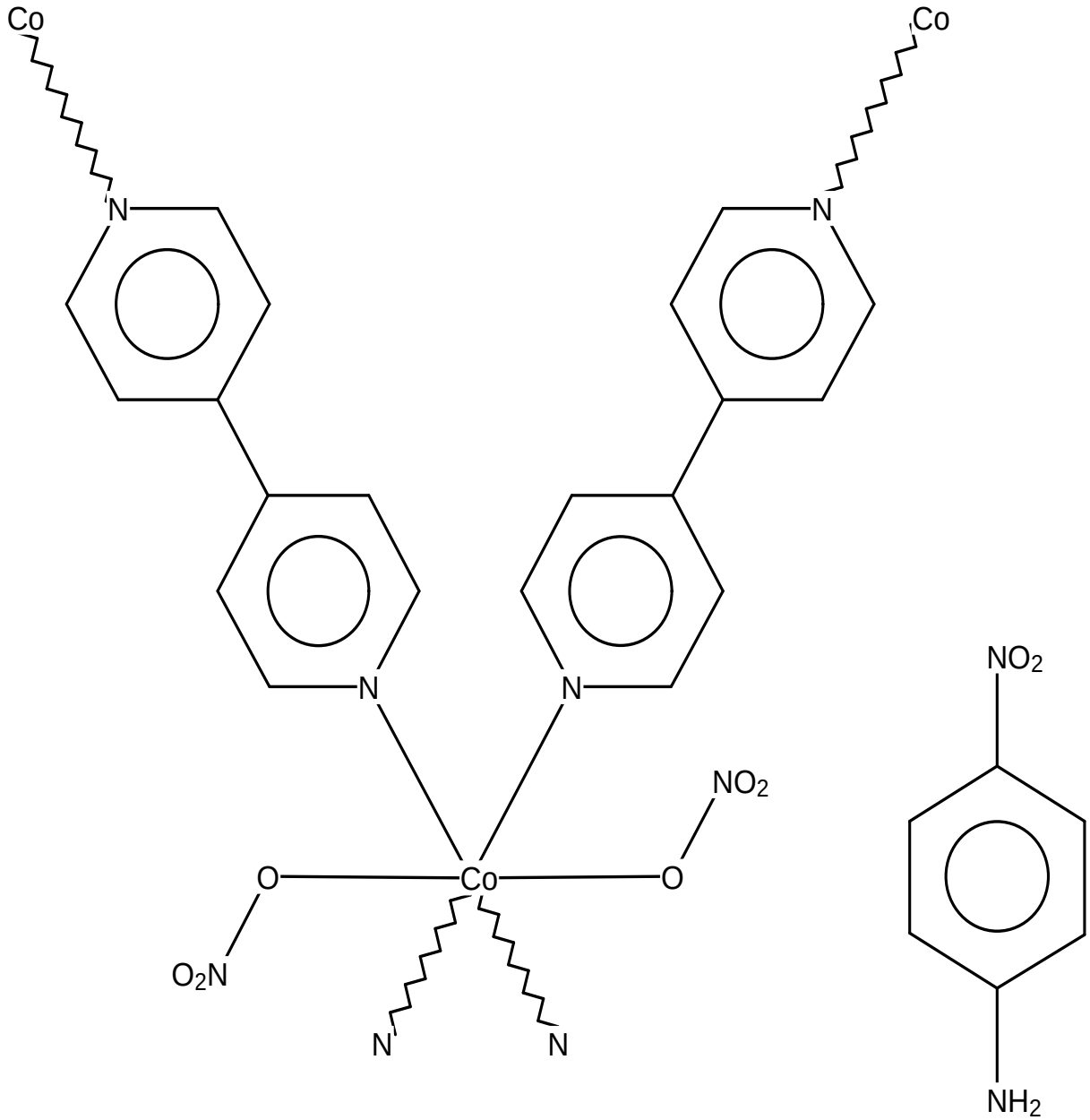
Reference: B.Moulton, E.B.Rather, M.J.Zaworotko (2001)
Crystal Engineering ,**4,**309

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,2n(C_6\ H_6\ N_2\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(nitrato-O)-cobalt bis(p-nitroaniline) clathrate)

Space Group:	C2/c	***Cell:***	***a***	22.161(2)	***b*** 11.428(1)	***c***	13.200(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.99(0)	γ	90.00

R-Factor (%): 4.52 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.587



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1737

ODAGUV

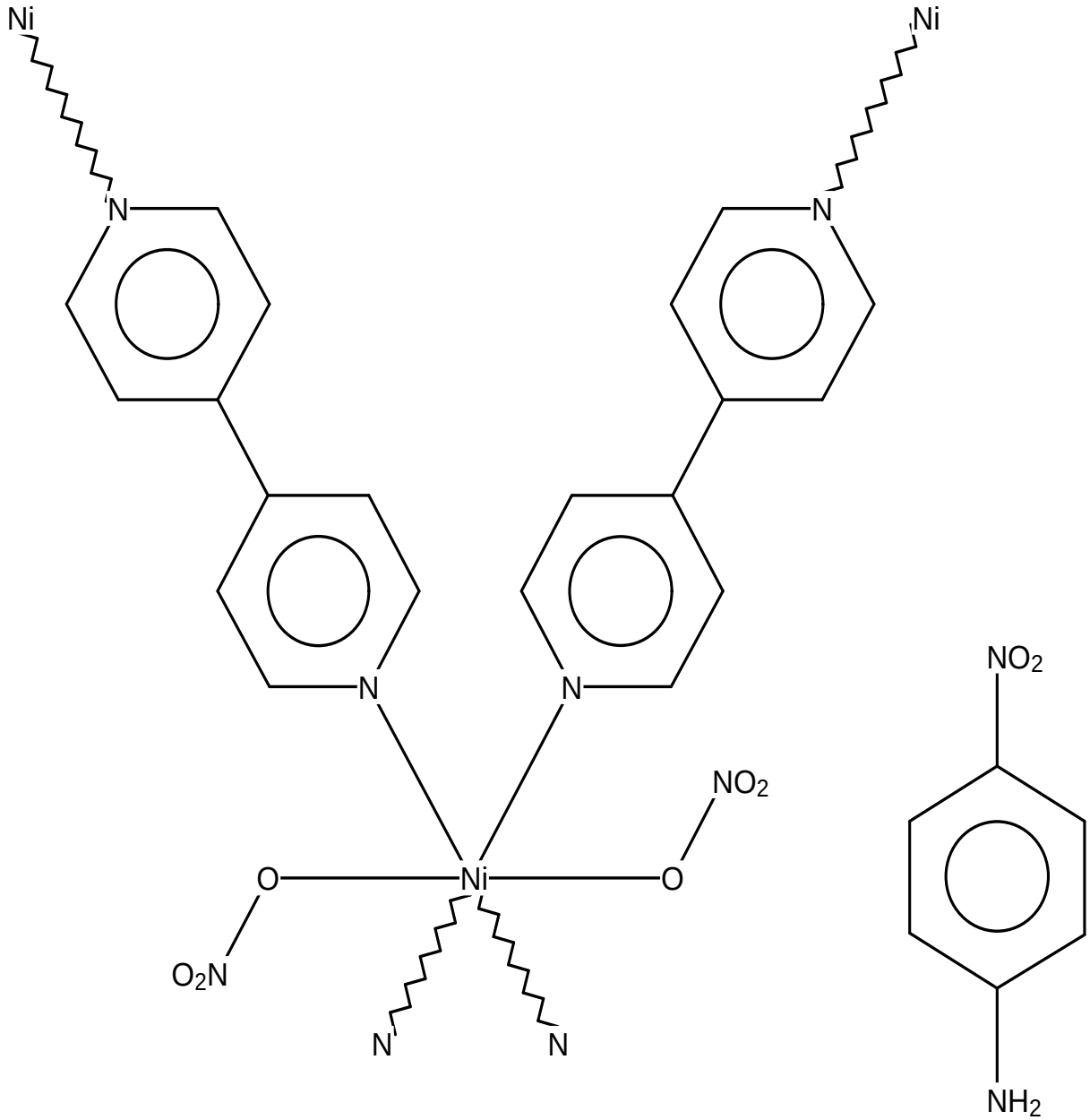
Reference: B.Moulton, E.B.Rather, M.J.Zaworotko (2001)
Crystal Engineering ,**4,**309

Formula: $(C_{20}\ H_{16}\ N_6\ Ni_1\ O_6)n,2n(C_6\ H_6\ N_2\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(nitrato-O)-nickel bis(p-nitroaniline) clathrate)

Space Group:	C2/c	***Cell:***	***a***	22.184(6)	***b*** 11.308(3)	***c***	13.326(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.40(0)	γ	90.00

R-Factor (%): 4.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.598



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1738

ODAHAC

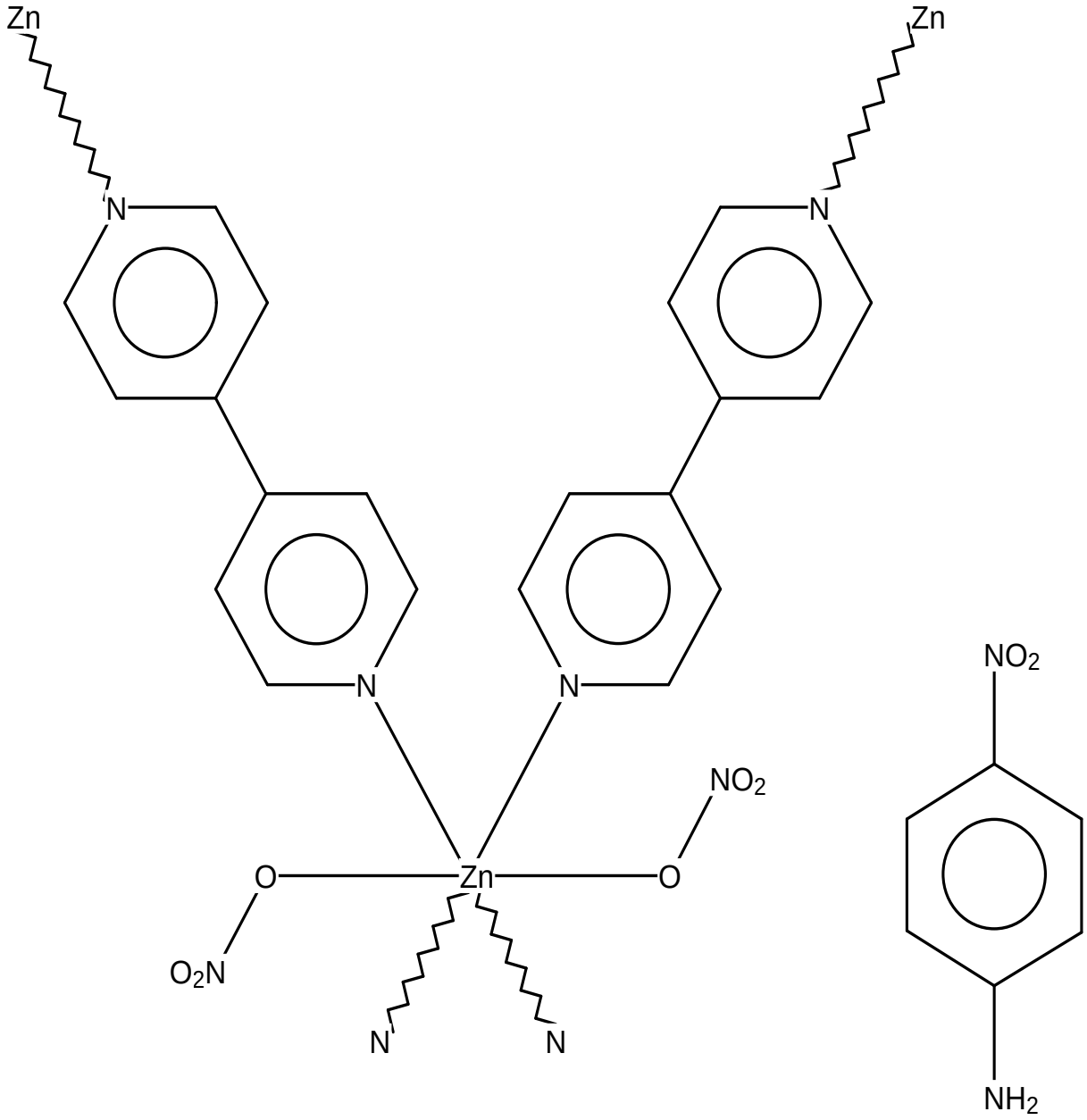
Reference: B.Moulton, E.B.Rather, M.J.Zaworotko (2001)
Crystal Engineering ,**4,**309

Formula: $(C_{20}\ H_{16}\ N_6\ O_6\ Zn_1)n,2n(C_6\ H_6\ N_2\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(nitrato-O)-zinc bis(p-nitroaniline) clathrate)

Space Group:	C2/c	***Cell:***	***a***	22.188(2)	***b*** 11.403(1)	***c***	13.221(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.57(0)	γ	90.00

R-Factor (%): 5.75 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1739

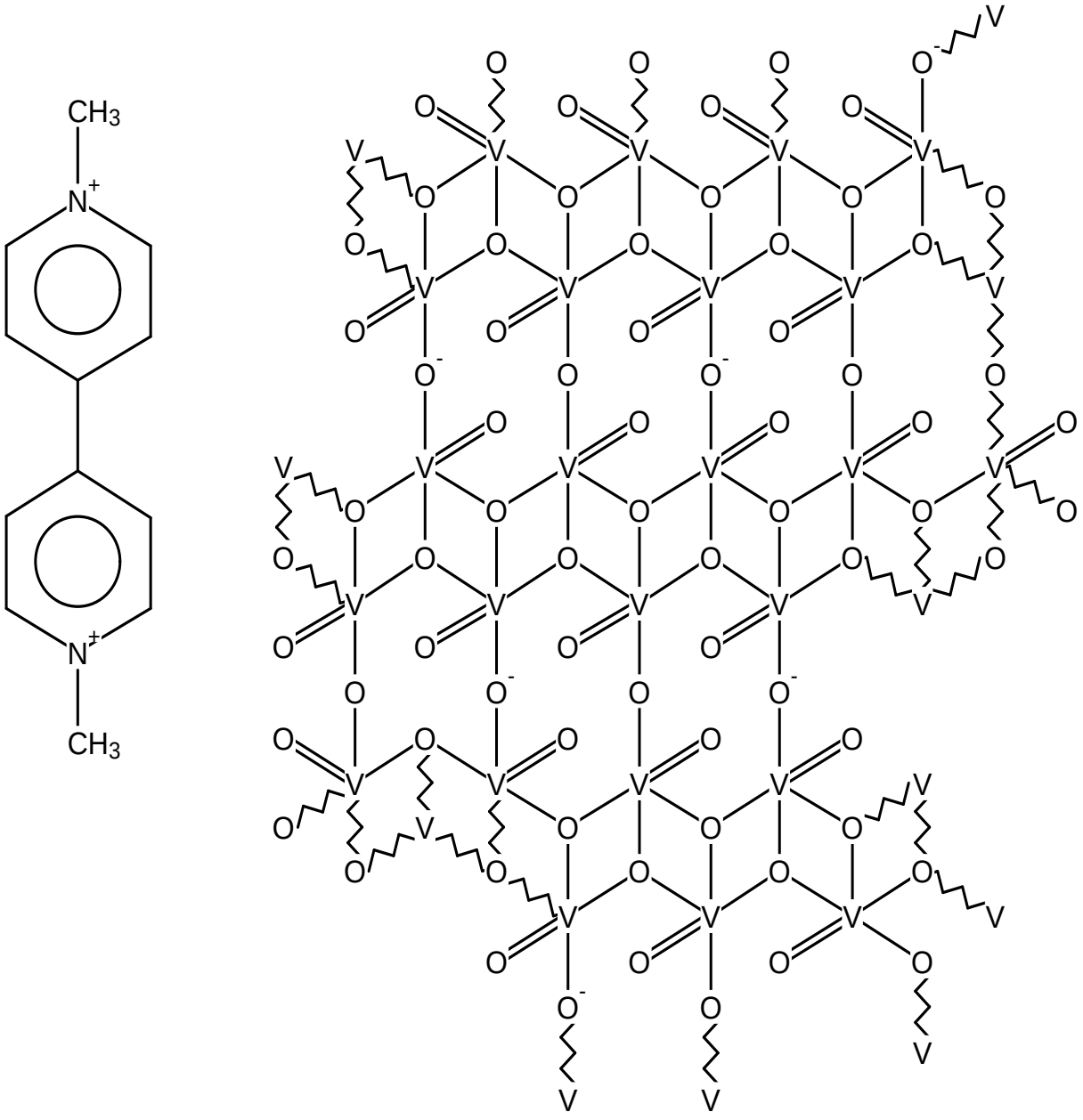
ODEFIM

Reference: A.Bose, Pingang He, C.Liu, B.D.Ellman, R.J.Twieg, Songping D.Huang (2002) *J.Am.Chem.Soc. ,***124,**4

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})3n,n(O_{60}\ V_{24}\ ^{6-})$

Compound Name: catena-[tris(N,N'-Dimethyl-4,4'-bipyridinium) tetracosakis(μ_3-oxo)-dodecakis(μ_2-oxo)-tetracosa-oxo-tetracosa-vanadium(iv,v)]

Space Group:	P-1	***Cell:***	***a***	11.568(1)	***b***	13.424(1)	***c***	14.266(1)
Space Group No.:	2	***(Å,°)***	α	67.02(0)	β	72.96(0)	γ	84.40(0)
R-Factor (%):	8.77	***Temperature(K):***	293		***Density(g/cm^3):***		2.335	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1740

ODEYIG

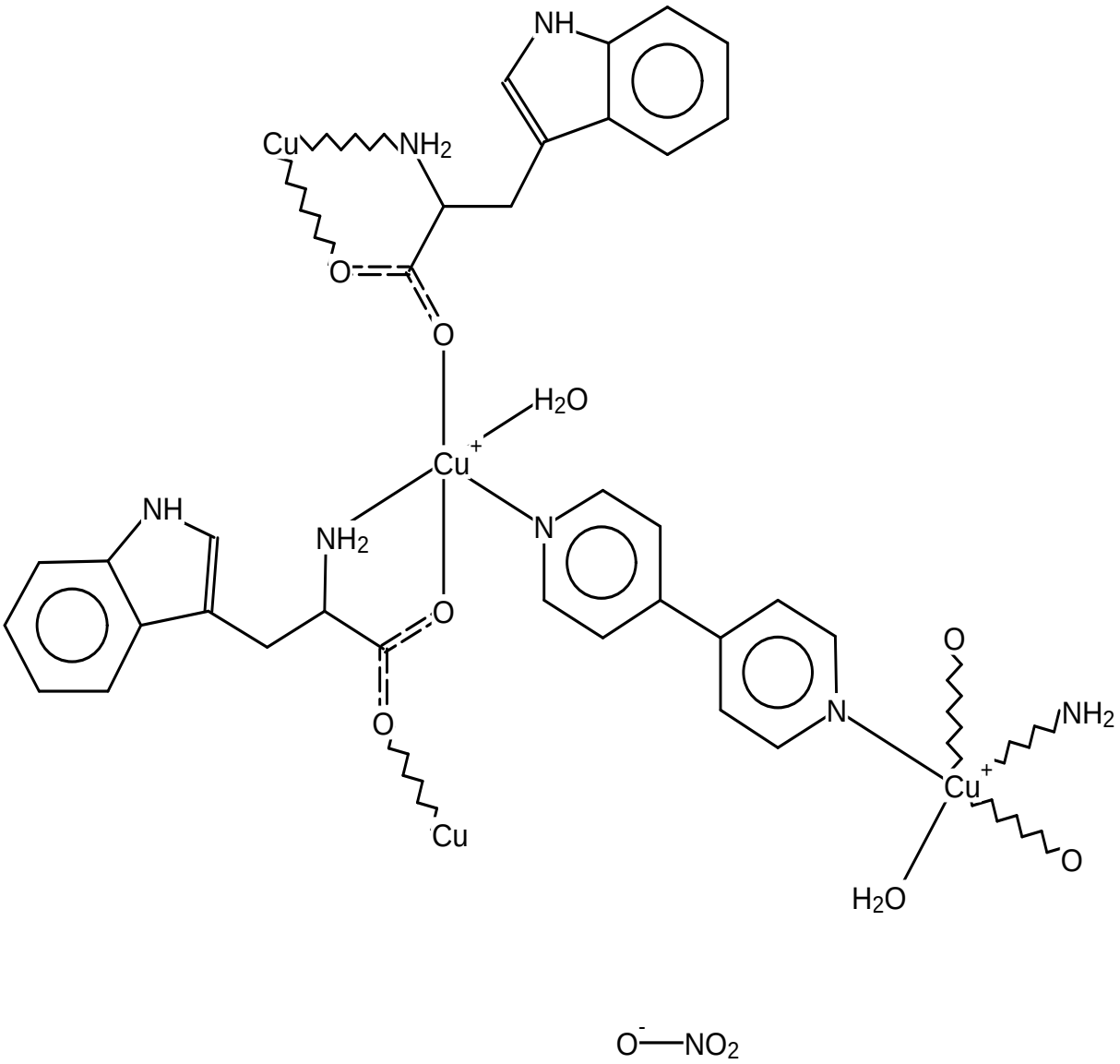
Reference: B.Wisser, Yirong Lu, C.Janiak (2007) *Z.Anorg.Allg.Chem.* , **633,**1189

Formula: $(C_{32}\ H_{34}\ Cu_2\ N_6\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-L-tryptophanato)-diaqua-di-copper(ii) dinitrate)

Space Group:	P212121	***Cell:***	***a***	9.837(1)	***b***	14.665(1)	***c***	24.263(3)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.00	***Temperature(K):***	203	***Density(g/cm^3):***	1.612



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1741

ODUPUY

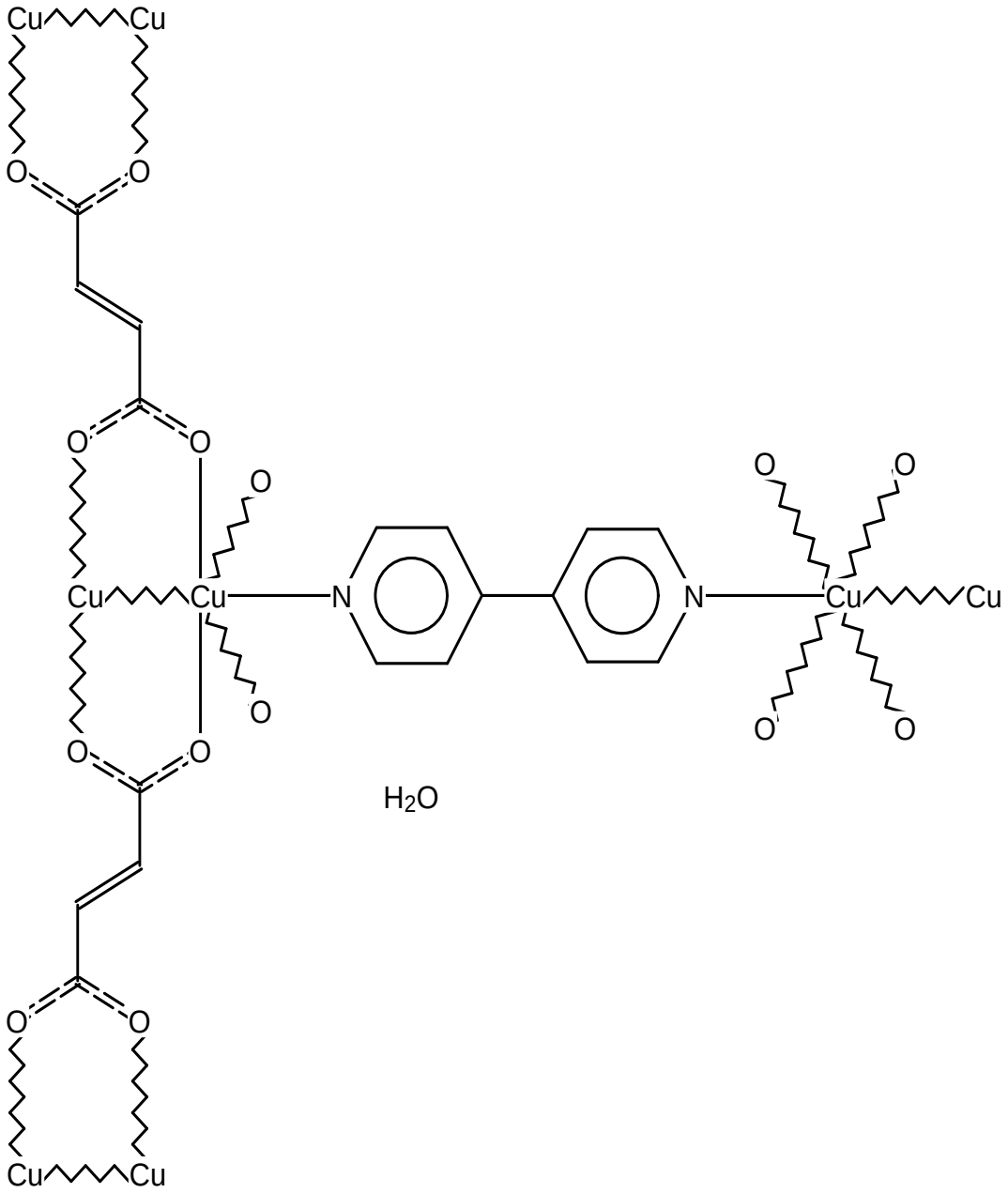
Reference: S.Dalai, P.S.Mukherjee, E.Zangrando, F.Lloret, N.R.Chaudhuri (2002) *J.Chem.Soc.,Dalton Trans.* ,822

Formula: $(C_{18}\ H_{12}\ Cu_2\ N_2\ O_8)n,0.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Fumarato)-(μ_2-4,4'-bipyridyl-N,N')-di-copper(ii) hemihydrate)

Space Group:	C2/m	***Cell:***	***a***	13.063(4)	***b*** 11.596(3)	***c***	14.022(4)
Space Group No.:	12	***(Å,°)***	α	90.00	β 104.96(2)	γ	90.00

R-Factor (%): 4.71 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.684



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1742

ODUPUY01

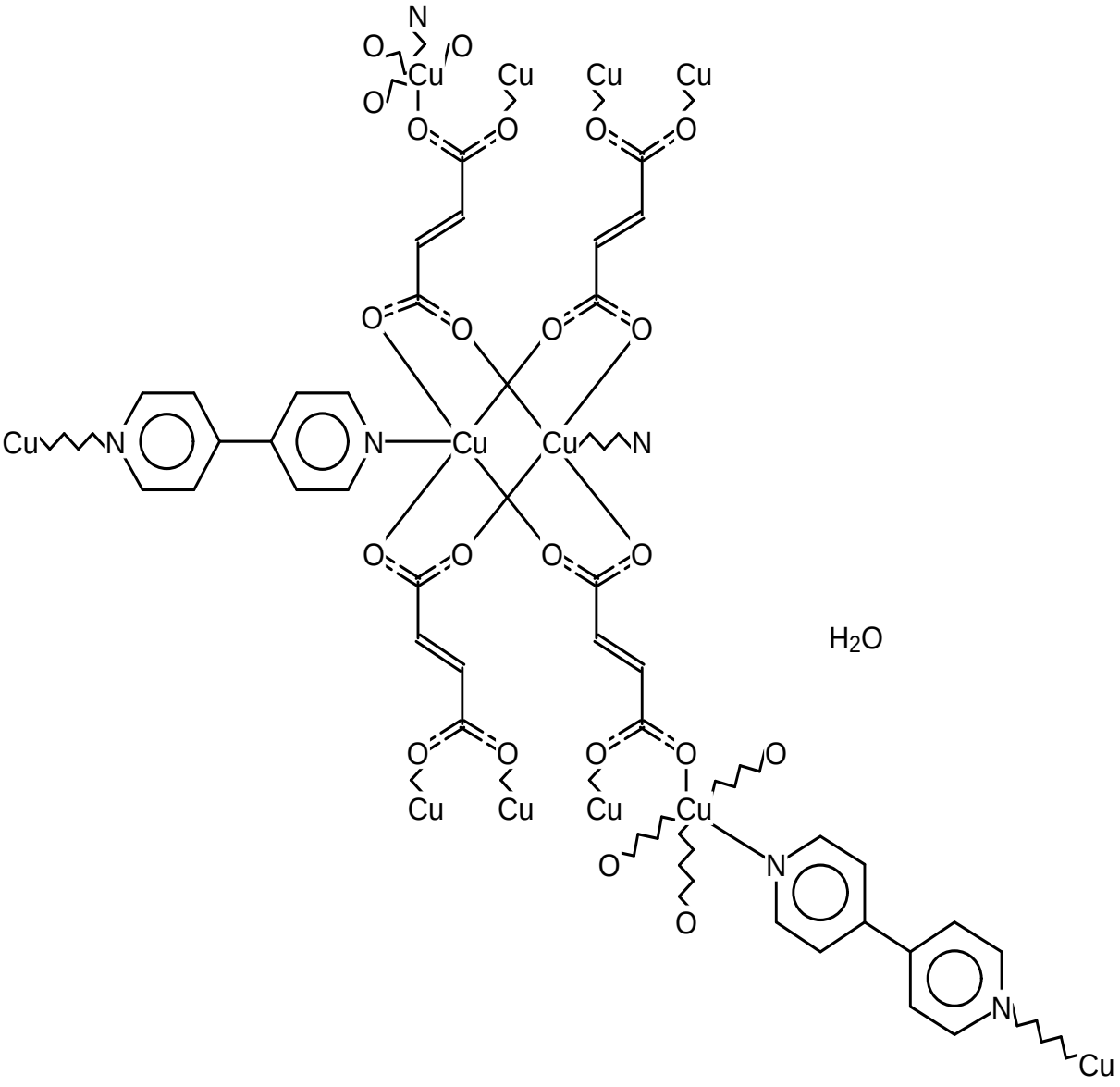
Reference: Banglin Chen, Shengqian Ma, F.Zapata, F.R.Fronczek, E.B.Lobkovsky, Hong-Cai Zhou (2007) *Inorg.Chem. ,***46,**1233

Formula: $(C_{36}\ H_{24}\ Cu_4\ N_4\ O_{16})n,n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_4-Fumarato)-bis(4,4'-bipyridine)-tetra-copper monohydrate)

Space Group:	Pnna	***Cell:***	***a***	23.275(5)	***b***	12.580(3)	***c***	14.073(3)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.70 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.678



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1743

OFEGAH

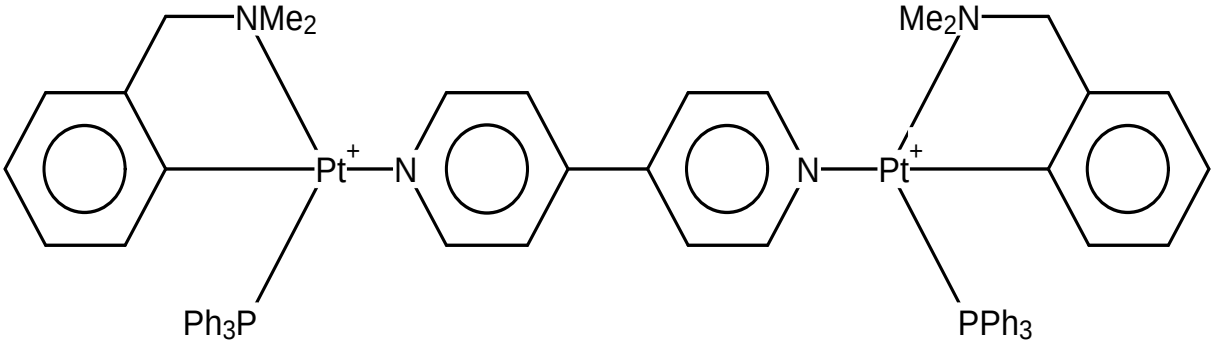
Reference: M.D.Meijer, E.de Wolf, M.Lutz, A.L.Spek, G.P.M.van Klink, G.van Koten (2001) *Organometallics* ,**20,**4198

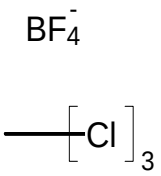
Formula: $C_{64}\ H_{62}\ N_4\ P_2\ Pt_2\ ^{2+},2(B_1\ F_4\ ^{1-}),C_1\ H_1\ Cl_3$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2-((dimethylamino)methyl)phenyl)-bis(triphenylphosphine)-di-platinum(ii) bis(tetrafluoroborate) chloroform solvate

Space Group:	P-1	***Cell:***	***a***	9.534(0)	***b***	18.710(0)	***c***	22.090(0)
Space Group No.:	2	***(Å,°)***	α	110.19(0)	β	98.56(0)	γ	100.55(0)

R-Factor (%): 3.59 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.532





Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1744

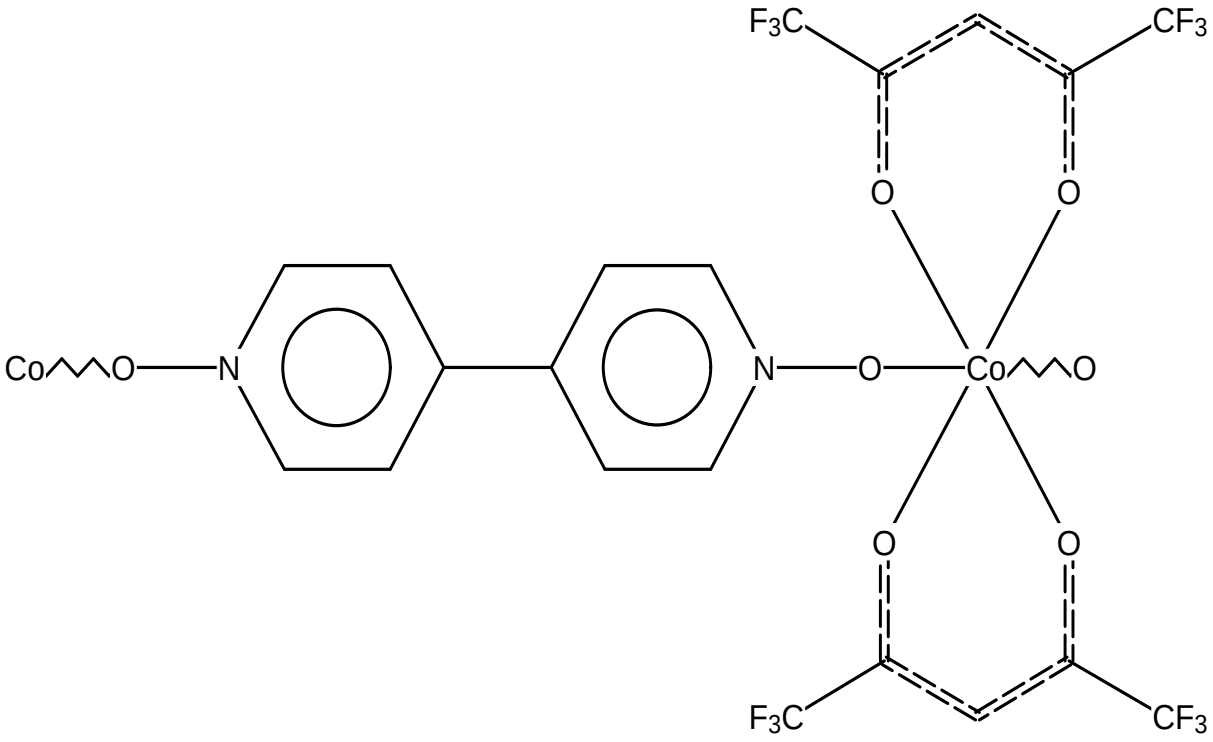
OFEJEO

Reference: M.J.Plater, M.R.St.J.Foreman, A.M.Z.Slawin (2000) *Inorg.Chim.Acta* ,**303,**132

Formula: $(C_{20}\ H_{10}\ Co_1\ F_{12}\ N_2\ O_6)n$

Compound Name: catena-(trans-(4,4'-Bipyridine-N,N'-dioxide)-bis(hexafluoroacetylacetonato)-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a***	8.763(0)	***b*** 12.465(1)	***c***	11.106(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.88(0)	γ	90.00
R-Factor (%):	4.58	***Temperature(K):***	293		***Density(g/cm^3):***		1.843



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1745

OFEJIS

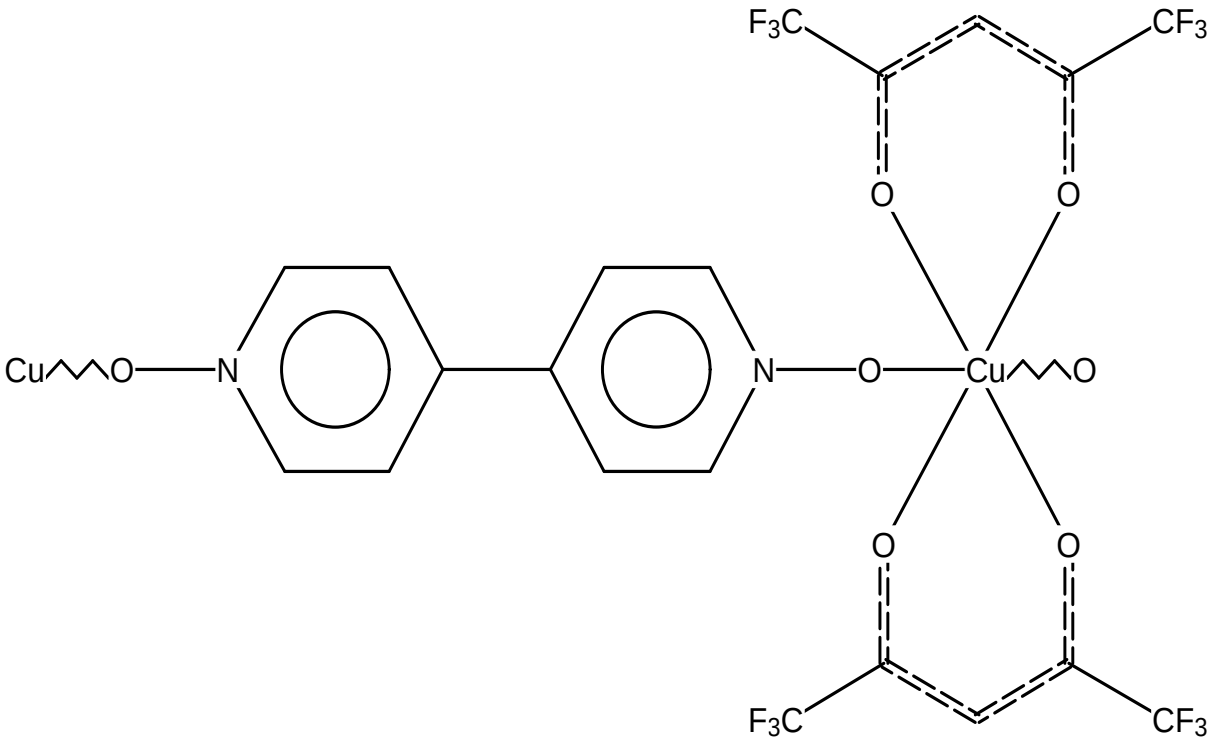
Reference: M.J.Plater, M.R.St.J.Foreman, A.M.Z.Slawin (2000) *Inorg.Chim.Acta* ,**303,**132

Formula: $(C_{20}\ H_{10}\ Cu_1\ F_{12}\ N_2\ O_6)n$

Compound Name: catena-(trans-(4,4'-Bipyridine-N,N'-dioxide)-bis(hexafluoroacetylacetonato)-copper(ii))

Space Group:	P21/c	***Cell:***	***a***	8.577(0)	***b*** 12.632(0)	***c***	11.312(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.13(0)	γ	90.00

R-Factor (%): 4.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.846



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1746

OGABOO

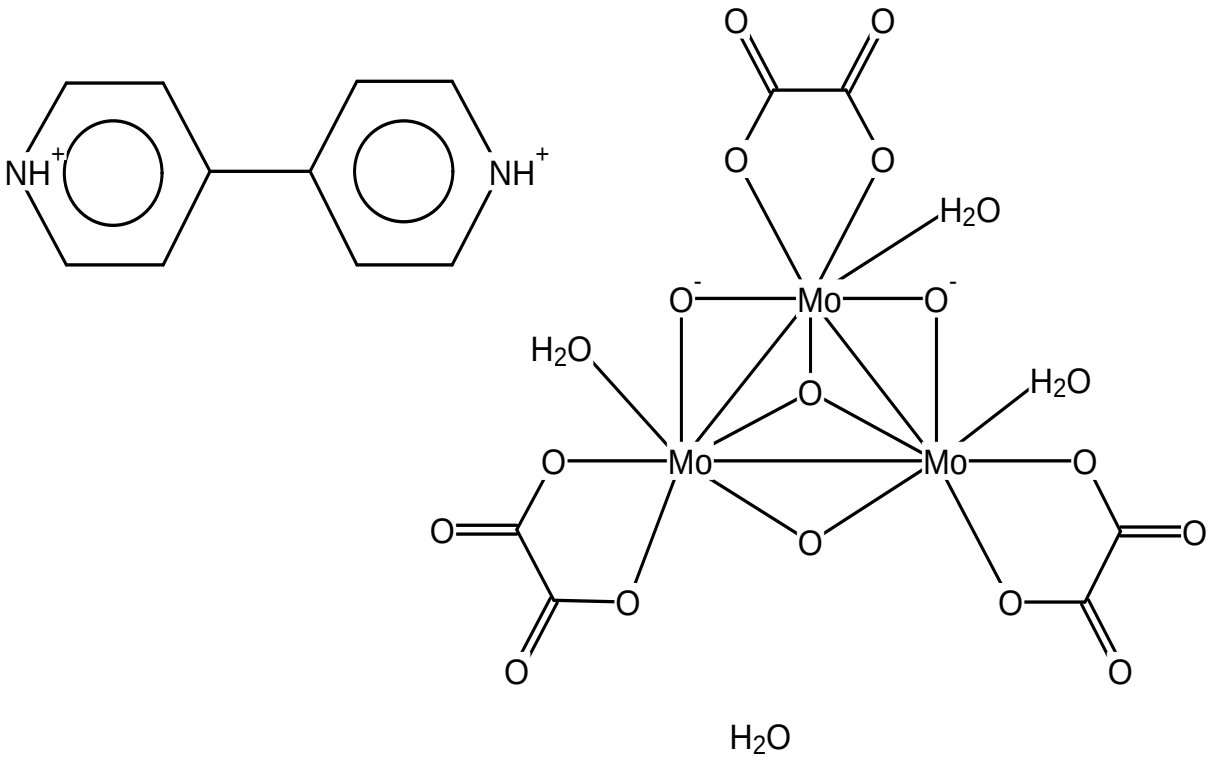
Reference: Jun Zhao, Li Xu (2008) *Inorg.Chim.Acta* ,**361,**2385

Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,$C_6\,H_6\,Mo_3\,O_{19}\,^{2-}$,2.5($H_2\,O_1$)

Compound Name: (4,4'-Bipyridinium) (μ_3-oxo)-tris((μ_2-oxo)-(oxalato-O,O')-aqua)-trimolybdenum hydrate

Space Group:	P-1	***Cell:***	***a***	8.906(0)	***b***	10.051(0)	***c*** 16.858(0)
Space Group No.:	2	***(Å,°)***	α	101.11(0)	β	97.38(0)	γ 114.70

R-Factor (%): 6.31 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.217



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1747

OGEPEV

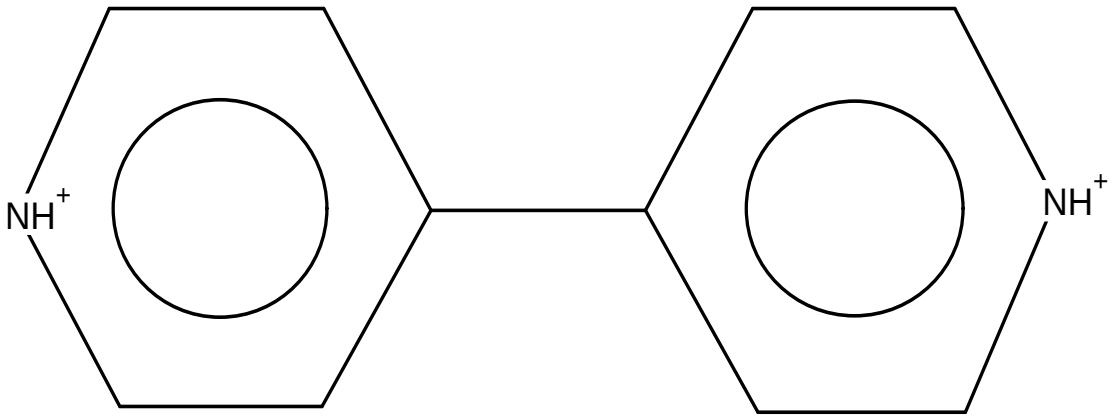
Reference: T.J.Podesta, A.G.Orpen (2002) *CrystEngComm* ,**4,**336

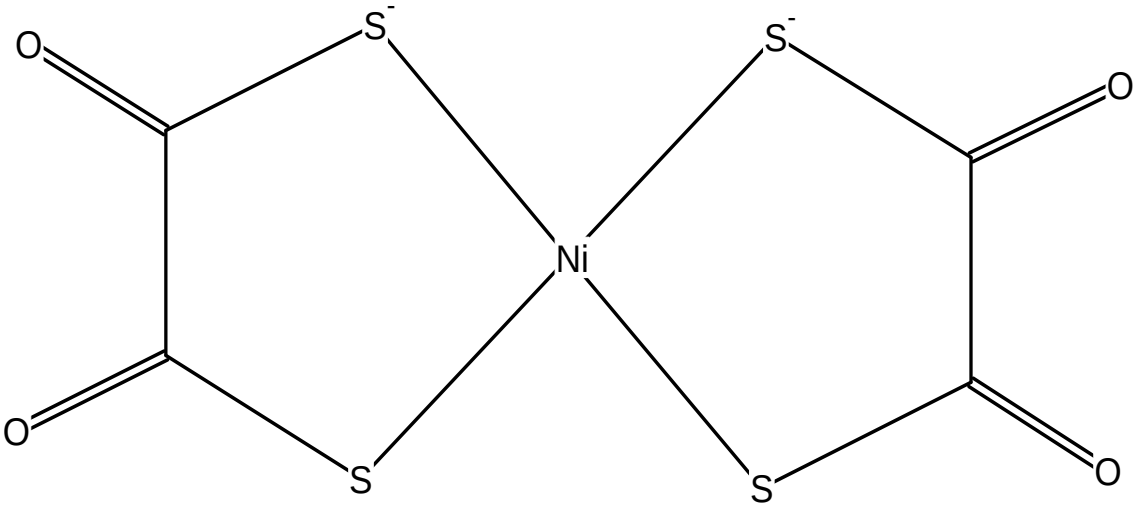
Formula: $C_4\ Ni_1\ O_4\ S_4\ ^{2-}, C_{10}\ H_{10}\ N_2\ ^{2+}$

Compound Name: 4,4-Bipyridinium bis(dithiooxalato)-nickel(ii)

Space Group:	P-1	***Cell:***	***a***	7.025(0)	***b***	8.106(0)	***c*** 8.320(0)
Space Group No.:	2	***(Å,°)***	α	76.77(0)	β	68.57(0)	γ 64.86(0)

R-Factor (%): 3.32 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.909





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1748

OGEPEV01

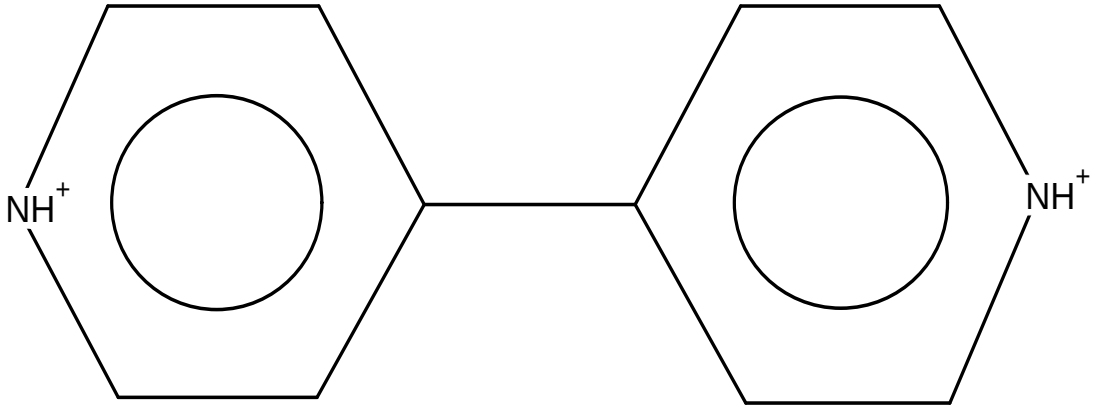
Reference: P.C.Crawford, A.L.Gillon, J.Green, A.G.Orpen, T.J.Podesta, S.V.Pritchard (2004) *CrystEngComm* ,**6,**419

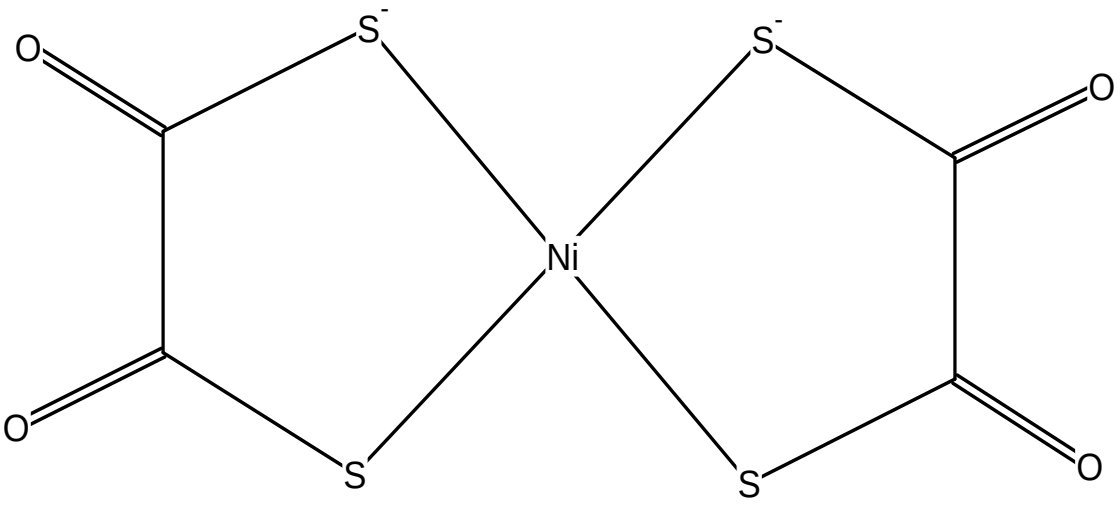
Formula: $C_4\ Ni_1\ O_4\ S_4\ ^{2-}, C_{10}\ H_{10}\ N_2\ ^{2+}$

Compound Name: 4,4'-Bipyridinium bis(dithio-oxalato)-nickel(ii)

Space Group:	P-1	***Cell:***	***a***	7.025(0)	***b***	8.106(0)	***c*** 8.320(0)
Space Group No.:	2	***(Å,°)***	α	76.77(0)	β	68.57(0)	γ 64.86(0)

R-Factor (%):	3.32	***Temperature(K):***	150	***Density(g/cm^3):***	1.909





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1749

OGEPEV02

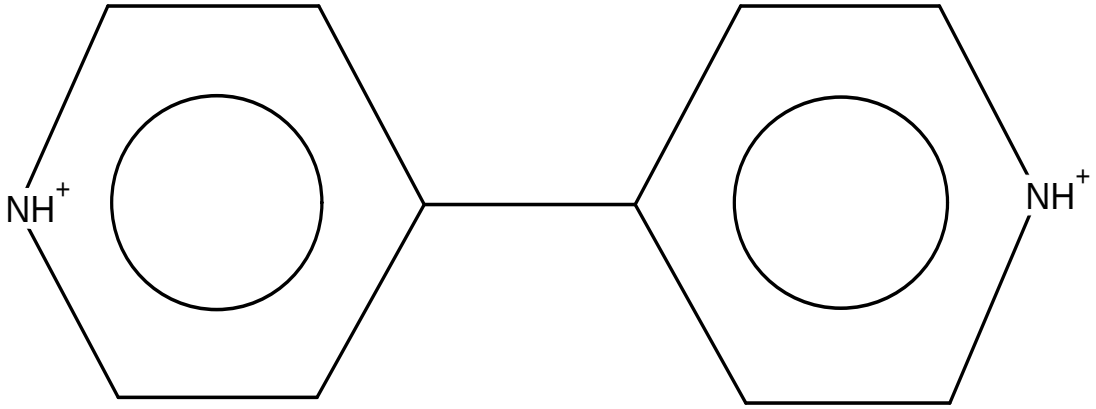
Reference: C.J.Adams, P.C.Crawford, A.G.Orpen, T.J.Podesta (2006) *Dalton Trans.* ,4078

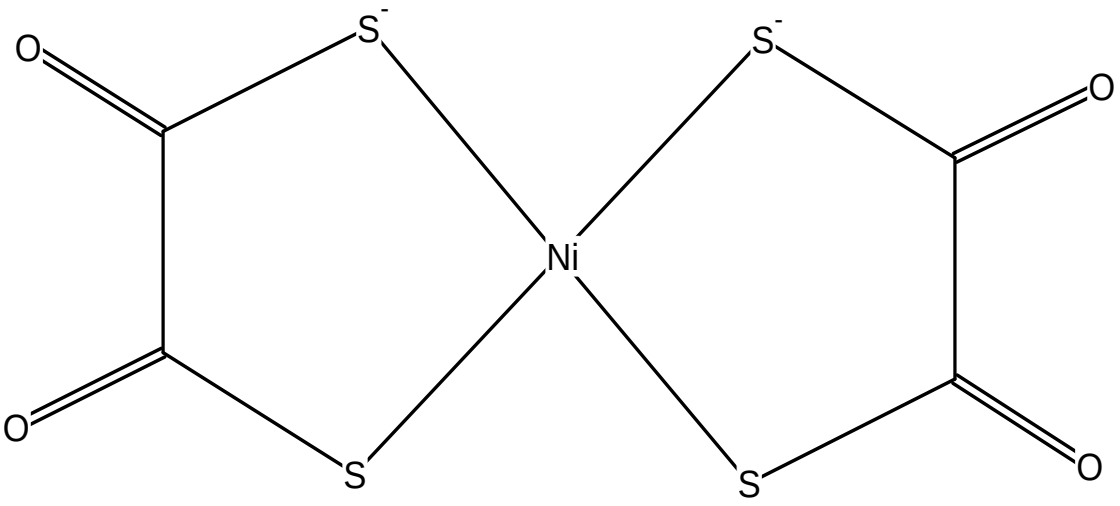
Formula: $C_4\ Ni_1\ O_4\ S_4\ ^{2-}, C_{10}\ H_{10}\ N_2\ ^{2+}$

Compound Name: 4,4'-Bipyridinium bis(dithio-oxalato)-nickel(ii)

Space Group:	P-1	***Cell:***	***a***	7.025(0)	***b***	8.106(0)	***c*** 8.320(0)
Space Group No.:	2	***(Å,°)***	α	76.77(0)	β	68.57(0)	γ 64.86(0)

R-Factor (%):	3.32	***Temperature(K):***	150	***Density(g/cm^3):***	1.909





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1750

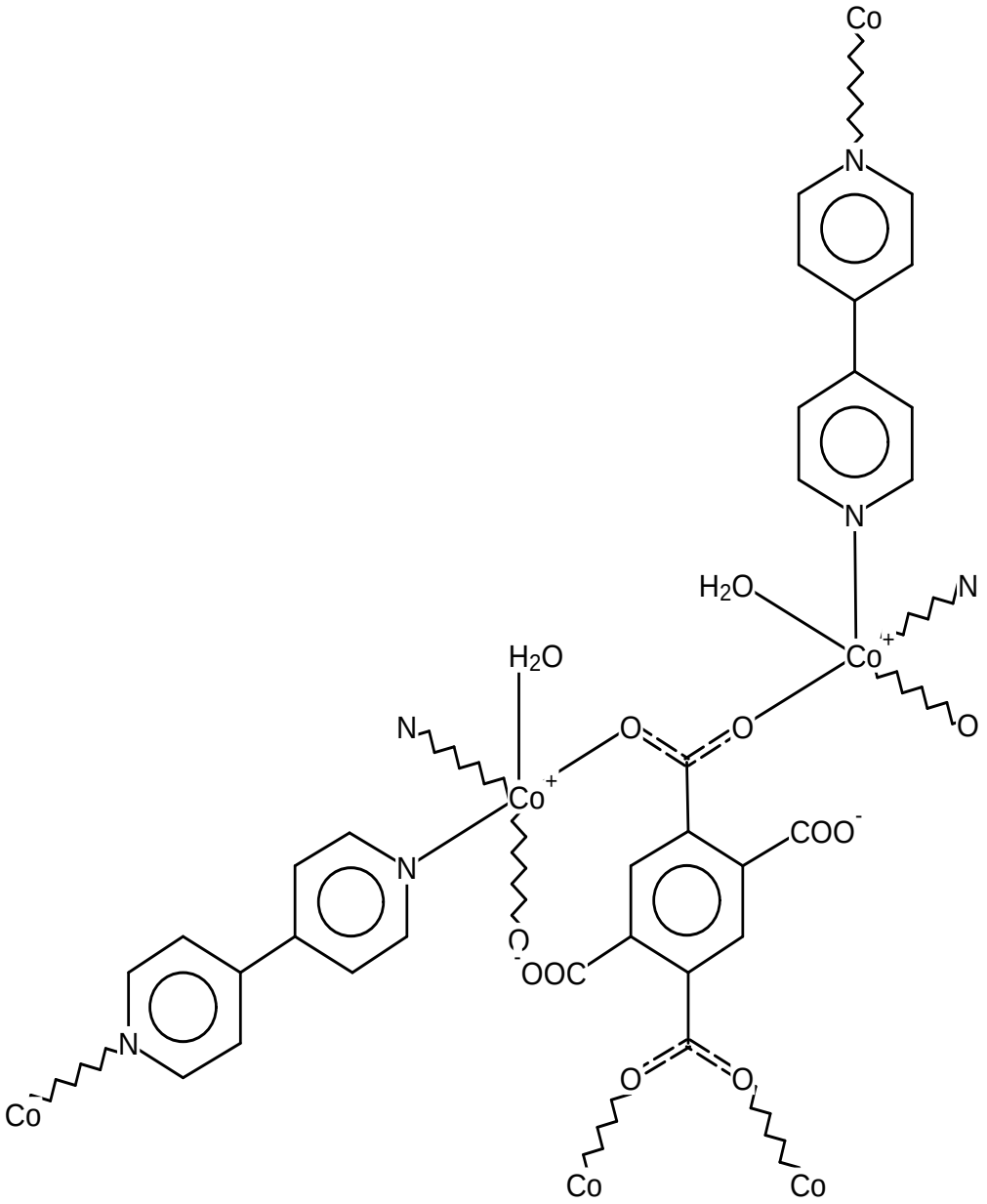
OGIHAO

Reference: O.Fabelo, J.Pasan, L.Canadillas-Delgado, F.S.Delgado, C.Yuste, F.Lloret, M.Julve, C.Ruiz-Perez (2009) *CrystEngComm* ,**11,** 2169

Formula: $(C_{30}\ H_{22}\ Co_2\ N_4\ O_{10})n$

Compound Name: catena-((μ_4-Benzene-1,2,4,5-tetracarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-cobalt)

Space Group:	P-1	***Cell:***	***a***	8.089(1)	***b***	9.403(0)	***c*** 10.121(1)
Space Group No.:	2	***(Å,°)***	α	114.70(1)	β	103.19(0)	γ 101.47(0)
R-Factor (%):	5.40	***Temperature(K):***	293	***Density(g/cm^3):***	1.852		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1751

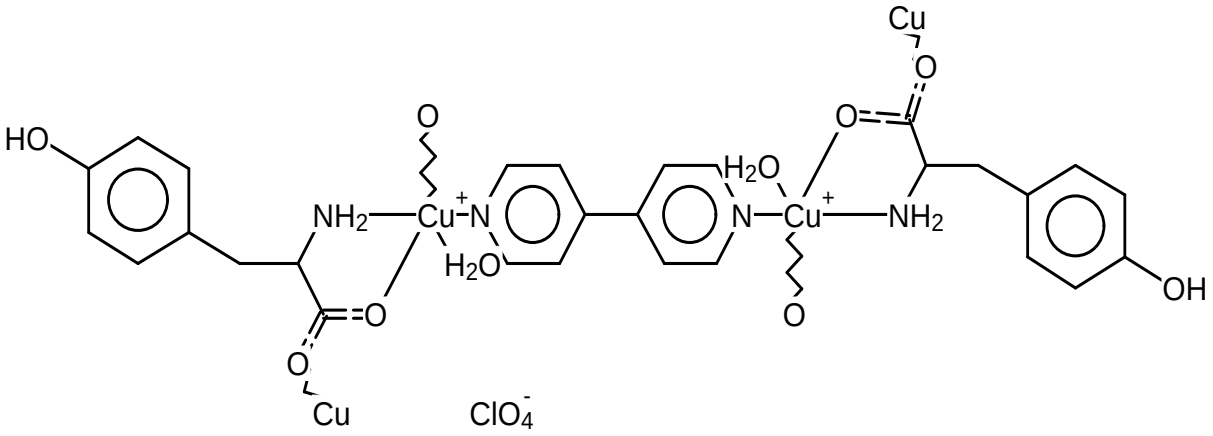
OGOBER

Reference: Jiabao Weng, Maochun Hong, Qian Shi, Rong Cao, A.S.C.Chan (2002) *Eur.J.Inorg.Chem. ,*2553

Formula: $(C_{28}\ H_{32}\ Cu_2\ N_4\ O_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-($(\mu_2$-4,4'-bipyridyl)-bis(μ_2-tyrosinato)-diaqua-di-copper(ii) diperchlorate)

Space Group:	P21	***Cell:***	***a***	8.434(0)	***b***	10.103(0)	***c*** 20.944(1)
Space Group No.:	4	***(Å,°)***	α	90.00	β	97.45(0)	γ 90.00
R-Factor (%):	7.82	***Temperature(K):***	293		***Density(g/cm^3):***		1.649



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1752

OGOWAJ

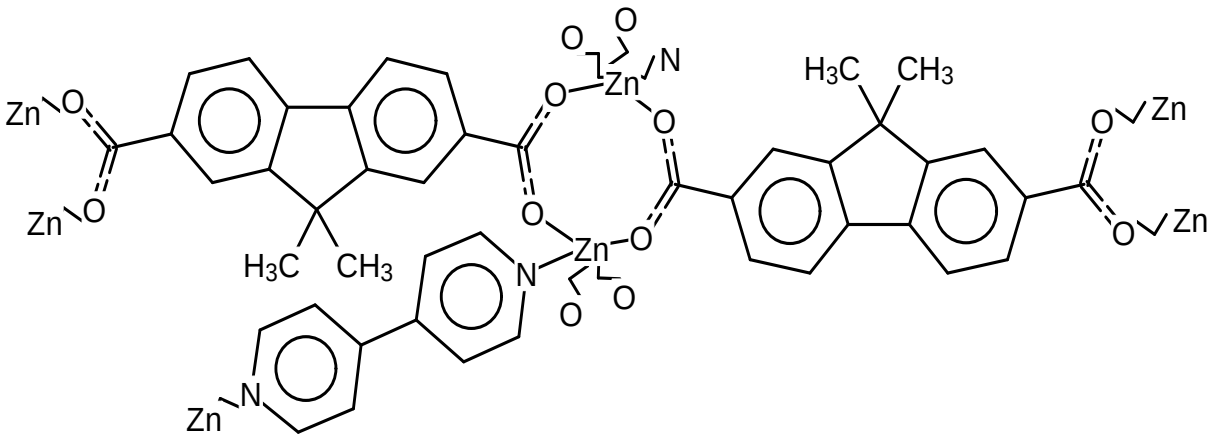
Reference: Hua-Dong Guo, Dong-Fang Qiu, Xian-Min Guo, Guo-Li Zheng, Xiao Wang, Song Dang, Hong-Jie Zhang (2009) *CrystEngComm* ,**11,**2425

Formula: $(C_{44}\ H_{32}\ N_2\ O_8\ Zn_2)n,n(H_2\ O_1),n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(bis(μ_4-9,9-Dimethylfluorene-2,7-dicarboxylato)-(μ_2-4,4'-bipyridine-N,N')-di-zinc dimethylformamide solvate monohydrate)

Space Group:	C2/c	***Cell:***	***a***	33.894(5)	***b*** 21.734(5)	***c***	20.420(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 124.57(0)	γ	90.00

R-Factor (%): 8.21 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.007



$OHC{-}NMe_2$ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1753

OGUNIO

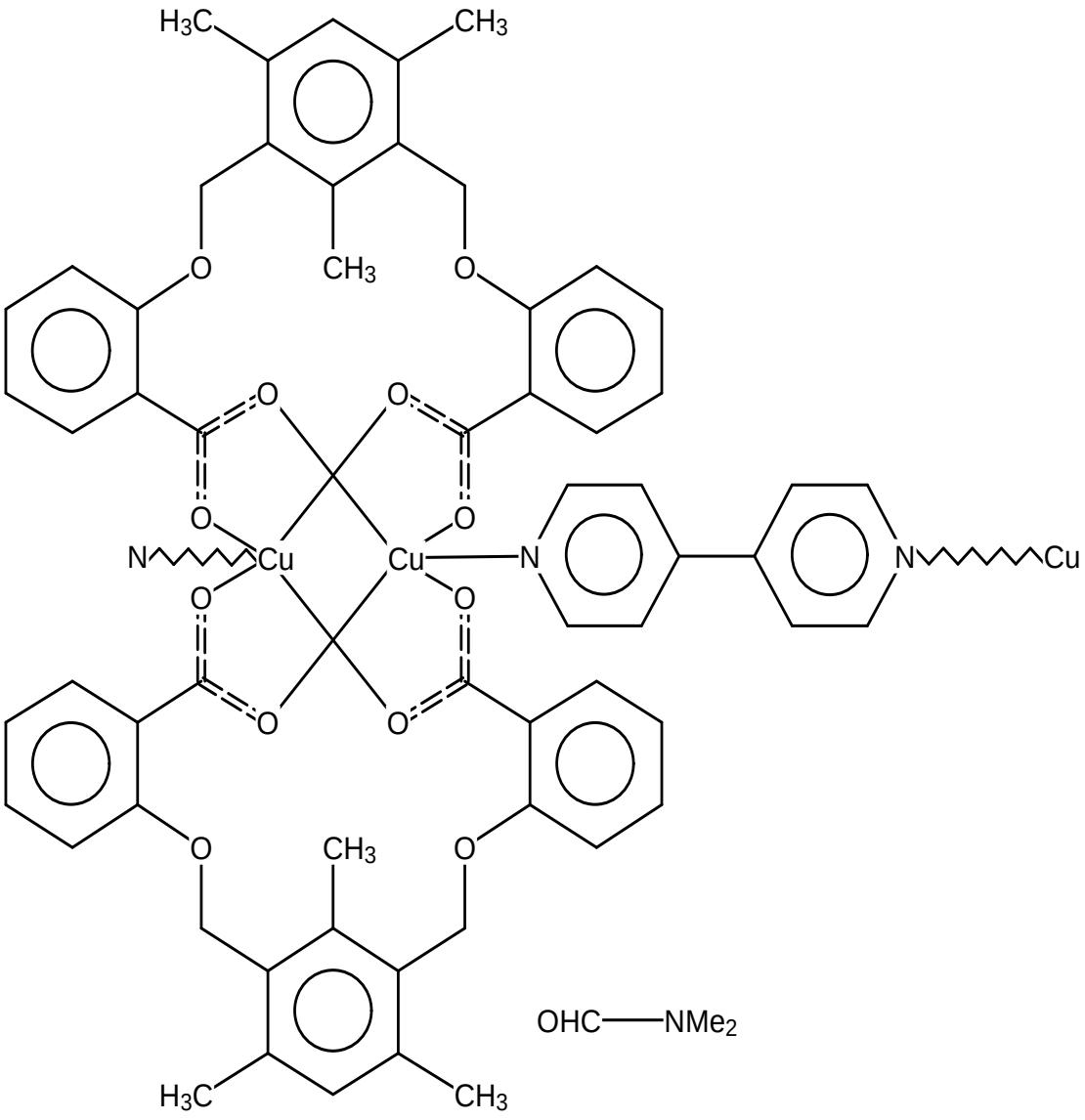
Reference: Fangna Dai, Haiyan He, Dongliang Gao, Fei Ye, Xiaoliang Qiu, Daofeng Sun (2009) *CrystEngComm ,***11,**2516

Formula: $(C_{60}\ H_{52}\ Cu_2\ N_2\ O_{12})n,4n(C_3\ H_7\ N_1\ O_1),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-2,4-bis((2'-Carboxyphenoxy)methyl)-1,3,5-trimethylbenzene)-(μ_2-4,4'-bipyridine-N,N')-di-copper dimethylformamide solvate dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.568(2)	***b*** 14.124(3)	***c*** 14.562(5)
Space Group No.:	2	***(Å,°)***	α 112.00(0)	β 96.90(0)	γ 111.30(0)

R-Factor (%): 5.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.341



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1754

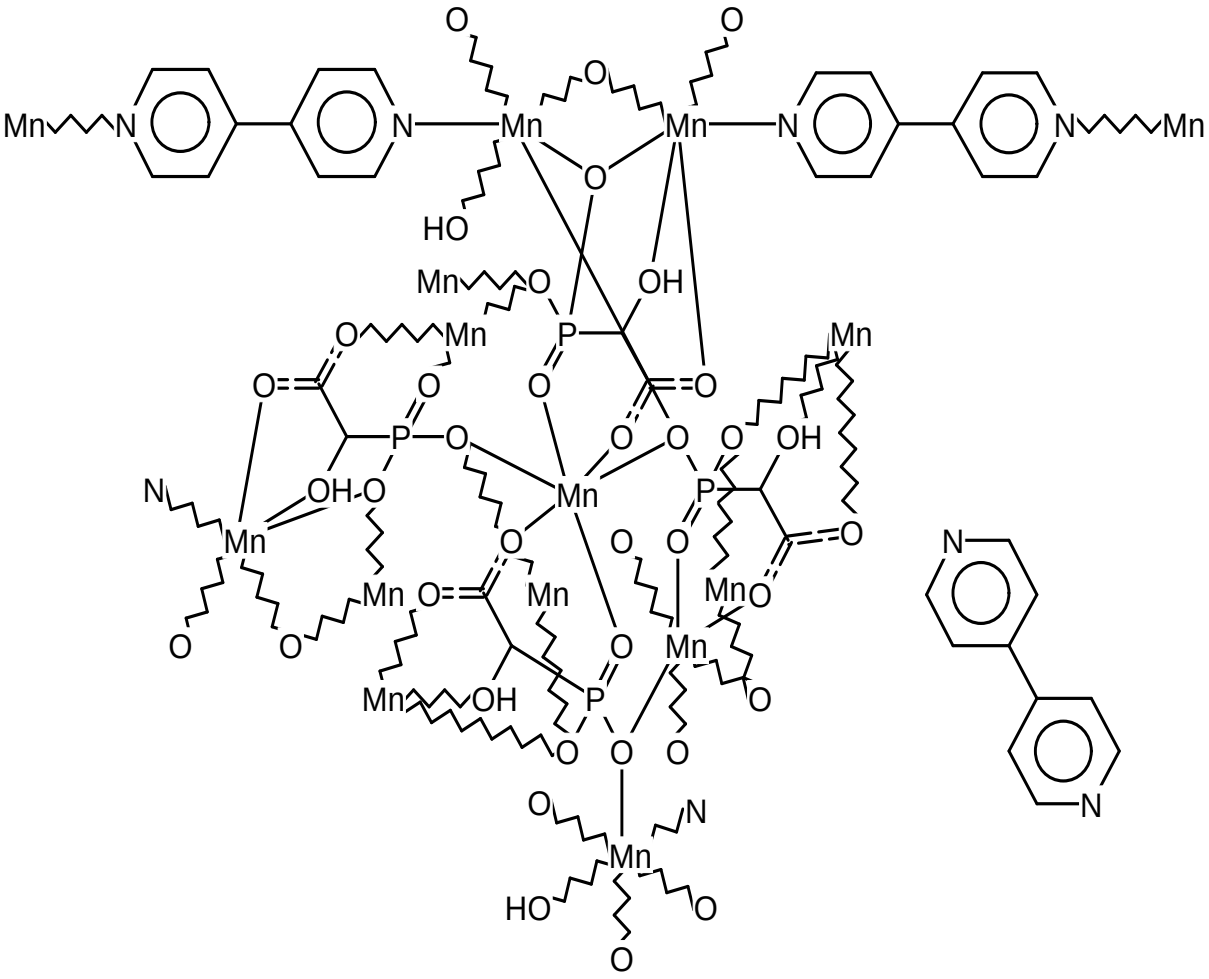
OHASUM

Reference: Rubiao Fu, Shengmin Hu, Xintao Wu (2009)
Dalton Trans. ,9843

Formula: $(C_{28}\ H_{24}\ Mn_6\ N_4\ O_{24}\ P_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_5-Hydroxy(phosphonato)acetato)-bis(μ_2-4,4'-bipyridine)-hexa-manganese(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	8.652(3)	***b***	10.293(3)	***c*** 14.164(4)
Space Group No.:	2	***(Å,°)***	α	106.84(0)	β	97.86(0)	γ 100.58(0)
R-Factor (%):	3.00	***Temperature(K):***	293	***Density(g/cm^3):***	2.015		


Mn
N
O
HO
OH
P
OH-O
N
Mn
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1755

OHATAT

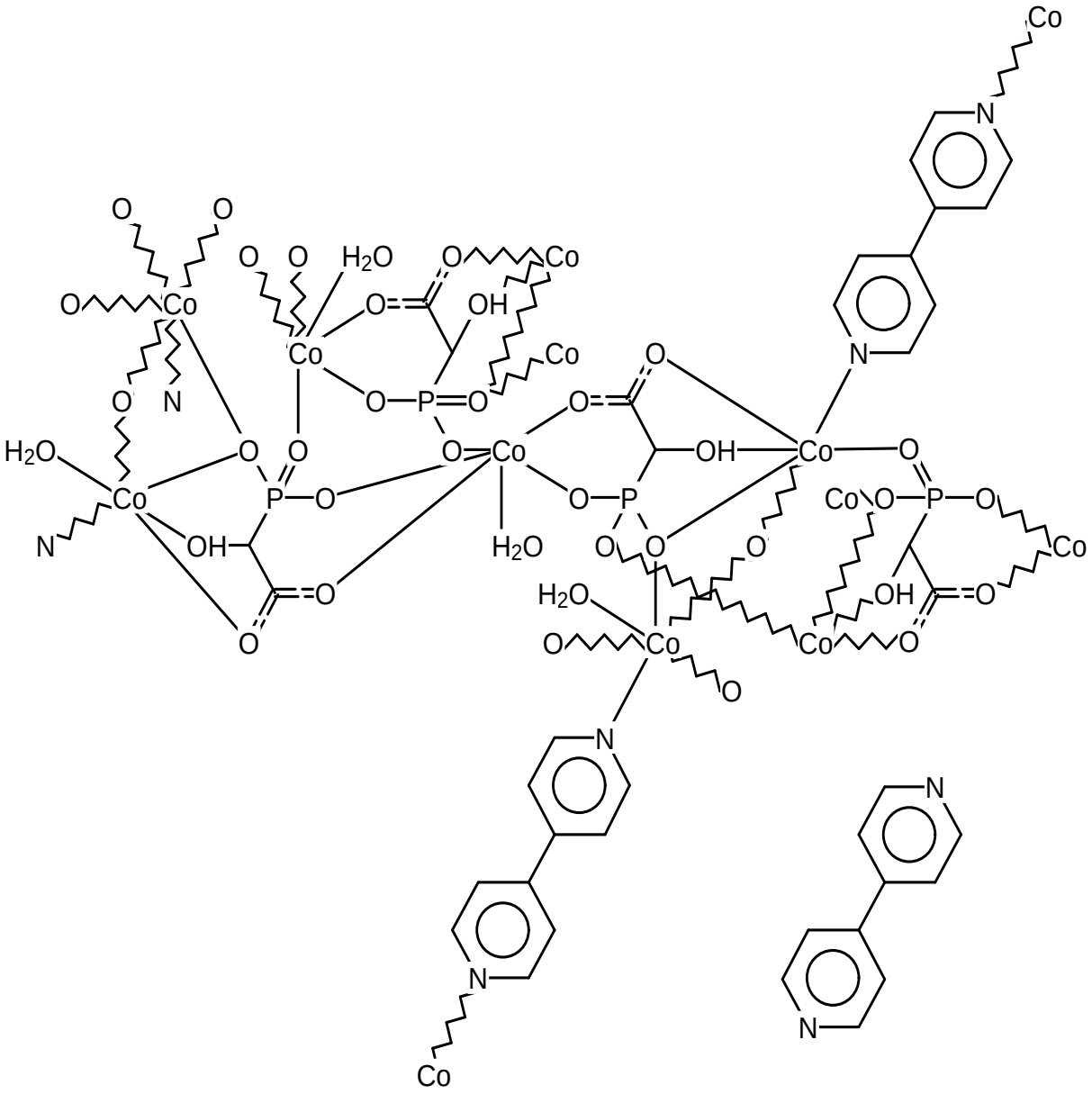
Reference: Rubiao Fu, Shengmin Hu, Xintao Wu (2009)
Dalton Trans. ,9843

Formula: $(C_{28}\ H_{32}\ Co_6\ N_4\ O_{28}\ P_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_4-Hydroxy(phosphonato)acetato)-bis(μ_2-4,4'-bipyridine)-tetraaqua-hexa-cobalt(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	9.973(1)	***b*** 10.537(1)	***c***	14.118(1)
Space Group No.:	2	***(Å,°)***	α	90.48(0)	β 109.92(0)	γ	98.60(0)

R-Factor (%):	5.18	***Temperature(K):***	293	***Density(g/cm^3):***	1.817



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1756

OHERAV

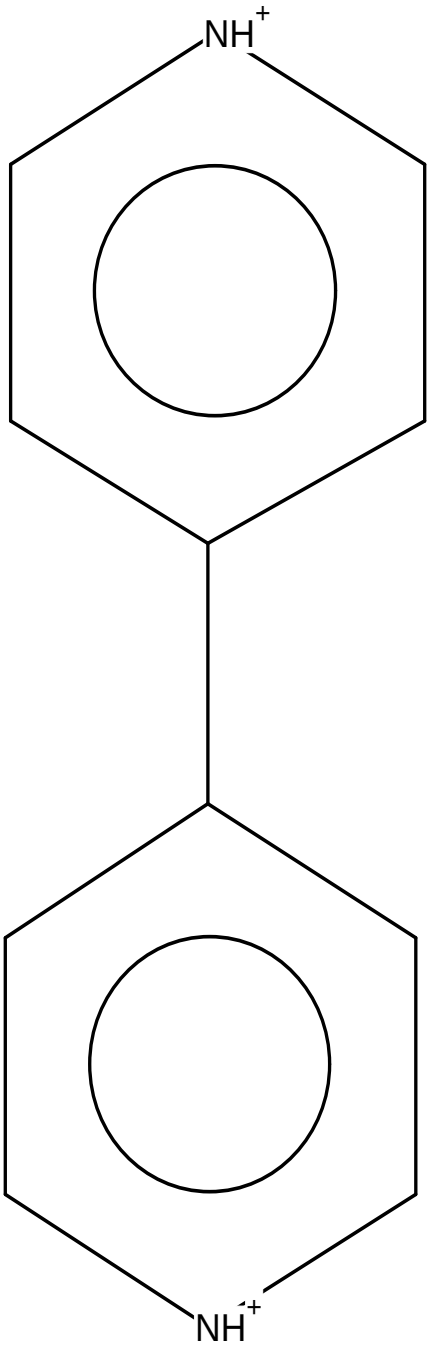
Reference: N.P.Deifel, C.L.Cahill (2009) *CrystEngComm* ,**11,**2739

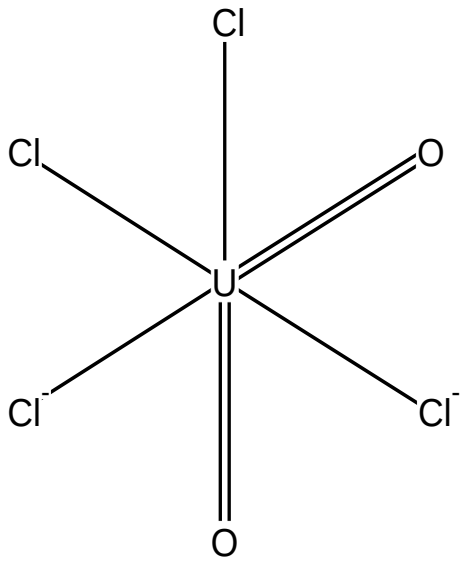
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+},Cl_4\ O_2\ U_1\ ^{2-}$

Compound Name: 4,4'-bipyridine-1,1'-diium tetrachloro-dioxo-uranium(vi)

Space Group:	P-1	***Cell:***	***a***	5.567(0)	***b***	8.572(1)	***c***	8.839(1)
Space Group No.:	2	***(Å,°)***	α	71.14(0)	β	73.08(0)	γ	86.53(0)

R-Factor (%):	2.60	***Temperature(K):***	298	***Density(g/cm^3):***	2.480





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1757

OHORAF

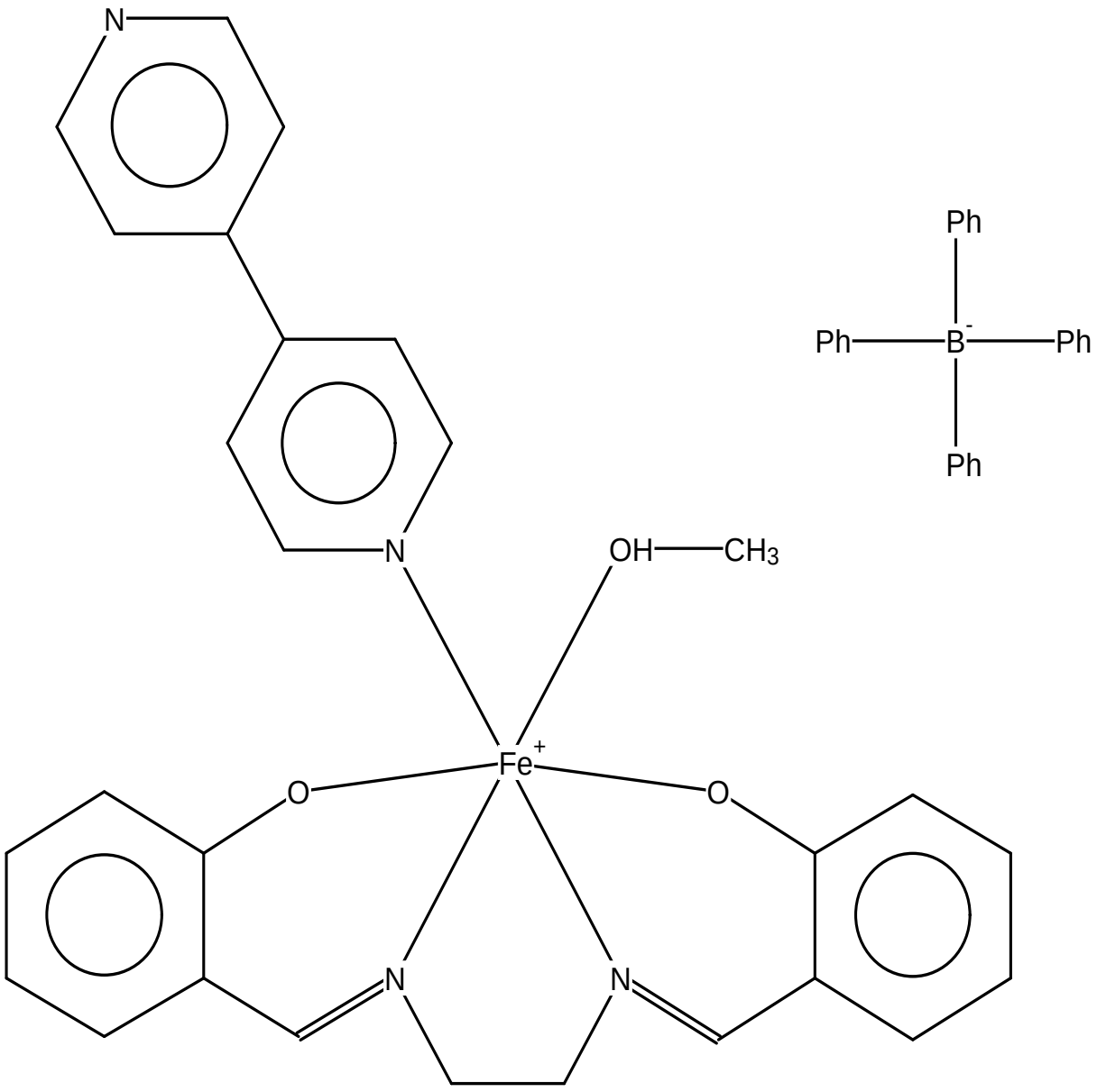
Reference: T.M.Ross, S.M.Neville, D.S.Innes, D.R.Turner, B.Moubaraki, K.S.Murray (2010) *Dalton Trans.* ,**39,**149

Formula: $C_{27}\ H_{26}\ Fe_1\ N_4\ O_3\ ^{1+}$,$C_{24}\ H_{20}\ B_1\ ^{1-}$

Compound Name: (4,4'-bipyridine)-(methanol)-(N,N'-bis(salicylidene)ethylenediamine)-iron(iii) tetraphenylborate

Space Group:	Pbca	***Cell:***	***a***	13.212(0)	***b***	25.553(1)	***c*** 25.668(1)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.25 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.272



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1758

OHUFOM

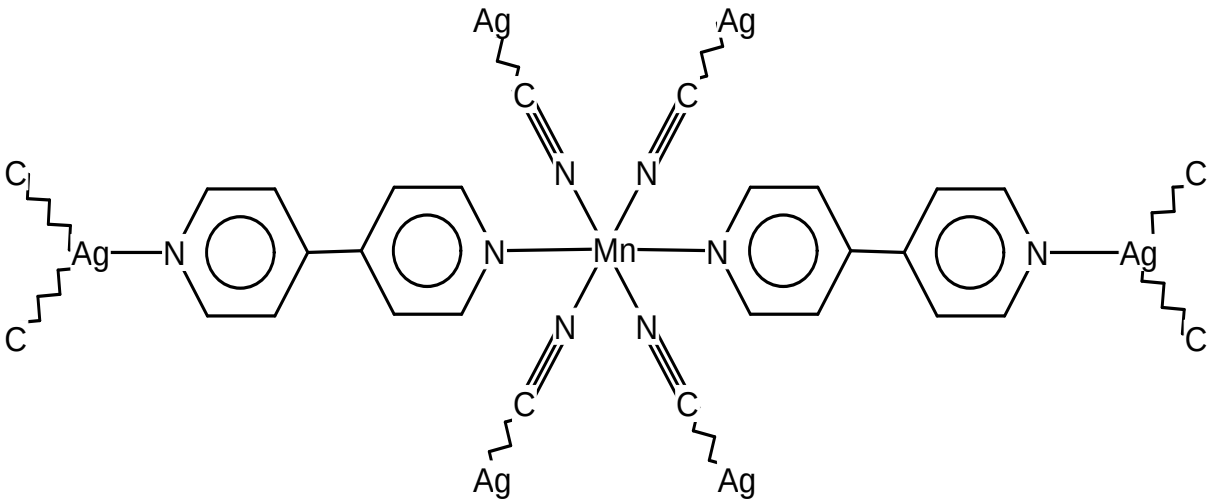
Reference: Wen Dong, Qing-Lun Wang, Shu-Feng Si, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan, Peng Cheng (2003) *Inorg.Chem.Commun.* ,**6,**873

Formula: $(C_{24}\ H_{16}\ Ag_2\ Mn_1\ N_8)n$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-tetrakis(μ_2-cyano)-di-silver(i)-manganese(ii))

Space Group:	P21/n	***Cell:***	***a***	8.751(3)	***b*** 11.579(4)	***c***	12.961(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.71(0)	γ	90.00

R-Factor (%): 2.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.789



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1759

OHUWOD

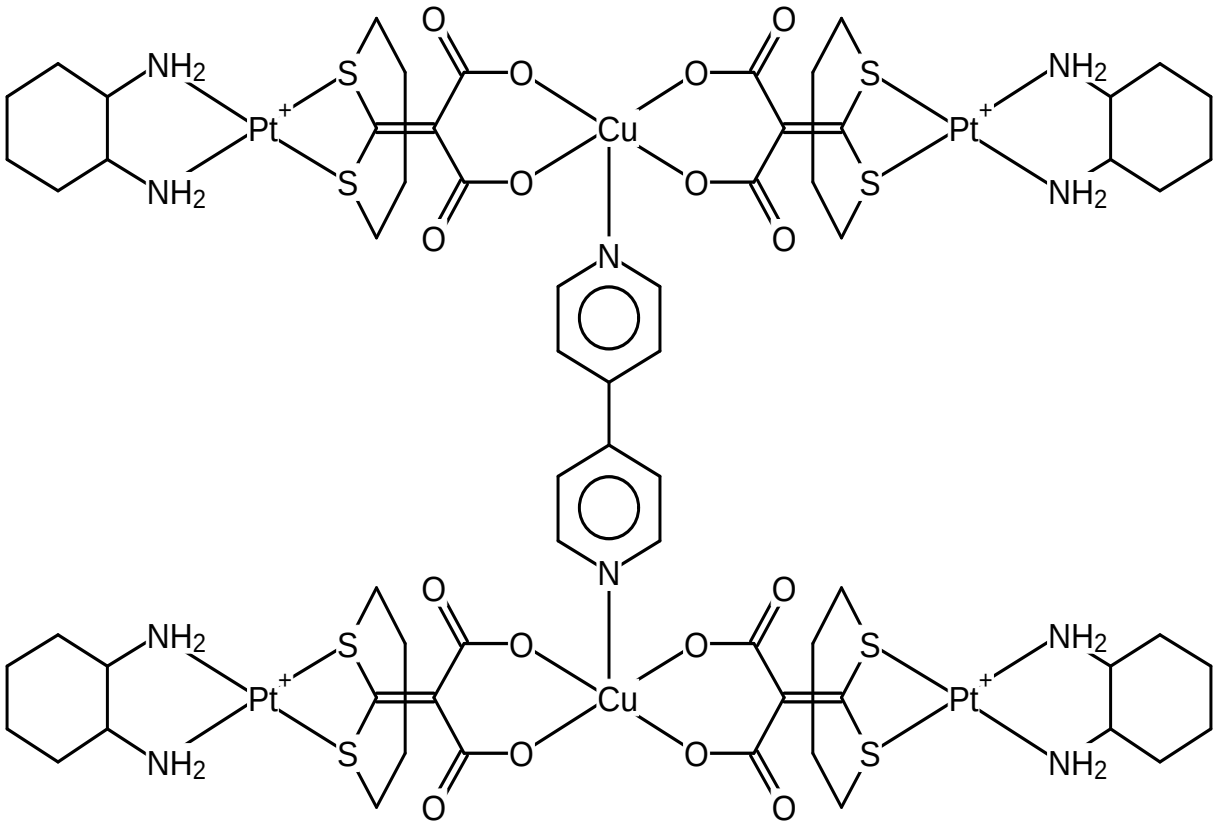
Reference: Ki-Hyan Kim, R.Song, Kwan Mook Kim (2003)
*J.Am.Chem.Soc. ,***125,**7170

Formula: $C_{66}\ H_{96}\ Cu_2\ N_{10}\ O_{16}\ Pt_4\ S_8\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_1\ H_4\ O_1$),0.5($H_2\ O_1$)

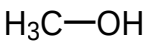
Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(μ_2-1,3-dithiepan-2-ylidenemalonato)-tetrakis(trans-1,2-diaminocyclohexane)-di-copper(ii)-tetra-platinum(ii) tetrakis(trifluoromethanesulfonate) methanol solvate hemihydrate

Space Group:	C2/c	***Cell:***	***a***	34.419(9)	***b*** 15.989(3)	***c***	26.712(4)
Space Group No.:	15	***(Å,°)***	α	90.00(1)	β 108.48(1)	γ	90.00(1)

R-Factor (%): 7.86 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.486









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1760

OJECEM

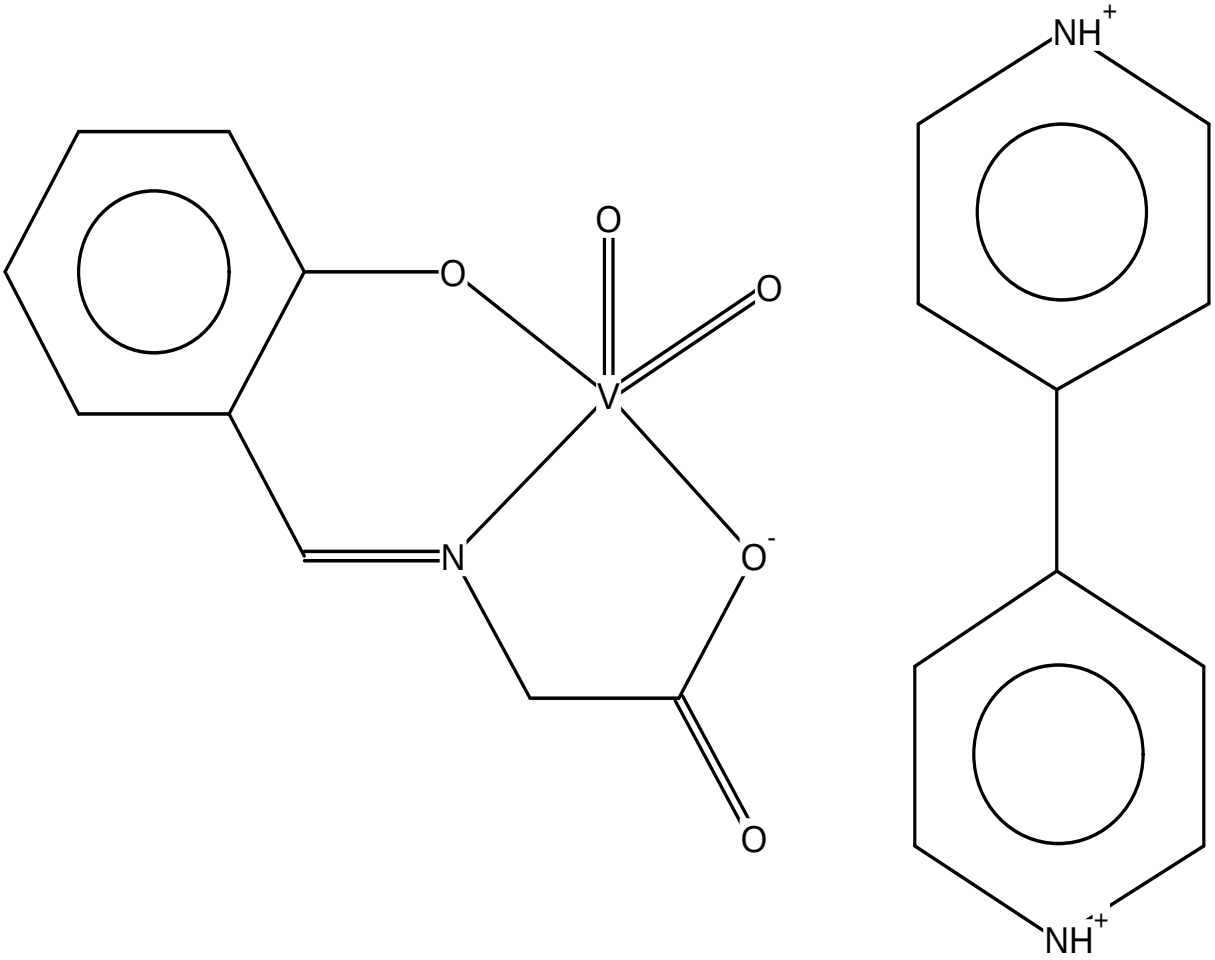
Reference: Hai-Yan Zhao, Yong-Heng Xing, Yun-Zhu Cao, Zhang-Peng Li, Dong-Ming Wei, Xiao-Qing Zeng, Mao-Fa Ge (2009) *J.Mol.Struct. ,***938,**54

Formula: $C_9 H_7 N_1 O_5 V_1 ^{1-}$,0.5($C_{10} H_{10} N_2 ^{2+}$)

Compound Name: (N-(2-(oxy)benzylidene)glycinato)-dioxo-vanadium(v) hemikis(4,4'-bipyridinium)

Space Group:	P21/c	***Cell:***	***a***	11.406(2)	***b***	10.022(2)	***c***	11.760(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.97(3)	γ	90.00

R-Factor (%): 3.52 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.676



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1761

OJOQAF

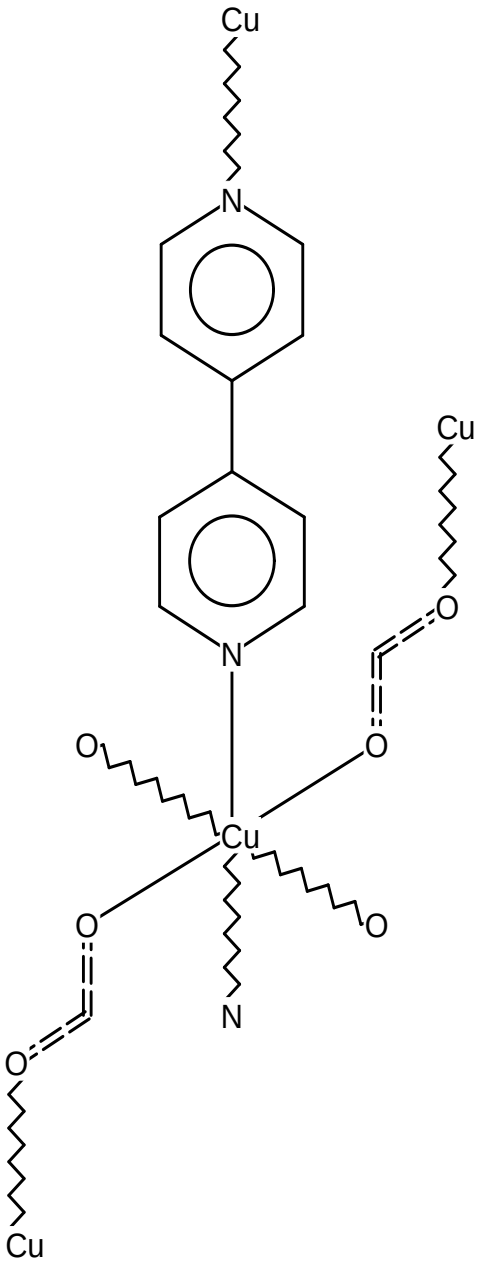
Reference: J.L.Manson, J.G.Lecher, Jiyeong Gu, U.Geiser, J.A.Schlueter, R.Henning, Xiaoping Wang, A.J.Schultz, Hyun-Joo Koo, Myung-Hwan Whangbo (2003) *Dalton Trans. ,*2905

Formula: $(C_{12}\ H_{10}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-(bis(μ_2-Formato-O,O')-(μ_2-4,4'-bipyridyl-N,N')-copper(ii))

Space Group:	P41212	***Cell:***	***a***	7.853(0)	***b***	7.853(0)	***c***	18.480(0)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.28 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.805



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1762

OJOQAF01

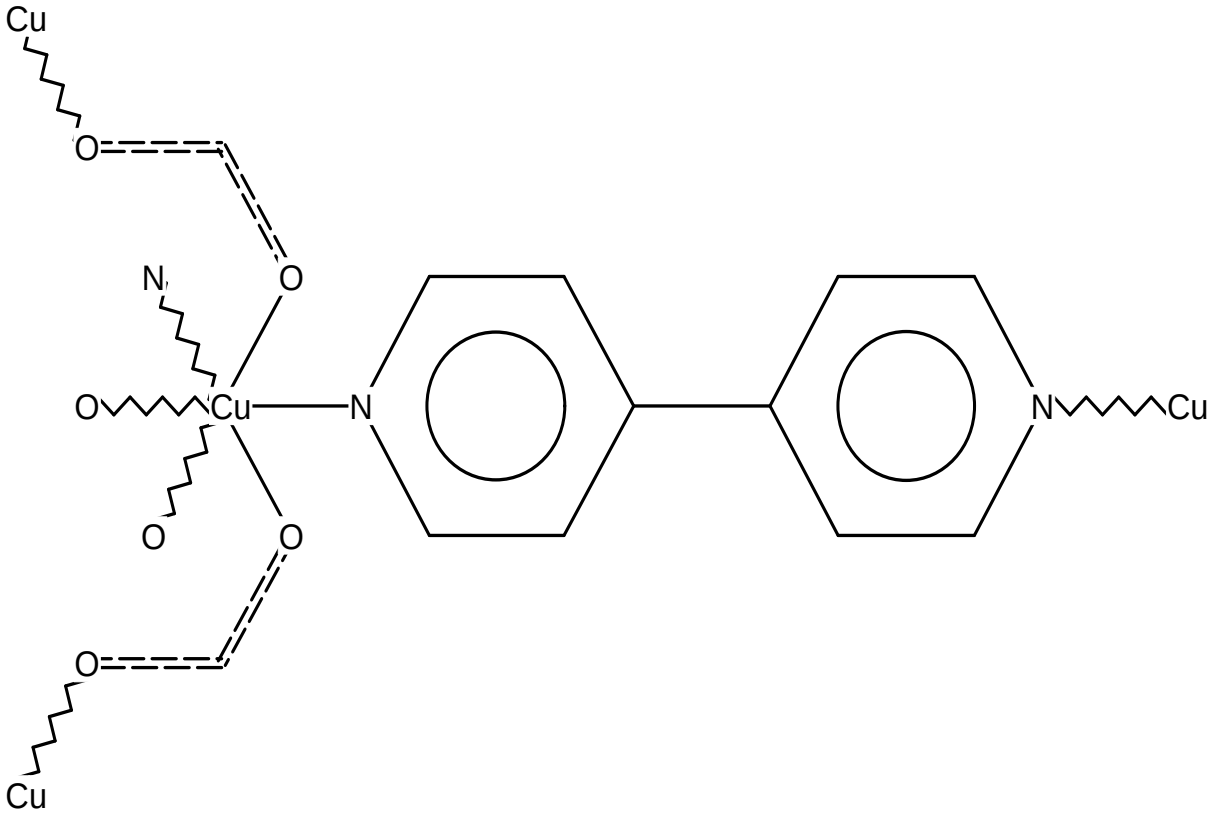
Reference: R.Koner, I.Goldberg (2009)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**65,**m185

Formula: $(C_{12}\ H_{10}\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(μ_2-formato)-copper(ii)]

Space Group:	P41212	***Cell:***	***a***	7.851(0)	***b***	7.851(0)	***c*** 18.151(0)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.68 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.839



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1763

OKEHOB

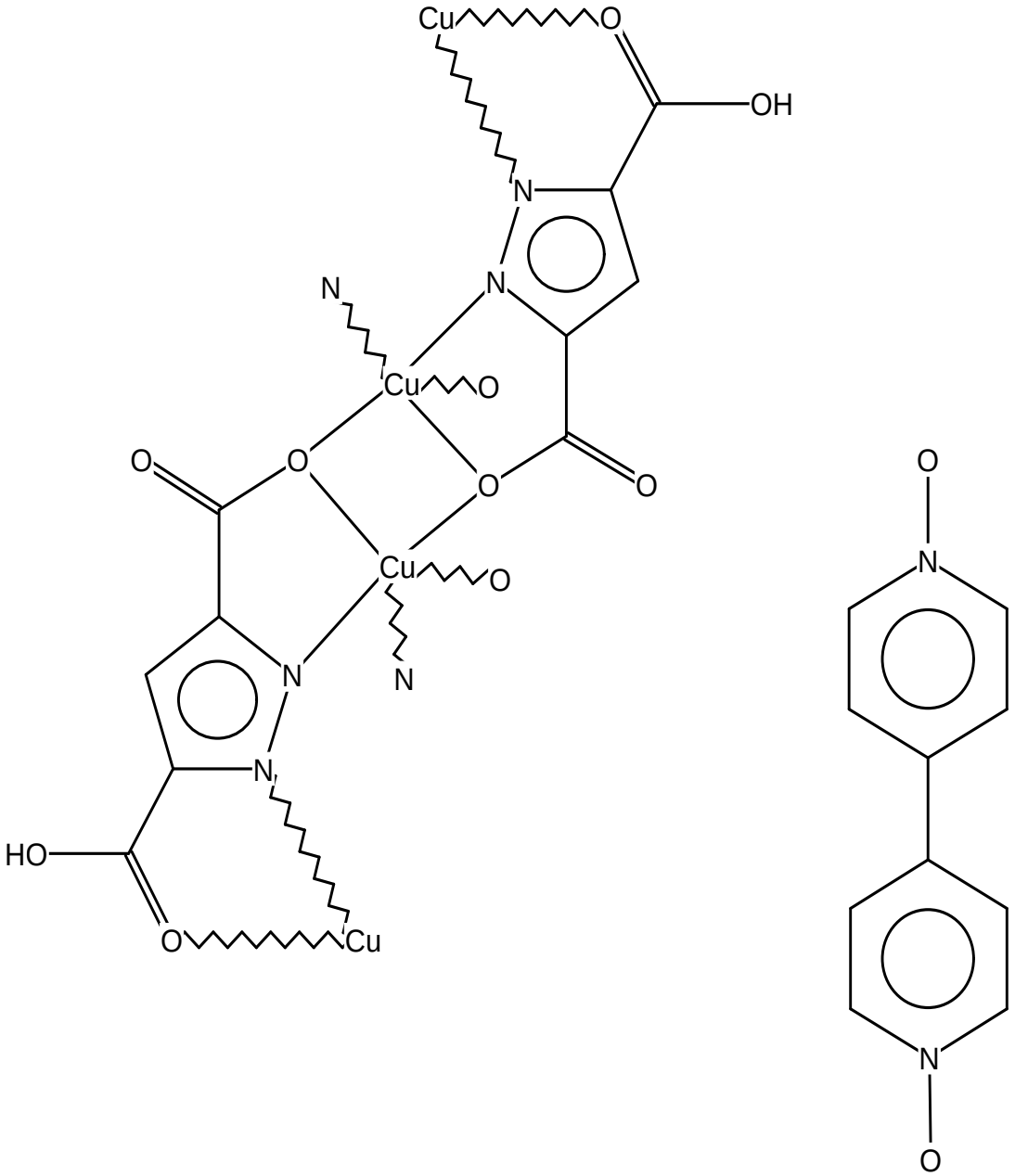
Reference: Jin-Lei Tian, Shi-Ping Yan, Dai-Zheng Liao, Zong-Hui Jiang, Peng Cheng (2003) *Inorg.Chem.Commun. ,***6,**1025

Formula: $(C_{10}\ H_4\ Cu_2\ N_4\ O_8)n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-[bis(μ_2-Pyrazolyl-3-carboxylato-5-carboxylic acid)-di-copper(ii) 4, 4'-bipyridyl-N,N'-dioxide]

Space Group:	P-1	***Cell:***	***a*** 6.541(7)	***b*** 7.344(8)	***c*** 11.309(12)
Space Group No.:	2	***(Å,°)***	α 108.35(1)	β 93.97(1)	γ 91.67(1)

R-Factor (%): 3.75 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.015



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1764

OLESED

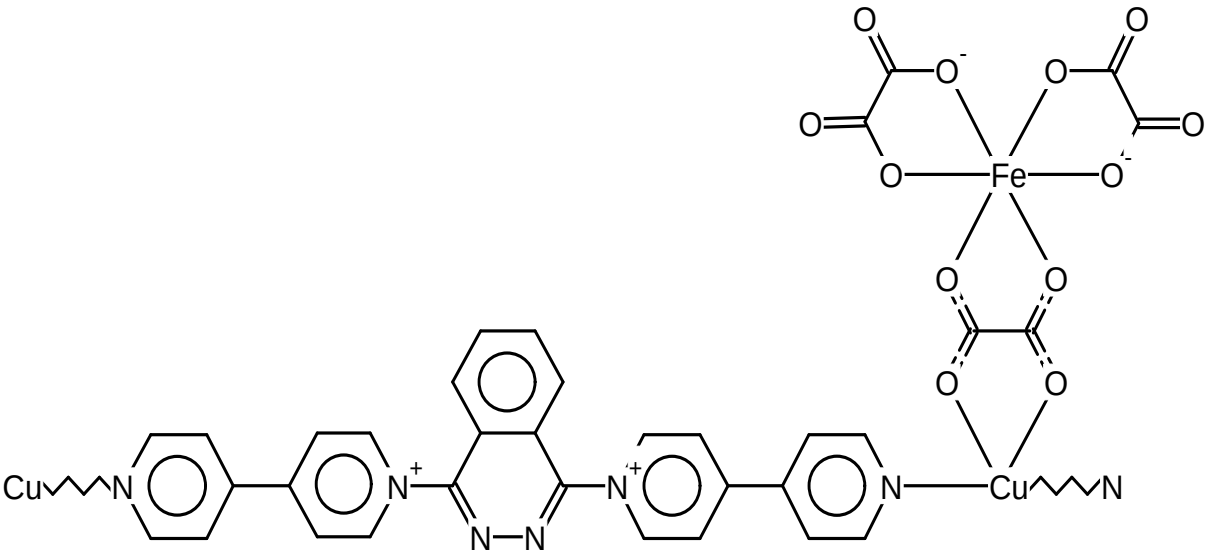
Reference: Yan-Qiong Sun, Jie Zhang, Guo-Yu Yang (2003)
Dalton Trans. ,3634

Formula: $(C_{34}\ H_{20}\ Cu_1\ Fe_1\ N_6\ O_{12})n,6.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-1,4-bis(4'-Pyridyl-1'-pyridinio)phthalazine-N,N')-(μ_2-oxalato-O,O',O'',O''')-bis(oxalato-O,O')-copper(ii)-iron(ii) hydrate)

Space Group:	P21/n	***Cell:***	***a***	12.046(0)	***b***	15.236(0)	***c*** 21.098(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.41(0)	γ 90.00

R-Factor (%): 7.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.622



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1765

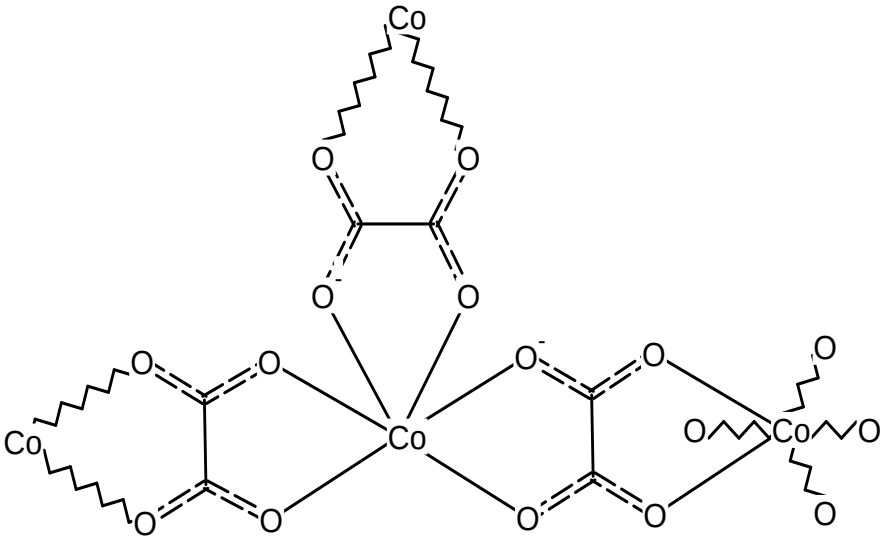
OLESIH

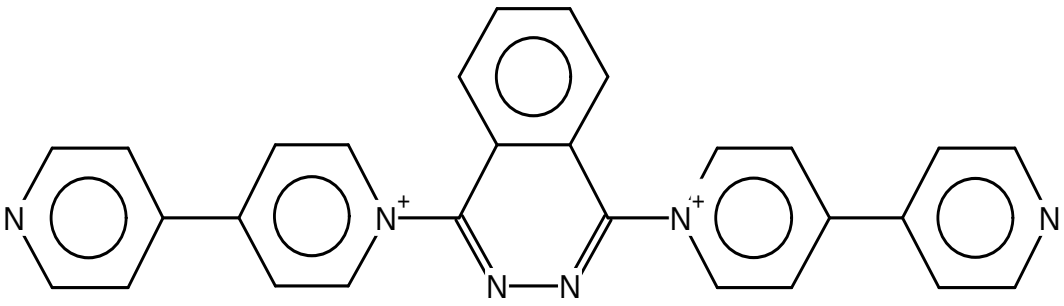
Reference: Yan-Qiong Sun, Jie Zhang, Guo-Yu Yang (2003)
Dalton Trans. ,3634

Formula: $(C_{28}\ H_{20}\ N_6\ ^{2+})n,n(C_6\ Co_2\ O_{12}\ ^{2-}),5.5n(H_2\ O_1)$

Compound Name: catena-((1,4-bis(4'-Pyridyl-1'-pyridinio)phthalazine)-tris(μ_2-oxalato-O,O',O'',O''')-di-cobalt(ii) hydrate)

Space Group:	P21/n	***Cell:***	***a***	9.140(0)	***b***	16.941(1)	***c*** 24.085(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.97(0)	γ 90.00
R-Factor (%):	8.55	***Temperature(K):***	293		***Density(g/cm^3):***		1.641





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1766

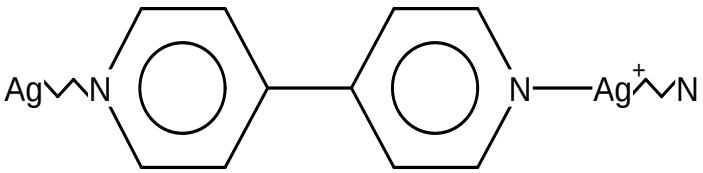
OLUCED

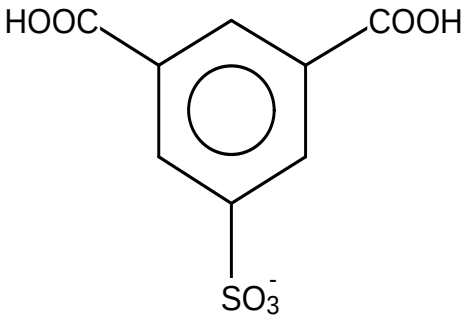
Reference: Daofeng Sun, Rong Cao, Yanqiong Sun, Wenhua Bi, Xiaoju Li, Yanqin Wang, Qian Shi, Xing Li (2003) *Inorg.Chem. ,***42,**7512

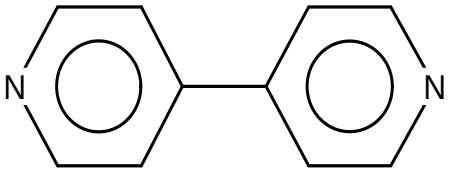
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})2n,2n(C_8\ H_5\ O_7\ S_1\ ^{1-}),n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-silver(i)) bis(5-sulfoisophthalate) 4,4'-bipyridine dihydrate)

Space Group:	C2/c	***Cell:***	***a***	22.936(1)	***b***	11.399(0)	***c*** 17.730(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.74(0)	γ 90.00
R-Factor (%):	8.61	***Temperature(K):***	293		***Density(g/cm^3):***	1.741	







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1767

OLUCIH

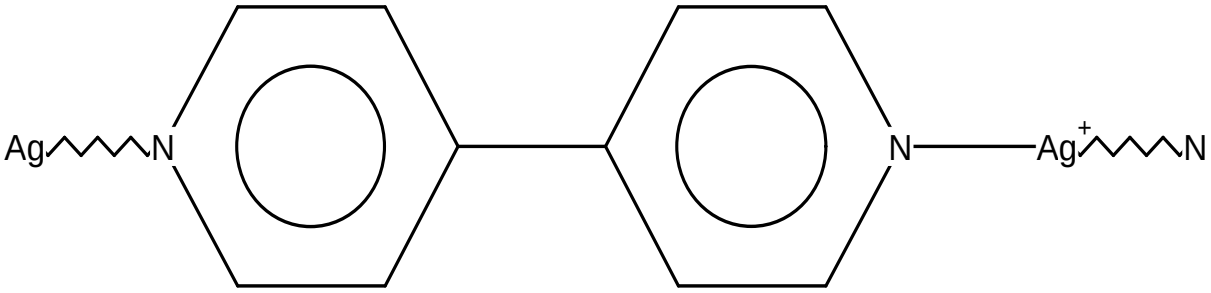
Reference: Daofeng Sun, Rong Cao, Yanqiong Sun, Wenhua Bi, Xiaoju Li, Yanqin Wang, Qian Shi, Xing Li (2003) *Inorg.Chem. ,***42,**7512

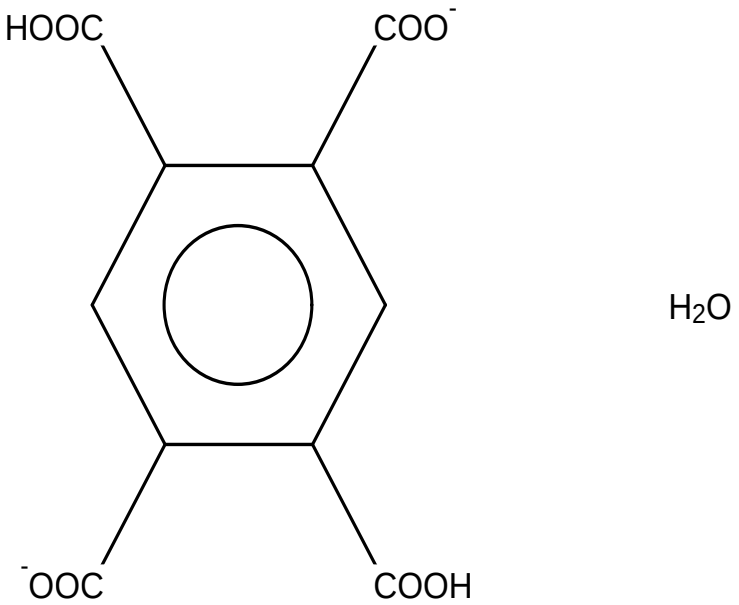
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})2n,n(C_{10}\ H_4\ O_8\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-silver(i)) 1,4-dicarboxy-2,5-benzenedicarboxylate dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.846(0)	***b*** 11.420(0)	***c***	14.124(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.04(0)	γ	90.00

R-Factor (%): 5.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.953





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1768

OLUCON

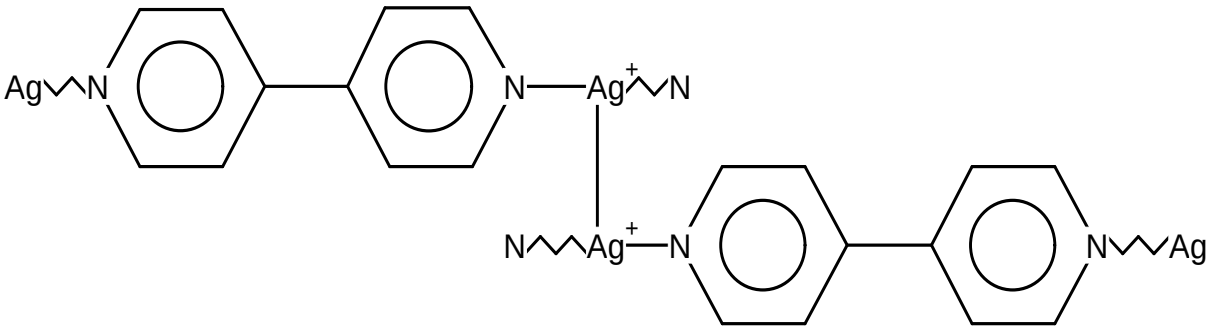
Reference: Daofeng Sun, Rong Cao, Yanqiong Sun, Wenhua Bi, Xiaoju Li, Yanqin Wang, Qian Shi, Xing Li (2003) *Inorg.Chem. ,***42,**7512

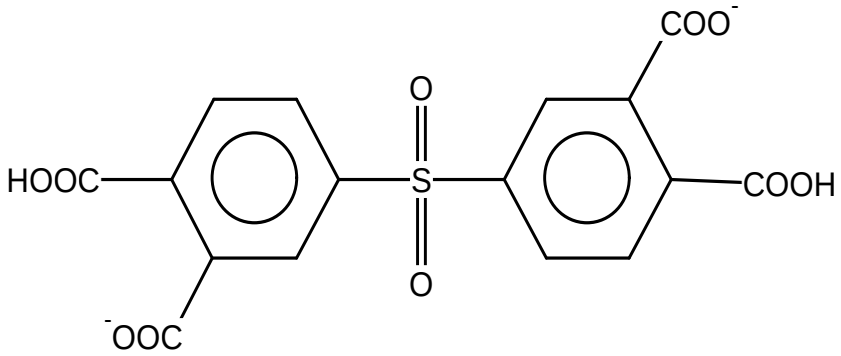
Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+})n,n(C_{16}\ H_8\ O_{10}\ S_1\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-di-silver(i) 4,4'-dicarboxy-3,3'-bis(carboxylato)diphenyl sulfone dihydrate)

Space Group:	P21/c	***Cell:***	***a***	14.815(0)	***b***	11.310(0)	***c*** 20.576(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.50(0)	γ 90.00

R-Factor (%): 7.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.855





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1769

PACMEM

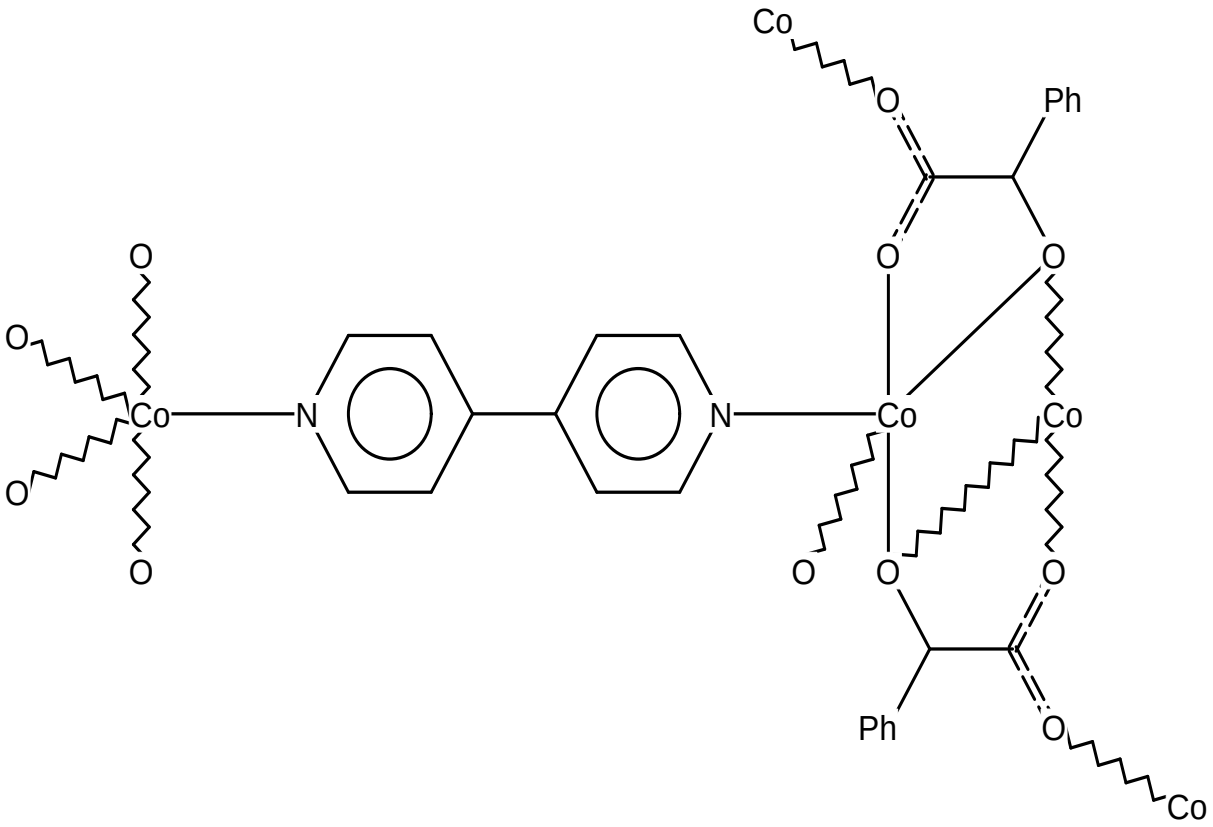
Reference: Ming-Hua Zeng, Song Gao, Xiao-Ming Chen (2004)
Inorg.Chem.Commun. ,**7,**864

Formula: $(C_{26}\ H_{20}\ Co_2\ N_2\ O_6)n$

Compound Name: catena-(bis(μ_3-2-Oxy-2-phenylacetato)-(μ_2-4,4'-bipyridyl)-di-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	27.077(1)	***b***	9.887(1)	***c*** 9.217(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	108.85(1)	γ 90.00

R-Factor (%): 2.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.634



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1770

PADKOV

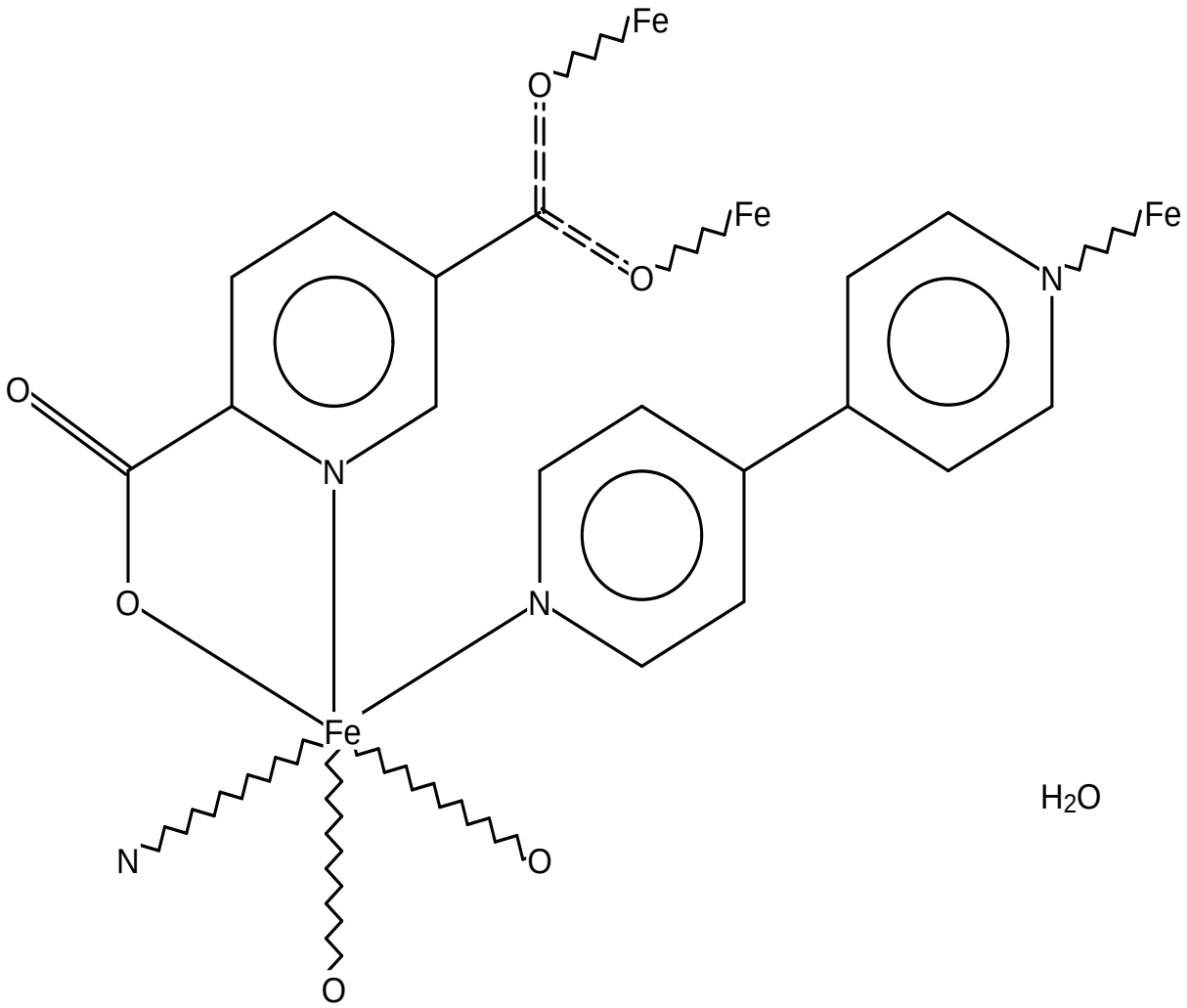
Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	8.752(0)	***b***	9.153(0)	***c***	11.527(0)
Space Group No.:	2	***(Å,°)***	α	74.47(0)	β	82.96(0)	γ	83.04(0)

R-Factor (%):	7.14	***Temperature(K):***	293	***Density(g/cm^3):***	1.493



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1771

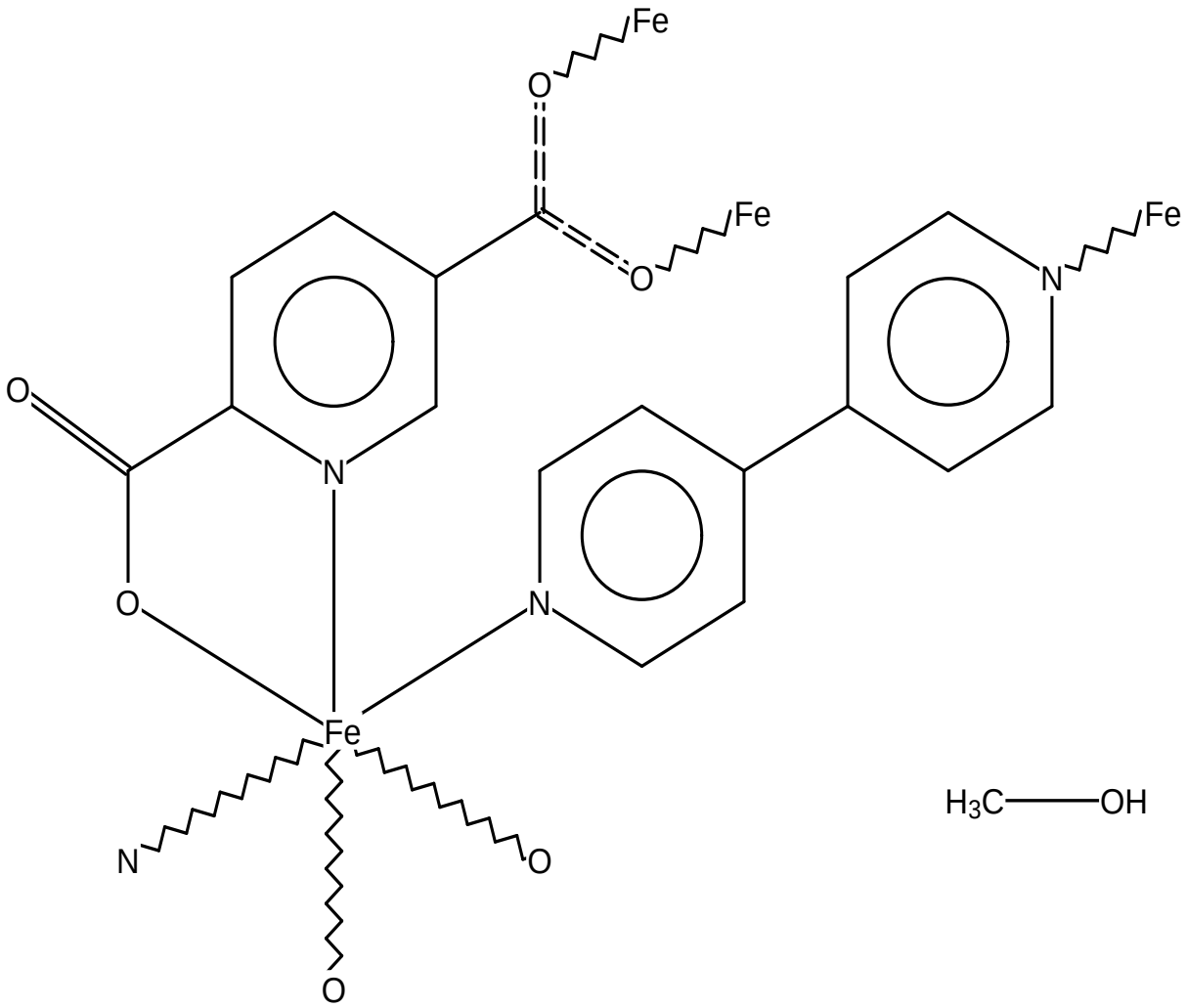
PADKUB

Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	8.789(0)	***b***	9.138(0)	***c***	11.521(0)
Space Group No.:	2	***(Å,°)***	α	74.87(0)	β	81.72(0)	γ	82.15(0)
R-Factor (%):	4.27	***Temperature(K):***	293		***Density(g/cm^3):***		1.546	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1772

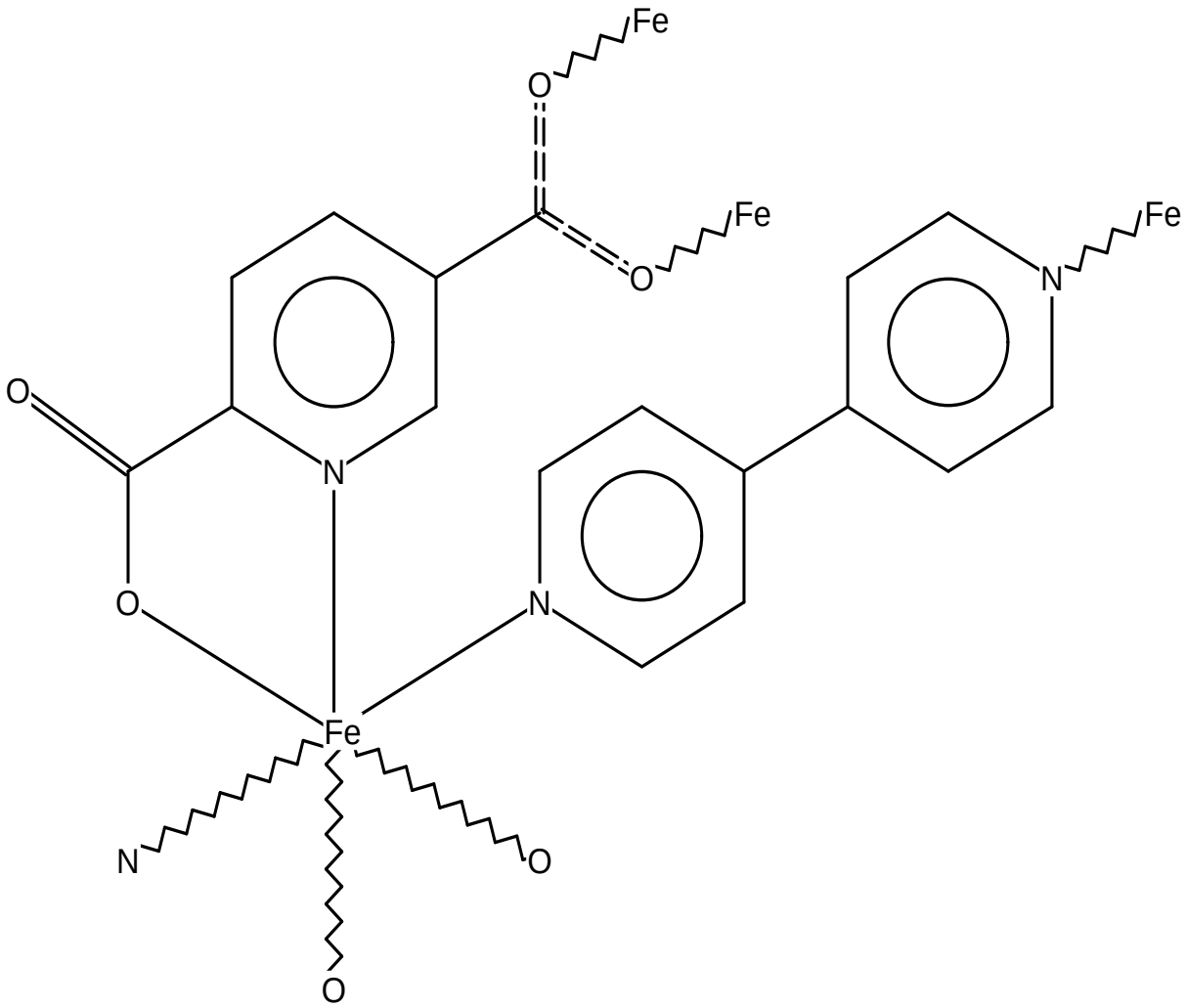
PADLIQ

Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii))

Space Group:	P-1	***Cell:***	***a***	8.887(7)	***b***	9.295(7)	***c*** 10.827(8)
Space Group No.:	2	***(Å,°)***	α	110.45(1)	β	90.93(1)	γ 100.39(1)
R-Factor (%):	7.47	***Temperature(K):***	295		***Density(g/cm^3):***		1.525



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1773

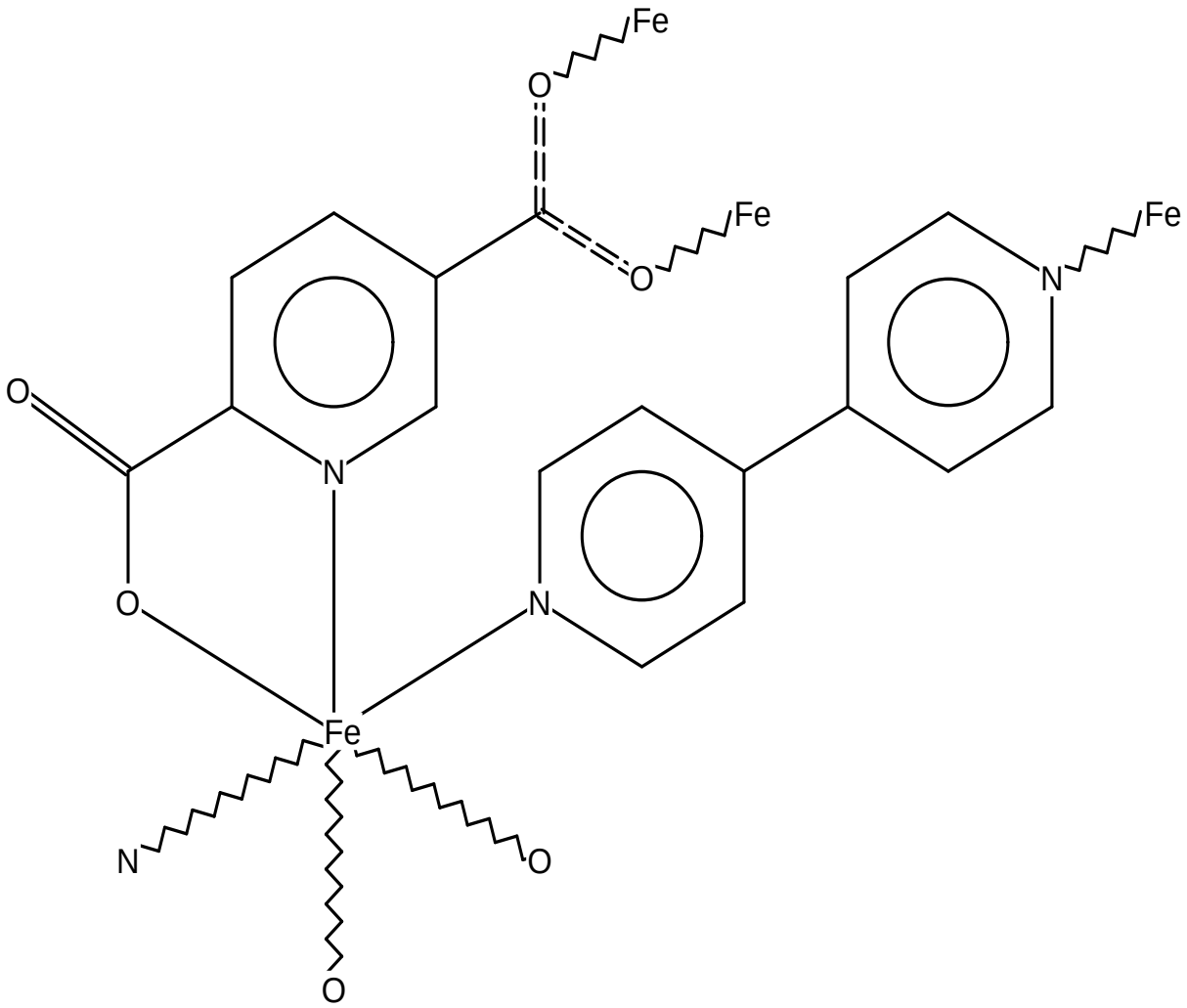
PADLIQ01

Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii))

Space Group:	P-1	***Cell:***	***a***	8.851(3)	***b***	9.249(3)	***c*** 10.747(4)
Space Group No.:	2	***(Å,°)***	α	110.36(0)	β	91.18(0)	γ 100.65(0)
R-Factor (%):	3.48	***Temperature(K):***	295		***Density(g/cm^3):***		1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1774

PADMAJ

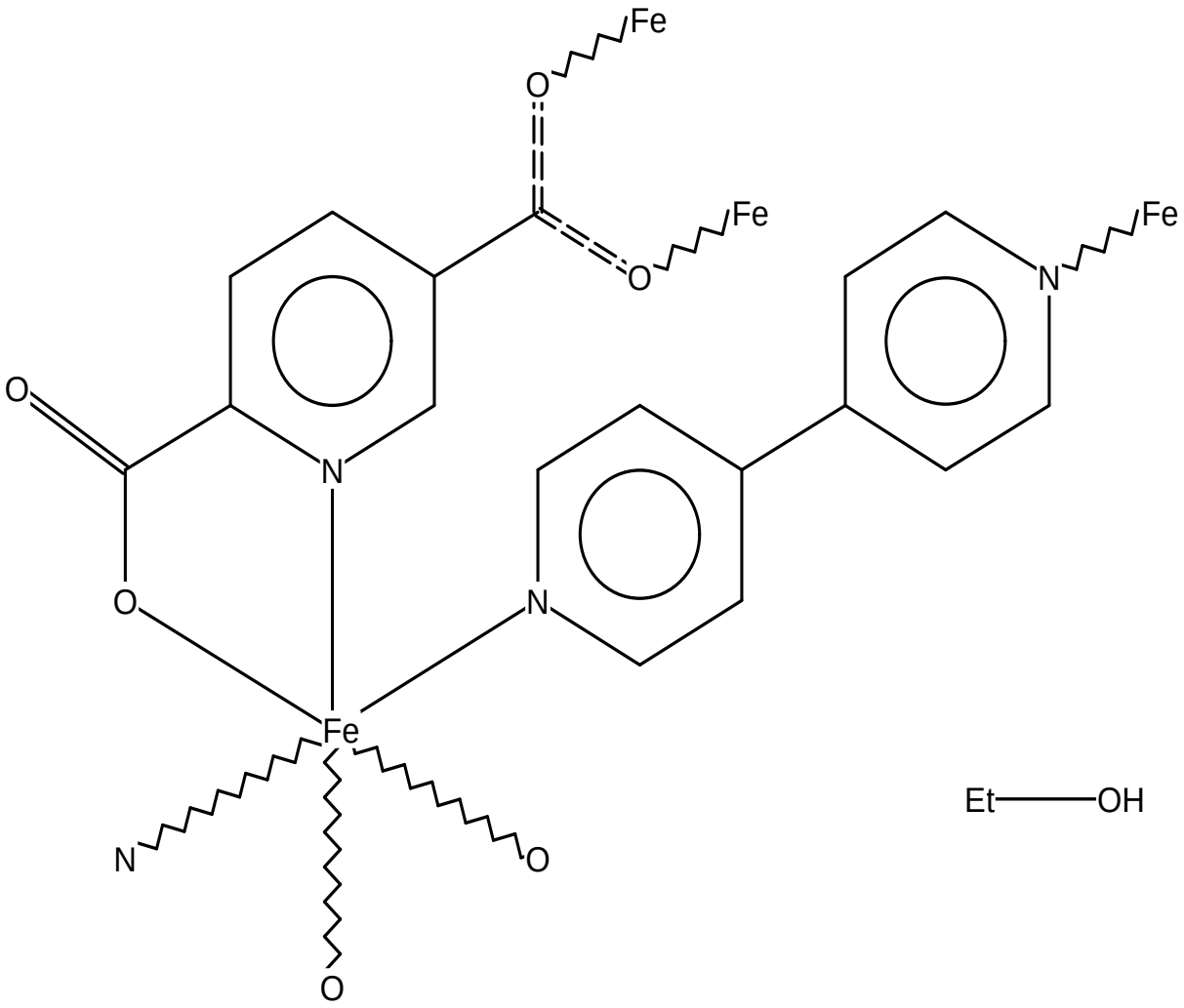
Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n,n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii) ethanol solvate)

Space Group:	P-1	***Cell:***	***a*** 8.773(1)	***b*** 9.390(1)	***c*** 11.542(2)
Space Group No.:	2	***(Å,°)***	α 73.63(0)	β 83.90(0)	γ 83.74(0)

R-Factor (%): 4.07 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.555



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1775

PADMAJ01

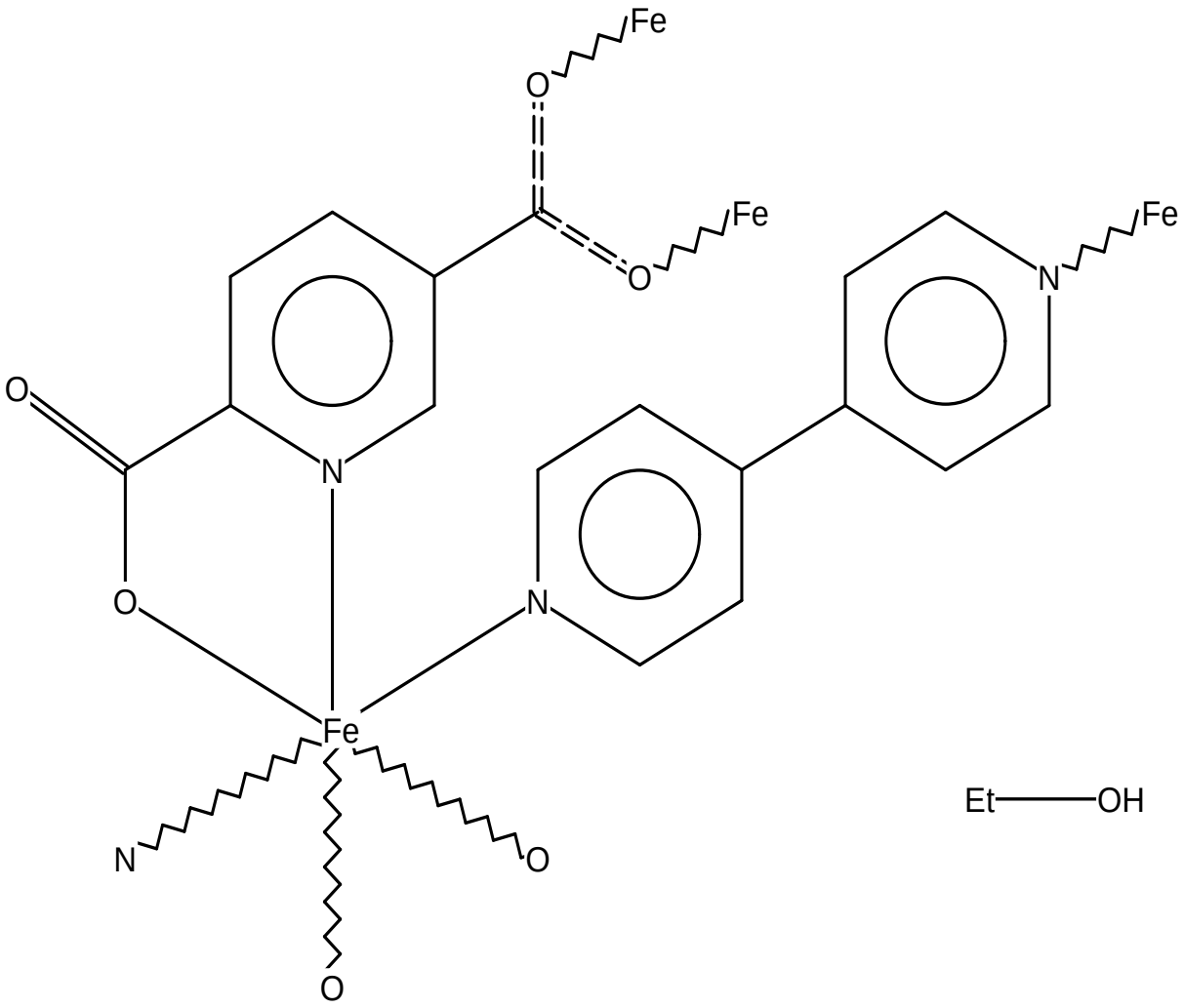
Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n,n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii) ethanol solvate)

Space Group:	P-1	***Cell:***	***a***	8.780(0)	***b***	9.384(0)	***c***	11.542(0)
Space Group No.:	2	***(Å,°)***	α	73.67(0)	β	83.91(0)	γ	83.69(0)

R-Factor (%):	4.75	***Temperature(K):***	293	***Density(g/cm^3):***	1.554



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1776

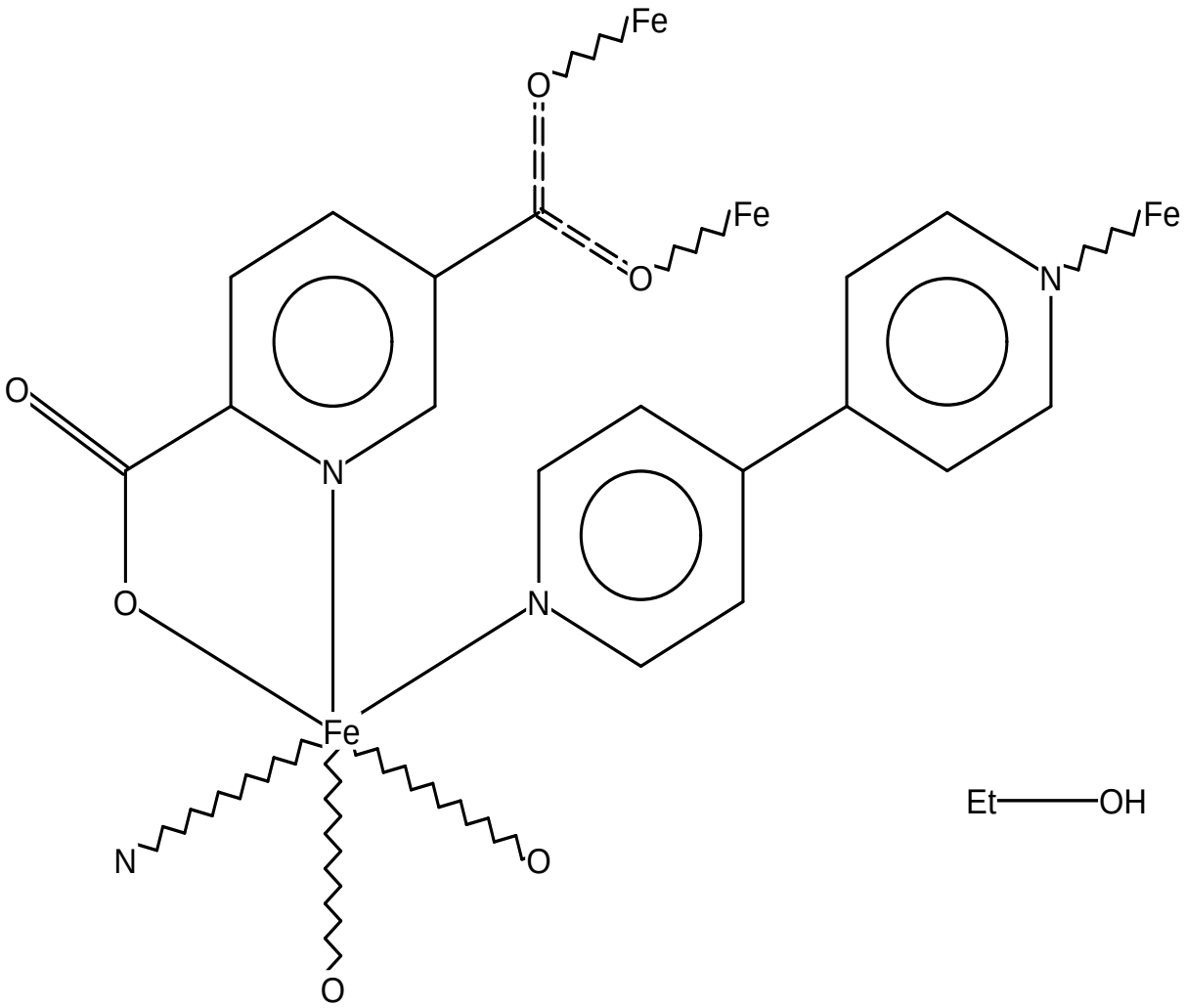
PADMAJ02

Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n,n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii) ethanol solvate)

Space Group:	P-1	***Cell:***	***a***	8.786(2)	***b***	9.258(2)	***c***	11.529(3)
Space Group No.:	2	***(Å,°)***	α	74.26(0)	β	83.30(0)	γ	83.32(0)
R-Factor (%):	8.56	***Temperature(K):***	295		***Density(g/cm^3):***		1.574	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1777

PADMAJ03

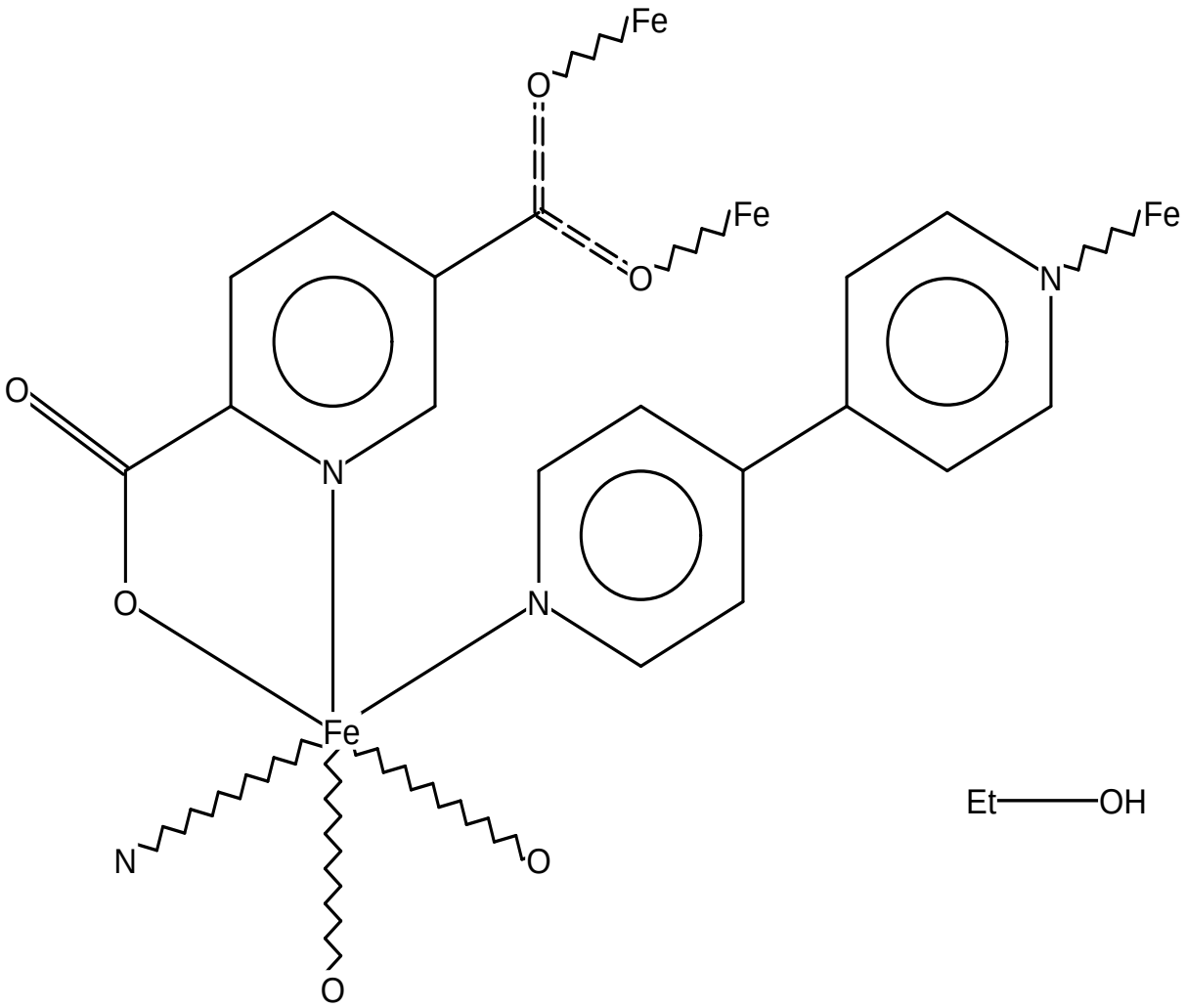
Reference: Ming-Hua Zeng, Xiao-Long Feng, Xiao-Ming Chen (2004)
Dalton Trans. ,2217

Formula: $(C_{17}\ H_{11}\ Fe_1\ N_3\ O_4)n,n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii) ethanol solvate)

Space Group:	P-1	***Cell:***	***a***	8.778(2)	***b***	9.331(2)	***c***	11.534(2)
Space Group No.:	2	***(Å,°)***	α	73.76(3)	β	83.44(3)	γ	83.48(3)

R-Factor (%):	6.11	***Temperature(K):***	295	***Density(g/cm^3):***	1.566



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1778

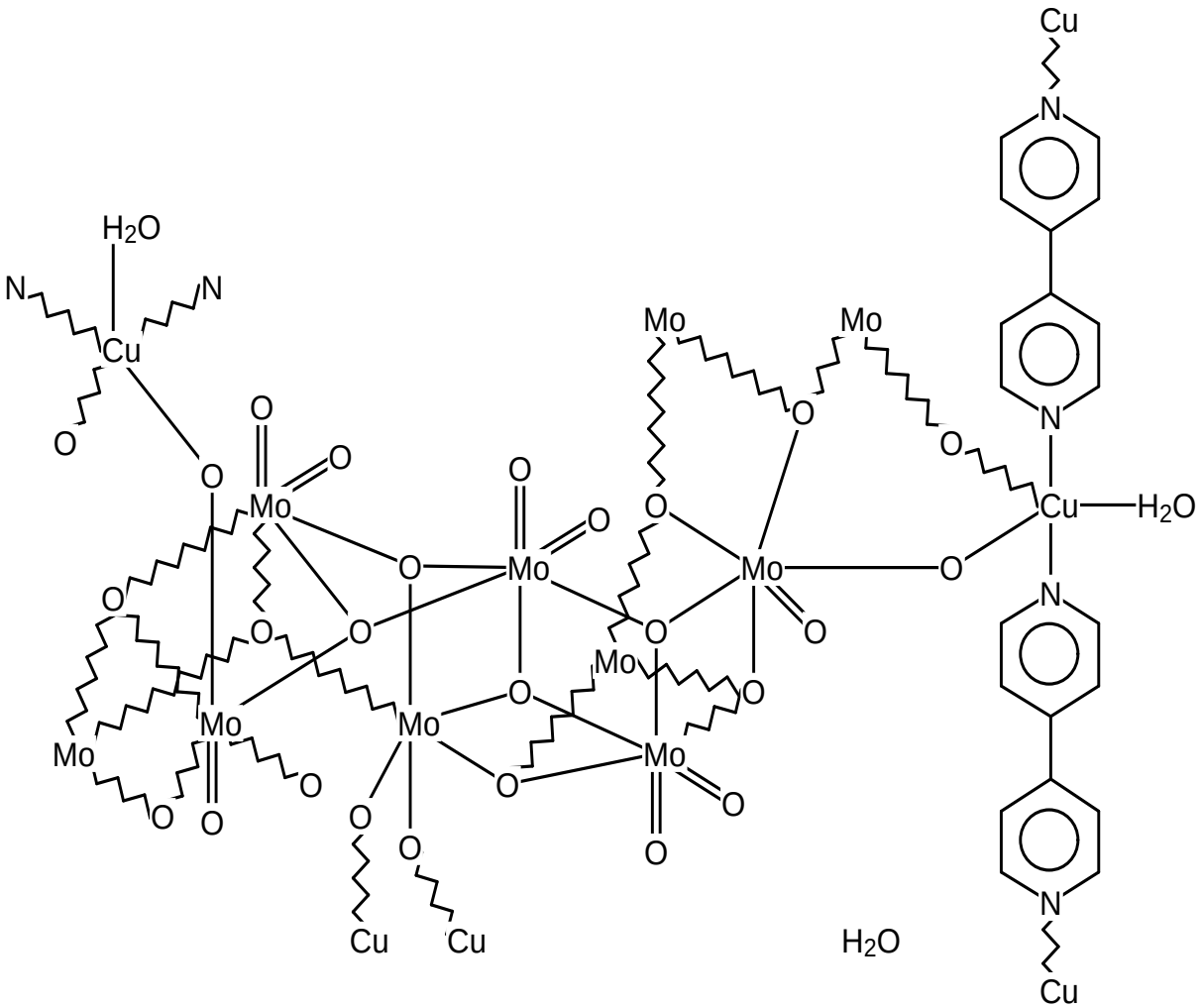
PAGNOB

Reference: Zuping Kong, Linhong Weng, Dejun Tan, Heyong He, Biao Zhang, Jilie Kong, Bin Yue (2004) *Inorg.Chem. ,***43,**5676

Formula: $(C_{20}\ H_{20}\ Cu_2\ Mo_6\ N_4\ O_{22})n,2n(H_2\ O_1)$

Compound Name: catena-(octakis(μ_3-Oxo)-bis(μ_2-4,4'-bipyridyl)-tetrakis(μ_2-oxo)-diaqua-octaoxo-di-copper(ii)-hexa-molybdenum dihydrate)

Space Group:	C2/c	***Cell:***	***a***	15.335(2)	***b*** 15.535(2)	***c***	15.106(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.16(0)	γ	90.00
R-Factor (%):	2.49	***Temperature(K):***	293		***Density(g/cm^3):***		2.647



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1779

PAHXIG

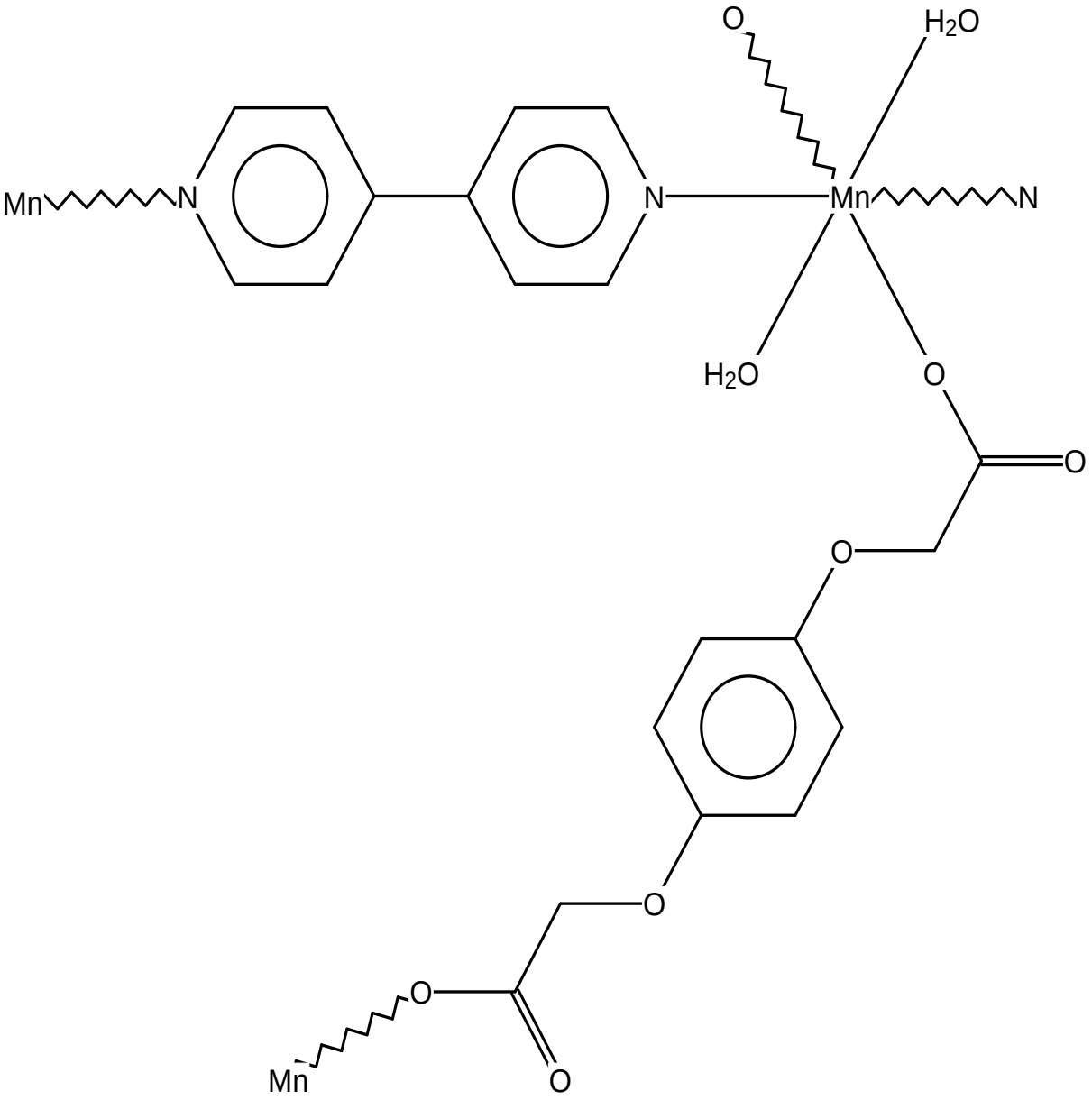
Reference: Shan Gao, Ji-Wei Liu, Li-Hua Huo, Hui Zhao, Jing-Gui Zhao (2004) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* , **60,**m537

Formula: $(C_{20}\ H_{20}\ Mn_1\ N_2\ O_8)n$

Compound Name: catena-((μ_2-4,4-Bipyridine-N,N')-(μ_2-p-phenylenedioxydiacetato-O,O')-diaqua-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	5.783(2)	***b***	8.229(2)	***c*** 10.827(3)
Space Group No.:	2	***(Å,°)***	α	105.65(3)	β	97.48(3)	γ 97.69(0)

R-Factor (%): 5.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.617



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1780

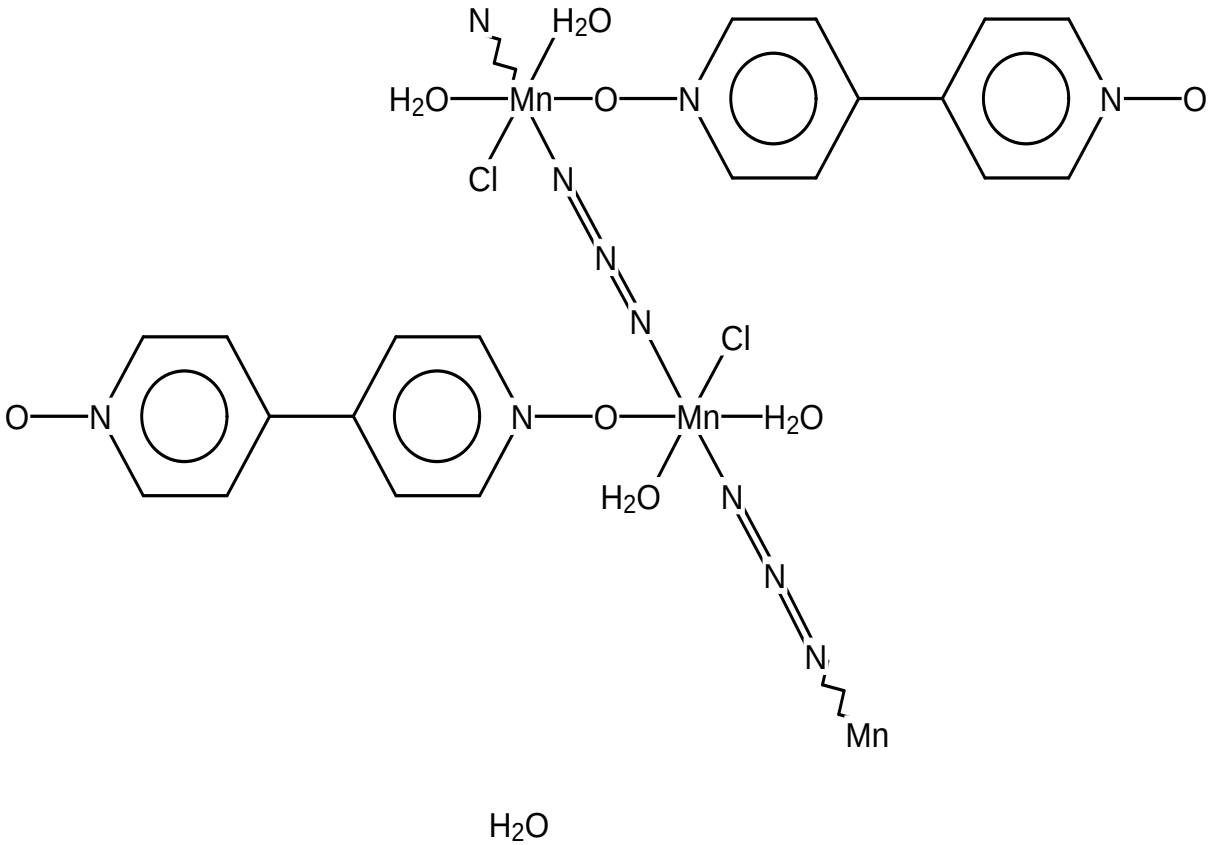
PALYEH

Reference: A.K.Ghosh, D.Ghoshal, E.Zangrando, J.Ribas, N.R.Chaudhuri (2005) *Inorg.Chem.* ,**44,**1786

Formula: $(C_{20}\ H_{24}\ Cl_2\ Mn_2\ N_{10}\ O_8)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-1,3-Azido)-bis(4,4'-bipyridine-N,N'-dioxide)-dichloro-tetraaqua-di-manganese(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.060(3)	***b*** 10.345(3)	***c***	11.697(4)
Space Group No.:	2	***(Å,°)***	α	106.86(2)	β 113.33(2)	γ	96.39(3)
R-Factor (%):	6.17	***Temperature(K):***	293		***Density(g/cm^3):***		1.715



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1781

PARHAS

Reference: D.T.de Lill, D.J.Bozzuto, C.L.Cahill (2005) *Dalton Trans.* , 2111

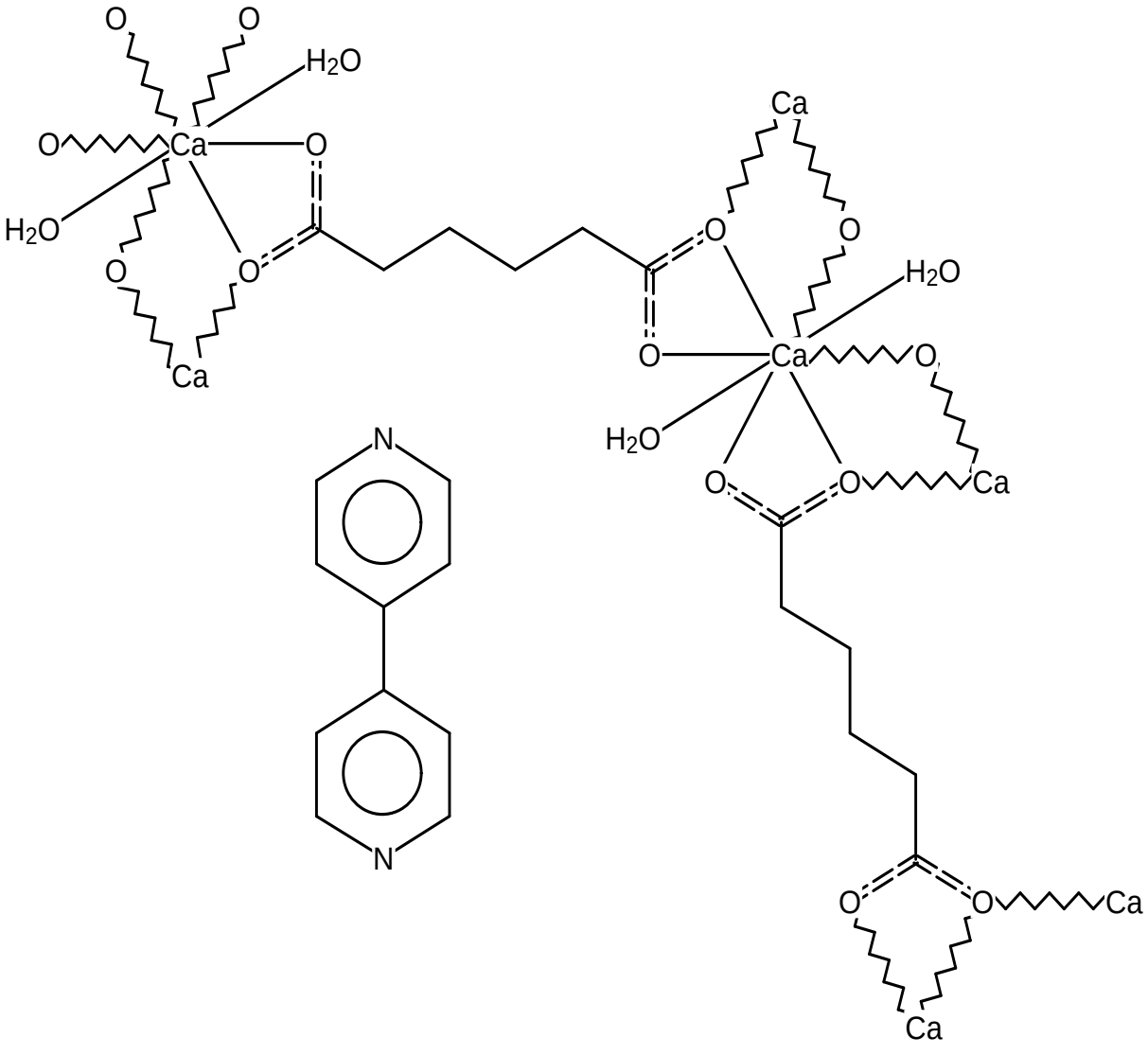
Formula: $(C_{12}\ H_{24}\ Ca_2\ O_{12})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-Adipato)-tetraaqua-di-calcium 4,4'-bipyridine clathrate)

Synonym: GWMOF-7

Space Group:	P21/c	***Cell:***	***a***	14.855(2)	***b***	15.339(3)	***c***	7.779(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.63(0)	γ	90.00

R-Factor (%): 5.03 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.427



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1782

PARQCC

Reference: P.Murray-Rust (1975)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***31,**1771

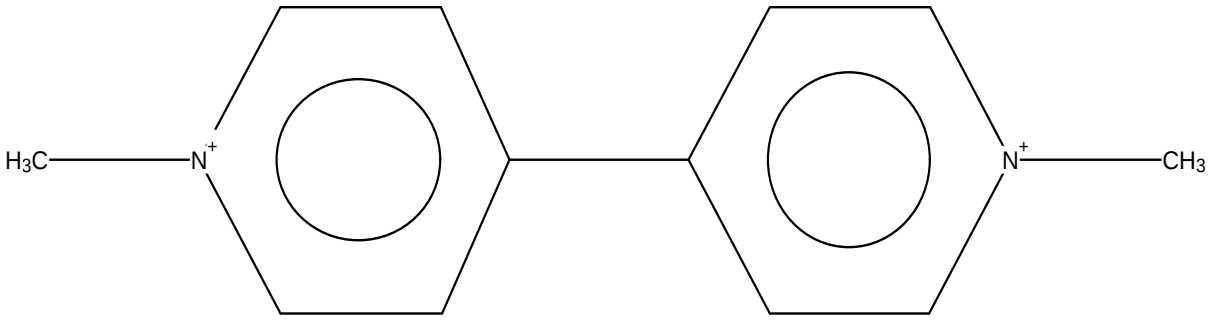
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Cl_6\ Cu_2\ ^{2-})$

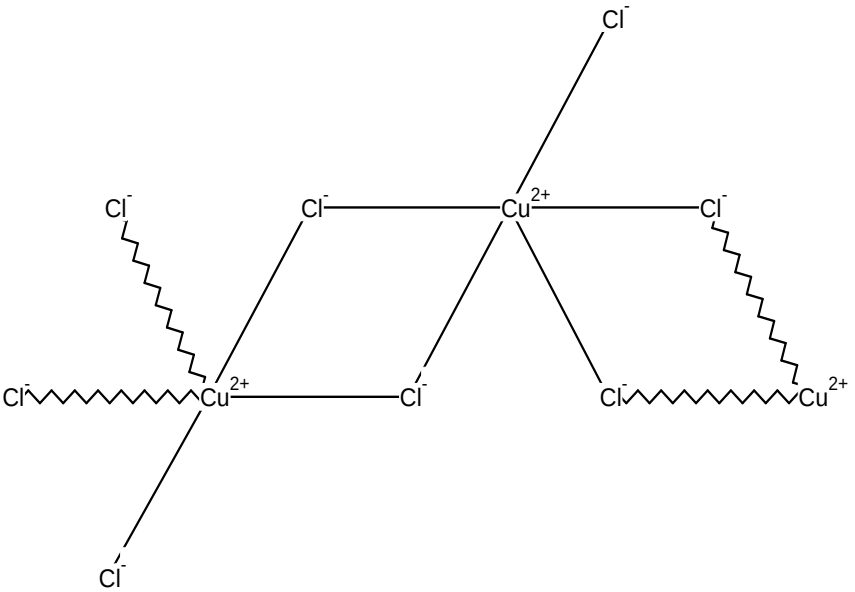
Compound Name: catena(N,N'-Dimethyl-4,4'-bipyridylium hexachloro-dicopper(ii))

Synonym: Paraquat hexachloro-dicopper(ii)

Space Group:	P21/n	***Cell:***	***a***	6.300(10)	***b***	12.940(10)	***c***	10.630(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.25(8)	γ	90.00

R-Factor (%): 6.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.032





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1783

PARTIM

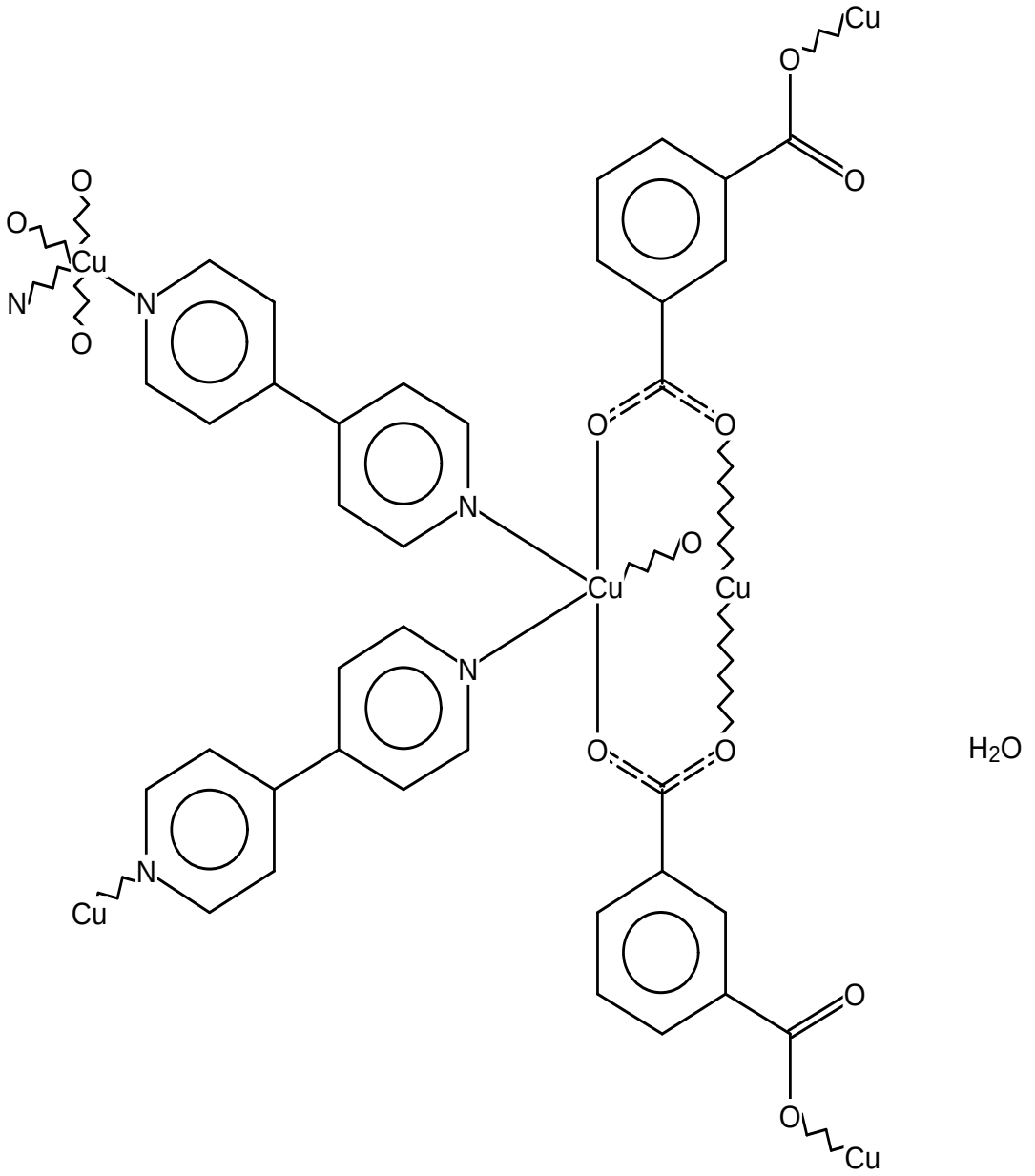
Reference: Yi-Hang Wen, Jian-Kai Cheng, Yun-Long Feng, Jian Zhang, Zhao-Ji Li, Yuan-Gen Yao (2005) *Inorg.Chim.Acta* ,**358,** 3347

Formula: $(C_{36}\ H_{24}\ Cu_2\ N_4\ O_8)n,6n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-Isophthalato)-bis(μ_2-4,4'-bipyridyl)-di-copper(ii) hexahydrate]

Space Group:	C2/c	***Cell:***	***a***	23.381(0)	***b*** 11.129(0)	***c***	16.790(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 122.81(0)	γ	90.00

R-Factor (%): 5.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.584



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1784

PARTOS

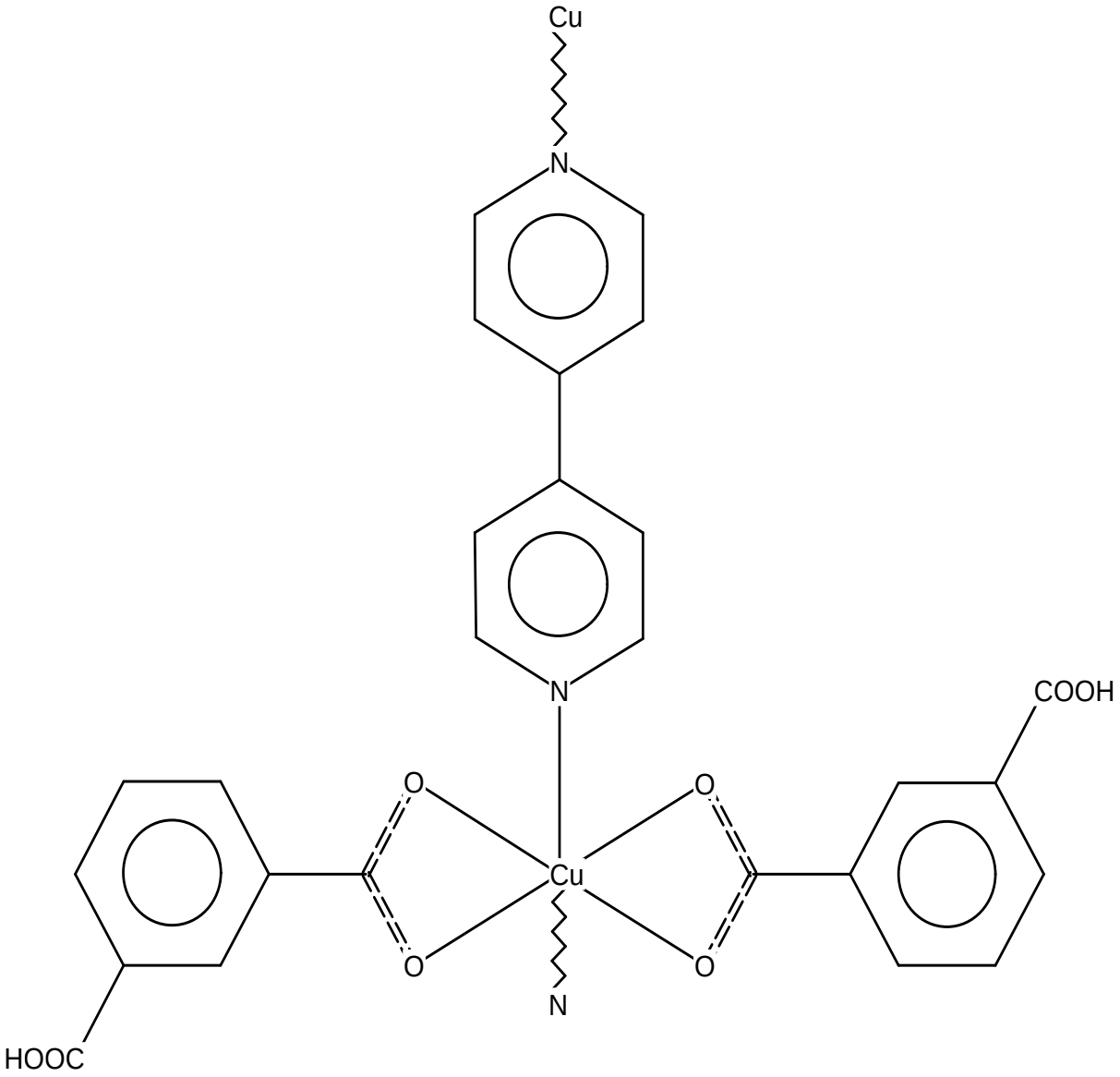
Reference: Yi-Hang Wen, Jian-Kai Cheng, Yun-Long Feng, Jian Zhang, Zhao-Ji Li, Yuan-Gen Yao (2005) *Inorg.Chim.Acta* ,**358,** 3347

Formula: $(C_{26}\ H_{18}\ Cu_1\ N_2\ O_8)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(hydrogen isophthalato)-copper(ii)]

Space Group:	Fdd2	***Cell:***	***a***	39.758(0)	***b***	10.331(0)	***c***	11.135(0)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.03 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.598



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1785

PATTIO

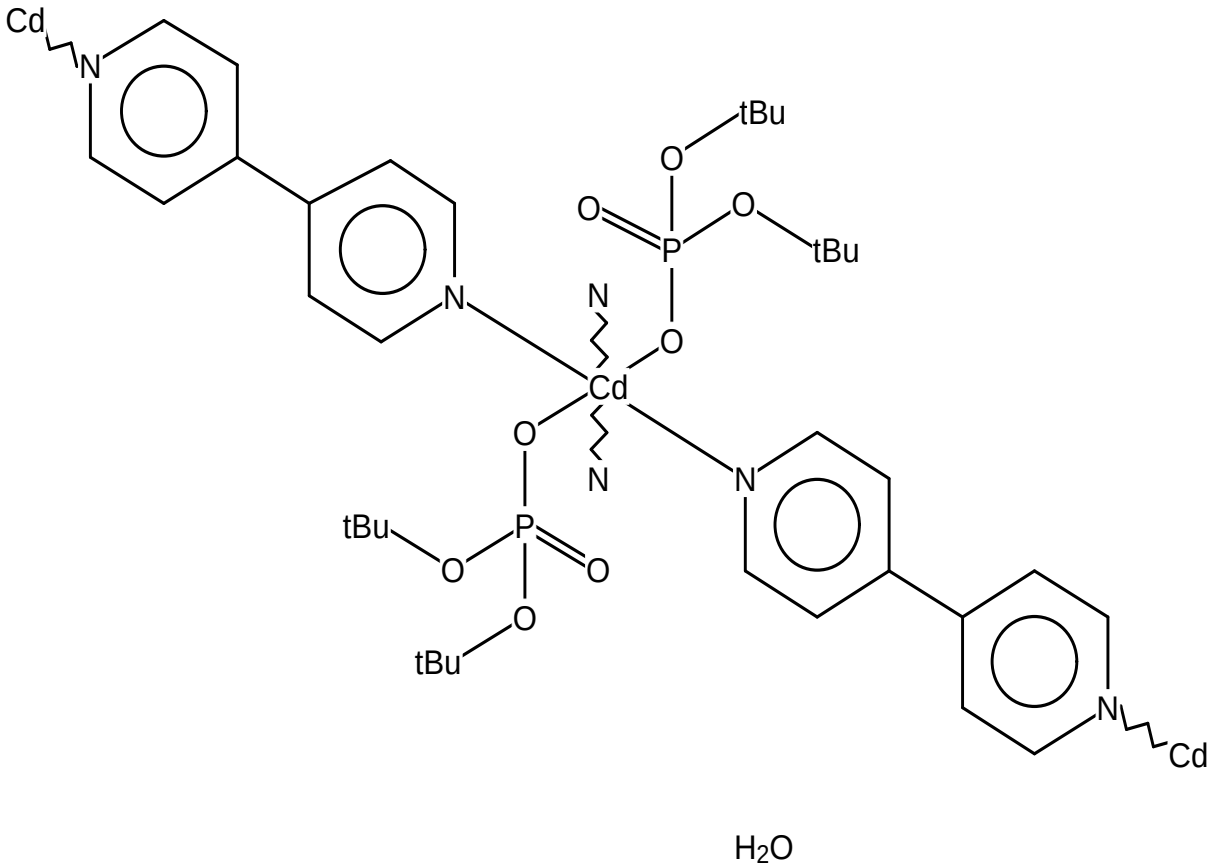
Reference: R.Pothiraja, M.Sathiyendiran, R.J.Butcher, R.Murugavel (2005) *Inorg.Chem.* ,**44,**6314

Formula: $(C_{36}\ H_{52}\ Cd_1\ N_4\ O_8\ P_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(di-t-butylphosphato-O)-cadmium(ii) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	50.041(1)	***b*** 11.792(0)	***c***	23.551(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.07(0)	γ	90.00

R-Factor (%): 4.97 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.312



Search: search1 (Thu May 26 10:05:42 2011): Hit 1786

PAVDAS

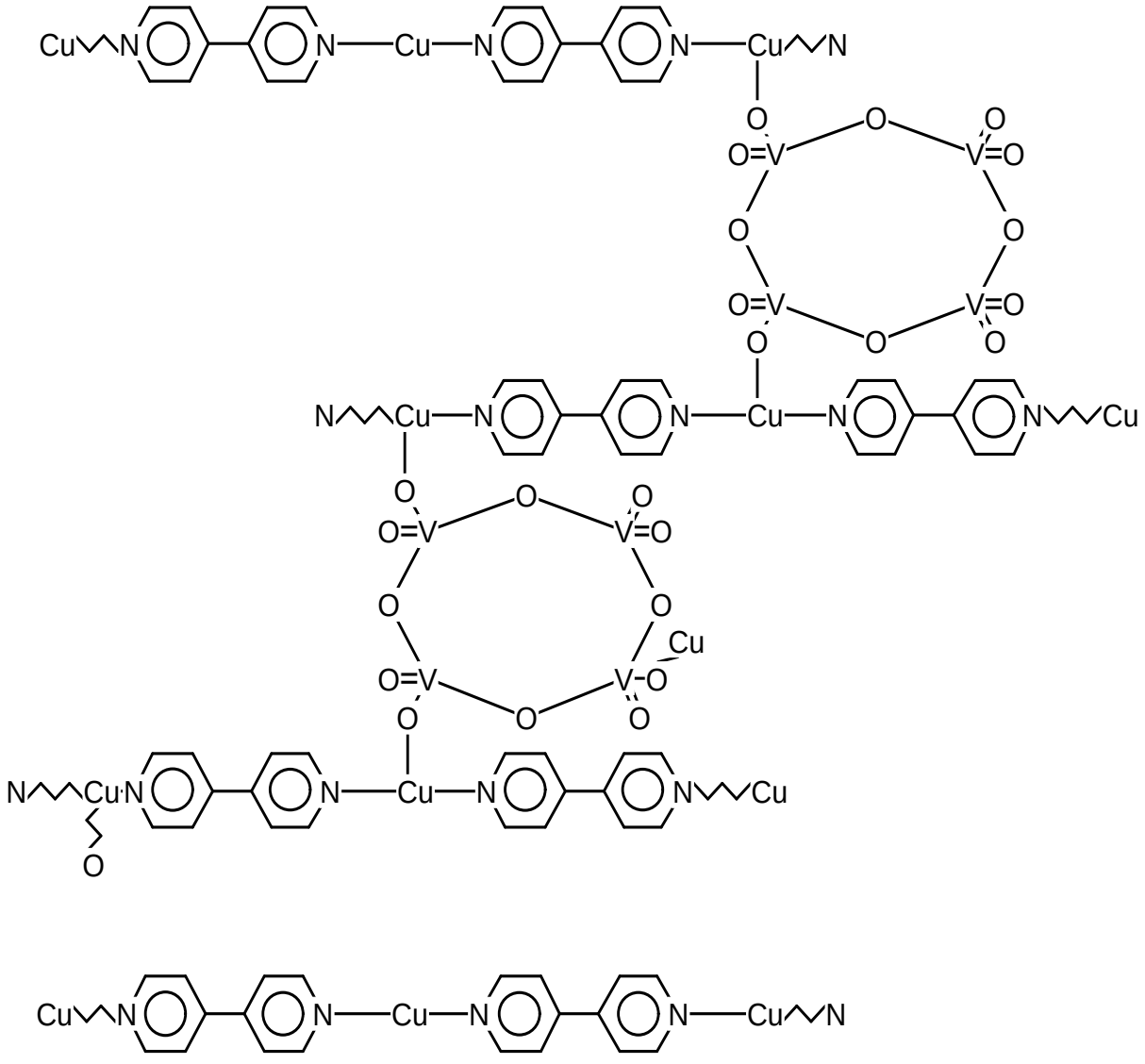
Reference: Chun-Dan Zhang, Shu-Xia Liu, Lin-Hua Xie, Bo Gao, Chun-Yan Sun, De-Hui Li (2005) *J.Mol.Struct. ,***753,**40

Formula: $(C_{60}\ H_{48}\ Cu_6\ N_{12}\ O_{24}\ V_8)n,n(C_{20}\ H_{16}\ Cu_2\ N_4),4n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_2-2,2'-Bipyridine)-tridecakis(μ_2-oxo)-decaoxo-hexa-copper-octa-vanadium bis(μ_2-2,2'-bipyridine)-di-copper tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	21.663(4)	***b***	29.499(6)	***c***	13.710(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	91.58(3)	γ	90.00

R-Factor (%): 6.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.988



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1787

PAVVEO

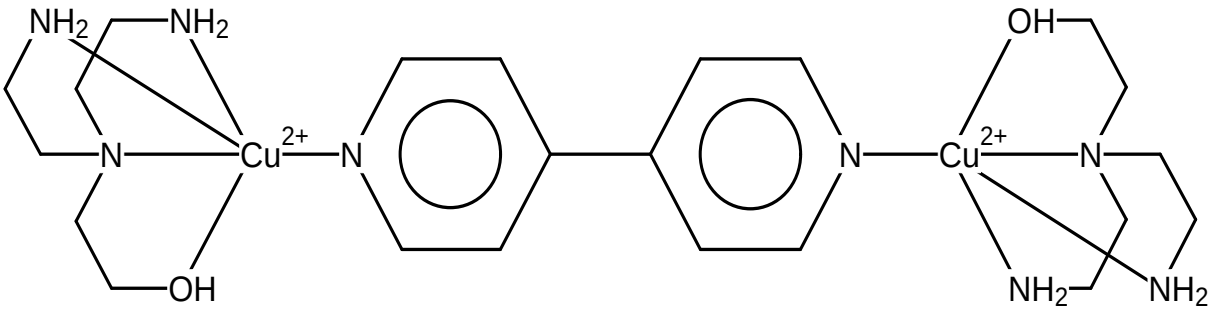
Reference: Jian Gao, Xing-You Xu, Ming-Yan Wang, Qing-Liang Liu, Hai-Bing Song (2005) *J.Coord.Chem.* ,**58,**1351

Formula: $C_{22}\ H_{42}\ Cu_2\ N_8\ O_2\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$),0.5($C_{10}\ H_8\ N_2$),4($H_2\ O_1$)

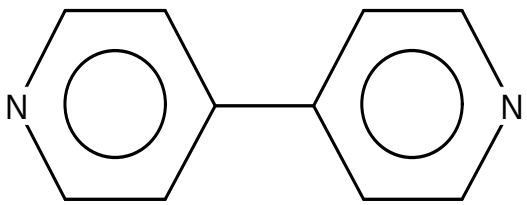
Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(2-(bis(2-aminoethyl)amino)ethanol-N,N',N'',O)-di-copper(ii) tetraperchlorate hemikis(4,4'-bipyridine) tetrahydrate

Space Group:	C2	***Cell:***	***a***	33.717(10)	***b*** 12.078(4)	***c***	11.386(3)
Space Group No.:	5	***(Å,°)***	α	90.00	β 103.98(0)	γ	90.00

R-Factor (%): 6.38 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.662



ClO_4^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1788

PAXXAO

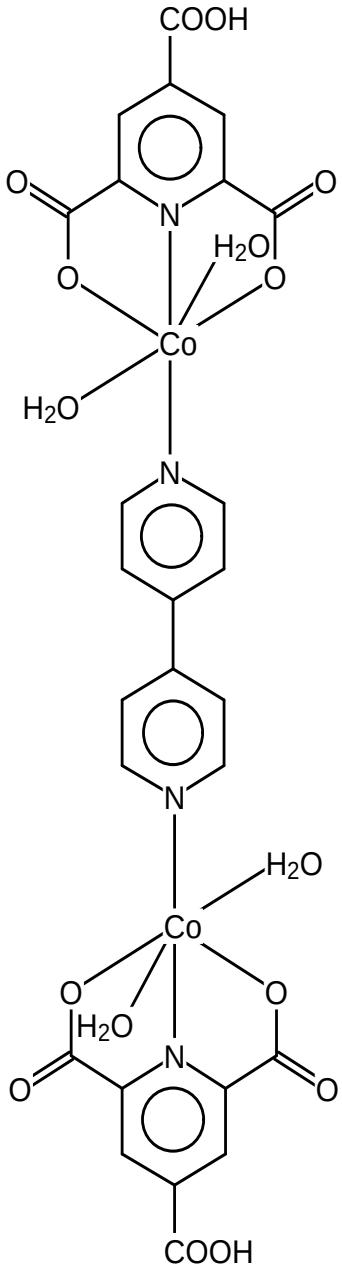
Reference: S.K.Ghosh, P.K.Bharadwaj (2005)
J.Chem.Sci.(Bangalore,India) ,**117,**23

Formula: $C_{26}\ H_{22}\ Co_2\ N_4\ O_{16}$,2($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-tetraaqua-bis(4-carboxypyridine-2,6-dicarboxylato-N,O,O')-di-cobalt(ii) dihydrate

Space Group:	P21/c	***Cell:***	***a***	11.441(5)	***b*** 20.212(5)	***c***	7.020(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.77(0)	γ	90.00

R-Factor (%):	3.63	***Temperature(K):***	100	***Density(g/cm^3):***	1.686



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1789

PAXXIW

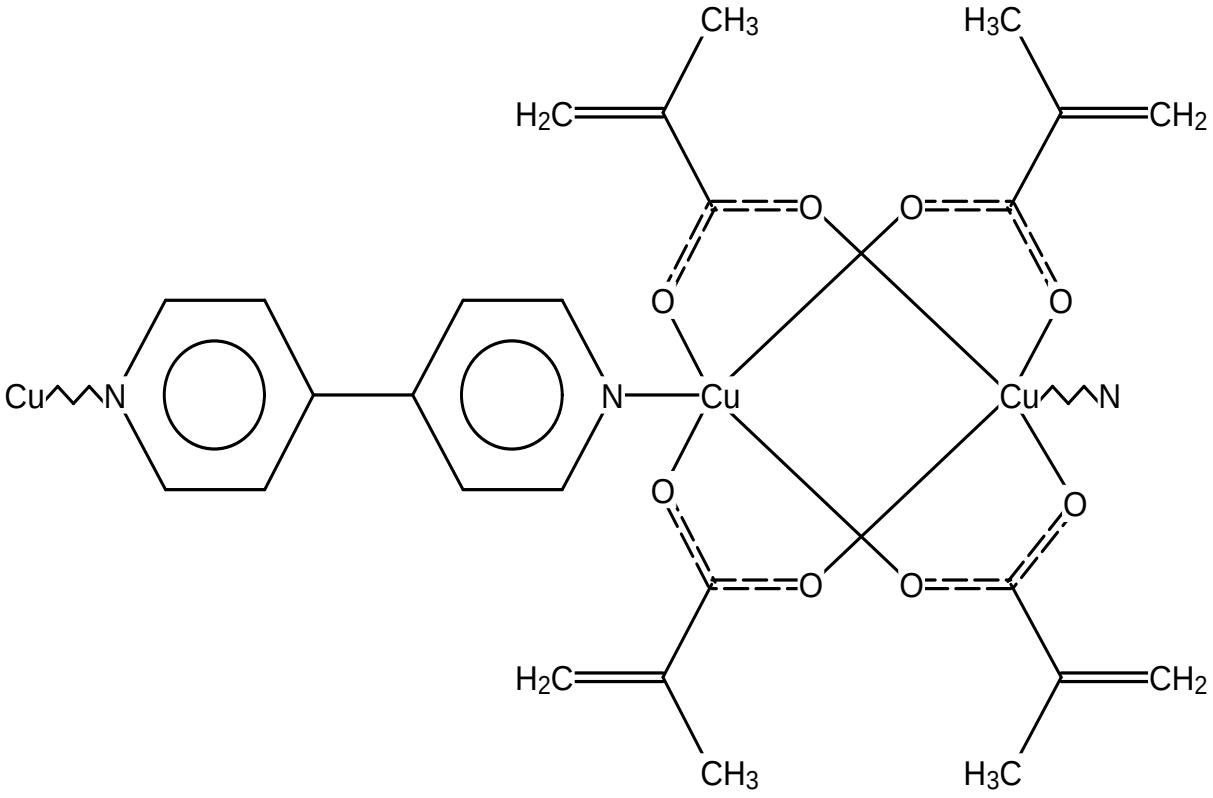
Reference: Ping Liu, Yao-Yu Wang, Dong-Sheng Li, Xin-Jun Luan, Song Gao, Qi-Zhen Shi (2005) *Chin.J.Chem. ,***23,**204

Formula: $(C_{26}\ H_{28}\ Cu_2\ N_2\ O_8)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-methacrylato)-di-copper(ii)]

Space Group:	C2/c	***Cell:***	***a***	17.915(2)	***b*** 17.287(2)	***c***	9.764(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 113.30(0)	γ	90.00

R-Factor (%): 4.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.491



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1790

PAZHUU

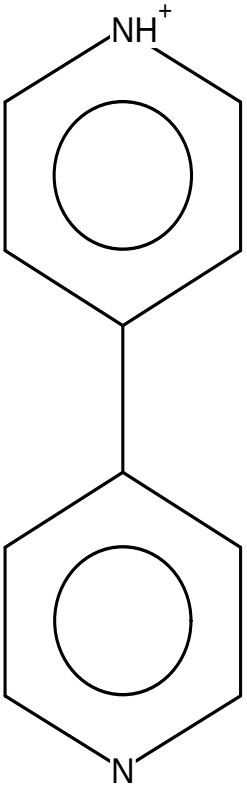
Reference: Yun-Yin Niu, E.Ye, Hong-Yun Zhang, Hong-Wei Hou, S.W.Ng (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**61,**m2736

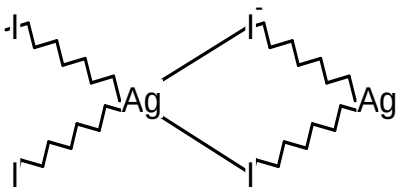
Formula: $(C_{10}\ H_9\ N_2\ ^{1+})n,n(Ag_1\ I_2\ ^{1-})$

Compound Name: catena-((4,4'-Bipyridinium) bis(μ_2-iodo)-silver(i))

Space Group:	C2/c	***Cell:***	***a***	13.604(0)	***b*** 13.946(0)	***c***	7.152(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.03(0)	γ	90.00

R-Factor (%): 4.10 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 2.607





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1791

PAZRUE

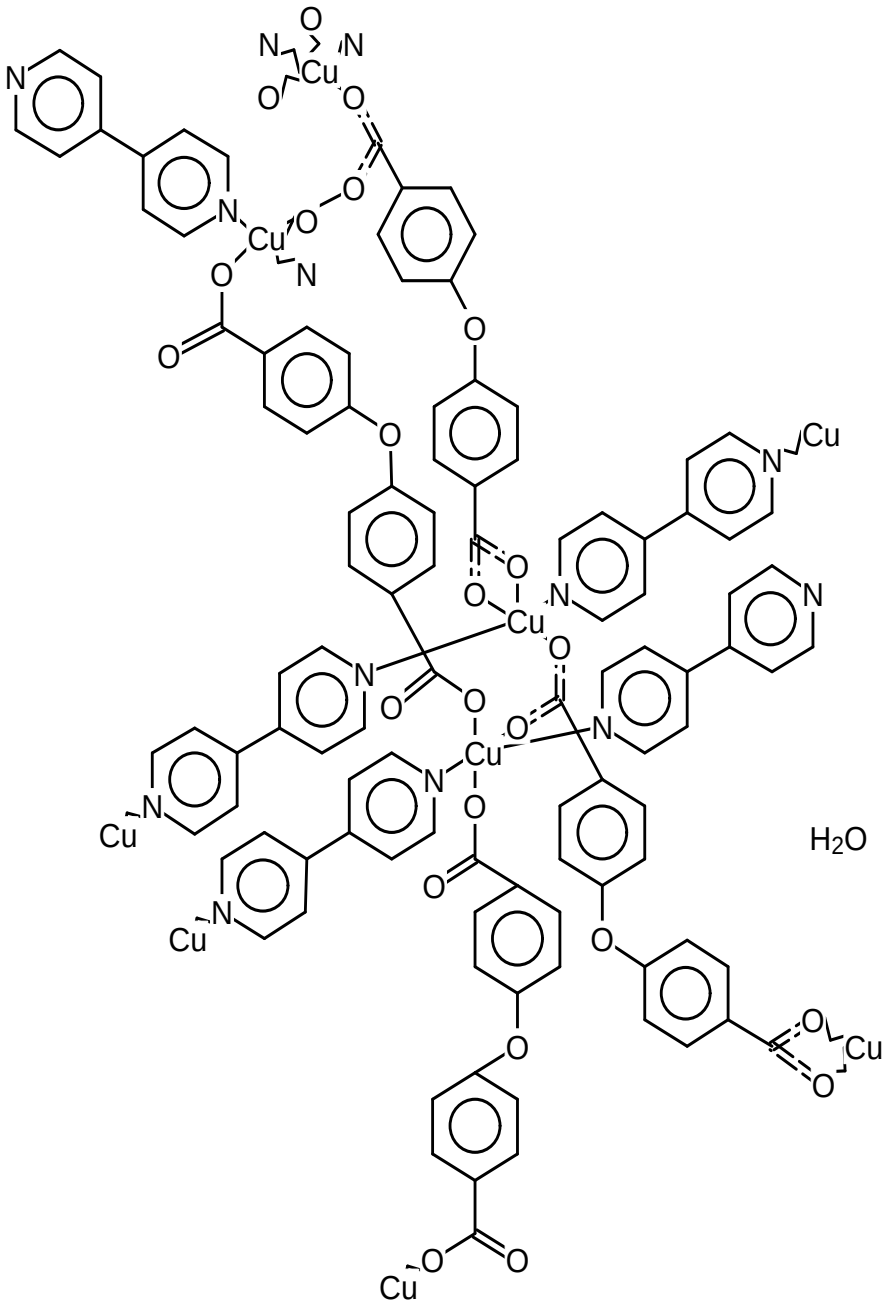
Reference: Chang-Yan Sun, Lin-Pei Jin (2006) *J.Mol.Struct.* ,**782,**171

Formula: $(C_{106}\ H_{72}\ Cu_4\ N_{10}\ O_{20})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-4,4'-oxybis(benzoato))-bis(μ_2-4,4'-oxybis(benzoato))-tris(μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridine)-tetra-copper(ii) tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	15.274(6)	***b***	16.975(7)	***c*** 19.316(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	112.10(0)	γ 90.00

R-Factor (%): 6.86 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1792

PAZSAL

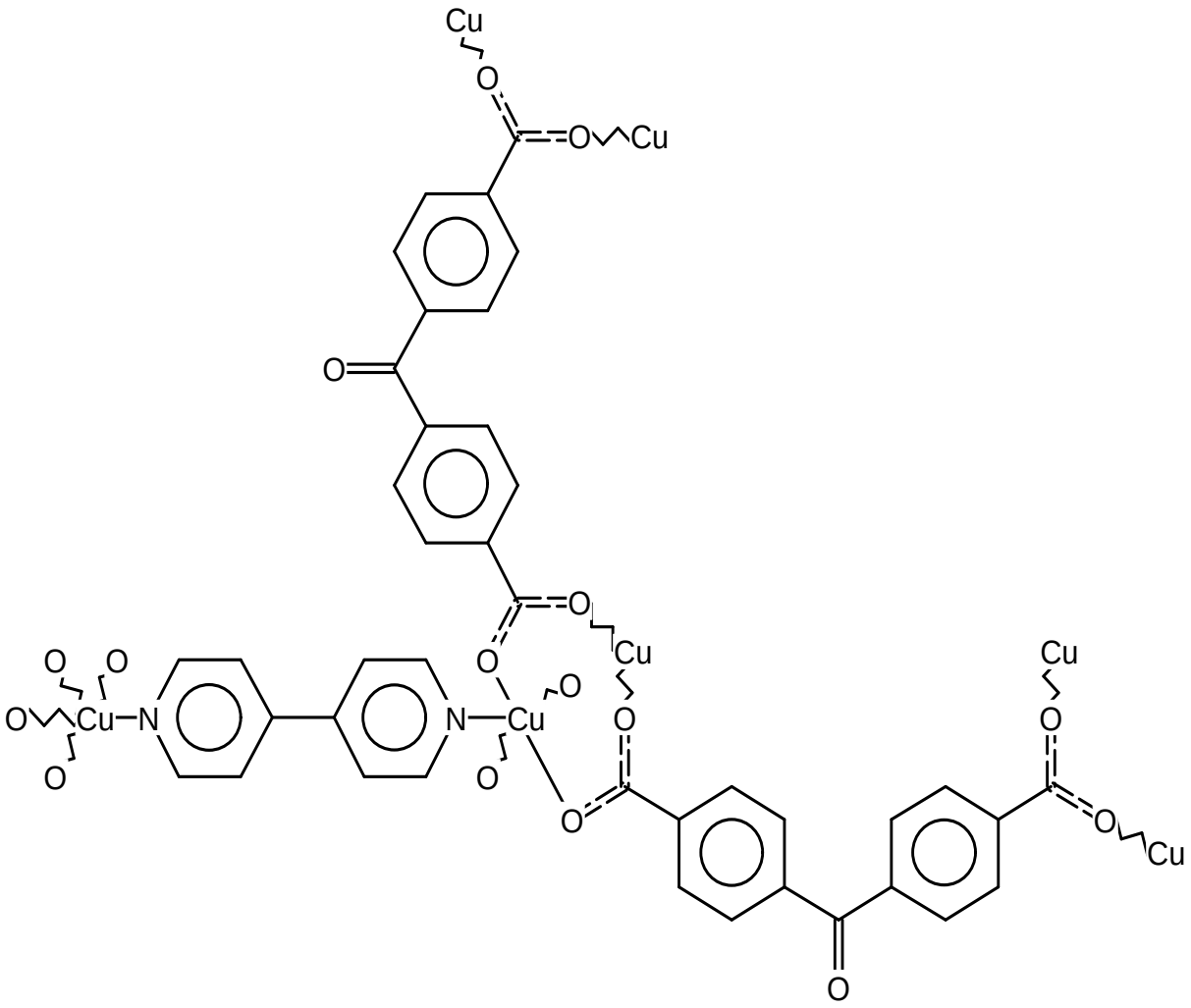
Reference: Chang-Yan Sun, Lin-Pei Jin (2006) *J.Mol.Struct.* ,**782,**171

Formula: $(C_{40}\ H_{24}\ Cu_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_4-Benzophenone-4,4'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-di-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	22.697(3)	***b*** 13.775(2)	***c***	12.841(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.96(0)	γ	90.00

R-Factor (%): 4.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.565



Search: search1 (Thu May 26 10:05:42 2011): Hit 1793

PAZTEQ

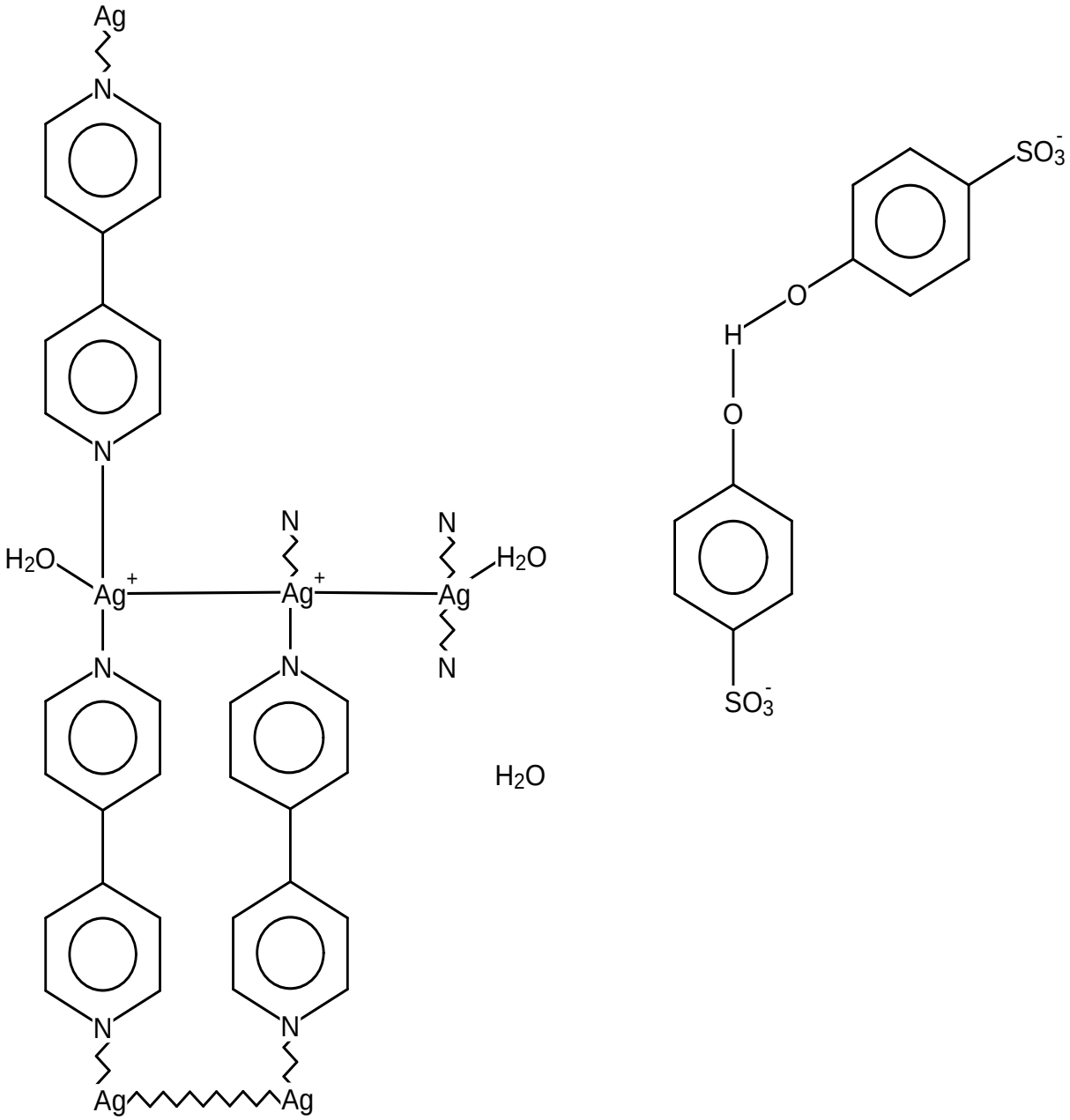
Reference: Fang-Fang Li, Jian-Fang Ma, Shu-Yan Song, Jin Yang, Heng-Qing Jia, Ning-Hai Hu (2006) *Cryst.Growth Des.* ,**6,**209

Formula: $(C_{30}\ H_{28}\ Ag_3\ N_6\ O_2\ ^{2+})n,n(C_{12}\ H_9\ O_8\ S_2\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine)-diaqua-tri-silver(i) (hydrogen bis(4-oxybenzenesulfonate)) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	25.227(3)	***b*** 11.430(1)	***c***	18.886(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.87(0)	γ	90.00

R-Factor (%): 3.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.875



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1794

PECCIK

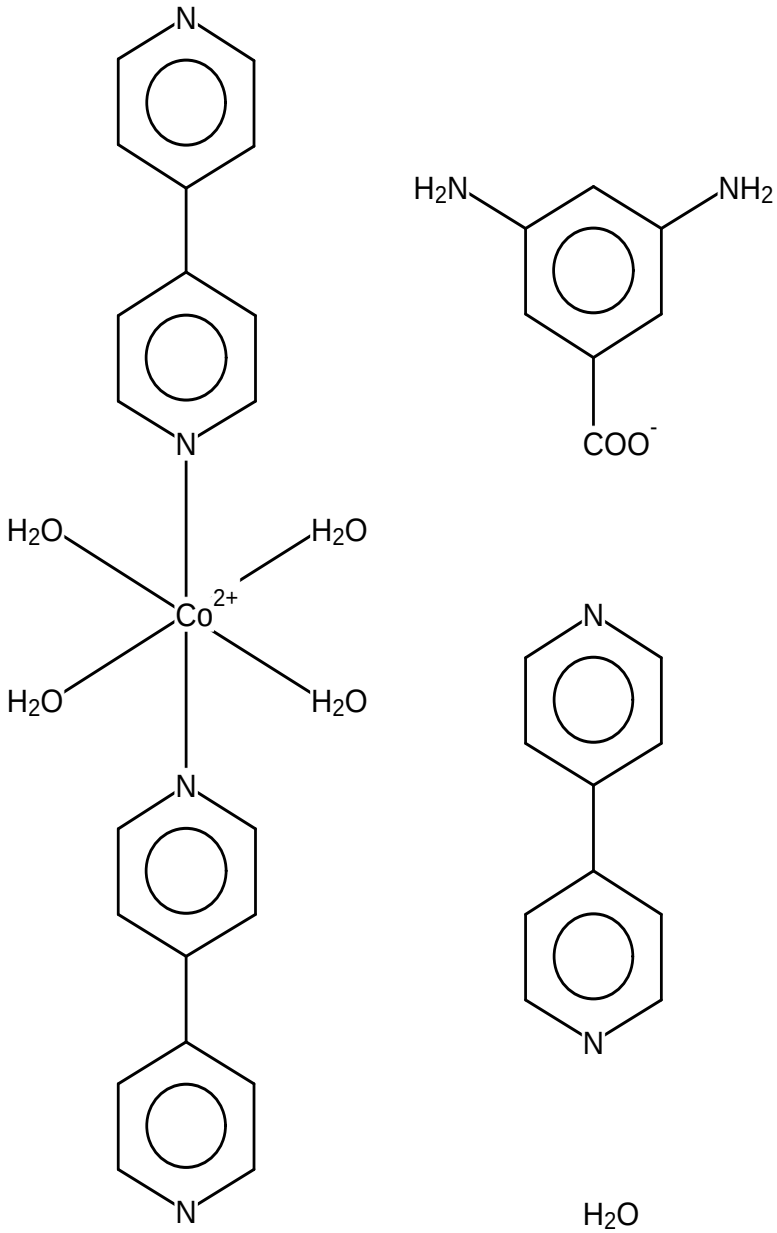
Reference: You-Huan Wei, An-Zhi Tan, Zi-Lu Chen, Fu-Pei Liang, Rui-Xiang Hu (2006) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* , **22,**273

Formula: $C_{20}\ H_{24}\ Co_1\ N_4\ O_4\ ^{2+}$,2($C_7\ H_7\ N_2\ O_2\ ^{1-}$),2($C_{10}\ H_8\ N_2$),8($H_2\ O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-cobalt(ii) bis(3,5-diaminobenzoate) bis(4,4'-bipyridine) octahydrate

Space Group:	P2/c	***Cell:***	***a***	9.389(2)	***b***	7.751(1)	***c*** 39.284(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.14(2)	γ 90.00

R-Factor (%): 3.49 ***Temperature(K):*** 287 ***Density(g/cm^3):*** 1.397



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1795

PECCOQ

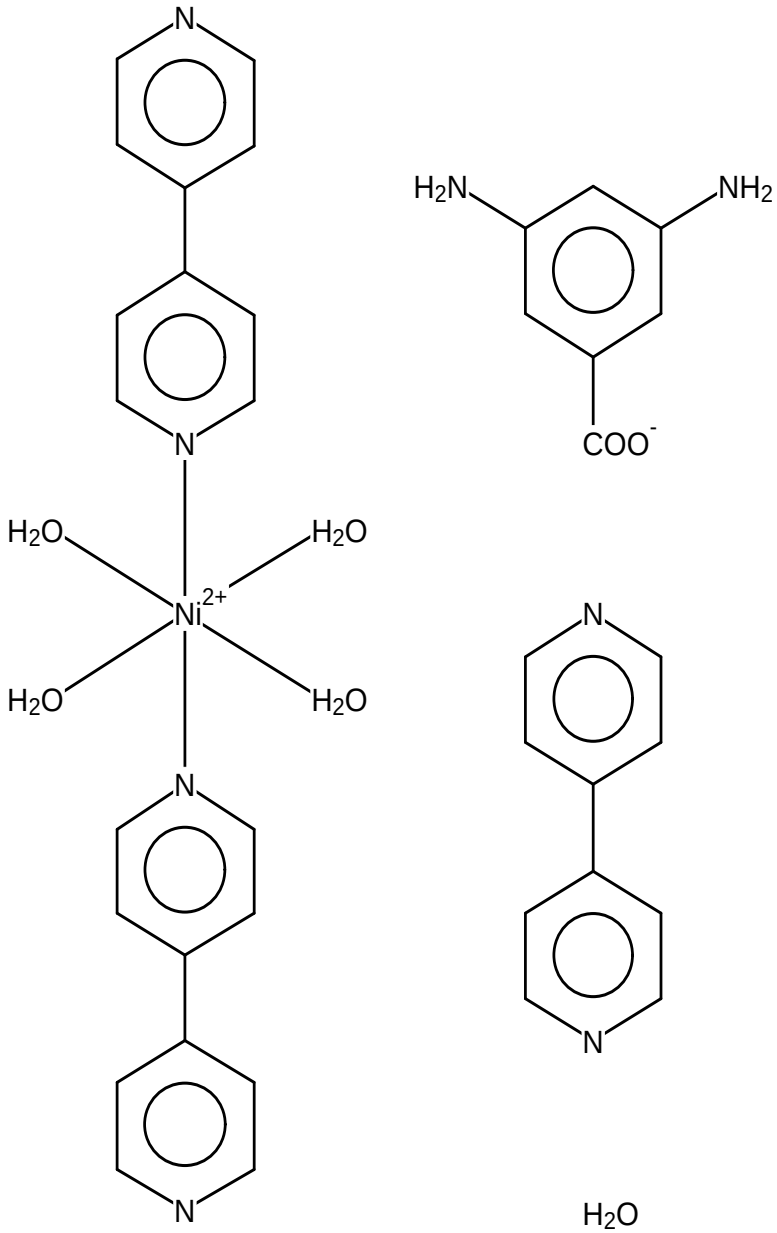
Reference: You-Huan Wei, An-Zhi Tan, Zi-Lu Chen, Fu-Pei Liang, Rui-Xiang Hu (2006) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* , **22,**273

Formula: $C_{20}\ H_{24}\ N_4\ Ni_1\ O_4\ ^{2+}$,2($C_7\ H_7\ N_2\ O_2\ ^{1-}$),2($C_{10}\ H_8\ N_2$),8($H_2\ O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-nickel(ii) bis(3,5-diaminobenzoate) bis(4,4'-bipyridine) octahydrate

Space Group:	P2/c	***Cell:***	***a***	9.383(2)	***b***	7.753(1)	***c*** 39.218(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.09(1)	γ 90.00

R-Factor (%): 3.66 ***Temperature(K):*** 287 ***Density(g/cm^3):*** 1.399



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1796

PECCUW

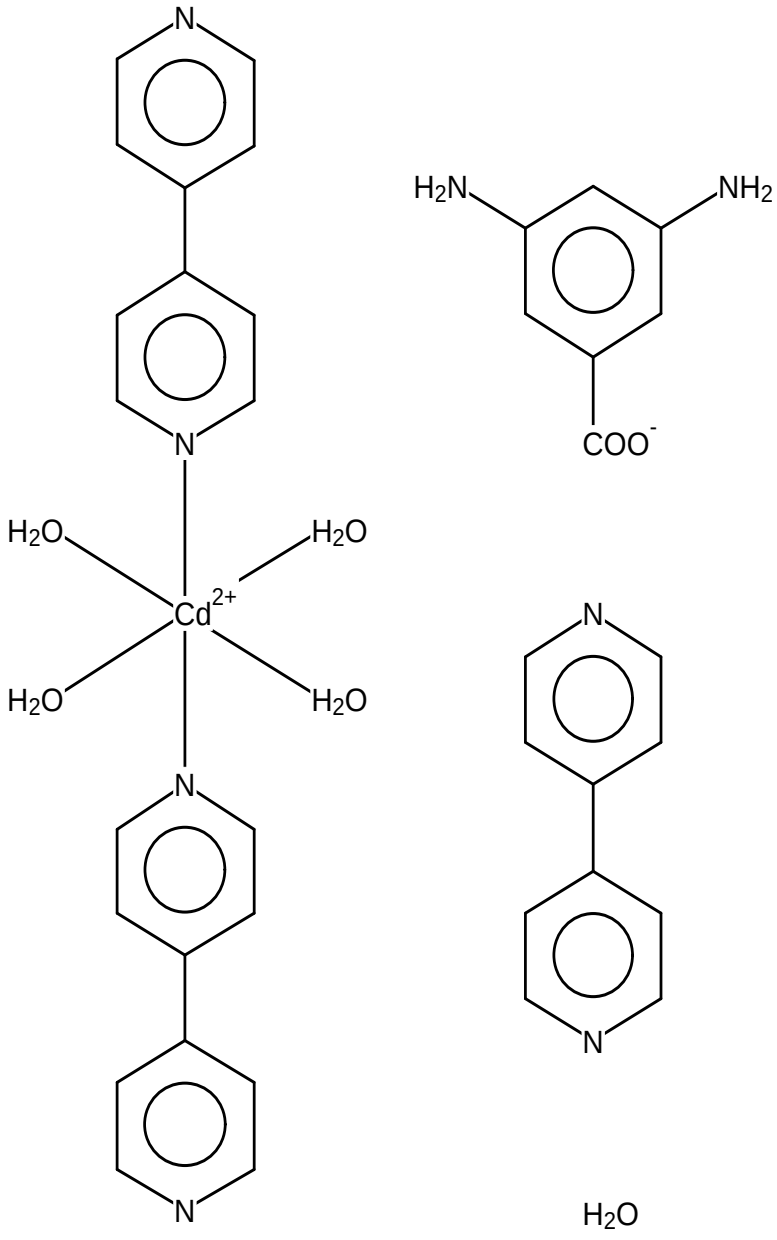
Reference: You-Huan Wei, An-Zhi Tan, Zi-Lu Chen, Fu-Pei Liang, Rui-Xiang Hu (2006) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* , **22,**273

Formula: $C_{20}\ H_{24}\ Cd_1\ N_4\ O_4\ ^{2+}$,2($C_7\ H_7\ N_2\ O_2\ ^{1-}$),2($C_{10}\ H_8\ N_2$),8($H_2\ O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-cadmium(ii) bis(3,5-diaminobenzoate) bis(4,4'-bipyridine) octahydrate

Space Group:	P2/c	***Cell:***	***a***	9.409(1)	***b***	7.789(1)	***c***	39.712(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.10	γ	90.00

R-Factor (%): 4.68 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.433



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1797

PECMOZ

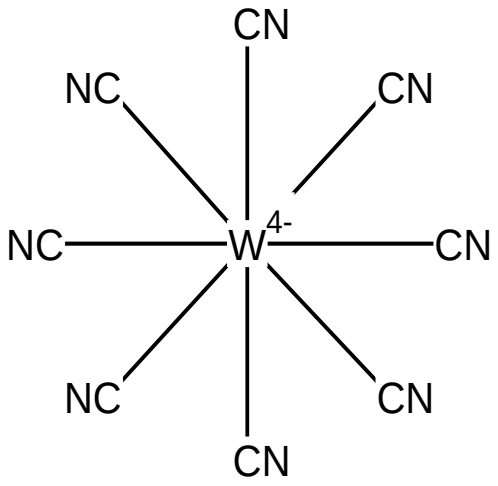
Reference: N.W.Alcock, A.Samotus, J.Szklarzewicz (1993)
J.Chem.Soc.,Dalton Trans. ,885

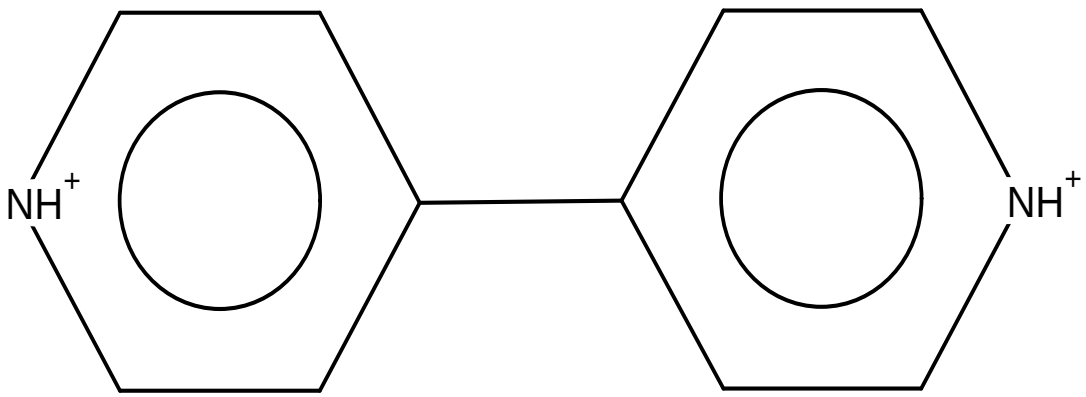
Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),C_8\ N_8\ W_1\ ^{4-},4.5(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridinium) octacyanotungstate(iv) hydrate

Space Group:	P21/c	***Cell:***	***a***	11.281(5)	***b***	9.198(5)	***c*** 30.113(24)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.21(5)	γ 90.00

R-Factor (%): 3.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.679





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1798

PEDMIV

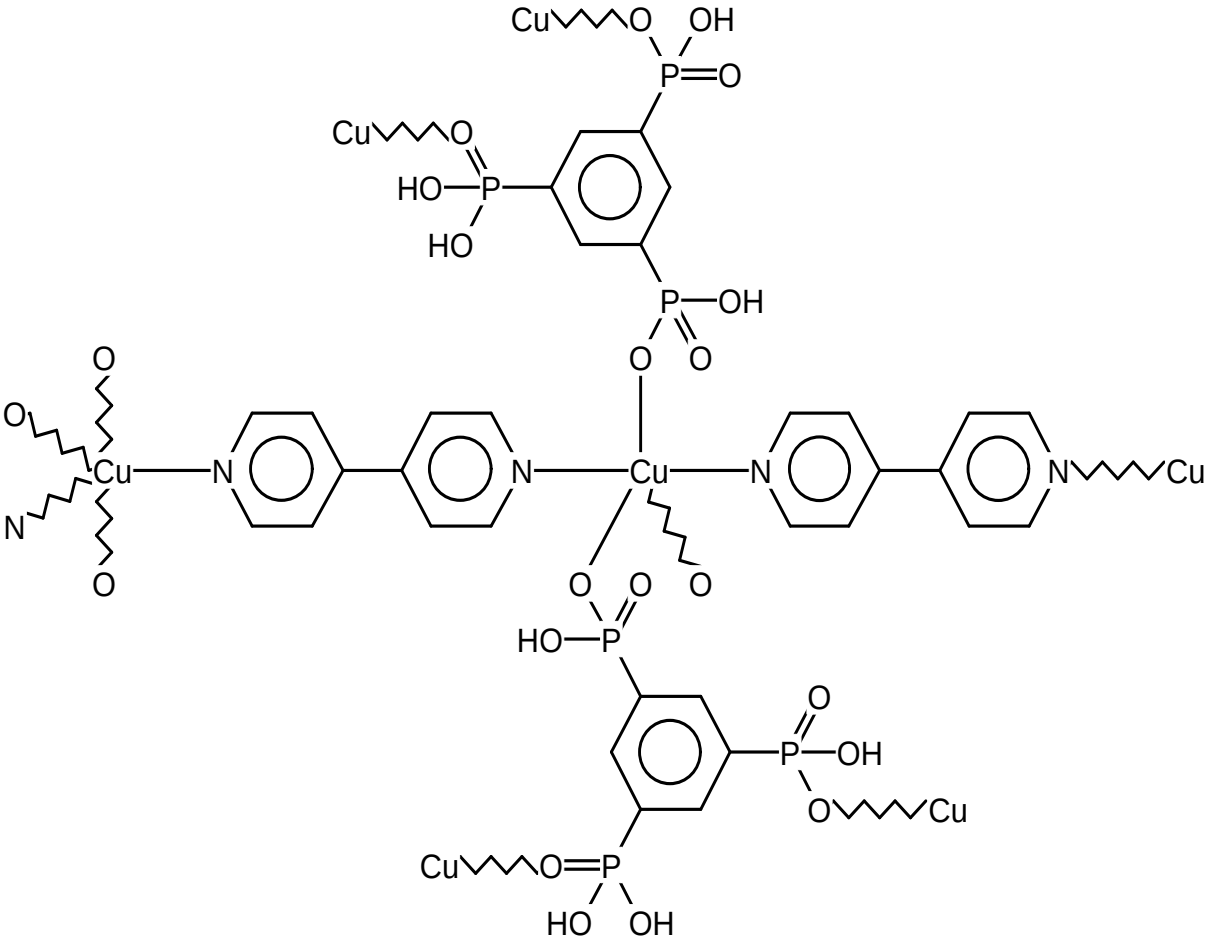
Reference: Deyuan Kong, J.Zon, J.McBee, A.Clearfield (2006) *Inorg.Chem. ,***45,**977

Formula: $(C_{32}\ H_{30}\ Cu_2\ N_4\ O_{18}\ P_6)n$

Compound Name: catena-(bis(μ_3-benzene-3,5-bis(hydrogen phosphonato)-1-phosphonic acid)-bis(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	P-1	***Cell:***	***a***	8.122(1)	***b***	8.435(1)	***c*** 16.413(2)
Space Group No.:	2	***(Å,°)***	α	102.35(0)	β	94.63(0)	γ 113.69(0)

R-Factor (%): 3.56 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.800



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1799

PEFPAS

Reference: Rui-Hu Wang, Ya-Qiong Gong, Lei Han, Da-Qiang Yuan, Ben-Yong Lou, Ben-Lai Wu, Mao-Chun Hong (2006) *J.Mol.Struct. ,***784,** 1

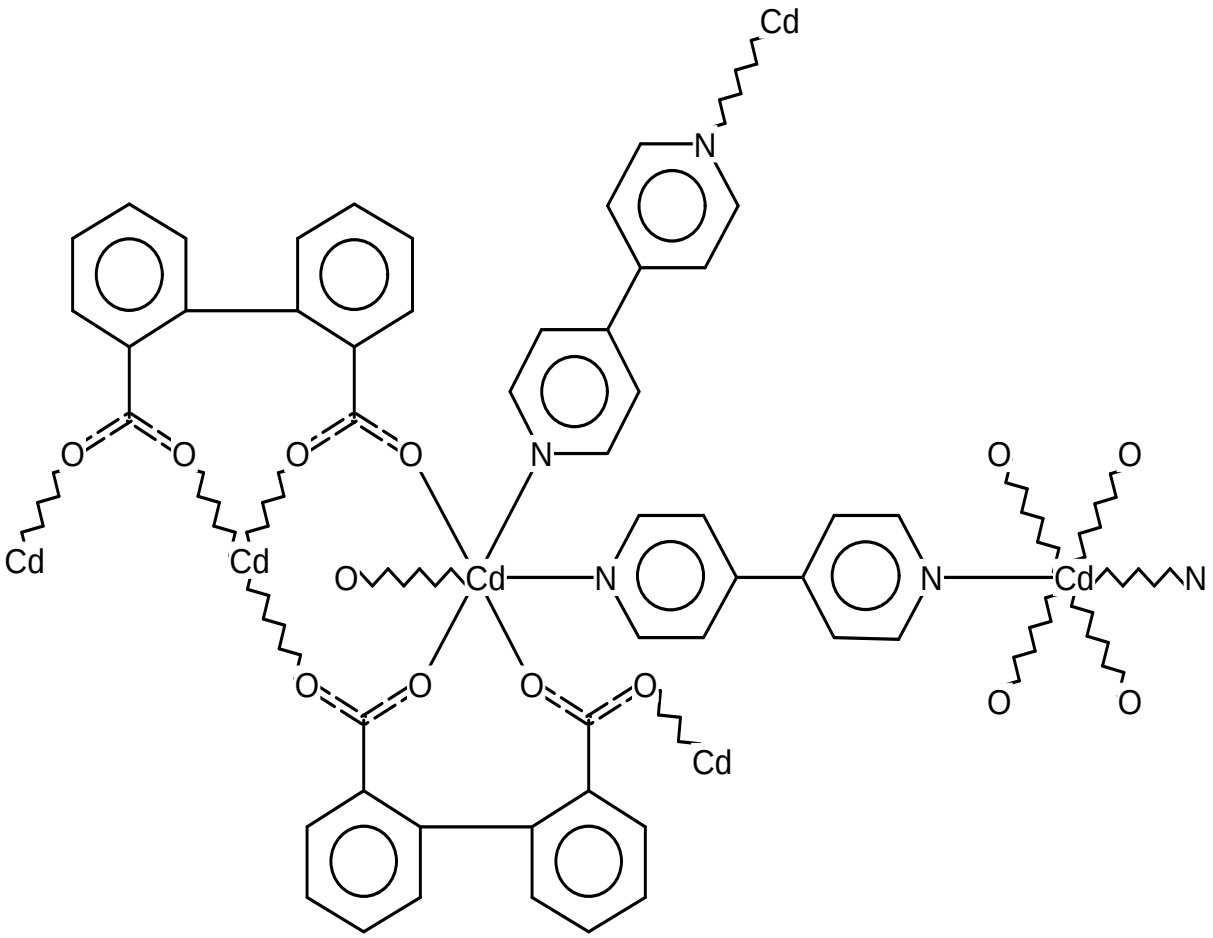
Formula: $(C_{48}\ H_{32}\ Cd_2\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-(bis((μ3-syn,anti-Diphenoato)-(μ2-4,4'-bipyridyl)-cadmium(ii)) monohydrate)

Synonym: catena-(bis((μ3-1,1'-Biphenyl-2,2'-syn,anti-dicarboxylato)-(μ2-4,4'-bipyridyl)-cadmium(ii)) monohydrate)

Space Group:	Pna21	***Cell:***	***a***	17.589(6)	***b*** 23.432(8)	***c***	10.011(4)
Space Group No.:	33	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.667



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1800

PEGHEO

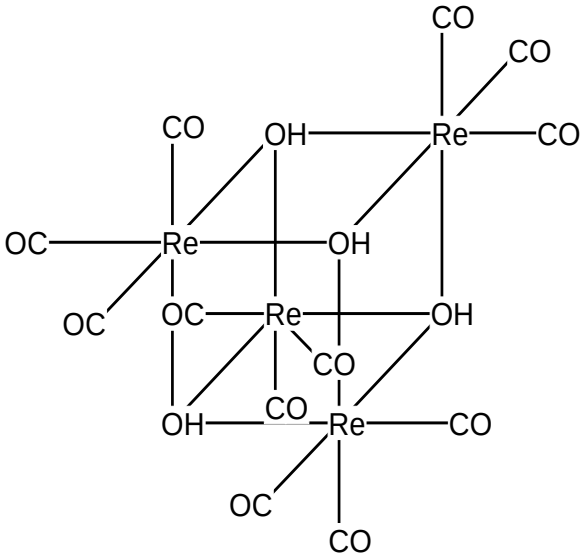
Reference: S.B.Copp, S.Subramanian, M.J.Zaworotko (1993)
*Angew.Chem.,Int.Ed. ,***32,**706

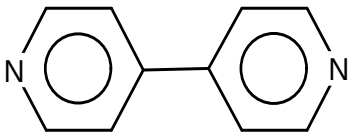
Formula: $2(C_{10}\ H_8\ N_2),C_{12}\ H_4\ O_{16}\ Re_4,2(C_1\ H_4\ O_1)$

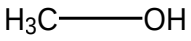
Compound Name: Dodecacarbonyl-tetrakis(μ_3-hydroxo)-tetra-rhenium(i) 4,4'-bipyridine clathrate acetonitrile solvate

Space Group:	P2/c	***Cell:***	***a***	10.541(1)	***b***	11.697(1)	***c***	17.868(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β	94.37(4)	γ	90.00

R-Factor (%): 3.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.306







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1801

PEHKIW

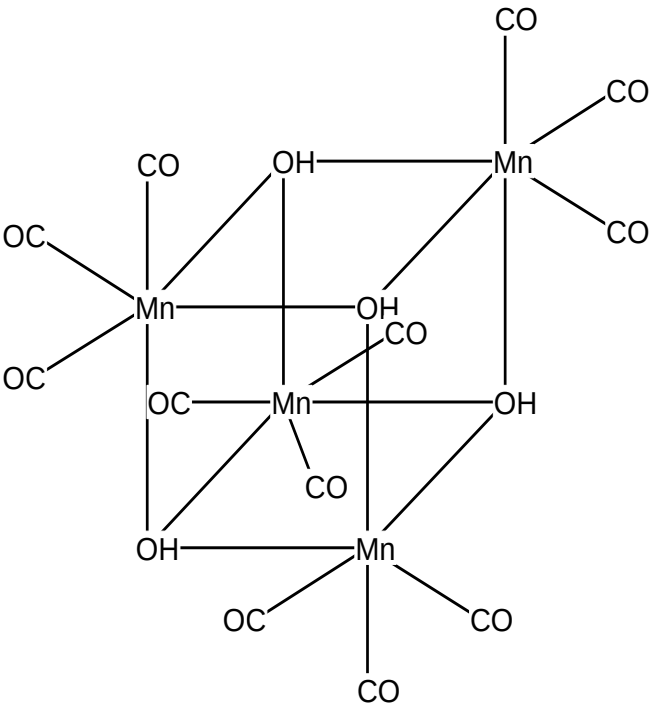
Reference: S.B.Copp, S.Subramanian, M.J.Zaworotko (1993) *Chem.Commun.* ,1078

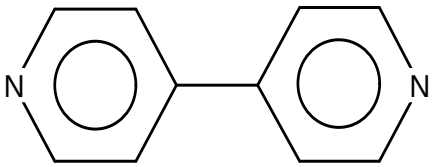
Formula: $2(C_{10}H_8N_2),C_{12}H_4Mn_4O_{16},2(C_2H_3N_1)$

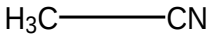
Compound Name: tetrakis((μ3-Hydroxo)-tricarbonyl-manganese) bis(4,4'-bipyridine) acetonitrile clathrate

Space Group:	P4/nnc	***Cell:***	***a***	13.984(4)	***b***	13.984(4)	***c***	23.416(9)
Space Group No.:	126	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.00	***Temperature(K):***	295	***Density(g/cm3):***	1.477







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1802

PEHKIW10

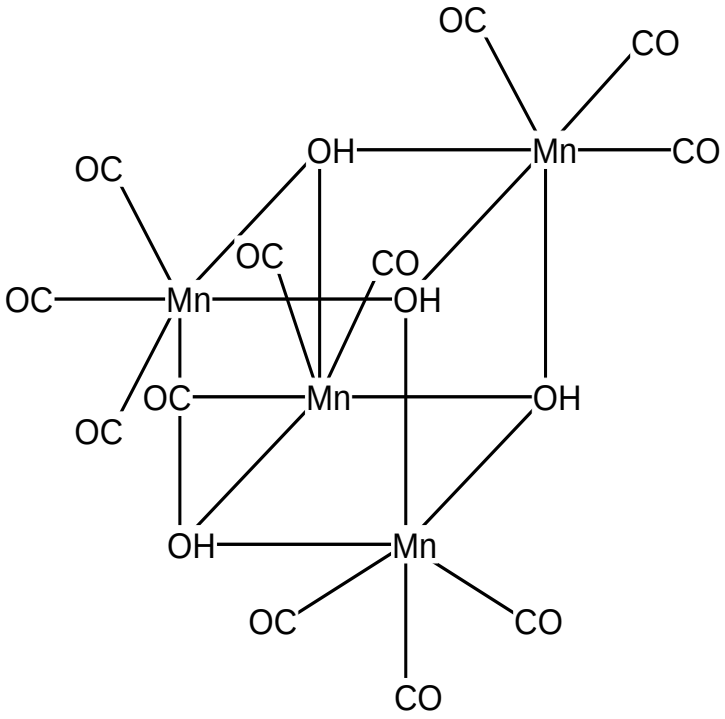
Reference: S.B.Copp, K.T.Holman, J.O.S.Sangster, S.Subramanian, M.J.Zaworotko (1995) *J.Chem.Soc.,Dalton Trans.* ,2233

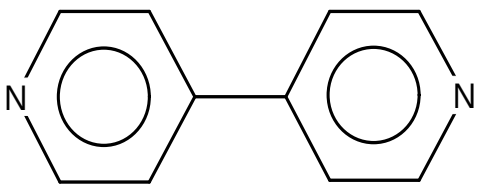
Formula: $C_{12}\ H_4\ Mn_4\ O_{16}$,2($C_{10}\ H_8\ N_2$),2($C_2\ H_3\ N_1$)

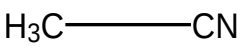
Compound Name: tetrakis((μ_3-Hydroxo)-tricarbonyl-manganese(i)) bis(4,4'-bipyridine) acetonitrile clathrate

Space Group:	P4/nnc	***Cell:***	***a***	13.984(4)	***b***	13.984(4)	***c***	23.416(9)
Space Group No.:	126	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.477







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1803

PEHQUP

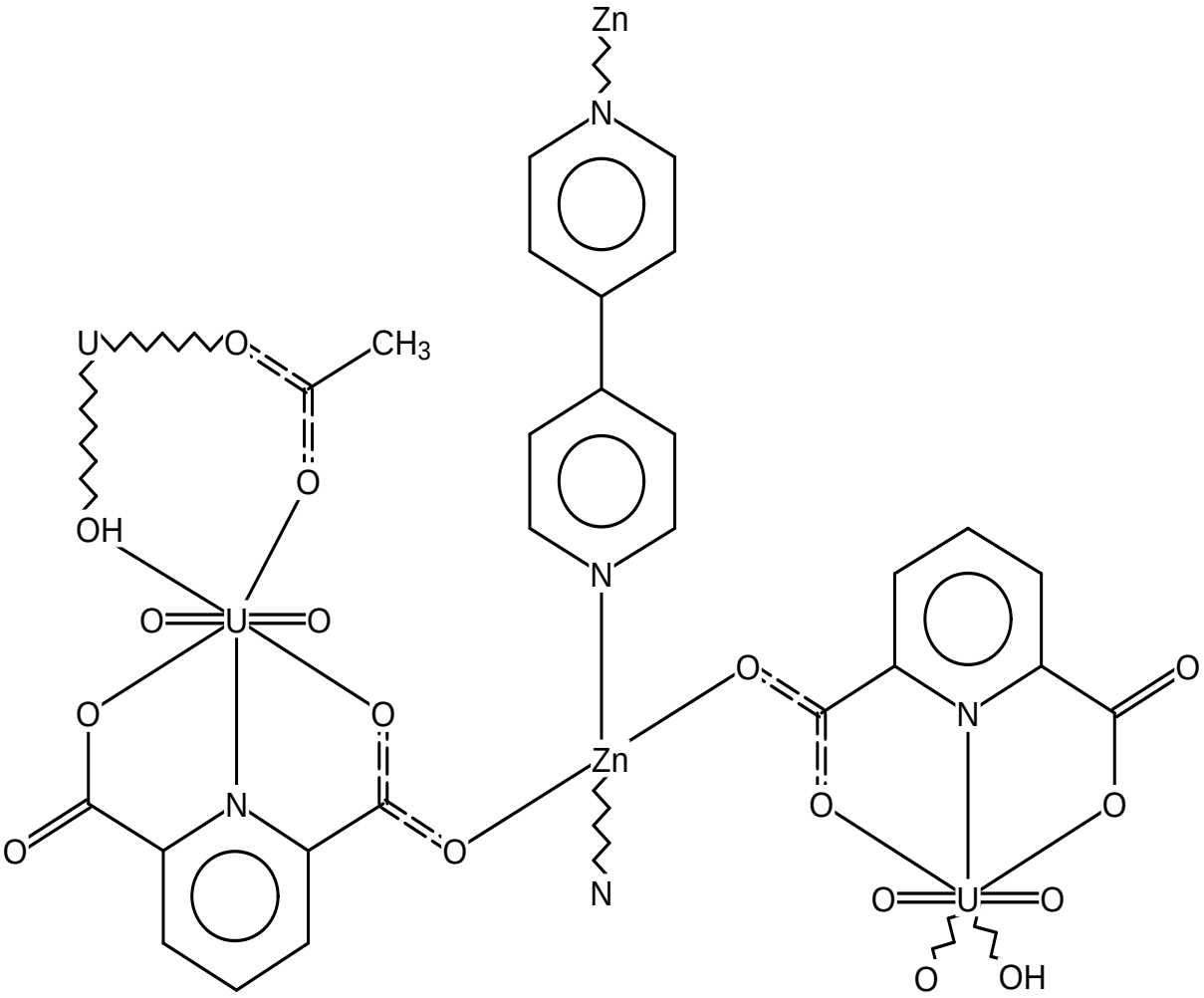
Reference: Yu-Sheng Jiang, Guang-Hua Li, Ye Tian, Zuo-Lei Liao, Jie-Sheng Chen (2006) *Inorg.Chem.Commun.* ,**9,**595

Formula: $(C_{26}\ H_{18}\ N_4\ O_{15}\ U_2\ Zn_1)n,9n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-acetato)-bis(μ_2-pyridine-2,6-dicarboxylato)-(μ_2-hydroxo)-tetraoxo-di-uranium-zinc nonahydrate)

Space Group:	P21/m	***Cell:***	***a*** 7.198(0)	***b*** 22.578(1)	***c*** 11.804(0)
Space Group No.:	11	***(Å,°)***	α 90.00	β 95.91(0)	γ 90.00

R-Factor (%): 3.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.315



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1804

PEKXOT

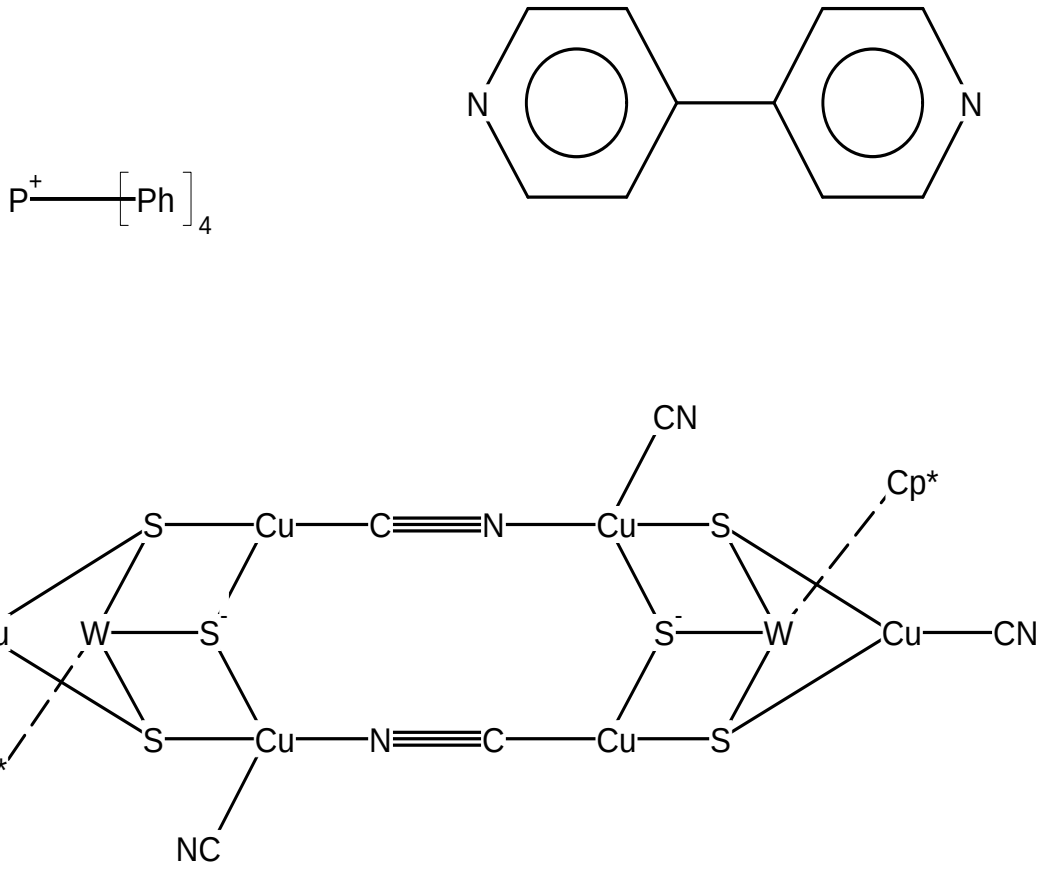
Reference: Qing-Feng Xu, Jin-Xiang Chen, Wen-Hua Zhang, Zhi-Gang Ren, Hong-Xi Li, Yong Zhang, Jian-Ping Lang (2006) *Inorg.Chem. ,***45,**4055

Formula: $2(C_{24}\,H_{20}\,P_1\,^{1+}),C_{26}\,H_{30}\,Cu_6\,N_6\,S_6\,W_2\,^{2-},0.5(C_{10}\,H_8\,N_2)$

Compound Name: bis(Tetraphenylphosphonium) hexakis(μ_3-sulfido)-bis(μ_2-cyano)-bis(η^5-pentamethyl-cyclopentadienyl)-tetracyano-hexa-copper(i)-di-tungsten(vi) hemikis(4,4'-bipyridyl)

Space Group:	P-1	***Cell:***	***a***	9.964(2)	***b***	14.490(2)	***c***	16.071(3)
Space Group No.:	2	***(Å,°)***	α	78.13(0)	β	83.88(1)	γ	77.82(0)

R-Factor (%): 6.30 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1805

PEKYAG

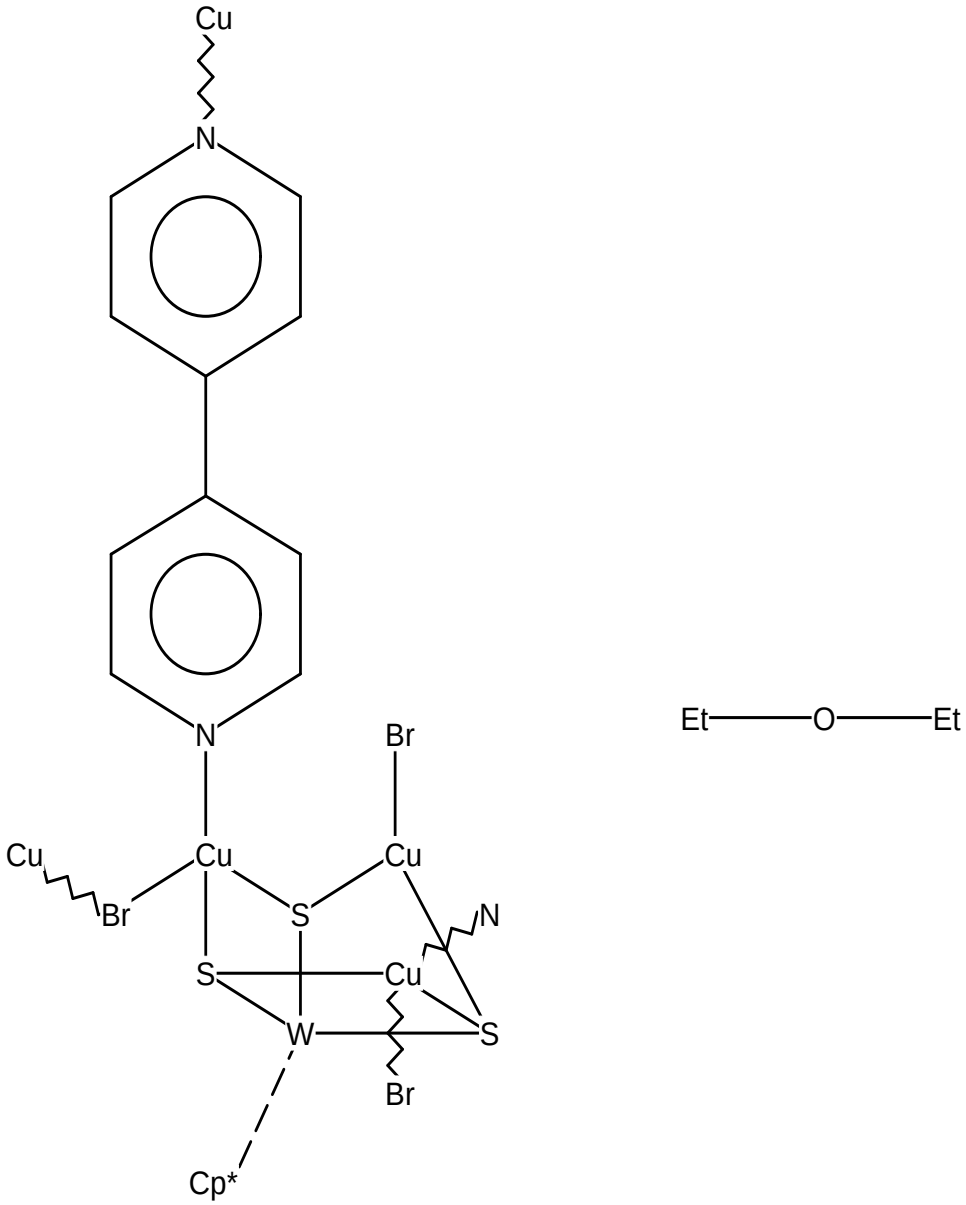
Reference: Qing-Feng Xu, Jin-Xiang Chen, Wen-Hua Zhang, Zhi-Gang Ren, Hong-Xi Li, Yong Zhang, Jian-Ping Lang (2006) *Inorg.Chem. ,***45,**4055

Formula: $(C_{20}\ H_{23}\ Br_2\ Cu_3\ N_2\ S_3\ W_1)n,n(C_4\ H_{10}\ O_1)$

Compound Name: catena-[tris(μ_3-Sulfido)-(μ_2-4,4'-bipydidyl)-(μ_2-bromo)-(η^5-pentamethyl-cyclopentadienyl)-bromo-tri-copper(i)-tungsten(vi) diethyl ether solvate]

Space Group:	Pbcn	***Cell:***	***a***	19.529(3)	***b***	14.994(2)	***c***	22.238(3)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	6.90	***Temperature(K):***	193	***Density(g/cm^3):***	2.032



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1806

PEKZIP

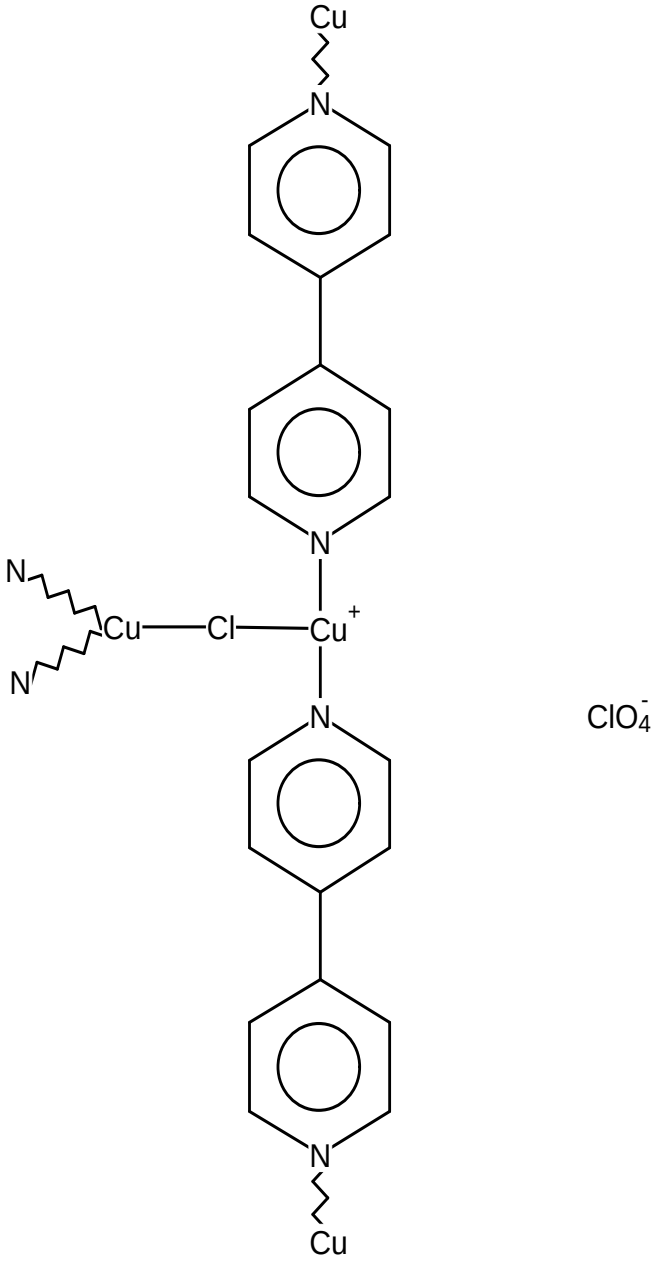
Reference: Cheng-Zhi Xie, Ze-Feng Zhang, Bao-Feng Zhang, Xiao-Qing Wang, Ru-Ji Wang, Guang-Qiu Shen, De-Zhong Shen, Bin Ding (2006) *Eur.J.Inorg.Chem.* ,1337

Formula: $(C_{20}\ H_{16}\ Cl_1\ Cu_2\ N_4\ ^{1+})n,n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-[(μ_2-Chloro)-bis(μ_2-4,4'-bipyridyl)-di-copper(i) perchlorate]

Space Group:	Pnnn	***Cell:***	***a***	5.586(1)	***b***	12.769(4)	***c***	15.621(5)
Space Group No.:	48	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.712



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1807

PELYIP

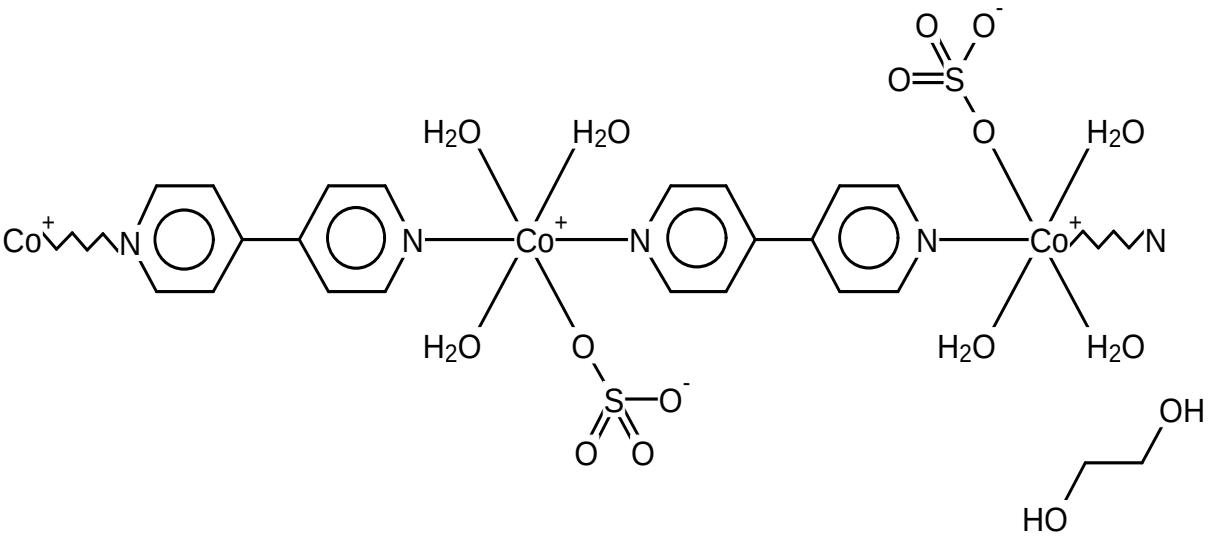
Reference: Wen-Jie Lu, Yi-Min Zhu, Kai-Long Zhong (2006)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***62,**m448

Formula: $(C_{20}\ H_{28}\ Co_2\ N_4\ O_{14}\ S_2)n,2n(C_2\ H_6\ O_2)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-hexa-aqua-bis(sulfato)-di-cobalt(ii) 1,2-ethanediol solvate)

Space Group:	P21/n	***Cell:***	***a***	7.523(1)	***b***	11.746(1)	***c***	19.475(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.67(0)	γ	90.00

R-Factor (%):	3.22	***Temperature(K):***	293	***Density(g/cm^3):***	1.668



Search: search1 (Thu May 26 10:05:42 2011): Hit 1808

PENMUR

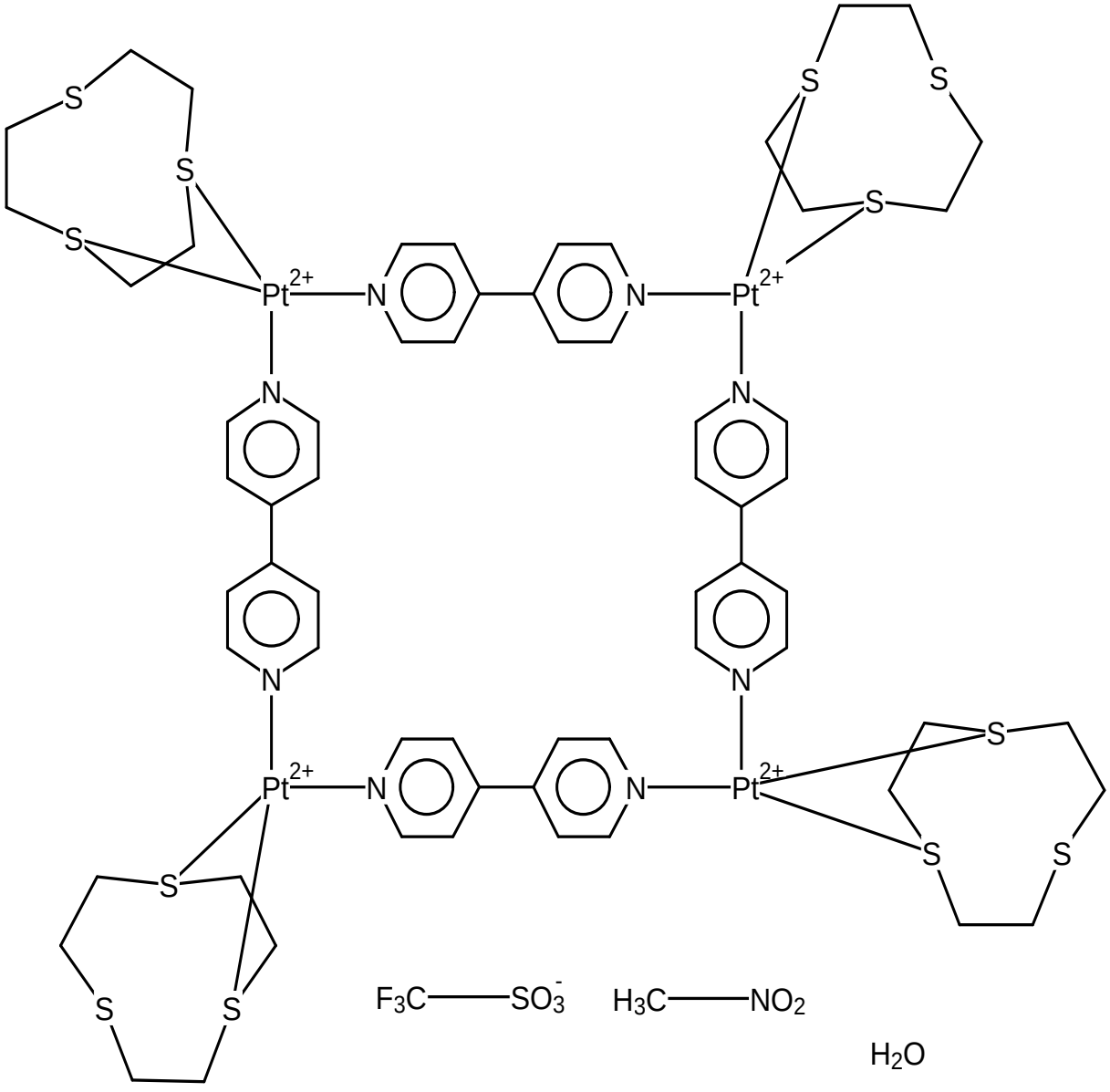
Reference: D.E.Janzen, K.N.Patel, D.G.VanDerveer, G.J.Grant (2006) *Chem.Commun.* ,3540

Formula: $C_{64}\ H_{80}\ N_8\ Pt_4\ S_{12}\ ^{8+}$,8($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_1\ H_3\ N_1\ O_2$),4($H_2\ O_1$)

Compound Name: tetrakis((μ_2-4,4'-Bipyridine)-(1,4,7-trithiacyclononane-S,S'))-tetra-platinum(ii) octakis(trifluoromethanesulfonate) nitromethane solvate tetrahydrate

Space Group:	C2/c	***Cell:***	***a***	33.022(7)	***b***	13.987(3)	***c***	26.107(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.24(3)	γ	90.00

R-Factor (%): 7.80 ***Temperature(K):*** 183 ***Density(g/cm^3):*** 1.943



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1809

PEPBUI

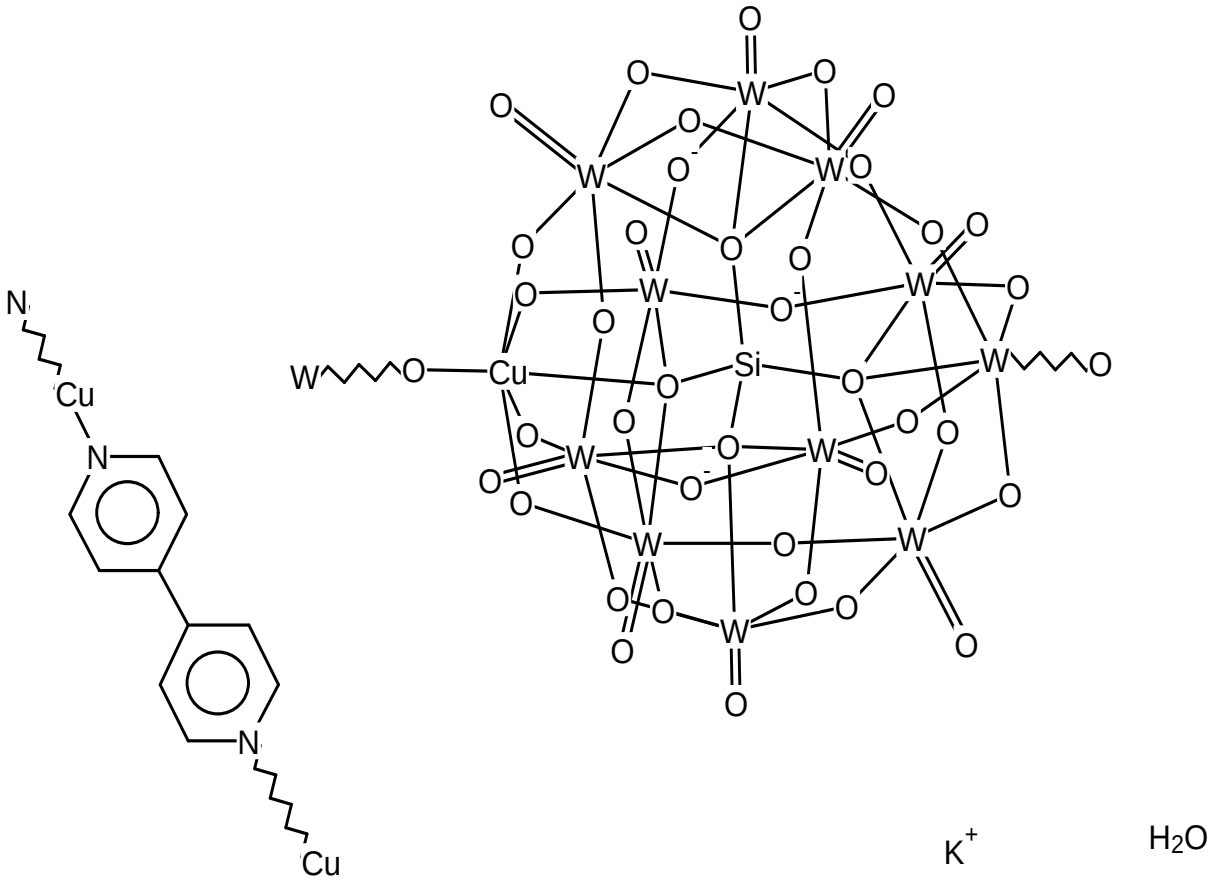
Reference: L.San Felices, P.Vitoria, J.M.Gutierrez-Zorrilla, L.Lezama, S.Reinoso (2006) *Inorg.Chem. ,***45,**7748

Formula: $(C_{10}\ H_8\ Cu_1\ N_2)3n,n(Cu_1\ O_{39}\ Si_1\ W_{11}\ ^{3-}),3n(K_1\ ^{1+}),11n(H_2\ O_1)$

Compound Name: catena-(Tri-potassium tris((μ_2-4,4'-bipyridyl)-copper(i)) (μ_2-pentatricosaoxasilicatocupraundecatungstate) undecahydrate)

Space Group:	Pbcb	***Cell:***	***a***	10.972(0)	***b***	21.596(0)	***c***	28.022(0)
Space Group No.:	54	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.78 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 3.714



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1810

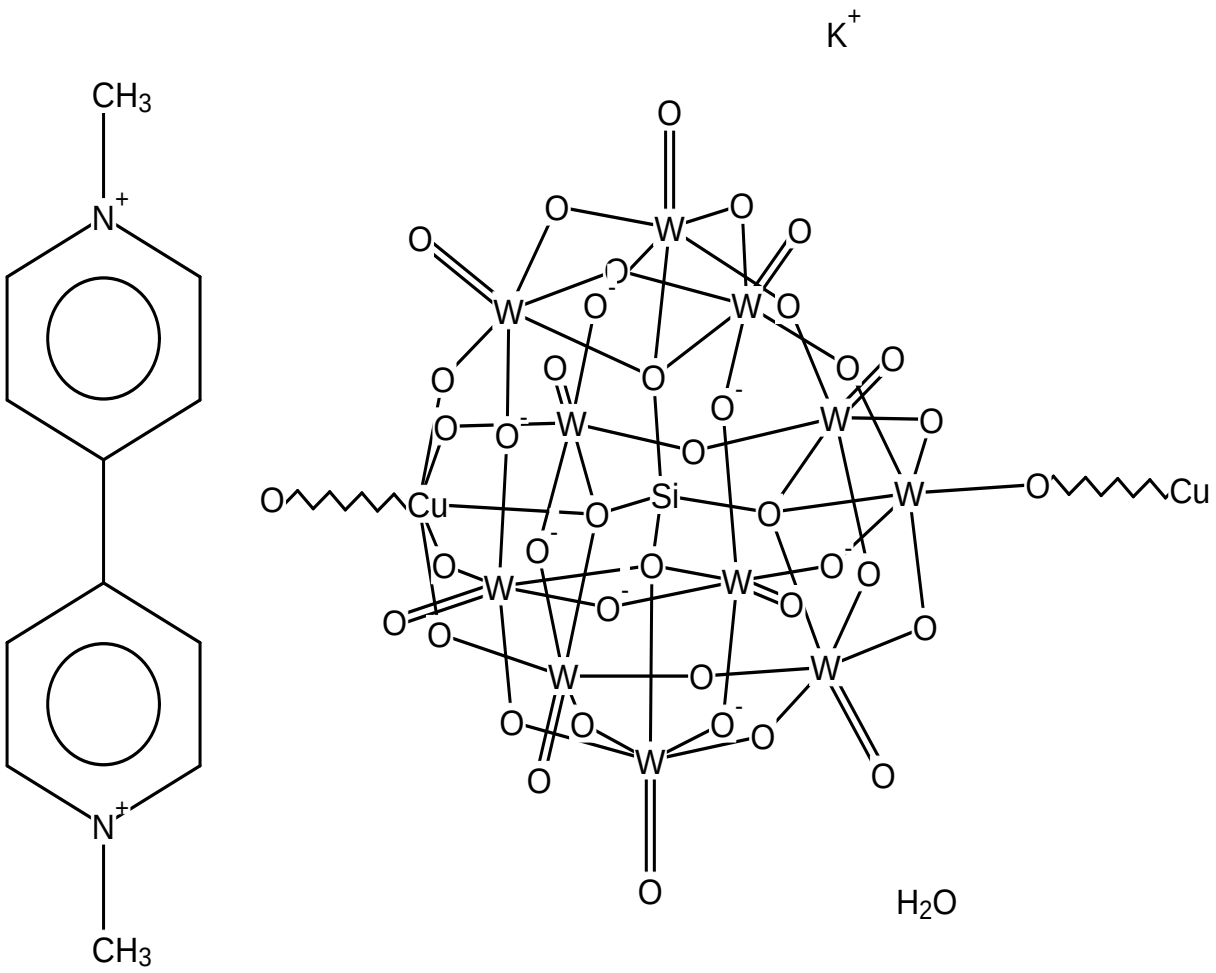
PEPCAP

Reference: L.San Felices, P.Vitoria, J.M.Gutierrez-Zorrilla, L.Lezama, S.Reinoso (2006) *Inorg.Chem. ,***45,**7748

Formula: $(Cu_1\ O_{39}\ Si_1\ W_{11}\ ^{7-})n,3n(C_{12}\ H_{14}\ N_2\ ^{2+}),n(K_1\ ^{1+}),6n(H_2\ O_1)$

Compound Name: catena-(potassium tris(paraquat) (μ_2-pentatricosaoxasilicatocupraundecatungstate) hexahydrate)

Space Group:	P-1	***Cell:***	***a***	10.897(0)	***b***	13.103(1)	***c*** 21.444(1)
Space Group No.:	2	***(Å,°)***	α	87.23(0)	β	85.00(0)	γ 84.33(0)
R-Factor (%):	4.48	***Temperature(K):***	293	***Density(g/cm^3):***	3.771		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1811

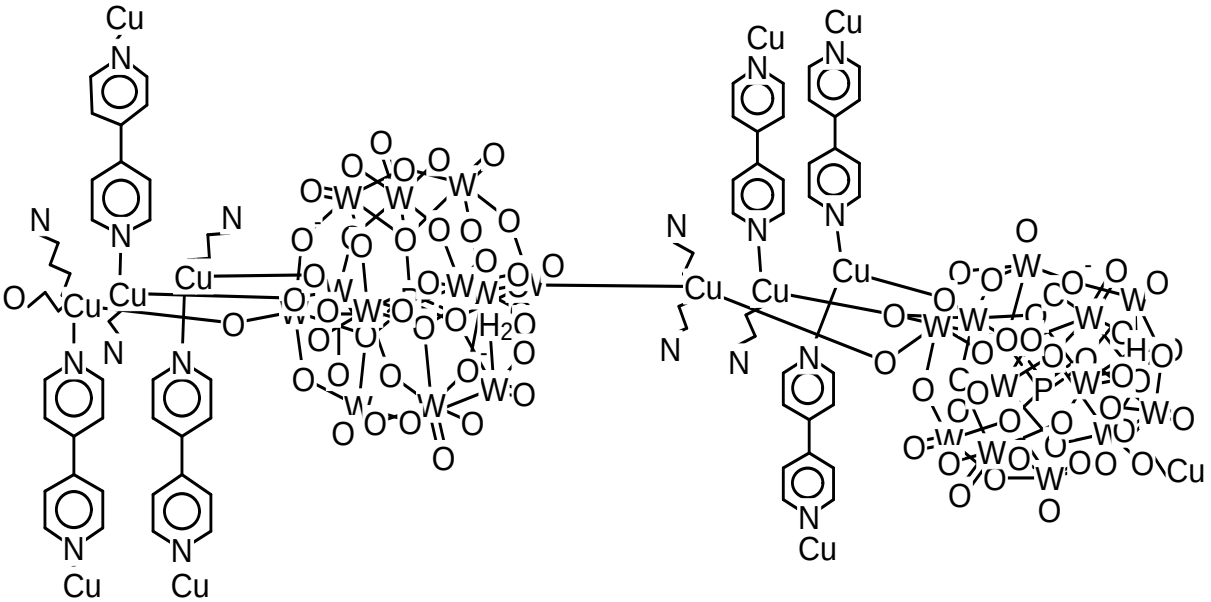
PEPCET

Reference: L.San Felices, P.Vitoria, J.M.Gutierrez-Zorrilla, L.Lezama, S.Reinoso (2006) *Inorg.Chem. ,***45,**7748

Formula: $(C_{60}\ H_{52}\ Cu_6\ N_{12}\ O_{80}\ P_2\ W_{24}\ ^{4-})n,4n(Na_1\ ^{1+}),4n(H_2\ O_1)$

Compound Name: catena-(tetra-sodium bis(μ_4-aquaphosphatopentatricosaoxocupra(2) undecatungstate)-hexakis(μ_2-4,4-bipyridyl)-hexa-copper(i) tetrahydrate)

Space Group:	P21/a	***Cell:***	***a***	21.253(2)	***b*** 21.792(1)	***c***	27.105(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.79(0)	γ	90.00
R-Factor (%):	6.95	***Temperature(K):***	293		***Density(g/cm^3):***		3.914



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1812

PEPKOL

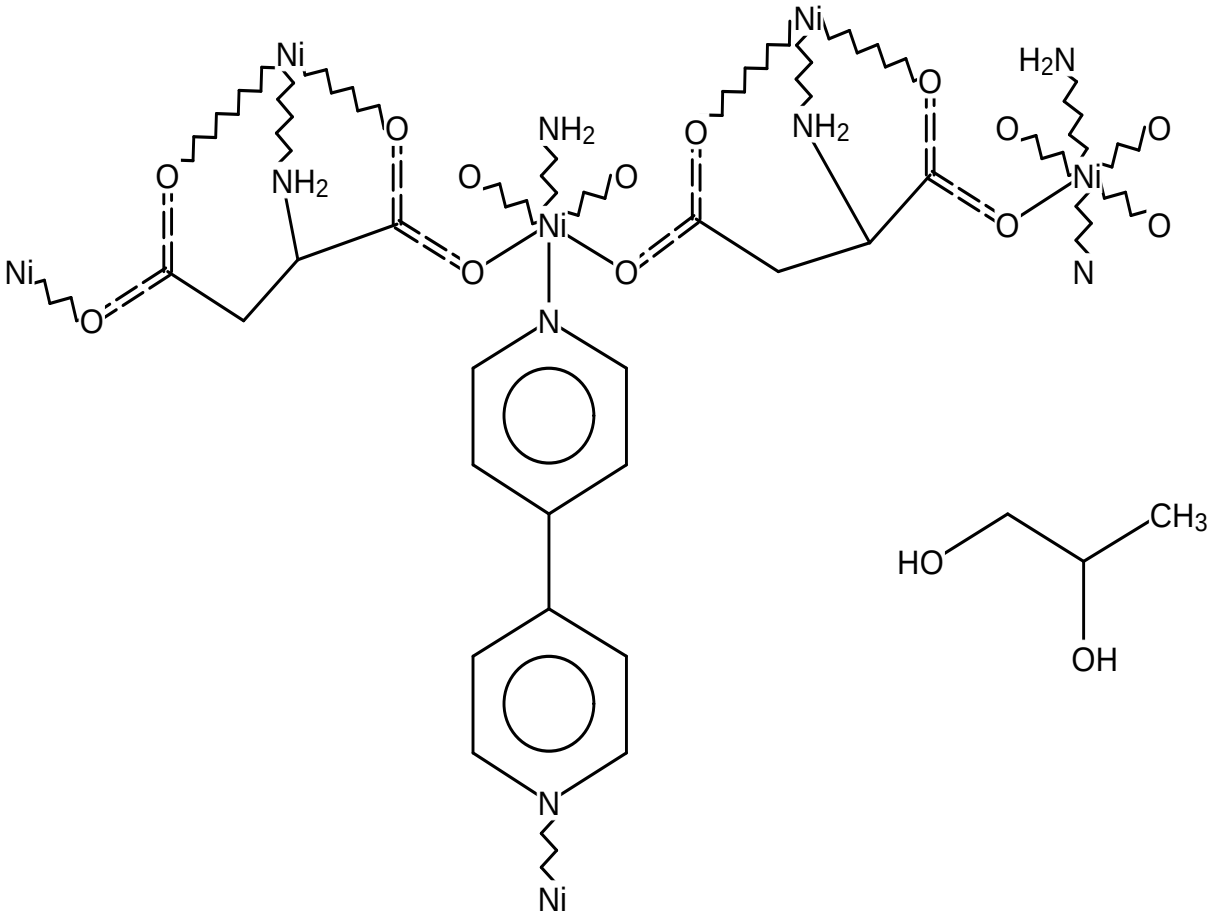
Reference: R.Vaidhyanathan, D.Bradshaw, J.-N.Rebilly, J.P.Barrio, J.A.Gould, N.G.Berry, M.J.Rosseinsky (2006) *Angew.Chem.,Int.Ed. ,* **45,**6495

Formula: $(C_{18}\ H_{18}\ N_4\ Ni_2\ O_8)n,n(C_3\ H_8\ O_2)$

Compound Name: catena-(bis(μ_3-aspartato)-(μ_2-4,4'-bipyridine)-nickel propane-1,2-diol clathrate)

Space Group:	P21/n	***Cell:***	***a***	6.570(0)	***b***	22.617(1)	***c*** 7.851(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.15(0)	γ 90.00

R-Factor (%): 3.90 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.742



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1813

PEPKUR

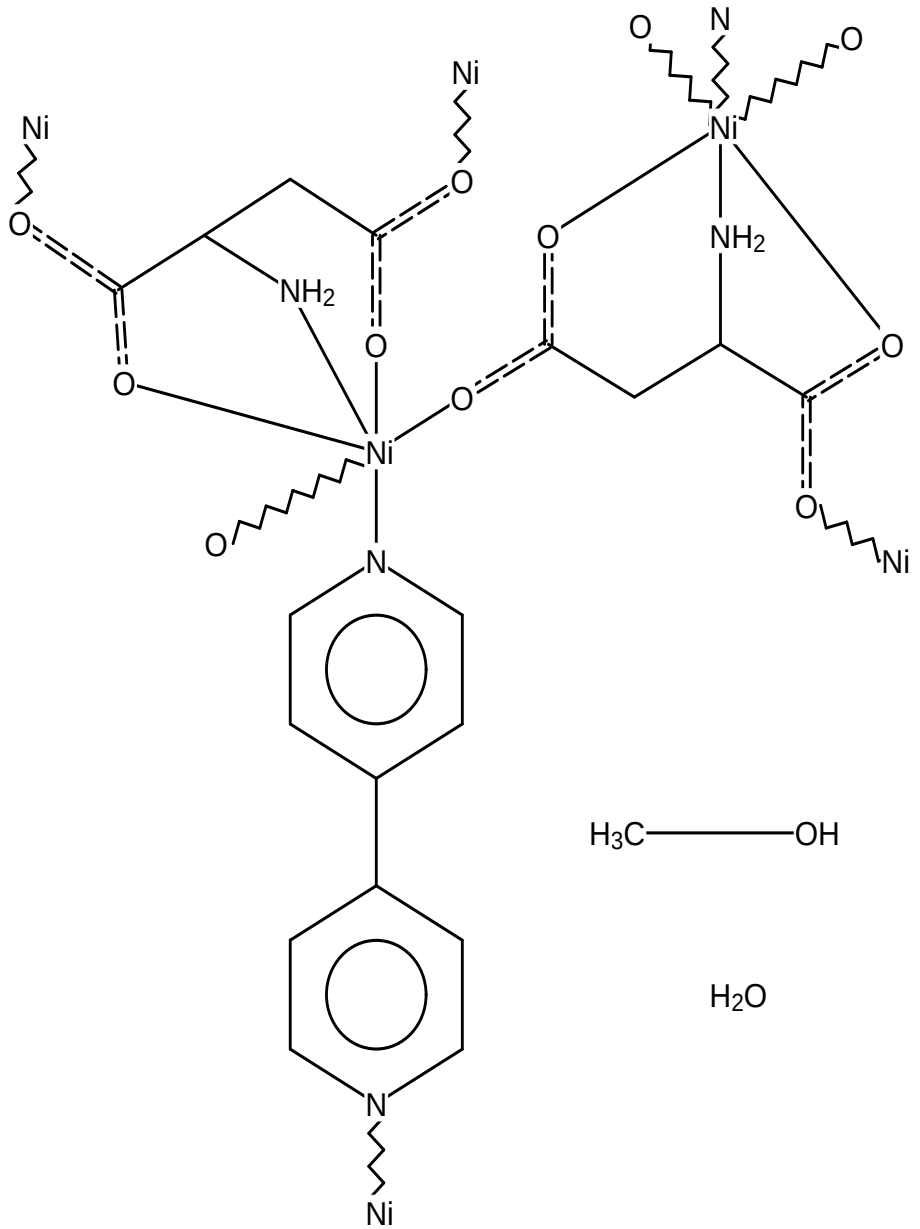
Reference: R.Vaidhyanathan, D.Bradshaw, J.-N.Rebilly, J.P.Barrio, J.A.Gould, N.G.Berry, M.J.Rosseinsky (2006) *Angew.Chem.,Int.Ed. ,* **45,**6495

Formula: $(C_{18}\ H_{18}\ N_4\ Ni_2\ O_8)n,1.28n(C_1\ H_4\ O_1),0.72n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-aspartato)-(μ_2-4,4'-bipyridine)-nickel methanol clathrate hydrate)

Space Group:	P21212	***Cell:***	***a***	22.272(1)	***b***	6.837(0)	***c***	7.731(0)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.32 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.664



Search: search1 (Thu May 26 10:05:42 2011): Hit 1814

PEQLAY

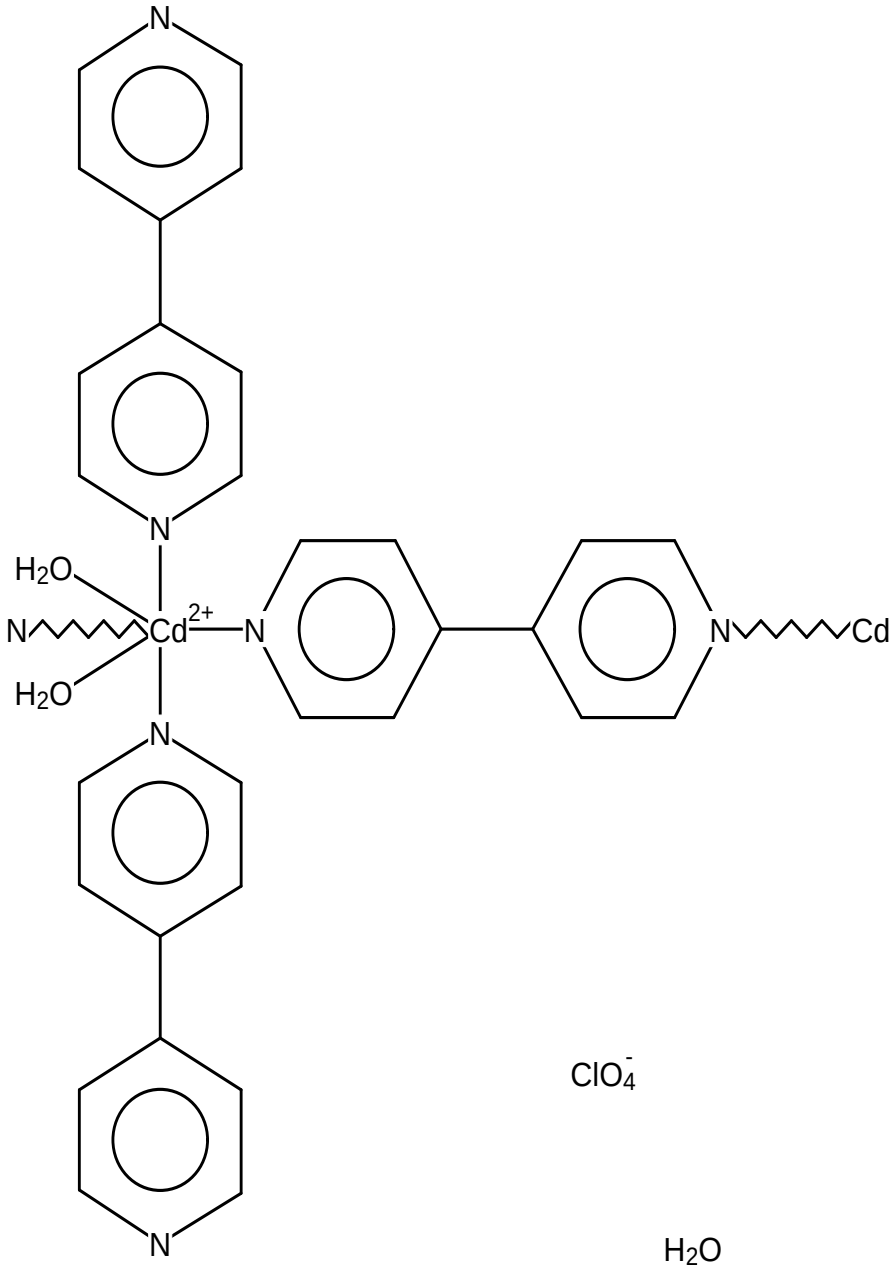
Reference: Songping D.Huang, Ren-Gen Xiong (1997) *Polyhedron* , **16,**3929

Formula: $(C_{30}\ H_{28}\ Cd_1\ N_6\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena((μ$_2$-4,4'-Bipyridinyl)-diaqua-bis(4,4'-bipyridinyl)-cadmium(ii) diperchlorate dihydrate)

Space Group:	P21212	***Cell:***	***a***	13.341(2)	***b***	12.882(3)	***c***	11.674(2)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.07 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.410



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1815

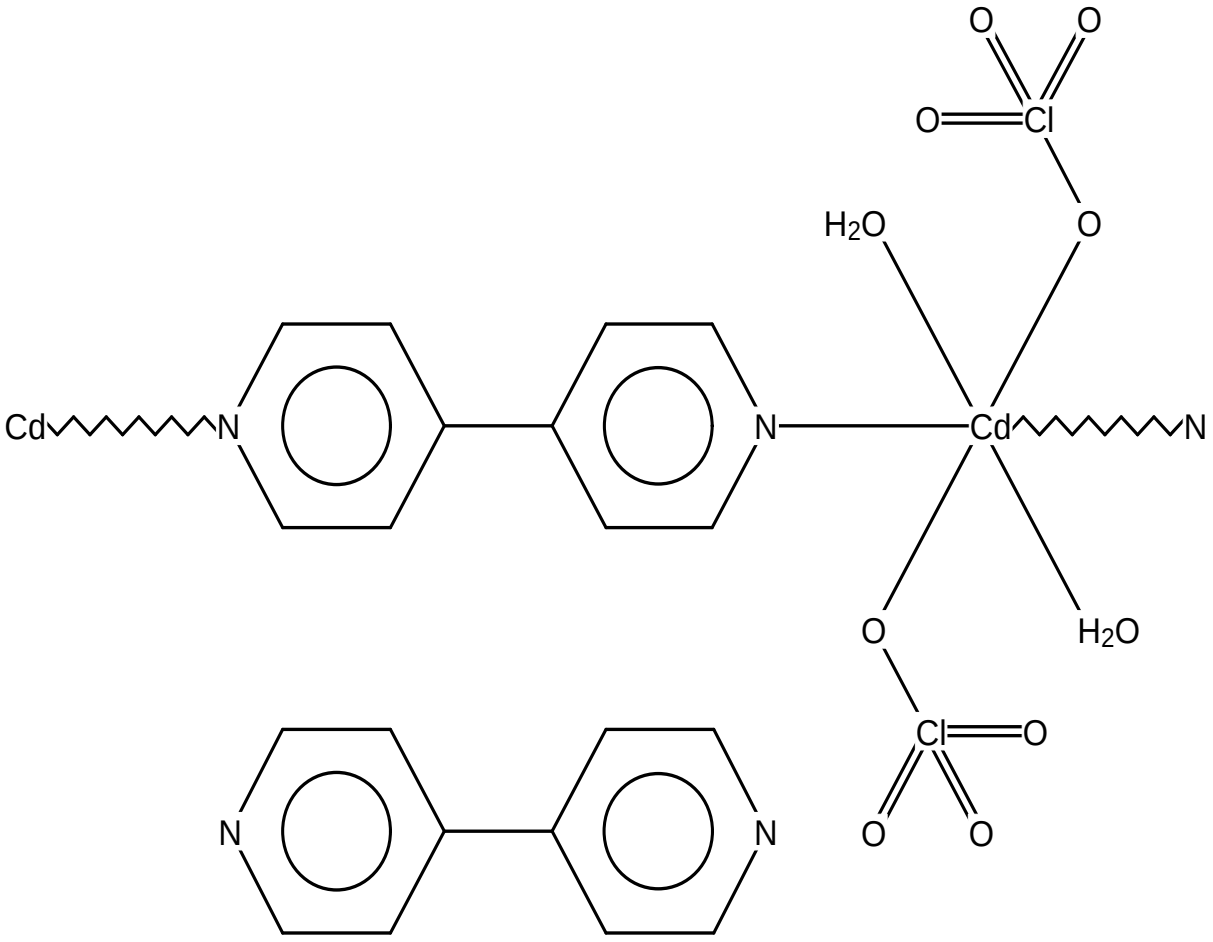
PEQLEC

Reference: Songping D.Huang, Ren-Gen Xiong (1997) *Polyhedron* , **16,**3929

Formula: $(C_{10}\ H_{12}\ Cd_1\ Cl_2\ N_2\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena((μ$_2$-4,4'-Bipyridinyl)-diaqua-diperchlorato-cadmium 4,4-bipyridine)

Space Group:	P-1	***Cell:***	***a***	7.590(2)	***b***	9.063(2)	***c*** 10.266(2)
Space Group No.:	2	***(Å,°)***	α	106.03(1)	β	95.19(2)	γ 109.01(2)
R-Factor (%):	4.32	***Temperature(K):***	295	***Density(g/cm^3):***	1.742		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1816

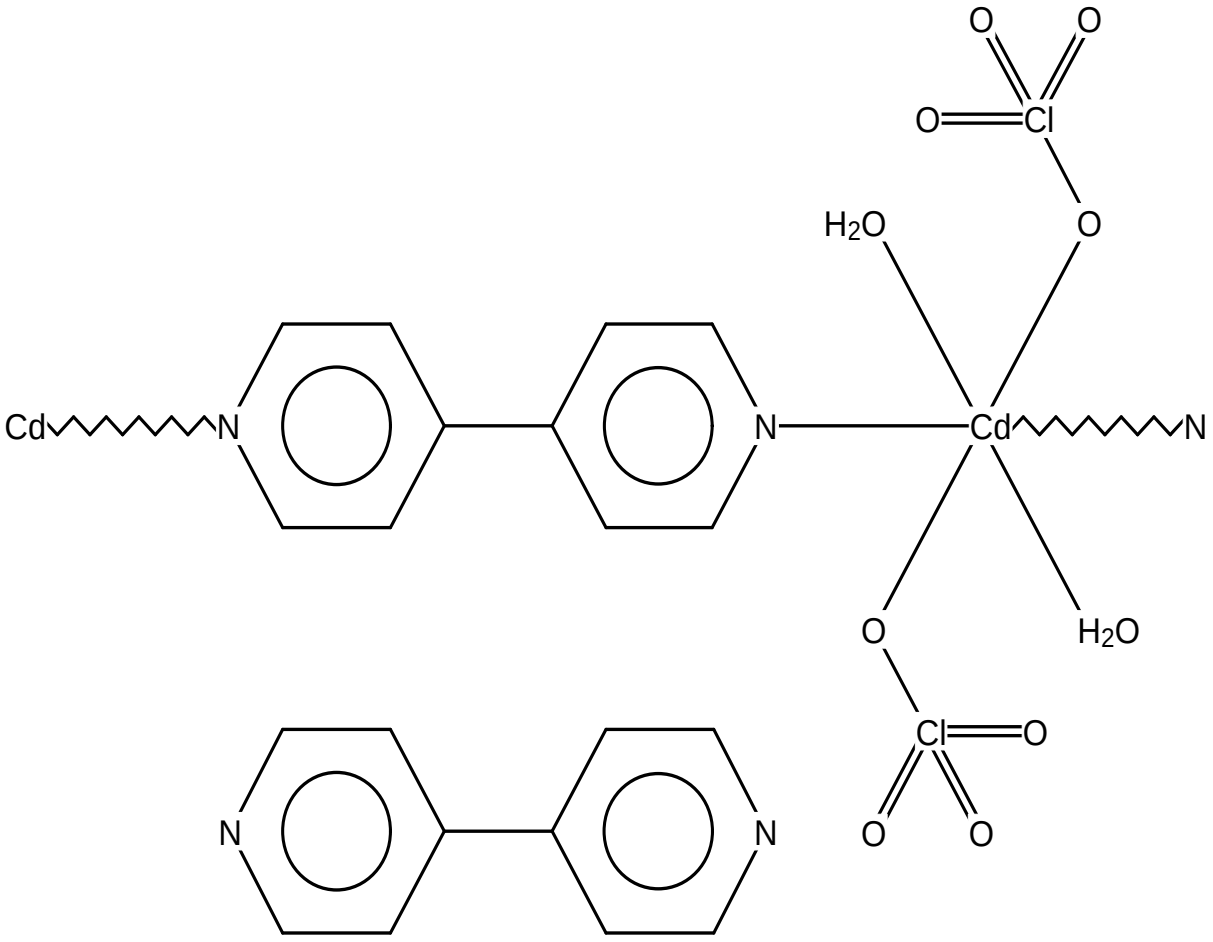
PEQLEC01

Reference: Ming-Liang Tong, Shao-Liang Zheng, Xiao-Ming Chen (2003) *Private Communication ,*

Formula: $(C_{10}\ H_{12}\ Cd_1\ Cl_2\ N_2\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(perchlorato-O)-cadmium 4,4'-bipyridyl)

Space Group:	P-1	***Cell:***	***a***	7.508(2)	***b***	9.032(4)	***c*** 10.165(5)
Space Group No.:	2	***(Å,°)***	α	105.74(1)	β	95.29(1)	γ 108.92(1)
R-Factor (%):	4.25	***Temperature(K):***	295		***Density(g/cm^3):***		1.781



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1817

PEQLIG

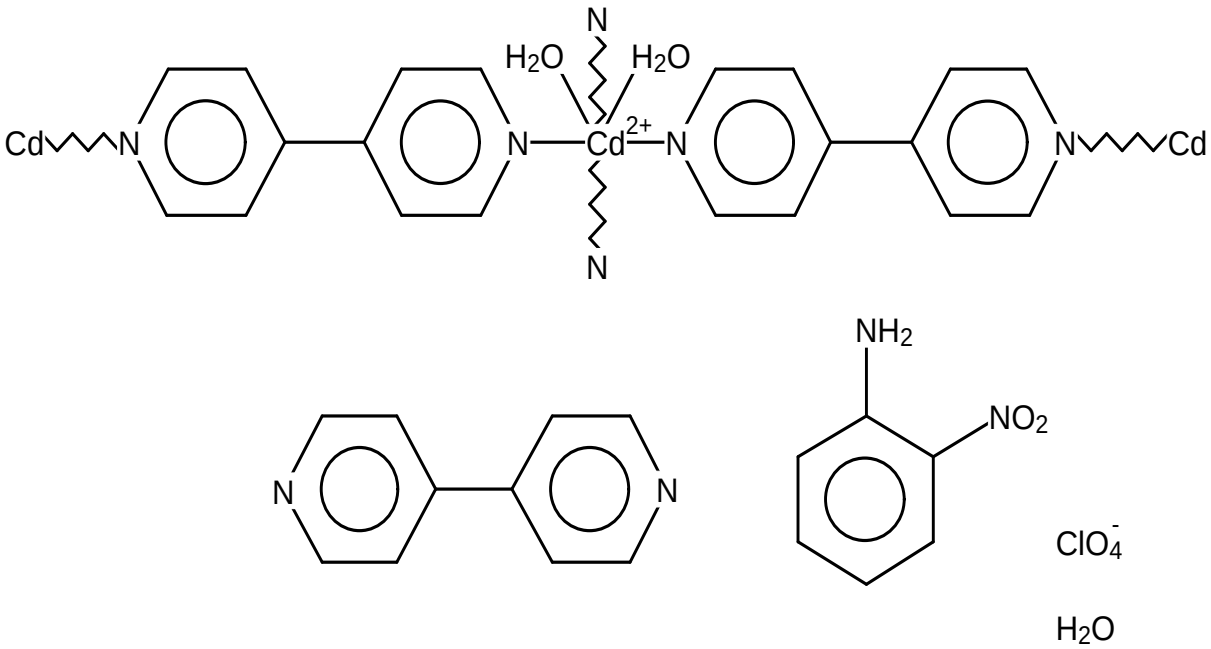
Reference: Songping D.Huang, Ren-Gen Xiong (1997) *Polyhedron* , **16,**3929

Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,n(C_{10}\ H_8\ N_2),2n(C_6\ H_6\ N_2\ O_2),2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena(bis(μ_2-4,4'-Bipyridinyl)-diaqua-cadmium 4,4'-bipyridine bis(o-nitroaniline) diperchlorate clathrate monohydrate)

Space Group:	C2	***Cell:***	***a***	17.793(4)	***b*** 11.750(3)	***c***	23.314(5)
Space Group No.:	5	***(Å,°)***	α	90.00	β 100.68(1)	γ	90.00

R-Factor (%): 4.55 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1818

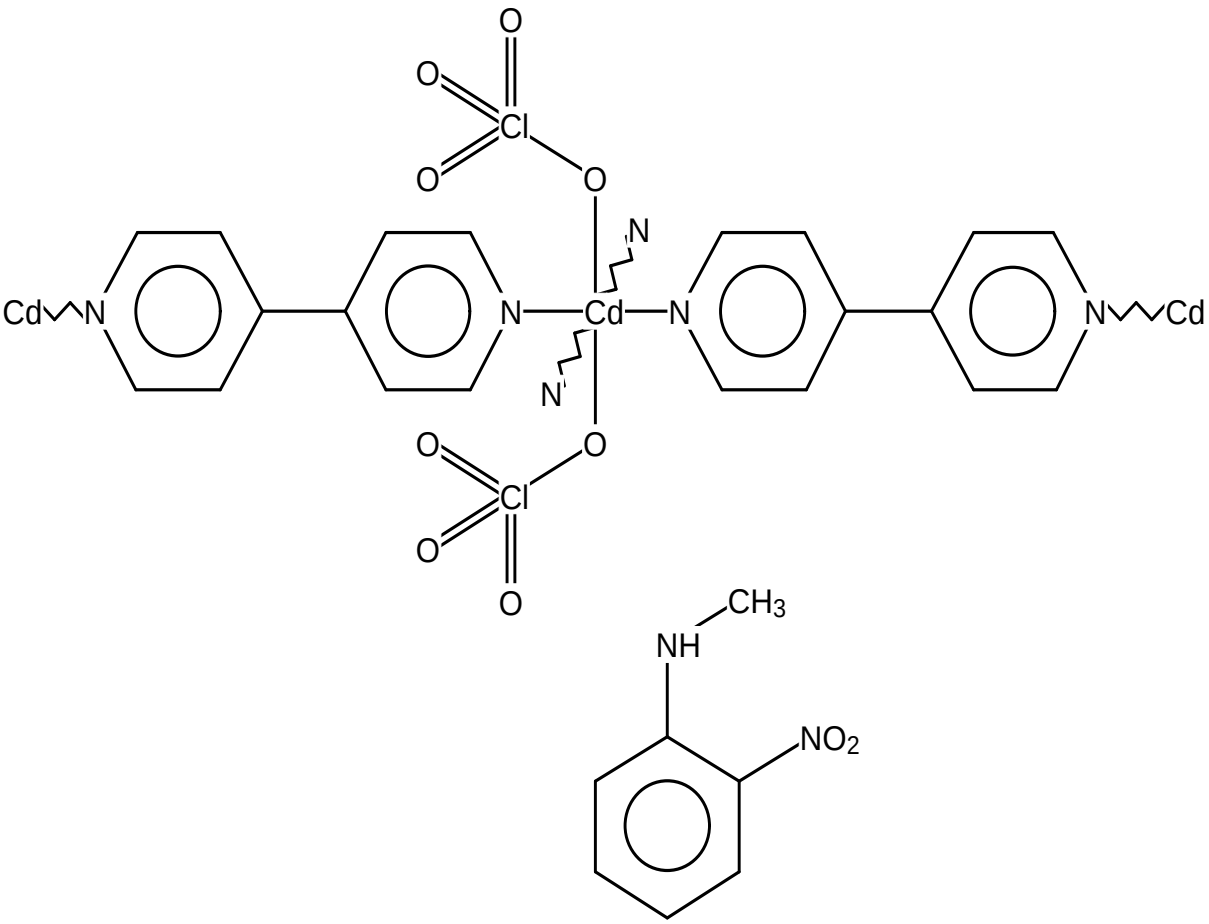
PEQLOM

Reference: Songping D.Huang, Ren-Gen Xiong (1997) *Polyhedron* , **16,**3929

Formula: $(C_{20}\ H_{16}\ Cd_1\ Cl_2\ N_4\ O_8)n,2n(C_7\ H_8\ N_2\ O_2)$

Compound Name: catena(bis(μ_2-4,4'-Bipyridinyl)-diperchlorato-cadmium bis(N-methyl-2-nitroaniline) clathrate)

Space Group:	P21/n	***Cell:***	***a***	8.918(0)	***b***	16.367(0)	***c*** 13.159(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.57(0)	γ 90.00
R-Factor (%):	3.65	***Temperature(K):***	295		***Density(g/cm^3):***		1.619



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1819

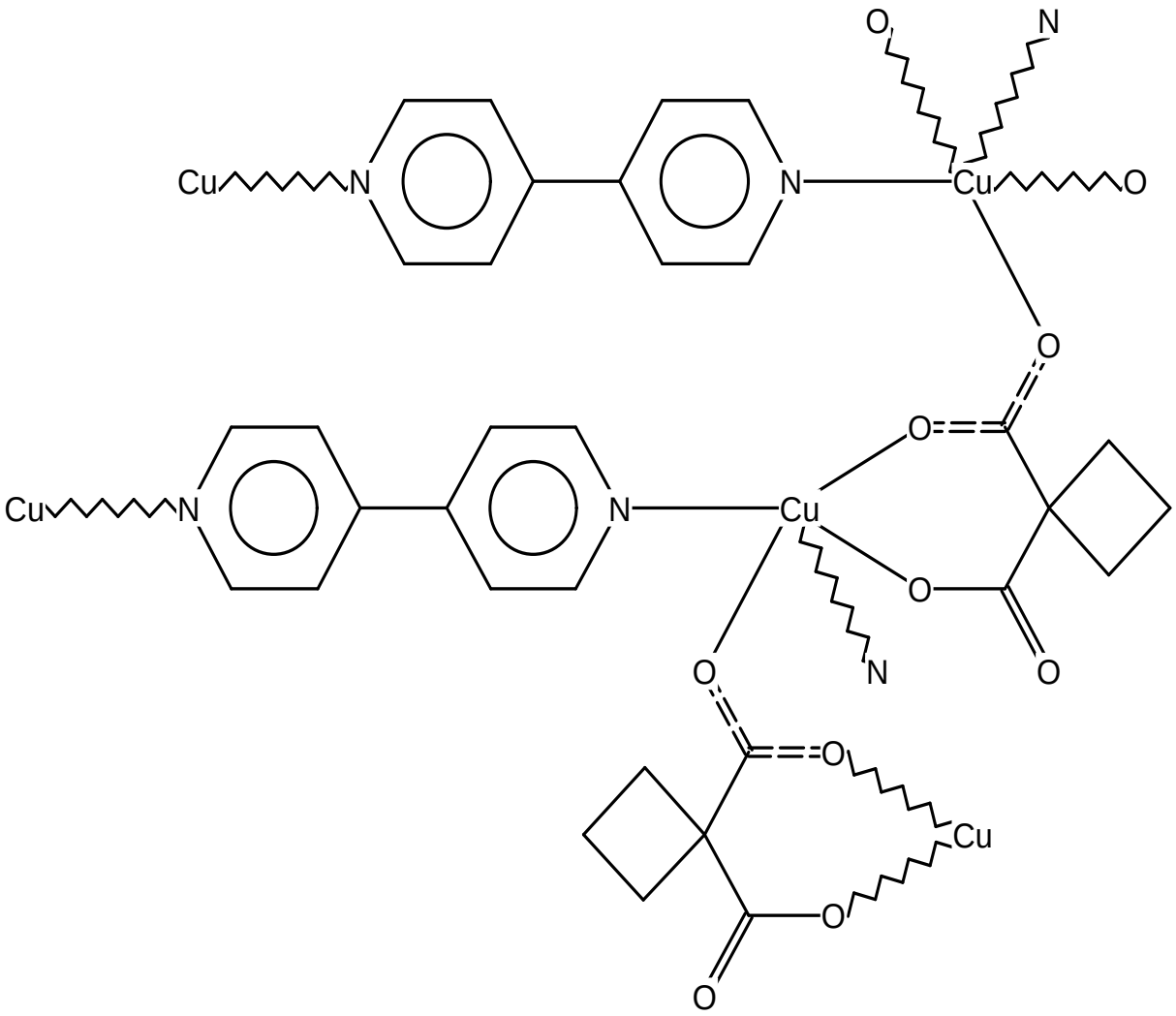
PERZOC

Reference: R.Baldoma, M.Monfort, J.Ribas, X.Solans, M.A.Maestro (2006) *Inorg.Chem.* ,**45,**8144

Formula: $(C_{32}\ H_{28}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,1-cyclobutanedicarboxylato)-di-copper(ii))

Space Group:	P21/n	***Cell:***	***a*** 17.291(1)	***b*** 11.131(1)	***c*** 17.307(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 117.84(0)	γ 90.00
R-Factor (%):	3.61	***Temperature(K):***	293	***Density(g/cm^3):***	1.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1820

PESTUD

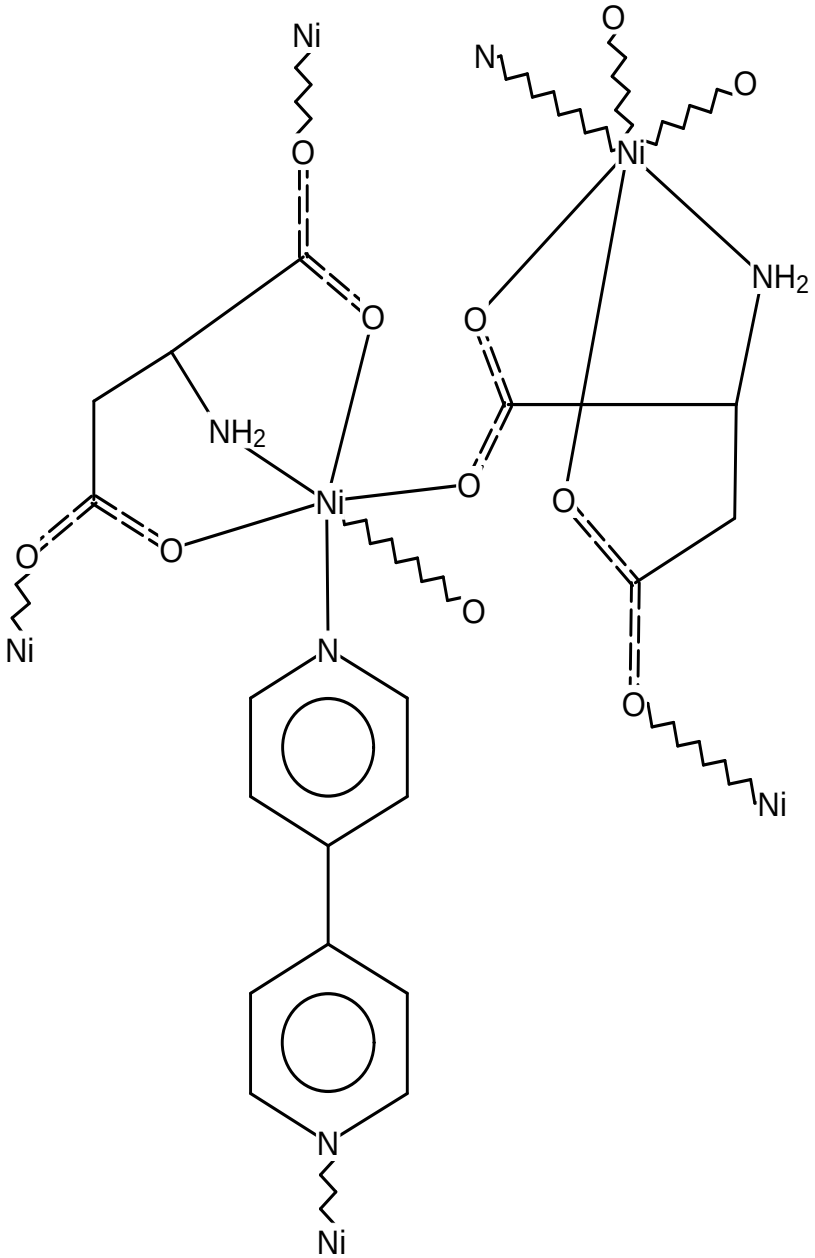
Reference: R.Vaidhyanathan, D.Bradshaw, J.-N.Rebilly, J.P.Barrio, J.A.Gould, N.G.Berry, M.J.Rosseinsky (2006) *Angew.Chem.,Int.Ed. ,* **45,**6495

Formula: $(C_{18}\ H_{18}\ N_4\ Ni_2\ O_8)n$

Compound Name: catena-(bis(μ_3-aspartato)-(μ_2-4,4'-bipyridine)-nickel)

Space Group:	P21212	***Cell:***	***a***	22.245(2)	***b***	6.791(0)	***c***	7.739(0)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.50 ***Temperature(K):*** 373 ***Density(g/cm^3):*** 1.522



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1821

PEXFEE

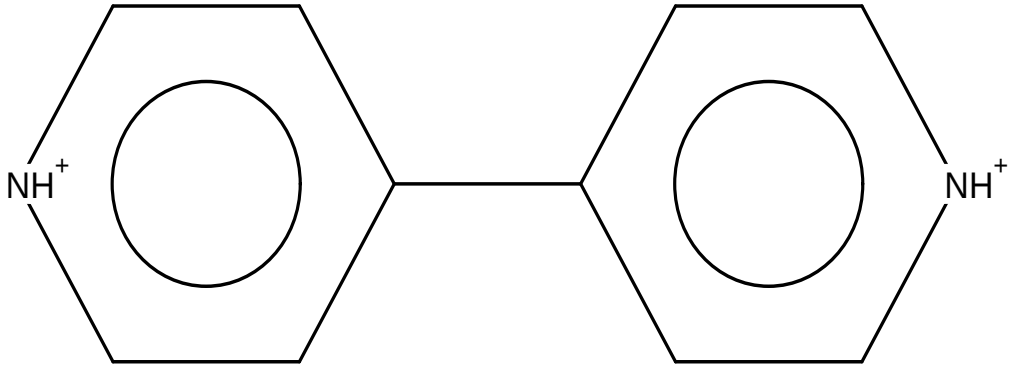
Reference: Wen-Tong Chen, Xi-Rui Zeng, Xiao-Niu Fang, Xin-Fa Li, Li-Min Liu (2007) *Inorg.Chem.Commun.* ,**10,**223

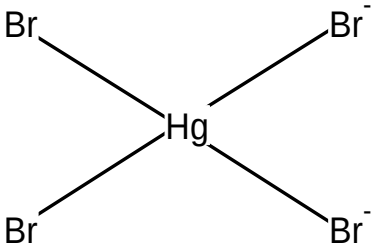
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+},Br_4\ Hg_1\ ^{2-},H_2\ O_1$

Compound Name: 4,4'-Bipyridinium tetrabromo-mercury monohydrate

Space Group:	P21/c	***Cell:***	***a***	8.161(1)	***b*** 23.260(1)	***c***	9.487(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.52(0)	γ	90.00

R-Factor (%):	4.63	***Temperature(K):***	293	***Density(g/cm^3):***	2.694





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1822

PEYLEL

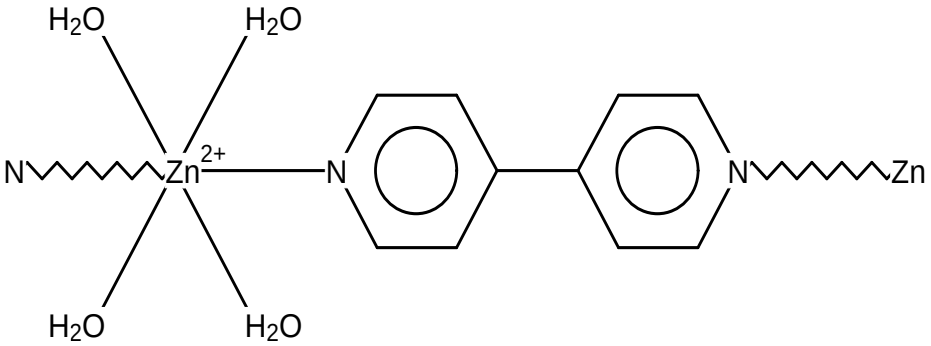
Reference: M.E.D.de Vivar, S.Baggio, M.T.Garland, R.Baggio (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **63,**m123

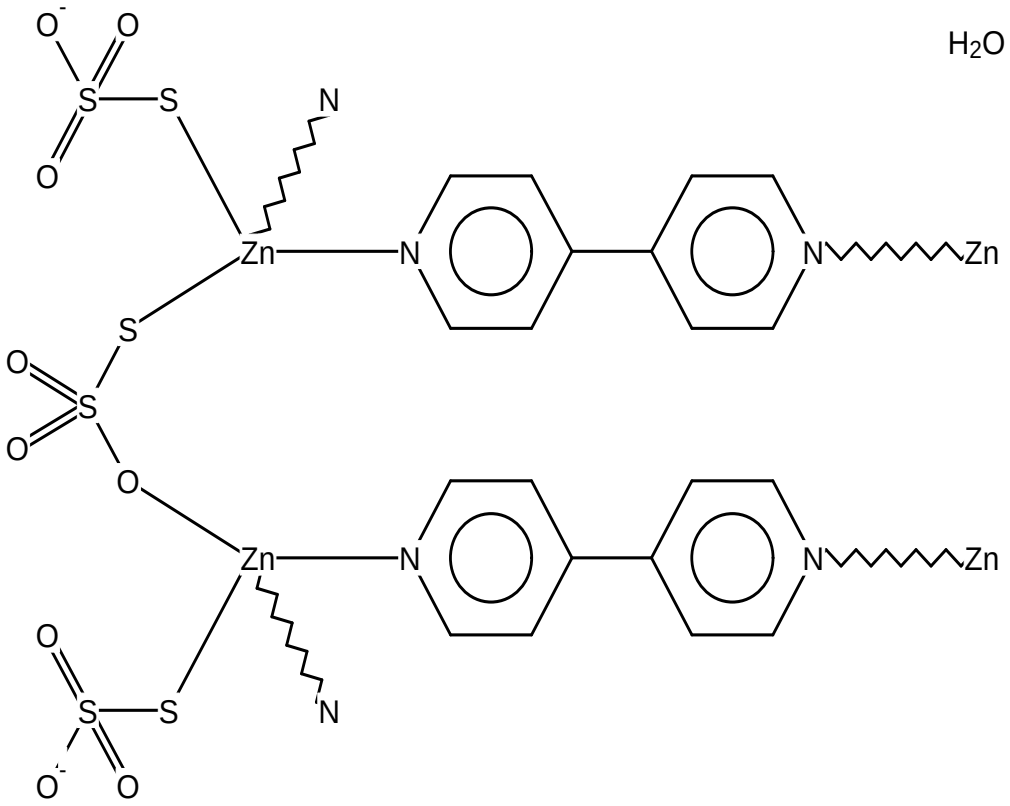
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_{20}\ H_{16}\ N_4\ O_9\ S_6\ Zn_2\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-zinc(ii) bis(μ_2-4,4'-bipyridine-N,N')-(μ_2-thiosulfato-O,S)-bis(thiosulfato-S)-di-zinc(ii) dihydrate)

Space Group:	Cc	***Cell:***	***a***	16.652(0)	***b*** 15.510(0)	***c***	17.892(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β 115.34(0)	γ	90.00

R-Factor (%): 2.05 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.764





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1823

PEZVEW

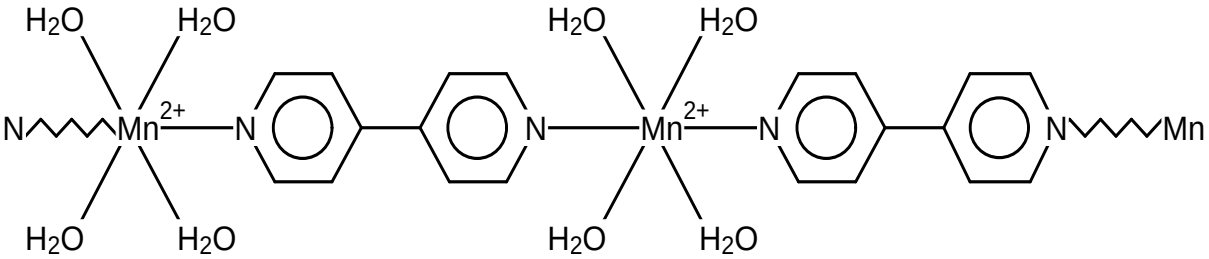
Reference: Xian-Kuan Huo, Lu-Fang Ma, Li-Ya Wang, Yao-Ting Fan (2007) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**23,**401

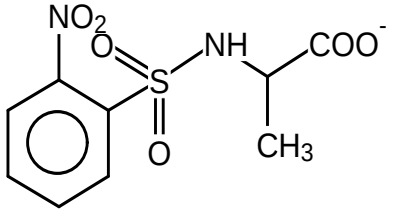
Formula: $(C_{20}\ H_{32}\ Mn_2\ N_4\ O_8\ ^{4+})n,4n(C_9\ H_9\ N_2\ O_6\ S_1\ ^{1-}),2n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

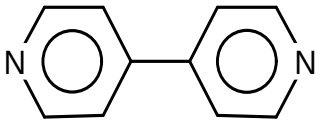
Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-octaaqua-di-manganese(ii) tetrakis(N-(2-nitrobenzenesulfonyl)alaninate) bis(4,4'-bipyridine) trihydrate]

Space Group:	P21	***Cell:***	***a***	13.574(0)	***b*** 25.667(1)	***c***	14.183(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β 112.22(0)	γ	90.00

R-Factor (%): 4.04 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.471









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1824

PICYIJ

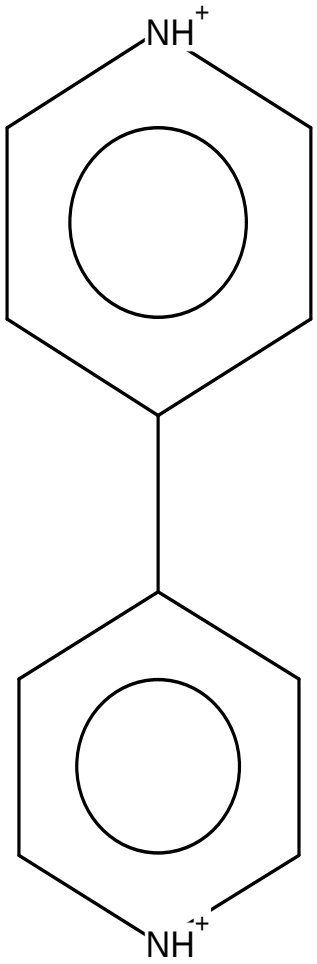
Reference: L.J.Barbour, L.R.MacGillivray, J.L.Atwood (1996)
*Supramol.Chem. ,***7,**167

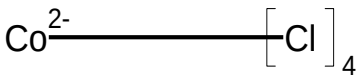
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Co_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-cobalt(ii)

Space Group:	P21/c	***Cell:***	***a***	7.641(1)	***b*** 19.797(1)	***c***	9.571(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.37(3)	γ	90.00

R-Factor (%): 2.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.735





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1825

PICYIJ01

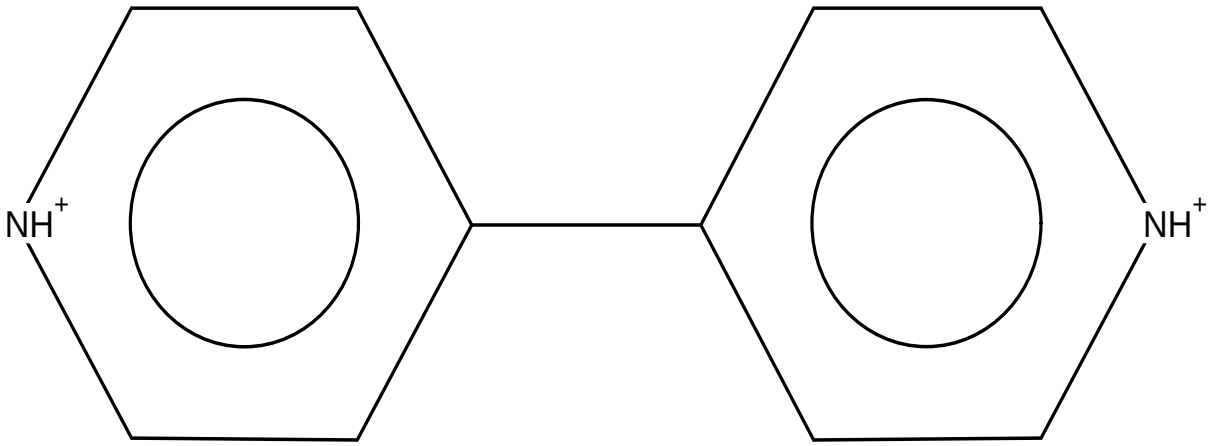
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

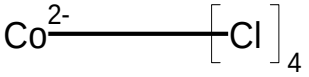
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Co_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-cobalt

Space Group:	P21/c	***Cell:***	***a***	7.675(3)	***b*** 19.742(7)	***c***	9.491(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.99(0)	γ	90.00

R-Factor (%): 4.59 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.753





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1826

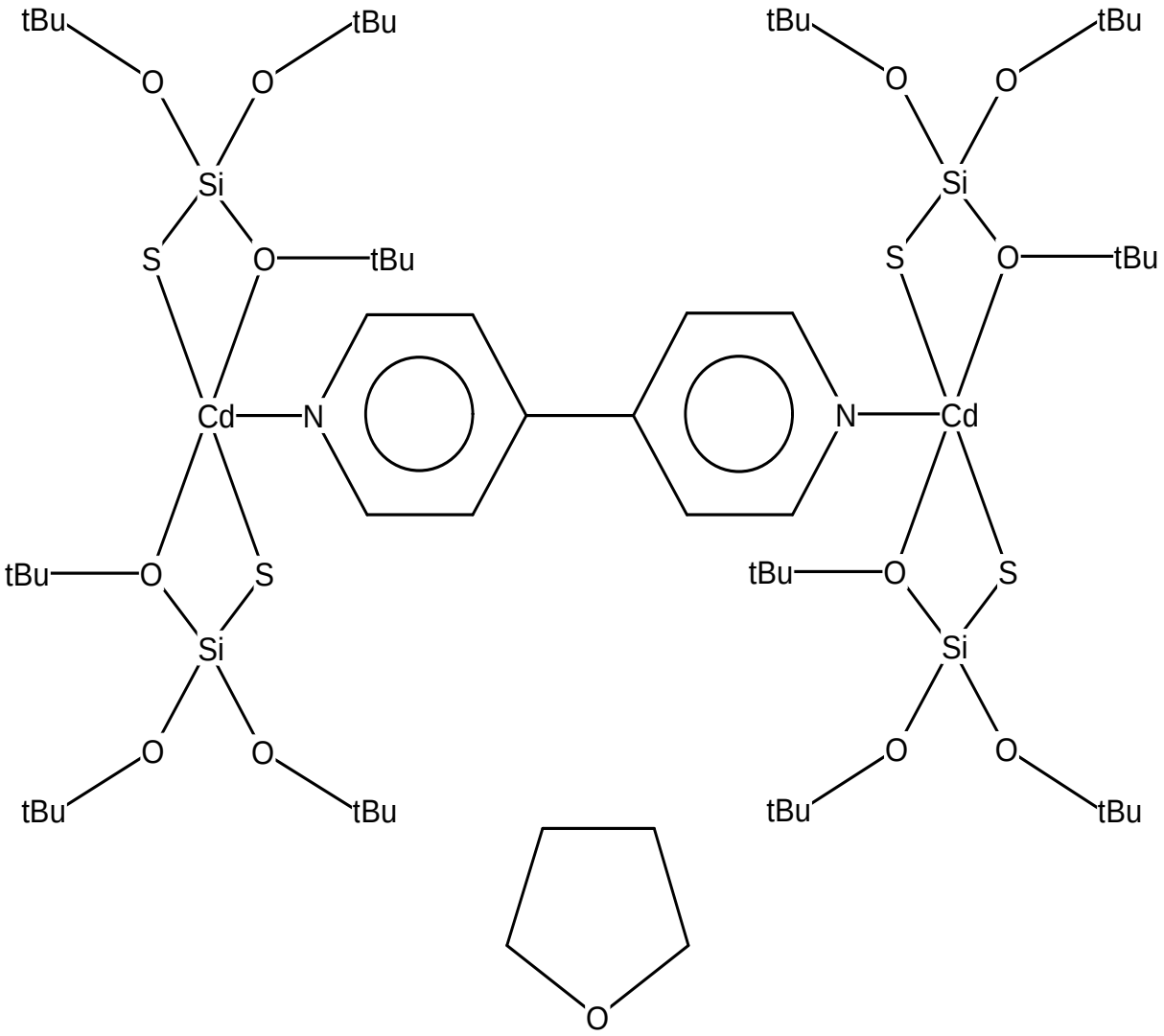
PIDQEZ

Reference: A.Pladzyk, A.Dolega, K.Baranowska (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1434

Formula: $C_{58}\ H_{116}\ Cd_2\ N_2\ O_{12}\ S_4\ Si_4,2(C_4\ H_8\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-tetrakis(tri-t-butoxysilanothiolato-S,O)-di-cadmium(ii) tetrahydrofuran solvate

Space Group:	P21/c	***Cell:***	***a***	9.847(0)	***b***	20.403(0)	***c*** 21.617(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.88(0)	γ 90.00
R-Factor (%):	4.30	***Temperature(K):***	120		***Density(g/cm^3):***		1.284



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1827

PIGXUZ

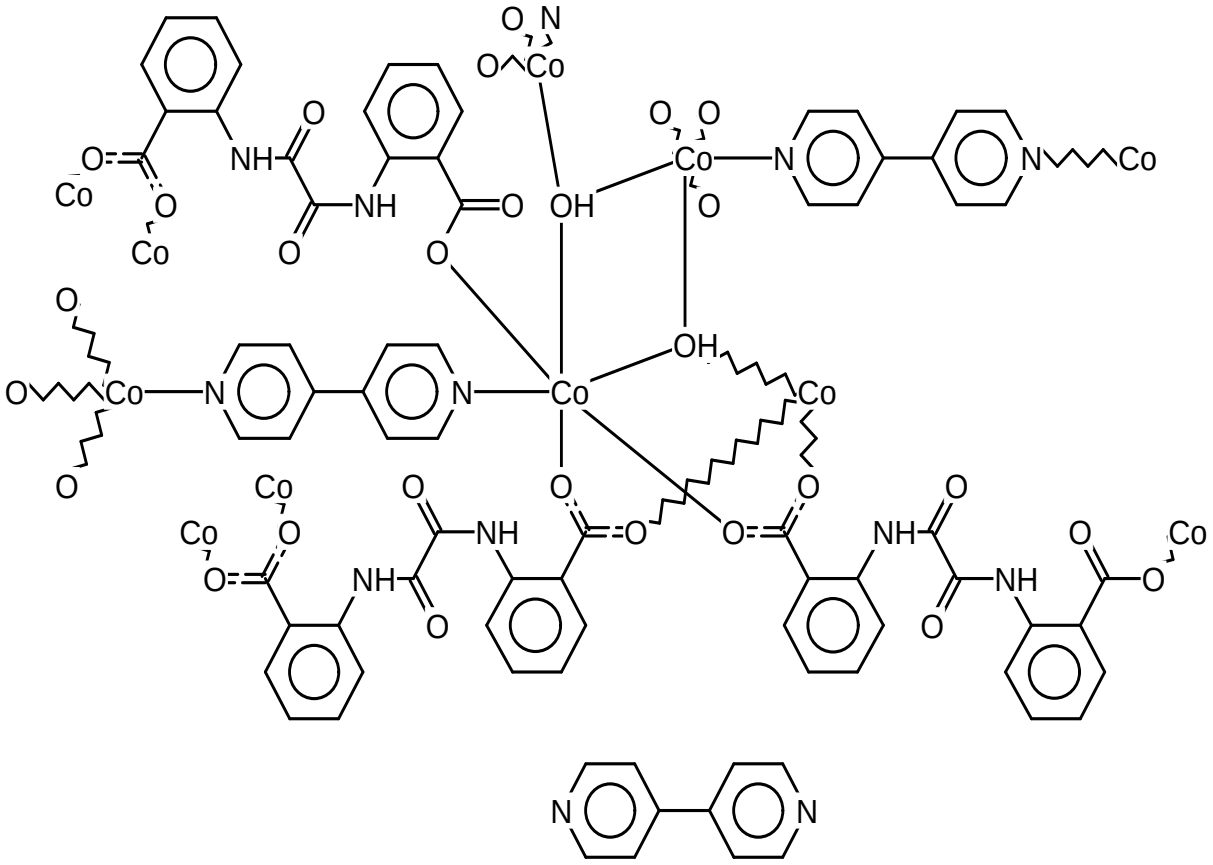
Reference: Cai-Ming Liu, Song Gao, De-Qing Zhang, Dao-Ben Zhu (2007) *Cryst.Growth Des. ,***7,**1312

Formula: $(C_{68}\ H_{48}\ Co_4\ N_{10}\ O_{20})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_4-2,2'-Oxamidobis(benzoato))-bis(μ_3-hydroxo)-bis(μ_3-2,2'-oxamidobis(benzoato))-bis(μ_2-4,4'-bipyridine)-tetra-cobalt(ii) 4,4'-bipyridine solvate)

Space Group:	C2/c	***Cell:***	***a***	28.080(6)	***b*** 13.840(3)	***c***	21.812(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 120.14(3)	γ	90.00

R-Factor (%): 4.85 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.556



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1828

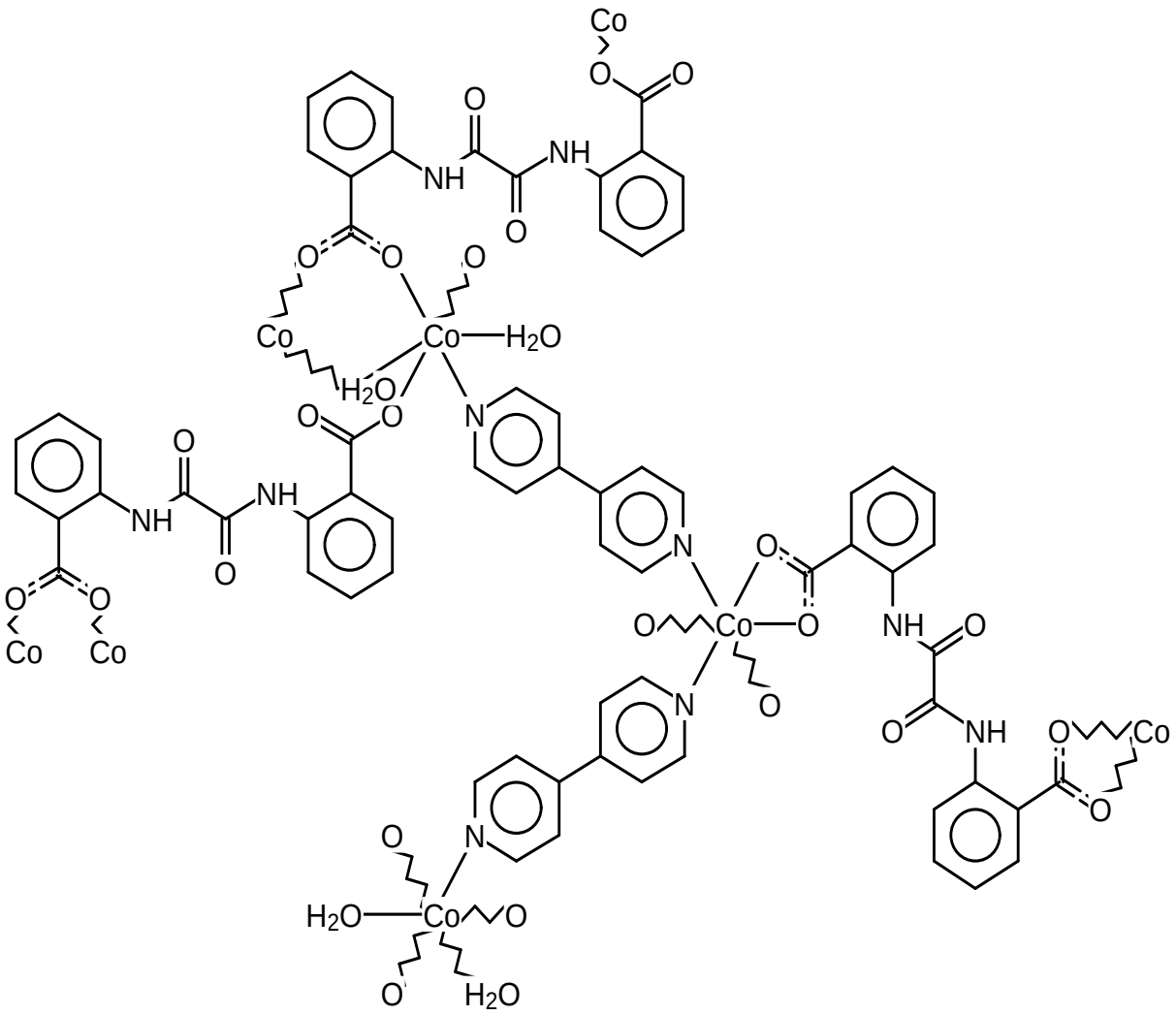
PIGYAG

Reference: Cai-Ming Liu, Song Gao, De-Qing Zhang, Dao-Ben Zhu (2007) *Cryst.Growth Des. ,***7,**1312

Formula: $(C_{68}\ H_{52}\ Co_3\ N_{10}\ O_{21})n$

Compound Name: catena-(bis(μ_3-2,2'-Oxamidobis(benzoato))-(μ_2-2,2'-oxamidobis(benzoato))-bis(μ_2-4,4'-bipyridine)-(μ_2-aqua)-diaqua-tri-cobalt(ii))

Space Group:	P2/c	***Cell:***	***a***	21.293(4)	***b*** 7.159(1)	***c***	22.218(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 105.07(3)	γ	90.00
R-Factor (%):	7.39	***Temperature(K):***	293		***Density(g/cm^3):***	1.546	



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1829

PIGYIO

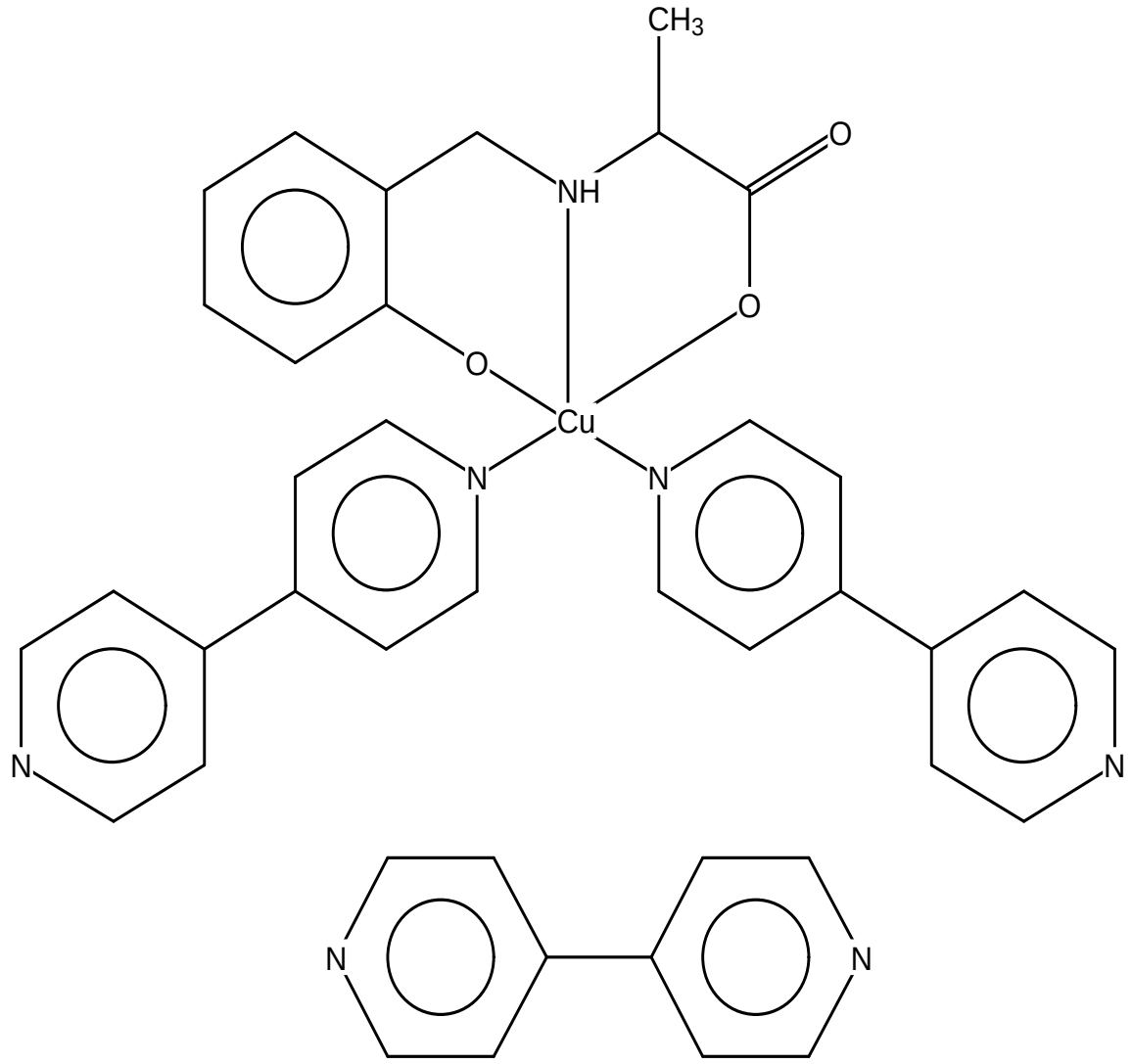
Reference: Jiu-Rong Hu, Fu-Pei Liang, Zi-Lu Chen (2007)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**23,**1291

Formula: $C_{30}\ H_{27}\ Cu_1\ N_5\ O_3$,0.5($C_{10}\ H_8\ N_2$),2($H_2\ O_1$)

Compound Name: bis(4,4'-Bipyridine)-(N-(2-oxybenzyl)-DL-alaninato)-copper(ii) 4,4'-bipyridine solvate dihydrate

Space Group:	Pbca	***Cell:***	***a***	18.777(1)	***b***	16.367(1)	***c***	21.498(2)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.46 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.374



H_2O

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1830

PIGZEL

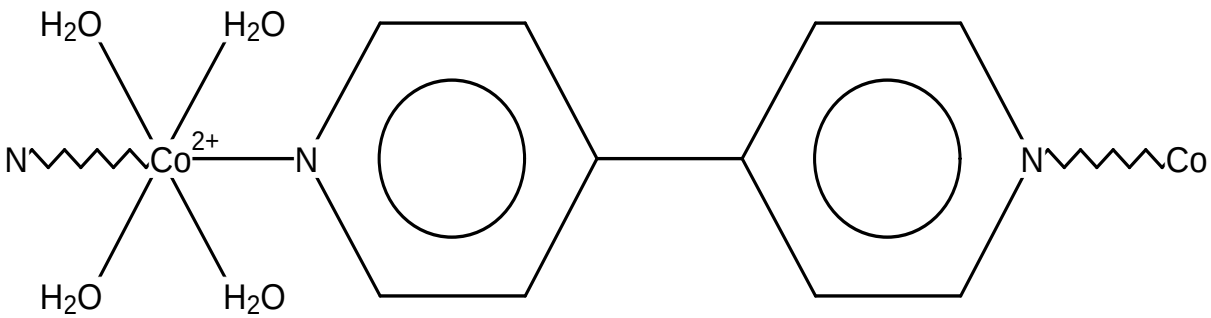
Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Yun-Fei Kuang (2007) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**23,**1247

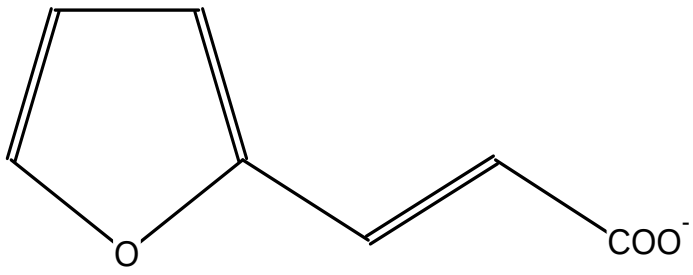
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(C_7\ H_5\ O_3\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetraaqua-cobalt(ii) bis(α-furacrylate) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.470(2)	***b***	10.999(2)	***c***	11.111(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.83(0)	γ	90.00

R-Factor (%): 3.58 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.429





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1831

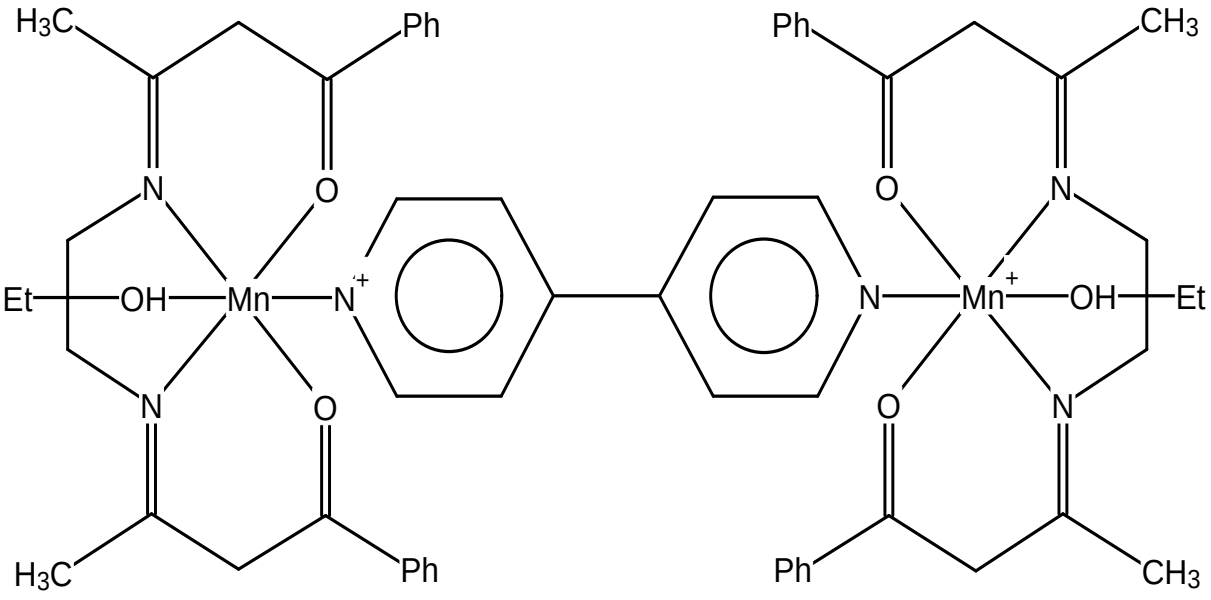
PIHFUH

Reference: Yun-Long Feng, Shi-Xiong Liu (1998)
*Jiegou Huaxue(Chin.J.Struct.Chem.) ,***17,**125

Formula: $C_{58}\ H_{68}\ Mn_2\ N_6\ O_6\ ^{2+},2(Cl_1\ O_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis((N,N'-ethylenebis(1-phenyl-3-imino-1-butanonato))-ethanol-manganese(iii)) diperchlorate

Space Group:	P21/c	***Cell:***	***a*** 12.630(5)	***b*** 13.151(2)	***c*** 18.377(5)
Space Group No.:	14	***(Å,°)***	α 90.00	β 108.25(2)	γ 90.00
R-Factor (%):	5.60	***Temperature(K):***	295	***Density(g/cm^3):***	1.437



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1832

PIHKEX

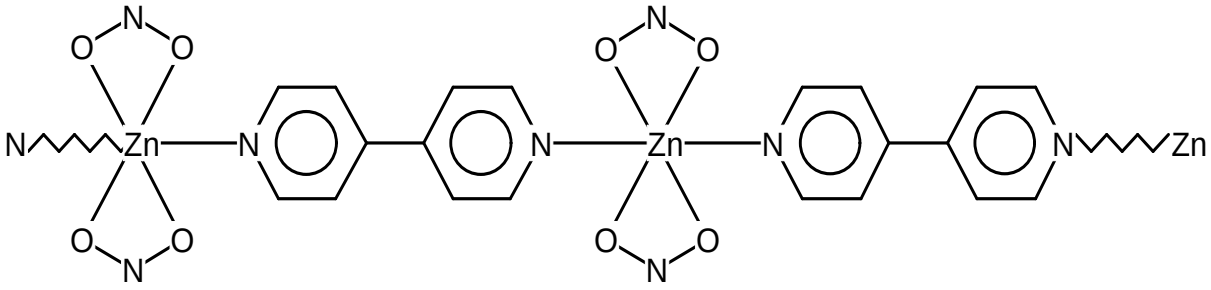
Reference: M.G.Amiri, G.Mahmoudi, A.Morsali, A.D.Hunter, M.Zeller (2007) *CrystEngComm* ,**9,**686

Formula: $(C_{20}\ H_{16}\ N_8\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-tetrakis(nitrito-O,O')-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	16.202(4)	***b*** 12.591(3)	***c***	11.488(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 90.28(0)	γ	90.00

R-Factor (%): 4.28 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.777



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1833

PIHMOJ

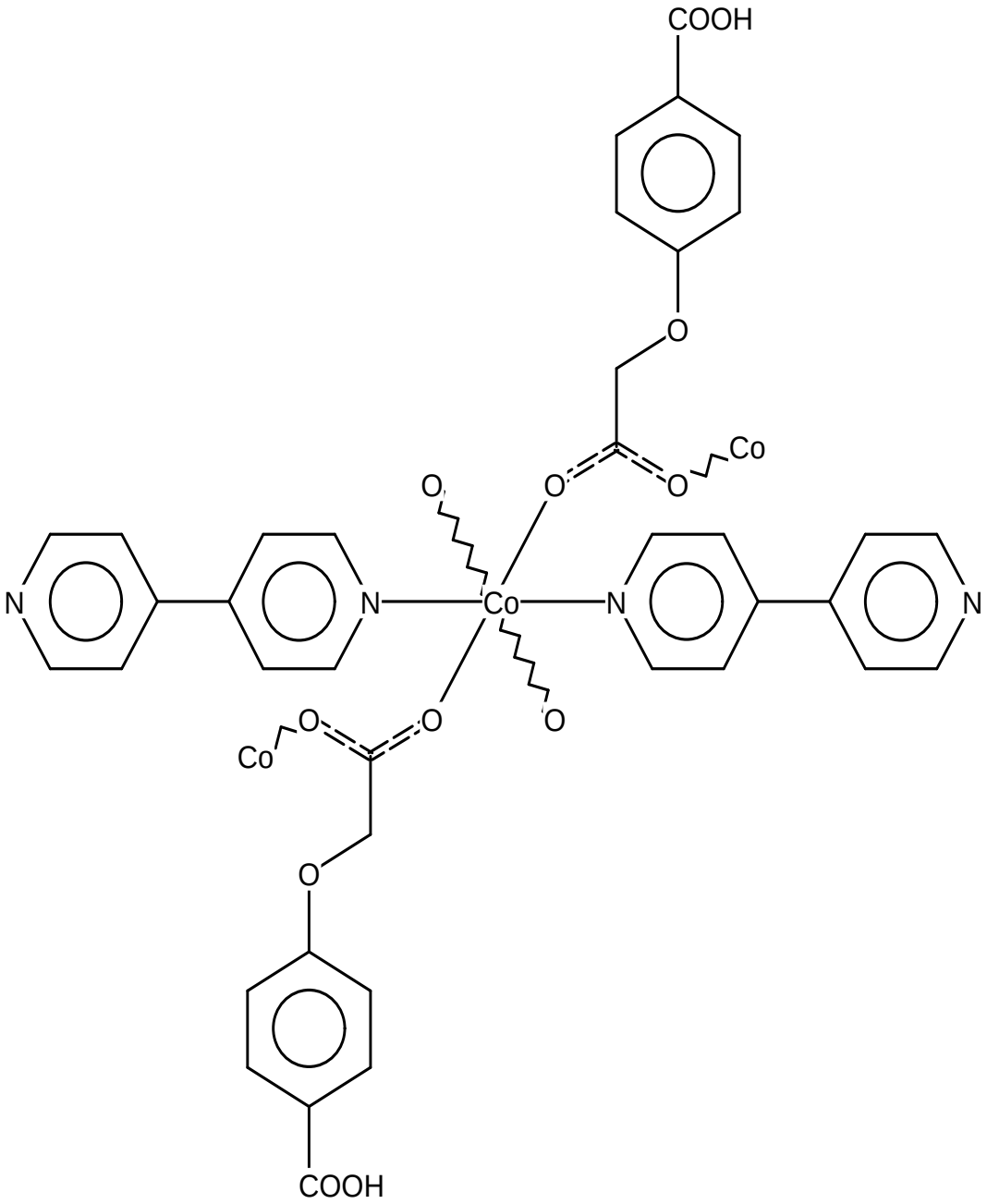
Reference: Wenjuan Zhuang, Xiangjun Zheng, Licun Li, Daizheng Liao, Hui Ma, Linpei Jin (2007) *CrystEngComm* ,**9,**653

Formula: $(C_{38}\ H_{30}\ Co_1\ N_4\ O_{10})n$

Compound Name: catena-(bis(μ_2-4-Carboxyphenoxyacetato)-bis(4,4'-bipyridine)-cobalt(ii))

Space Group:	P-1	***Cell:***	***a***	4.781(1)	***b***	9.229(3)	***c***	18.829(7)
Space Group No.:	2	***(Å,°)***	α	91.95(0)	β	95.51(0)	γ	99.02(0)

R-Factor (%): 5.44 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.550



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1834

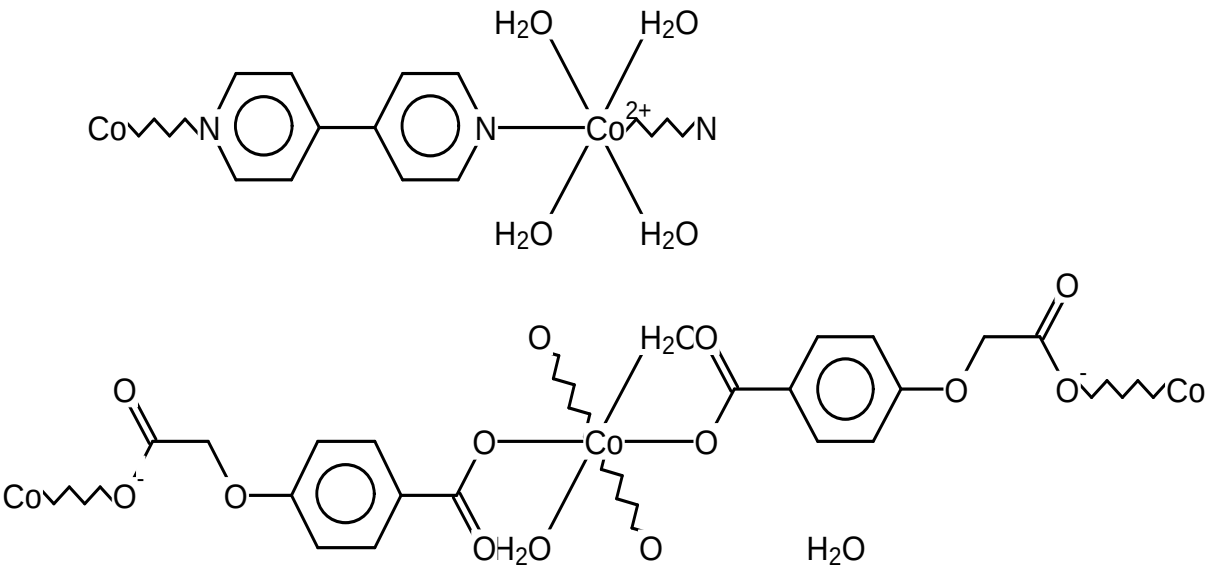
PIHMUP

Reference: Wenjuan Zhuang, Xiangjun Zheng, Licun Li, Daizheng Liao, Hui Ma, Linpei Jin (2007) *CrystEngComm* ,**9,**653

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_{18}\ H_{16}\ Co_1\ O_{12}\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetraaqua-cobalt(ii) bis(μ_2-4-carboxyphenoxyacetato)-diaqua-cobalt(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.642(1)	***b*** 10.106(3)	***c***	10.638(3)
Space Group No.:	2	***(Å,°)***	α	93.56(0)	β 101.15(0)	γ	101.55(0)
R-Factor (%):	3.84	***Temperature(K):***	294		***Density(g/cm^3):***	1.705	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1835

PIHNAW

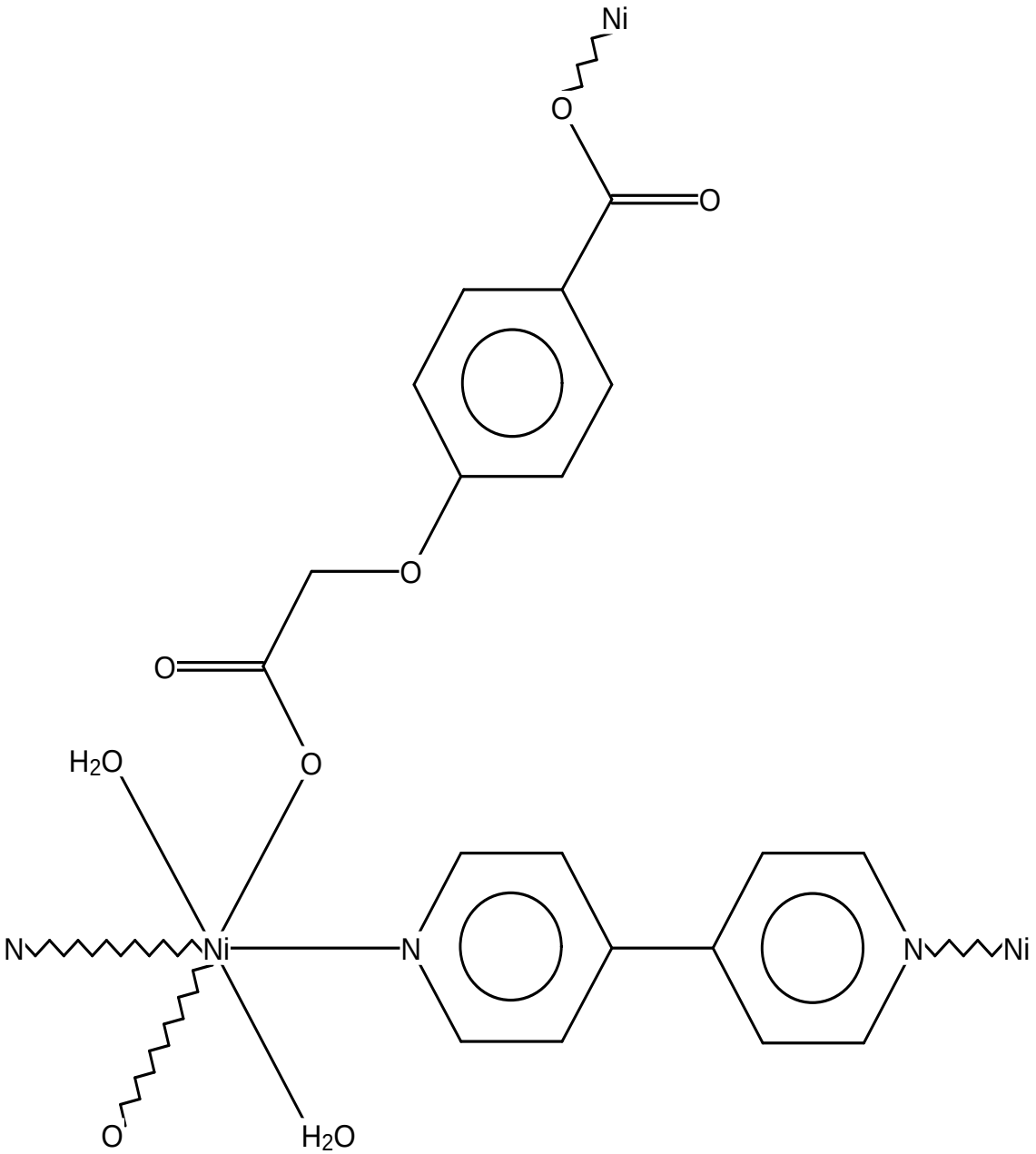
Reference: Wenjuan Zhuang, Xiangjun Zheng, Licun Li, Daizheng Liao, Hui Ma, Linpei Jin (2007) *CrystEngComm* ,**9,**653

Formula: $(C_{19}\ H_{18}\ N_2\ Ni_1\ O_7)n$

Compound Name: catena-((μ_2-4-Carboxylatophenoxyacetato)-(μ_2-4,4'-bipyridine)-diaqua-nickel(ii))

Space Group:	P3121	***Cell:***	***a***	11.274(0)	***b***	11.274(0)	***c*** 13.589(1)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.03 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.482



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1836

PIHZEM

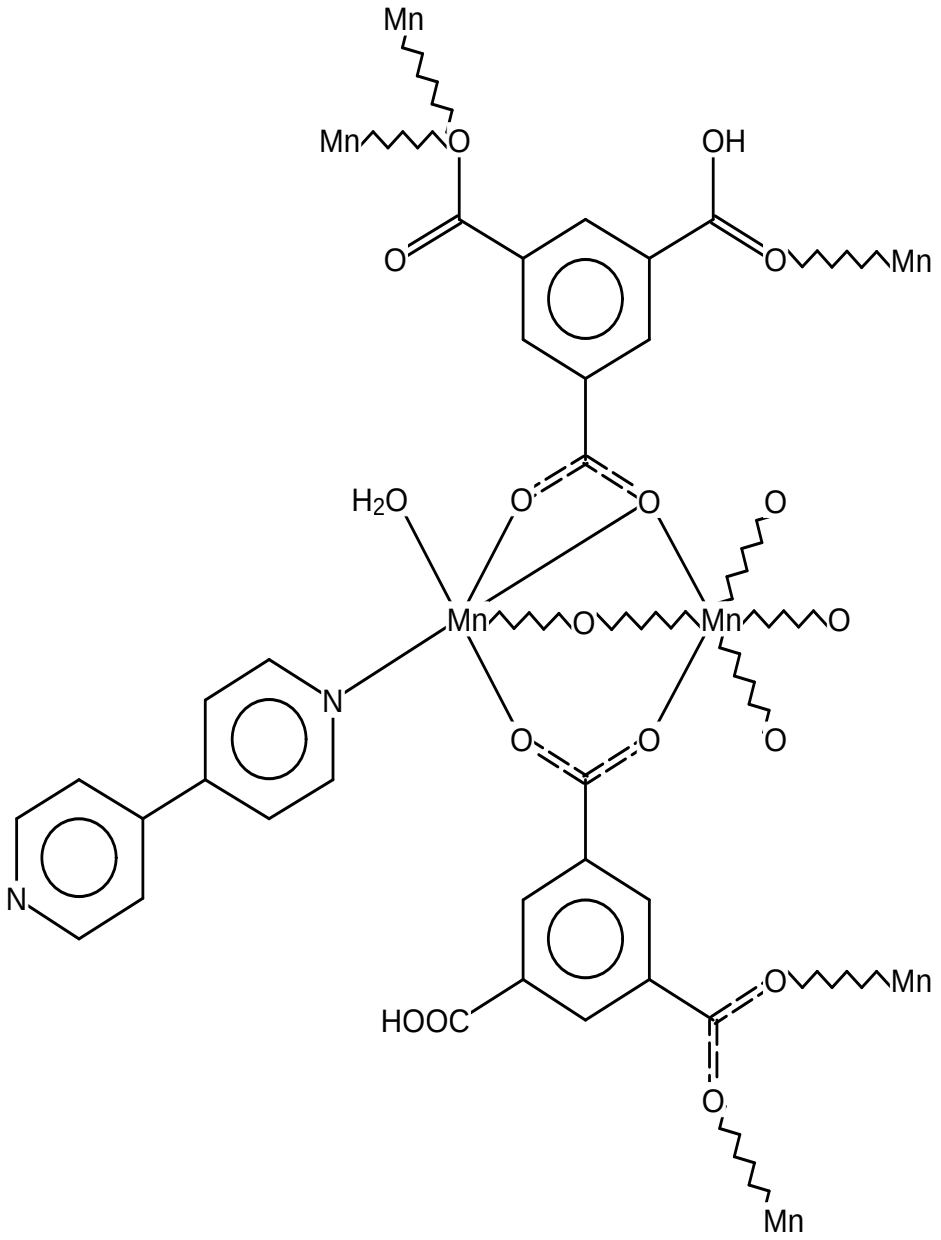
Reference: Feng Luo, Yun-Xia Che, Ji-Min Zheng (2007)
J.Coord.Chem. ,**60,**1673

Formula: $(C_{28}\ H_{18}\ Mn_2\ N_2\ O_{13})n$

Compound Name: catena-[(μ_5-Hydrogen 1,3,5-benzenetricarboxylato-O,O,O',O'',O''')-(μ_4-hydrogen 1,3,5-benzenetricarboxylato-O,O',O'',O''')-(4,4'-bipyridyl)-aqua-di-manganese(ii)]

Space Group:	P-1	***Cell:***	***a***	9.847(0)	***b***	10.803(0)	***c***	12.589(0)
Space Group No.:	2	***(Å,°)***	α	94.04(0)	β	96.05(0)	γ	93.24(0)

R-Factor (%): 2.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.754



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1837

PIJJIC

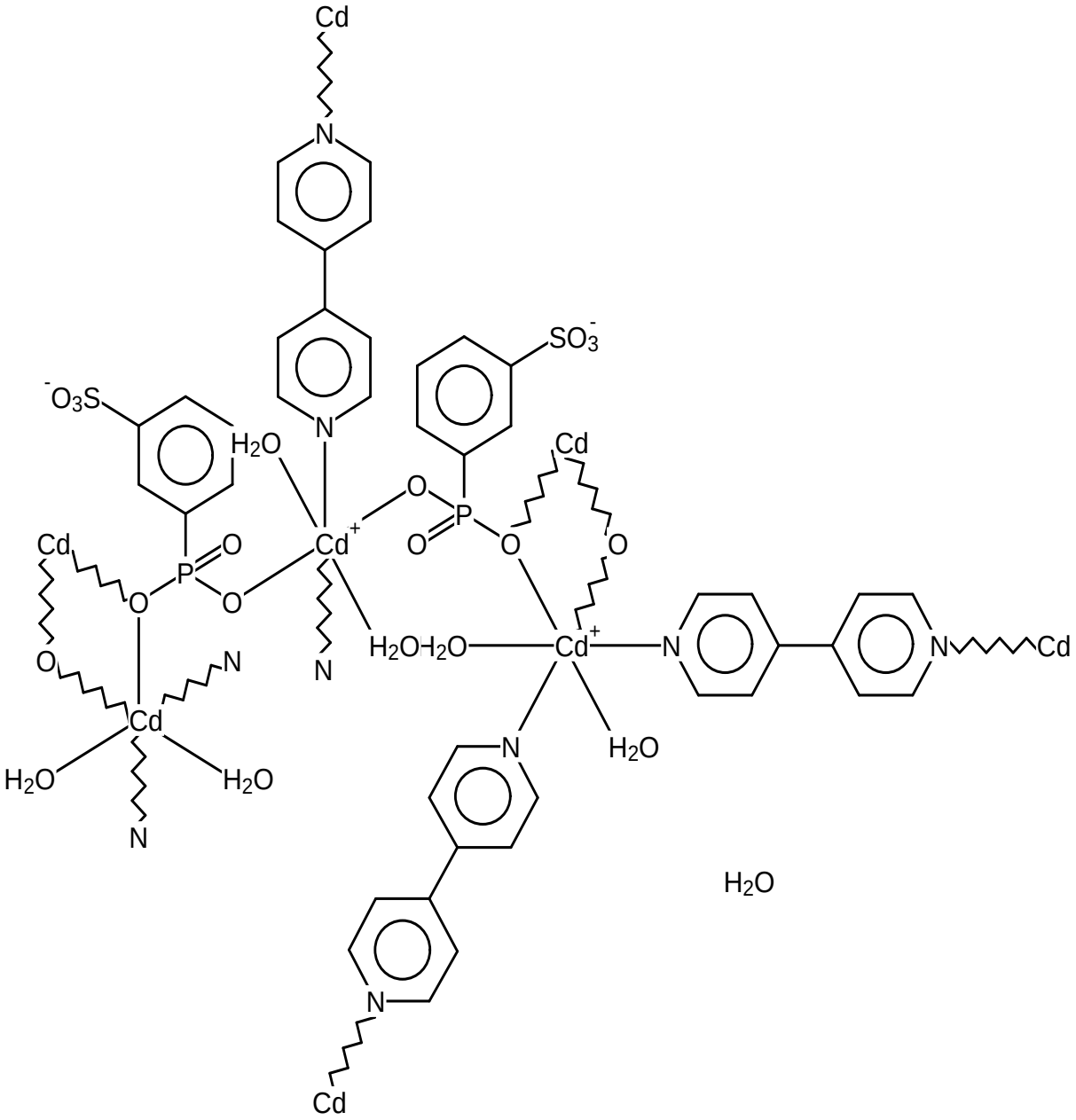
Reference: Zi-Yi Du, Xiu-Ling Li, Qing-Yan Liu, Jiang-Gao Mao (2007) *Cryst.Growth Des.* ,**7,**1501

Formula: $(C_{42}\ H_{44}\ Cd_3\ N_6\ O_{18}\ P_2\ S_2)n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-3-Sulfonatophenylphosphonato-O,O,O')-tris(μ_2-4,4'-bipyridyl)-hexa-aqua-tri-cadmium(ii) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	20.433(0)	***b*** 11.798(0)	***c***	23.949(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.72(0)	γ	90.00

R-Factor (%): 4.09 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.816



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1838

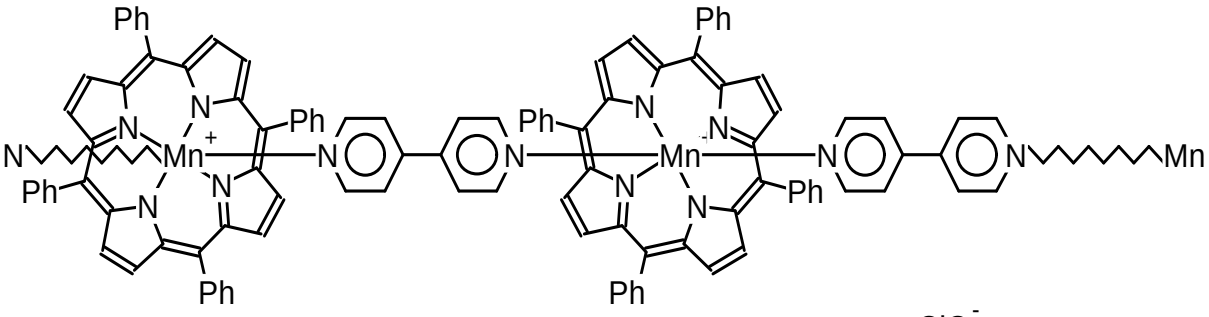
PIKKID

Reference: R.K.Kumar, S.Balasubramanian, I.Goldberg (1998) *Chem.Commun.* ,1435

Formula: $(C_{108}\ H_{72}\ Mn_2\ N_{12}\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_6\ H_5\ N_1\ O_2)$

Compound Name: catena((μ$_2$-4,4'-Bipyridyl-N,N')-(meso-tetraphenylporphinato)-manganese(iii) perchlorate nitrobenzene clathrate)

Space Group:	Pnna	***Cell:***	***a***	20.489(1)	***b***	20.611(1)	***c*** 23.653(1)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	9.92	***Temperature(K):***	295		***Density(g/cm^3):***	1.392	


Ph
N
Mn
+
Ph
N
Ph
N
Mn
-
Ph
N
Mn
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Mn
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N
Ph
N

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1839

PIRYIZ

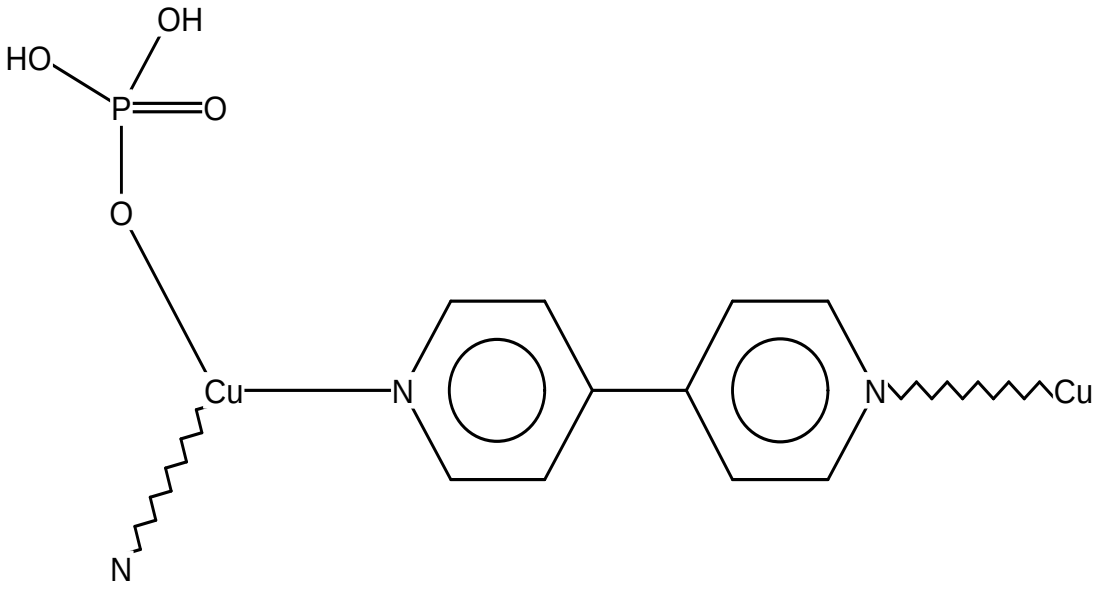
Reference: Bon Kweon Koo, Jungsook Kim, Uk Lee (2006)
*Bull.Korean Chem.Soc. ,***27,**2077

Formula: $(C_{10}\ H_{10}\ Cu_1\ N_2\ O_4\ P_1)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-(dihydrogen phosphato-O)-copper(i) monohydrate]

Space Group:	P2/n	***Cell:***	***a***	8.484(2)	***b*** 8.919(2)	***c***	17.887(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.66(3)	γ	90.00

R-Factor (%): 6.95 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.684



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1840

PIRYOF

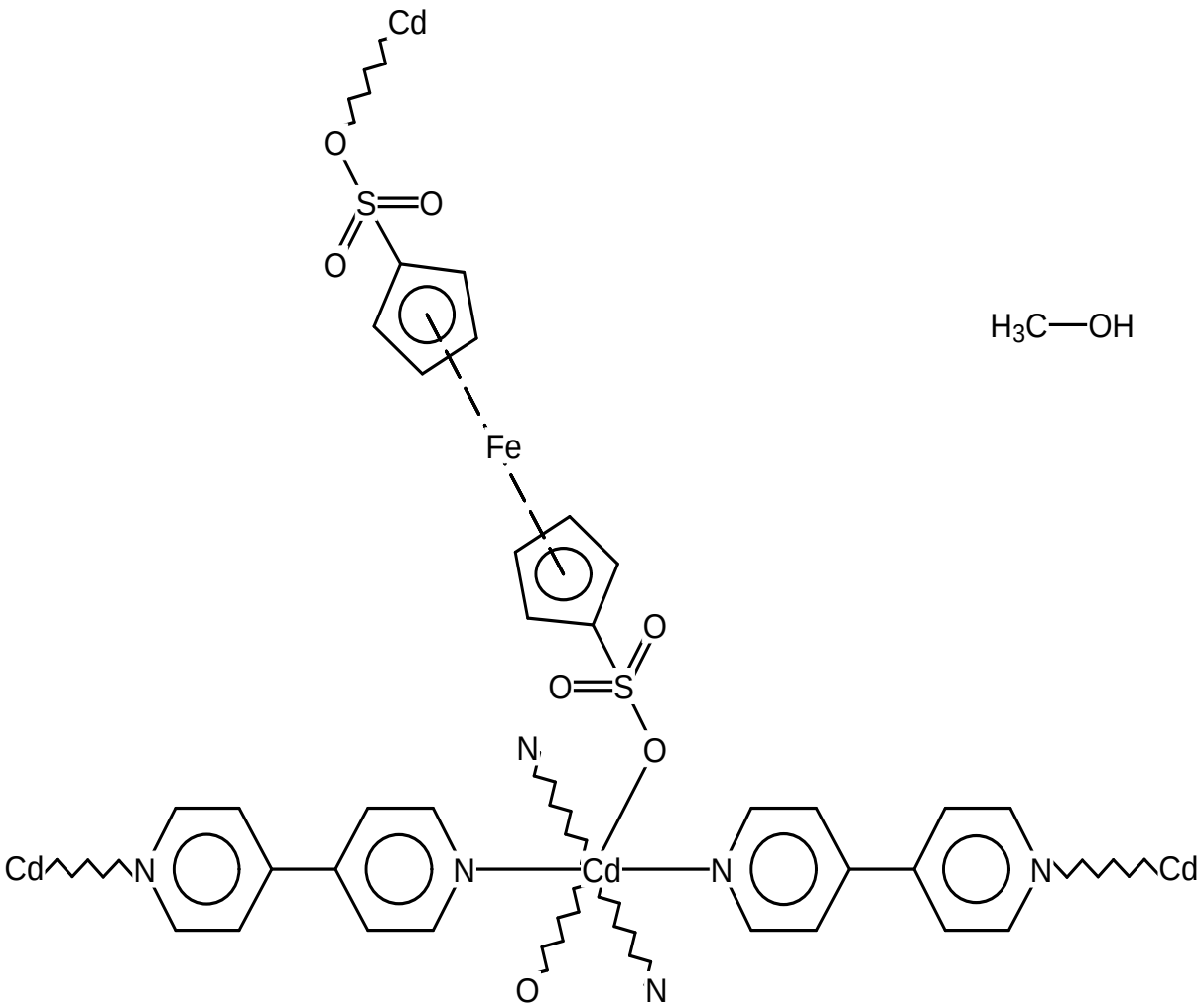
Reference: Liwei Mi, Hongwei Hou, Zhiyong Song, Huayun Han, Hong Xu, Yaoting Fan, S.W.Ng (2007) *Cryst.Growth Des. ,***7,**2553

Formula: $(C_{30}\ H_{24}\ Cd_1\ Fe_1\ N_4\ O_6\ S_2)n,4n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-Ferrocene-1,1'-disulfonato)-bis(μ_2-4,4'-bipyridyl)-cadmium(ii) methanol solvate)

Space Group:	P21212	***Cell:***	***a***	11.843(0)	***b***	13.483(0)	***c*** 11.692(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.596



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1841

PIVHEI

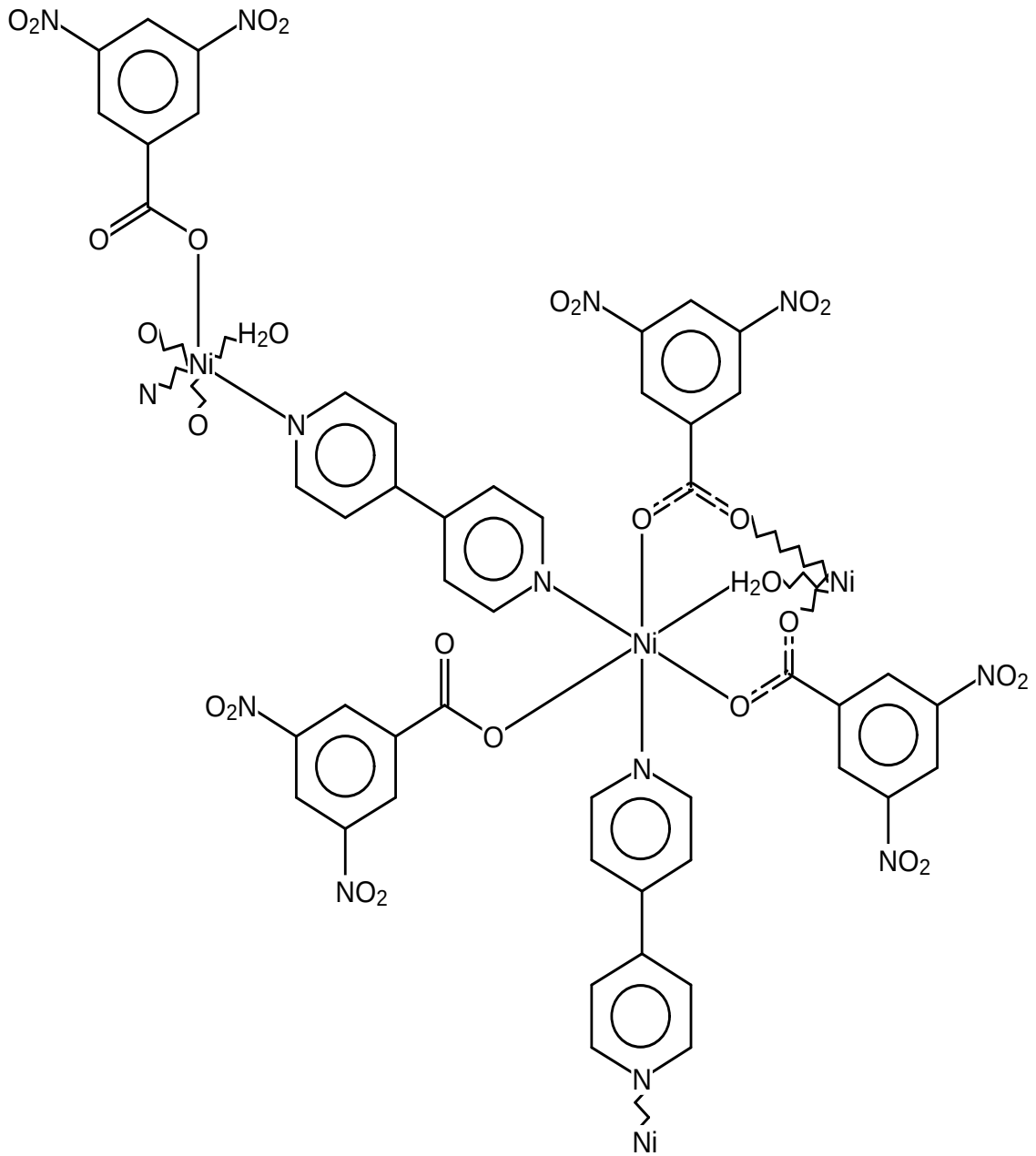
Reference: De-Xin Hu, Pang-Kuan Chen, Feng Luo, Lin Xue, Yunxia Che, Ji-Min Zheng (2007) *Inorg.Chim.Acta* ,**360,**4077

Formula: $(C_{48}\ H_{30}\ N_{12}\ Ni_2\ O_{25})n$

Compound Name: catena-((μ_2-Aqua)-bis((μ_2-3,5-dinitrobenzoato)-(μ_2-4,4'-bipyridine)-(3,5-dinitrobenzoato-O))-di-nickel(ii))

Space Group:	P21/c	***Cell:***	***a***	13.692(3)	***b***	16.654(3)	***c*** 26.878(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	115.04(2)	γ 90.00

R-Factor (%): 3.81 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.546



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1842

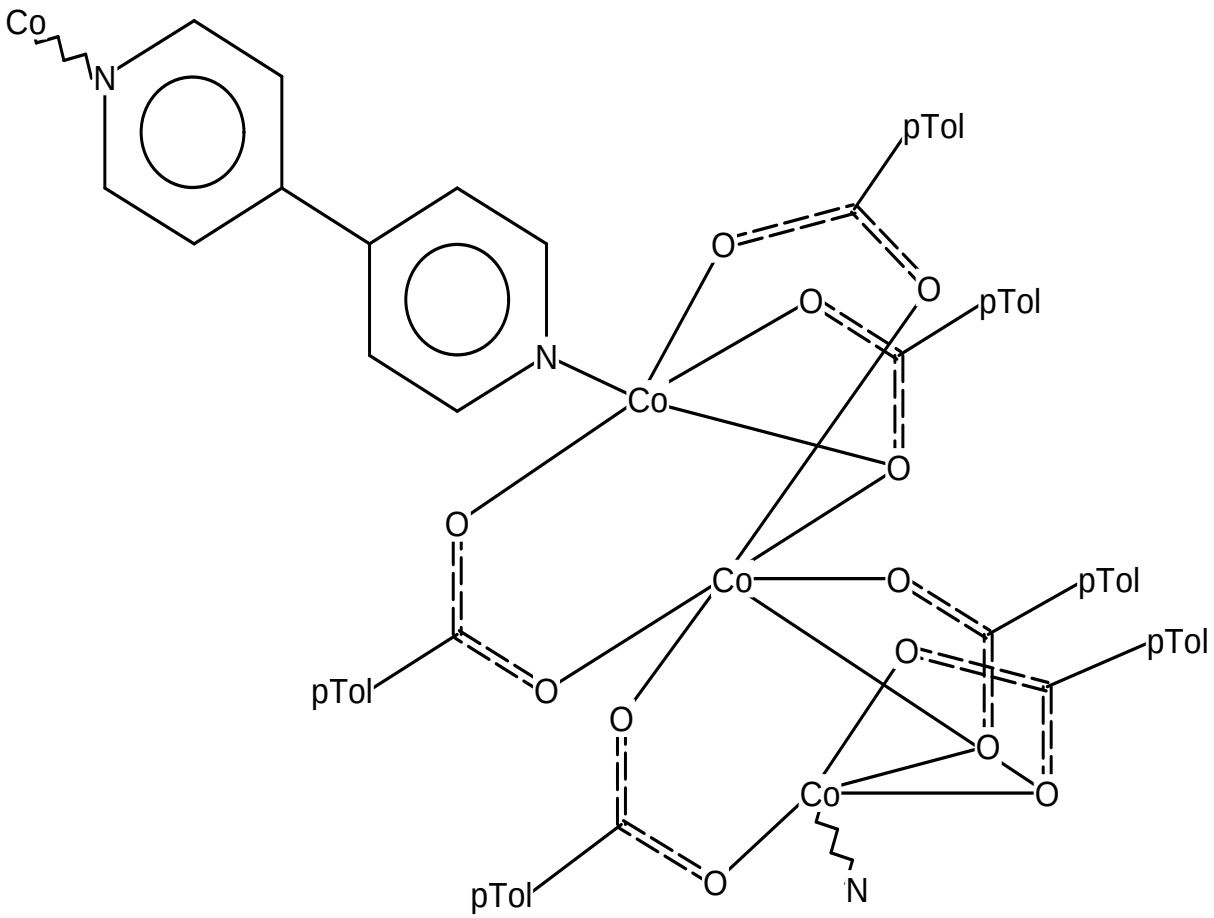
PIVHIM

Reference: De-Xin Hu, Pang-Kuan Chen, Feng Luo, Lin Xue, Yunxia Che, Ji-Min Zheng (2007) *Inorg.Chim.Acta* ,**360,**4077

Formula: $(C_{58}\ H_{50}\ Co_3\ N_2\ O_{12})n$

Compound Name: catena-(bis(μ_2-4-Methylbenzoato-O,O,O')-tetrakis(μ_2-4-methylbenzoato-O,O')-(μ_2-4,4'-bipyridine)-tri-cobalt(ii))

Space Group:	P-1	***Cell:***	***a*** 10.115(2)	***b*** 12.000(2)	***c*** 12.392(3)
Space Group No.:	2	***(Å,°)***	α 98.96(3)	β 108.94(3)	γ 107.91(3)
R-Factor (%):	3.34	***Temperature(K):***	293	***Density(g/cm^3):***	1.463



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1843

PIVHOS

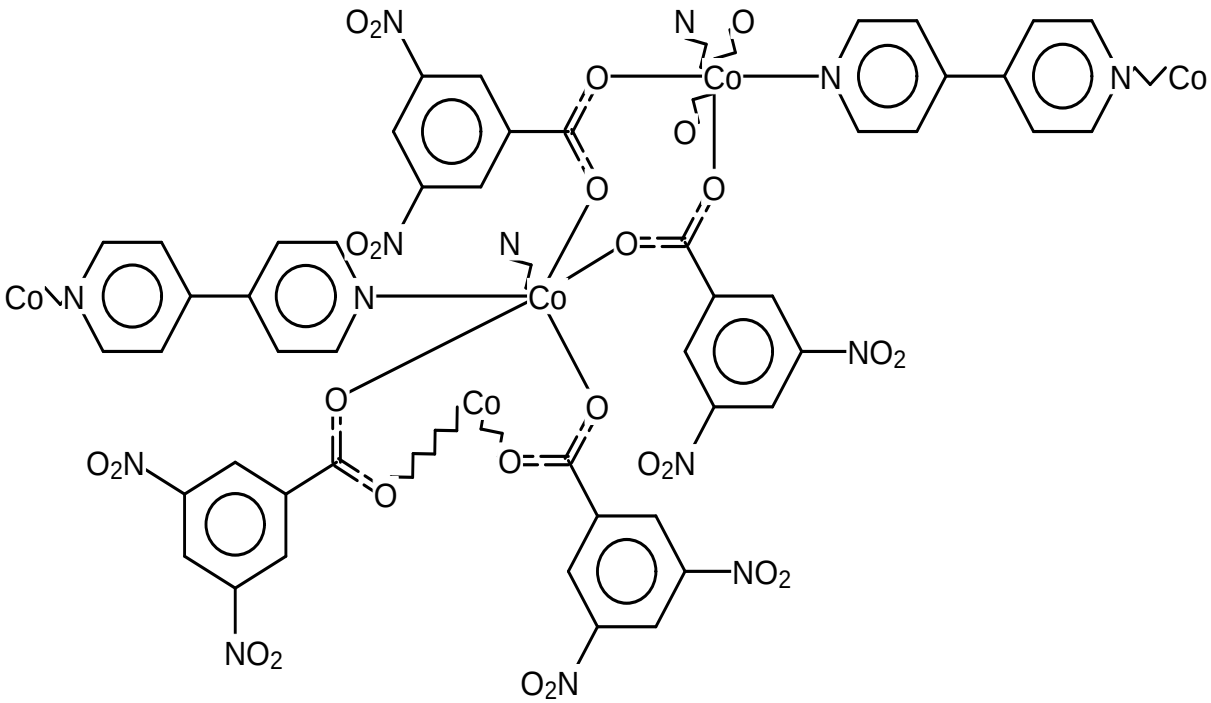
Reference: De-Xin Hu, Pang-Kuan Chen, Feng Luo, Lin Xue, Yunxia Che, Ji-Min Zheng (2007) *Inorg.Chim.Acta* ,**360,**4077

Formula: $(C_{48}\ H_{28}\ Co_2\ N_{12}\ O_{24})n$

Compound Name: catena-(tetrakis(μ_2-3,5-Dinitrobenzoato)-bis(μ_2-4,4'-bipyridine)-di-cobalt(ii))

Space Group:	P2/c	***Cell:***	***a***	10.060(2)	***b*** 11.396(2)	***c***	22.156(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β 109.22(3)	γ	90.00

R-Factor (%): 3.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.765



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1844

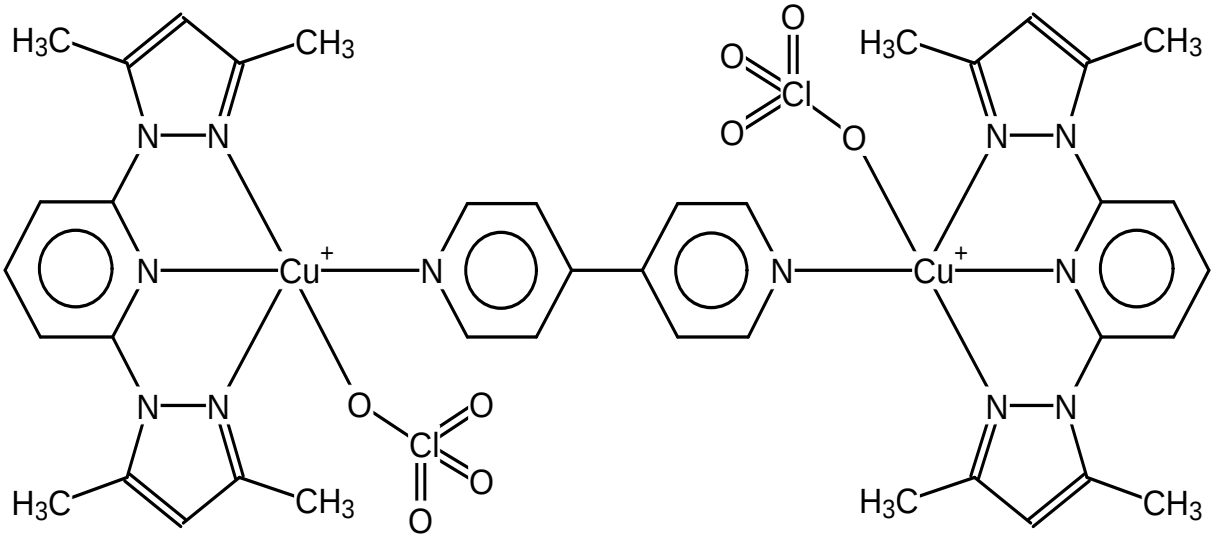
PIVMUD

Reference: Guang-Fei Liu, Zhi-Gang Ren, Hong-Xi Li, Yang Chen, Qiu-Hong Li, Yong Zhang, Jian-Ping Lang (2007) *Eur.J.Inorg.Chem.* , 5511

Formula: $C_{40}\ H_{42}\ Cl_2\ Cu_2\ N_{12}\ O_8\ ^{2+}, 2(Cl_1\ O_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((2,6-bis(3,5-dimethyl-1H-pyrazolyl)pyridine)-(perchlorato-O)-copper(ii)) diperchlorate

Space Group:	P-1	***Cell:***	***a***	7.677(1)	***b***	8.991(1)	***c*** 17.265(3)
Space Group No.:	2	***(Å,°)***	α	99.49(3)	β	91.54(3)	γ 91.46(3)
R-Factor (%):	3.47	***Temperature(K):***	153	***Density(g/cm3):***	1.719		



ClO_4^-

Search: search1 (Thu May 26 10:05:42 2011): Hit 1845

PIVQIV

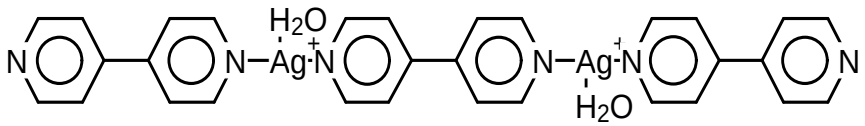
Reference: Yutian Wang, U.Englert (2007) *Eur.J.Inorg.Chem.* ,5623

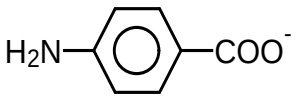
Formula: $(C_{30}\ H_{28}\ Ag_2\ N_6\ O_2\ ^{2+})n,n(C_{64}\ H_{52}\ Ag_4\ N_{12}\ O_4\ ^{2+}),4n(C_7\ H_6\ N_1\ O_2\ ^{1-}),14n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(4,4'-bipyridine)-di-silver bis(μ_2-4-aminobenzoato-O)-tris(μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-tetra-silver tetrakis(4-aminobenzoate) tetradecahydrate)

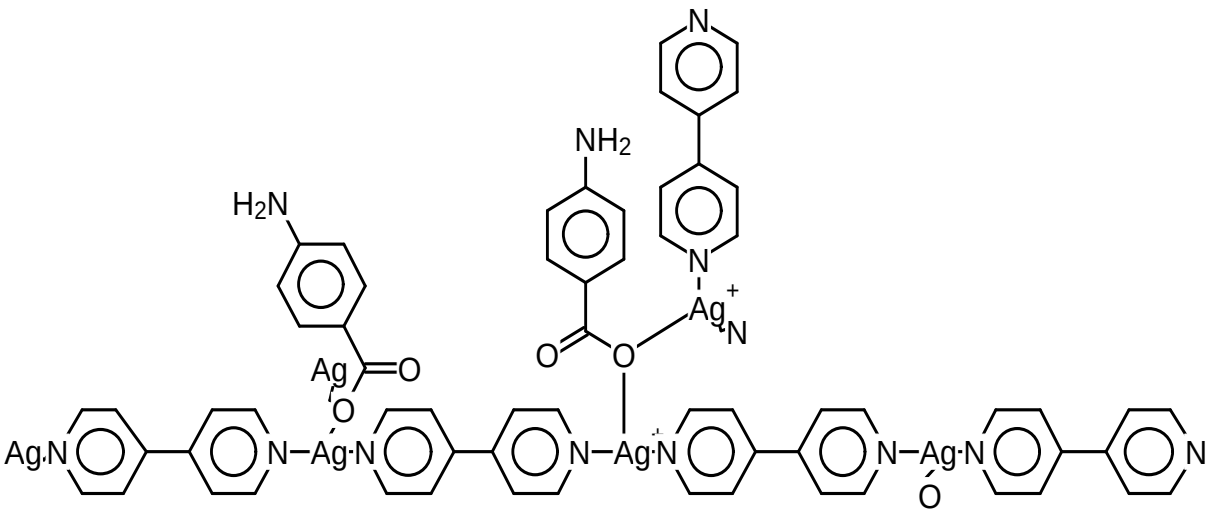
Space Group:	P21	***Cell:***	***a***	18.236(1)	***b***	14.063(0)	***c*** 23.677(1)
Space Group No.:	4	***(Å,°)***	α	90.00	β	95.99(0)	γ 90.00

R-Factor (%): 5.06 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.651





H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1846

PIWZAX

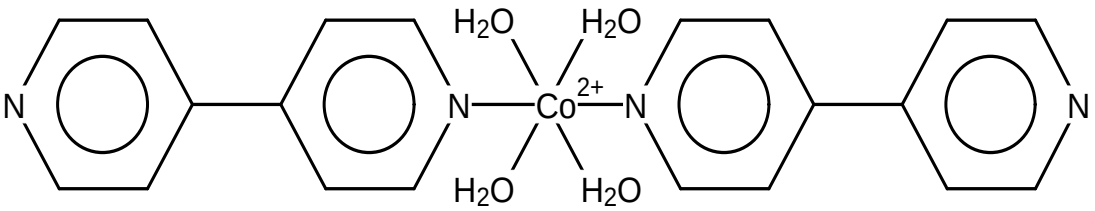
Reference: Da-Peng Zhou, Qing Ren, Jun-Wei Zhao, Jing-Ping Wang (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**1287

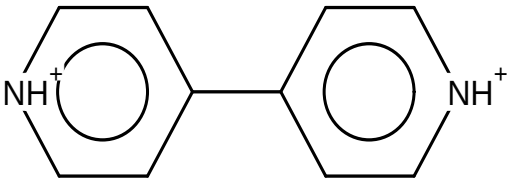
Formula: $C_{20}\ H_{24}\ Co_1\ N_4\ O_4\ ^{2+}$,2($C_{10}\ H_{10}\ N_2\ ^{2+}$),$H_2\ O_{40}\ W_{12}\ ^{6-}$,5.5($H_2\ O_1$)

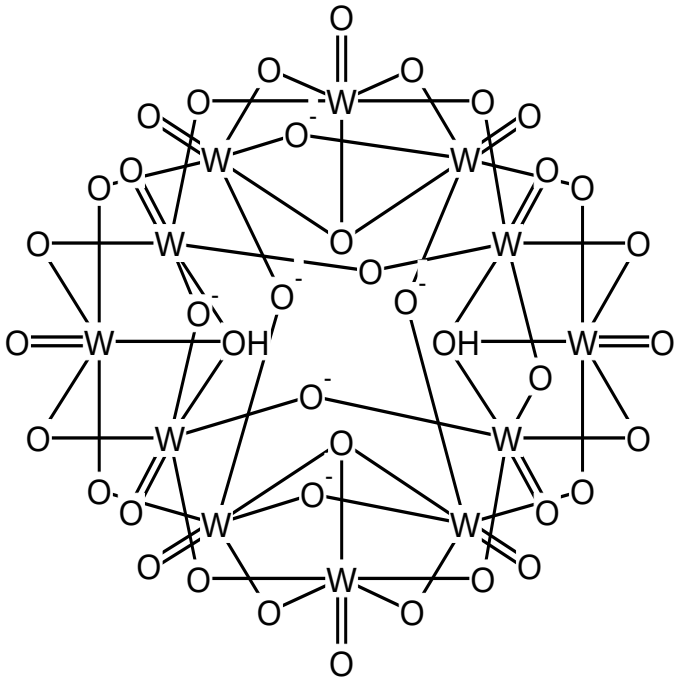
Compound Name: bis(4,4'-Bipyridine)-tetraaqua-cobalt bis(4,4'-bipyridinium) bis(μ_3-hydroxo)-bis(μ_3-oxo)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten hydrate

Space Group:	C2/c	***Cell:***	***a***	21.315(9)	***b*** 15.303(7)	***c***	24.139(10)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.17(0)	γ	90.00

R-Factor (%): 6.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.240







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1847

PIWZUR

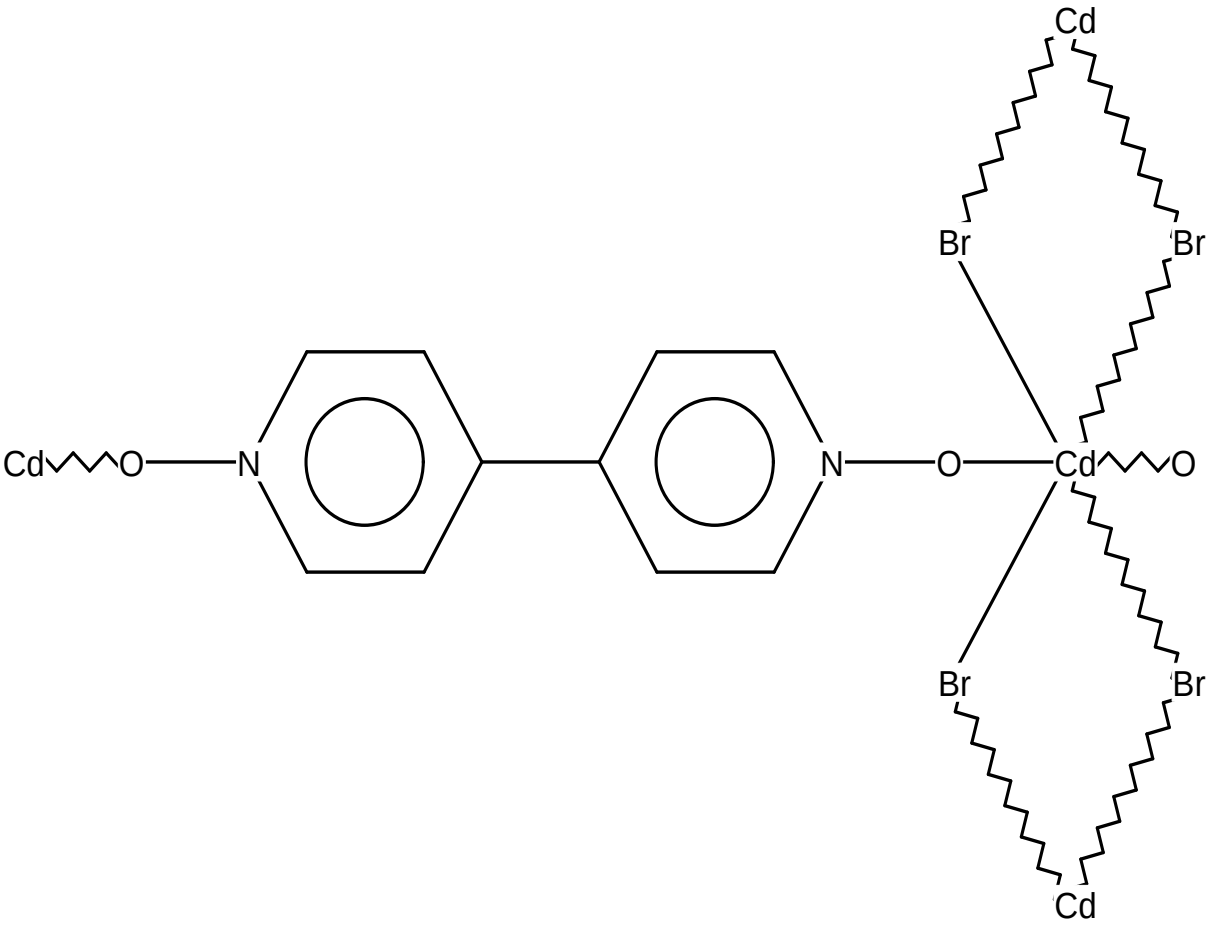
Reference: Yi-Cheng Shen, Pei-Xiu Yin, Zhao-Ji Li, Ye-Yan Qin, Yuan-Gen Yao (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**1345

Formula: $(C_{10}\ H_8\ Br_2\ Cd_1\ N_2\ O_2)n$

Compound Name: catena-(bis(μ_2-Bromo)-(μ_2-4,4'-bipyridine-N,N'-dioxide)-cadmium)

Space Group:	C2/c	***Cell:***	***a***	16.336(3)	***b*** 3.990(0)	***c***	18.479(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 91.64(0)	γ	90.00

R-Factor (%): 3.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1848

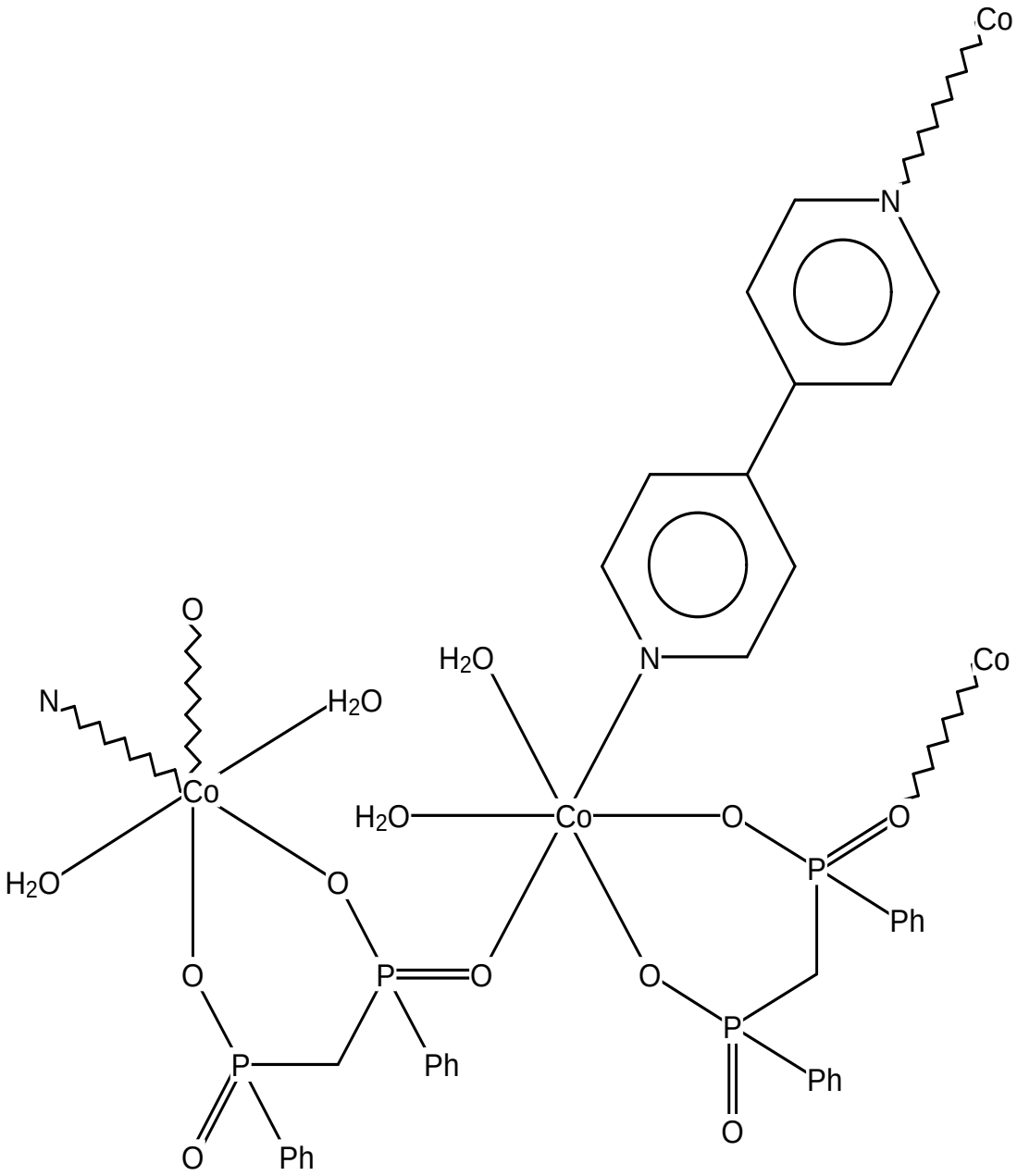
PIXVIC

Reference: F.Costantino, S.Midollini, A.Orlandini (2008)
Inorg.Chim.Acta ,**361,**327

Formula: $(C_{36}\ H_{40}\ Co_2\ N_2\ O_{12}\ P_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-P,P'-diphenylmethylenediphosphinato)-tetraaqua-di-cobalt(ii))

Space Group:	Pnaa	***Cell:***	***a***	9.483(6)	***b***	19.296(3)	***c***	22.270(3)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	3.78	***Temperature(K):***	293		***Density(g/cm^3):***		1.523	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1849

PIXVIC01

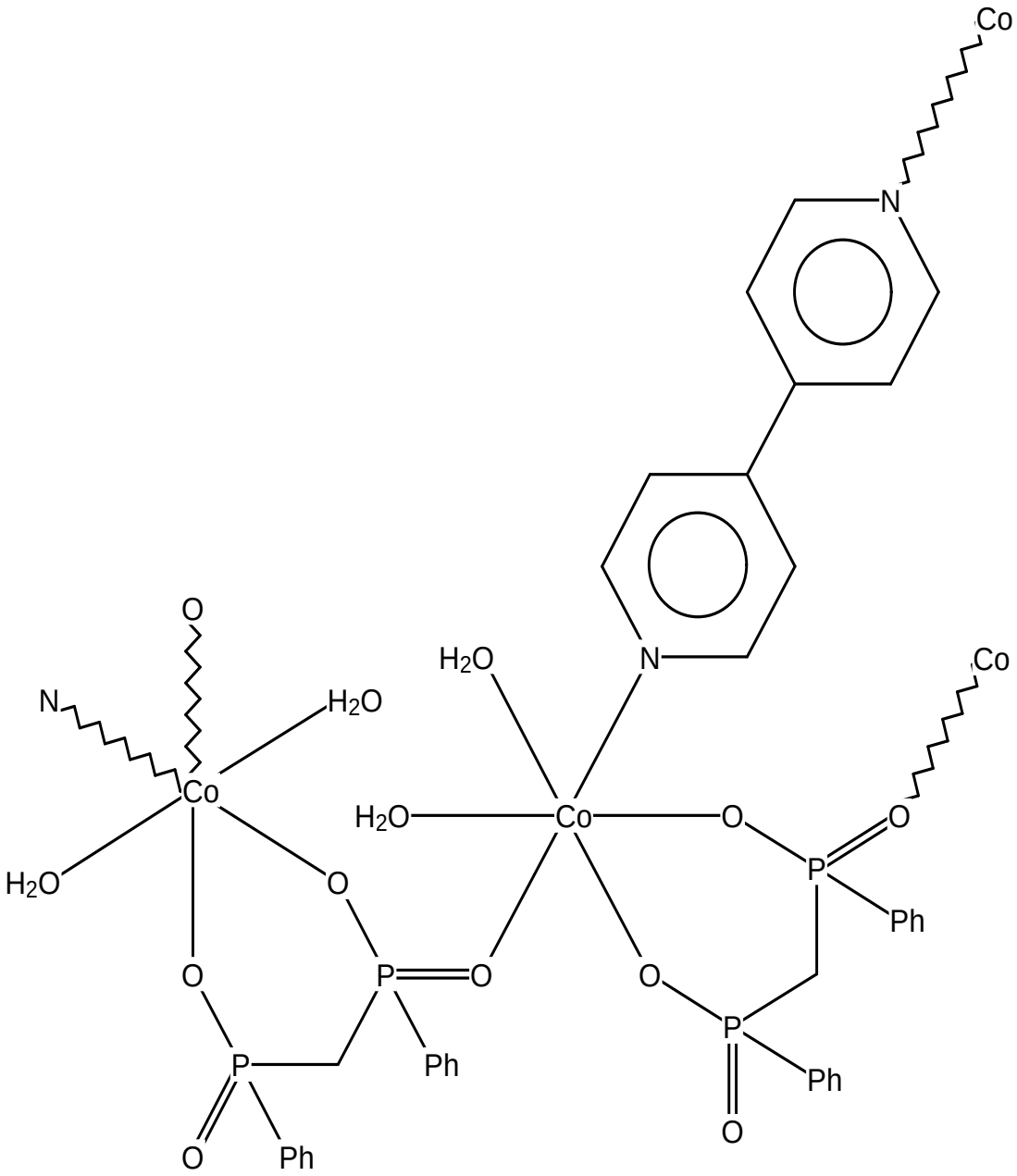
Reference: F.Costantino, S.Midollini, A.Orlandini (2008)
Inorg.Chim.Acta ,**361,**327

Formula: $(C_{36}\ H_{40}\ Co_2\ N_2\ O_{12}\ P_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-P,P'-diphenylmethylenediphosphinato)-tetraaqua-di-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	25.408(8)	***b*** 5.493(1)	***c***	30.007(9)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.43(4)	γ	90.00

R-Factor (%): 4.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.562



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1850

PIXWID

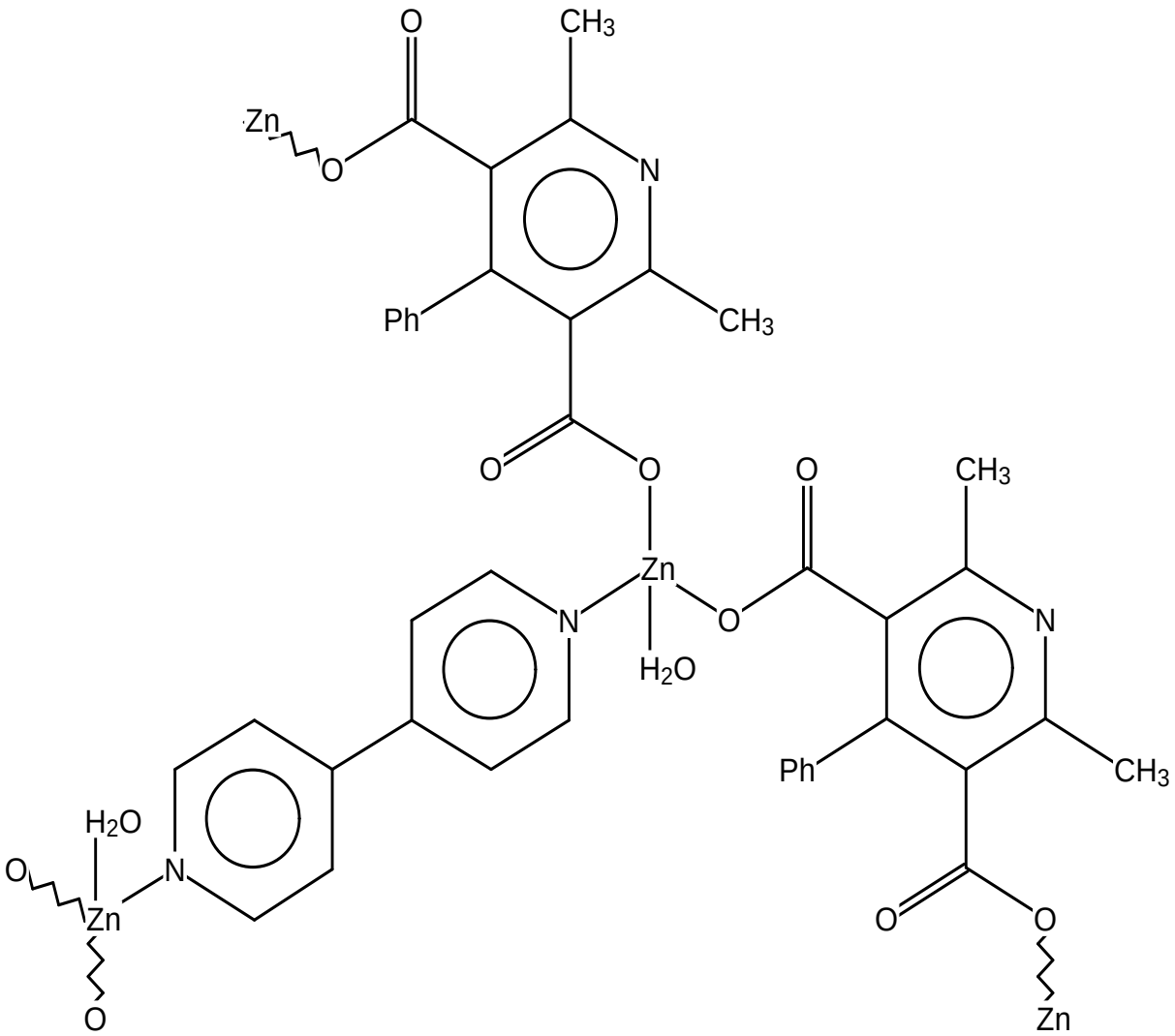
Reference: Kun-Lin Huang (2008) *Inorg.Chim.Acta* ,**361,**241

Formula: $(C_{40}\ H_{34}\ N_4\ O_{10}\ Zn_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-2,6-dimethyl-4-phenylpyridine-3,5-dicarboxylato)-diaqua-di-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	16.545(3)	***b***	9.131(1)	***c***	24.667(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.92(0)	γ	90.00

R-Factor (%): 4.19 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.559



Search: search1 (Thu May 26 10:05:42 2011): Hit 1851

PIXWOJ

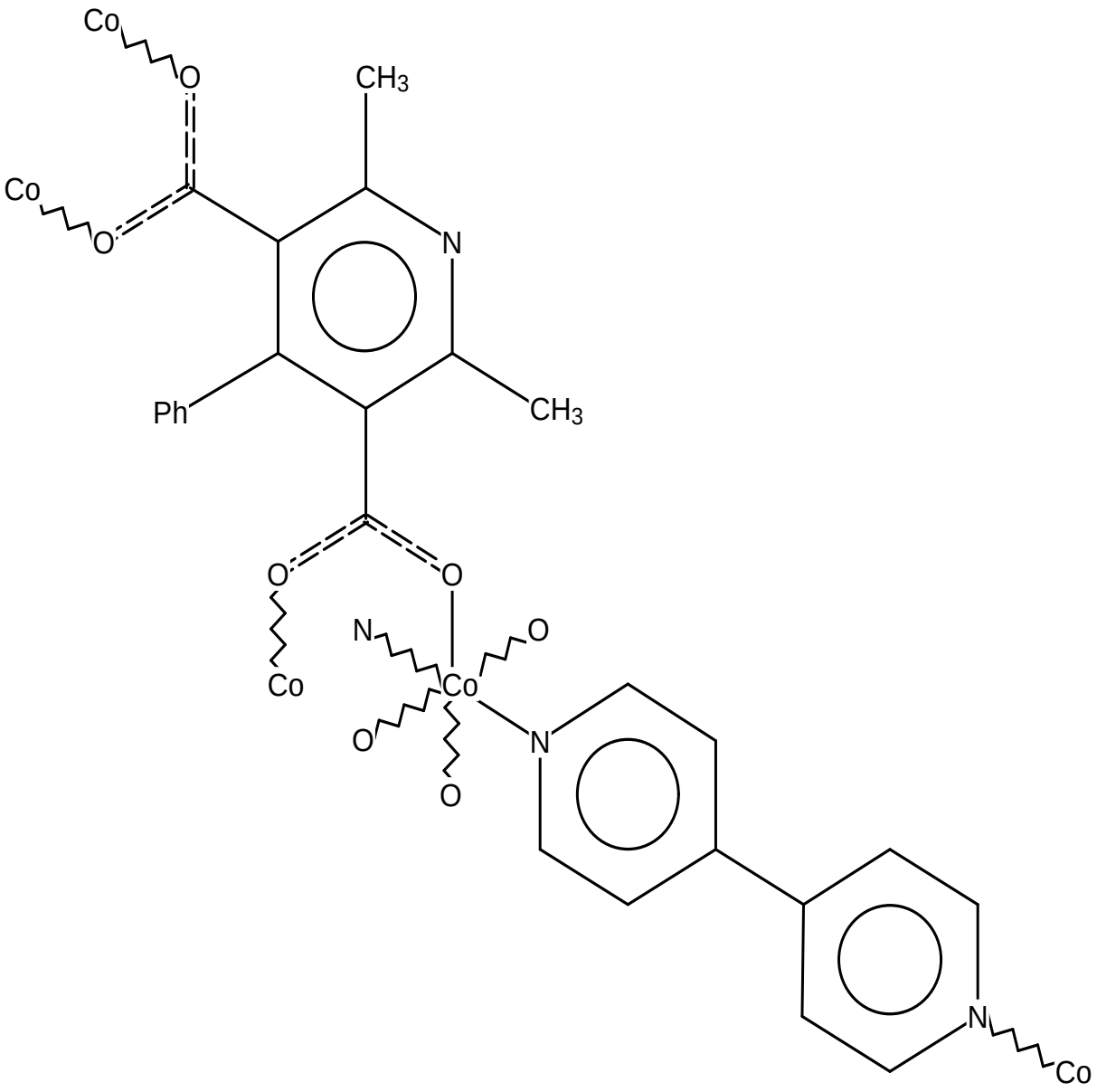
Reference: Kun-Lin Huang (2008) *Inorg.Chim.Acta* ,**361,**241

Formula: $(C_{25}\ H_{19}\ Co_1\ N_3\ O_4)n$

Compound Name: catena-((μ_4-2,6-Dimethyl-4-phenylpyridine-3,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-cobalt(ii))

Space Group:	P2/c	***Cell:***	***a***	9.189(5)	***b*** 11.332(7)	***c***	9.994(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β 109.50(0)	γ	90.00

R-Factor (%): 3.34 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.640



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1852

PIYJOX

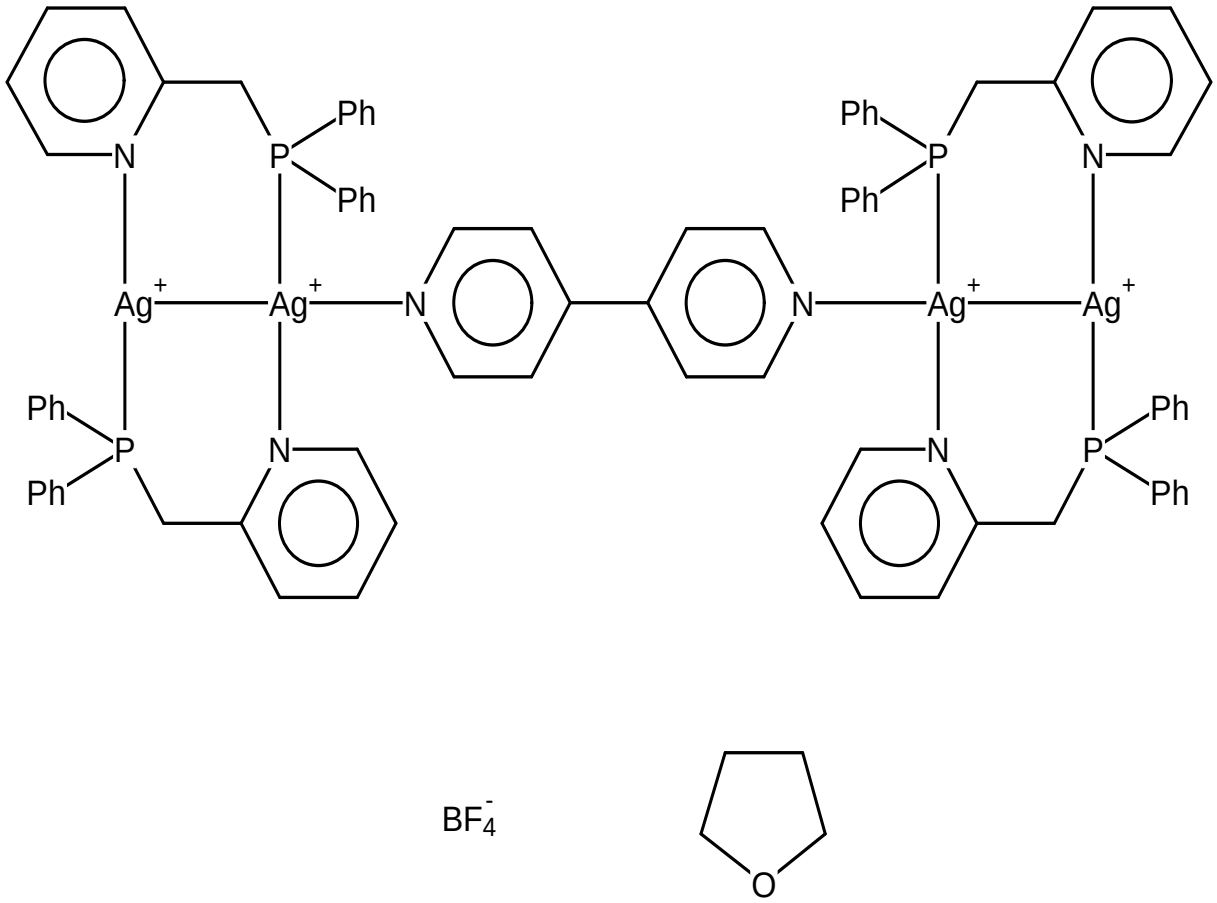
Reference: F.Hung-Low, K.K.Klausmeyer (2008) *Inorg.Chim.Acta ,* **361,**1298

Formula: $C_{82}\ H_{72}\ Ag_4\ N_6\ P_4\ ^{4+}$,4($B_1\ F_4\ ^{1-}$),3($C_4\ H_8\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-2-(diphenylphosphinomethyl) pyridine-N,P)-tetra-silver(i) tetrakis(tetrafluoroborate) tetrahydrofuran solvate

Space Group:	P21/n	***Cell:***	***a***	17.571(0)	***b*** 11.380(0)	***c***	23.453(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.29(0)	γ	90.00

R-Factor (%): 4.90 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1853

PIYKAK

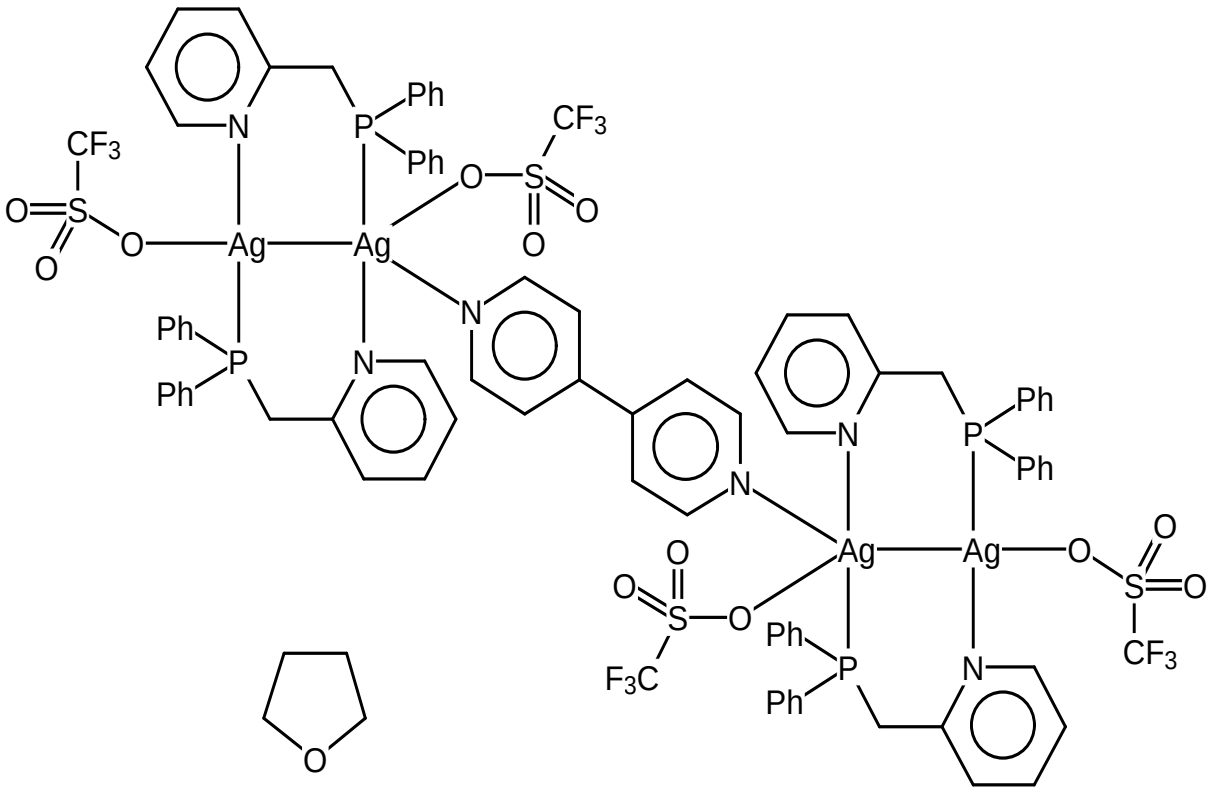
Reference: F.Hung-Low, K.K.Klausmeyer (2008) *Inorg.Chim.Acta* , **361,**1298

Formula: $C_{86}\ H_{72}\ Ag_4\ F_{12}\ N_6\ O_{12}\ P_4\ S_4,4(C_4\ H_8\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-2-(diphenylphosphinomethyl) pyridine-N,P)-tetrakis(trifluoromethanesulfonato-O)-tetra-silver(i) tetrahydrofuran solvate

Space Group:	P21	***Cell:***	***a***	9.934(0)	***b*** 27.951(1)	***c***	19.855(1)
Space Group No.:	4	***(Å,°)***	α	90.00	β 103.23(0)	γ	90.00

R-Factor (%): 4.74 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.598



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1854

PIYKEO

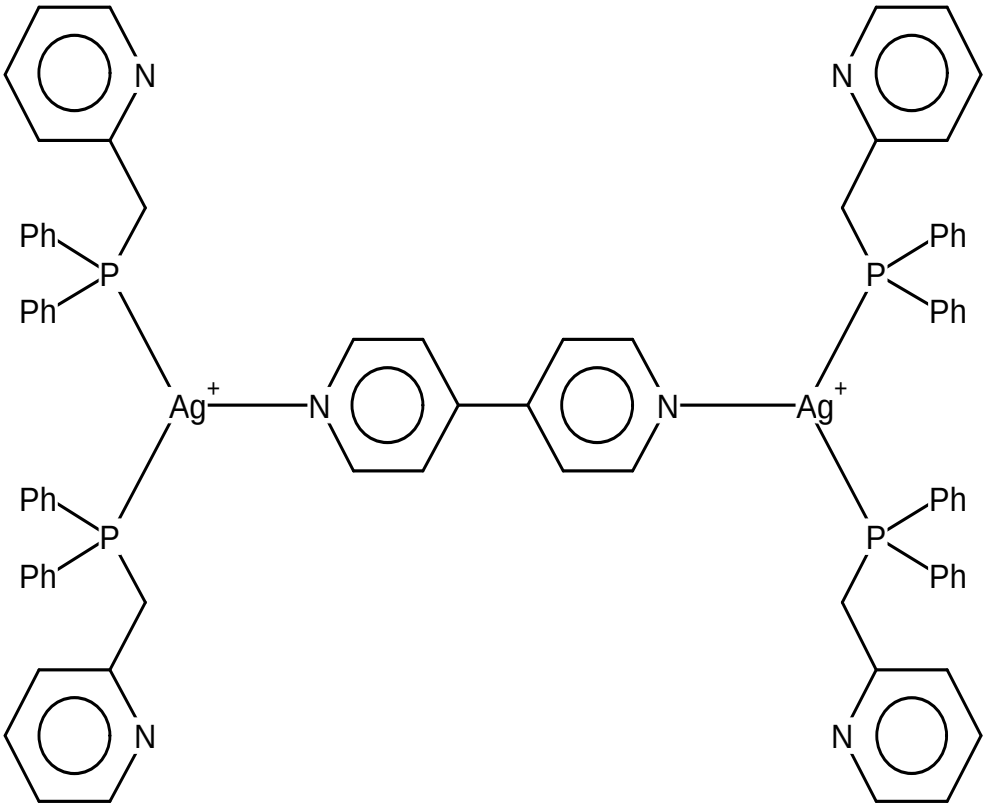
Reference: F.Hung-Low, K.K.Klausmeyer (2008) *Inorg.Chim.Acta ,* **361,**1298

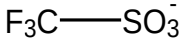
Formula: $C_{82}\ H_{72}\ Ag_2\ N_6\ P_4\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(2-(diphenylphosphinomethyl)pyridine-N,P)-di-silver(i) bis(trifluoromethanesulfonate)

Space Group:	P21/c	***Cell:***	***a***	15.942(1)	***b***	15.452(1)	***c*** 16.105(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.86(0)	γ 90.00

R-Factor (%): 3.63 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.493





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1855

POFDUK

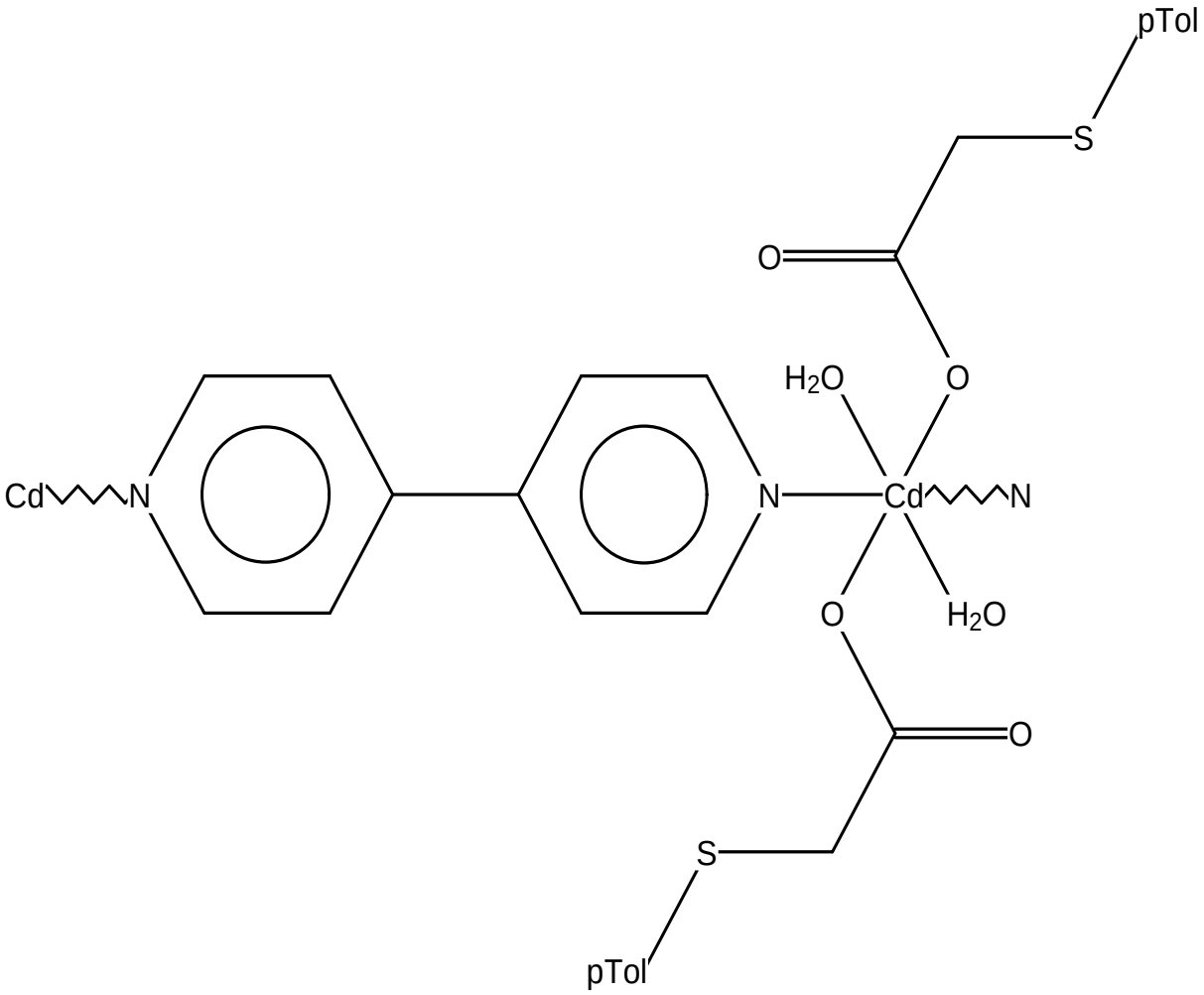
Reference: Wen-Xuan Cai, Xiao-Yong Zheng, Xiao-Hong Geng, Yun-Long Feng (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**64,** m1137

Formula: $(C_{28}\ H_{30}\ Cd_1\ N_2\ O_6\ S_2)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-diaqua-bis((4-tolylsulfanyl)acetato)-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	21.659(4)	***b***	11.590(2)	***c***	11.137(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.88(3)	γ	90.00

R-Factor (%): 3.17 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.589



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1856

POGQOR

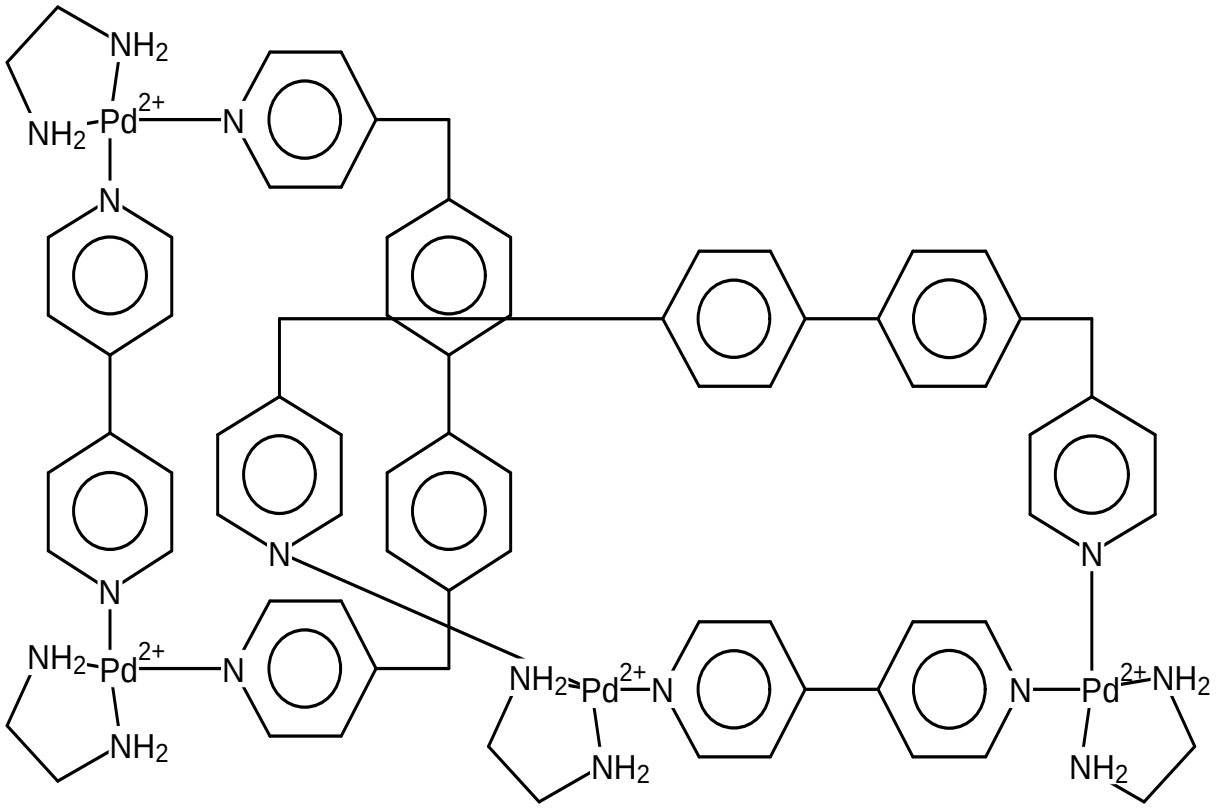
Reference: M.Fujita, M.Aoyagi, F.Ibukuro, K.Ogura, K.Yamaguchi (1998) *J.Am.Chem.Soc.* ,**120,**611

Formula: $C_{38}\ H_{44}\ N_8\ Pd_2\ ^{4+}$,$C_{38}\ H_{44}\ N_8\ Pd_2\ ^{4+}$,8($Cl_1\ O_4\ ^{1-}$)

Compound Name: (2)-bis((μ_2-4,4'-Bipyridine)-(μ_2-4,4'-bis(4-pyridylmethyl)biphenylene-N,N')-bis(ethylenediamine)-di-palladium(ii)) catenane octaperchlorate

Space Group:	P-1	***Cell:***	***a*** 16.161(10)	***b*** 25.730(30)	***c*** 13.777(3)
Space Group No.:	2	***(Å,°)***	α 105.64(6)	β 115.15(3)	γ 87.61(7)

R-Factor (%): 16.10 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.633



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1857

POHREK

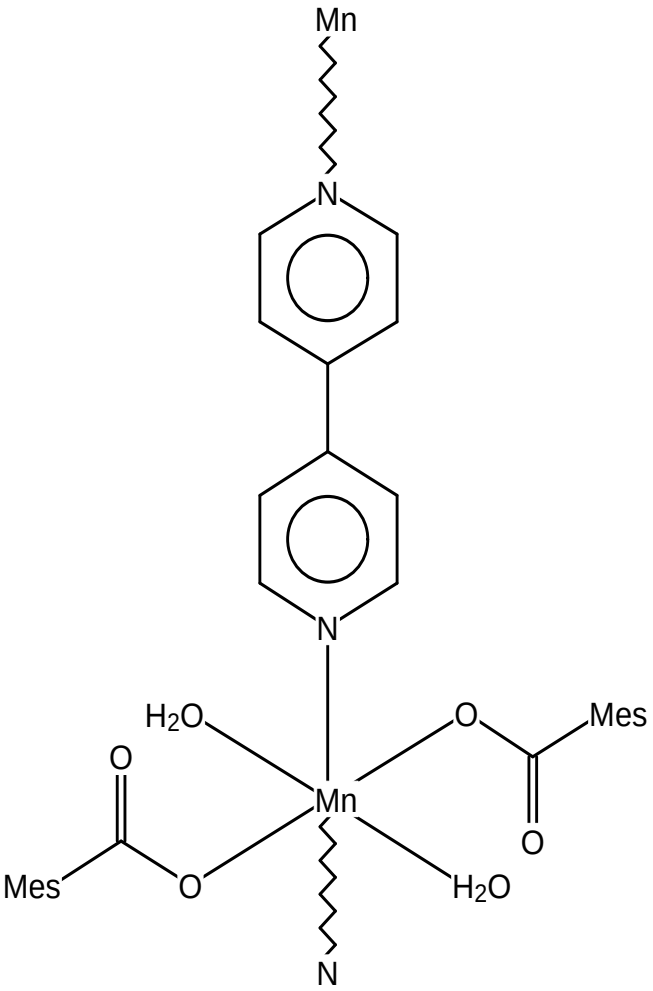
Reference: Wei Li, Chang-Hong Li, Ying-Qun Yang, Yun-Fei Kuang (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**1510

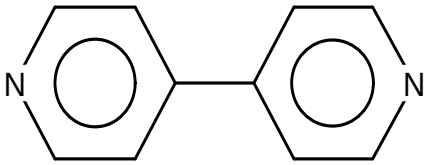
Formula: $(C_{30}\ H_{34}\ Mn_1\ N_2\ O_6)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(2,4,6-trimethylbenzoato-O)-manganese(ii) 4,4'-bipyridine)

Space Group:	Ccca	***Cell:***	***a***	13.028(1)	***b***	26.011(3)	***c*** 23.322(3)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.227





Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1858

POHSAH

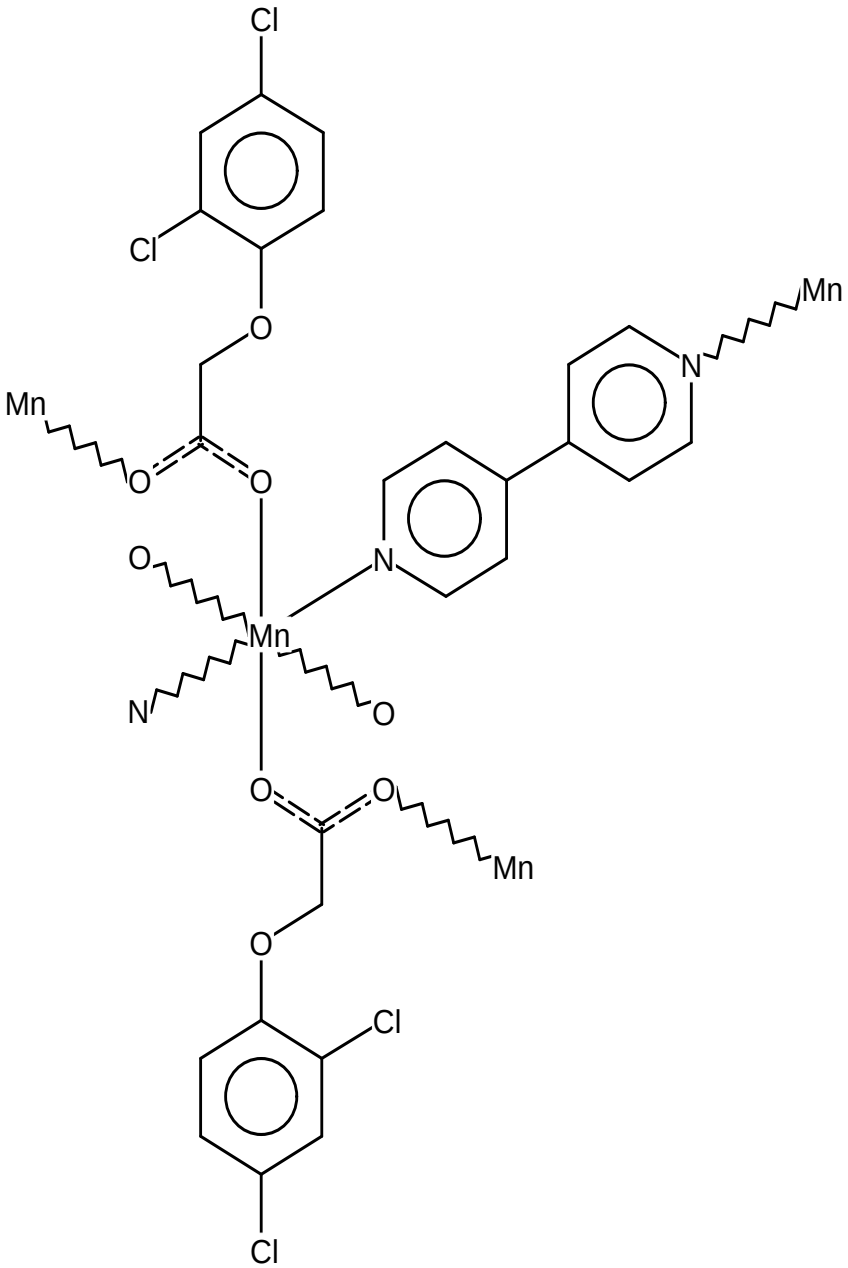
Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Shao-Hua Zhang (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**1531

Formula: $(C_{26}\ H_{18}\ Cl_4\ Mn_1\ N_2\ O_6)n$

Compound Name: catena-(bis(μ_2-2,4-Dichlorophenoxyacetato-O,O')-(μ_2-4,4'-bipyridine-N,N')-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	23.078(6)	***b***	11.643(3)	***c***	9.709(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.25(0)	γ	90.00

R-Factor (%):	4.61	***Temperature(K):***	294	***Density(g/cm^3):***	1.668



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1859

POHSIP

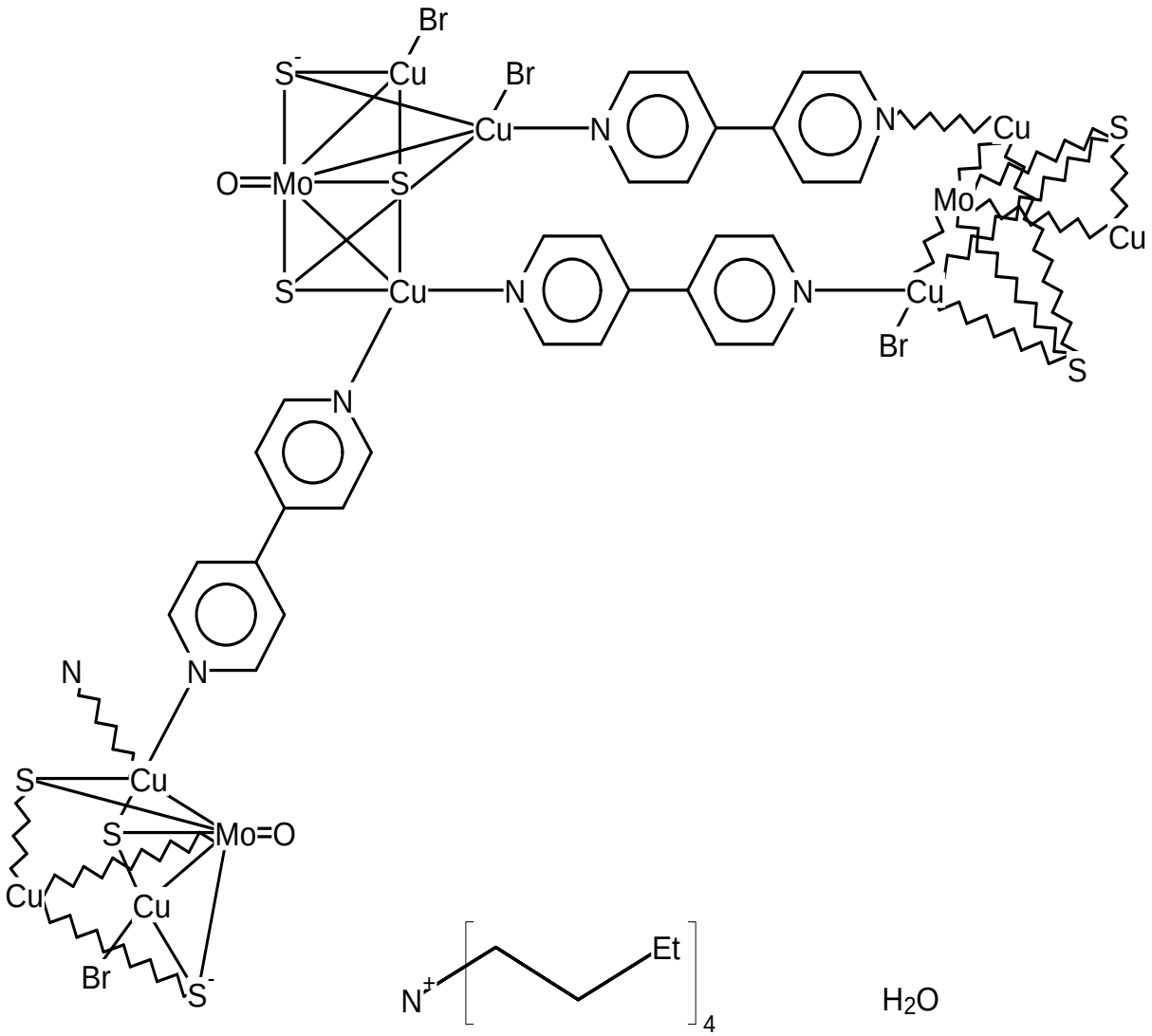
Reference: Kai Liang, Ya-Li Ji, Chun-Ying Xian, Yi-Zhi Li, He-Gen Zheng (2008)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**24,**1543

Formula: $(C_{16}\ H_{36}\ N_1\ ^{1+})2n,n(C_{30}\ H_{24}\ Br_4\ Cu_6\ Mo_2\ N_6\ O_2\ S_6\ ^{2-}),0.5n(H_2\ O_1)$

Compound Name: catena-(bis(Tetra-n-butylammonium) hexakis(μ_3-sulfido)-tris(μ_2-4,4'-bipyridine-N,N')-tetrabromo-dioxo-hexa-copper-di-molybdenum hemihydrate)

Space Group:	P-1	***Cell:***	***a***	9.824(1)	***b***	12.937(1)	***c*** 17.374(2)
Space Group No.:	2	***(Å,°)***	α	97.81(1)	β	101.39(1)	γ 108.52(1)

R-Factor (%): 4.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.722



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1860

POKFOL

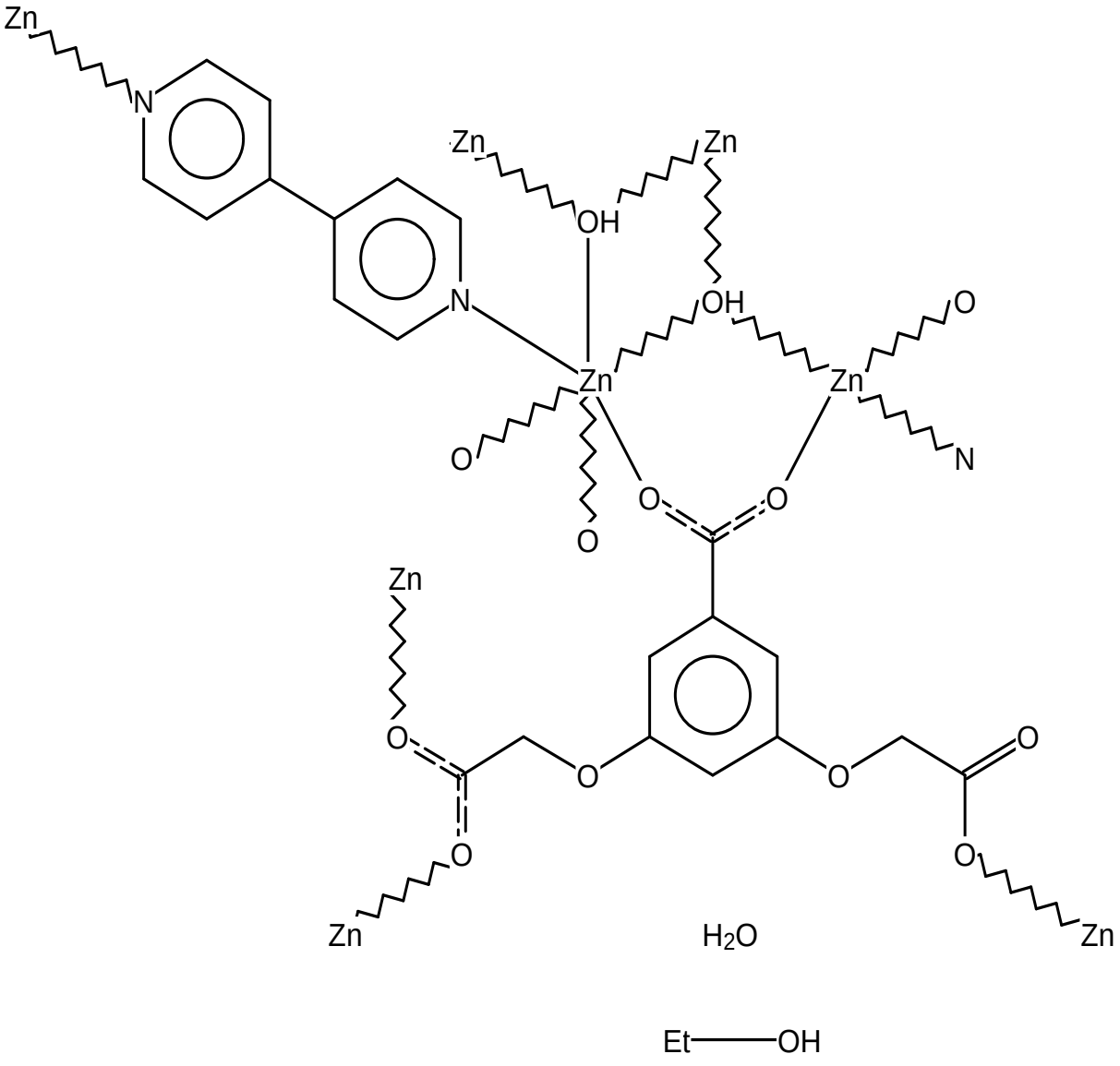
Reference: Yin-Hua He, Yun-Long Feng, You-Zhao Lan, Yi-Hang Wen (2008) *Cryst.Growth Des.* ,**8,**3586

Formula: $(C_{21}\ H_{16}\ N_2\ O_9\ Zn_2)n,0.25n(C_2\ H_6\ O_1),0.5n(H_2\ O_1)$

Compound Name: catena-((μ_5-3,5-bis(Oxyacetato)benzoato)-(μ_3-hydroxo)-(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii) ethanol solvate hemihydrate)

Space Group:	P-1	***Cell:***	***a***	9.820(2)	***b*** 11.824(2)	***c***	12.050(2)
Space Group No.:	2	***(Å,°)***	α	116.65(3)	β 102.36(3)	γ	96.21(3)

R-Factor (%): 3.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.654



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1861

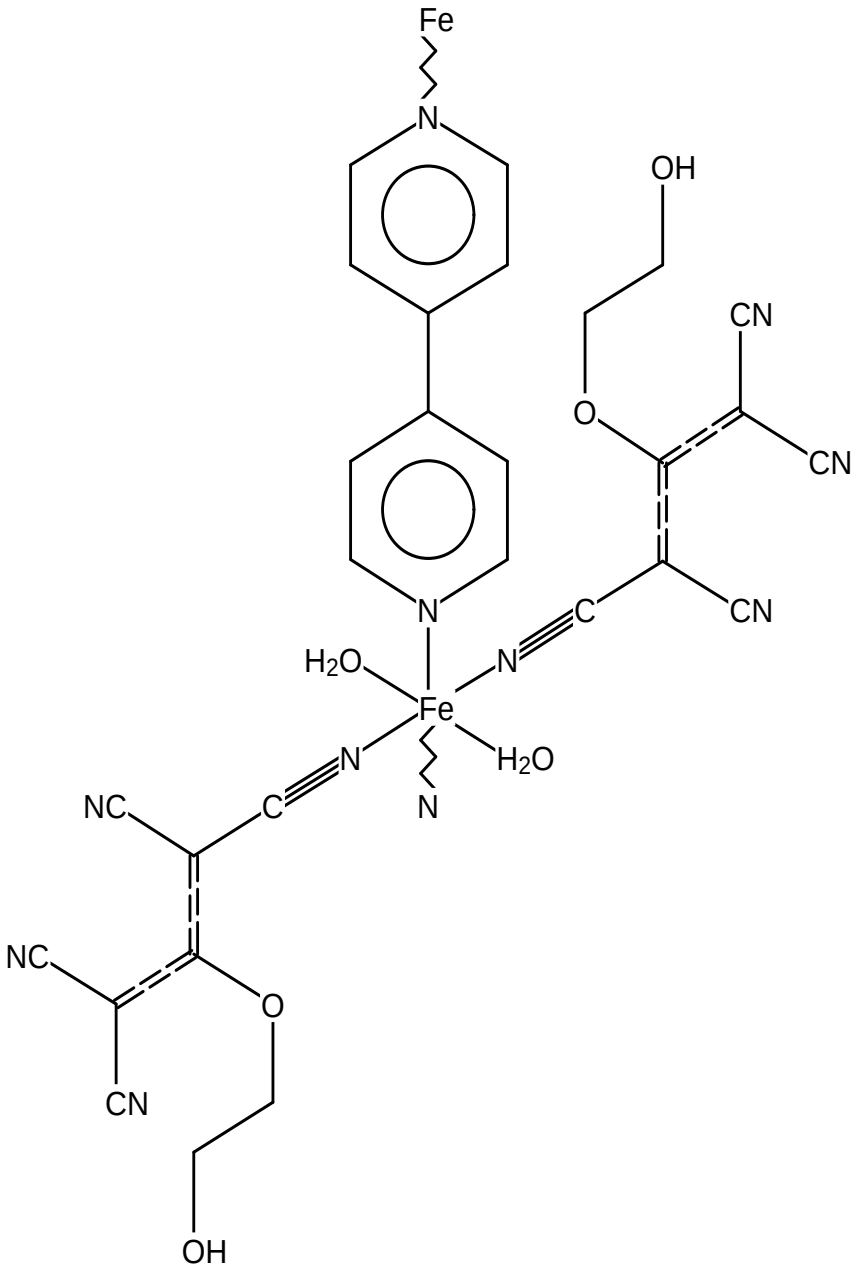
POLJAC

Reference: S.Benmansour, F.Setifi, C.J.Gomez-Garcia, S.Triki, E.Coronado (2008) *Inorg.Chim.Acta* ,**361,**3856

Formula: $(C_{28}\ H_{22}\ Fe_1\ N_{10}\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(2-(dicyanomethylidene)-5-hydroxy-3-oxapentyl-1,1-dicarbonitrile)-diaqua-iron(ii))

Space Group:	P-1	***Cell:***	***a*** 7.486(0)	***b*** 9.760(1)	***c*** 11.169(2)
Space Group No.:	2	***(Å,°)***	α 107.85(1)	β 106.57(1)	γ 97.89(1)
R-Factor (%):	4.17	***Temperature(K):***	170	***Density(g/cm^3):***	1.497



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1862

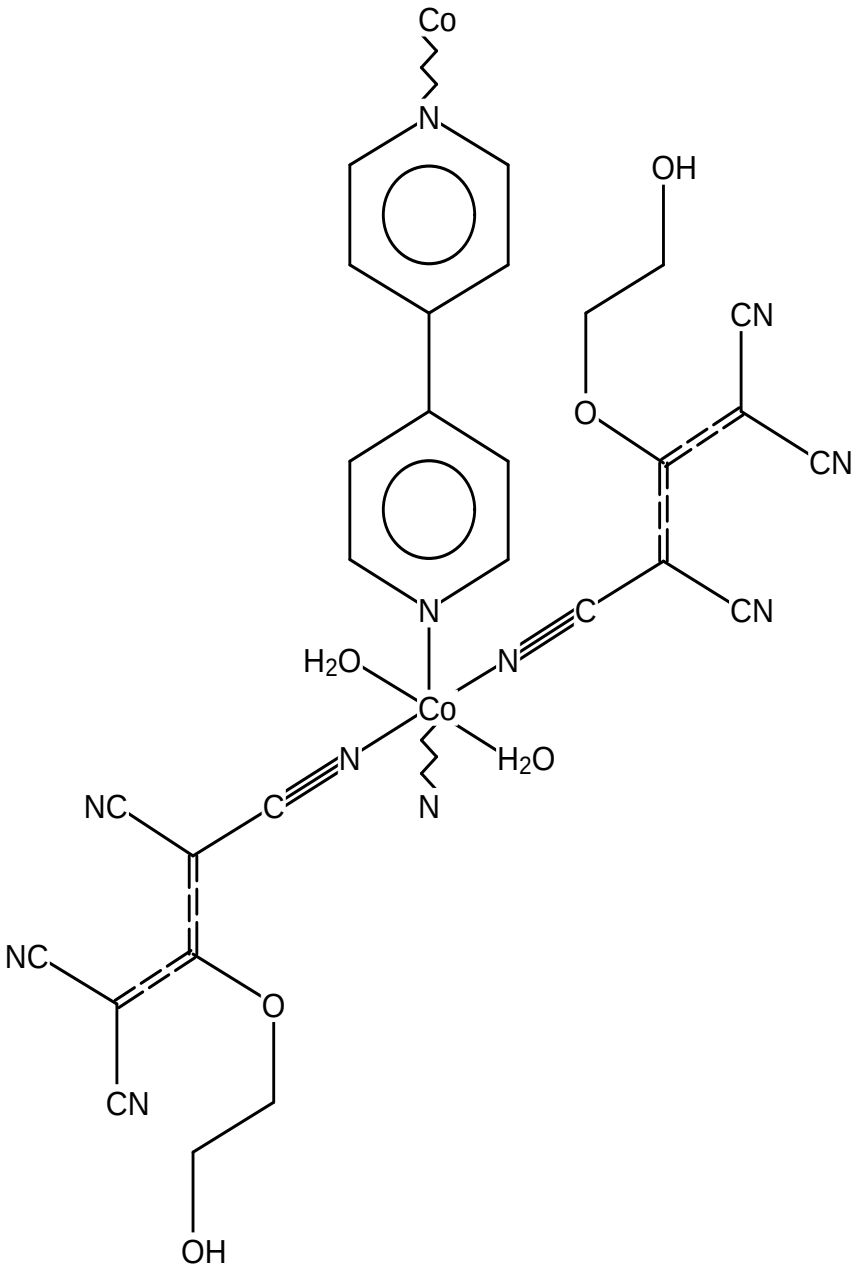
POLJEG

Reference: S.Benmansour, F.Setifi, C.J.Gomez-Garcia, S.Triki, E.Coronado (2008) *Inorg.Chim.Acta* ,**361,**3856

Formula: $(C_{28}\ H_{22}\ Co_1\ N_{10}\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(2-(dicyanomethylidene)-5-hydroxy-3-oxapentyl-1,1-dicarbonitrile)-diaqua-cobalt(ii))

Space Group:	P-1	***Cell:***	***a*** 7.520(1)	***b*** 9.724(2)	***c*** 11.139(2)
Space Group No.:	2	***(Å,°)***	α 107.91(1)	β 106.27(1)	γ 98.46(1)
R-Factor (%):	3.83	***Temperature(K):***	170	***Density(g/cm^3):***	1.508



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1863

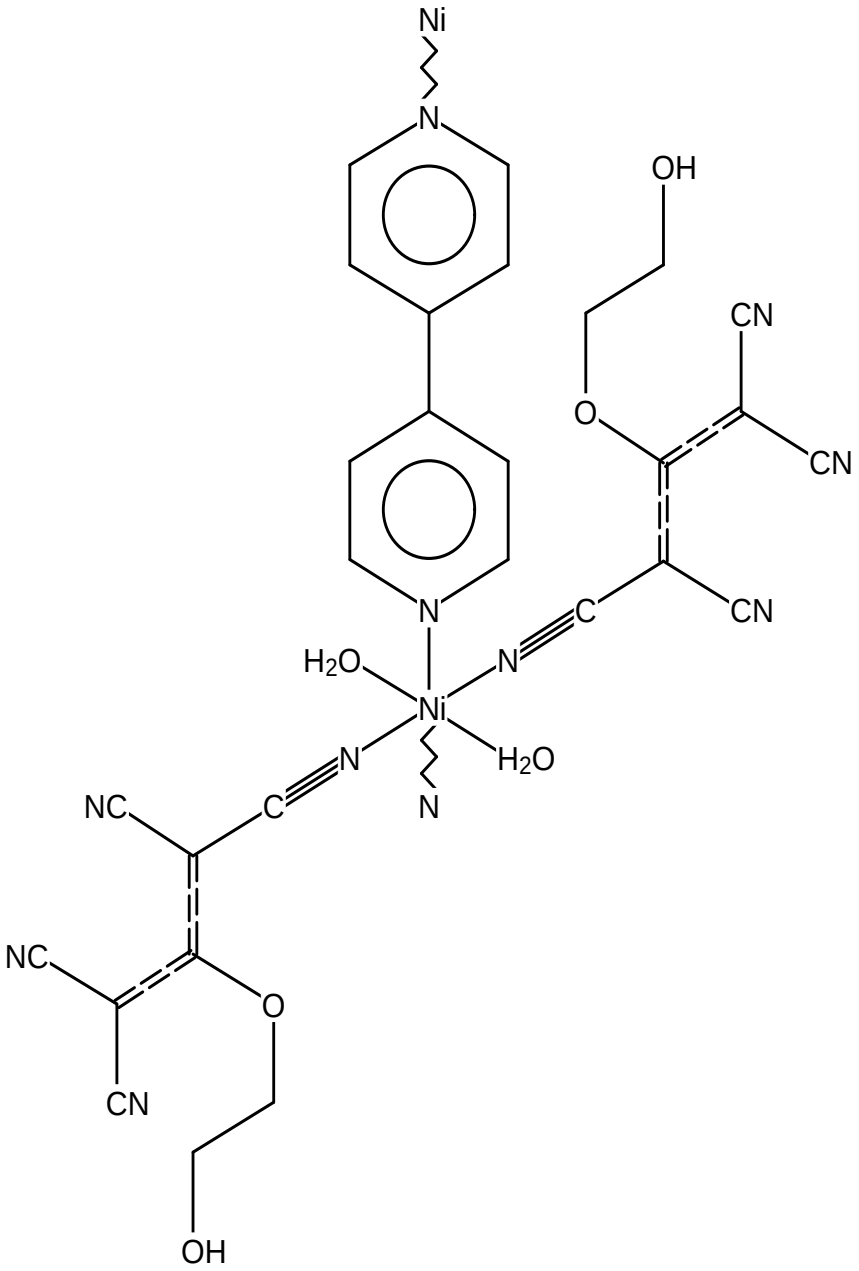
POLJIK

Reference: S.Benmansour, F.Setifi, C.J.Gomez-Garcia, S.Triki, E.Coronado (2008) *Inorg.Chim.Acta* ,**361,**3856

Formula: $(C_{28}\ H_{22}\ N_{10}\ Ni_1\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(2-(dicyanomethylidene)-5-hydroxy-3-oxapentyl-1,1-dicarbonitrile)-diaqua-nickel(ii))

Space Group:	P-1	***Cell:***	***a*** 7.509(2)	***b*** 9.664(2)	***c*** 11.084(2)
Space Group No.:	2	***(Å,°)***	α 107.77(2)	β 106.42(2)	γ 98.25(2)
R-Factor (%):	8.09	***Temperature(K):***	170	***Density(g/cm^3):***	1.525



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1864

POMHEF

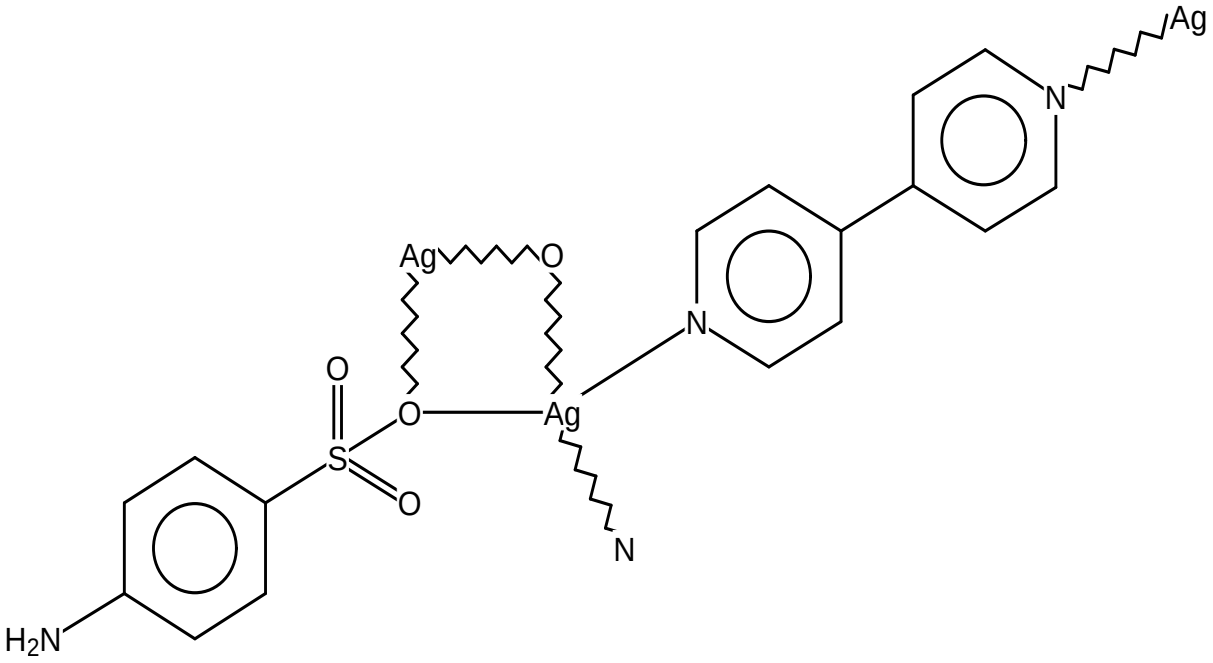
Reference: Guang-Chuan Ou, Min Zhang, Xian-You Yuan, Yong-Qiang Dai (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**64,** m1587

Formula: $(C_{16}\ H_{14}\ Ag_1\ N_3\ O_3\ S_1)n$

Compound Name: catena-($(\mu_2$-4-Aminobenzenesulfonato-κ^2O:O)-(μ_2-4,4'-bipyridine-κ^2N:N')-silver(i))

Space Group:	P21/n	***Cell:***	***a***	9.210(1)	***b*** 15.774(3)	***c***	11.433(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.00(0)	γ	90.00

R-Factor (%): 3.19 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.834



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1865

POPHOS

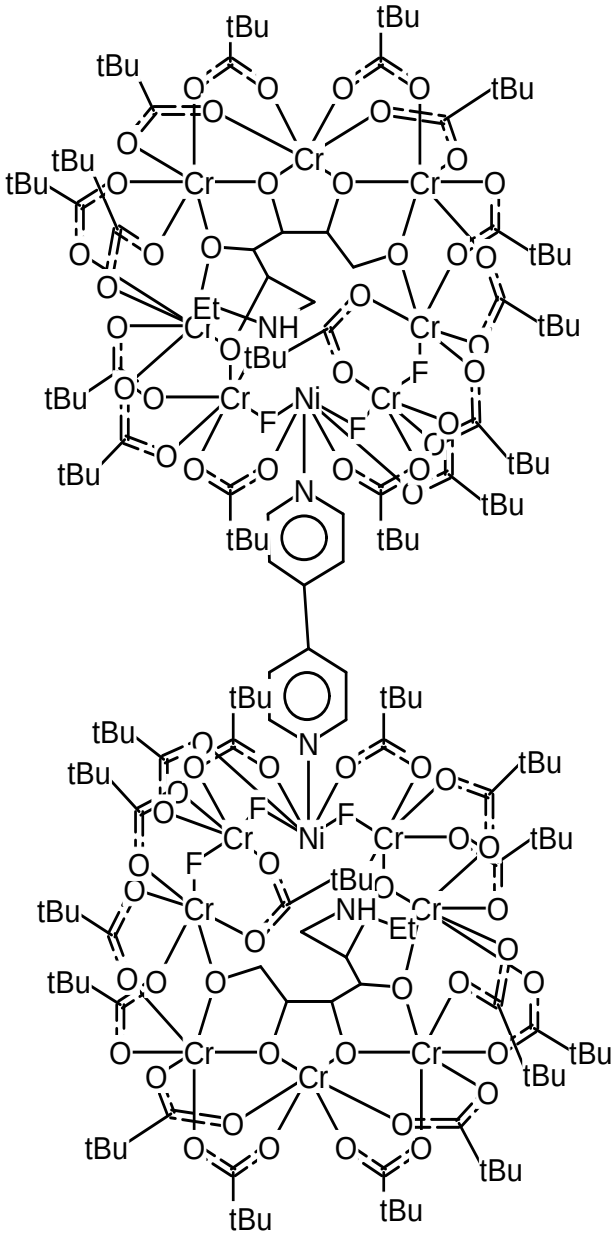
Reference: G.A.Timco, E.J.L.McInnes, R.G.Pritchard, F.Tuna, R.E.P.Winpenny (2008) *Angew.Chem.,Int.Ed.* ,**47,**9681

Formula: $C_{176}\ H_{306}\ Cr_{14}\ F_6\ N_4\ Ni_2\ O_{70}$,$C_3\ H_6\ O_1$,$H_2\ O_1$

Compound Name: bis(μ_6-N-Ethyl-D-glucaminato)-hexakis(μ_2-fluoro)-triacontakis(μ_2-pivalato)-(μ_2-4,4'-bipyridyl)-tetradeca-chromium(iii)-di-nickel(ii) acetone solvate monohydrate

Space Group:	C2	***Cell:***	***a***	54.757(0)	***b*** 16.965(0)	***c***	35.831(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β 125.63(0)	γ	90.00

R-Factor (%): 8.71 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.138



$H_3C—COMe$

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1866

POPKAH

Reference: Xin Yang, Jiang Li, Yawei Hou, Shenyi Shi, Yongkui Shan (2009) *J.Chem.Cryst.* ,**39,**117

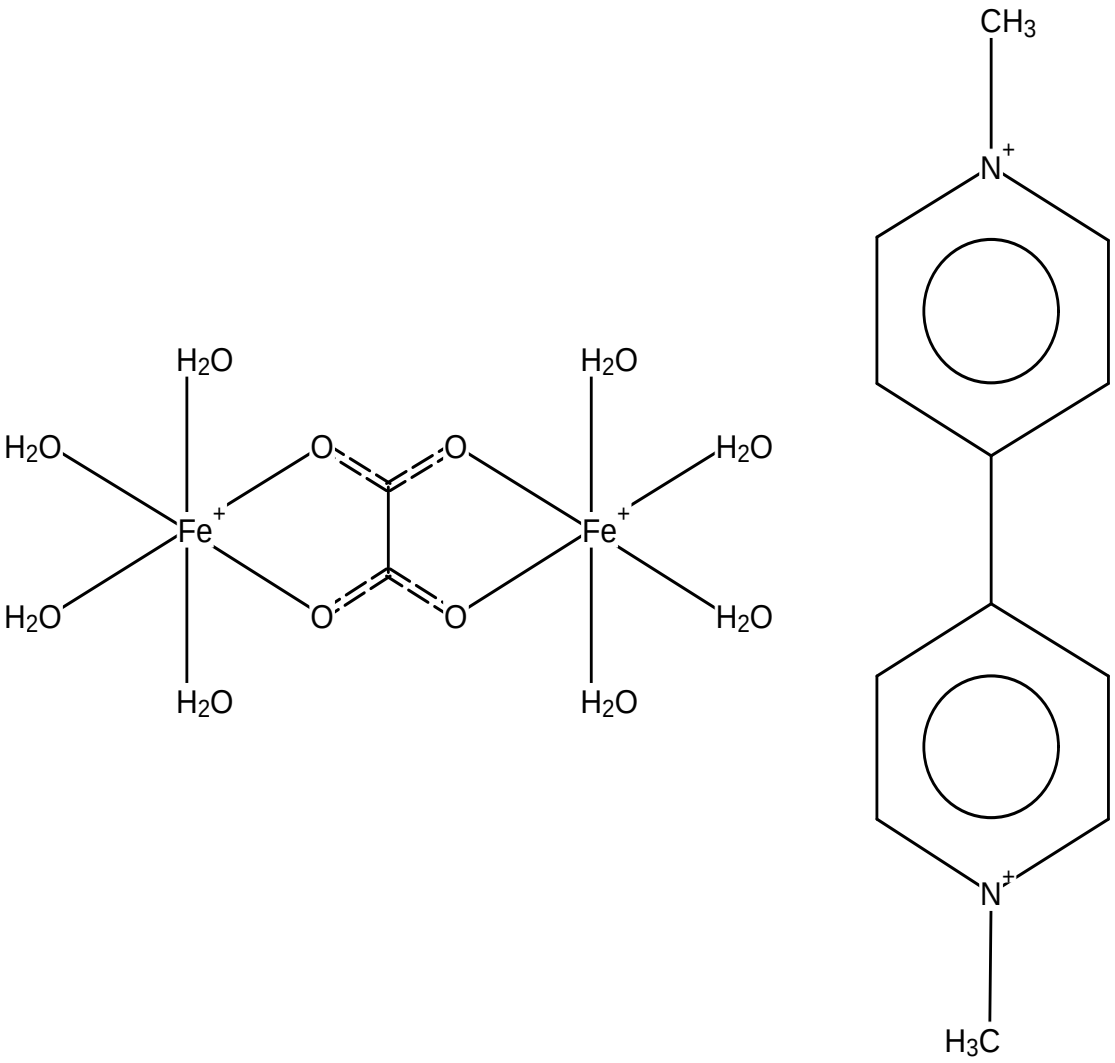
Formula: $C_2 H_{16} Fe_2 O_{12}^{2+}, C_{12} H_{14} N_2^{2+}, 2(O_4 S_1^{2-})$

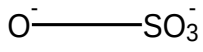
Compound Name: Methylviologen (μ_2-oxalato)-octaaqua-di-iron(ii) disulfate

Synonym: 1,1'-Dimethyl-4,4'-bipyridinium (μ_2-oxalato)-octaaqua-di-iron(ii) disulfate

Space Group:	P21/n	***Cell:***	***a***	8.041(1)	***b*** 17.272(4)	***c***	9.806(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.25(3)	γ	90.00

R-Factor (%): 3.44 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.834





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1867

POQWAU

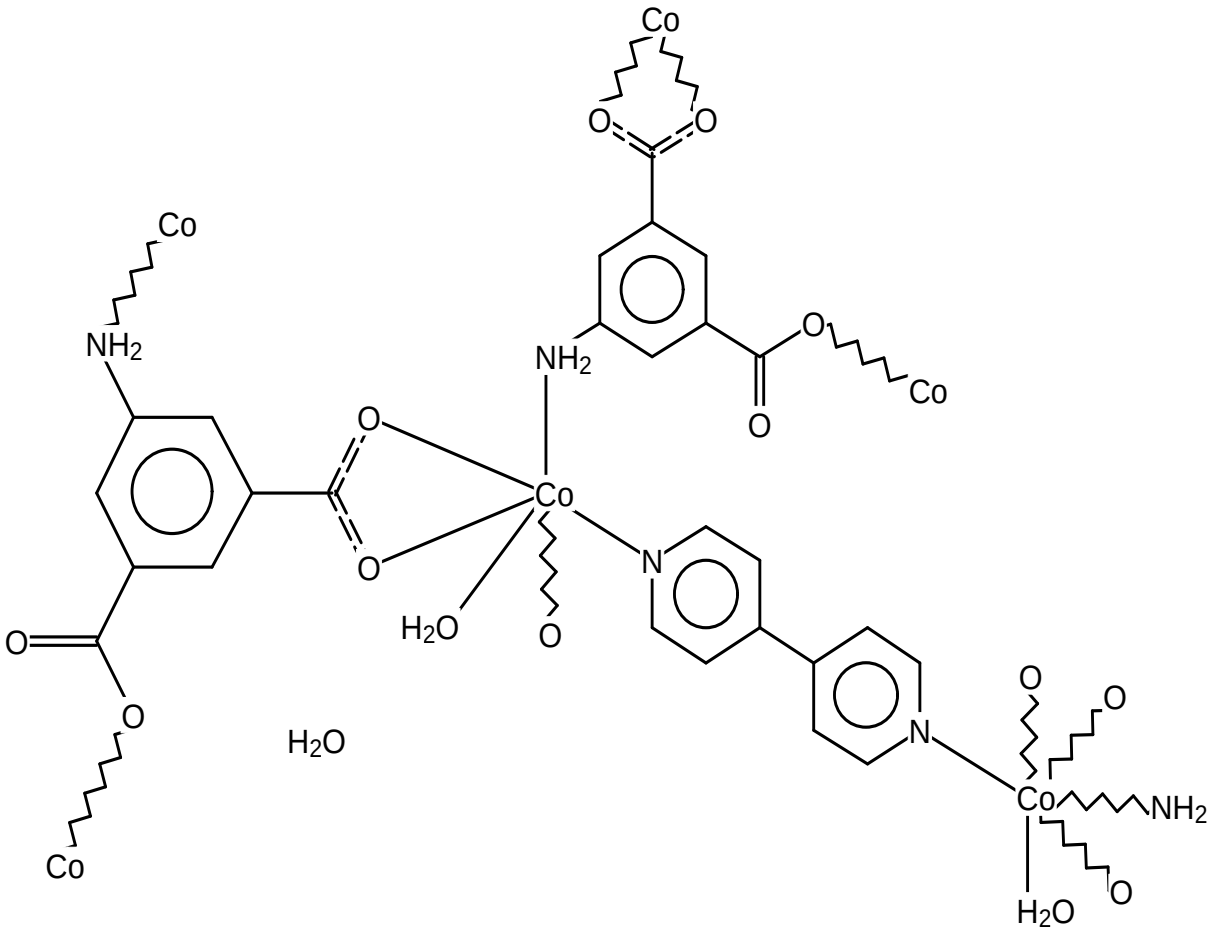
Reference: Yunxia Hu, Wenwei Zhang, Xiaofei Zhang, Zhilin Wang, Yizhi Li, Junfeng Bai (2009) *Inorg.Chem.Commun. ,***12,**166

Formula: $(C_{26}\ H_{22}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminobenzene-1,3-dicarboxylato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.564(2)	***b*** 7.667(1)	***c***	15.898(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.60(0)	γ	90.00

R-Factor (%): 6.03 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.676



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1868

POQWAU01

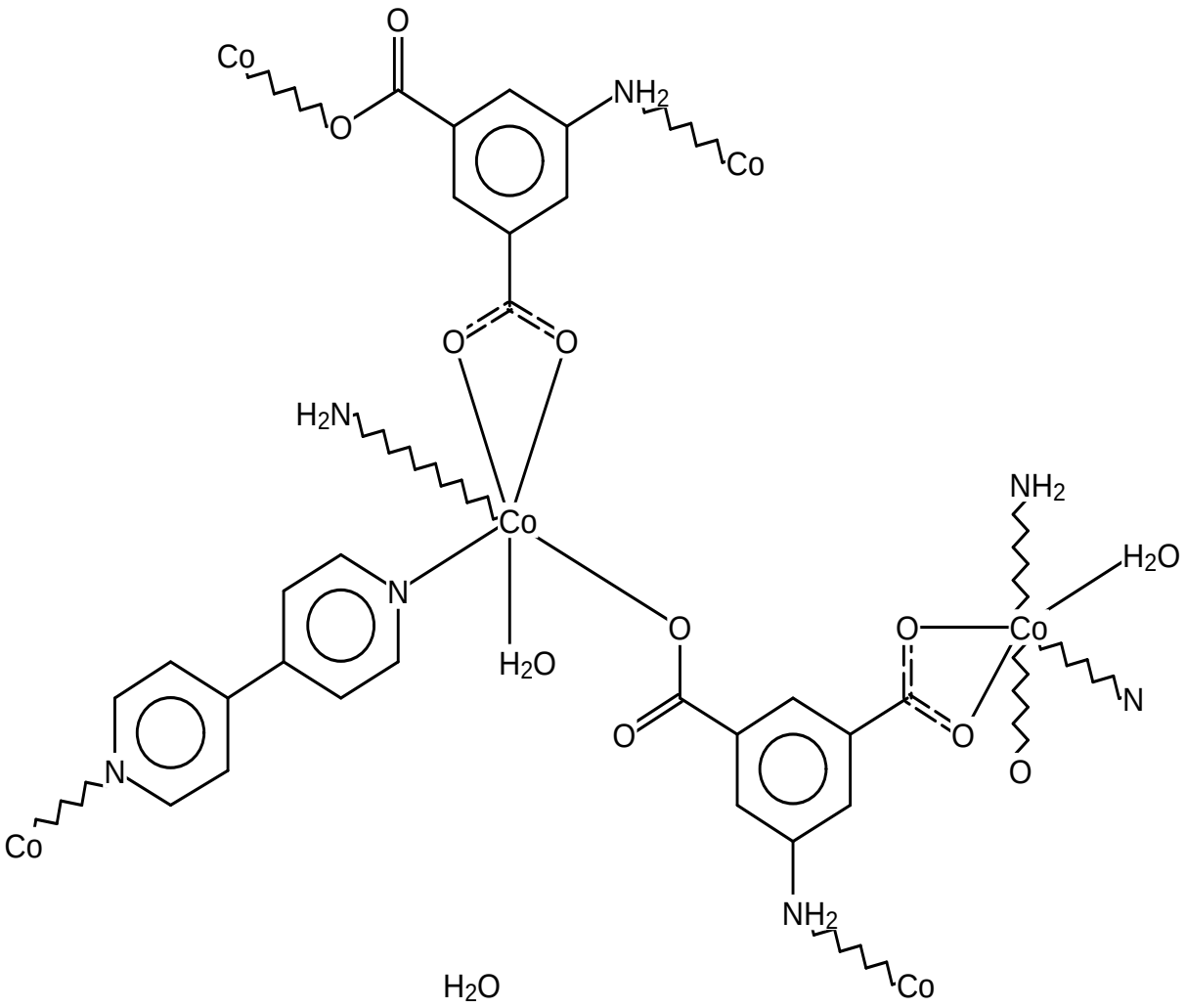
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{22}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.592(1)	***b*** 7.686(0)	***c***	15.915(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.53(0)	γ	90.00

R-Factor (%): 5.73 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.665



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1869

POQWAU02

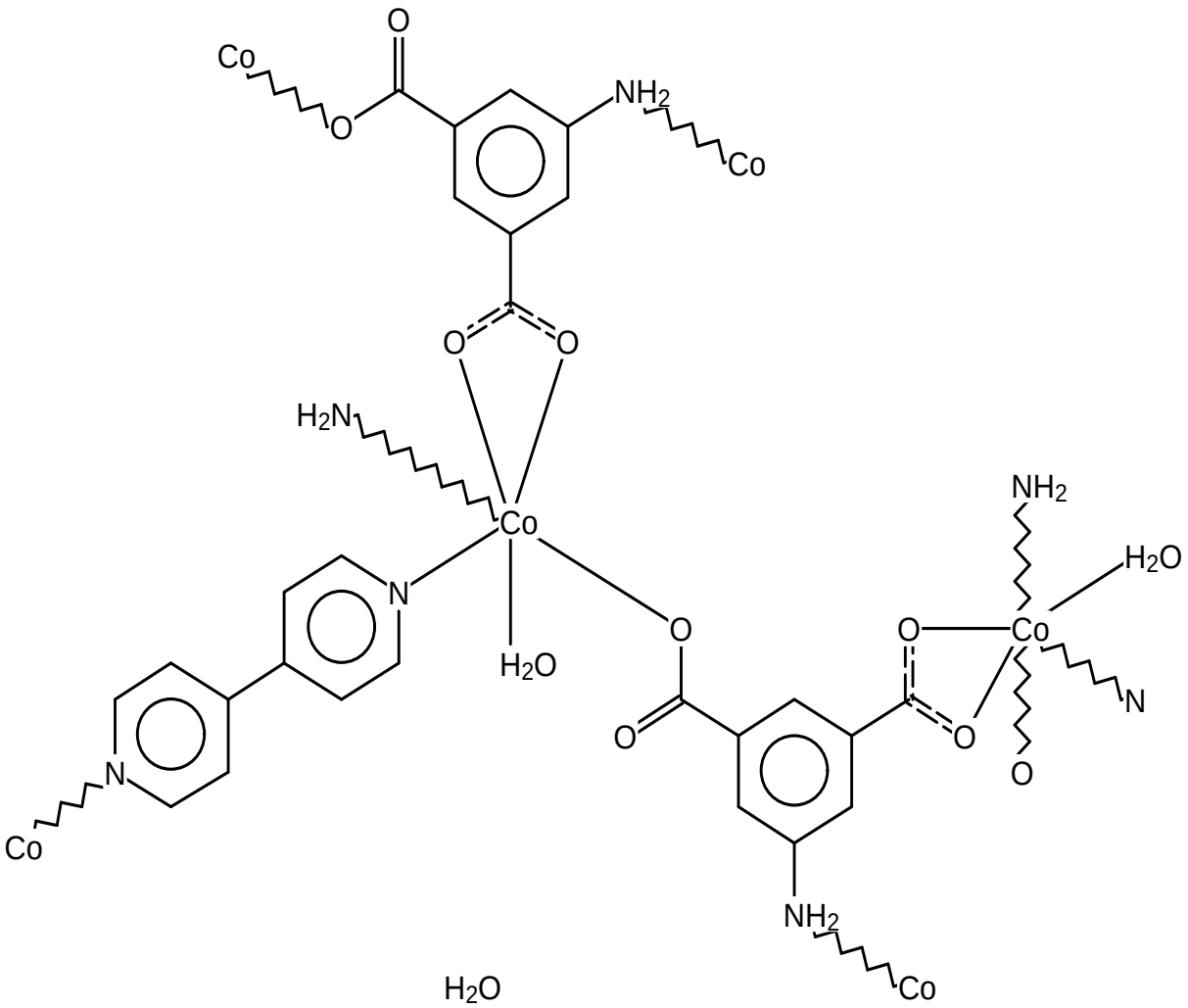
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{22}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.642(5)	***b*** 7.777(3)	***c***	16.043(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.18(0)	γ	90.00

R-Factor (%): 10.51 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.623



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1870

POQWAU03

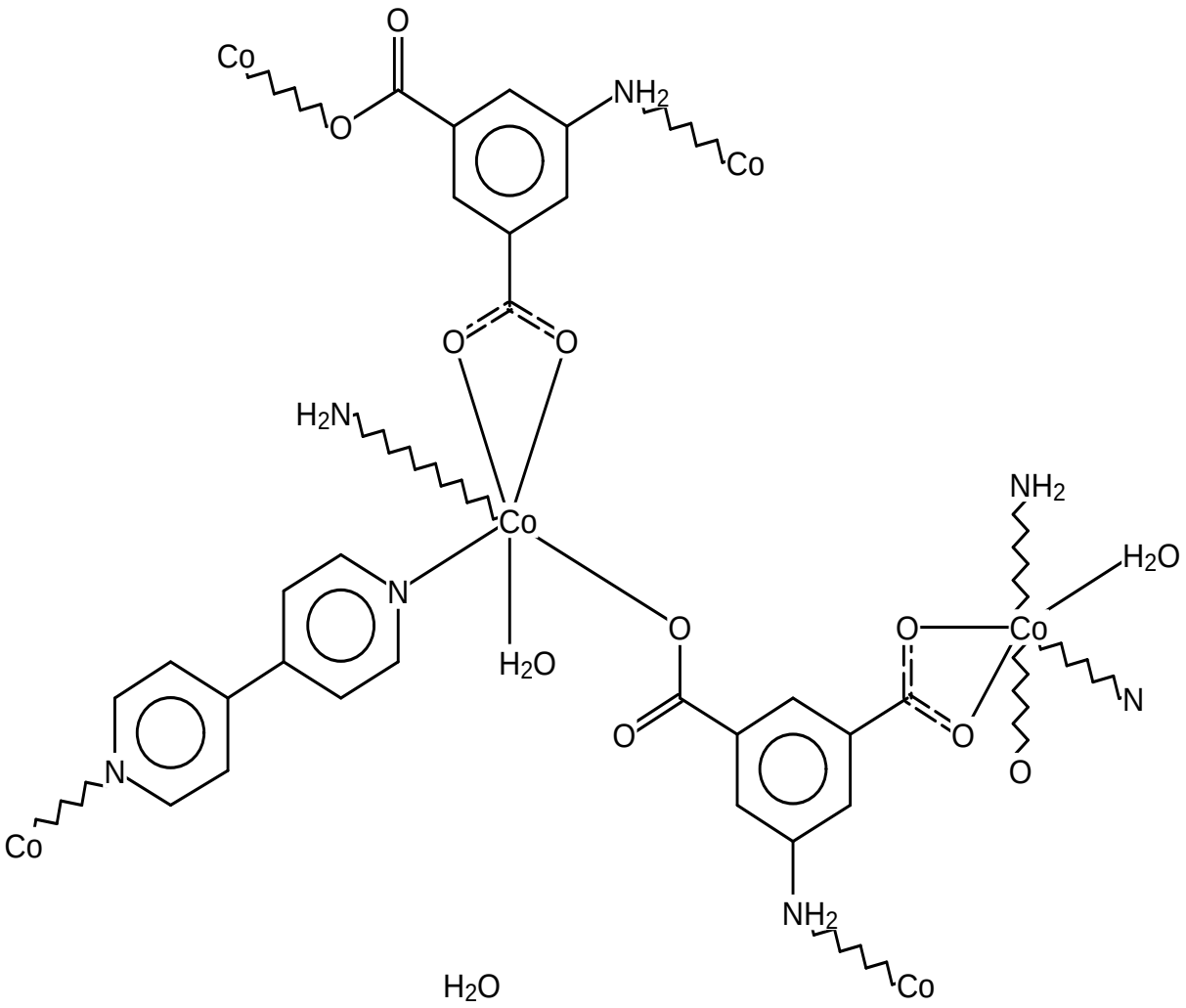
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{22}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.646(3)	***b*** 7.655(1)	***c***	15.904(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.78(0)	γ	90.00

R-Factor (%): 5.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.668



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1871

POQWAU04

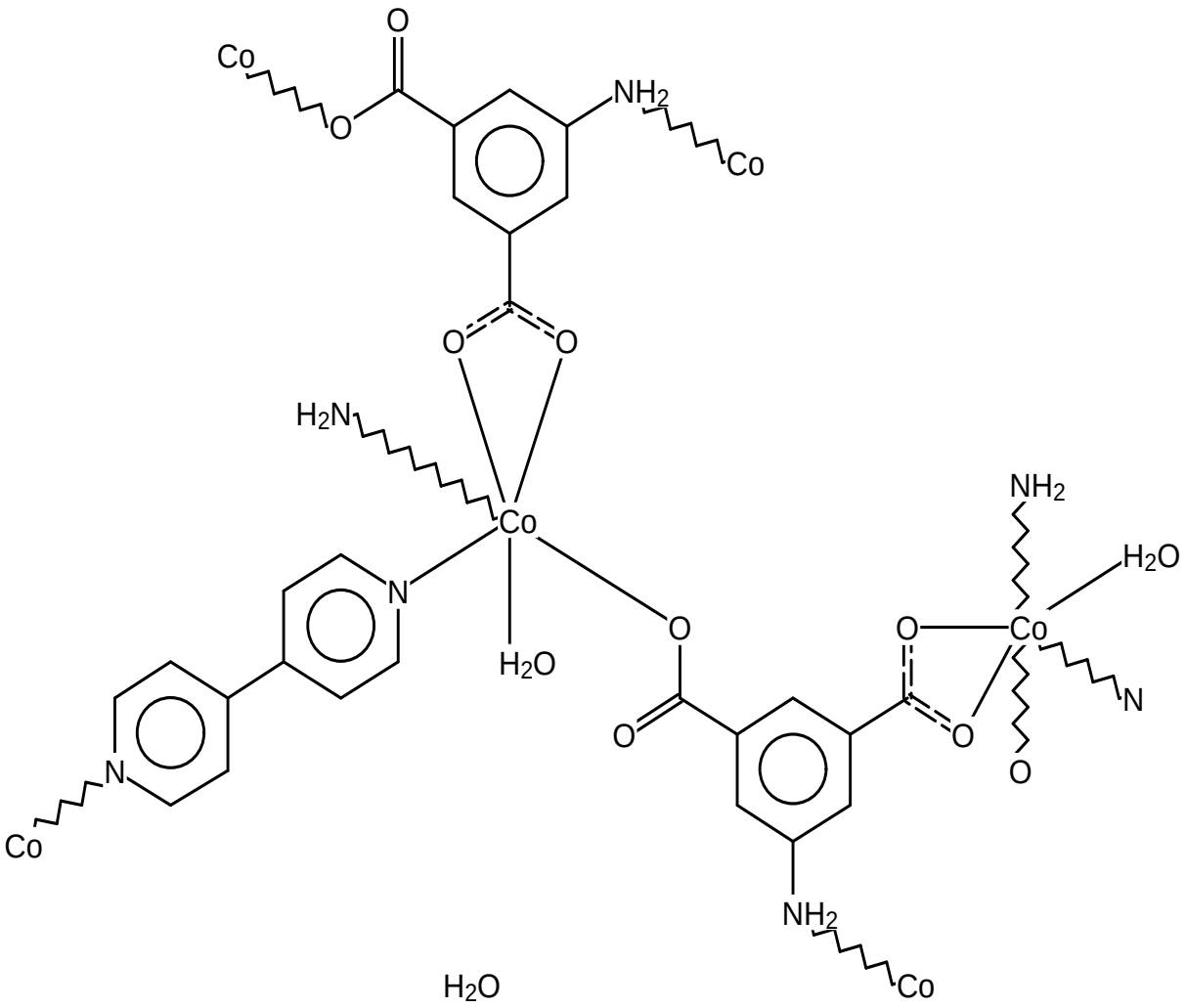
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{22}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.578(5)	***b*** 7.683(3)	***c***	15.897(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.48(0)	γ	90.00

R-Factor (%): 6.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.669



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1872

POQWAU05

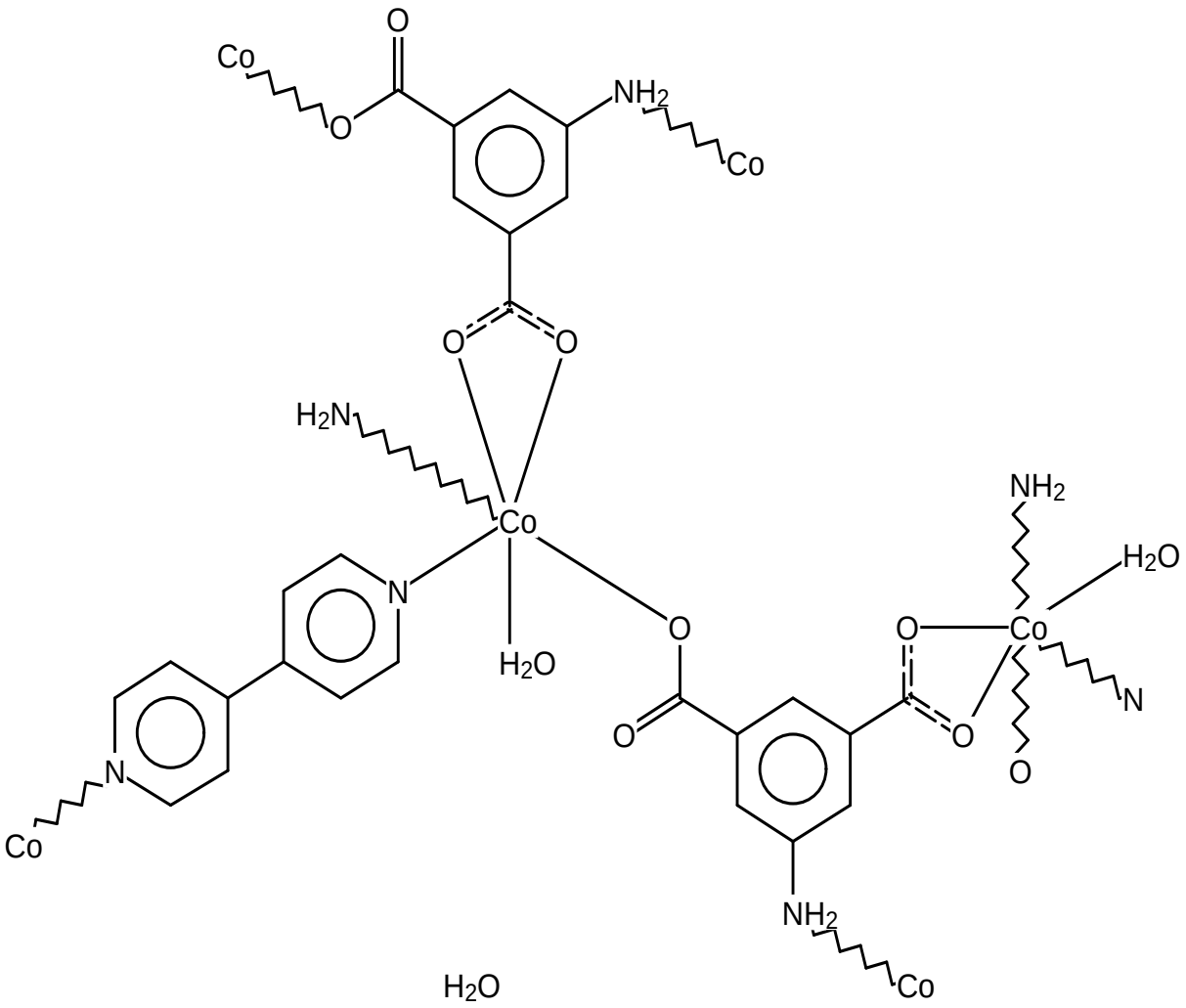
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{22}\ Co_2\ N_4\ O_{10})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	12.562(1)	***b*** 7.675(1)	***c***	15.897(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.48(0)	γ	90.00

R-Factor (%): 6.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.673



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1873

POQWEY

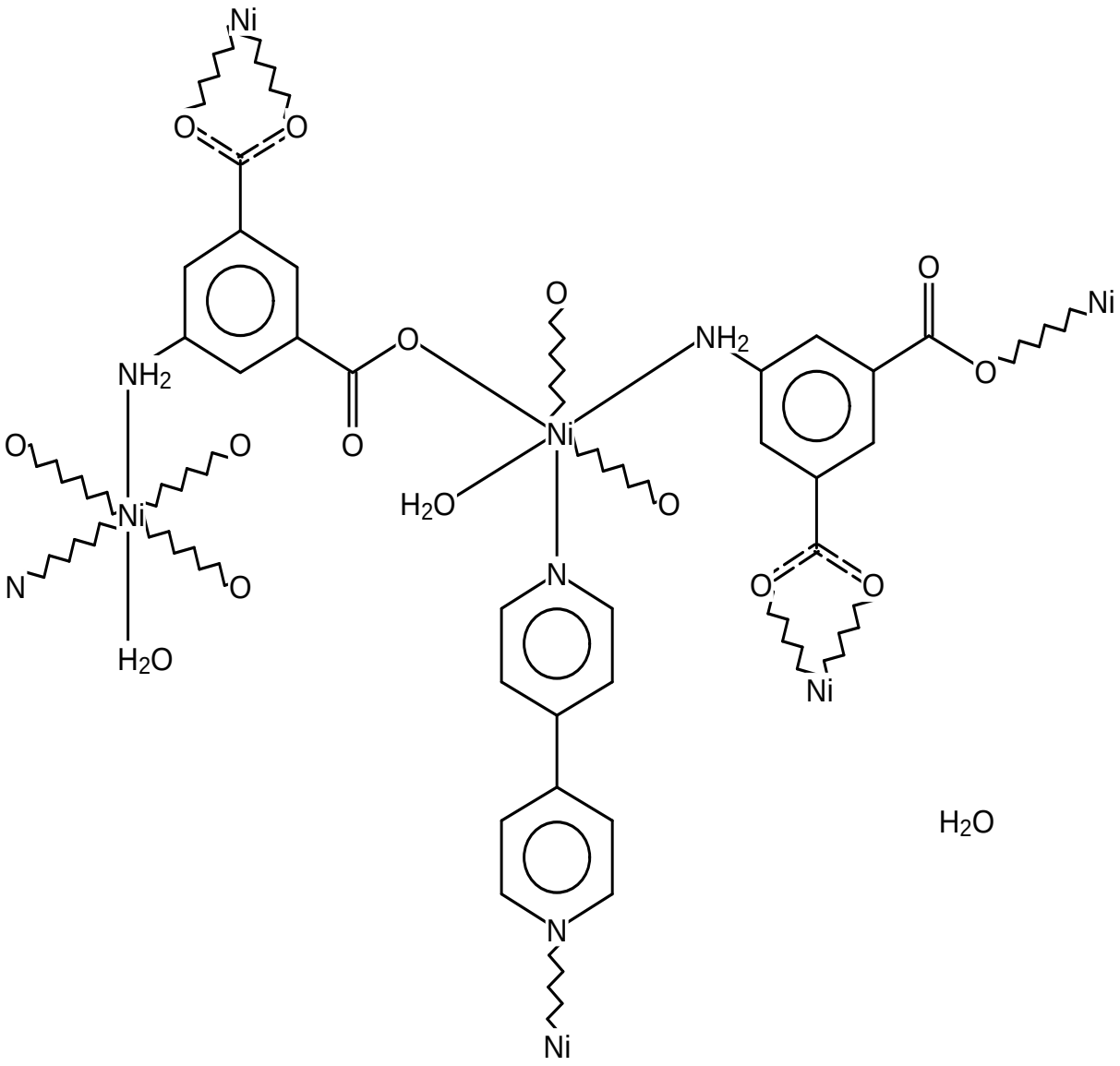
Reference: Yunxia Hu, Wenwei Zhang, Xiaofei Zhang, Zhilin Wang, Yizhi Li, Junfeng Bai (2009) *Inorg.Chem.Commun. ,***12,**166

Formula: $(C_{26}\ H_{22}\ N_4\ Ni_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminobenzene-1,3-dicarboxylato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-diaqua-di-nickel(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.481(1)	***b*** 7.683(0)	***c***	15.688(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.50(0)	γ	90.00

R-Factor (%): 5.83 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.613



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1874

POQXAV

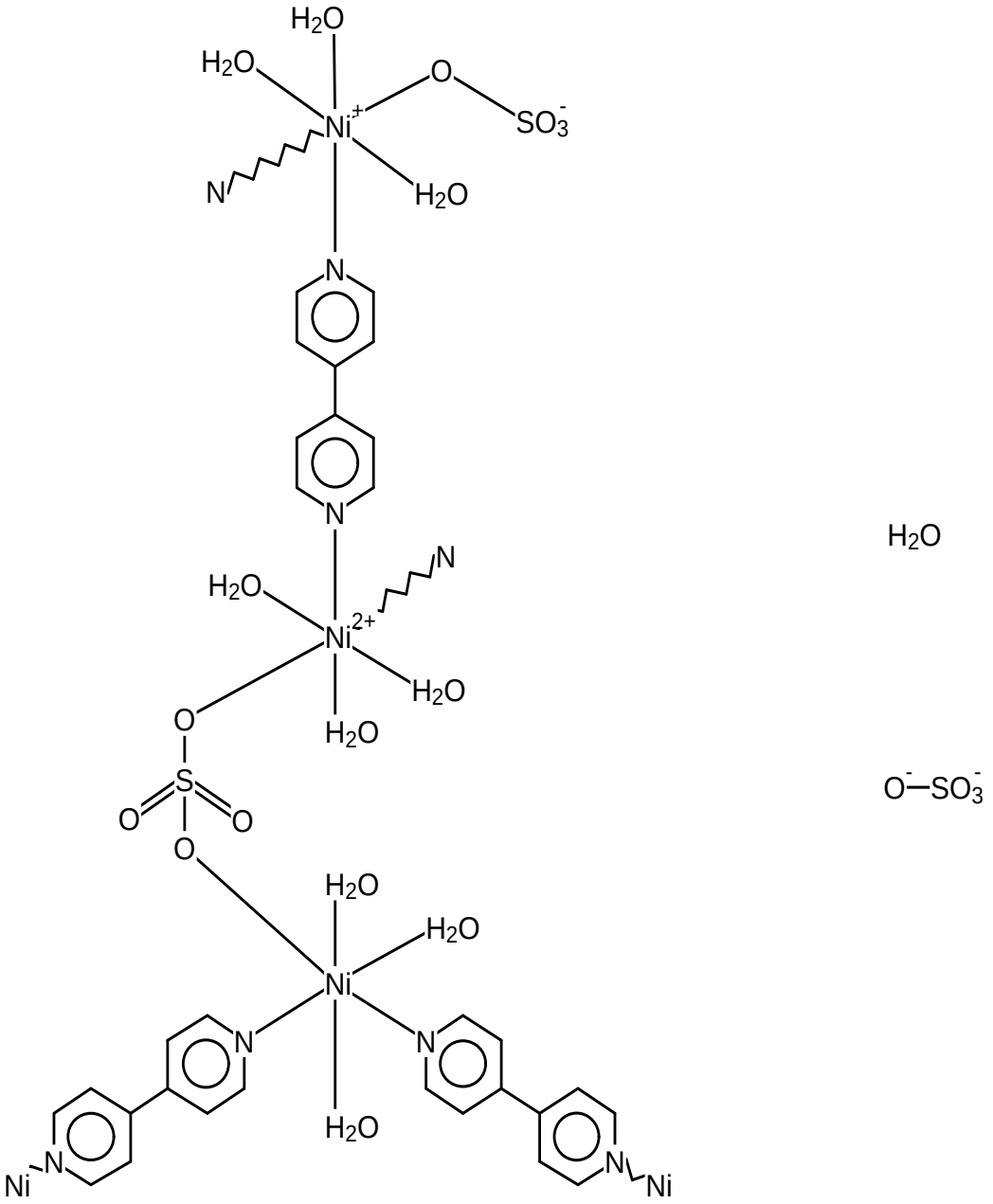
Reference: Yafeng Li, Jian Lu, Rong Cao (2009)
Inorg.Chem.Commun. ,**12,**181

Formula: $(C_{30}\ H_{42}\ N_6\ Ni_3\ O_{17}\ S_2\ ^{2+})n,n(O_4\ S_1\ ^{2-}),6n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-(μ_2-sulfato-O,O')-nona-aqua-(sulfato-O)-tri-nickel disulfate hexahydrate)

Space Group:	Pna21	***Cell:***	***a***	7.411(0)	***b***	20.065(0)	***c*** 31.188(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.723



Search: search1 (Thu May 26 10:05:42 2011): Hit 1875

POQXEZ

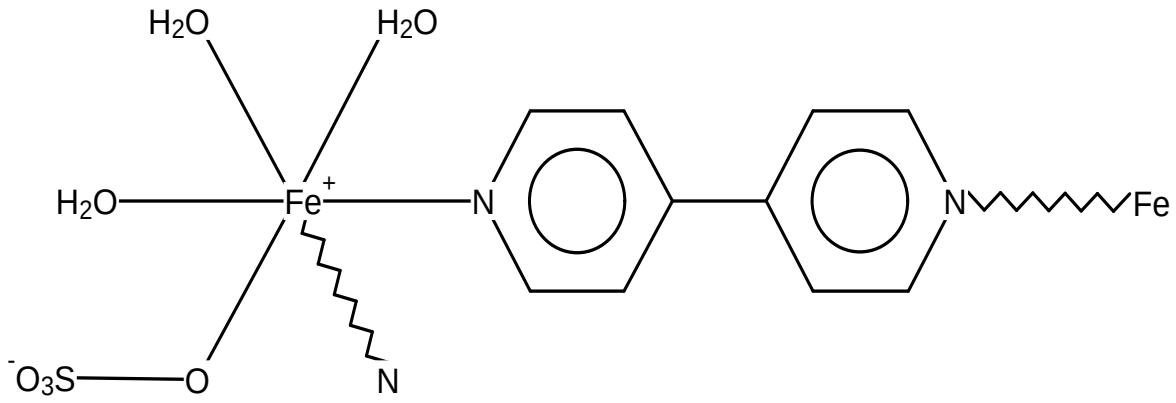
Reference: Yafeng Li, Jian Lu, Rong Cao (2009)
*Inorg.Chem.Commun. ,***12,**181

Formula: $(C_{10}\ H_{14}\ Fe_1\ N_2\ O_7\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-triaqua-(sulfato-O)-iron dihydrate)

Space Group:	P61	***Cell:***	***a***	11.517(0)	***b***	11.517(0)	***c*** 20.835(0)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.658



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1876

POQXUO

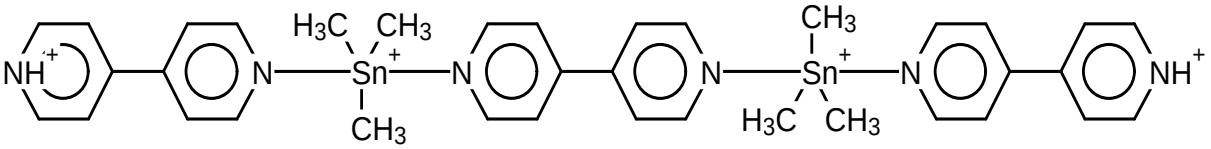
Reference: A.Wirth, I.Lange, D.Henschel, O.Moers, A.Blaschette, P.G.Jones (1998) *Z.Anorg.Allg.Chem. ,***624,**1308

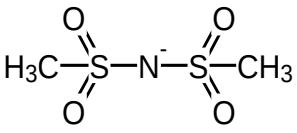
Formula: $C_{36}\ H_{44}\ N_6\ Sn_2\ ^{4+}$,4($C_2\ H_6\ N_1\ O_4\ S_2\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis((4,4'-bipyridinium)-trimethyl-tin(iv)) tetrakis(dimesylamide)

Space Group:	C2/c	***Cell:***	***a***	31.174(9)	***b*** 11.277(4)	***c***	18.545(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 113.67(3)	γ	90.00

R-Factor (%): 8.18 ***Temperature(K):*** 143 ***Density(g/cm^3):*** 1.654





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1877

PORVUO

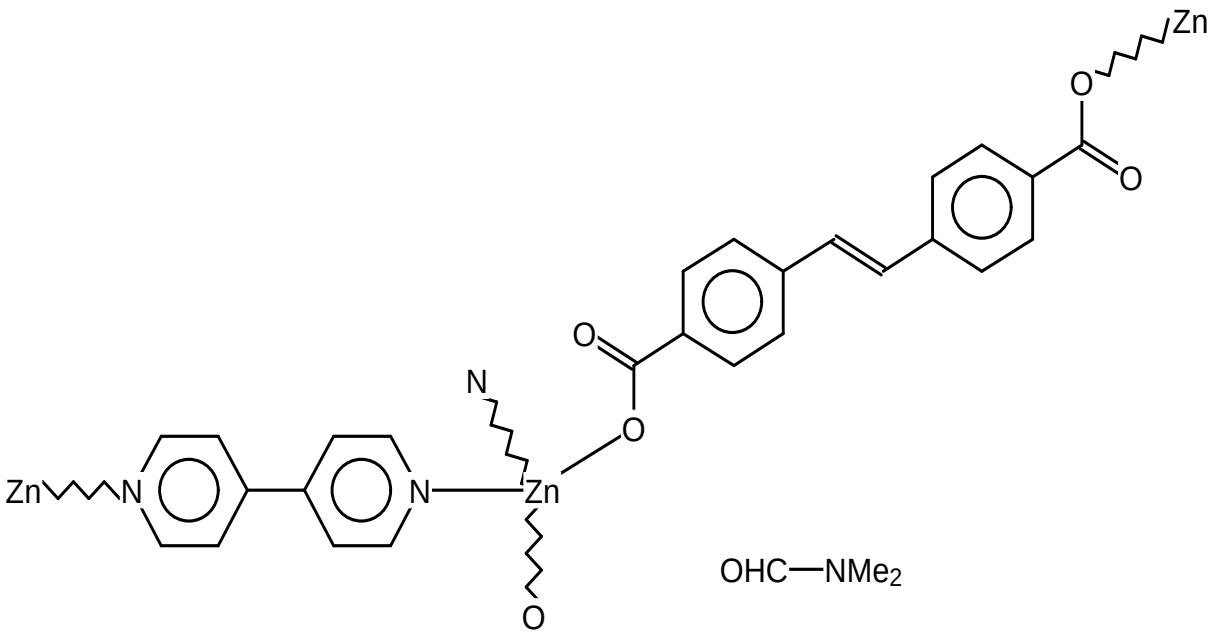
Reference: Kun-Lin Huang, Xi Liu, Guo-Ming Liang (2009)
Inorg.Chim.Acta ,**362,**1565

Formula: $(C_{26}\ H_{18}\ N_2\ O_4\ Zn_1)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-trans-stilbene-4,4'-dicarboxylato)-zinc(ii) N,N-dimethylformamide solvate)

Space Group:	C2/c	***Cell:***	***a***	28.738(3)	***b*** 6.223(0)	***c***	17.505(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.52(0)	γ	90.00

R-Factor (%): 9.91 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.378



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1878

POTRUL

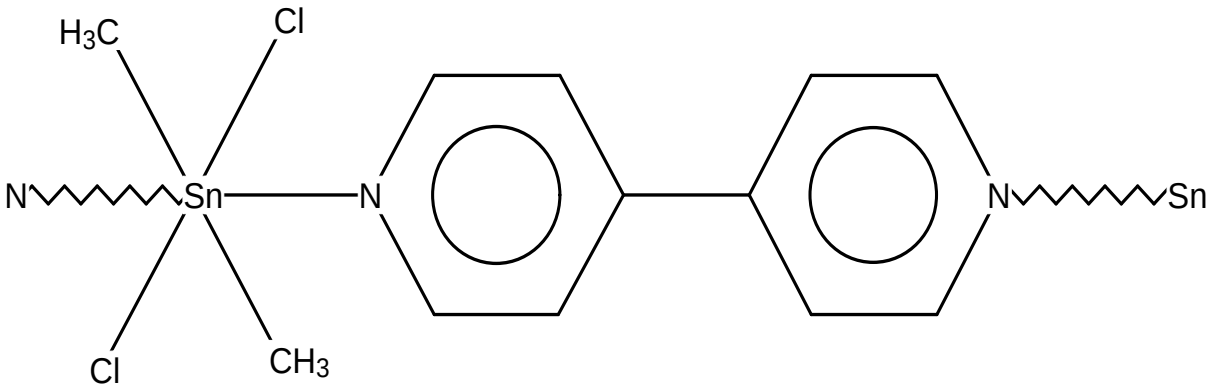
Reference: Seik Weng Ng (1998)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**54,**1393

Formula: $(C_{12}\ H_{14}\ Cl_2\ N_2\ Sn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-dichloro-dimethyl-tin)

Space Group:	P21/c	***Cell:***	***a***	6.548(0)	***b***	9.905(0)	***c***	10.839(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.79(0)	γ	90.00

R-Factor (%): 2.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.785



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1879

POWFOX

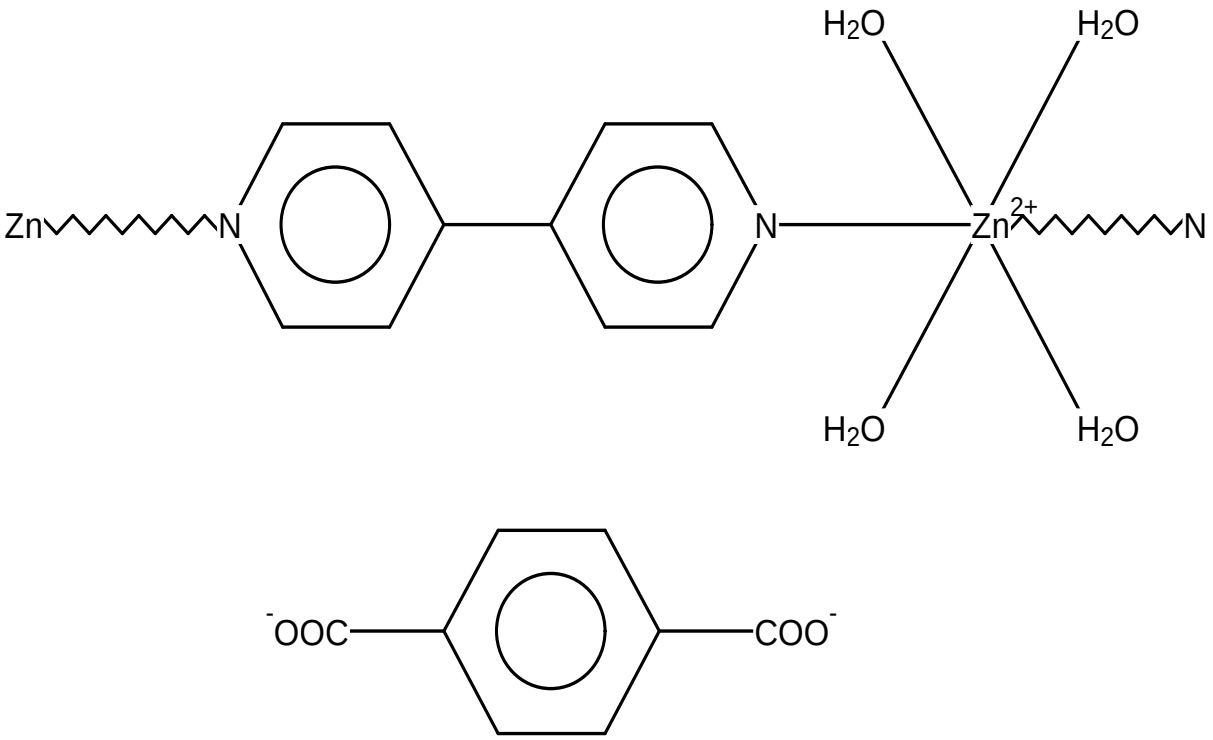
Reference: Ming-Bo Ruan, Jian-Cheng Deng, Zhi-Gang Li, Jing-Wei Xu (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**65,** m743

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetraaqua-zinc(ii) benzene-1,4-dicarboxylate)

Space Group:	P2/n	***Cell:***	***a***	6.986(1)	***b*** 11.344(1)	***c***	11.322(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.21(0)	γ	90.00

R-Factor (%): 4.23 ***Temperature(K):*** 186 ***Density(g/cm^3):*** 1.727



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1880

POWGEN

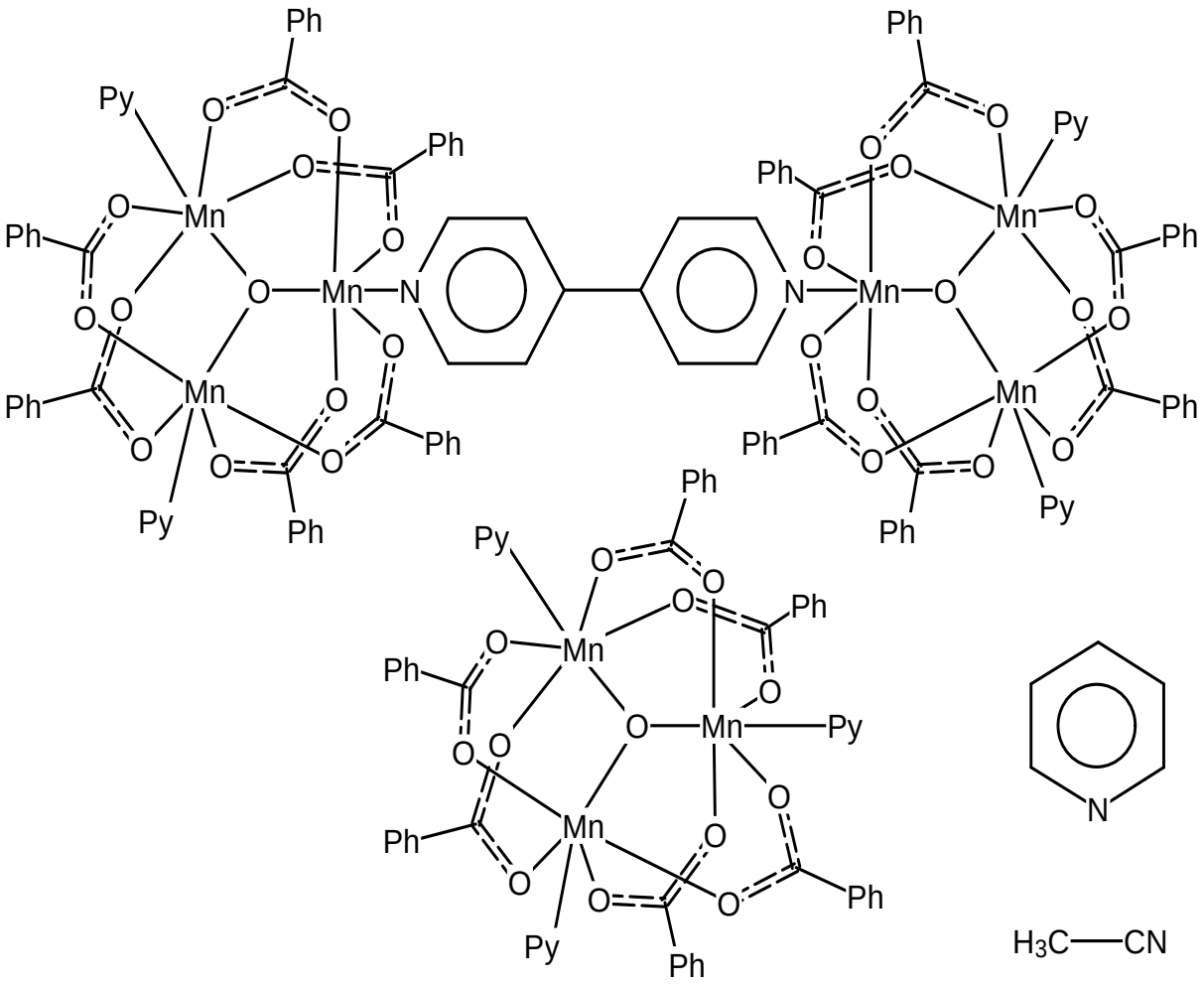
Reference: H.J.Eppley, N.de Vries, S.Wang, S.M.Aubin, H.-L.Tsai, K.Folting, D.N.Hendrickson, G.Christou (1997) *Inorg.Chim.Acta* ,**263,** 323

Formula: $C_{114}\ H_{88}\ Mn_6\ N_6\ O_{26}$,2($C_{57}\ H_{45}\ Mn_3\ N_3\ O_{13}$),$C_5\ H_5\ N_1$,14($C_2\ H_3\ N_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((μ_3-oxo)-hexakis(μ_2-benzoato)-di-pyridyl-tri-manganese) bis((μ_3-oxo)-hexakis(μ_2-benzoato)-tri-pyridyl-tri-manganese) pyridine acetonitrile solvate

Space Group:	Fddd	***Cell:***	***a***	40.278(8)	***b***	68.088(14)	***c*** 18.353(3)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 9.63 ***Temperature(K):*** 103 ***Density(g/cm^3):*** 1.381



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1881

POWGIR

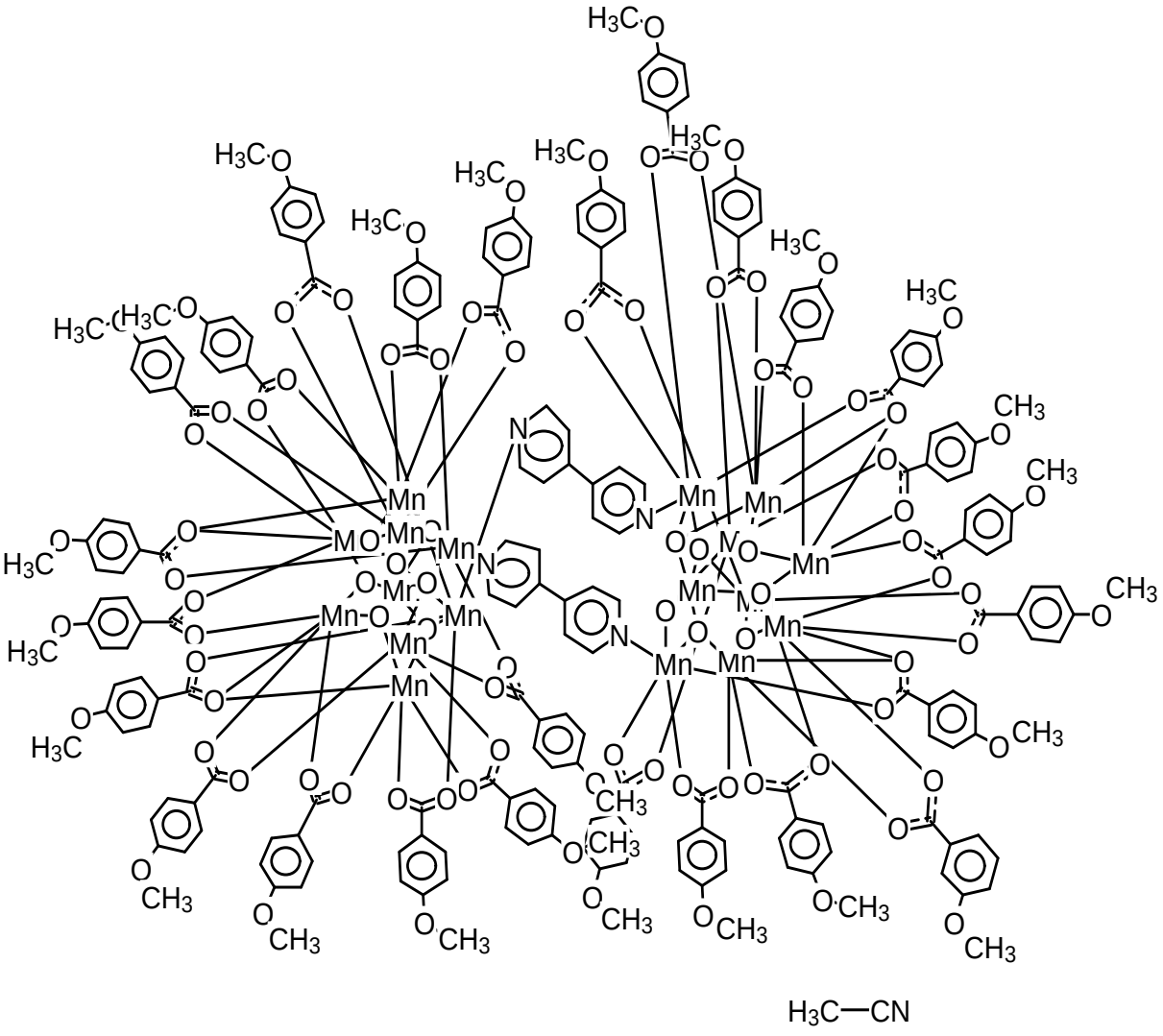
Reference: H.J.Eppley, N.de Vries, S.Wang, S.M.Aubin, H.-L.Tsai, K.Folting, D.N.Hendrickson, G.Christou (1997) *Inorg.Chim.Acta* ,**263,** 323

Formula: $C_{228}\ H_{198}\ Mn_{18}\ N_4\ O_{92}$,20($C_2\ H_3\ N_1$)

Compound Name: bis((heptakis(μ_3-Oxo)-bis(μ_3-p-methoxybenzoato)-undecakis(μ_2-p-methoxybenzoato)-(μ_2-4,4'-bipyridyl)-nona-manganese)) acetonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	49.370(9)	***b*** 15.991(3)	***c***	46.859(9)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.04(1)	γ	90.00

R-Factor (%): 11.76 ***Temperature(K):*** 101 ***Density(g/cm3):*** 1.376



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1882

POWJER

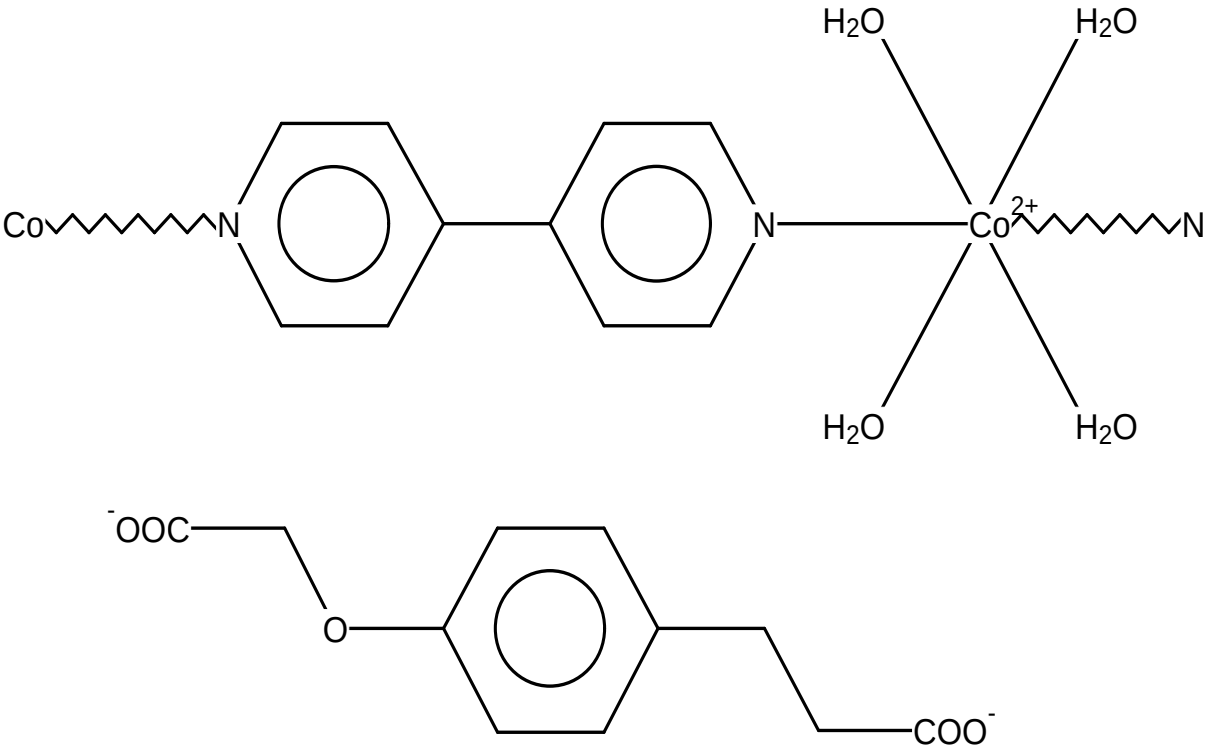
Reference: Xi-Fang Wang, Chong-Bo Liu, De-He Huang, Zhi-Qiang Xiong (2009) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**65,** m764

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_{11}\ H_{10}\ O_5\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetraaqua-cobalt(ii) 2-(4-(2-carboxylatoethyl)phenoxy)acetate)

Space Group:	P-1	***Cell:***	***a***	7.131(1)	***b***	7.632(1)	***c*** 10.498(1)
Space Group No.:	2	***(Å,°)***	α	91.93(0)	β	101.83(0)	γ 94.00(0)

R-Factor (%): 3.55 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.518



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1883

POWQEX

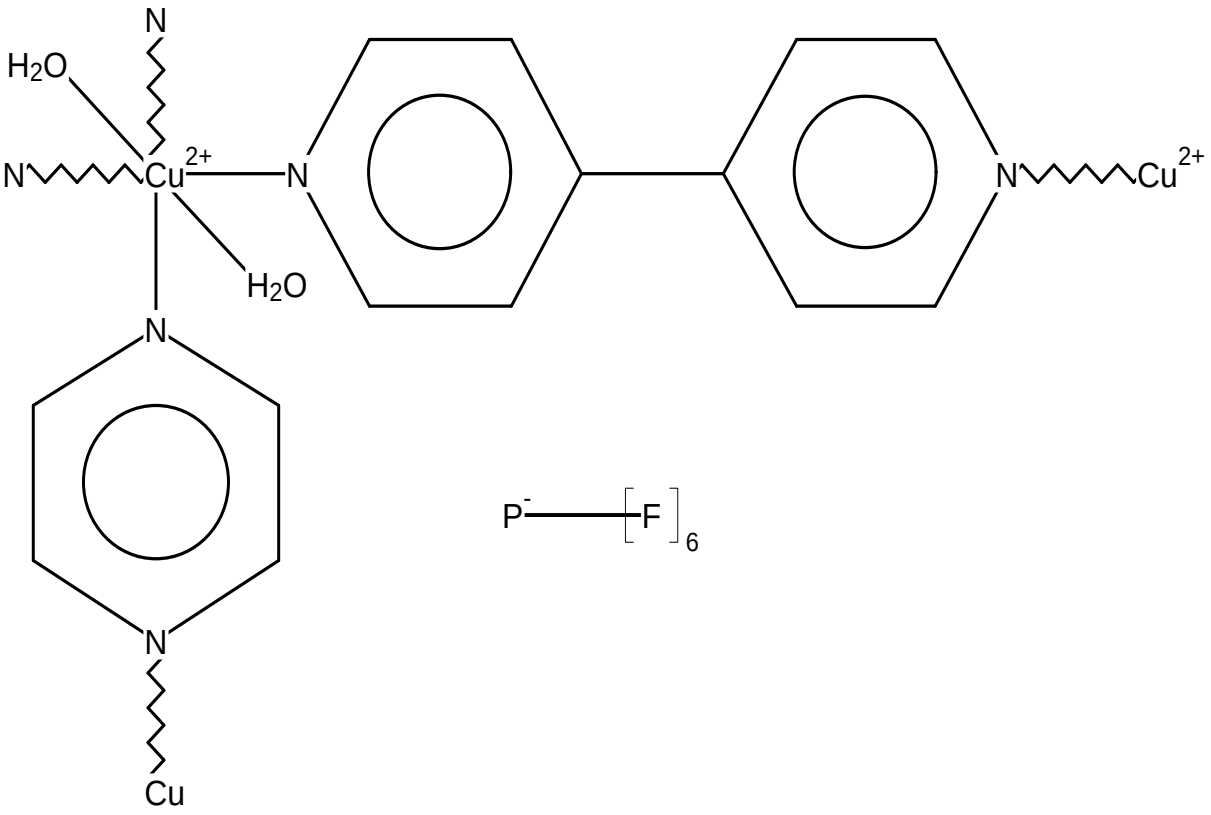
Reference: Ming-Liang Tong, Xiao-Ming Chen, Xiao-Lan Yu, T.C.W.Mak (1998) *J.Chem.Soc.,Dalton Trans.* ,5

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_4\ O_2\ ^{2+})n,2n(F_6\ P_1\ ^{1-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-$(\mu_2$-pyrazine)-diaqua-copper bis(hexafluorophosphate))

Space Group:	Ibam	***Cell:***	***a***	14.756(3)	***b***	11.149(2)	***c***	13.656(3)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.69 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.850



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1884

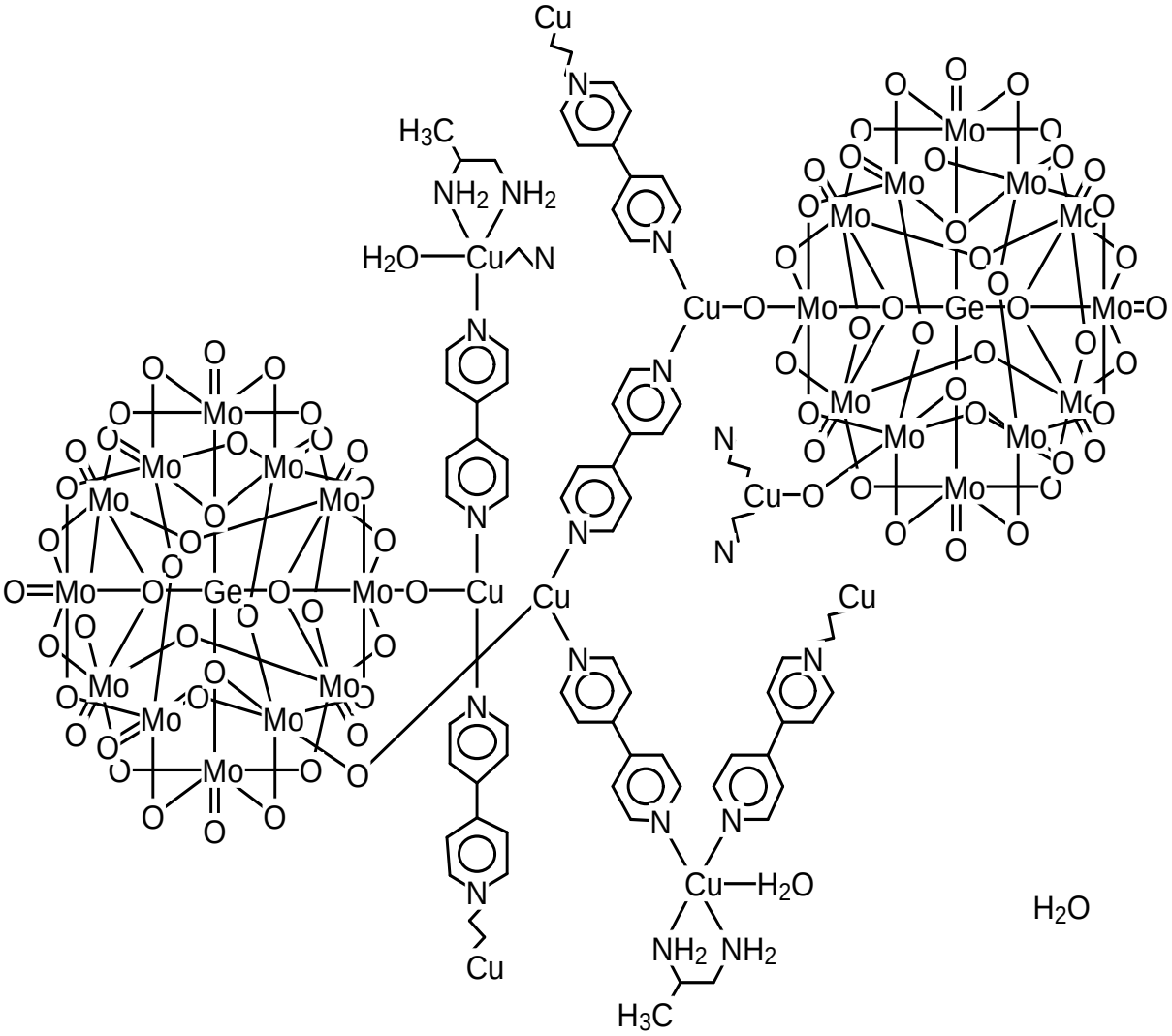
POXLUK

Reference: Wenju Wang, Lin Xu, Guanggang Gao, Xizheng Liu, Li Liu (2009) *Inorg.Chem.Commun.* ,**12,**259

Formula: $(C_{66}\ H_{72}\ Cu_6\ Ge_2\ Mo_{24}\ N_{16}\ O_{82})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_{12}-germanato)-hexakis(μ_2-4,4'-bipyridine)-dopentacontakis(μ_2-oxo)-diaqua-icosaoxo-bis(1,2-propanediamine)-tetra-copper(i)-di-copper(ii)-tetracosa-molybdenum tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	13.204(0)	***b***	23.405(1)	***c***	21.035(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.72(0)	γ	90.00
R-Factor (%):	5.64	***Temperature(K):***	293		***Density(g/cm^3):***		2.728	


Cu
N
H3C
NH2 NH2
H2O—Cu
N
N
Cu—O—Mo—O—Ge—O—Mo=O
O
Mo
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1885

POXTEB

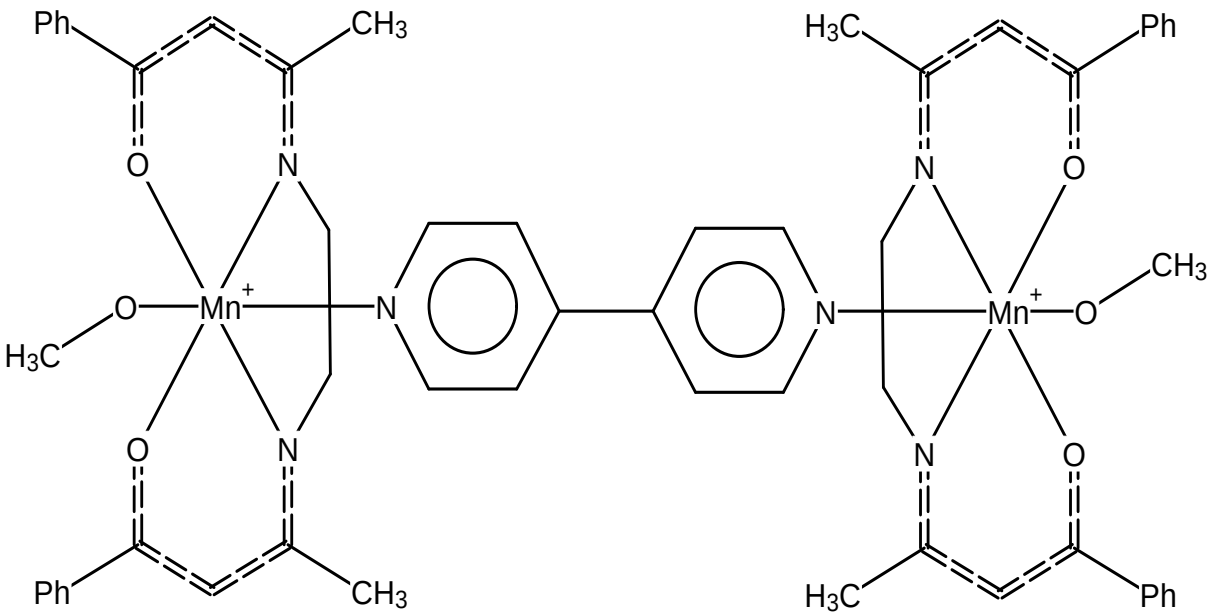
Reference: Shi-Xiong Liu, Yun-Long Feng (1996)
Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition)) , **17,**509

Formula: $C_{56}\ H_{58}\ Mn_2\ N_6\ O_6\ ^{2+},2(Cl_1\ O_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(1,8-dibenzoyl-2,7-dimethyl-3,6-diaza-octa-1,7-diene)-dimethoxy-di-manganese(iii) diperchlorate

Space Group:	P21/n	***Cell:***	***a***	13.082(3)	***b*** 12.713(3)	***c***	18.006(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.91(2)	γ	90.00

R-Factor (%): 5.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.448



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1886

POYPUP

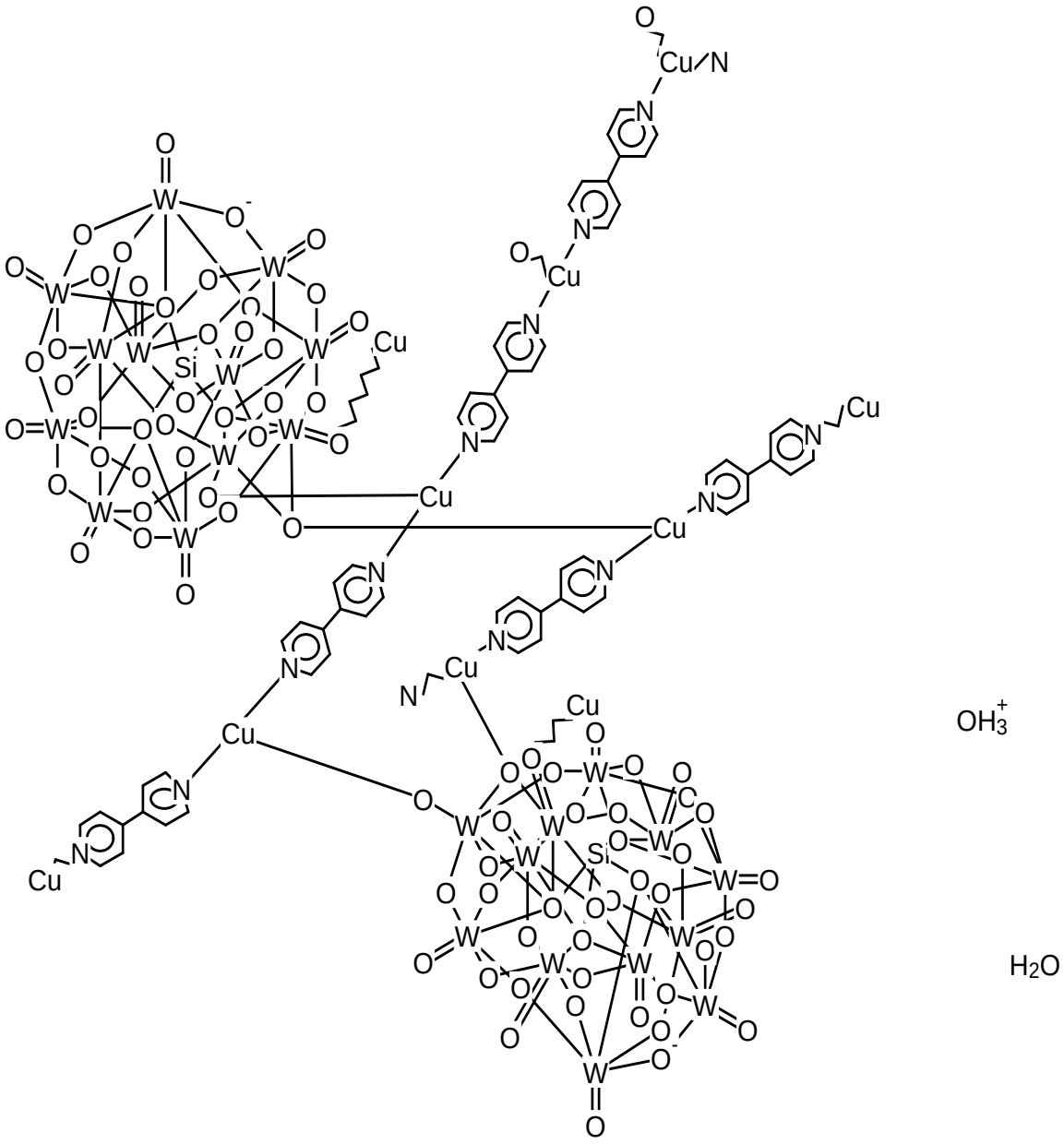
Reference: Jianfang Cao, Shuxia Liu, Yuanhang Ren, Ruige Cao, Chaoying Gao, Xinyu Zhao, Linhua Xie (2009) *J.Coord.Chem.* ,**62,**1381

Formula: $(C_{60}\ H_{48}\ Cu_6\ N_{12}\ O_{80}\ Si_2\ W_{24}\ ^{2-})n,2n(H_3\ O_1\ ^{1+}),3n(H_2\ O_1)$

Compound Name: catena-(bis(Hydroxonium) bis((μ12-silicato)-(μ3-oxo))-hexakis(μ2-4,4'-bipyridine)-pentacontakis(μ2-oxo)-icosaoxo-hexa-copper(i)-tetracosa-tungsten trihydrate)

Space Group:	P-1	***Cell:***	***a***	12.974(3)	***b***	13.674(3)	***c***	17.935(4)
Space Group No.:	2	***(Å,°)***	α	88.72(3)	β	87.49(3)	γ	75.69(3)

R-Factor (%): 5.59 ***Temperature(K):*** 293 ***Density(g/cm3):*** 3.860



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1887

PUCGIE

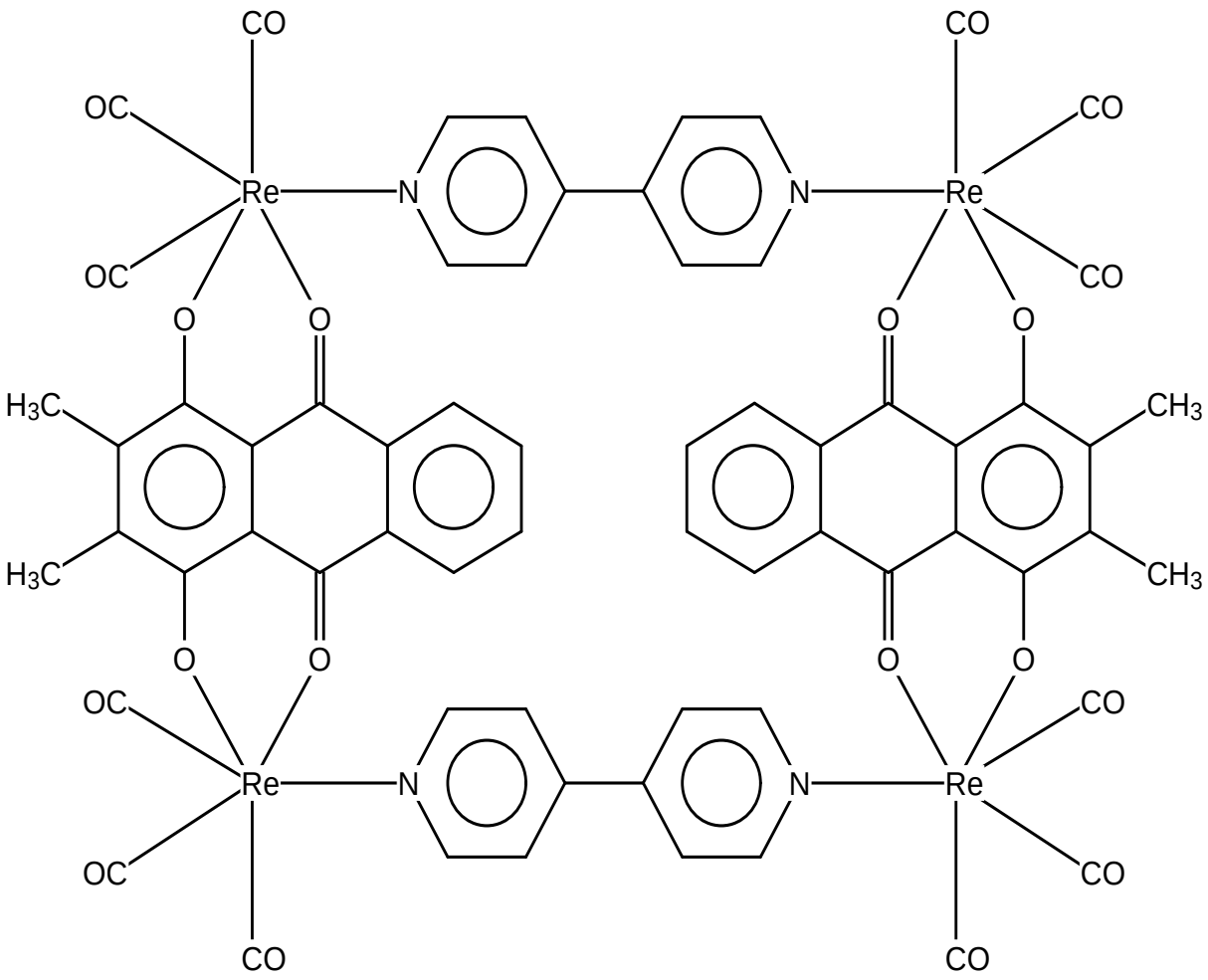
Reference: D.Bhattacharya, M.Sathiyendiran, Tzuoo-Tsair Luo, Che-Hao Chang, Yu-Hsiang Cheng, Ching-Yao Lin, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2009) *Inorg.Chem. ,***48,**3731

Formula: $C_{64}\ H_{36}\ N_4\ O_{20}\ Re_4,2(C_7\ H_8)$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-6,7-dimethyl-1,4-dioxy-9,10-anthraquinone-O,O',O'',O''')-dodecacarbonyl-tetra-rhenium(i) toluene solvate

Space Group:	P21/c	***Cell:***	***a***	10.466(0)	***b***	15.162(0)	***c*** 22.805(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	102.35(0)	γ 90.00

R-Factor (%): 5.39 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.982



Ph—CH_3

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1888

PUCGOK

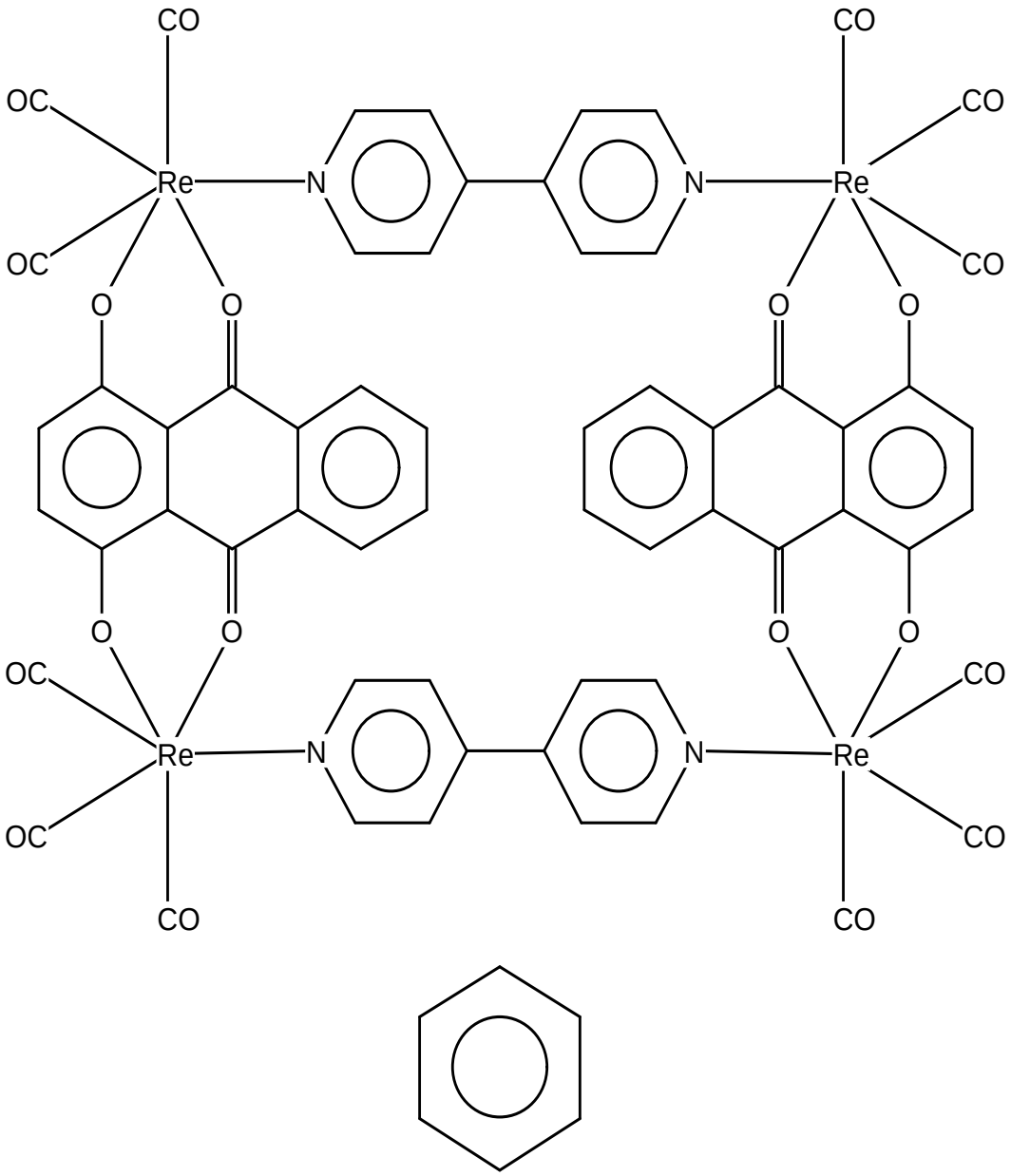
Reference: D.Bhattacharya, M.Sathiyendiran, Tzuoo-Tsair Luo, Che-Hao Chang, Yu-Hsiang Cheng, Ching-Yao Lin, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2009) *Inorg.Chem. ,***48,**3731

Formula: $C_{60}\,H_{28}\,N_4\,O_{20}\,Re_4,2(C_6\,H_6)$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,4-dioxy-9,10-anthraquinone-O,O',O'',O''')-dodecacarbonyl-tetra-rhenium(i) benzene solvate

Space Group:	P-1	***Cell:***	***a***	11.320(0)	***b***	12.552(1)	***c***	14.098(1)
Space Group No.:	2	***(Å,°)***	α	68.48(0)	β	66.73(0)	γ	84.29(0)

R-Factor (%): 8.37 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.968



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1889

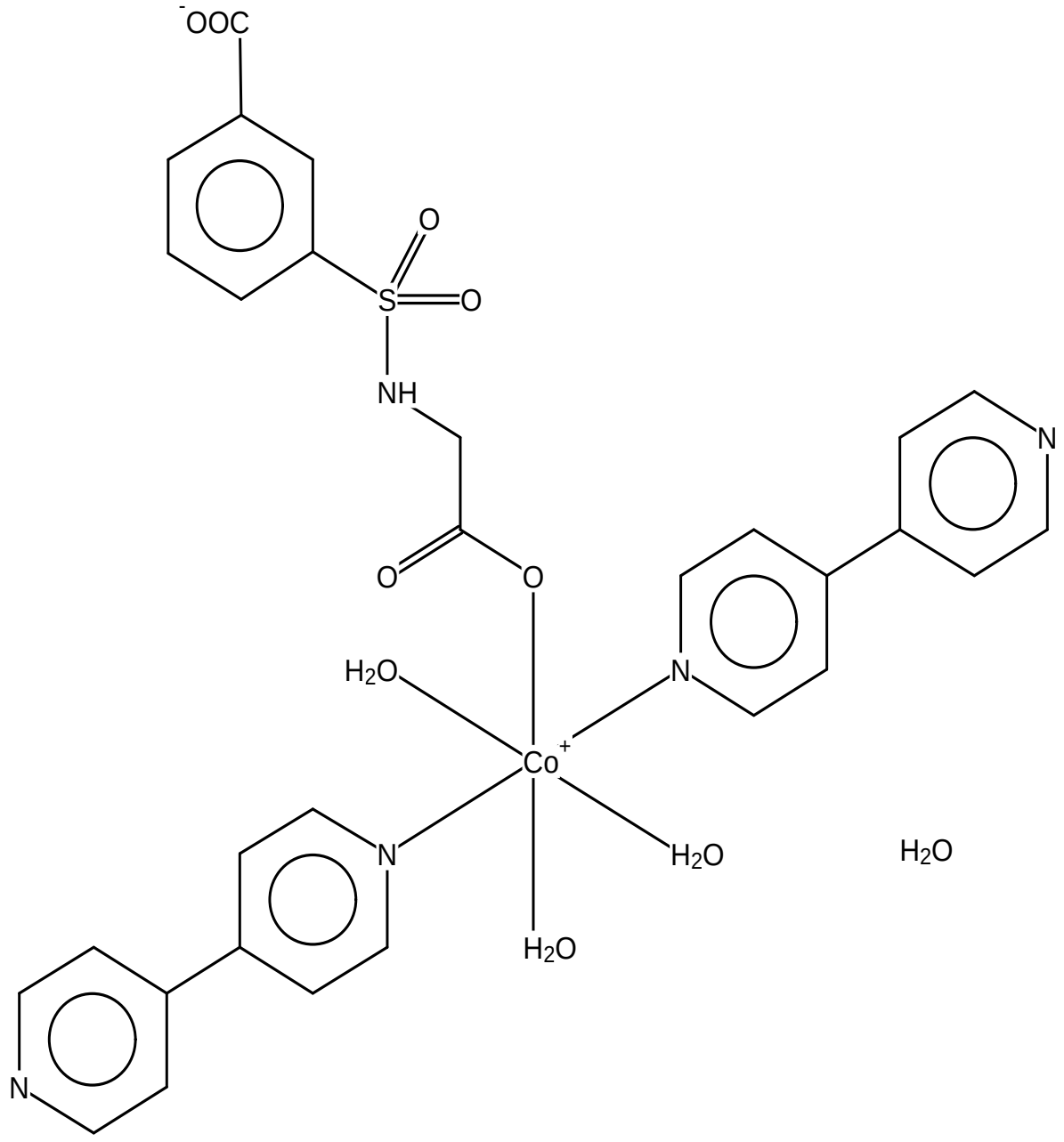
PUFRIS

Reference: Xiao-Ling Li (2009) *Z.Kristallogr.-New Cryst.Struct.* ,**224,** 402

Formula: $C_{29}\ H_{29}\ Co_1\ N_5\ O_9\ S_1, H_2\ O_1$

Compound Name: Triaqua-bis(4,4'-bipyridine-N)-(N-(3-carboxybenzenesulfonyl)glycinato-O)-cobalt(ii) monohydrate

Space Group:	P21/n	***Cell:***	***a***	7.411(0)	***b***	23.467(1)	***c*** 18.135(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.44(0)	γ 90.00
R-Factor (%):	4.00	***Temperature(K):***	291		***Density(g/cm^3):***		1.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1890

PUFTAM

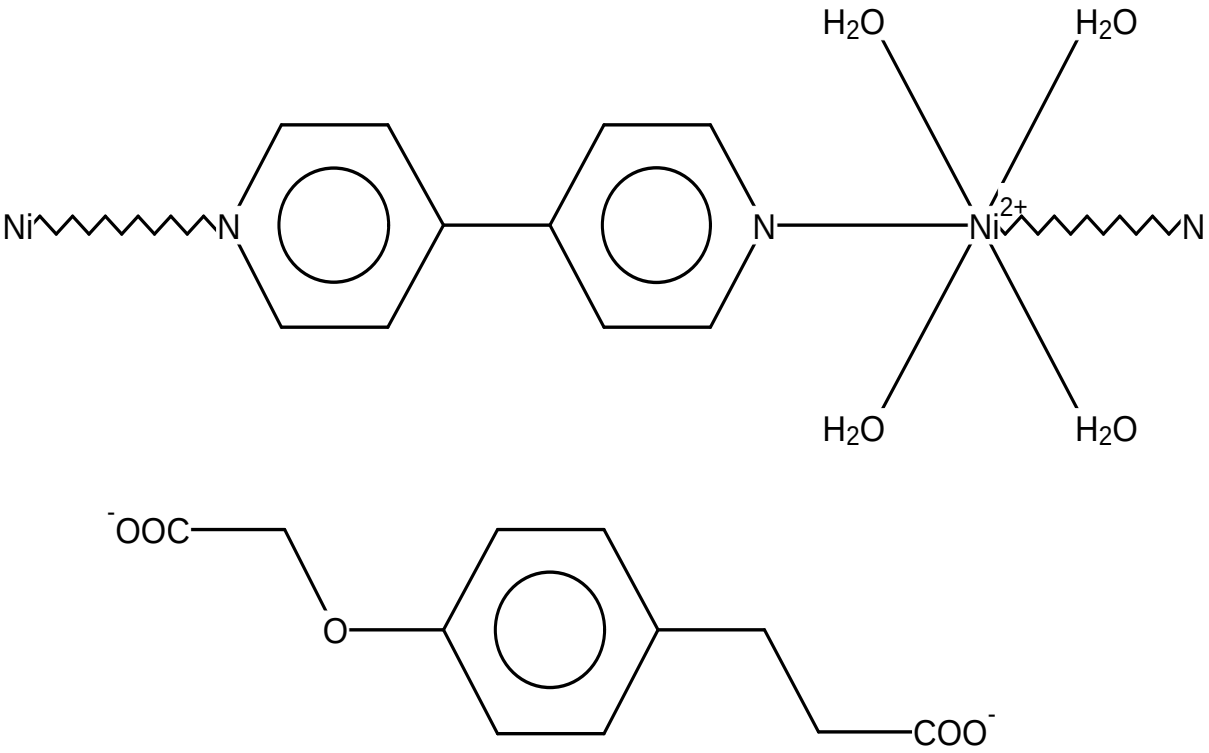
Reference: Yun-Nan Gong, Chong-Bo Liu, Zhi-Qiang Xiong (2009) *Z.Kristallogr.-New Cryst.Struct. ,***224,**421

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_{11}\ H_{10}\ O_5\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetraaqua-nickel(ii) 2-(4-(2-carboxylatoethyl)phenoxy)acetate)

Space Group:	P-1	***Cell:***	***a***	7.095(0)	***b*** 7.605(0)	***c***	10.345(0)
Space Group No.:	2	***(Å,°)***	α	91.81(0)	β 101.85(0)	γ	94.38(0)

R-Factor (%): 3.00 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.554



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1891

PUPLER

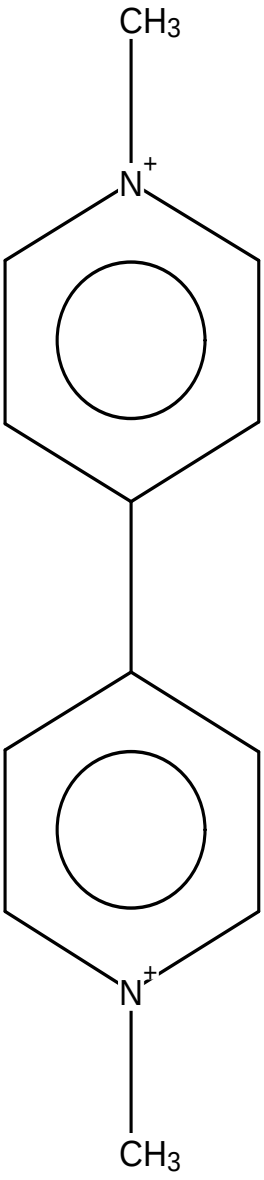
Reference: Zhongjia Tang, A.P.Litvinchuk, Hye-G.Lee, A.M.Guloy (1998) *Inorg.Chem.* ,**37,**4752

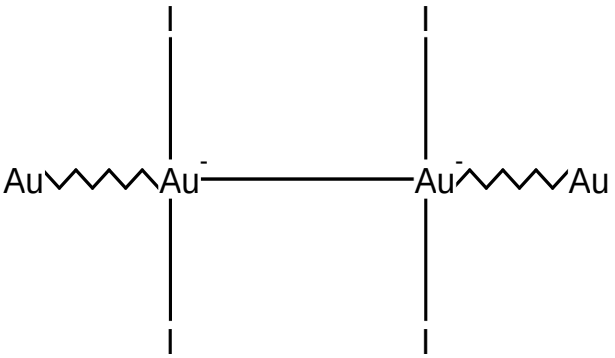
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Au_2\ I_4\ ^{2-})$

Compound Name: catena((4,4'-Dimethyl-4,4'-bipyridinium) tetraiodo-di-gold)

Space Group:	P42/mnm	***Cell:***	***a***	12.617(0)	***b***	12.617(0)	***c***	6.753(0)
Space Group No.:	136	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.44 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 3.361





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1892

PUSDIR

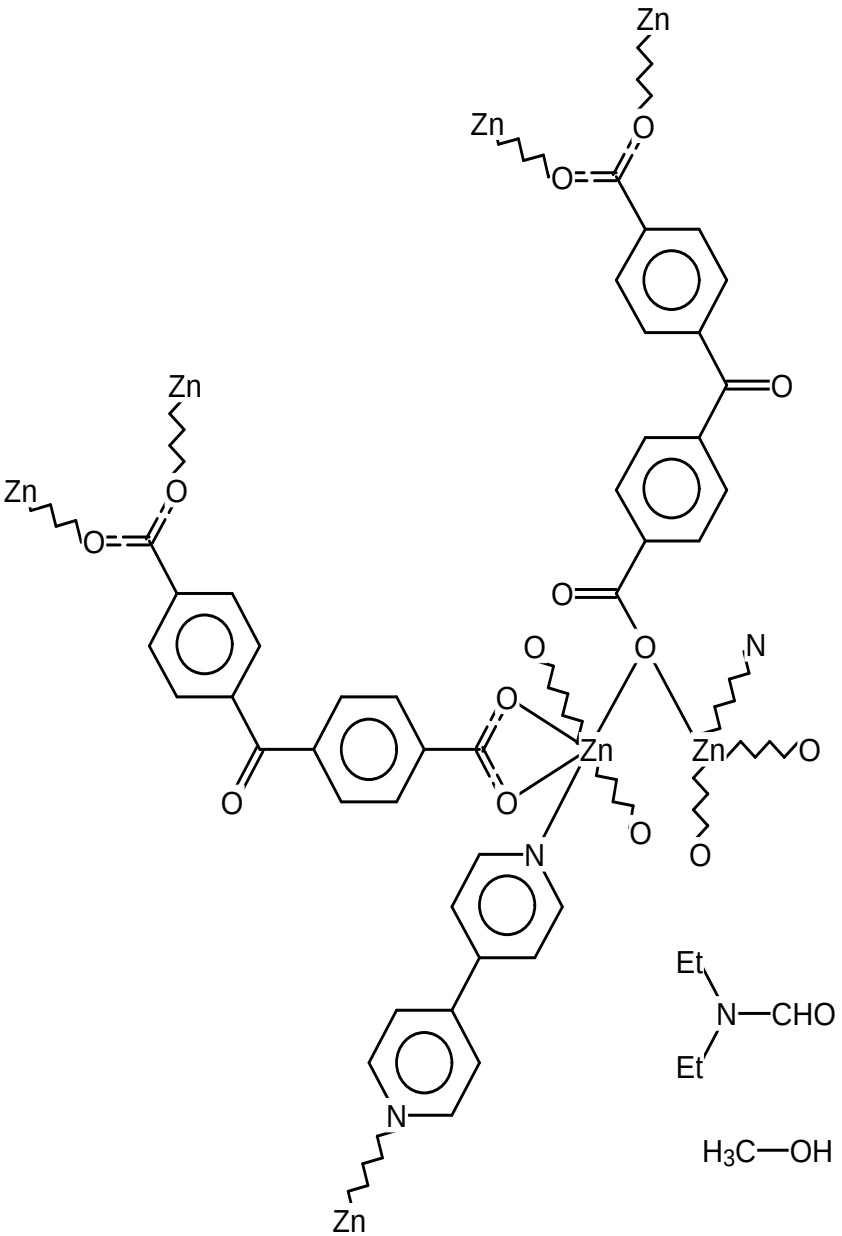
Reference: Hye Jeong Park, Myunghyun Paik Suh (2010)
Chem.Commun. ,**46,**610

Formula: $(C_{40}\ H_{24}\ N_2\ O_{10}\ Zn_2)n,2n(C_5\ H_{11}\ N_1\ O_1),2n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_4-Benzophenone-4,4'-dicarboxylato-O,O,O',O'')-(μ_3-benzophenone-4,4'-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-di-zinc(ii) N,N-diethylformamide methanol solvate)

Space Group:	C2/c	***Cell:***	***a***	21.687(4)	***b*** 17.754(4)	***c***	26.041(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.95(3)	γ	90.00

R-Factor (%): 6.06 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.488



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1893

PUSDOX

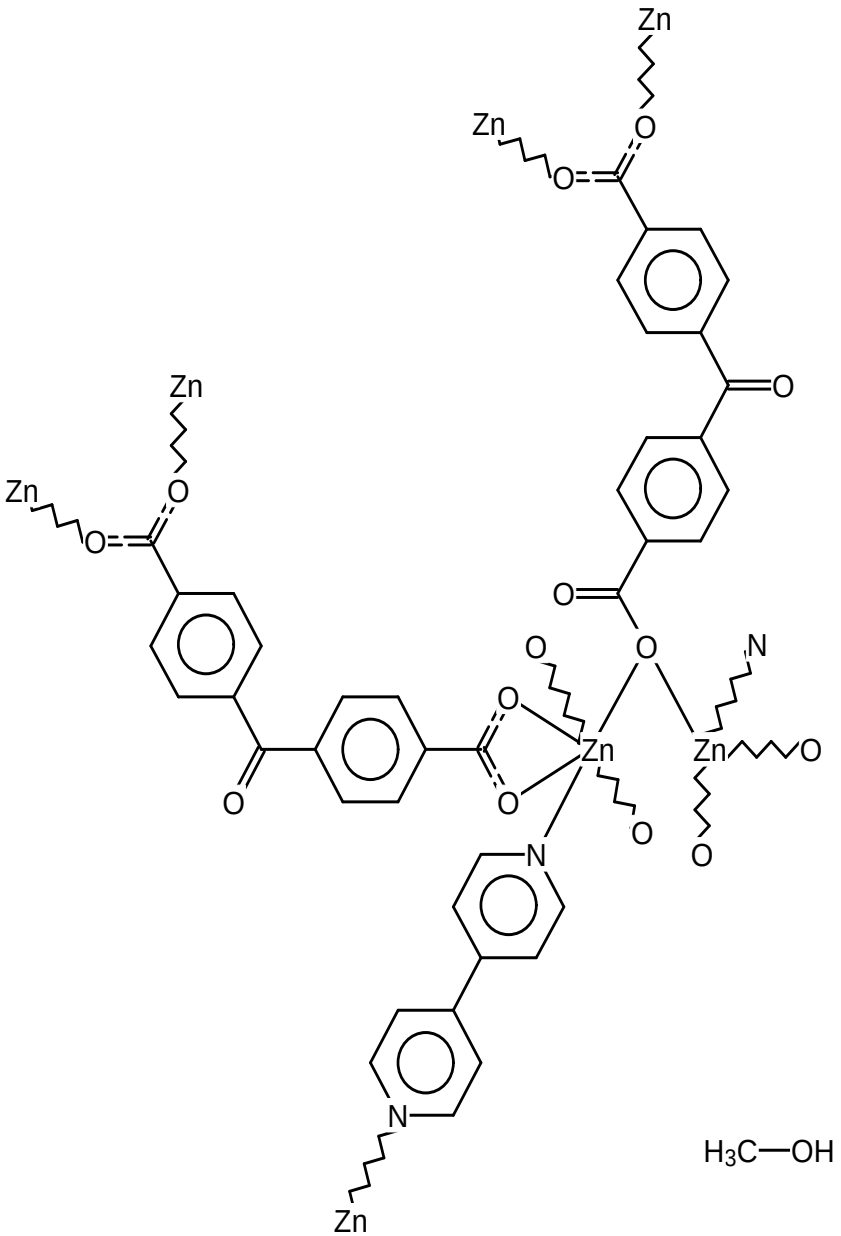
Reference: Hye Jeong Park, Myunghyun Paik Suh (2010)
Chem.Commun. ,**46,**610

Formula: $(C_{40}\ H_{24}\ N_2\ O_{10}\ Zn_2)n,6n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_4-Benzophenone-4,4'-dicarboxylato-O,O,O',O'')-(μ_3-benzophenone-4,4'-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-di-zinc(ii) methanol solvate)

Space Group:	C2/c	***Cell:***	***a***	21.536(4)	***b*** 18.048(4)	***c***	26.298(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.55(3)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.364



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1894

PUTGOA

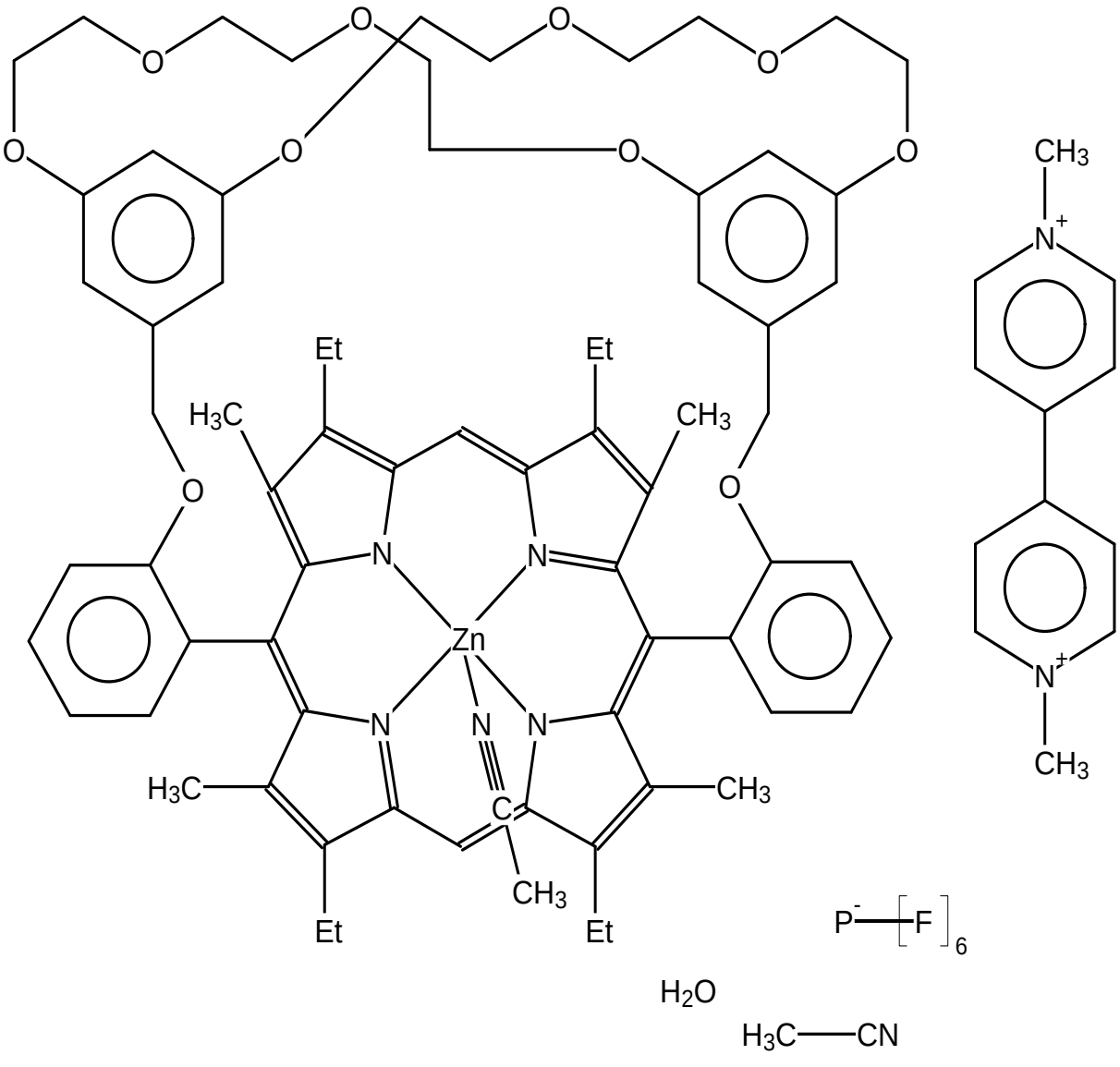
Reference: M.J.Gunter, T.P.Jeynes, M.R.Johnston, P.Turner, Zhangping Chen (1998) *J.Chem.Soc.,Perkin Trans.1* ,1945

Formula: $C_{72}\ H_{79}\ N_5\ O_{10}\ Zn_1, C_{12}\ H_{14}\ N_2\ ^{2+}, 2(F_6\ P_1\ ^{1-}), H_2\ O_1, 1.4(C_2\ H_3\ N_1)$

Compound Name: 2,5,8,11,13,16,29,22,24,28-Decaoxa-1,12(1,3,5),25,27(1,2)-tetrabenzena-26(5,15)-(2,8,12,18-tetraethyl-3,7,13,17-tetramethylporphyrinato-acetonitrile-zinc)bicyclo(10.10.7) nonacosaphane paraquat clathrate bis(hexafluorophosphate) monohydrate acetonitrile solvate

Space Group:	P21/n	***Cell:***	***a***	15.047(3)	***b***	24.288(3)	***c***	23.567(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	103.66(1)	γ	90.00

R-Factor (%): 5.90 ***Temperature(K):*** 158 ***Density(g/cm^3):*** 1.422



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1895

PUTGUG

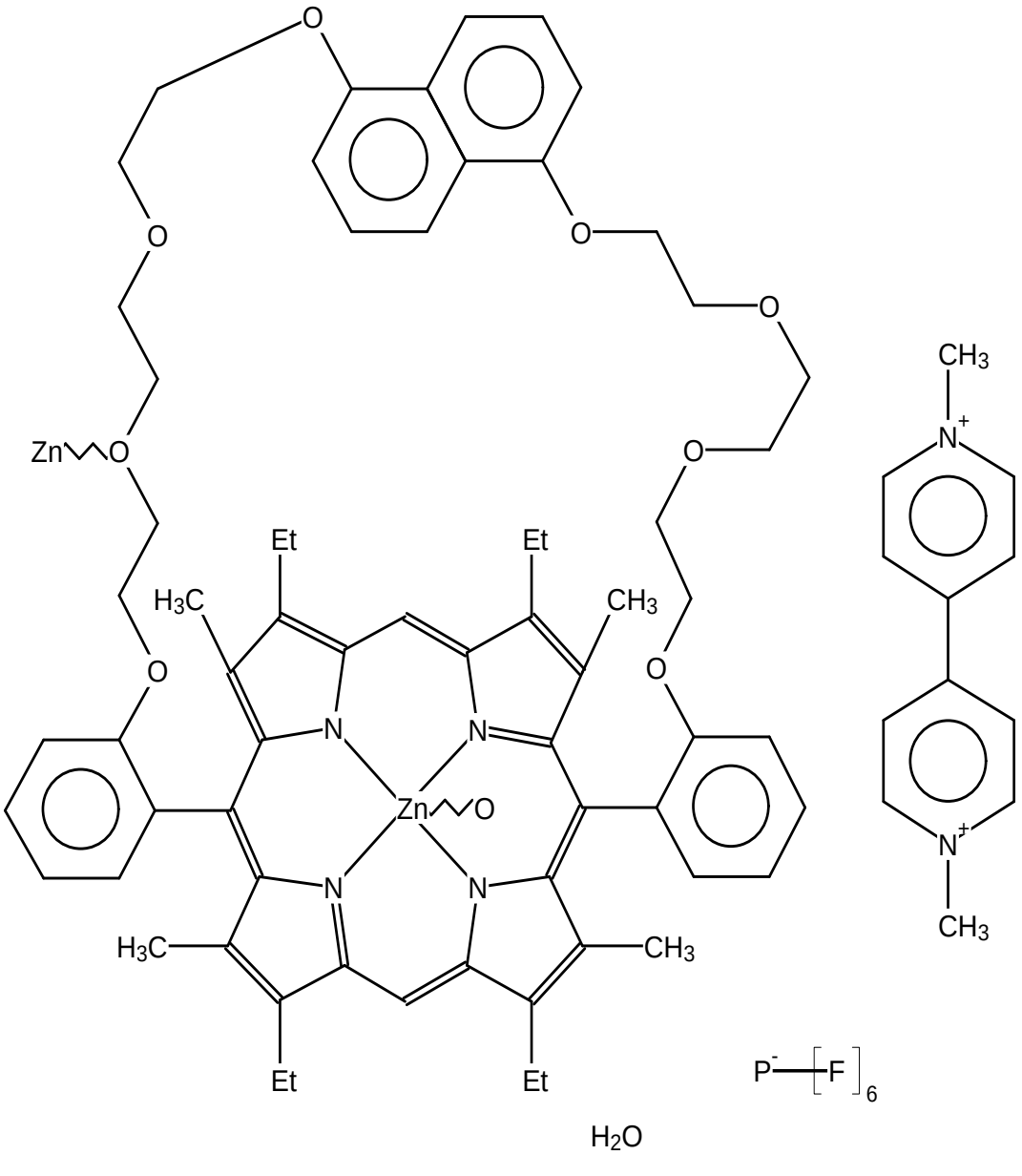
Reference: M.J.Gunter, T.P.Jeynes, M.R.Johnston, P.Turner, Zhangping Chen (1998) *J.Chem.Soc.,Perkin Trans.1* ,1945

Formula: $(C_{66}\ H_{72}\ N_4\ O_8\ Zn_1)n,n(C_{12}\ H_{14}\ N_2\ ^{2+}),2n(F_6\ P_1\ ^{1-}),2.5n(H_2\ O_1)$

Compound Name: catena-(2,5,8,11,15,18,21,24-Octaoxa-1(1,5)-naphthyl-12,14(1,2)-dibenzena-13(5,15)-(2,8,12,18-tetraethyl-3,7,13,17-tetramethylporphyrinato-zinc)cyclotetracosaphane(O^8-Zn) paraquat clathrate bis(hexafluorophosphate) hydrate)

Space Group:	P21/c	***Cell:***	***a***	17.869(8)	***b*** 18.024(6)	***c***	26.692(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.15(4)	γ	90.00

R-Factor (%): 12.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.293



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1896

PUVHOD

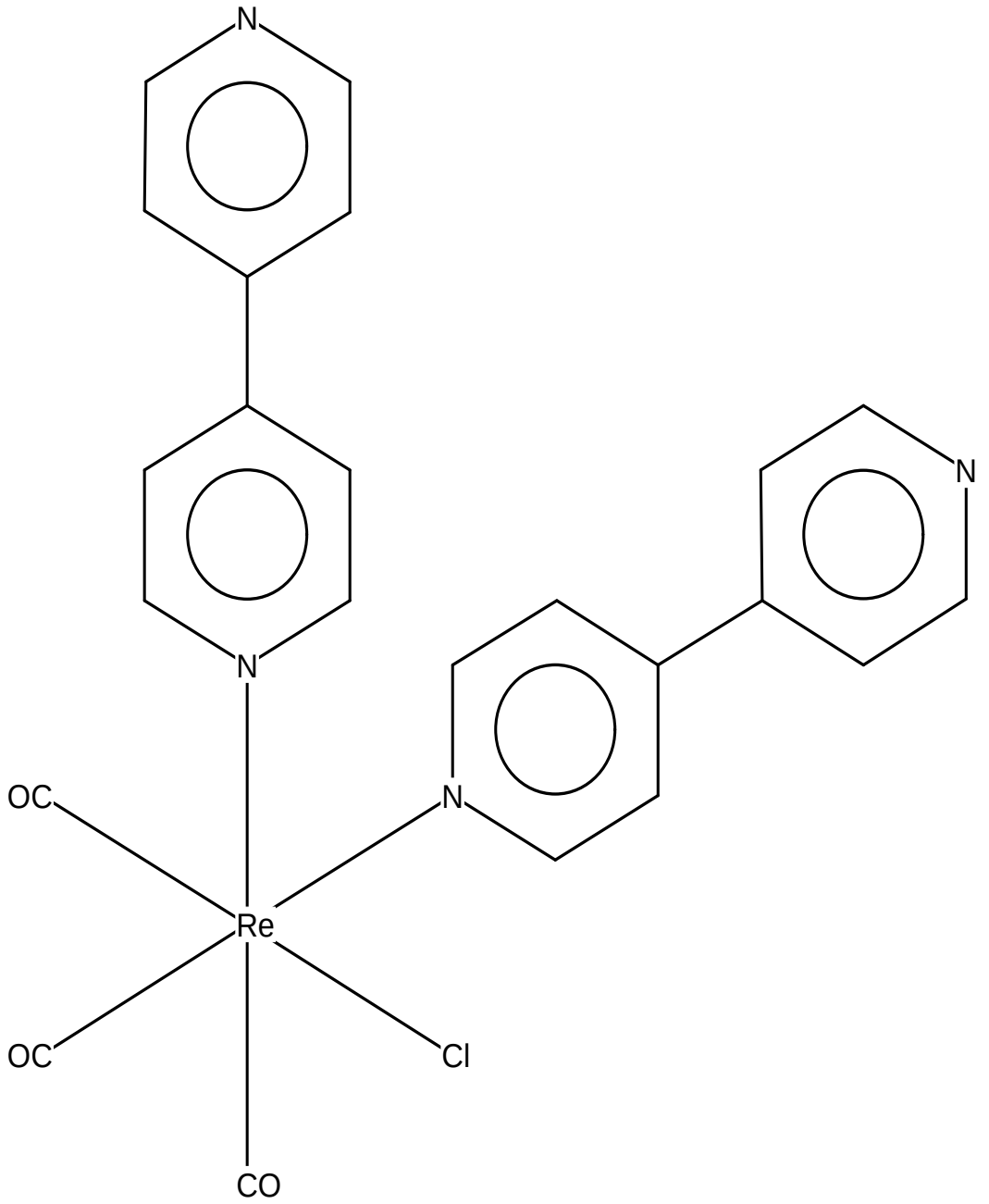
Reference: S.Belanger, J.T.Hupp, C.L.Stern (1998)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**54,**1596

Formula: $C_{23}\ H_{16}\ Cl_1\ N_4\ O_3\ Re_1$

Compound Name: fac-Tricarbonyl-chloro-bis(4,4'-bipyridine-N)-rhenium

Space Group:	P21/n	***Cell:***	***a***	7.126(2)	***b***	14.658(3)	***c***	21.517(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.63(2)	γ	90.00

R-Factor (%): 2.80 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.847



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1897

PUXBOZ

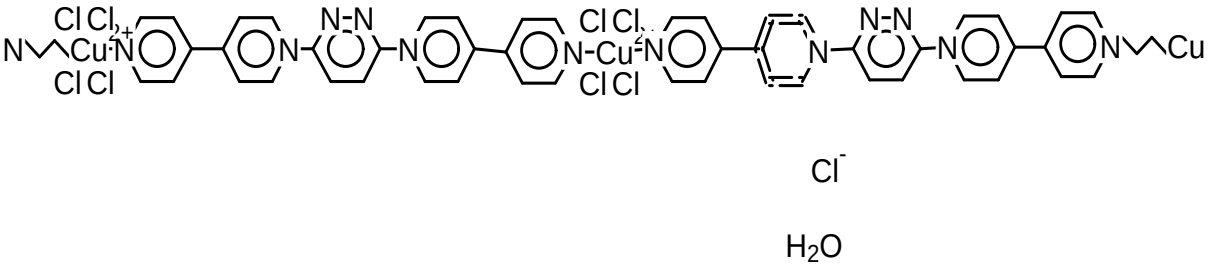
Reference: Jie Zhang, M.M.Matsushita, X.X.Kong, J.Abe, T.Iyoda (2001) *J.Am.Chem.Soc.* ,**123,**12105

Formula: $(C_{48}\ H_{36}\ Cl_8\ Cu_2\ N_{12}\ ^{4+})n,4n(Cl_1\ ^{1-}),_2 2.5n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-3,6-bis(4'-pyridyl-1'-pyridinio)pyridazine)-tetrachloro-copper) tetrachloride hydrate)

Space Group:	C2/c	***Cell:***	***a*** 33.295(2)	***b*** 33.289(2)	***c*** 6.586(0)
Space Group No.:	15	***(Å,°)***	α 90.00	β 90.05(0)	γ 90.00

R-Factor (%): 6.55 ***Temperature(K):*** 103 ***Density(g/cm^3):*** 1.582



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1898

PUXSAC

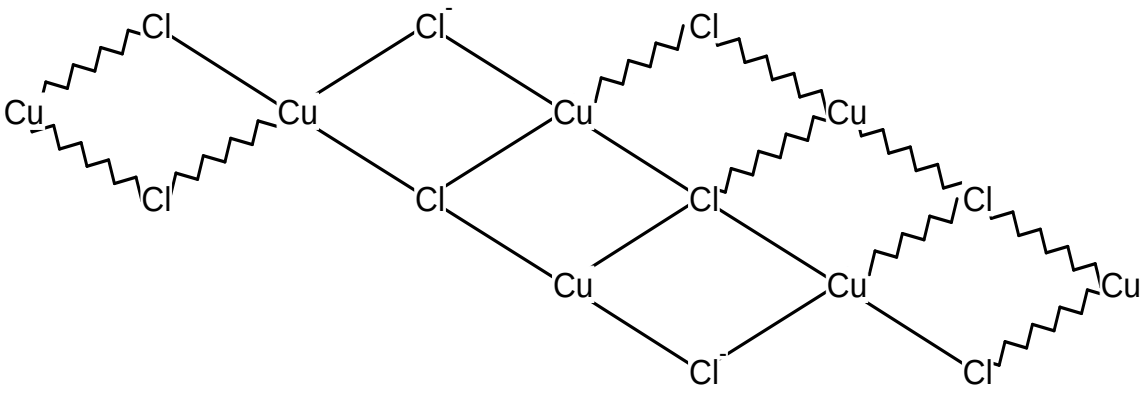
Reference: H.Place, B.Scott, R.D.Willett (2001) *Inorg.Chim.Acta* ,**319,** 43

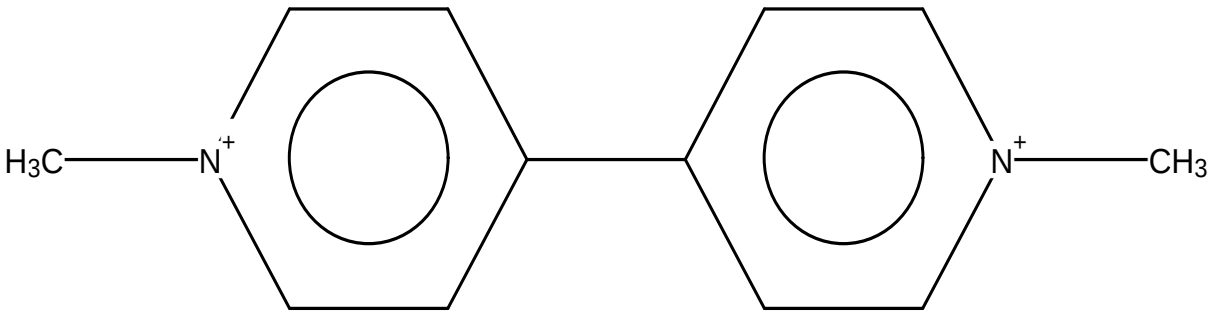
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Cl_6\ Cu_4\ ^{2-})$

Compound Name: catena-(Paraquat (μ_4-chloro)-(μ_3-chloro)-tetrakis(μ_2-chloro)-tetra-copper(i))

Space Group:	P-1	***Cell:***	***a*** 8.184(3)	***b*** 9.907(3)	***c*** 12.847(4)
Space Group No.:	2	***(Å,°)***	α 108.48(2)	β 97.74(3)	γ 98.20(3)

R-Factor (%): 7.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.260





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1899

PUYJUO

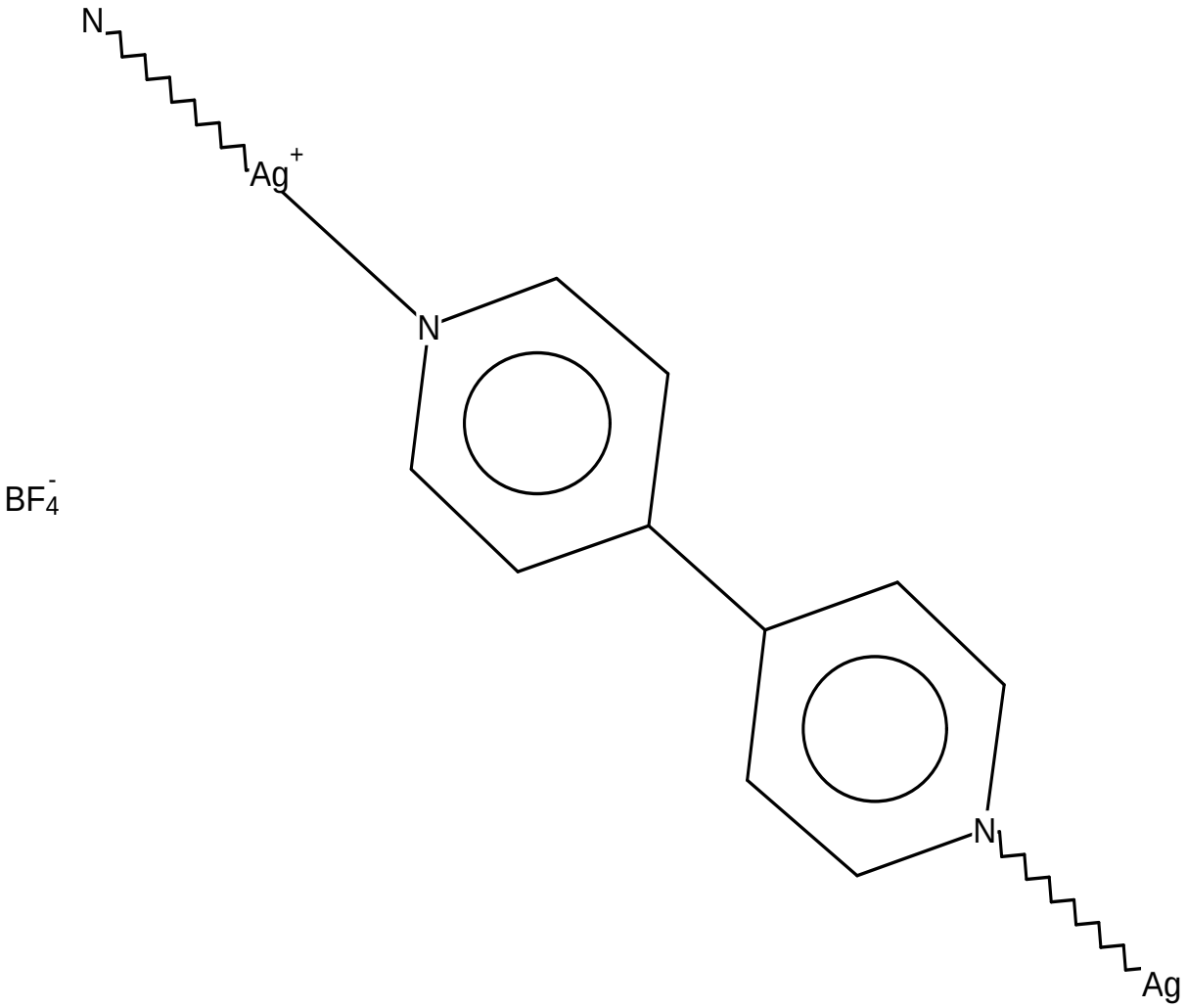
Reference: L.Carlucci, G.Ciani, D.M.Proserpio (2002)
Private Communication ,

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(B_1\ F_4\ ^{1-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-silver tetrafluoroborate)

Space Group:	Cccm	***Cell:***	***a***	6.404(1)	***b***	12.229(1)	***c***	15.166(1)
Space Group No.:	66	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.962



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1900

PYCLSB

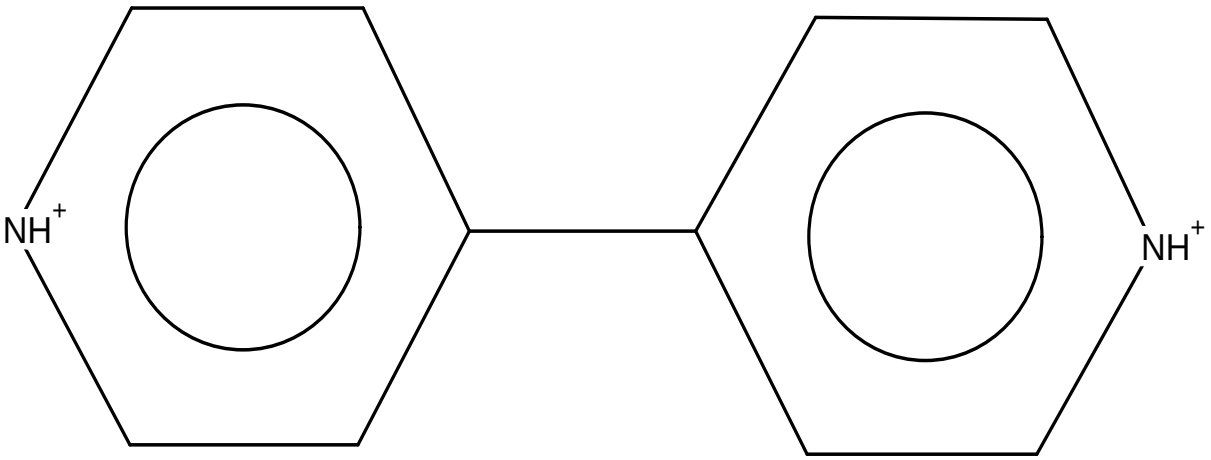
Reference: A.Lipka (1980) *Z.Anorg.Allg.Chem.* ,**469,**229

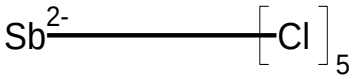
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_5\,Sb_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium pentachloro-antimony

Space Group:	P-1	***Cell:***	***a***	8.431(5)	***b***	9.586(8)	***c*** 10.980(10)
Space Group No.:	2	***(Å,°)***	α	112.45(6)	β	101.95(6)	γ 97.78(6)

R-Factor (%): 4.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.948





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1901

PYCLSB01

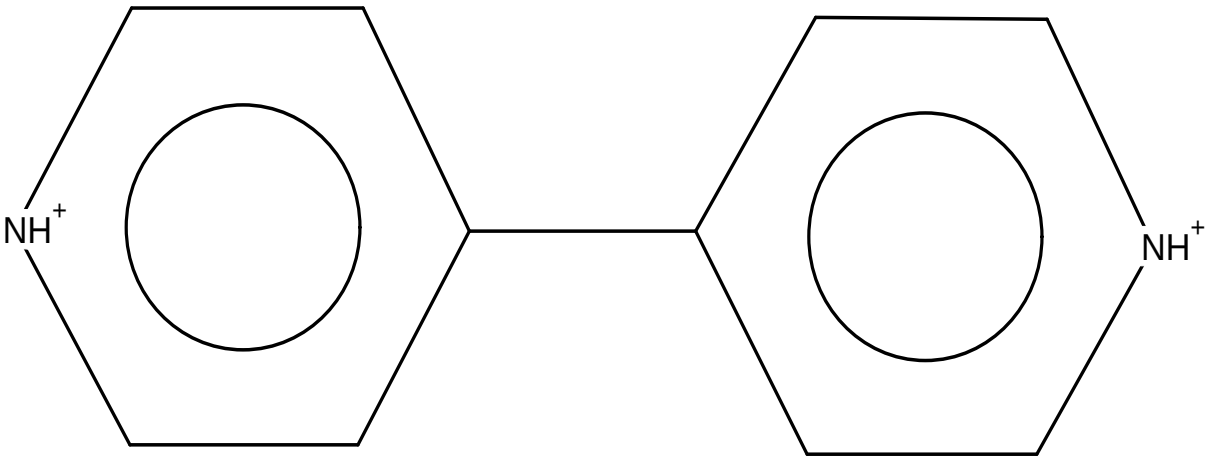
Reference: A.Lipka (1983) *Z.Naturforsch.,B:Chem.Sci.* ,**38,**1615

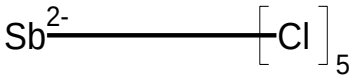
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_5\,Sb_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium pentachloro-antimony(iii)

Space Group:	Pbc21	***Cell:***	***a***	12.494(2)	***b***	7.404(1)	***c***	16.453(3)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.995





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1902

PYCLSB02

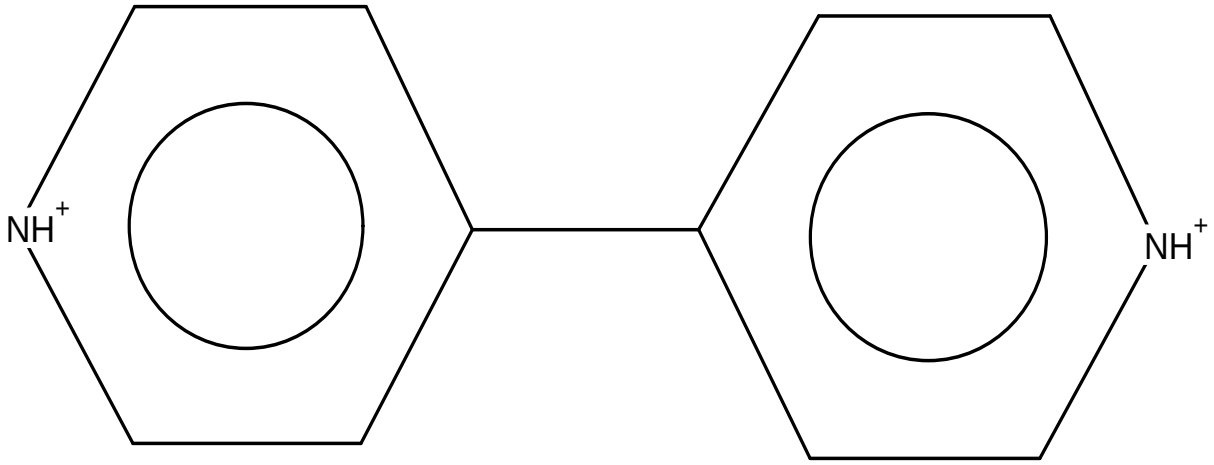
Reference: A.Angeloni, P.C.Crawford, A.G.Orpen, T.J.Podesta, B.J.Shore (2004) *Chem.-Eur.J. ,***10,**3783

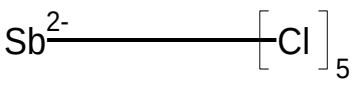
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_5\,Sb_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium pentachloro-antimony(iii)

Space Group:	Pbcm	***Cell:***	***a***	12.497(2)	***b*** 7.335(1)	***c***	16.327(3)
Space Group No.:	57	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 2.18 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.029





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1903

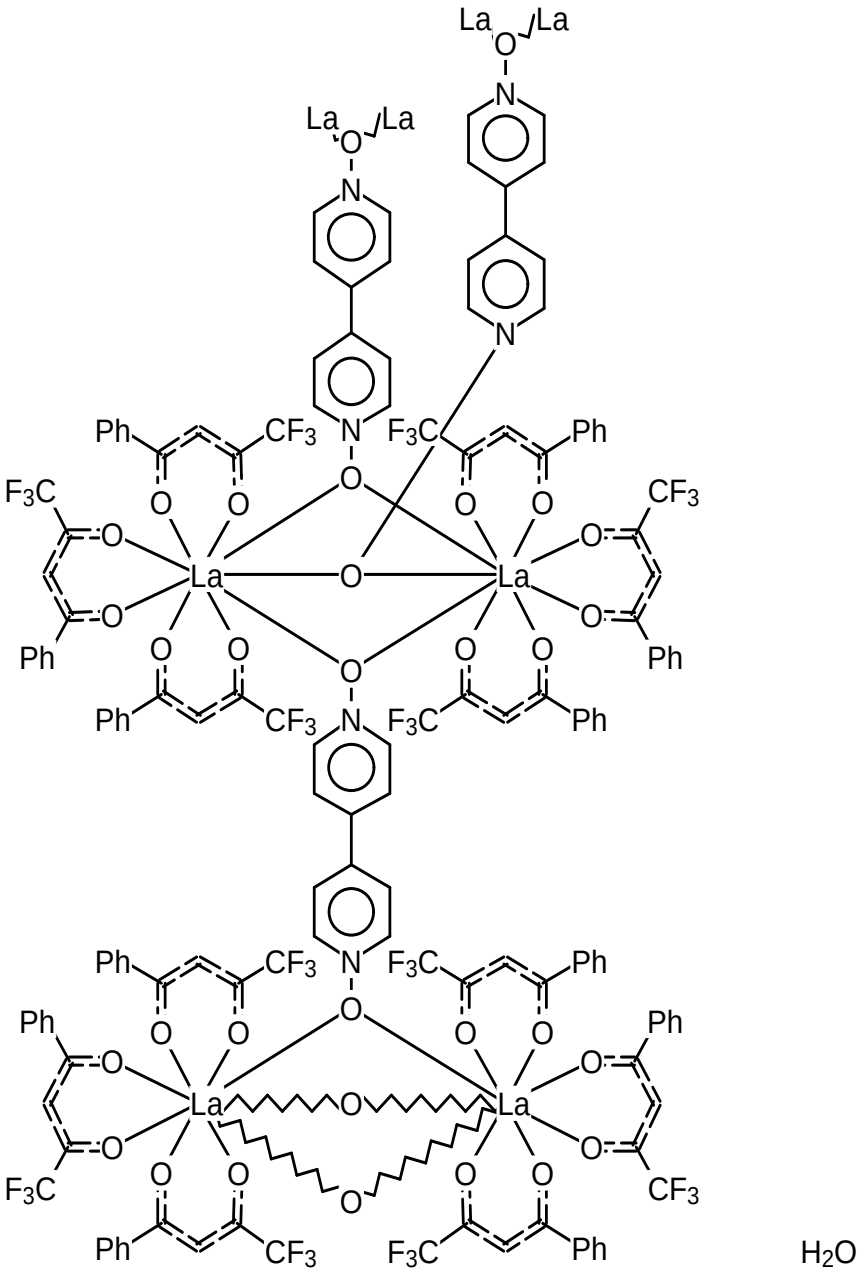
QAFGAG

Reference: Shu-Lan Ma, Wen-Xiang Zhu, Gui-Hai Huang, Da-Qiang Yuan, Xi Yan (2003) *J.Mol.Struct. ,***646,**89

Formula: $(C_{150}\ H_{96}\ F_{36}\ La_4\ N_6\ O_{30})n,3n(H_2\ O_1)$

Compound Name: catena-(tris(μ_4-4,4'-Bipyridine dioxide)-hexakis(benzoyltrifluoroacetonato)-tetra-lanthanum(iii) trihydrate)

Space Group:	I41/a	***Cell:***	***a*** 26.594(4)	***b*** 26.594(4)	***c*** 45.960(9)
Space Group No.:	88	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	6.51	***Temperature(K):***	123	***Density(g/cm^3):***	1.535



Search: search1 (Thu May 26 10:05:42 2011): Hit 1904

QAGCUW

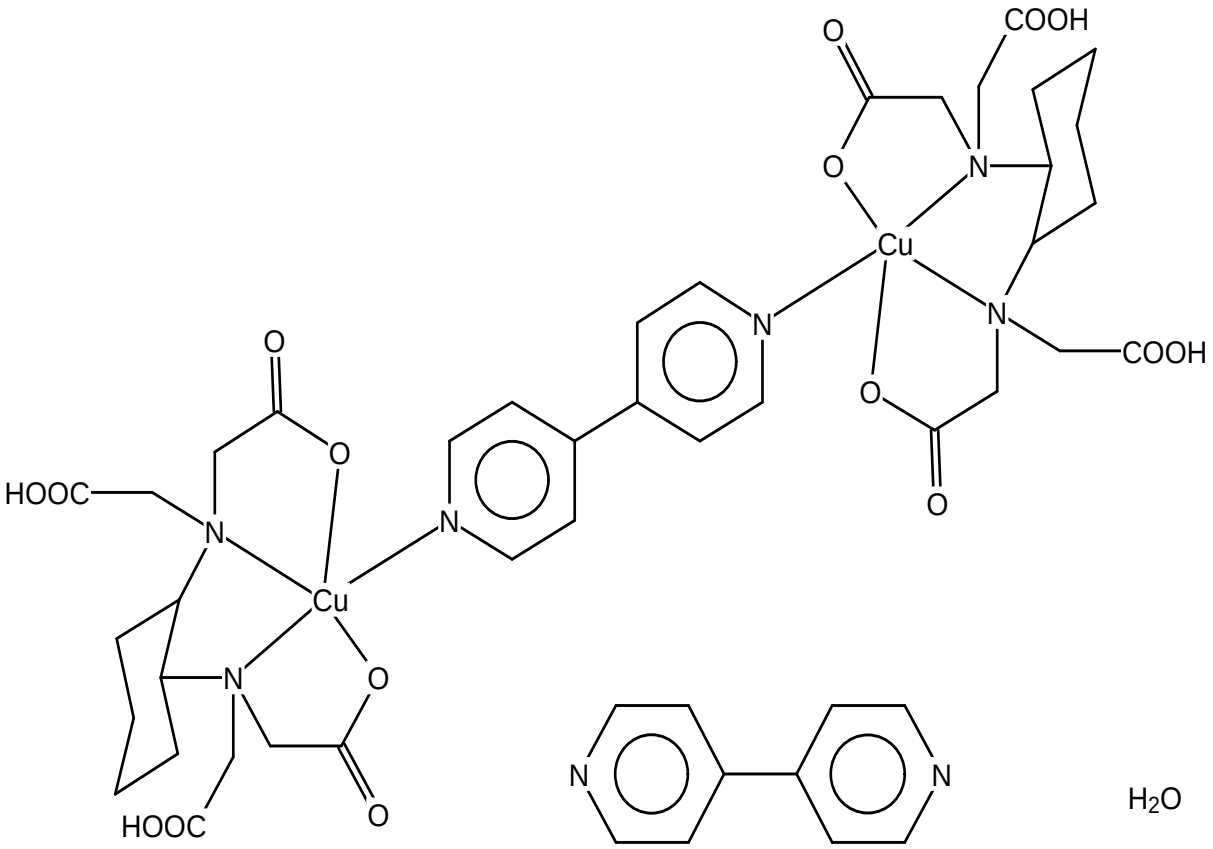
Reference: Quanming Wang, Xintao Wu, Ping Lin, Wenjian Zhang, Tianlu Sheng, Heng Yu, Ling Chen, Jianmin Li (1999) *Polyhedron* ,**18,** 1411

Formula: $C_{38}\ H_{48}\ Cu_2\ N_6\ O_{16}, C_{10}\ H_8\ N_2, 2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((trans-cyclohexane-1,2-diamine-N,N'-diacetic acid N,N'-diacetato)-copper(ii)) 4,4'-bipyridyl solvate dihydrate

Space Group:	P21/c	***Cell:***	***a***	8.448(0)	***b***	13.407(0)	***c*** 24.125(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.93(0)	γ 90.00

R-Factor (%): 6.64 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.415



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1905

QAGDEH

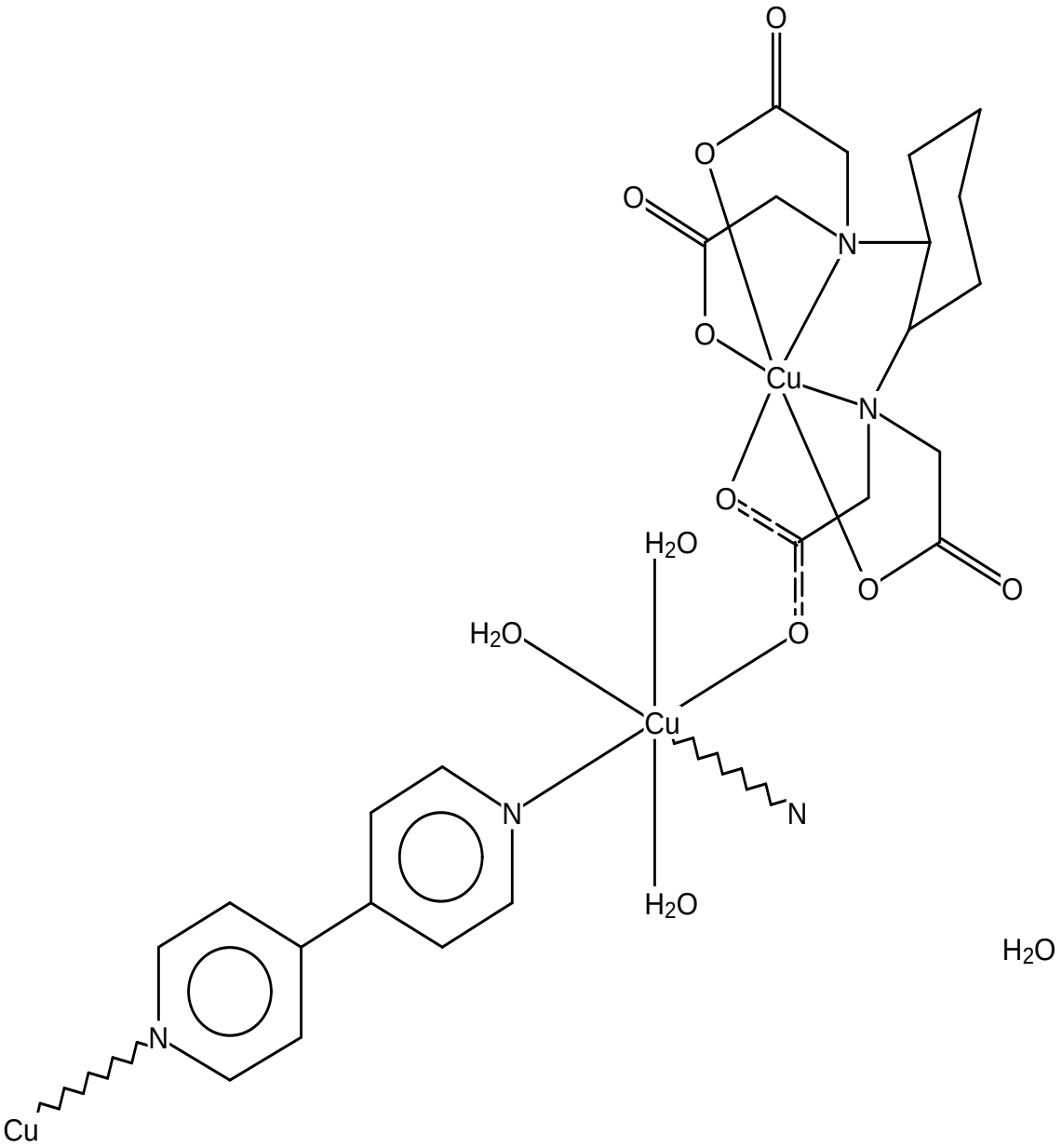
Reference: Quanming Wang, Xintao Wu, Ping Lin, Wenjian Zhang, Tianlu Sheng, Heng Yu, Ling Chen, Jianmin Li (1999) *Polyhedron* ,**18,** 1411

Formula: $(C_{24}\ H_{32}\ Cu_2\ N_4\ O_{11})n,8n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-trans-cyclohexane-1,2-diamine-N,N,N',N'-tetra-acetato)-triaqua-di-copper(ii) octahydrate)

Space Group:	P21	***Cell:***	***a***	8.814(2)	***b***	14.979(3)	***c*** 13.574(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β	104.97(2)	γ 90.00

R-Factor (%): 4.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.580



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1906

QAGTEX

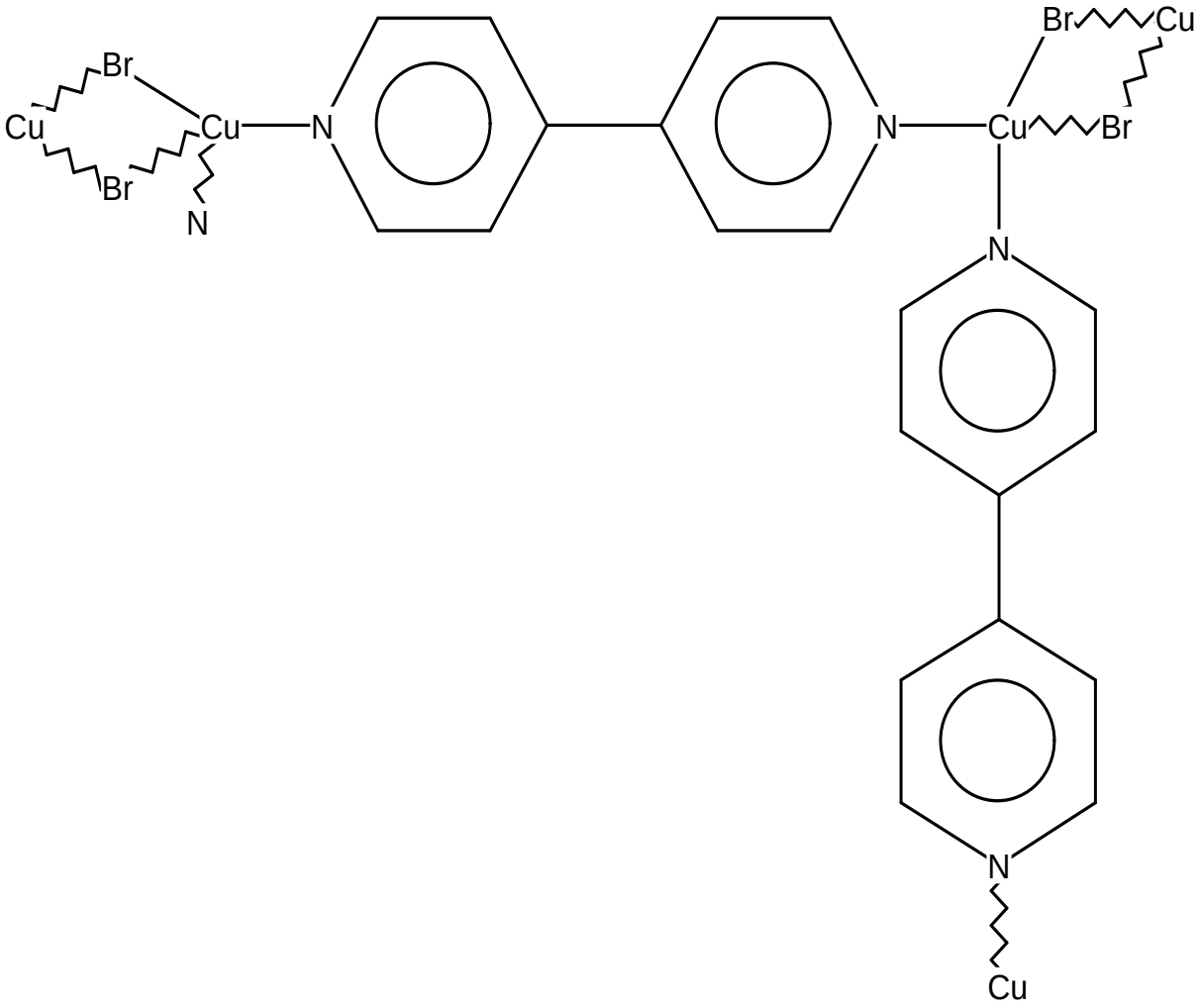
Reference: S.R.Batten, J.C.Jeffery, M.D.Ward (1999)
Inorg.Chim.Acta ,**292,**231

Formula: $(C_{20}\ H_{16}\ Br_2\ Cu_2\ N_4)n$

Compound Name: catena-(bis((μ$_2$-Bromo)-(4,4'-bipyridine)-copper))

Space Group:	I41/acd	***Cell:***	***a***	14.292(3)	***b***	14.292(3)	***c***	38.742(6)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.73 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.012



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1907

QAGTEX01

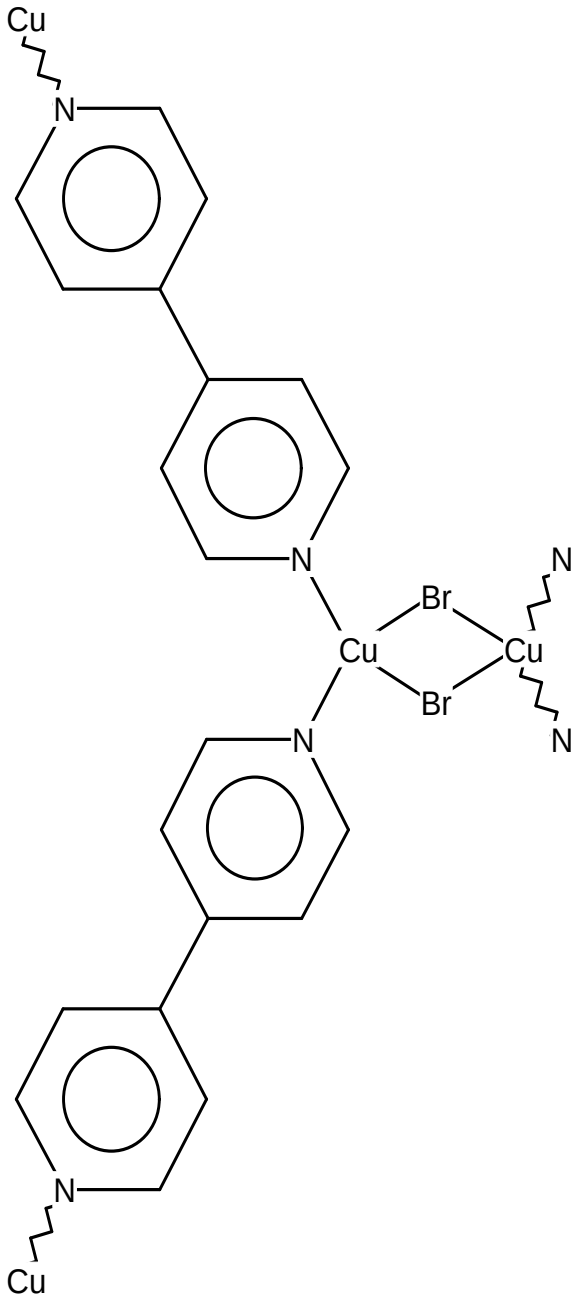
Reference: J.Y.Lu, B.R.Cabrera, Ru-Ji Wang, Jing Li (1999)
*Inorg.Chem. ,***38,**4608

Formula: $(C_{20}\ H_{16}\ Br_2\ Cu_2\ N_4)n$

Compound Name: catena-(bis(μ_2-Bromo)-bis(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	I41/acd	***Cell:***	***a***	14.406(2)	***b***	14.406(2)	***c***	38.524(8)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.03 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.991



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1908

QAGTIB

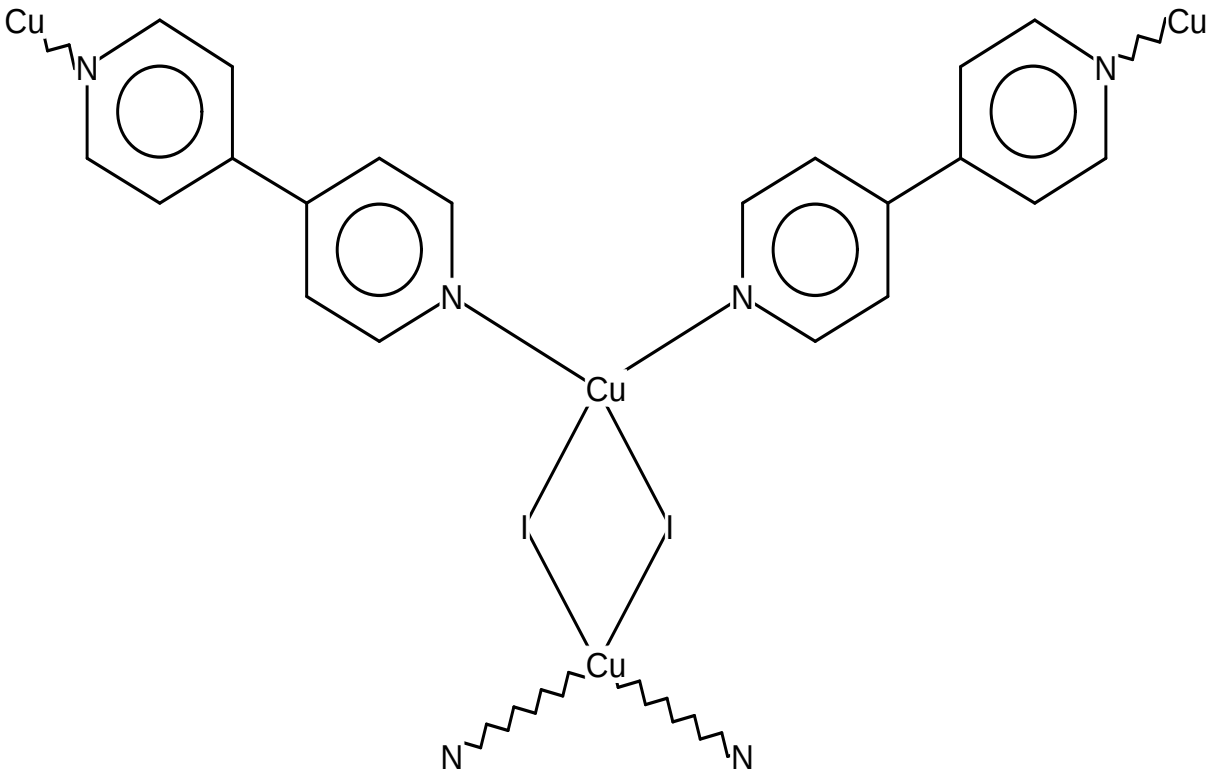
Reference: S.R.Batten, J.C.Jeffery, M.D.Ward (1999)
Inorg.Chim.Acta ,**292,**231

Formula: $(C_{20}\ H_{16}\ Cu_2\ I_2\ N_4)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(μ$_2$-iodo)-copper))

Space Group:	I41/acd	***Cell:***	***a***	14.790(3)	***b***	14.790(3)	***c***	38.519(7)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.99 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.186



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1909

QAGTIB01

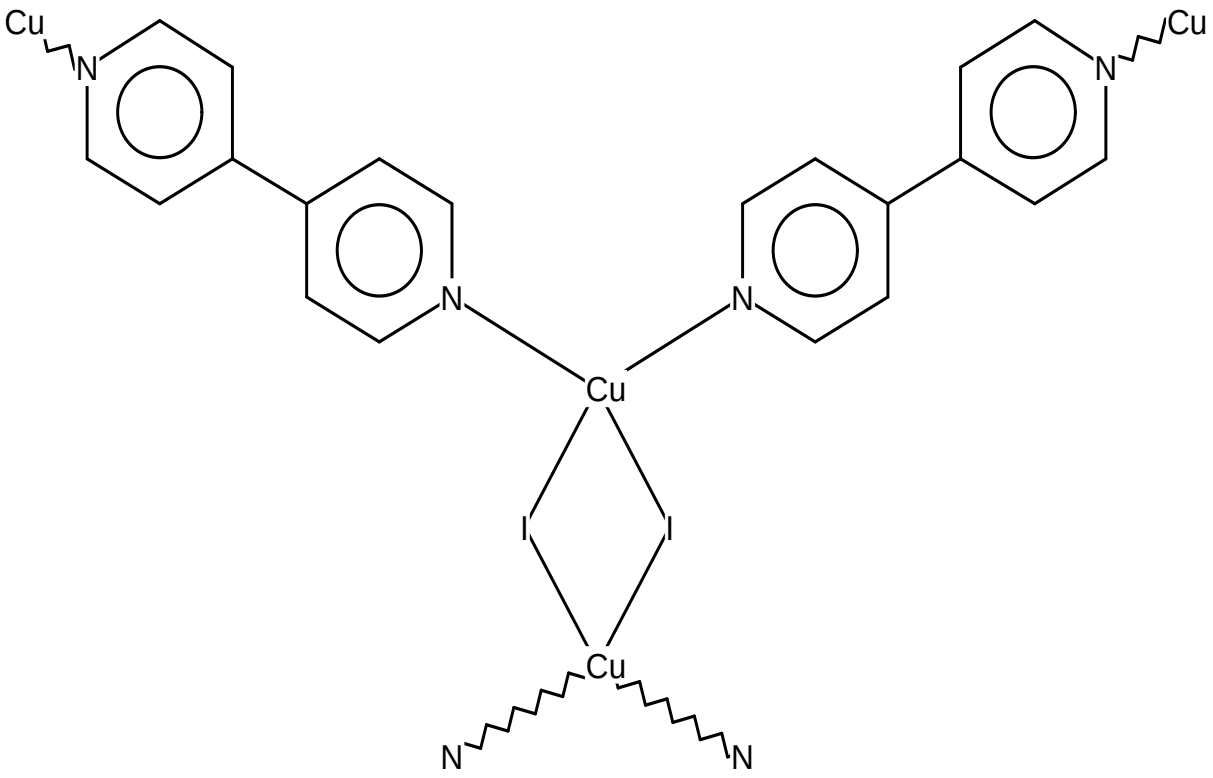
Reference: A.J.Blake, N.R.Brooks, N.R.Champness, P.A.Cooke, M.Crew, A.M.Deveson, L.R.Hanton, P.Hubberstey, D.Fenske, M.Schroder (1999) *Crystal Engineering ,***2,**181

Formula: $(C_{20}\ H_{16}\ Cu_2\ I_2\ N_4)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-(μ$_2$-iodo)-copper(i)))

Space Group:	I41/acd	***Cell:***	***a***	14.749(3)	***b***	14.749(3)	***c***	38.475(7)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.15 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.201



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1910

QAGTIB02

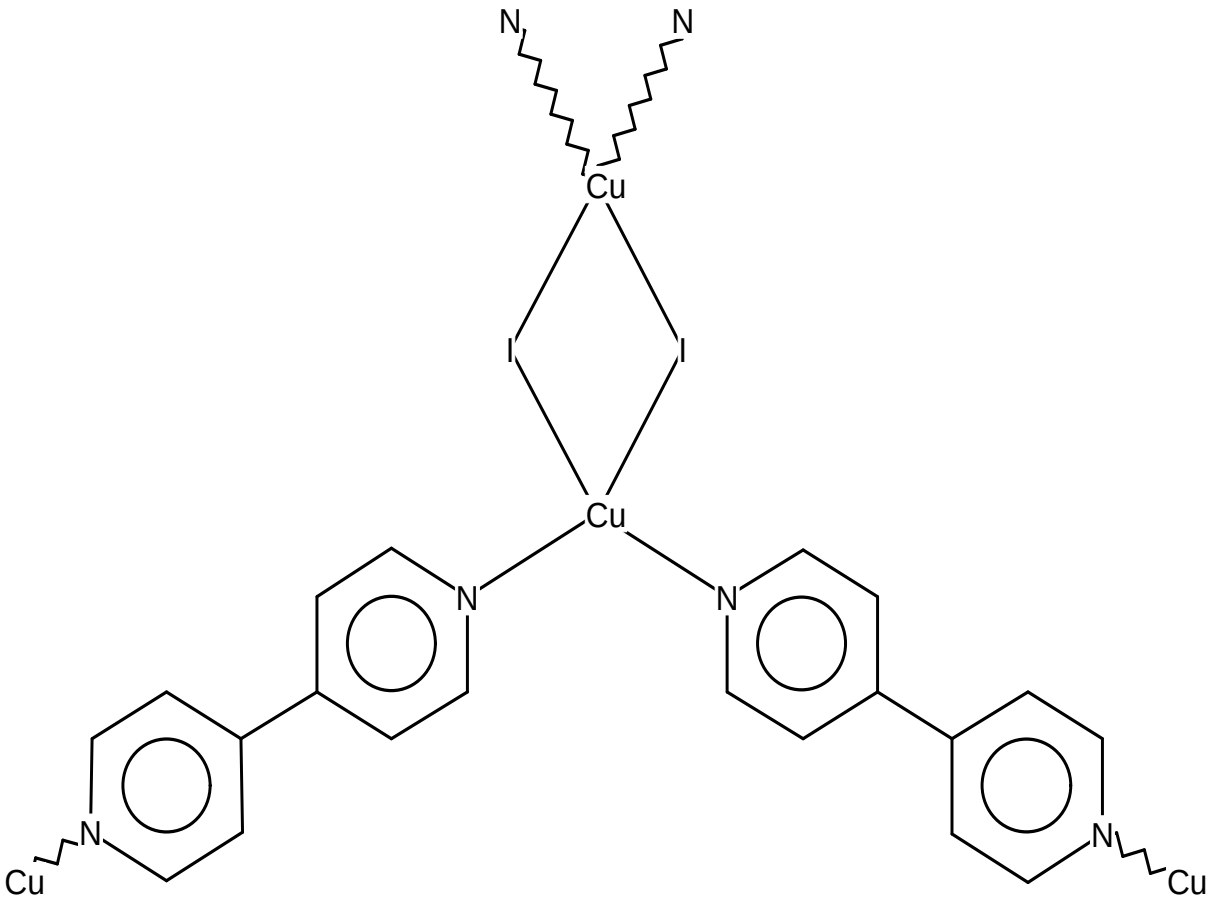
Reference: Y.Niu, H.Hou, Y.Zhu (2005) *Private Communication* ,

Formula: $(C_{20}\ H_{16}\ Cu_2\ I_2\ N_4)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(μ_2-iodo)-copper)

Space Group:	I41/acd	***Cell:***	***a***	14.928(2)	***b***	14.928(2)	***c***	38.464(8)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.67 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 2.149



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1911

QAGTIB03

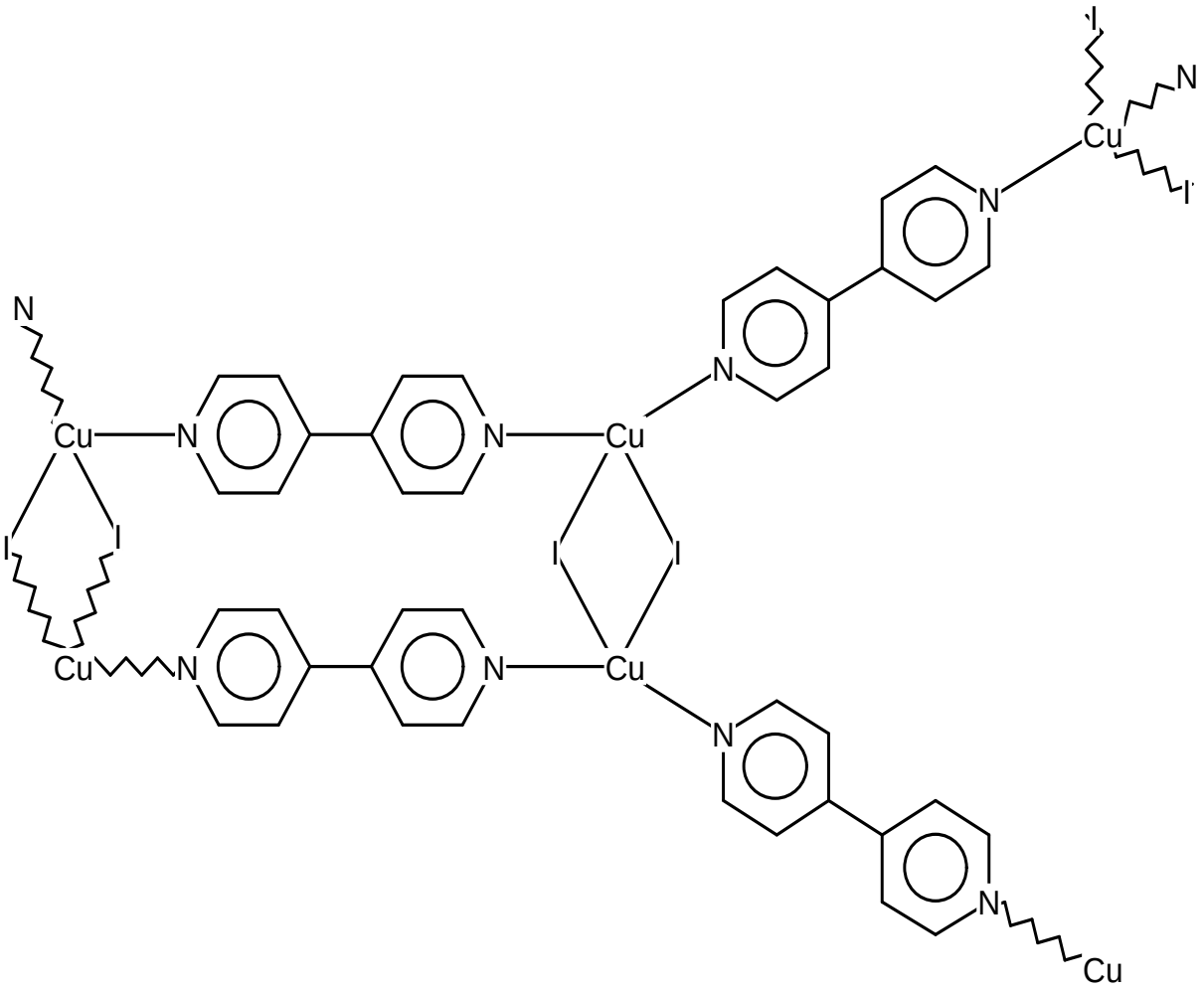
Reference: Yan-Wei Song, Yu-Jie Liu, Qian-Feng Zhang (2006)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**22,**1227

Formula: $(C_{40}\ H_{32}\ Cu_4\ I_4\ N_8)n$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-iodo)-tetra-copper)

Space Group:	C2/c	***Cell:***	***a***	41.095(8)	***b*** 14.524(3)	***c***	14.157(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.63(3)	γ	90.00

R-Factor (%): 6.17 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 2.314



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1912

QAGTIB04

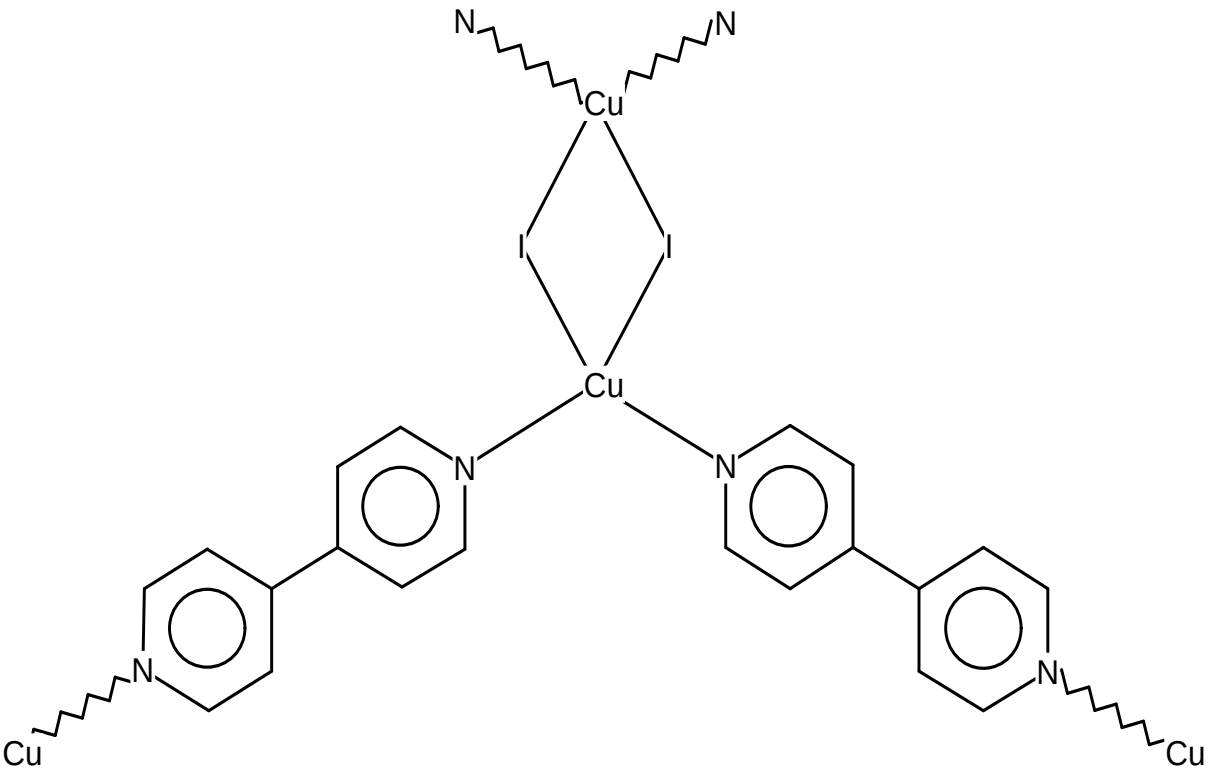
Reference: Yan-Wei Song, Yu-Jie Liu, Qian-Feng Zhang (2006)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**22,**1227

Formula: $(C_{20}\ H_{16}\ Cu_2\ I_2\ N_4)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-iodo)-di-copper)

Space Group:	I41/acd	***Cell:***	***a***	14.750(2)	***b***	14.750(2)	***c***	38.597(8)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.92 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 2.193



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1913

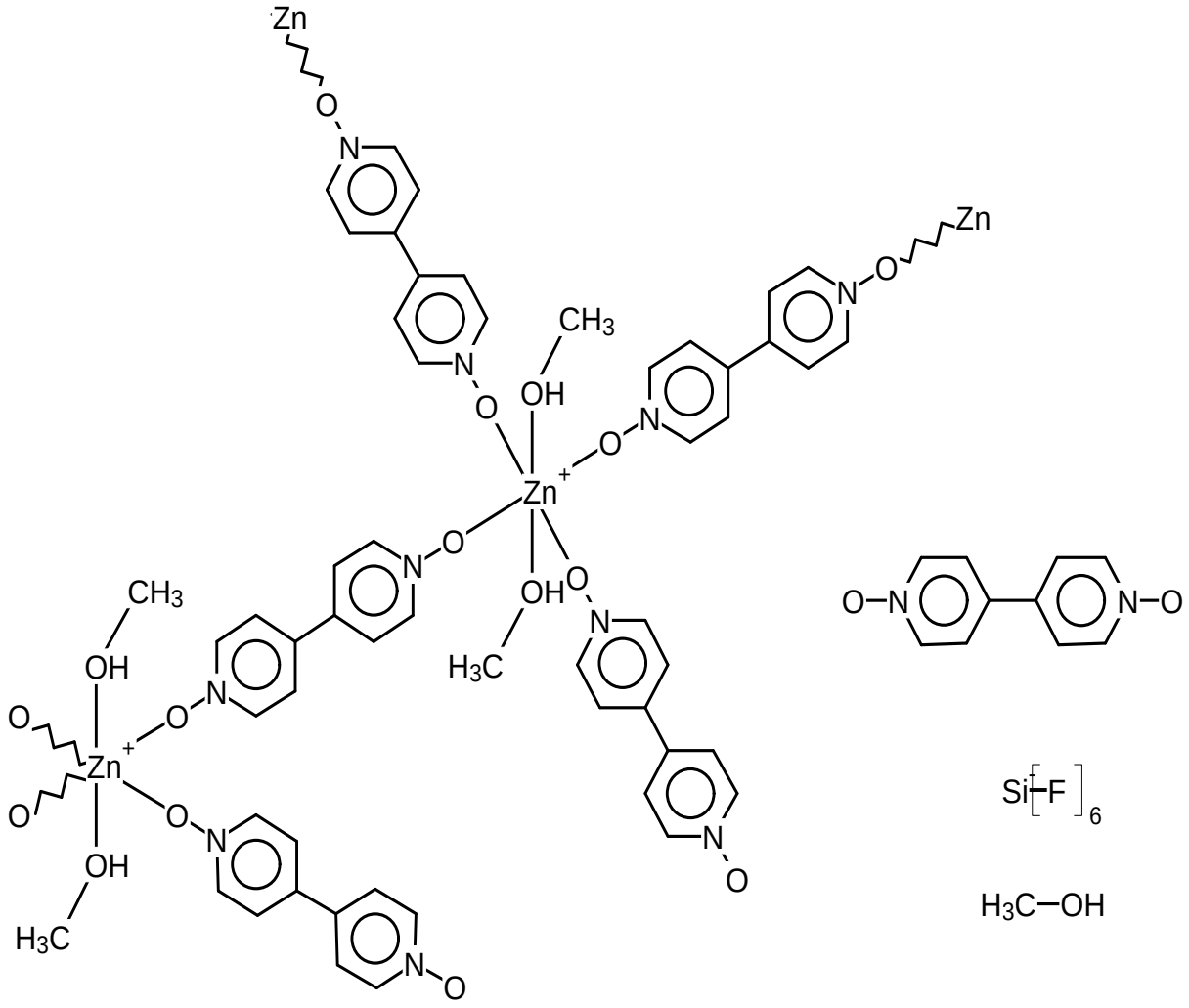
QAKDOV

Reference: D.-L.Long, A.J.Blake, N.R.Champness, M.Schroder (2000) *Chem.Commun.* ,2273

Formula: $(C_{54}\ H_{56}\ N_{10}\ O_{14}\ Zn_2\ ^{2+})n,n(C_{10}\ H_8\ N_2\ O_2),2n(F_6\ Si_1\ ^{1-}),6n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine N,N'-dioxide-O,O')-bis(4,4'-bipyridine N, N'-dioxide-O)-tetramethanol-di-zinc(ii) 4,4'-bipyridine N,N'-dioxide hexafluorosilicate methanol solvate)

Space Group:	P21/c	***Cell:***	***a***	10.174(3)	***b***	28.313(5)	***c***	13.865(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.06(3)	γ	90.00
R-Factor (%):	8.30	***Temperature(K):***	150		***Density(g/cm^3):***		1.551	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1914

QAKDUB

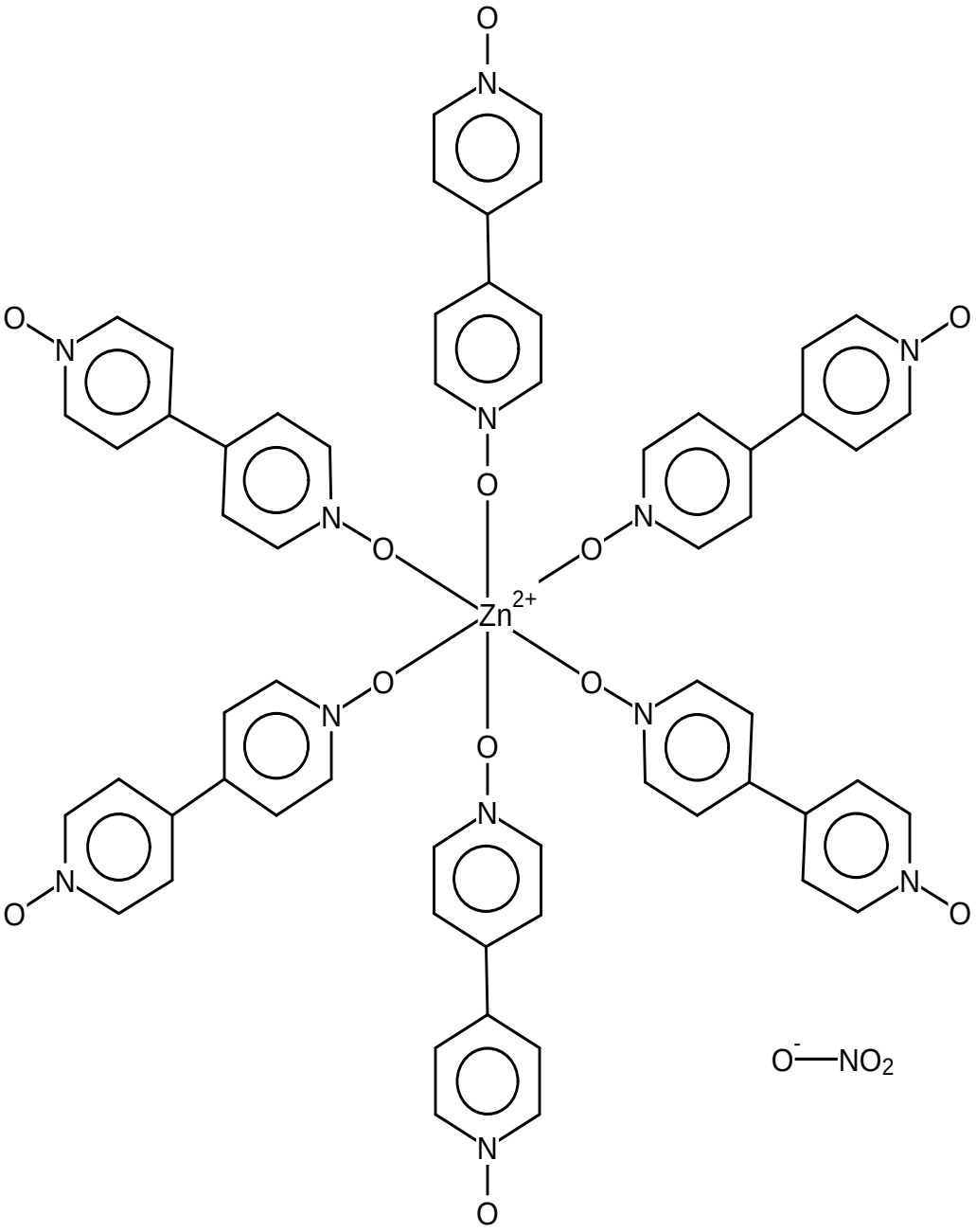
Reference: D.-L.Long, A.J.Blake, N.R.Champness, M.Schroder (2000) *Chem.Commun.* ,2273

Formula: $C_{60}\ H_{48}\ N_{12}\ O_{12}\ Zn_1\ ^{2+},2(N_1\ O_3\ ^{1-})$

Compound Name: hexakis(4,4'-Bipyridine N,N'-dioxide-O)-zinc(ii) dinitrate

Space Group:	P-1	***Cell:***	***a*** 8.820(0)	***b*** 11.681(1)	***c*** 14.006(2)
Space Group No.:	2	***(Å,°)***	α 104.59(0)	β 96.27(0)	γ 99.08(0)

R-Factor (%):	6.90	***Temperature(K):***	150	***Density(g/cm^3):***	1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1915

QAKFOX

Reference: Yuegang Zhang, C.D.Kim, P.Coppens (2000)
Chem.Commun. ,2299

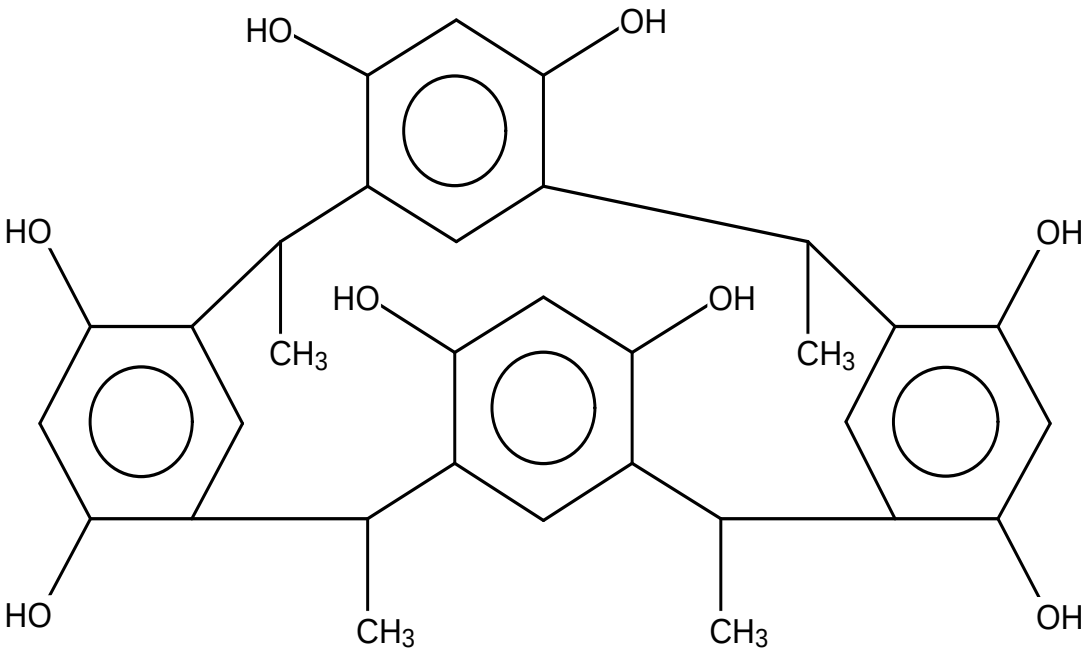
Formula: $C_{32}\ H_{32}\ O_8$,0.5($C_{20}\ H_{30}\ Ru_1$),2($C_{10}\ H_8\ N_2$),$C_2\ H_6\ O_1$,$H_2\ O_1$

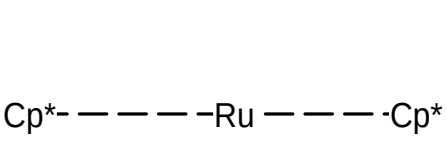
Compound Name: bis(2,8,14,20-Tetramethyl-4,6,10,12,16,18,22,24-octahydroxycalix(4) arene) tetrakis(2,2'-bipyridine) decamethylruthenocene clathrate ethanol solvate monohydrate

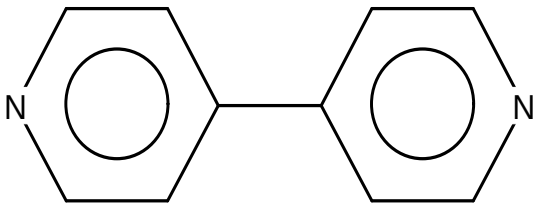
Synonym: bis(C-Methylcalix(4)resorcinarene) tetrakis(2,2'-bipyridine) decamethylruthenocene clathrate ethanol solvate monohydrate

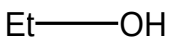
Space Group:	P-1	***Cell:***	***a***	12.588(0)	***b*** 13.502(0)	***c***	17.500(0)
Space Group No.:	2	***(Å,°)***	α	96.07(0)	β 108.92(0)	γ	96.70(0)

R-Factor (%): 6.53 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.331









H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1916

QAKVEE

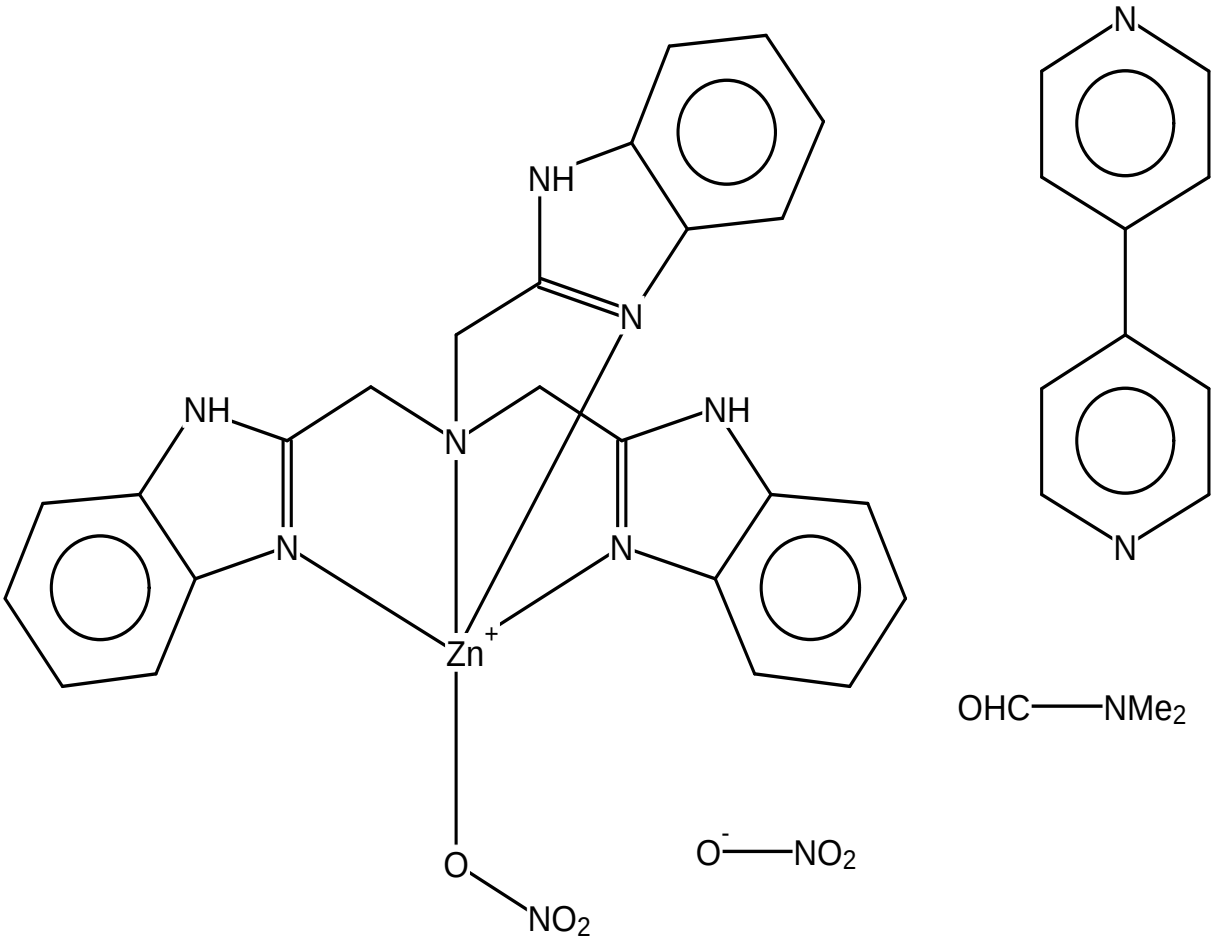
Reference: Yun Sun, Ru Zhao, Yu-xin Yin, Yan Ma, Xiao-lan Liu
(2003)
Tianjin Shif.Dax.Xue.Zir.Kex.(Chin.)(J.Tianjin Normal Univ.(Nat.Sci.Ed.)) , **23,**4-3

Formula: $C_{24}\ H_{21}\ N_8\ O_3\ Zn_1\ ^{1+},N_1\ O_3\ ^{1-},C_{10}\ H_8\ N_2,C_3\ H_7\ N_1\ O_1$

Compound Name: (tris(Benzimidazol-2-ylmethyl)amine-N,N',N'',N''')-(nitrato-O)-zinc(ii) nitrate 4,4'-bipyridyl N,N-dimethylformamide solvate

Space Group:	P-1	***Cell:***	***a***	9.856(3)	***b***	12.655(4)	***c*** 15.965(5)
Space Group No.:	2	***(Å,°)***	α	81.71(0)	β	76.60(0)	γ 81.50(0)

R-Factor (%): 4.24 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.442



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1917

QALDOX

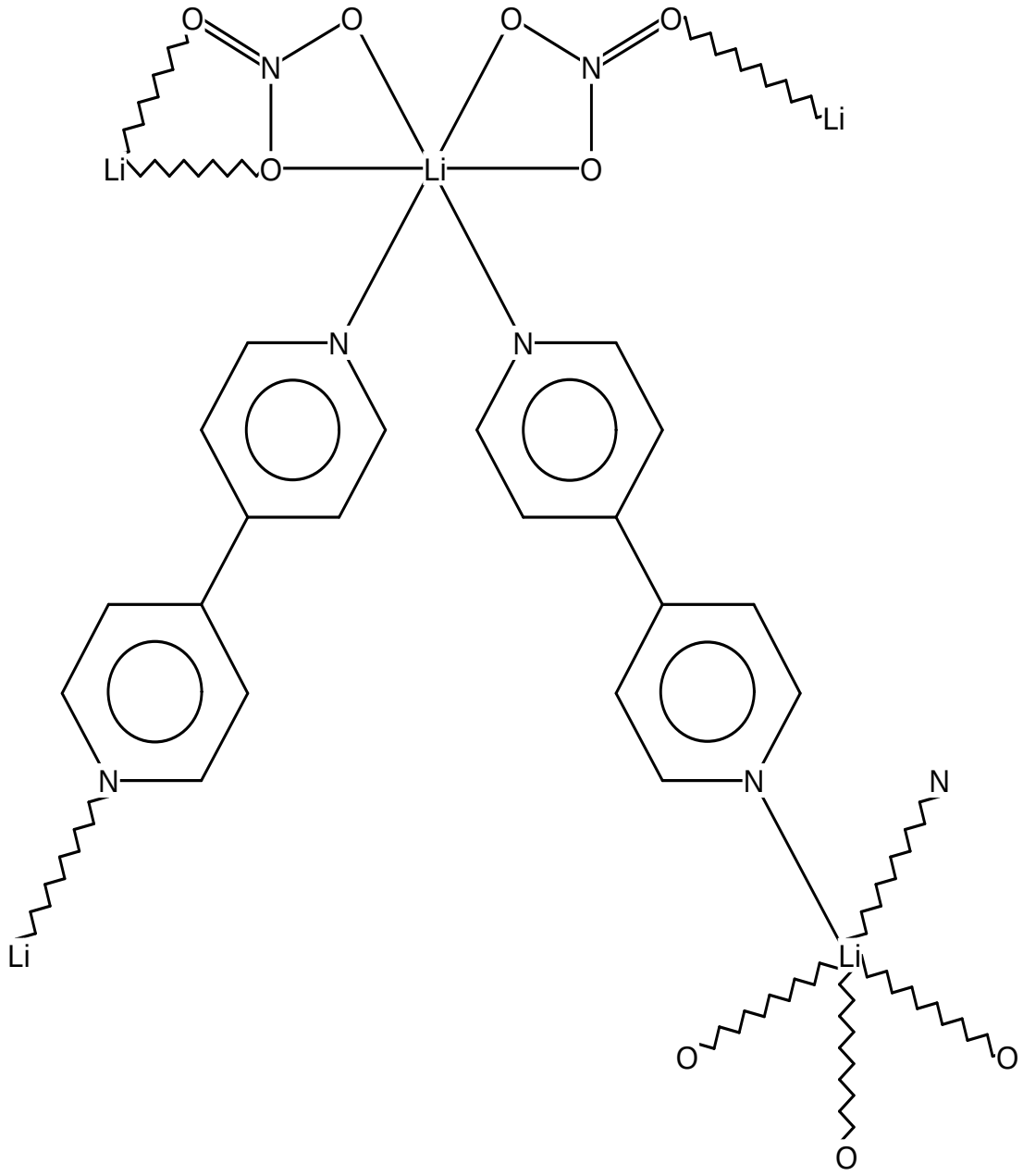
Reference: Xi Liu, Guo-Cong Guo, A-Qing Wu, Jin-Shun Huang (2004) *Inorg.Chem.Commun. ,***7,**1261

Formula: $(C_{20}\ H_{16}\ Li_2\ N_6\ O_6)n$

Compound Name: catena-((μ_2-Nitrato-O,O,O',O'')-(μ_2-nitrato-O,O',O'')-bis(μ_2-4,4'-bipyridyl-N,N')-di-lithium)

Space Group:	P21/n	***Cell:***	***a***	8.930(2)	***b*** 16.380(4)	***c***	14.960(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.65(0)	γ	90.00

R-Factor (%): 7.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.419



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1918

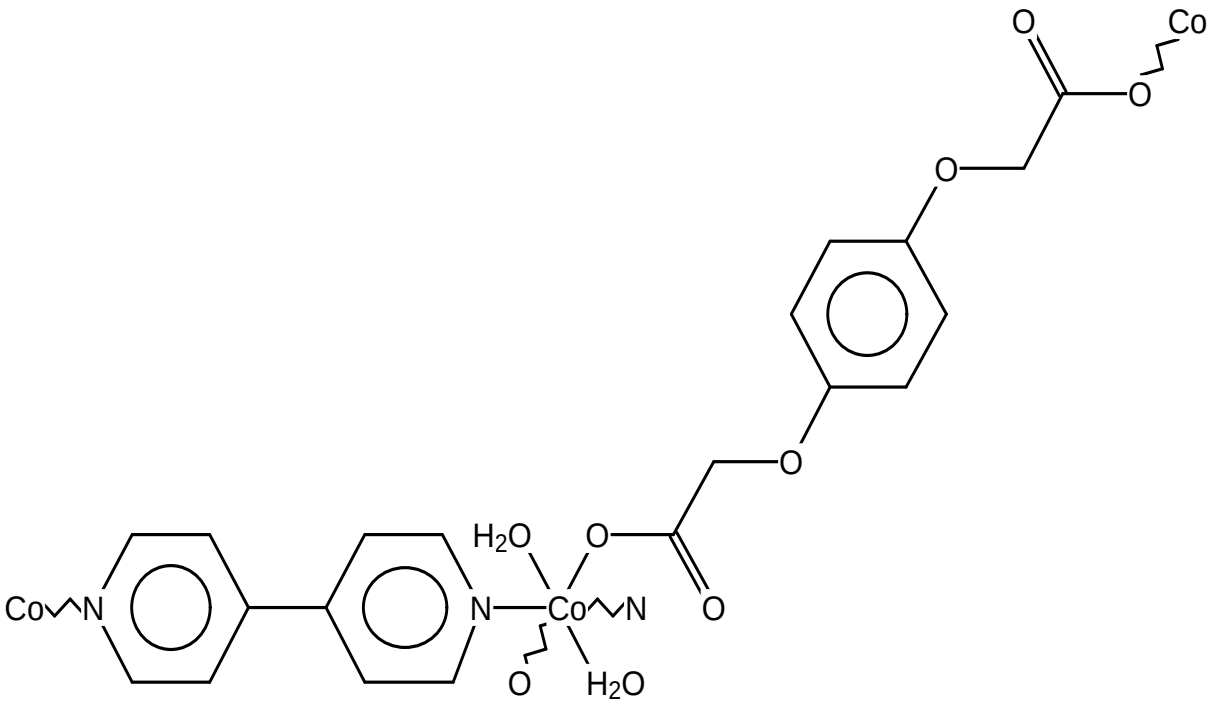
QANBAJ

Reference: Yu-Mei Dai, En Tang, Zhao-Ji Li, Yuan-Gen Yao (2005)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**61,**m61

Formula: $(C_{20}\ H_{20}\ Co_1\ N_2\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-p-phenylenebis(oxyacetato))-diaqua-cobalt(ii))

Space Group:	P-1	***Cell:***	***a*** 5.760(1)	***b*** 8.177(1)	***c*** 10.639(2)
Space Group No.:	2	***(Å,°)***	α 106.10(1)	β 96.91(1)	γ 97.40(1)
R-Factor (%):	7.23	***Temperature(K):***	293	***Density(g/cm^3):***	1.676



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1919

QAPLEY

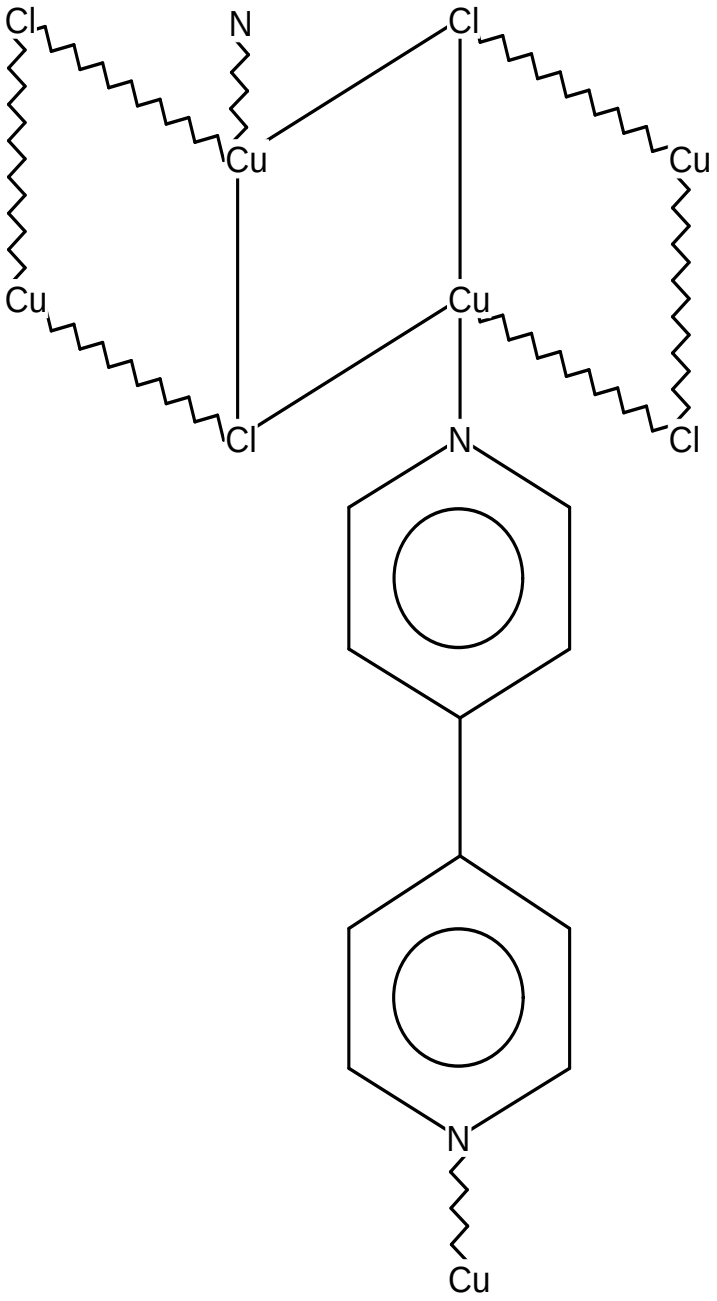
Reference: J.Y.Lu, B.R.Cabrera, Ru-Ji Wang, Jing Li (1999)
*Inorg.Chem. ,***38,**4608

Formula: $(C_{10}\ H_8\ Cl_2\ Cu_2\ N_2)n$

Compound Name: catena-(bis(μ_3-Chloro)-(μ_2-4,4'-bipyridine-N,N')-di-copper)

Space Group:	P21/c	***Cell:***	***a***	3.796(0)	***b***	12.748(0)	***c***	11.524(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.91(0)	γ	90.00

R-Factor (%): 4.69 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.117



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1920

QAPLEY01

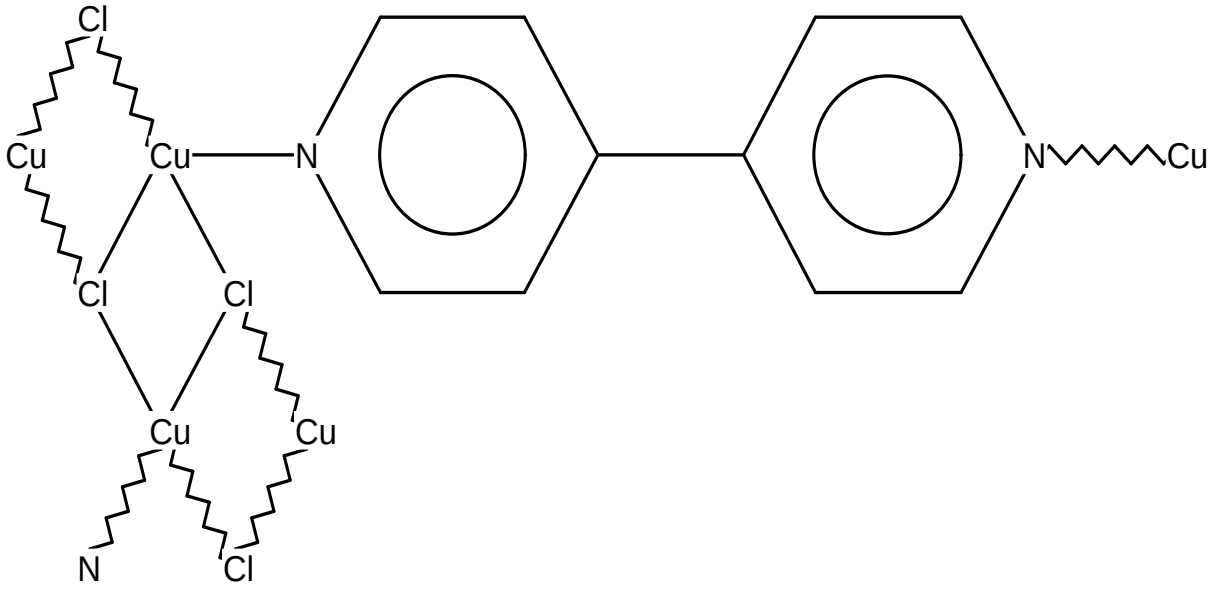
Reference: Chong-Bo Liu, Sheng-Shui Tan, Zi-Sheng Wu, Hui-Liang Wen (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,** m1496

Formula: $(C_{10}\ H_8\ Cl_2\ Cu_2\ N_2)n$

Compound Name: catena-(bis(μ_3-chloro)-(μ_2-4,4'-bipyridine)-di-copper(i))

Space Group:	P21/c	***Cell:***	***a***	3.785(1)	***b***	12.732(6)	***c***	11.505(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.75(0)	γ	90.00

R-Factor (%): 3.69 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.129



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1921

QAPLIC

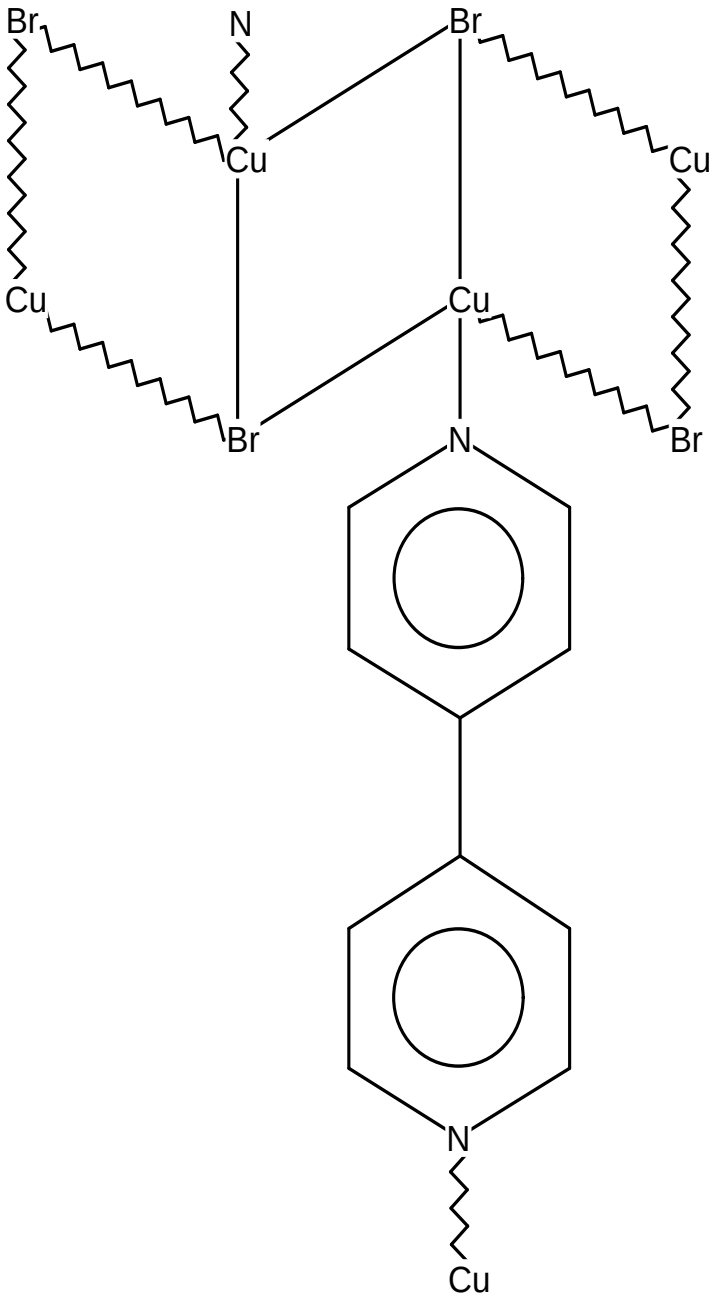
Reference: J.Y.Lu, B.R.Cabrera, Ru-Ji Wang, Jing Li (1999)
*Inorg.Chem. ,***38,**4608

Formula: $(C_{10}\ H_8\ Br_2\ Cu_2\ N_2)n$

Compound Name: catena-(bis(μ_3-Bromo)-(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	P21/c	***Cell:***	***a***	3.909(0)	***b***	12.752(3)	***c***	11.905(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.05(3)	γ	90.00

R-Factor (%): 2.97 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.486



Search: search1 (Thu May 26 10:05:42 2011): Hit 1922

QARSAD

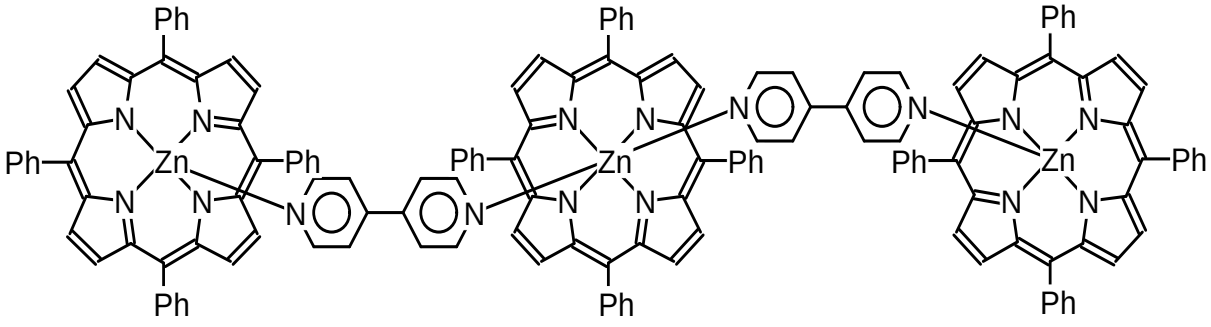
Reference: A.D.Shukla, P.C.Dave, E.Suresh, A.Das, P.Dastidar (2000) *J.Chem.Soc.,Dalton Trans.* ,4459

Formula: $C_{152}\ H_{100}\ N_{16}\ Zn_3$,6($C_7\ H_8$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-tris((5,10,15,20-tetraphenylporphyrinato)-zinc) toluene clathrate

Space Group:	P-1	***Cell:***	***a***	11.065(9)	***b***	13.425(5)	***c*** 28.068(11)
Space Group No.:	2	***(Å,°)***	α	96.60(3)	β	92.23(5)	γ 102.99(5)

R-Factor (%): 10.52 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.196



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1923

QARSEH

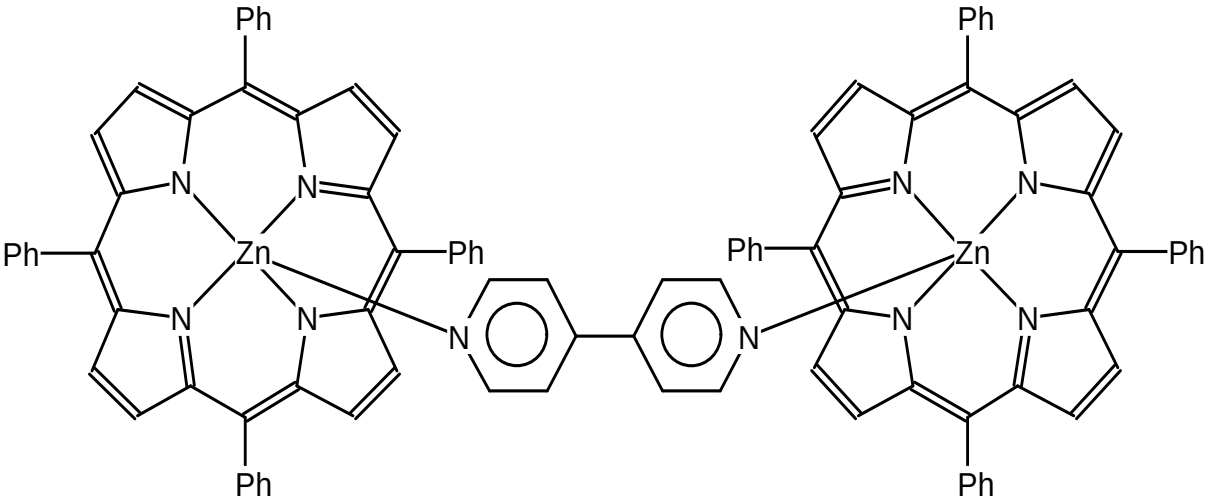
Reference: A.D.Shukla, P.C.Dave, E.Suresh, A.Das, P.Dastidar (2000) *J.Chem.Soc.,Dalton Trans.* ,4459

Formula: $C_{98}\ H_{64}\ N_{10}\ Zn_2,4(C_7\ H_8)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis((5,10,15,20-tetraphenylporphyrinato)-zinc) toluene clathrate

Space Group:	C2	***Cell:***	***a***	18.458(8)	***b***	13.614(4)	***c***	40.599(10)
Space Group No.:	5	***(Å,°)***	α	90.00	β	98.98(3)	γ	90.00

R-Factor (%): 7.49 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.240



$Ph—CH_3$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1924

QARSIL

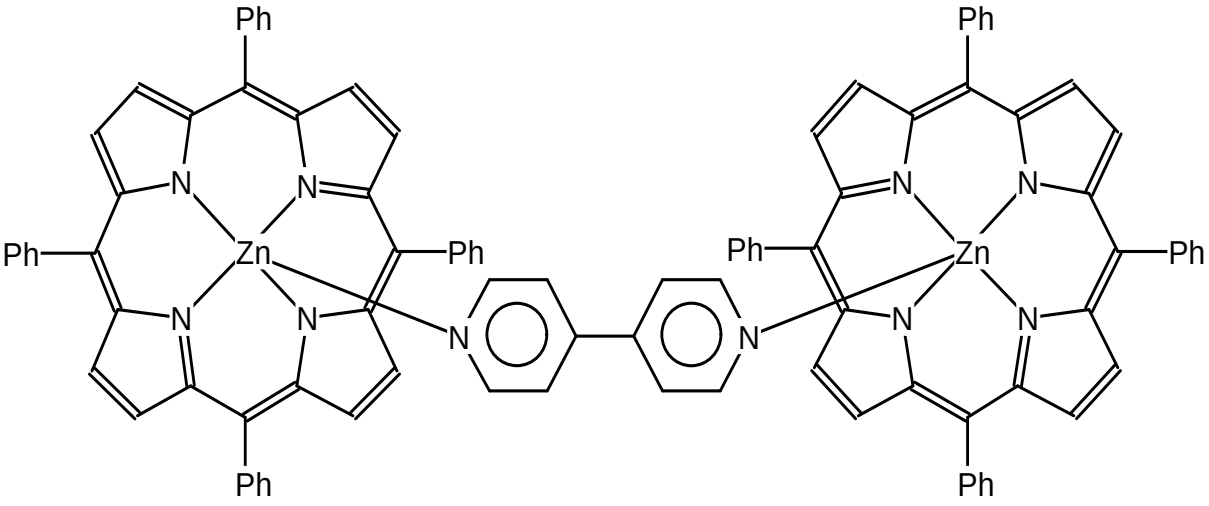
Reference: A.D.Shukla, P.C.Dave, E.Suresh, A.Das, P.Dastidar (2000) *J.Chem.Soc.,Dalton Trans.* ,4459

Formula: $C_{98}\ H_{64}\ N_{10}\ Zn_2$,4($C_6\ H_5\ N_1\ O_2$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis((5,10,15,20-tetraphenylporphyrinato)-zinc) nitrobenzene clathrate

Space Group:	C2	***Cell:***	***a***	18.520(30)	***b***	13.474(11)	***c***	40.290(11)
Space Group No.:	5	***(Å,°)***	α	90.00	β	99.76(6)	γ	90.00

R-Factor (%): 7.99 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.344



Ph—NO_2

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1925

QARSIL01

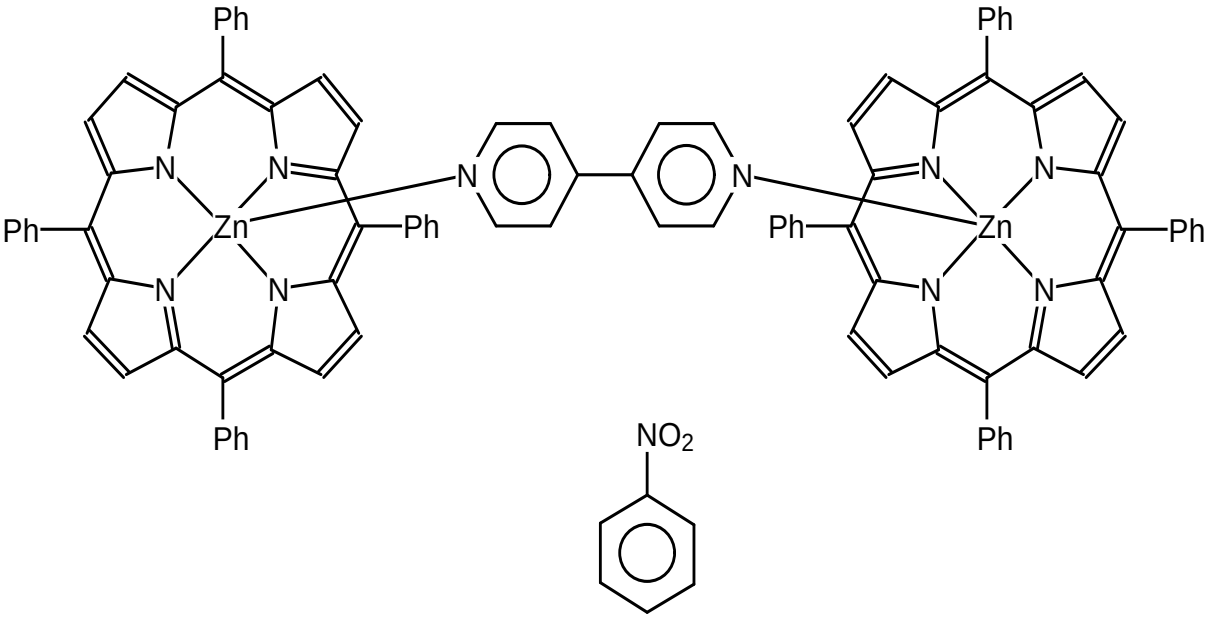
Reference: R.K.Kumar, Y.Diskin-Posner, I.Goldberg (2000)
*J.Inclusion Phenom.Macrocyclic Chem. ,***37,**219

Formula: $C_{98}\ H_{64}\ N_{10}\ Zn_2$,4($C_6\ H_5\ N_1\ O_2$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis((5,10,15,20-tetraphenylporphyrinato)-zinc) nitrobenzene clathrate

Space Group:	C2/c	***Cell:***	***a***	18.379(5)	***b***	13.517(2)	***c***	40.281(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.36(2)	γ	90.00

R-Factor (%): 8.36 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.349



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1926

QATCUJ

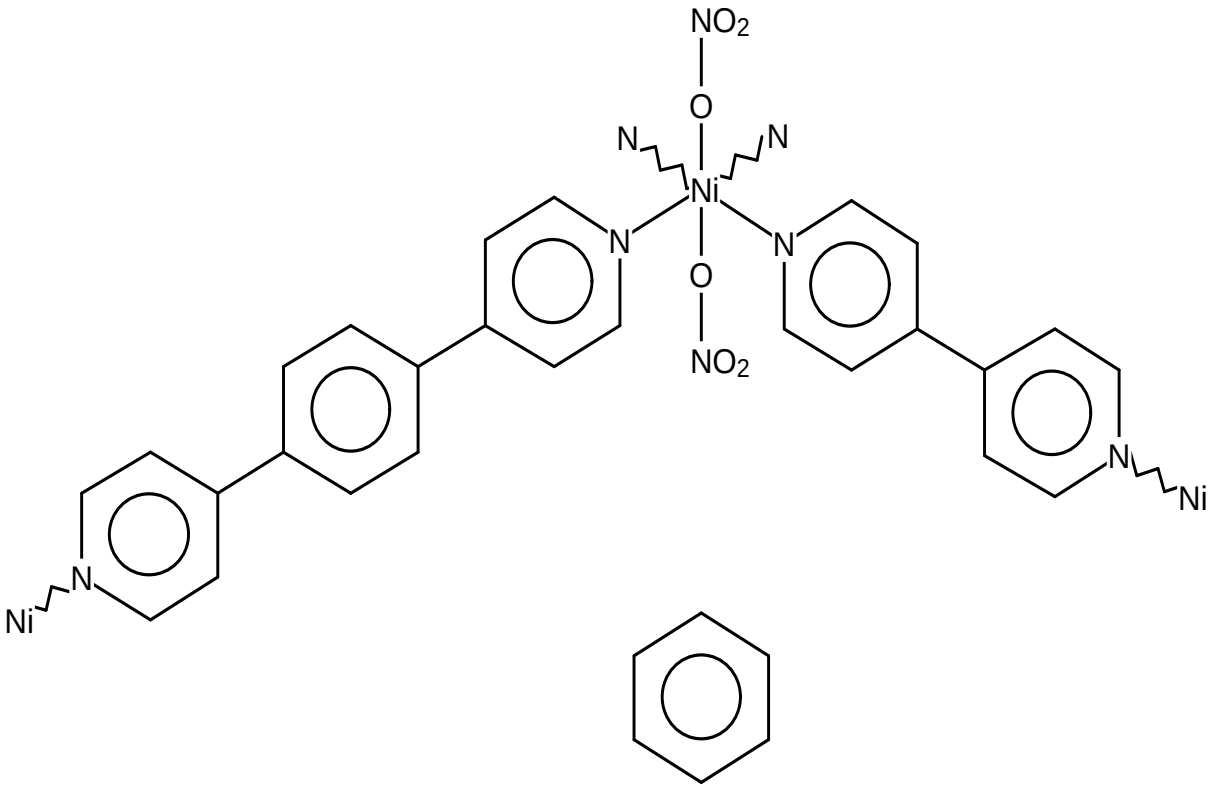
Reference: K.Biradha, M.Fujita (2001) *Chem.Commun.* ,15

Formula: $(C_{26}\ H_{20}\ N_6\ Ni_1\ O_6)n,6n(C_6\ H_6)$

Compound Name: catena-[(μ_2-1,4-bis(4-Pyridyl)benzene-N,N')-(μ_2-4,4'-bipyridine-N,N')-(dinitrato-O)-nickel benzene solvate]

Space Group:	C2/c	***Cell:***	***a***	16.123(1)	***b*** 11.341(1)	***c***	31.106(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.19(0)	γ	90.00

R-Factor (%): 6.23 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.253



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1927

QATDAQ

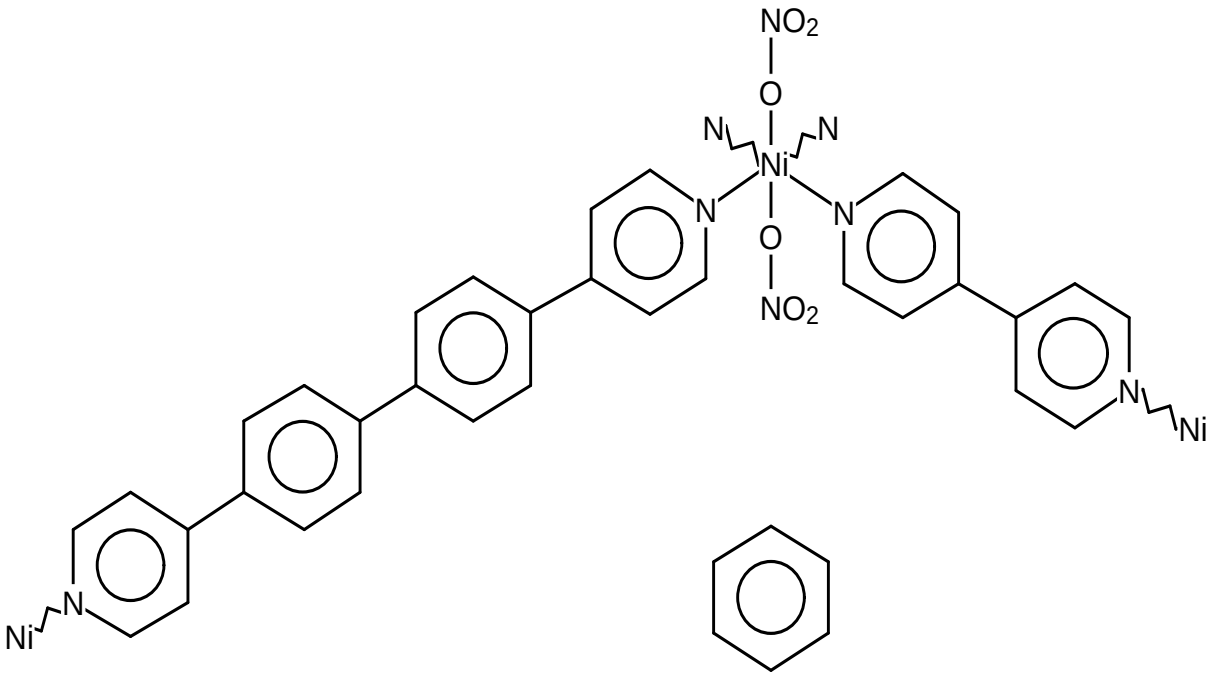
Reference: K.Biradha, M.Fujita (2001) *Chem.Commun.* ,15

Formula: $(C_{32}\ H_{24}\ N_6\ Ni_1\ O_6)n,8n(C_6\ H_6)$

Compound Name: catena-[(μ_2-4,4'-bis(4-Pyridyl)biphenyl-N,N')-(μ_2-4,4'-bipyridine-N,N')-(dinitrato-O)-nickel benzene solvate]

Space Group:	Pnna	***Cell:***	***a***	39.824(3)	***b***	15.584(0)	***c***	11.292(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.85 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.206



Search: search1 (Thu May 26 10:05:42 2011): Hit 1928

QAVREL

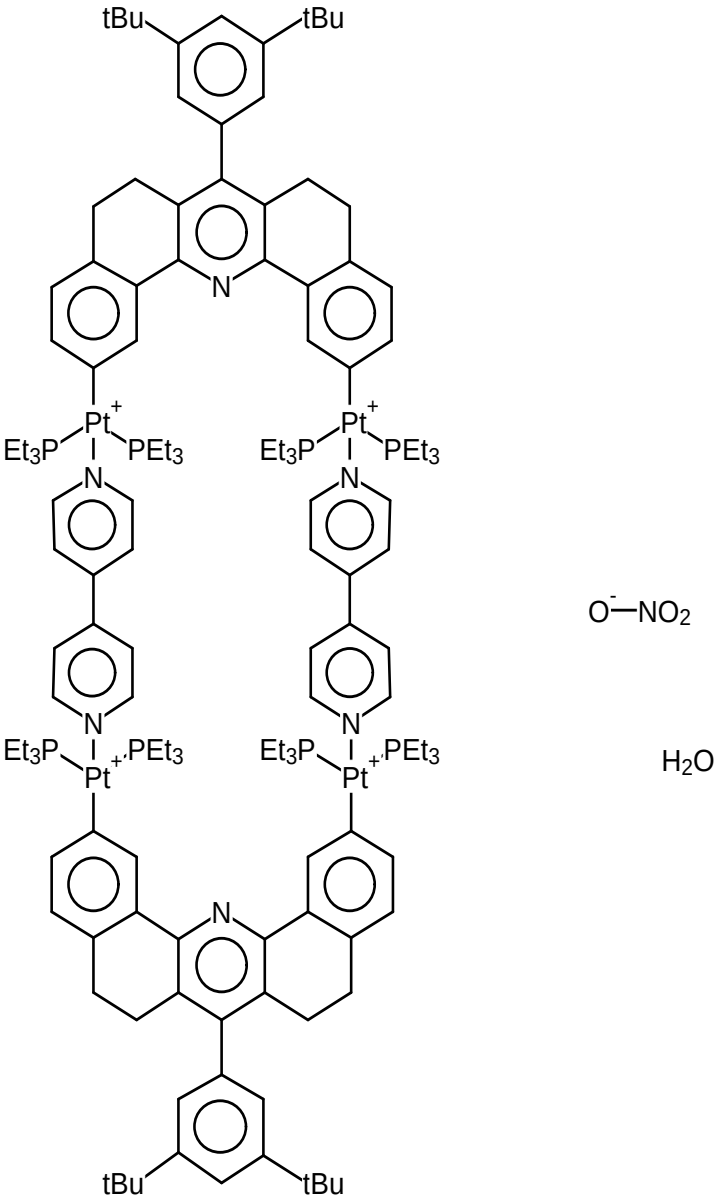
Reference: Duckhyun Kim, Jong Hyub Paek, Moo-Jin Jun, Jin Yong Lee, Sang Ook Kang, Jaejung Ko (2005) *Inorg.Chem. ,***44,** 7886

Formula: $C_{138}\ H_{206}\ N_6\ P_8\ Pt_4\ ^{4+},4(N_1\ O_3\ ^{1-}),12(H_2\ O_1)$

Compound Name: bis(μ$_2$-4,4'-Bipyridine)-bis(μ$_2$-7-(3,5-di-t-butylphenyl)-5,6,8,9-tetrahydrodibenzo[c,h]acridin-2,12-diyl)-octakis(triethylphosphine)-tetra-platinum tetranitrate dodecahydrate

Space Group:	P-1	***Cell:***	***a***	13.979(3)	***b***	17.444(3)	***c*** 18.672(3)
Space Group No.:	2	***(Å,°)***	α	73.18(0)	β	72.00(0)	γ 80.58(0)

R-Factor (%): 7.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.383



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1929

QAWPIO

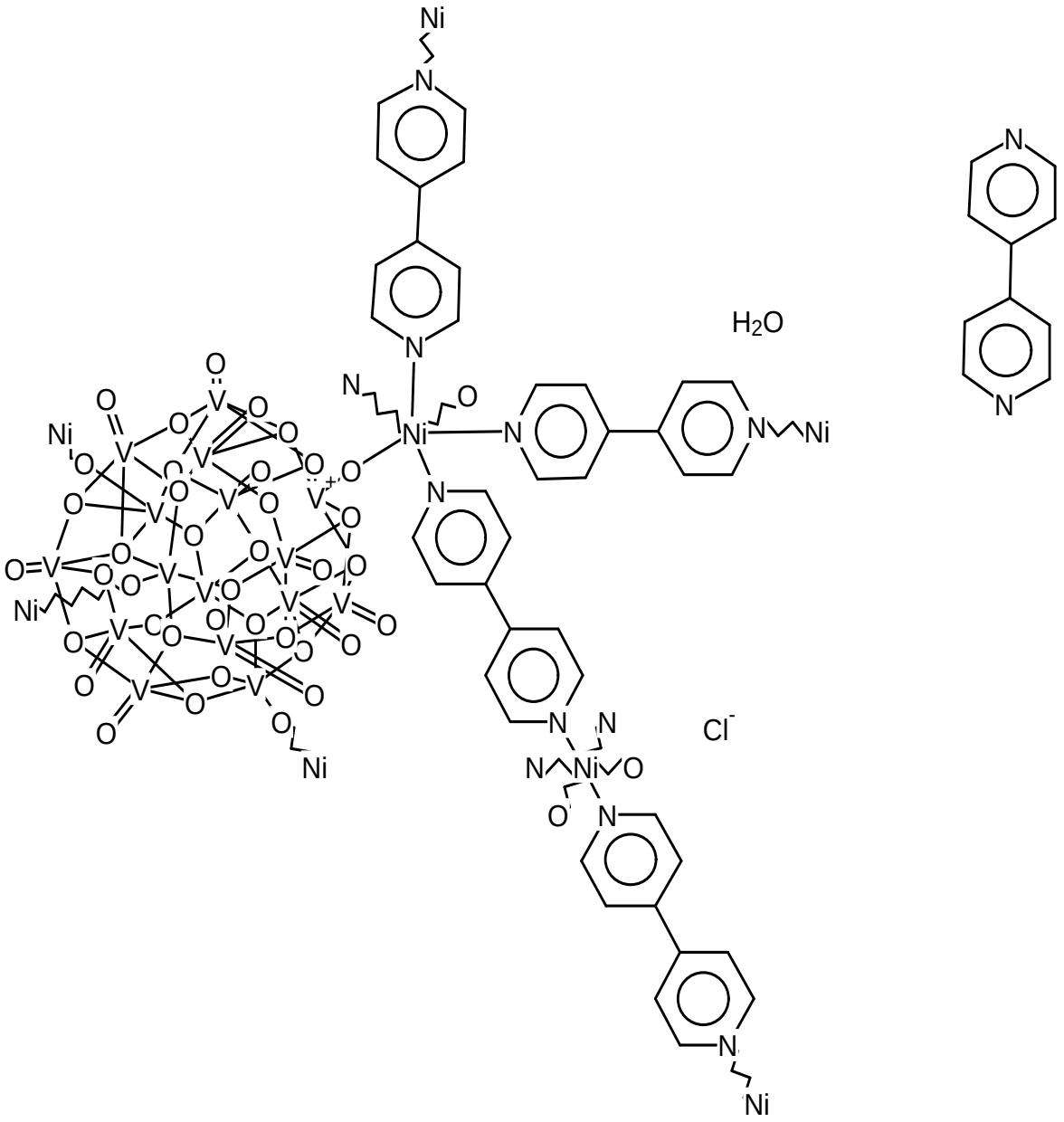
Reference: Shuxia Liu, Linhua Xie, Bo Gao, Chundan Zhang, Chunyan Sun, Dehui Li, Zhongmin Su (2005) *Chem.Commun.* ,5023

Formula: $(C_{40}\ H_{32}\ N_8\ Ni_2\ O_{38}\ V_{16}\ ^{1+})n,n(Cl_1\ ^{1-}),n(C_{10}\ H_8\ N_2),6n(H_2\ O_1)$

Compound Name: catena-((μ_4-tricosaoctaoxo-hepta-vanadium(iv)-nona-vanadium(v))-tetrakis(μ_2-4,4-bipyridyl)-di-nickel chloride 4,4-bipyridyl clathrate hexahydrate)

Space Group:	P-4n2	***Cell:***	***a***	17.074(2)	***b***	17.074(2)	***c***	14.606(3)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.923



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1930

QAWREM

Reference: Chong-Bo Liu, Xiang-Jun Zheng, You-You Yang, Lin-Pei Jin (2005) *Inorg.Chem.Commun.* ,**8,**1045

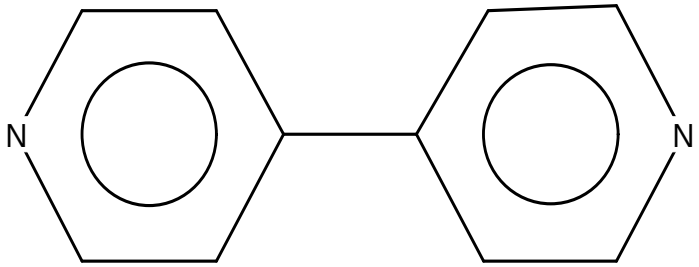
Formula: $(C_{48}\ H_{38}\ Eu_4\ N_6\ O_{28})n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-2-Aminoterephthalato)-bis(μ_4-2-aminoterephthalato)-bis(μ_2-2-aminoterephthalato)-tetraaqua-tetra-europium(iii) 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.526(0)	***b*** 11.327(1)	***c*** 14.388(1)
Space Group No.:	2	***(Å,°)***	α 111.37(0)	β 107.86(0)	γ 91.37(0)

R-Factor (%): 2.56 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.152

n-$Eu_4[\mu_5\text{-}C_8H_5NO_4]_2$--
--$[\mu_4\text{-}C_8H_5NO_4\text{-}\kappa^4O,O',O'',O''']_2$--
--$[\mu_2\text{-}C_8H_5NO_4\text{-}\kappa^4O,O',O'',O''']_2[H_2O]_4$



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1931

QAWRIQ

Reference: Chong-Bo Liu, Xiang-Jun Zheng, You-You Yang, Lin-Pei Jin (2005) *Inorg.Chem.Commun.* ,**8,**1045

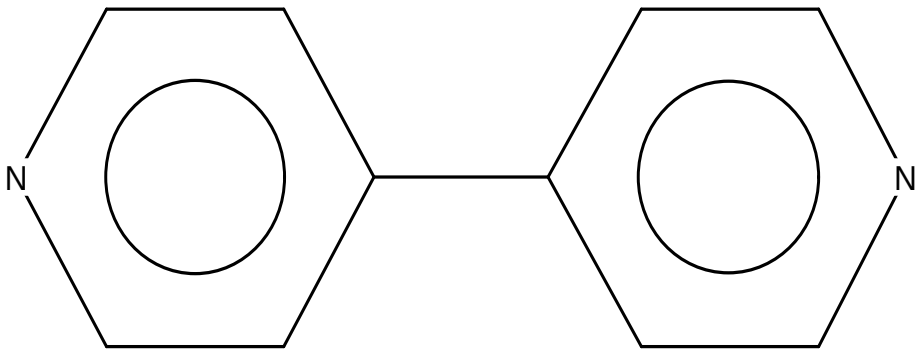
Formula: $(C_{48}\ H_{38}\ Gd_4\ N_6\ O_{28})n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-2-Aminoterephthalato)-bis(μ_4-2-aminoterephthalato)-bis(μ_2-2-aminoterephthalato)-tetraaqua-tetra-gadolinium(iii) 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.524(3)	***b*** 11.307(3)	***c*** 14.316(4)
Space Group No.:	2	***(Å,°)***	α 111.19(0)	β 107.83(0)	γ 91.58(0)

R-Factor (%): 4.09 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.188

n-$Gd_4[\mu_5$-$C_8H_5NO_4]_2$--
--$[\mu_4$-$C_8H_5NO_4$-κ^4O,O',O'',O'''$]_2$--
--$[\mu_2$-$C_8H_5NO_4$-κ^4O,O',O'',O'''$]_2[H_2O]_4$



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1932

QAWROW

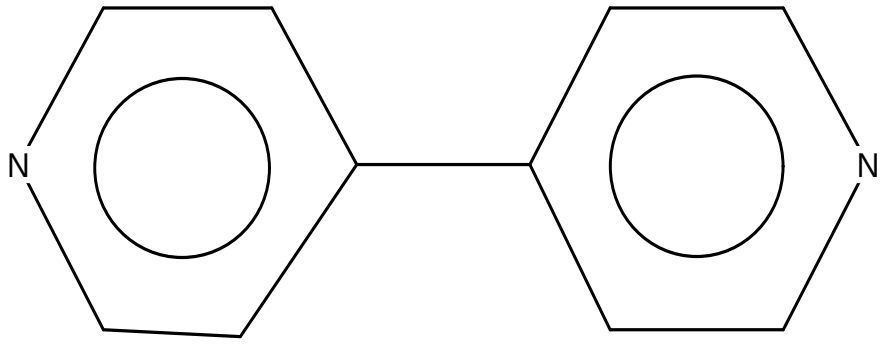
Reference: Chong-Bo Liu, Xiang-Jun Zheng, You-You Yang, Lin-Pei Jin (2005) *Inorg.Chem.Commun.* ,**8,**1045

Formula: $(C_{48}\ H_{38}\ N_6\ O_{28}\ Yb_4)n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-2-Aminoterephthalato)-bis(μ_4-2-aminoterephthalato)-bis(μ_2-2-aminoterephthalato)-tetraaqua-tetra-ytterbium(iii) 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.485(0)	***b*** 11.153(0)	***c*** 14.250(0)
Space Group No.:	2	***(Å,°)***	α 111.52(0)	β 107.29(0)	γ 91.52(0)
R-Factor (%):	2.39	***Temperature(K):***	273	***Density(g/cm^3):***	2.306

n-$Yb_4[\mu_5\text{-}C_8H_5NO_4]_2$--
--$[\mu_4\text{-}C_8H_5NO_4\text{-}\kappa^4O,O',O'',O''']_2$--
--$[\mu_2\text{-}C_8H_5NO_4\text{-}\kappa^4O,O',O'',O''']_2[H_2O]_4$



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1933

QAXLUX

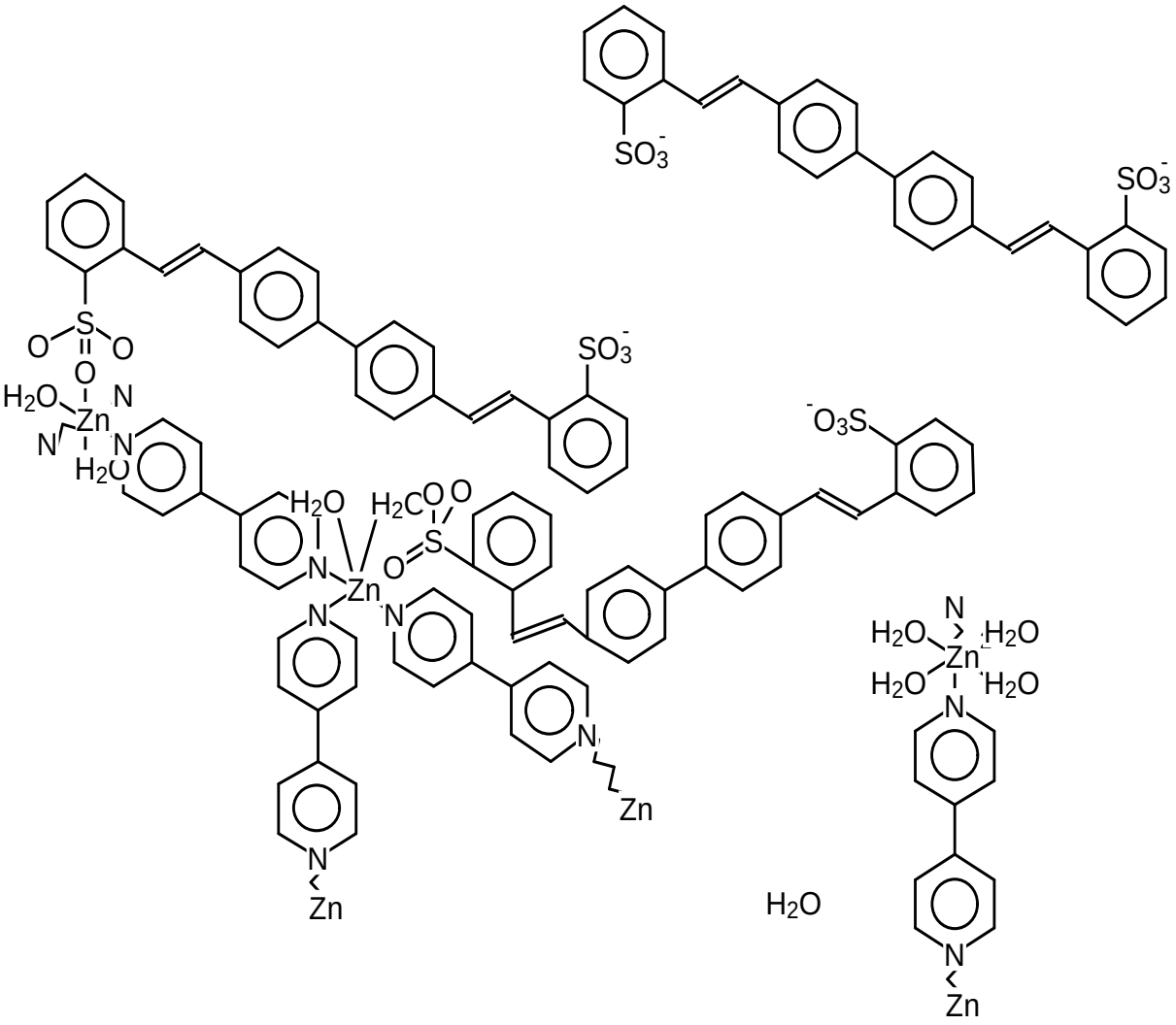
Reference: Ruibiao Fu, Shengchang Xiang, Shengmin Hu, Longsheng Wang, Yaming Li, Xihe Huang, Xintao Wu (2005) *Chem.Commun.* ,5292

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_{28}\ H_{20}\ O_6\ S_2\ ^{2-}),n(C_{86}\ H_{72}\ N_6\ O_{16}\ S_4\ Zn_2),6n(H_2\ O_1)$

Compound Name: catena-[tris(μ_2-4,4'-Bipyridyl)-bis(4,4'-bis(2-sulfonatostyryl)biphenyl)-tetraaqua-di-zinc (μ_2-4,4'-bipyridyl)-tetraaqua-zinc (4,4'-bis(2-sulfonatostyryl)biphenyl) hexahydrate]

Space Group:	P-1	***Cell:***	***a*** 11.334(1)	***b*** 17.332(3)	***c*** 17.721(3)
Space Group No.:	2	***(Å,°)***	α 110.91(0)	β 99.28(0)	γ 107.21(0)

R-Factor (%): 7.91 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.469



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1934

QEBJOW

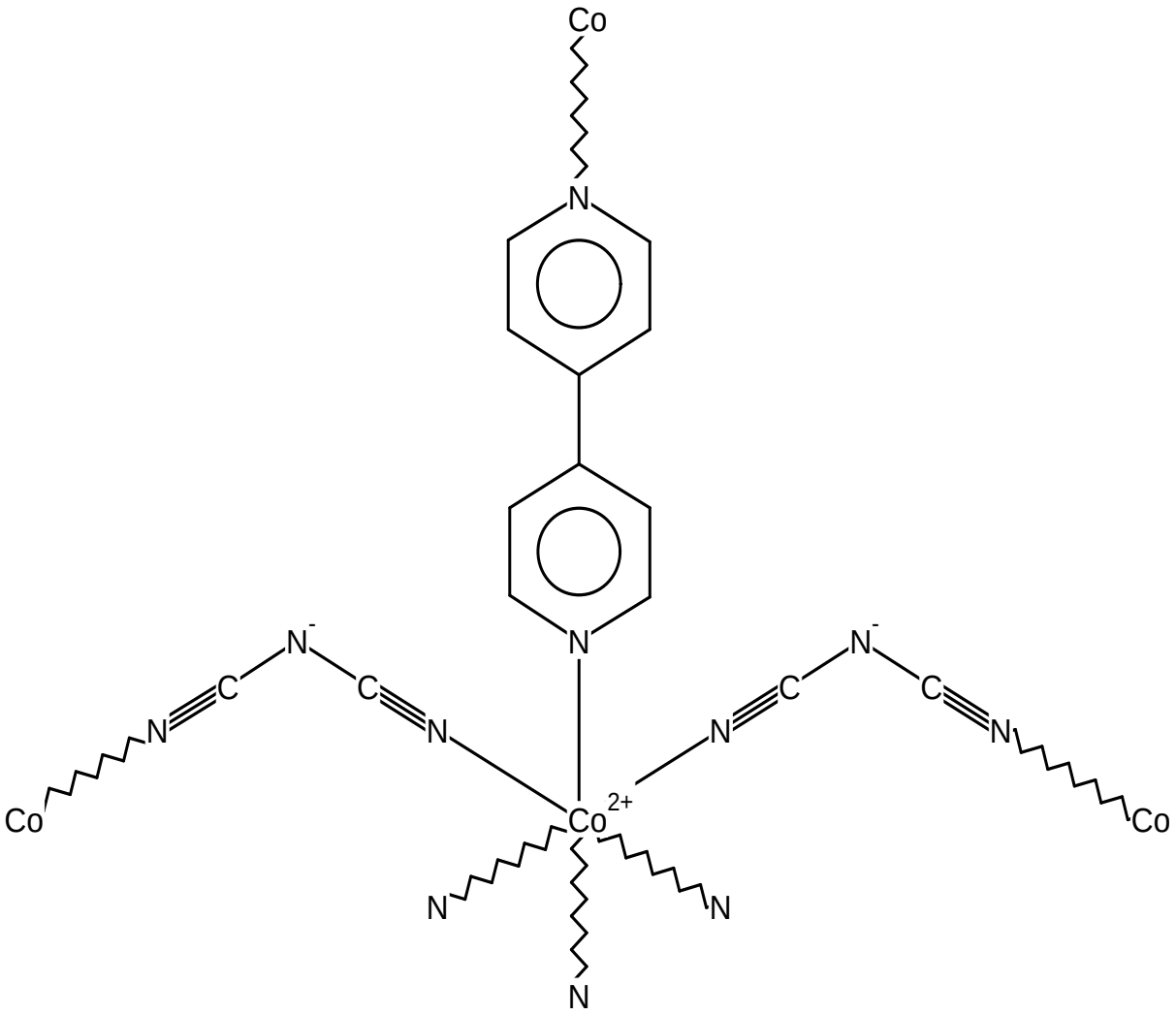
Reference: Bai-Wang Sun, Song Gao, Bao-Qing Ma, Zhe-Ming Wang (2000) *New J.Chem.* ,**24,**953

Formula: $(C_{14}\ H_8\ Co_1\ N_8)n$

Compound Name: catena-(bis(μ_2-Dicyanamide)-(μ_2-4,4'-bipyridine)-cobalt(ii))

Space Group:	Pnma	***Cell:***	***a***	16.922(0)	***b***	11.425(0)	***c*** 8.615(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.72 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.385



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1935

QEBJOW01

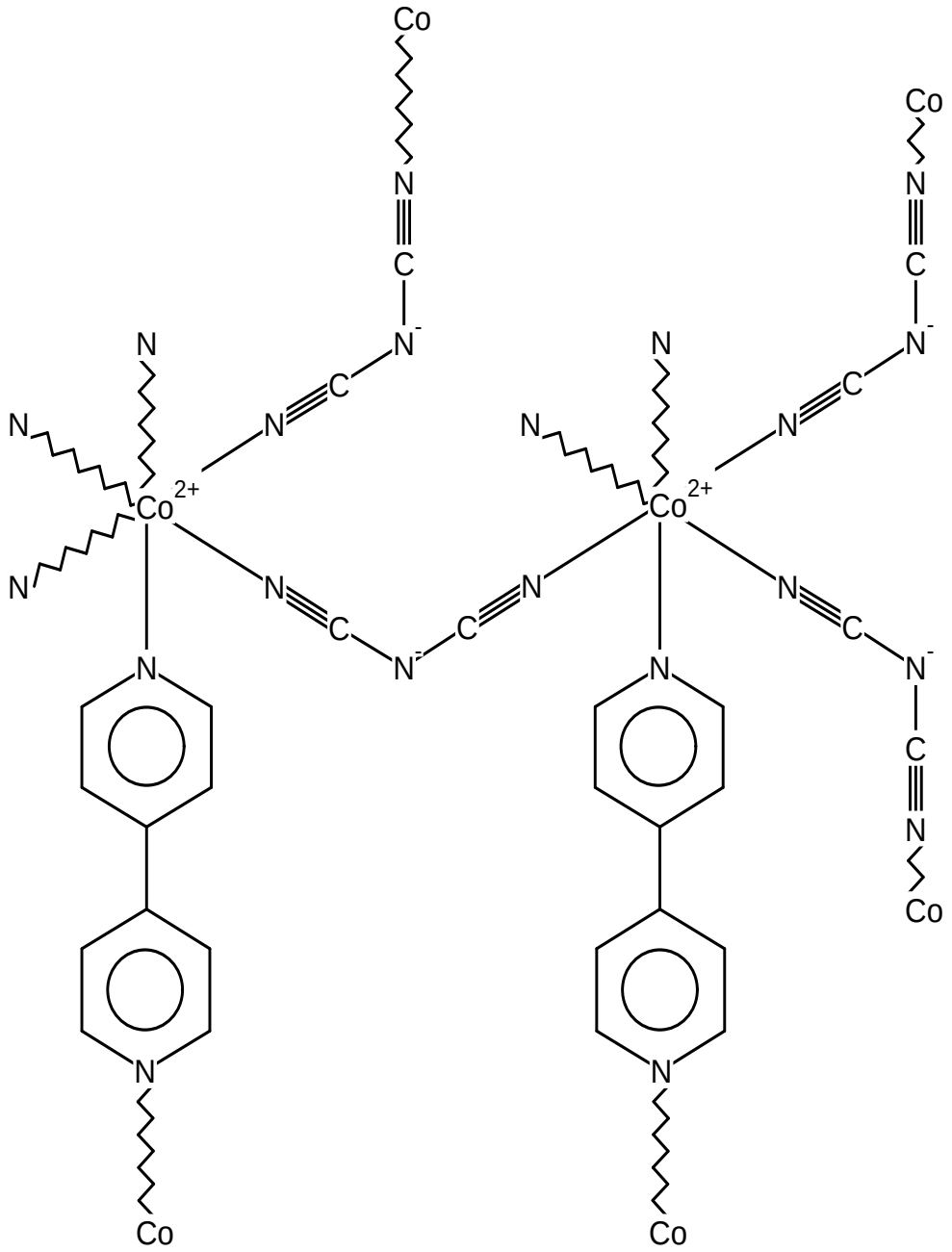
Reference: P.Jensen, S.R.Batten, B.Moubaraki, K.S.Murray (2002) *J.Chem.Soc.,Dalton Trans.* ,3712

Formula: $(C_{28}\ H_{16}\ Co_2\ N_{16})n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-bis(μ$_2$-dicyanamido)-cobalt(ii)))

Space Group:	Pn	***Cell:***	***a***	8.582(0)	***b***	16.769(0)	***c***	11.409(0)
Space Group No.:	7	***(Å,°)***	α	90.00	β	90.07(0)	γ	90.00

R-Factor (%):	6.06	***Temperature(K):***	123	***Density(g/cm^3):***	1.405



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1936

QECWAW

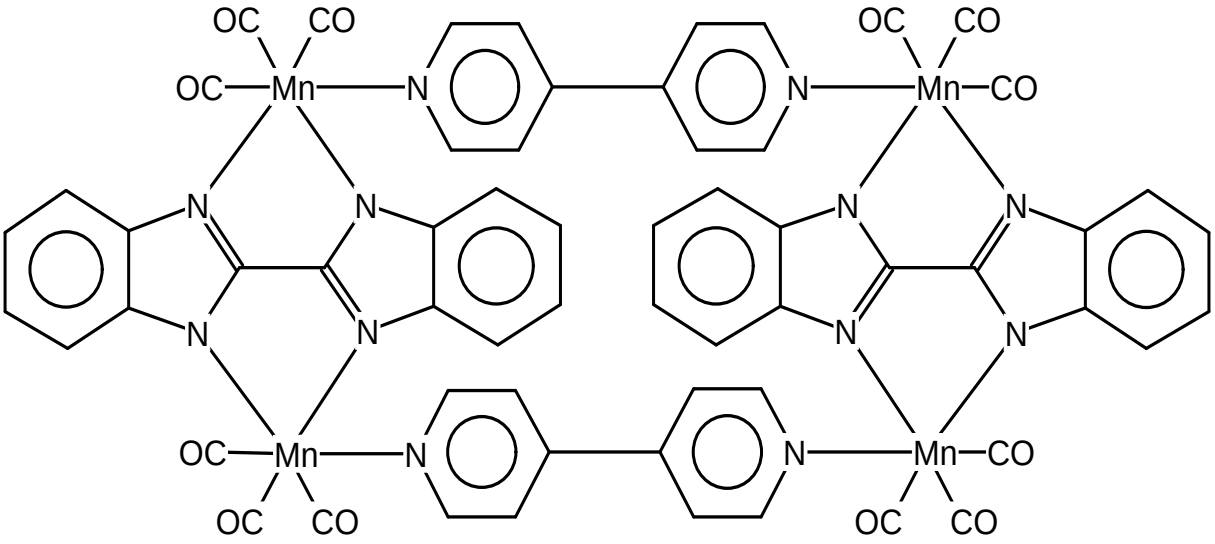
Reference: K.D.Benkstein, J.T.Hupp, C.L.Stern (2000)
Angew.Chem.,Int.Ed. ,**39,**2891

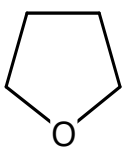
Formula: $C_{60}\ H_{32}\ Mn_4\ N_{12}\ O_{12}$,4($C_4\ H_8\ O_1$),1.5($C_6\ H_{14}$)

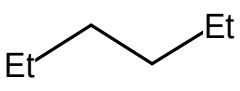
Compound Name: bis((μ_2-4,4'-Bipyridine)-(μ_2-2,2'-bi(benzimidazolyl))-bis(tricarbonyl-manganese)) tetrahydrofuran n-hexane solvate

Space Group:	P21/c	***Cell:***	***a***	16.501(1)	***b*** 20.195(1)	***c***	13.587(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.86(0)	γ	90.00

R-Factor (%): 5.90 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.317







Search: search1 (Thu May 26 10:05:42 2011): Hit 1937

QEDLAM

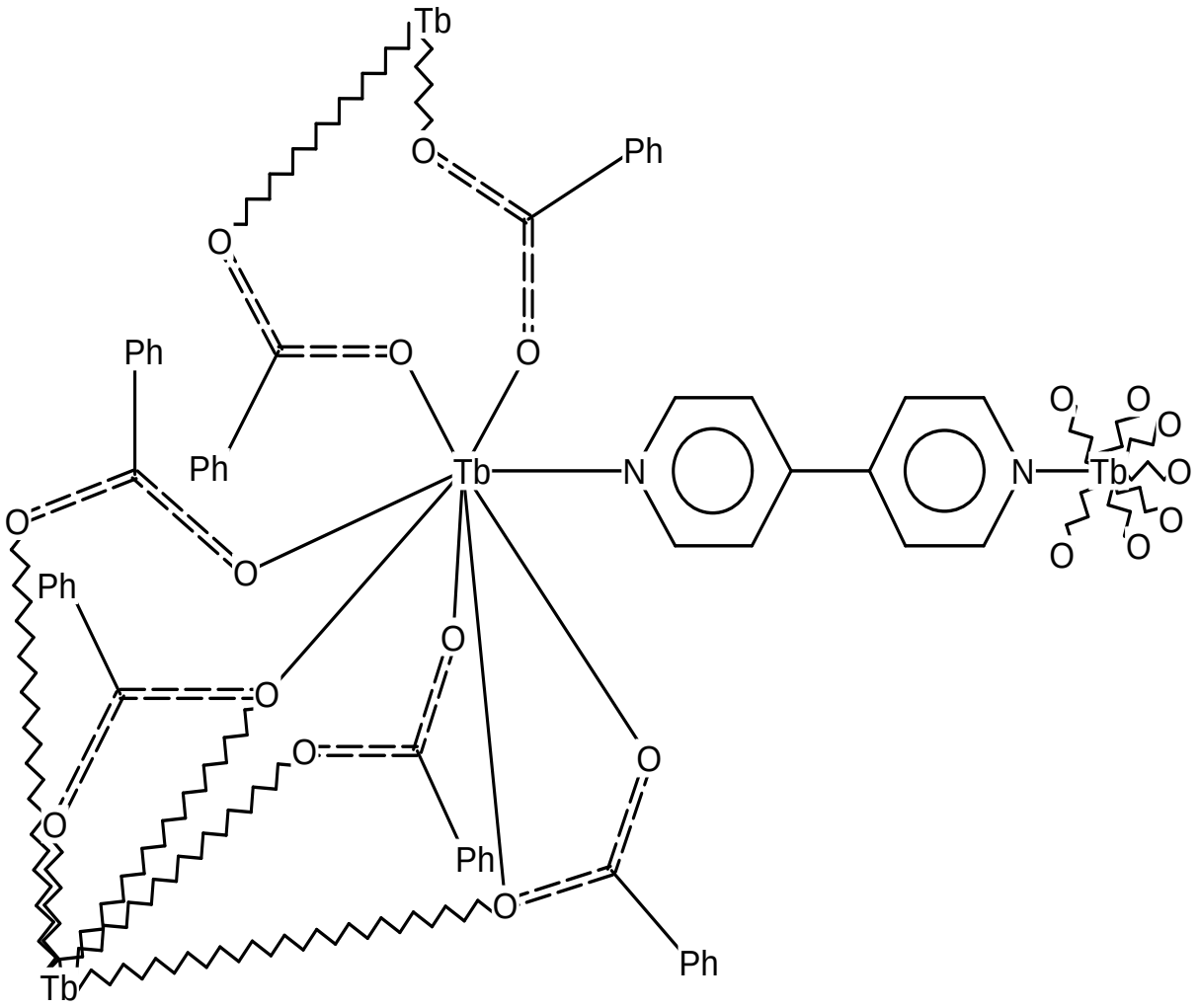
Reference: C.Seward, Nan-Xing Hu, Suning Wang (2001)
J.Chem.Soc.,Dalton Trans. ,134

Formula: $(C_{52}\ H_{38}\ N_2\ O_{12}\ Tb_2)n$

Compound Name: catena-(tetrakis(μ_2-Benzoato-O,O')-bis(μ_2-benzoato-O,O,O')-(μ_2-4,4'-bipyridyl)-di-terbium(iii))

Space Group:	C2/c	***Cell:***	***a***	16.210(1)	***b*** 17.771(1)	***c***	17.621(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.25(0)	γ	90.00

R-Factor (%): 3.56 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.654



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1938

QEGPEX

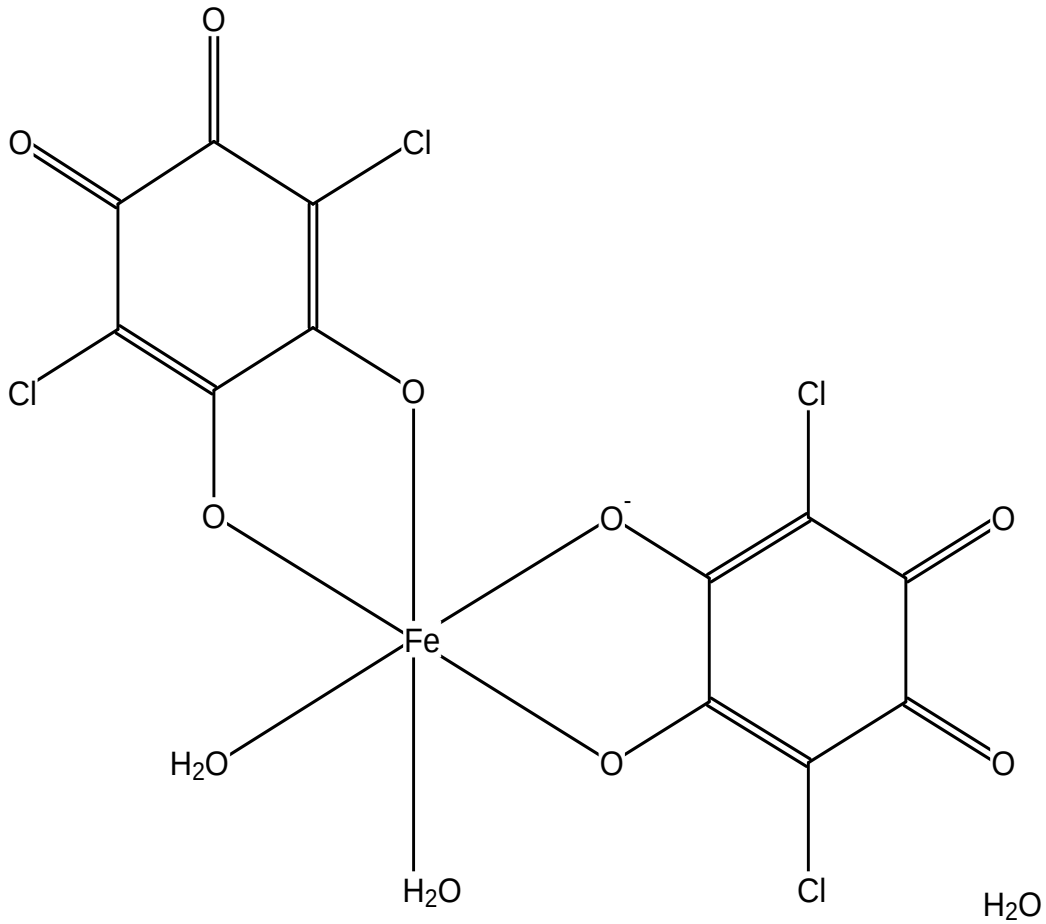
Reference: M.K.Kabir, N.Miyazaki, S.Kawata, K.Adachi, H.Kumagai, K.Inoue, S.Kitagawa, K.Iijima, M.Katada (2000) *Coord.Chem.Rev. ,***198,** 157

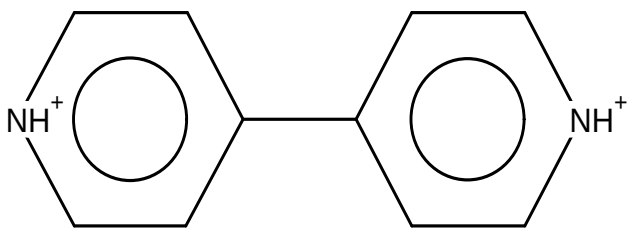
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+}$,2($C_{12}\ H_4\ Cl_4\ Fe_1\ O_{10}\ ^{1-}$),2($H_2\ O_1$)

Compound Name: bis(cis-Diaqua-bis(chloranilinato-O,O')-iron) 4,4'-bipyridinium clathrate dihydrate

Space Group:	P-1	***Cell:***	***a***	9.101(1)	***b***	10.379(1)	***c*** 12.802(2)
Space Group No.:	2	***(Å,°)***	α	79.45(1)	β	82.67(1)	γ 66.32(0)

R-Factor (%): 3.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.843





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1939

QEHCUC

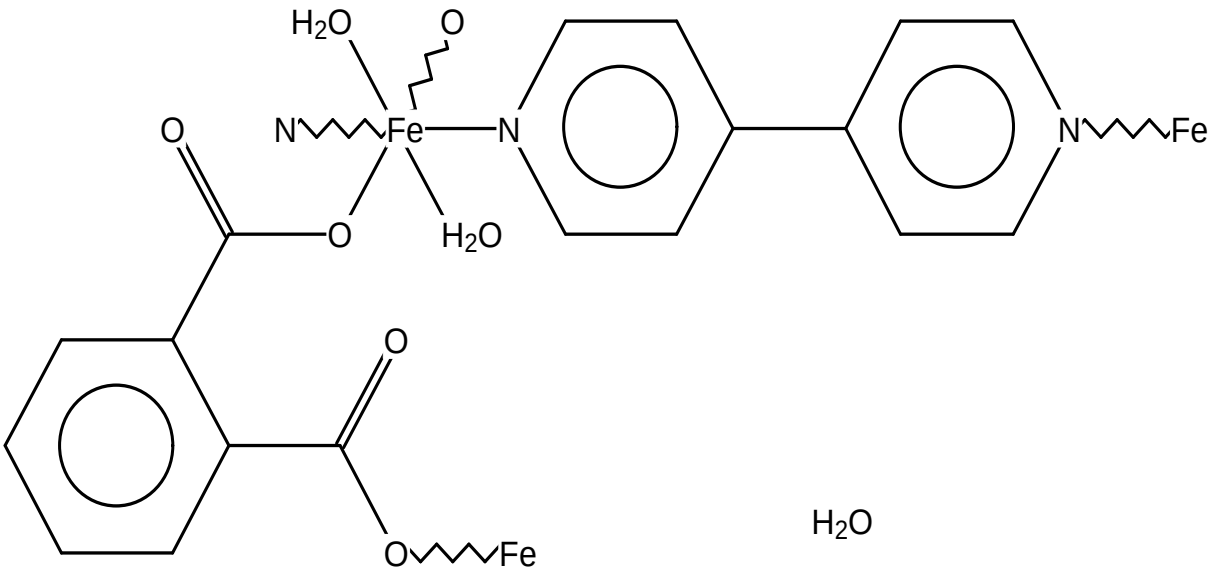
Reference: Linlin Fan, Chao Qin, Yuangguang Li, Enbo Wang, Xinlong Wang, Dongrong Xiao, Haiyan An, Lin Xu (2006) *J.Coord.Chem.* ,**59,**883

Formula: $(C_{18}\ H_{16}\ Fe_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-phthalato-O,O')-diaqua-iron(ii) dihydrate)

Space Group:	P2/n	***Cell:***	***a***	7.650(1)	***b***	11.390(2)	***c*** 10.790(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.67(3)	γ 90.00

R-Factor (%): 3.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.585



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1940

QEHFEO

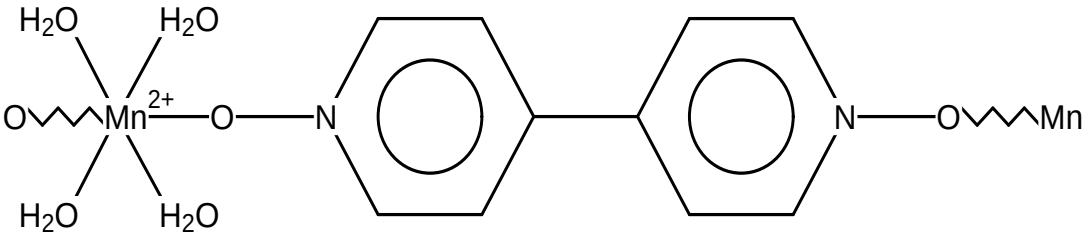
Reference: S.Bruda, M.Andruh, H.W.Roesky, Y.Journaux, M.Noltemeyer, E.Riviere (2001) *Inorg.Chem.Commun.* ,**4,**111

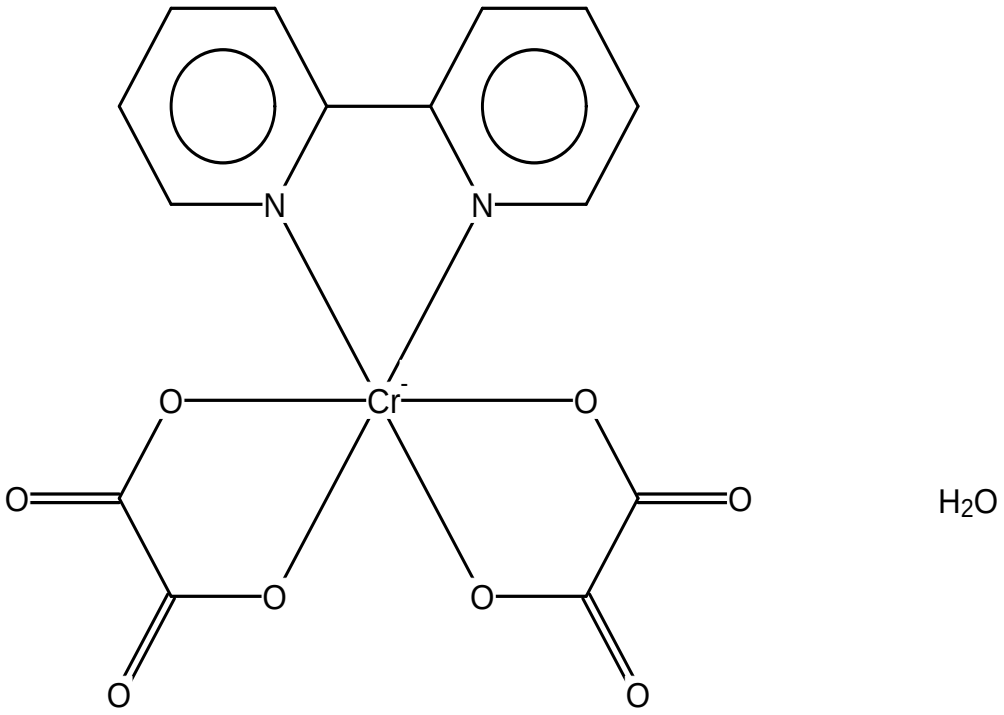
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_6\ ^{2+})n,2n(C_{14}\ H_8\ Cr_1\ N_2\ O_8\ ^{1-}),8n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N'-dioxide)-tetraaqua-manganese(ii) bis((2,2'-bipyridyl)-bis(oxalato)-chromium(iii)) octahydrate)

Space Group:	P21	***Cell:***	***a***	10.870(2)	***b*** 13.248(4)	***c***	17.804(6)
Space Group No.:	4	***(Å,°)***	α	90.00	β 102.91(3)	γ	90.00

R-Factor (%): 3.94 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.632





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1941

QEJCIR

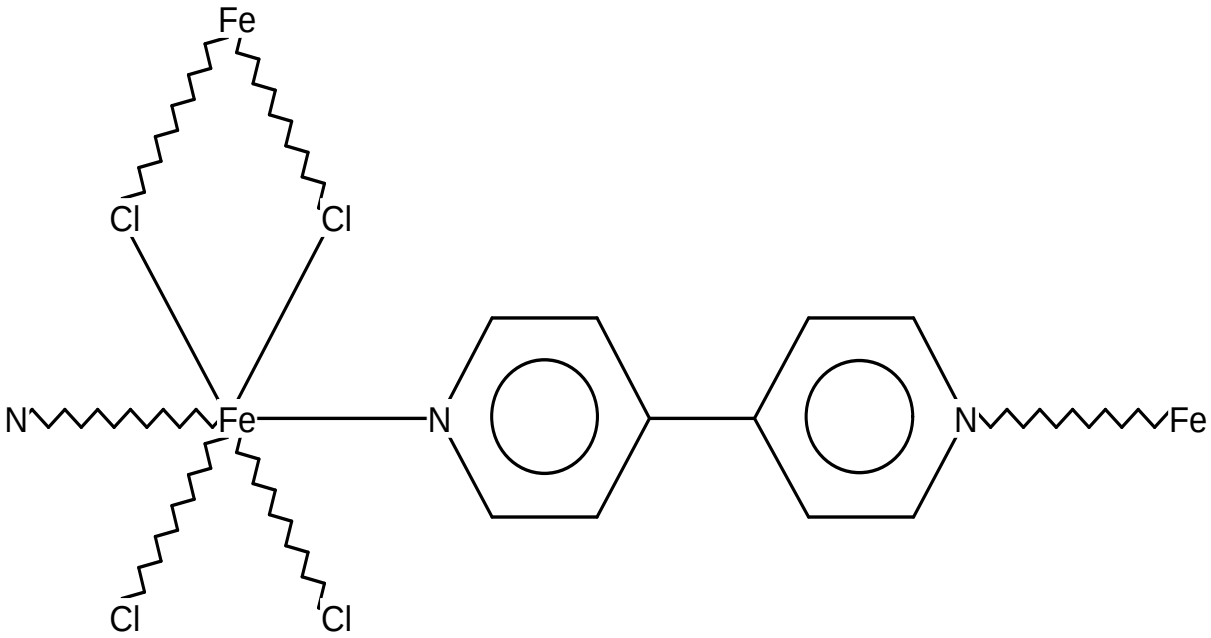
Reference: M.A.Lawandy, Xiaoying Huang, Ru-Ji Wang, Jing Li, J.Y.Lu, Tan Yuen, C.L.Lin (1999) *Inorg.Chem. ,***38,**5410

Formula: $(C_{10}\ H_8\ Cl_2\ Fe_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-chloro)-iron(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.929(2)	***b***	11.447(2)	***c***	3.638(1)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.22 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.892



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1942

QEJCOX

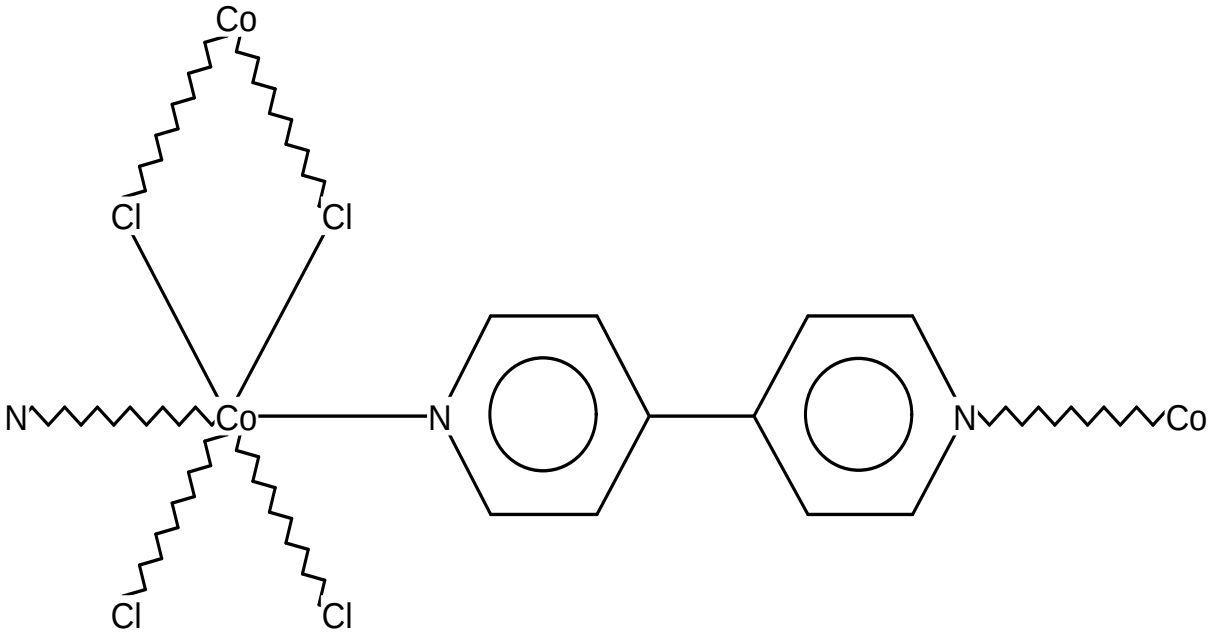
Reference: M.A.Lawandy, Xiaoying Huang, Ru-Ji Wang, Jing Li, J.Y.Lu, Tan Yuen, C.L.Lin (1999) *Inorg.Chem. ,***38,**5410

Formula: $(C_{10}\ H_8\ Cl_2\ Co_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-bis(μ_2-chloro)-cobalt(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.993(2)	***b***	11.374(2)	***c***	3.611(1)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.77 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.928



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1943

QEJTII

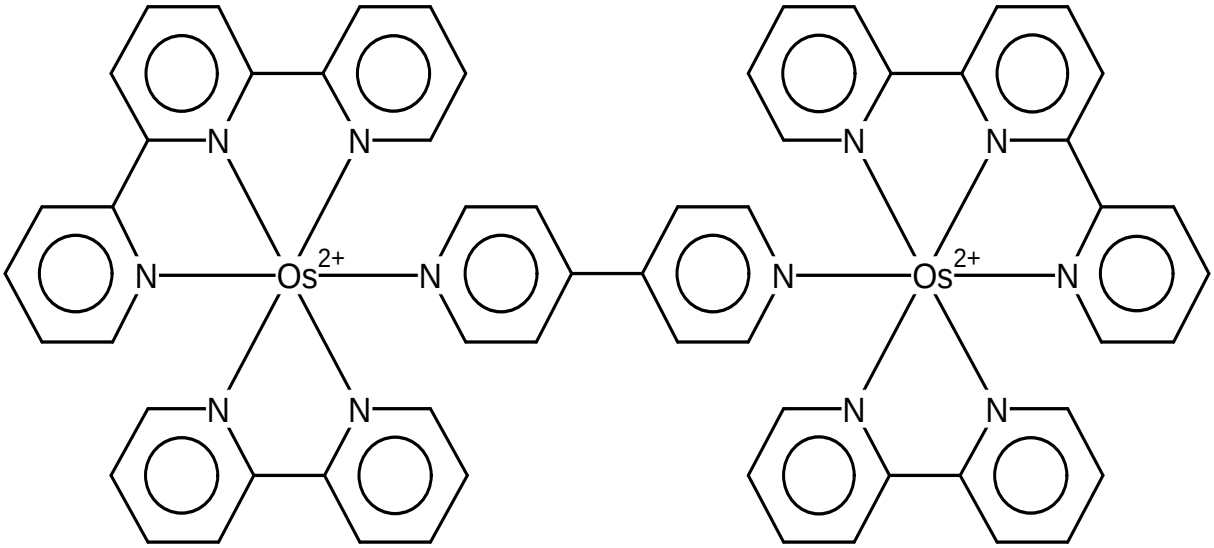
Reference: K.D.Demadis, G.A.Neyhart, E.M.Kober, P.S.White, T.J.Meyer (1999) *Inorg.Chem. ,***38,**5948

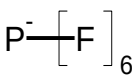
Formula: $C_{60}\ H_{46}\ N_{12}\ Os_2\ ^{4+}$,4($F_6\ P_1\ ^{1-}$),2($C_2\ H_3\ N_1$)

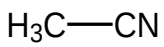
Compound Name: (μ_2-4,4'-Bipyridine)-bis((2,2'-bipyridine)-(2,2':6',2''-terpyridine)-osmium(ii)) tetrakis(hexafluorophosphate) acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	12.023(0)	***b***	15.070(1)	***c*** 19.500(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.96(0)	γ 90.00

R-Factor (%): 3.80 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.861







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1944

QENHOG

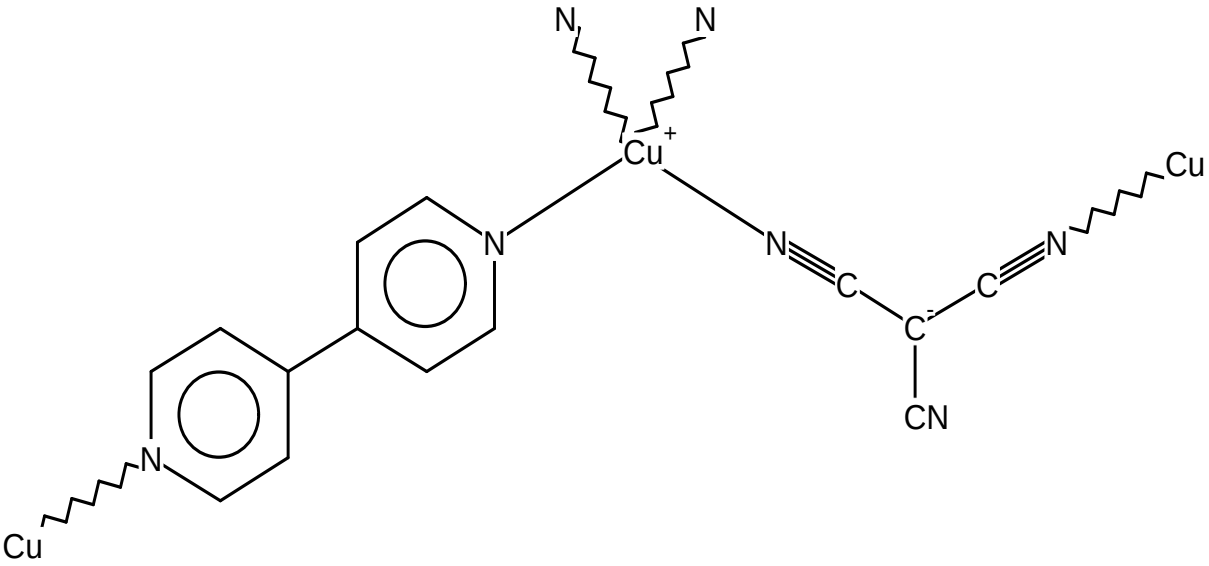
Reference: S.R.Batten, B.F.Hoskins, R.Robson (2000) *Chem.-Eur.J.* , **6,**156

Formula: $(C_{14}\ H_8\ Cu_1\ N_5)n$

Compound Name: catena-($(\mu_2$-Tricyanomethanide-N,N')-(μ_2-4,4'-bipyridyl-N,N')-copper(i))

Space Group:	Pcab	***Cell:***	***a***	7.651(2)	***b***	17.995(3)	***c*** 20.450(5)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.77 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1945

QENSIL

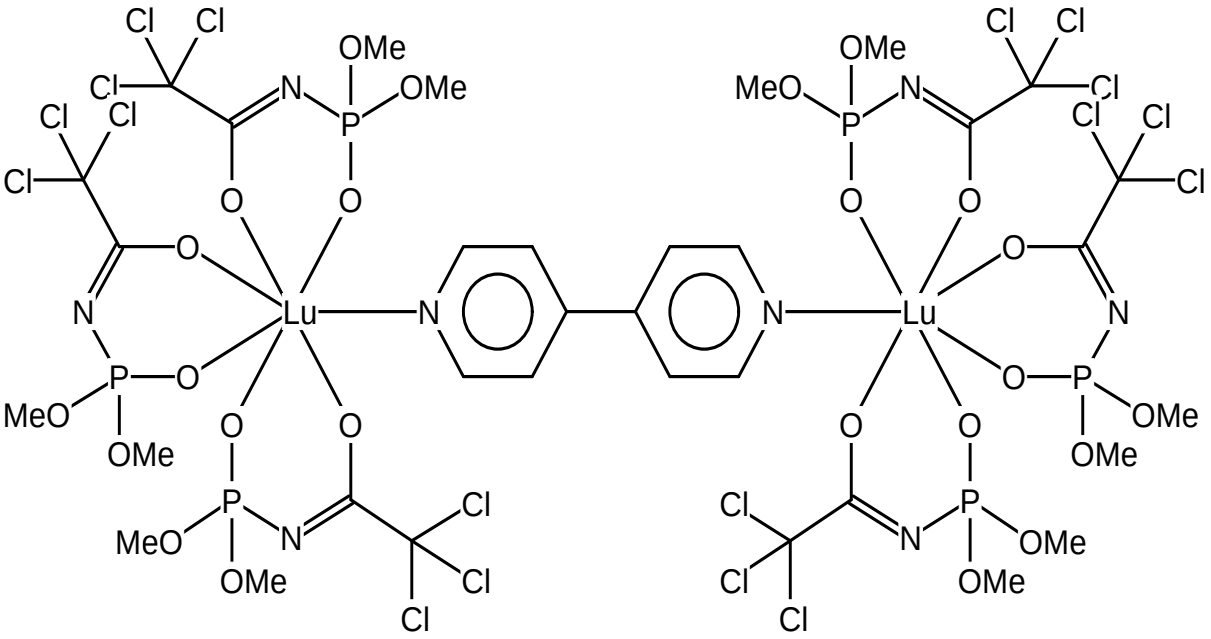
Reference: V.A.Trush, J.Swiatek-Kozlowska, V.V.Skopenko, V.M.Amyrkhanov (2001) *Z.Naturforsch.,B:Chem.Sci.* ,**56,**249

Formula: $C_{34}\ H_{44}\ Cl_{18}\ Lu_2\ N_8\ O_{24}\ P_6$

Compound Name: (μ_2-4,4'-Bipyridyl)-hexakis(dimethyl-N-trichloroacetylamidophosphate)-di-lutetium(iii)

Space Group:	P-1	***Cell:***	***a***	9.259(2)	***b*** 12.530(3)	***c***	16.548(3)
Space Group No.:	2	***(Å,°)***	α	85.44(3)	β 75.64(3)	γ	70.56(3)

R-Factor (%): 5.38 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.010



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1946

QENYUD

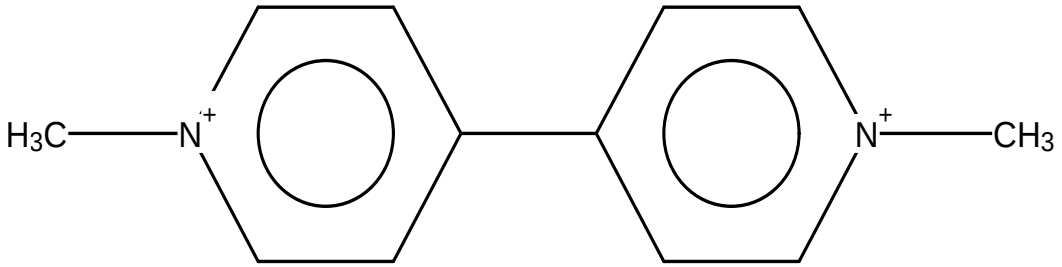
Reference: H.Kisch, B.Eisen, R.Dinnebier, K.Shankland, W.I.F.David, F.Knoch (2001) *Chem.-Eur.J.* ,**7,**738

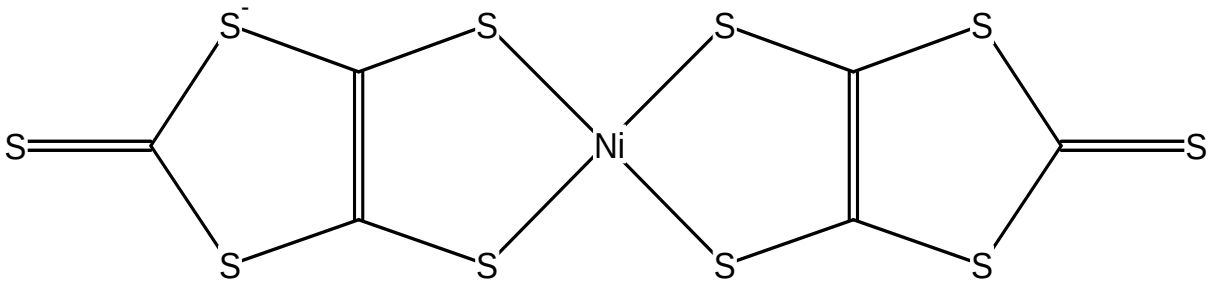
Formula: $C_{12}\ H_{14}\ N_2\ ^{2+}$,2($C_6\ Ni_1\ S_{10}\ ^{1-}$)

Compound Name: Methyl viologen bis(2-thio-1,3-dithiol-4,5-dithiolato)-nickel(ii)

Space Group:	P21/a	***Cell:***	***a***	22.338(6)	***b***	11.382(3)	***c*** 7.537(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.19	γ 90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.907





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1947

QEQBAQ

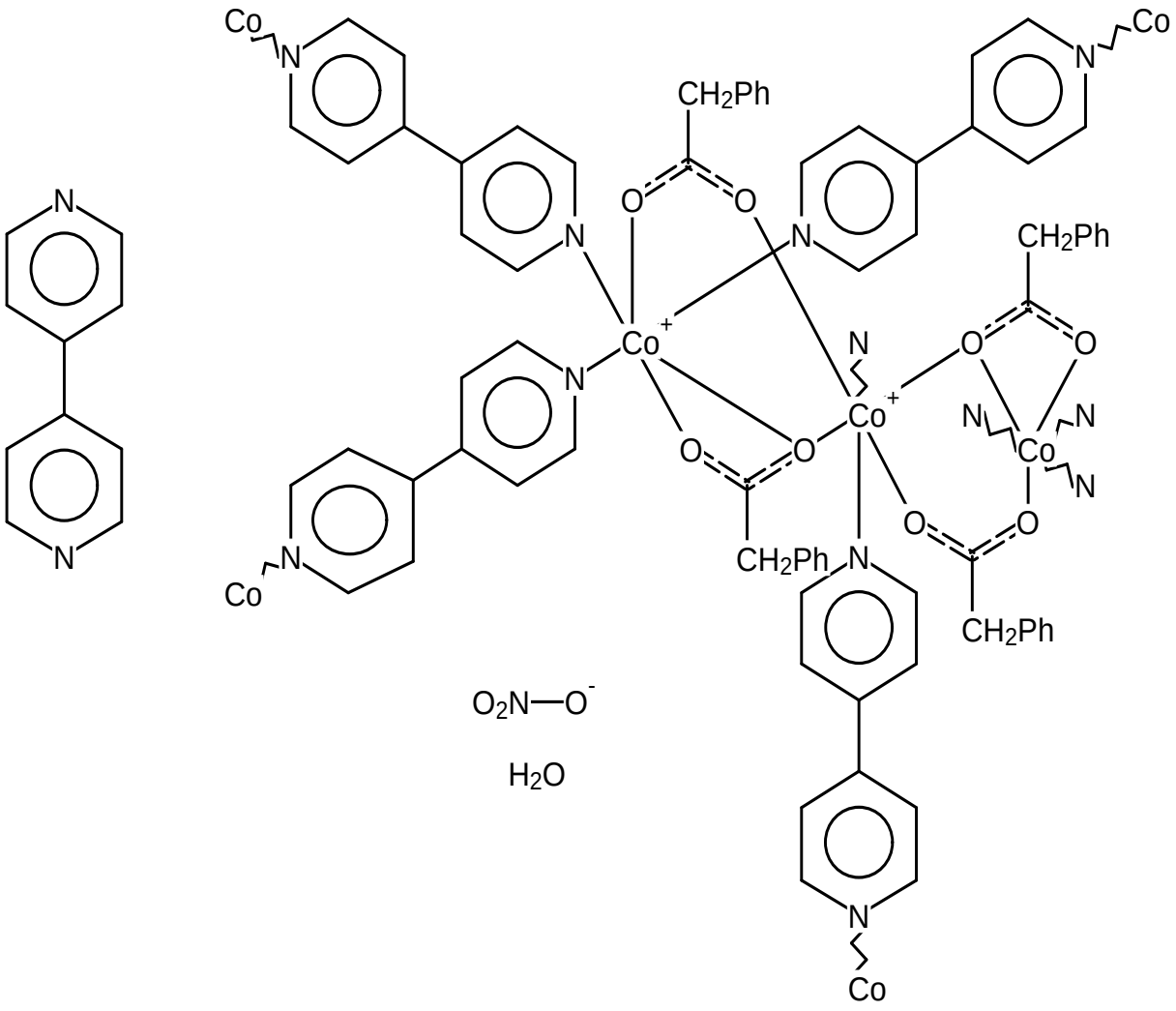
Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen (2006) *J.Mol.Struct.* ,**796,**9

Formula: $(C_{72}\ H_{60}\ Co_3\ N_8\ O_8\ ^{2+})n,n(C_{10}\ H_8\ N_2),2n(N_1\ O_3\ ^{1-}),3.5n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4-bipyridine)-bis(μ_2-phenylacetato-O,O,O')-bis(μ_2-phenylacetato-O,O')-tri-cobalt(ii) 4,4-bipyridine dinitrate hydrate)

Space Group:	P21/n	***Cell:***	***a***	11.422(0)	***b***	18.735(1)	***c*** 18.539(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.88(0)	γ 90.00

R-Factor (%): 5.17 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.416



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1948

QEQBEU

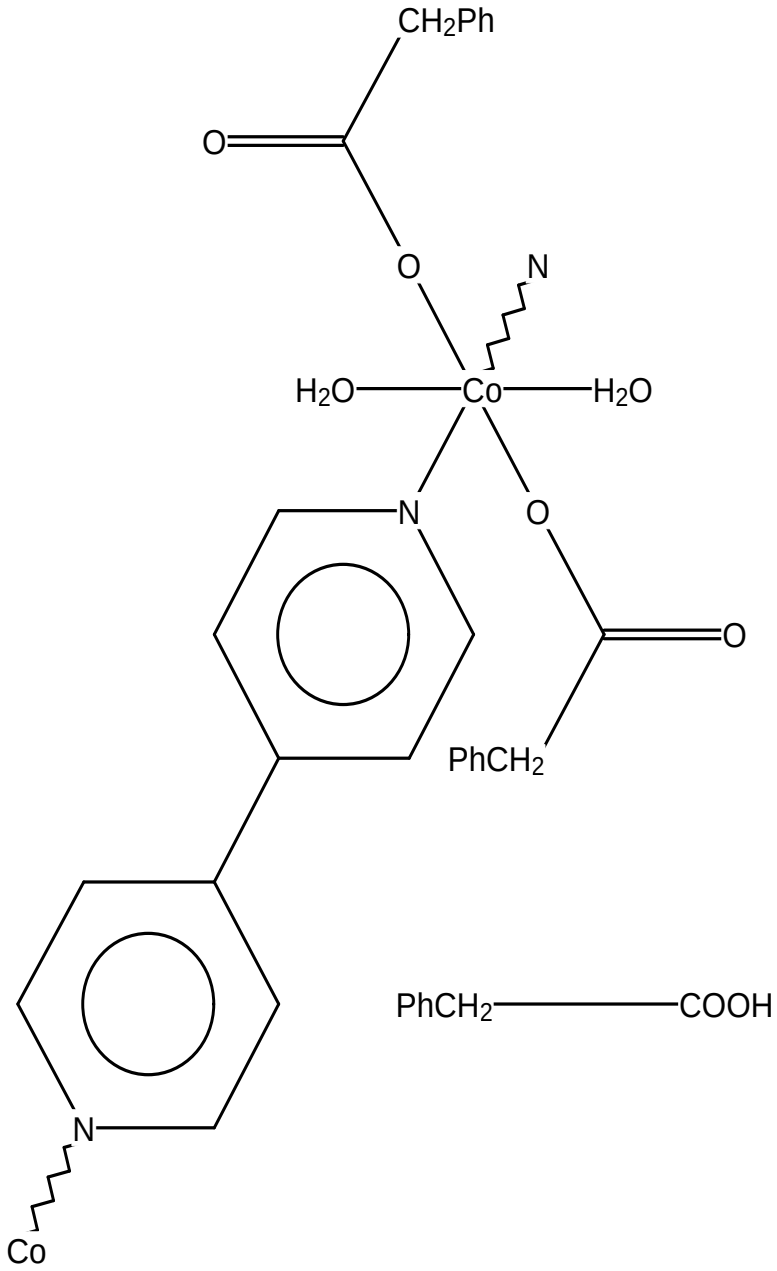
Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen (2006) *J.Mol.Struct.* ,**796,**9

Formula: $(C_{26}\ H_{26}\ Co_1\ N_2\ O_6)n,2n(C_8\ H_8\ O_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(phenylacetato)-cobalt(ii) bis(phenylacetic acid))

Space Group:	C2/c	***Cell:***	***a***	33.150(7)	***b*** 11.385(3)	***c***	10.929(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.23(0)	γ	90.00

R-Factor (%): 5.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.338



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1949

QEQBIY

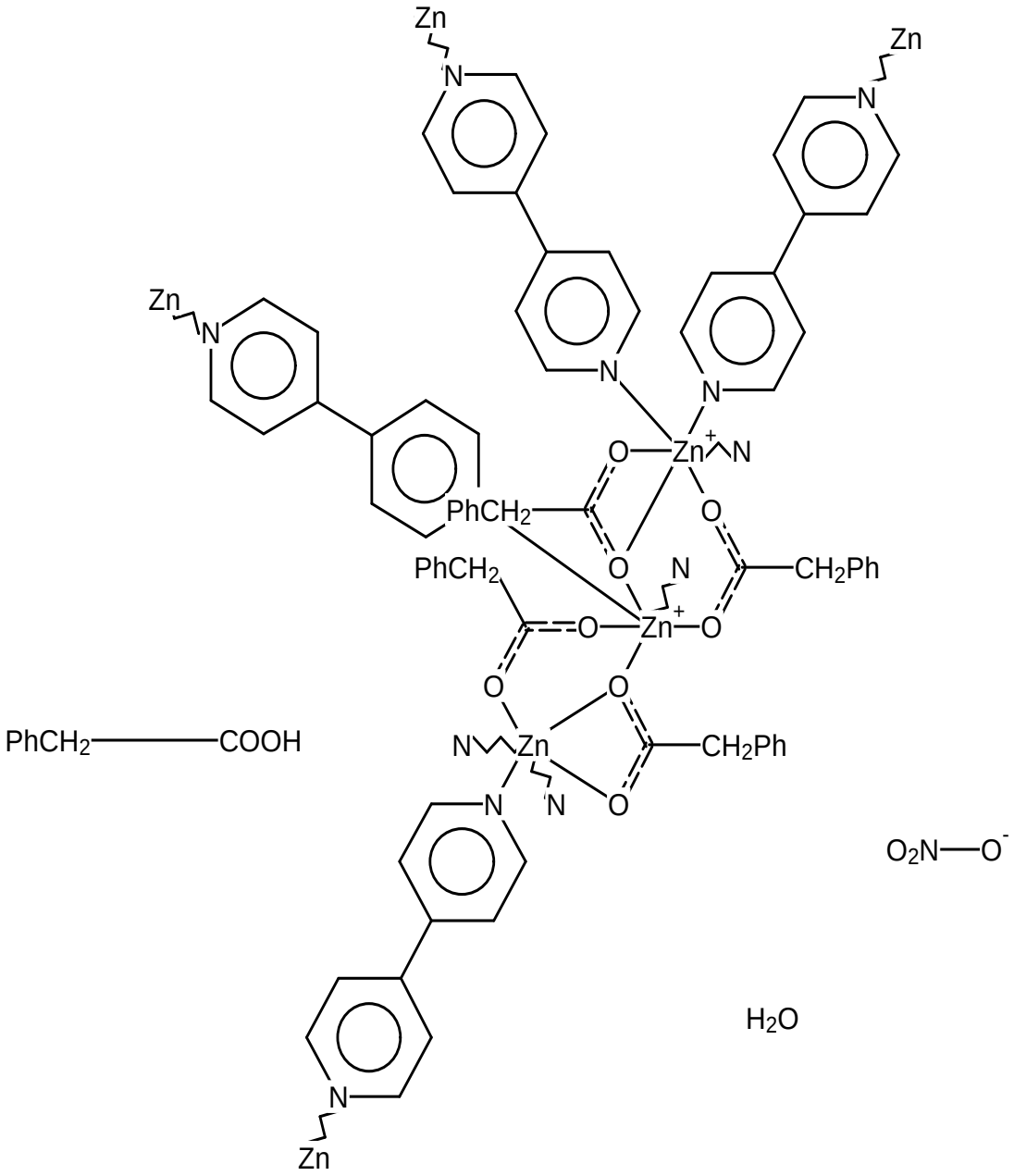
Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen
(2006) *J.Mol.Struct.* ,**796,**9

Formula: $(C_{72}\ H_{60}\ N_8\ O_8\ Zn_3\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),n(C_8\ H_8\ O_2),2.5n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-tetrakis(μ_2-phenylacetato)-tri-zinc(ii) dinitrate phenylacetic acid clathrate hydrate)

Space Group:	P212121	***Cell:***	***a*** 11.449(0)	***b*** 18.891(1)	***c*** 34.902(3)
Space Group No.:	19	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 6.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.466



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1950

QEQBOE

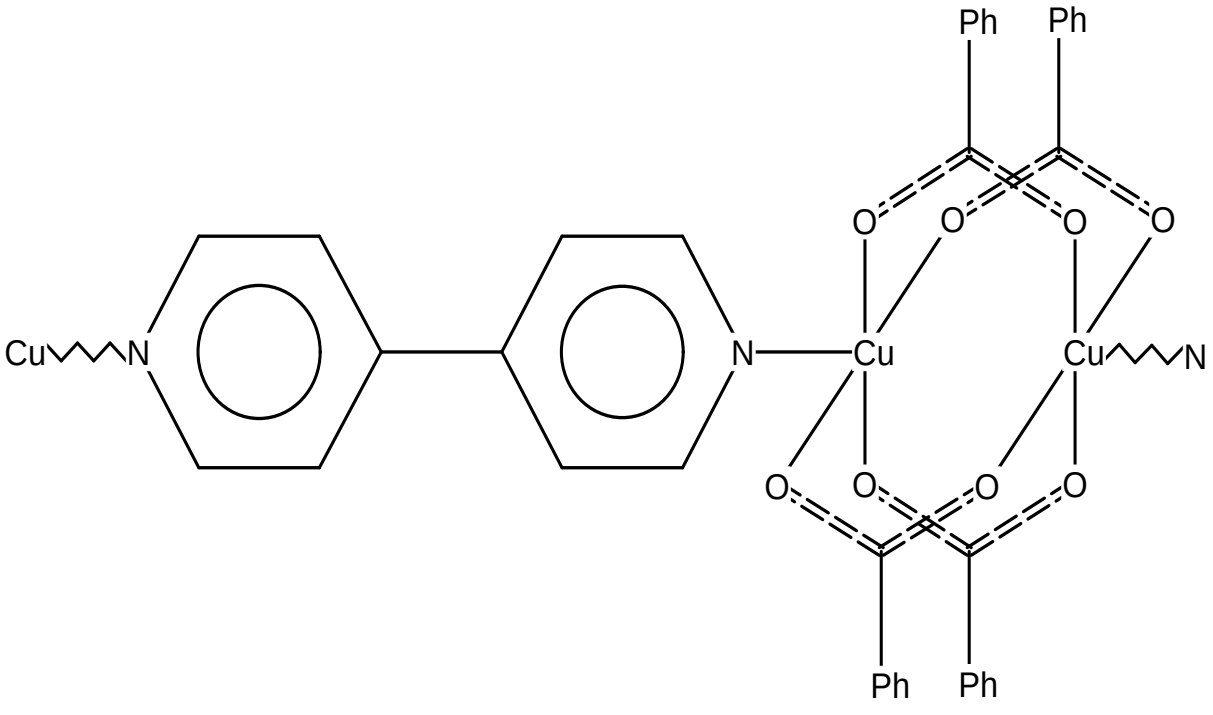
Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen (2006) *J.Mol.Struct.* ,**796,**9

Formula: $(C_{38}\ H_{28}\ Cu_2\ N_2\ O_8)n$

Compound Name: catena-(tetrakis(μ_2-Benzoato-O,O')-(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	I-42d	***Cell:***	***a***	13.945(0)	***b***	13.945(0)	***c***	37.243(4)
Space Group No.:	122	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.408



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1951

QEQBOE01

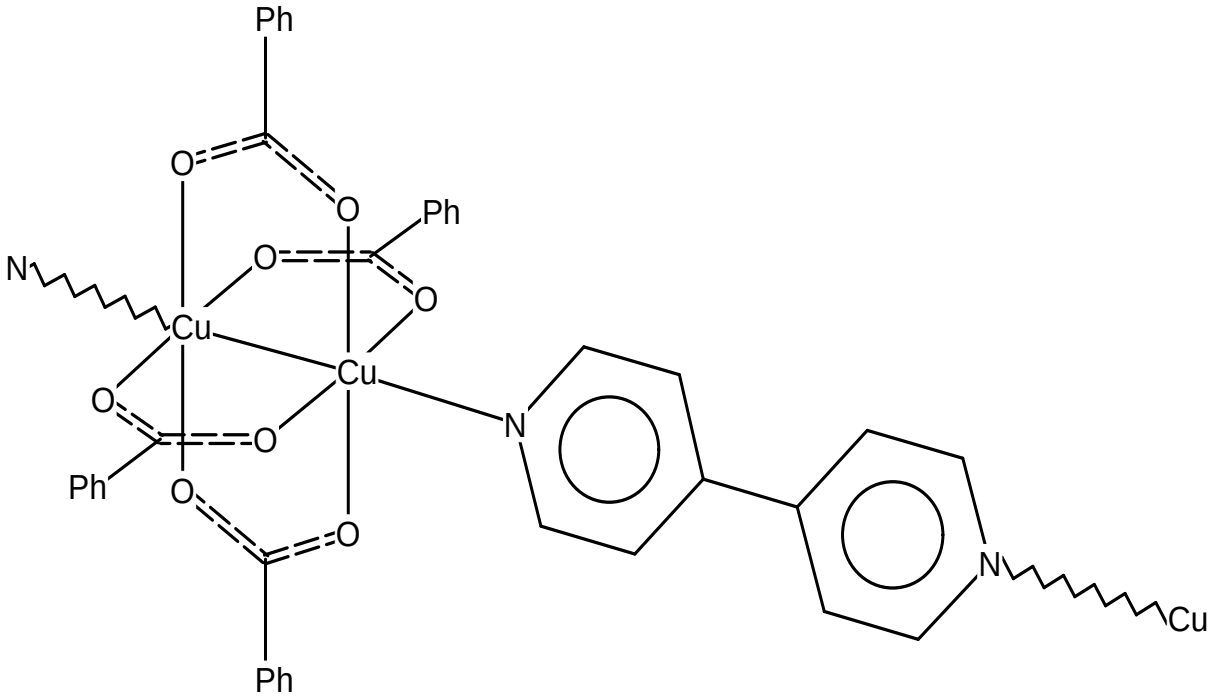
Reference: Young Joo Song, Han Kwak, Young Min Lee, Soo Hyun Kim, Sun Hwa Lee, Byeong Kwon Park, Je Yeol Jun, Seung Man Yu, Cheal Kim, Sung-Jin Kim, Youngmee Kim (2009) *Polyhedron ,***28,**1241

Formula: $(C_{38}\ H_{28}\ Cu_2\ N_2\ O_8)n$

Compound Name: catena-[tetrakis(μ_2-Benzoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii)]

Space Group:	C2/c	***Cell:***	***a***	20.398(1)	***b*** 18.986(1)	***c***	21.403(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.15(0)	γ	90.00

R-Factor (%): 5.70 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.395



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1952

QERCUL

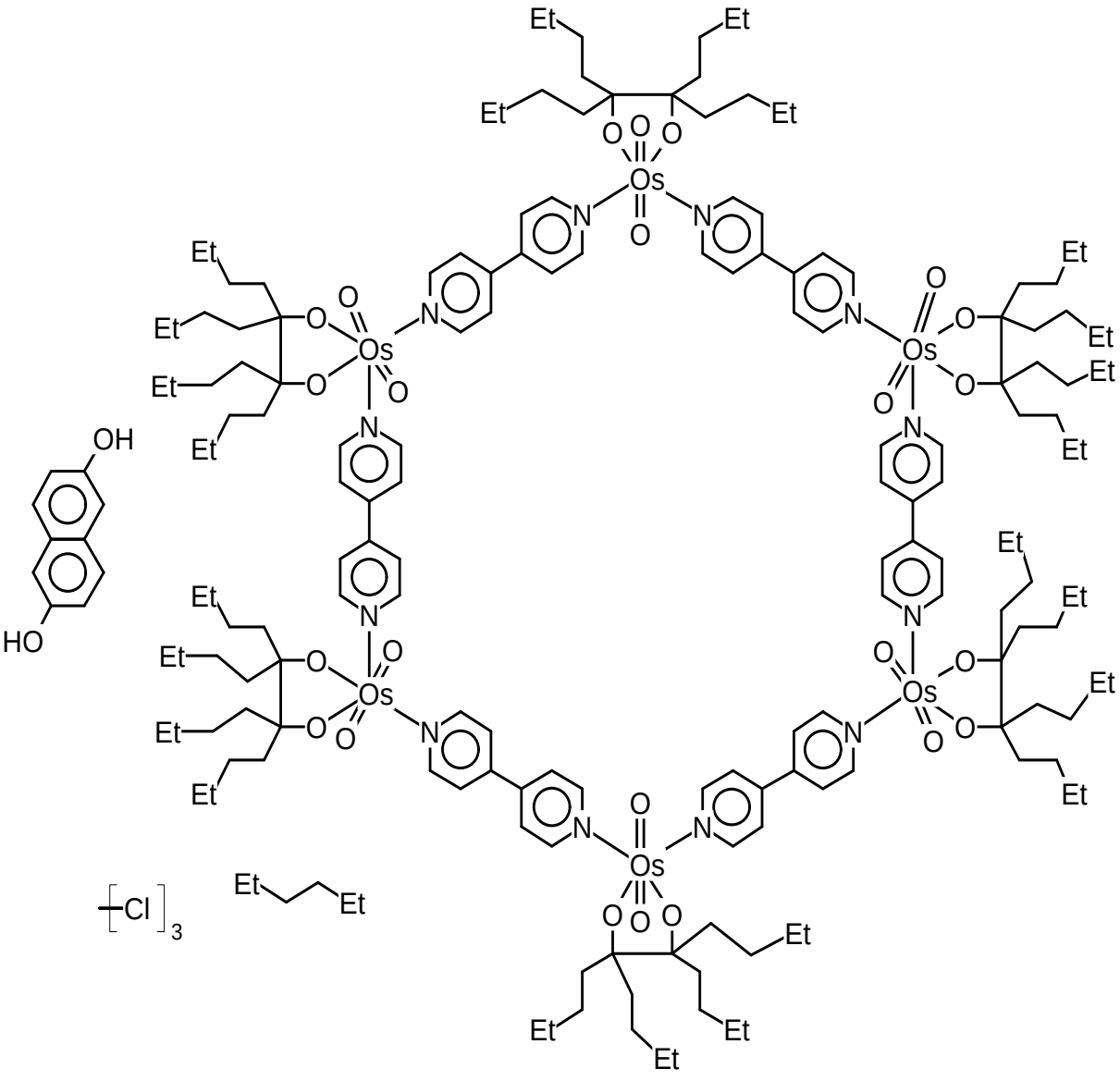
Reference: Young Lag Cho, Hyounsoo Uh, Sung-Youn Chang, Hong-Young Chang, Moon-Gun Choi, Injae Shin, Kyu-Sung Jeong (2001) *J.Am.Chem.Soc.* ,**123,**1258

Formula: $C_{168}\ H_{264}\ N_{12}\ O_{24}\ Os_6$,6($C_{10}\ H_8\ O_2$),2($C_1\ H_1\ Cl_3$),3($C_6\ H_{14}$)

Compound Name: [hexakis(μ_2-4,4'-Bipyridyl)-hexakis(5,6-bis(n-butyl)decan-5,6-diolato)-dodecaoxo-hexa-osmium(vi)] hexakis(2,6-napthalenediol) clathrate chloroform hexane solvate

Space Group:	R-3	***Cell:***	***a***	32.218(5)	***b***	32.218(5)	***c*** 21.581(4)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 11.72 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.396



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1953

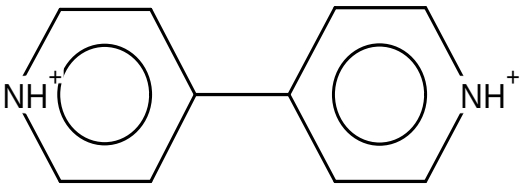
QERQIO

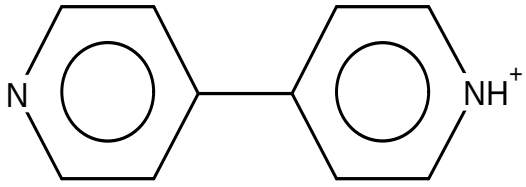
Reference: De-Wu Sun, Hong-Ju Zhai (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2937

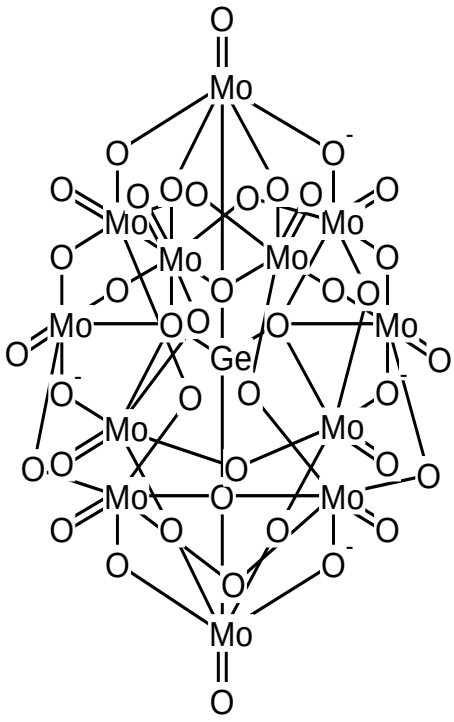
Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),C_{10}\ H_{10}\ N_2\ ^{2+},Ge_1\ Mo_{12}\ O_{40}\ ^{4-},2(H_2\ O_1)$

Compound Name: tris(4,4'-Bipyridinium) tetracontaoxododecamolybdogermanate dihydrate

Space Group:	C2/c	***Cell:***	***a*** 15.214(2)	***b*** 18.215(3)	***c*** 21.231(3)
Space Group No.:	15	***(Å,°)***	α 90.00	β 103.37(0)	γ 90.00
R-Factor (%):	3.79	***Temperature(K):***	296	***Density(g/cm^3):***	2.753







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1954

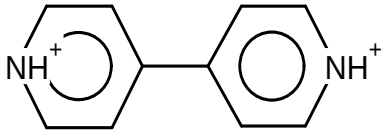
QERSOW

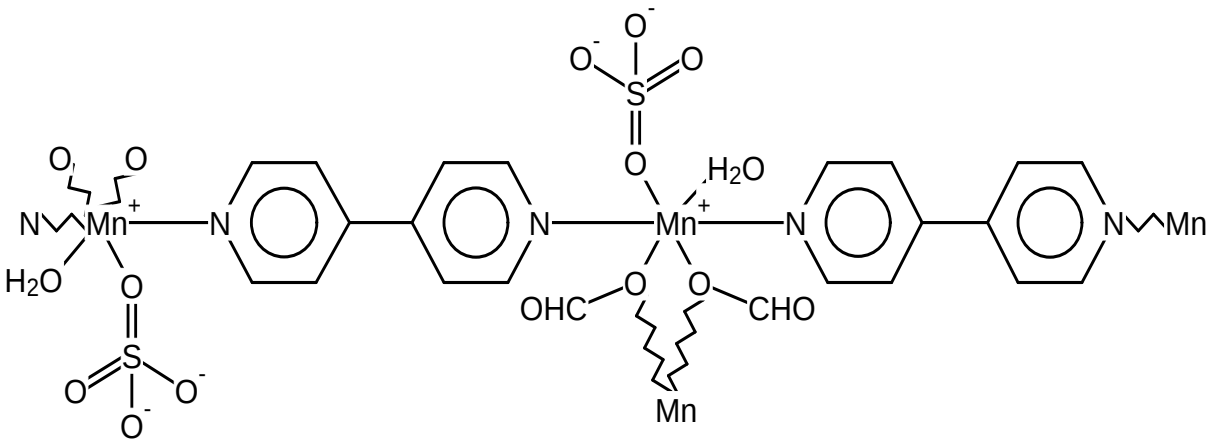
Reference: Jian-Li Lin, Yue-Qing Zheng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m3131

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{22}\ H_{22}\ Mn_2\ N_4\ O_{14}\ S_2\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_2-4,4'-bipyridine-N,N')-bis(μ_2-formato-O,O)-bis(aqua-(sulfato-O)-manganese(ii)) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.363(1)	***b***	9.991(2)	***c*** 10.629(2)
Space Group No.:	2	***(Å,°)***	α	89.79(3)	β	79.70(3)	γ 73.99(3)
R-Factor (%):	3.74	***Temperature(K):***	296	***Density(g/cm^3):***	1.652		





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1955

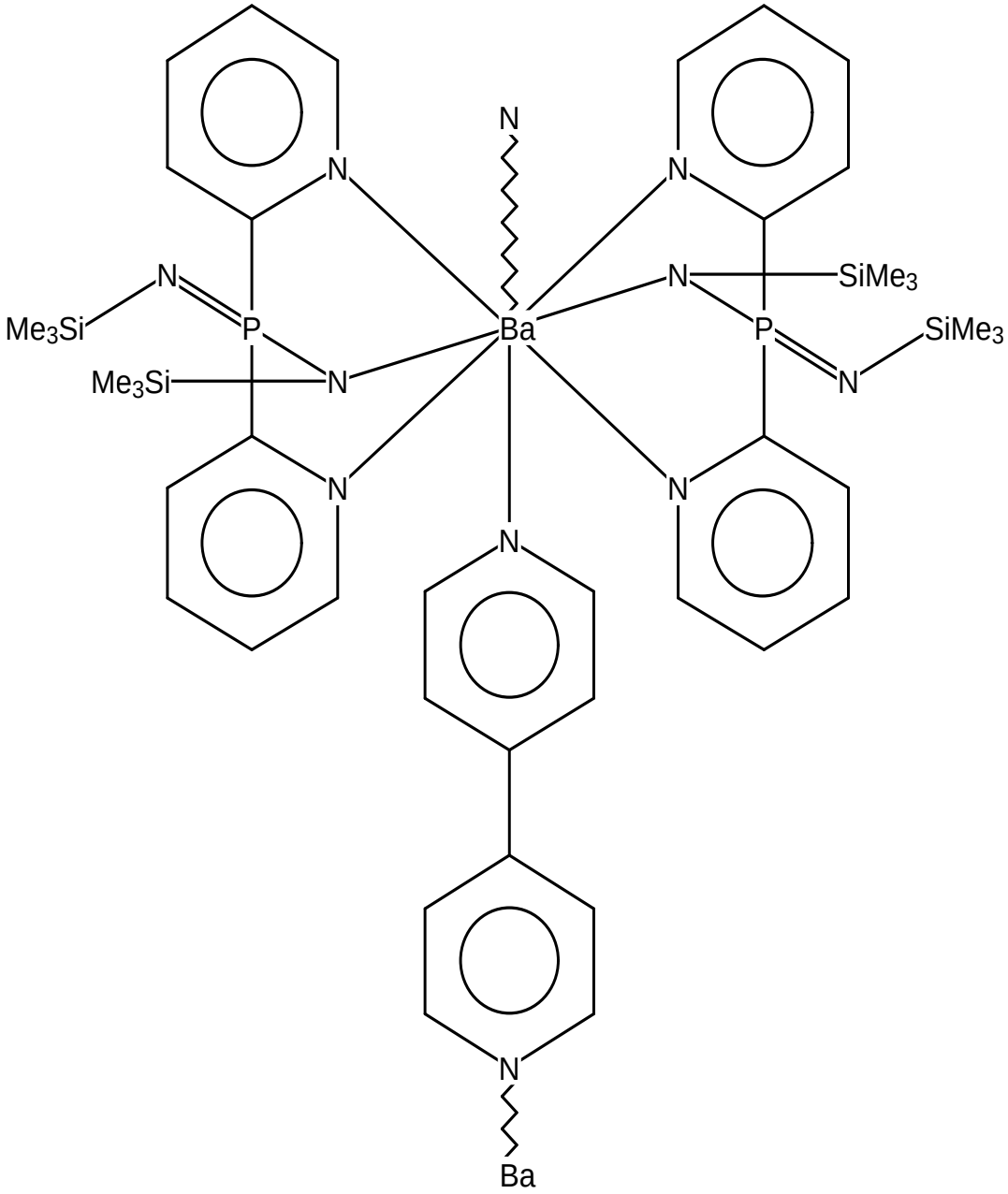
QESSOW

Reference: S.Wingerter, M.Pfeiffer, A.Murso, C.Lustig, T.Stey, V.Chandrasekhar, D.Stalke (2001) *J.Am.Chem.Soc.* ,**123,**1381

Formula: $(C_{42}\ H_{60}\ Ba_1\ N_{10}\ P_2\ Si_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(bis(2-pyridyl)(trimethylsilylamido)(trimethylsilylimino)phosphorane)-barium)

Space Group:	C2/c	***Cell:***	***a***	30.031(6)	***b*** 9.170(1)	***c***	21.602(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 124.51(3)	γ	90.00
R-Factor (%):	2.78	***Temperature(K):***	173		***Density(g/cm^3):***		1.378



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1956

QESZOE

Reference: D.V.Soldatov, I.E.Sokolov, K.Suvin'ska (2005) *Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.)* ,**46,**S155

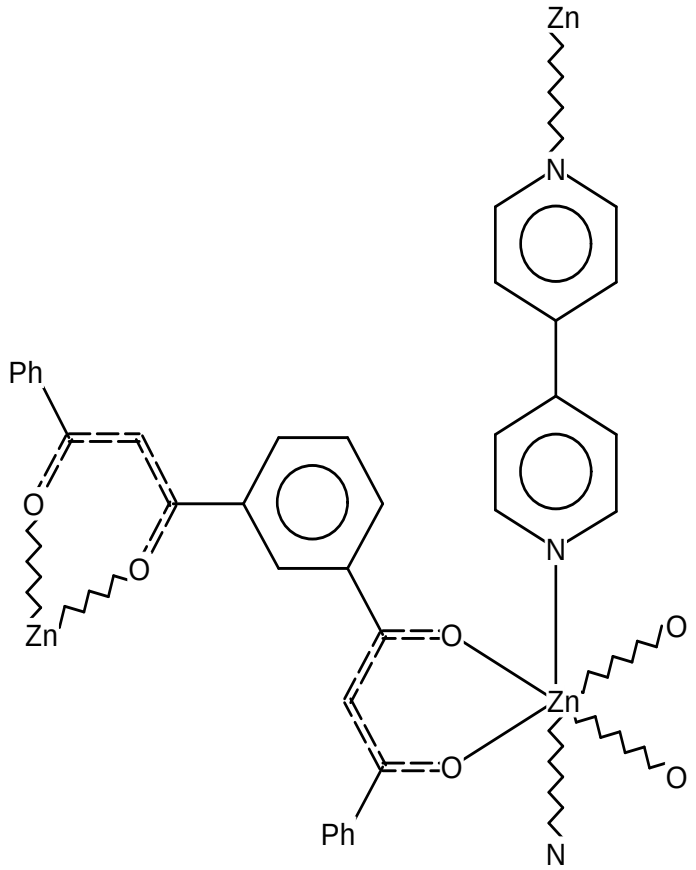
Formula: $(C_{34}\ H_{24}\ N_2\ O_4\ Zn_1)n,2n(C_2\ H_6\ O_1\ S_1)$

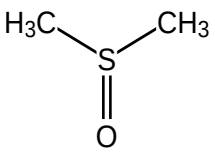
Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-(1,3-bis(3-phenyl-1-oxo-3-oxyprop-2-en-1-yl)benzene))-zinc(ii) bis(dimethylsulfoxide) clathrate)

Synonym: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-isophthaloyldiacetophenono)-zinc(ii) bis(dimethylsulfoxide) clathrate)

Space Group:	C2/c	***Cell:***	***a***	26.316(3)	***b*** 11.460(1)	***c***	24.945(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.34(1)	γ	90.00

R-Factor (%): 8.78 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.366





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1957

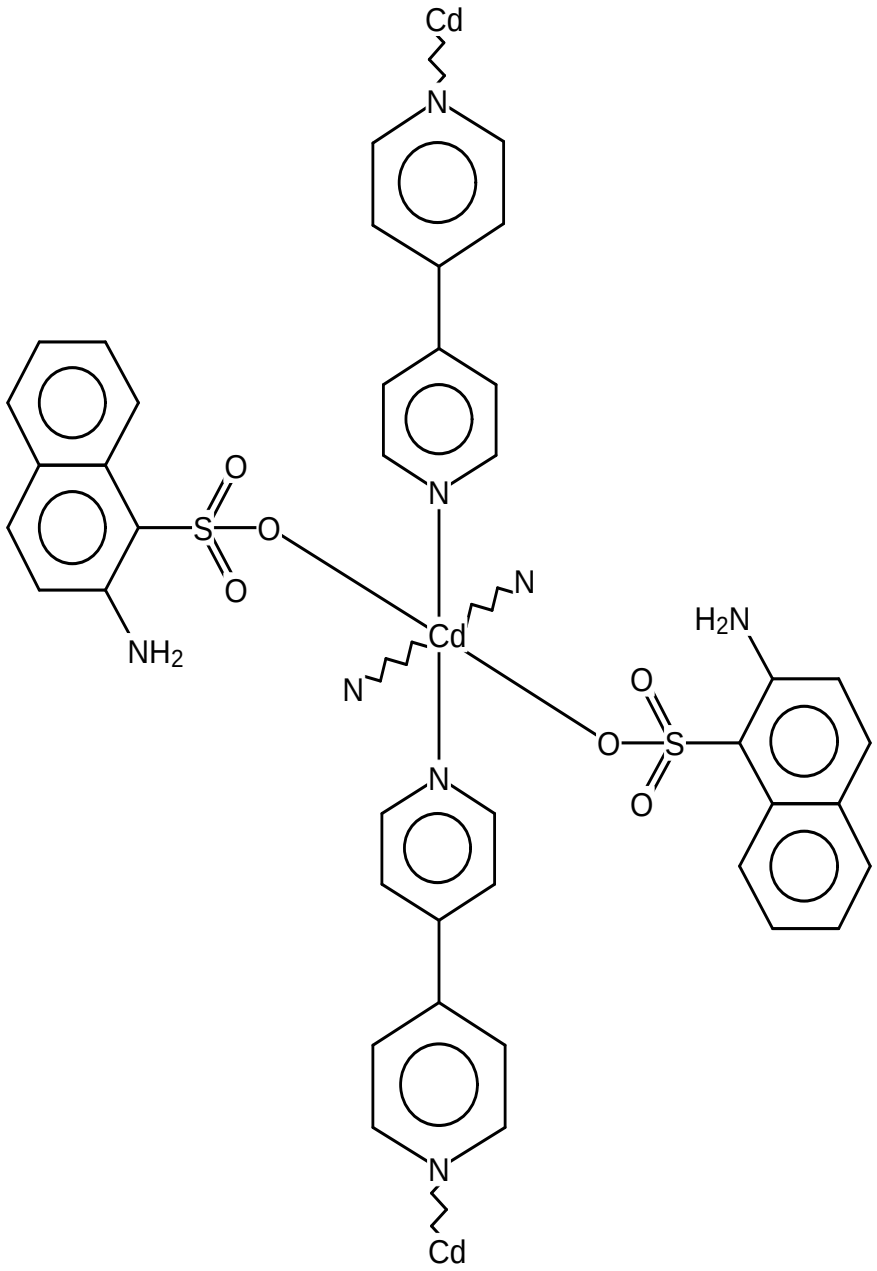
QEYSAP

Reference: En-Cui Yang, Pei-Xia Dai, Xiu-Guang Wang, Bin Ding, Xiao-Jun Zhao (2007) *Z.Anorg.Allg.Chem.* ,**633,**615

Formula: $(C_{40}\ H_{32}\ Cd_1\ N_6\ O_6\ S_2)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine-N,N')-(2-aminonaphthalene-1-sulfonato-O))-cadmium)

Space Group:	C2/c	***Cell:***	***a***	20.782(1)	***b***	11.682(0)	***c*** 15.838(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	100.59(0)	γ 90.00
R-Factor (%):	3.10	***Temperature(K):***	293		***Density(g/cm^3):***		1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1958

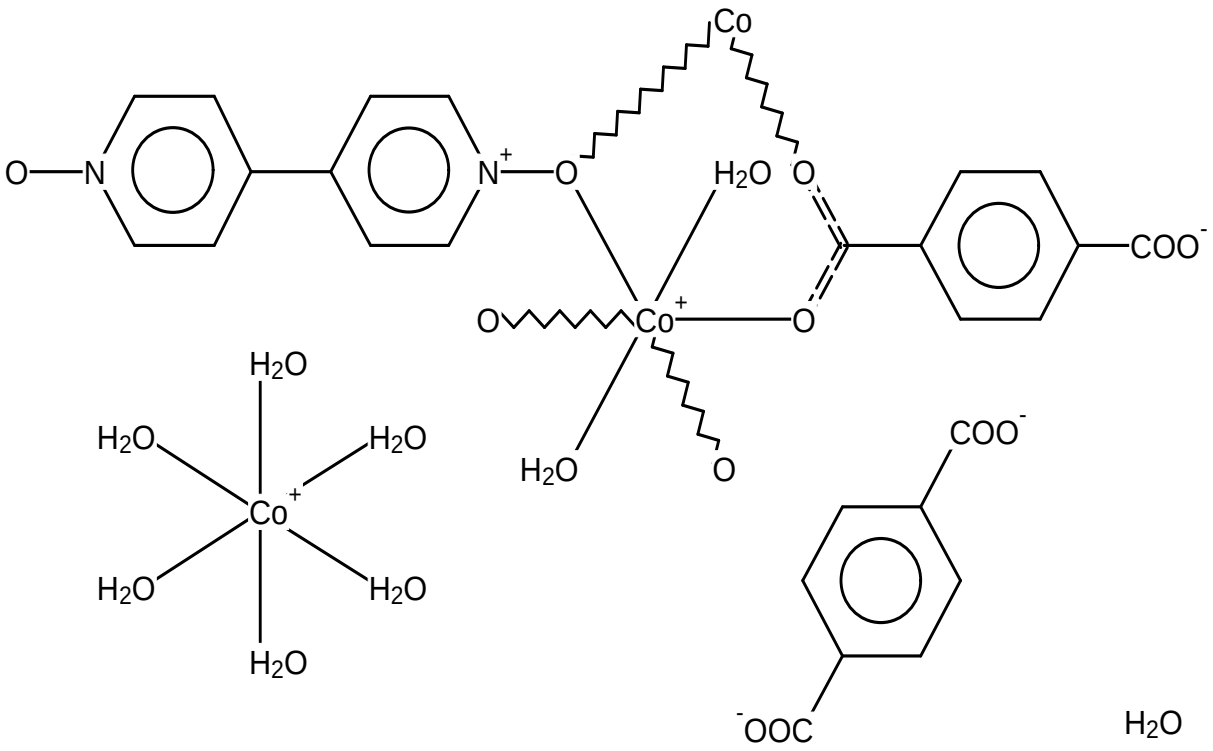
QEYZOK

Reference: S.C.Manna, E.Zangrando, J.Ribas, N.R.Chaudjuri (2007) *Dalton Trans.* ,1383

Formula: $(C_{18}\ H_{16}\ Co_1\ N_2\ O_8\ ^{1+})n,n(C_8\ H_4\ O_4\ ^{2-}),n(H_{12}\ Co_1\ O_6\ ^{1+}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-terephthalato-O,O')-(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O)-diaqua-cobalt(ii) hexa-aqua-cobalt(ii) terephthalate monohydrate)

Space Group:	Cc	***Cell:***	***a***	9.885(2)	***b***	45.200(9)	***c*** 7.484(2)
Space Group No.:	9	***(Å,°)***	α	90.00	β	111.04(1)	γ 90.00
R-Factor (%):	4.17	***Temperature(K):***	293		***Density(g/cm^3):***		1.695



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1959

QEYZUQ

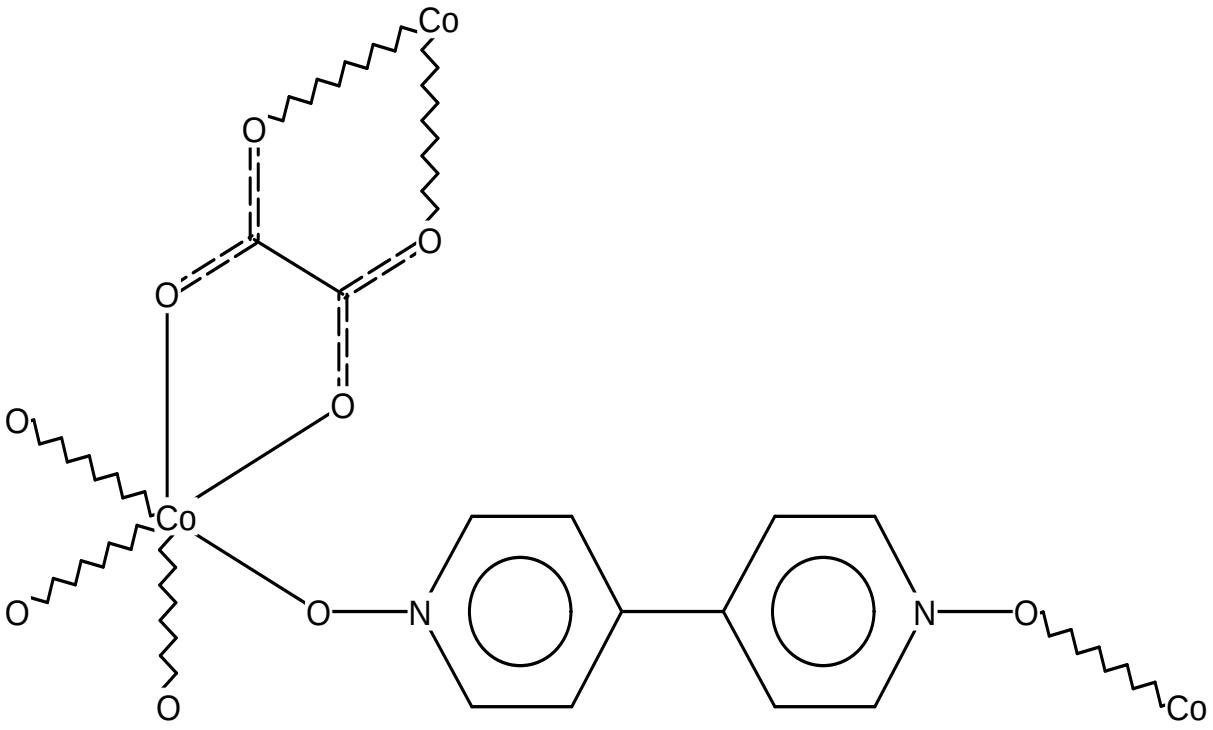
Reference: S.C.Manna, E.Zangrando, J.Ribas, N.R.Chaudjuri (2007) *Dalton Trans.* ,1383

Formula: $(C_{12}\ H_8\ Co_1\ N_2\ O_6)n$

Compound Name: catena-((μ_2-oxalato)-(μ_2-4,4'-bipyridine-N,N'-dioxide)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	14.133(3)	***b***	5.462(3)	***c***	15.281(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.35(2)	γ	90.00

R-Factor (%):	4.09	***Temperature(K):***	293	***Density(g/cm^3):***	1.893



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1960

QEZBAZ

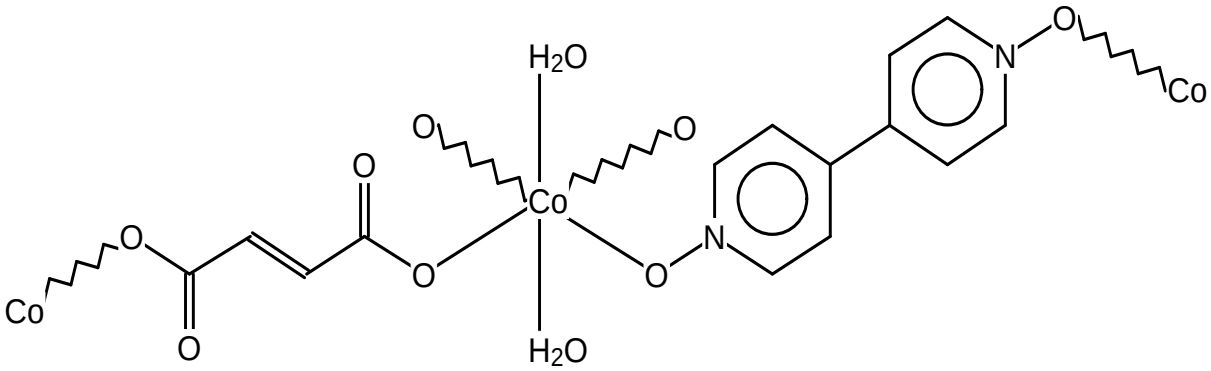
Reference: S.C.Manna, E.Zangrando, J.Ribas, N.R.Chaudjuri (2007)
Dalton Trans. ,1383

Formula: $(C_{14}\ H_{14}\ Co_1\ N_2\ O_8)n$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-(μ_2-fumarato-O,O')-diaqua-cobalt(ii))

Space Group:	P-1	***Cell:***	***a***	5.308(2)	***b***	7.285(3)	***c*** 9.814(3)
Space Group No.:	2	***(Å,°)***	α	86.53(2)	β	82.54(2)	γ 74.31(2)

R-Factor (%): 4.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.821



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1961

QEZXUO

Reference: S.A.Kostina, A.B.Ilyukhin, B.V.Lokshin, V.Yu.Kotov (2001) *Mendeleev Commun.* ,12

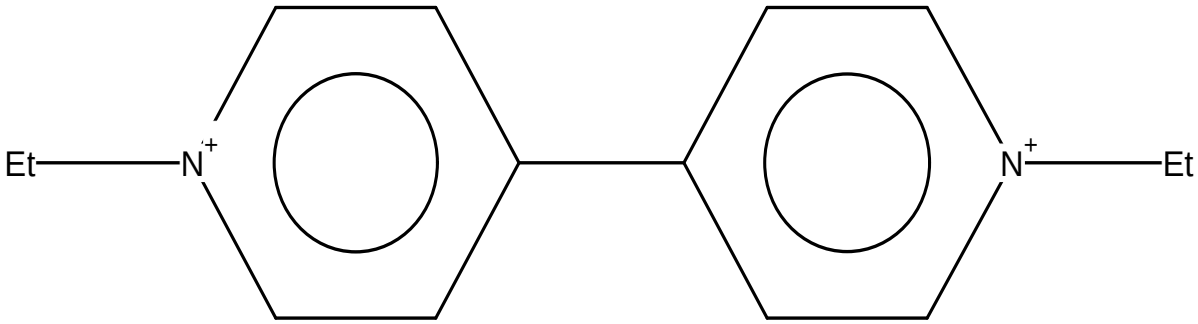
Formula: $3(C_{14}\ H_{18}\ N_2\ ^{2+}),2(H_6\ K_1\ O_3\ ^{1+}),2(C_6\ Fe_1\ N_6\ ^{4-}),19(H_2\ O_1)$

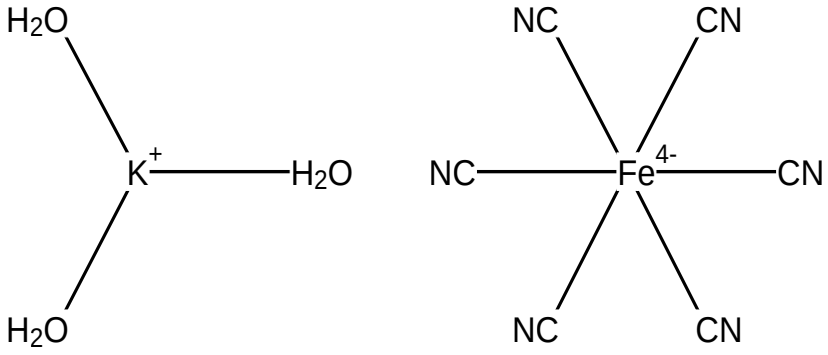
Compound Name: tris(N,N'-Diethyl-4,4'-bipyridinium) bis(triaqua-potassium) bis(hexacyanoferrate(ii)) nonadecahydrate

Synonym: tris(Diethyl viologen) bis(triaqua-potassium) bis(hexacyanoferrate(ii)) nonadecahydrate

Space Group:	P-3c1	***Cell:***	***a***	15.043(1)	***b***	15.043(1)	***c*** 20.853(5)
Space Group No.:	165	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.29 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.296





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1962

QEZYAV

Reference: S.A.Kostina, A.B.Ilyukhin, B.V.Lokshin, V.Yu.Kotov (2001) *Mendeleev Commun.* ,12

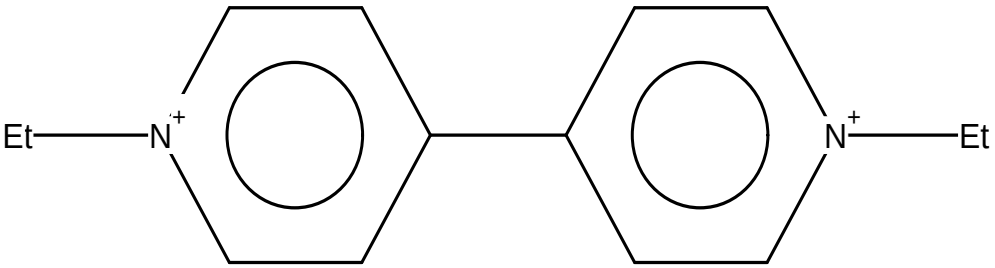
Formula: $3(C_{14}\ H_{18}\ N_2\ ^{2+}),2(H_6\ K_1\ O_3\ ^{1+}),2(C_6\ N_6\ Ru_1\ ^{4-}),19(H_2\ O_1)$

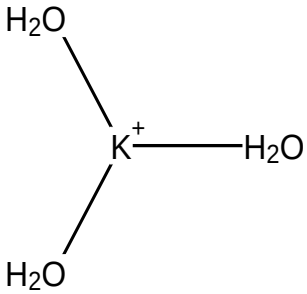
Compound Name: tris(N,N'-Diethyl-4,4'-bipyridinium) bis(triaqua-potassium) bis(hexacyanoruthenate(ii)) nonadecahydrate

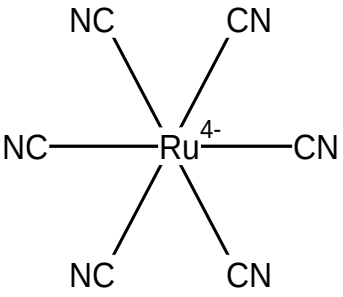
Synonym: tris(Diethyl viologen) bis(triaqua-potassium) bis(hexacyanoruthenate(ii)) nonadecahydrate

Space Group:	P-3c1	***Cell:***	***a***	15.157(1)	***b***	15.157(1)	***c*** 20.956(5)
Space Group No.:	165	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.19 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.343







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1963

QIBTAW

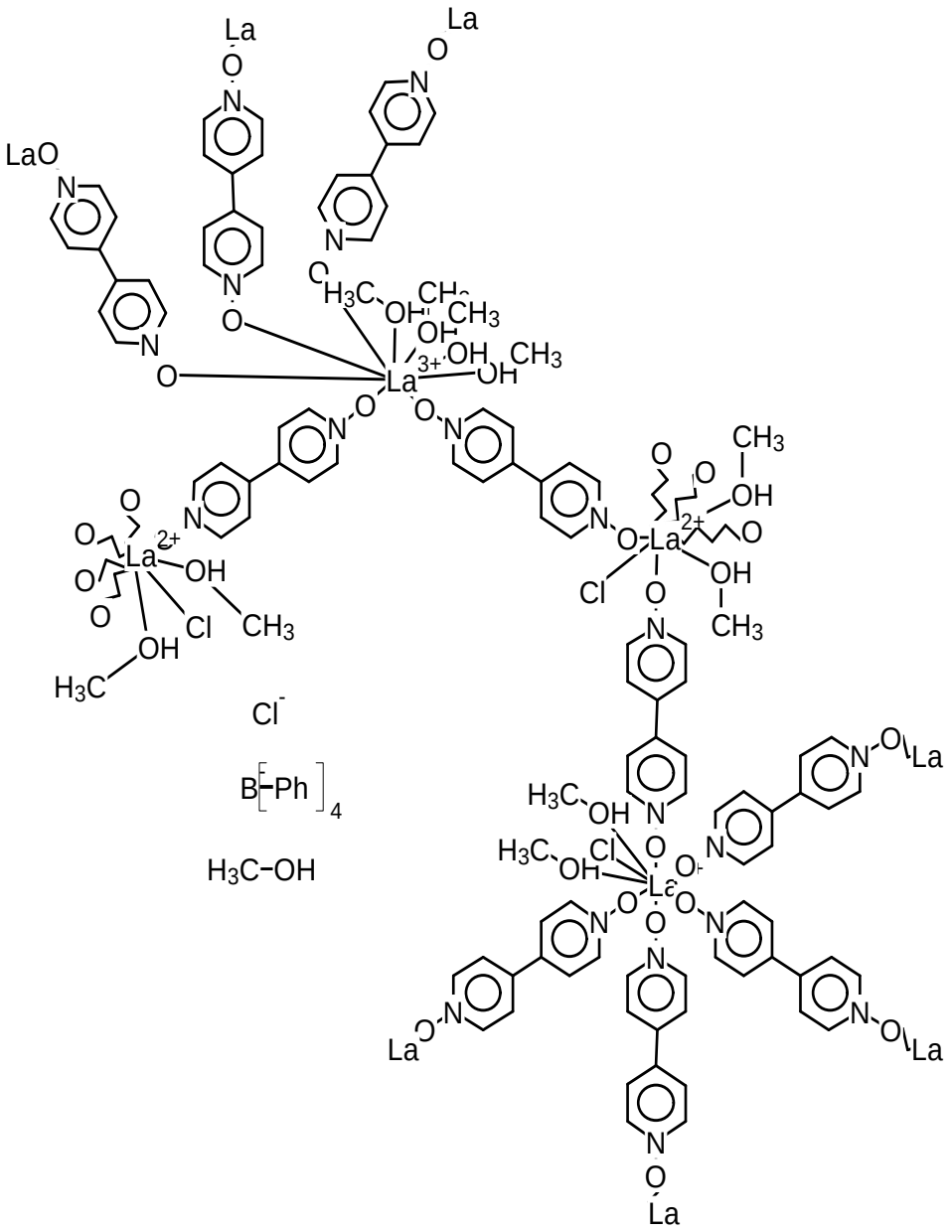
Reference: D.-L.Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *J.Am.Chem.Soc.* ,**123,**3401

Formula: $(C_{110}\ H_{120}\ Cl_3\ La_4\ N_{20}\ O_{30}\ ^{9+})n,n(Cl_1\ ^{1-}),8n(C_{24}\ H_{20}\ B_1\ ^{1-}),22n(C_1\ H_4\ O_1)$

Compound Name: catena-(decakis(μ_2-4,4'-Bipyridine-N,N'-dioxide)-decakis(methanol)-trichloro-tetra-lanthanum(iii) chloride octakis(tetraphenylborate) methanol solvate)

Space Group:	Pc	***Cell:***	***a***	15.134(3)	***b***	47.621(8)	***c***	22.431(4)
Space Group No.:	7	***(Å,°)***	α	90.00	β	91.95(0)	γ	90.00

R-Factor (%): 9.10 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.266



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1964

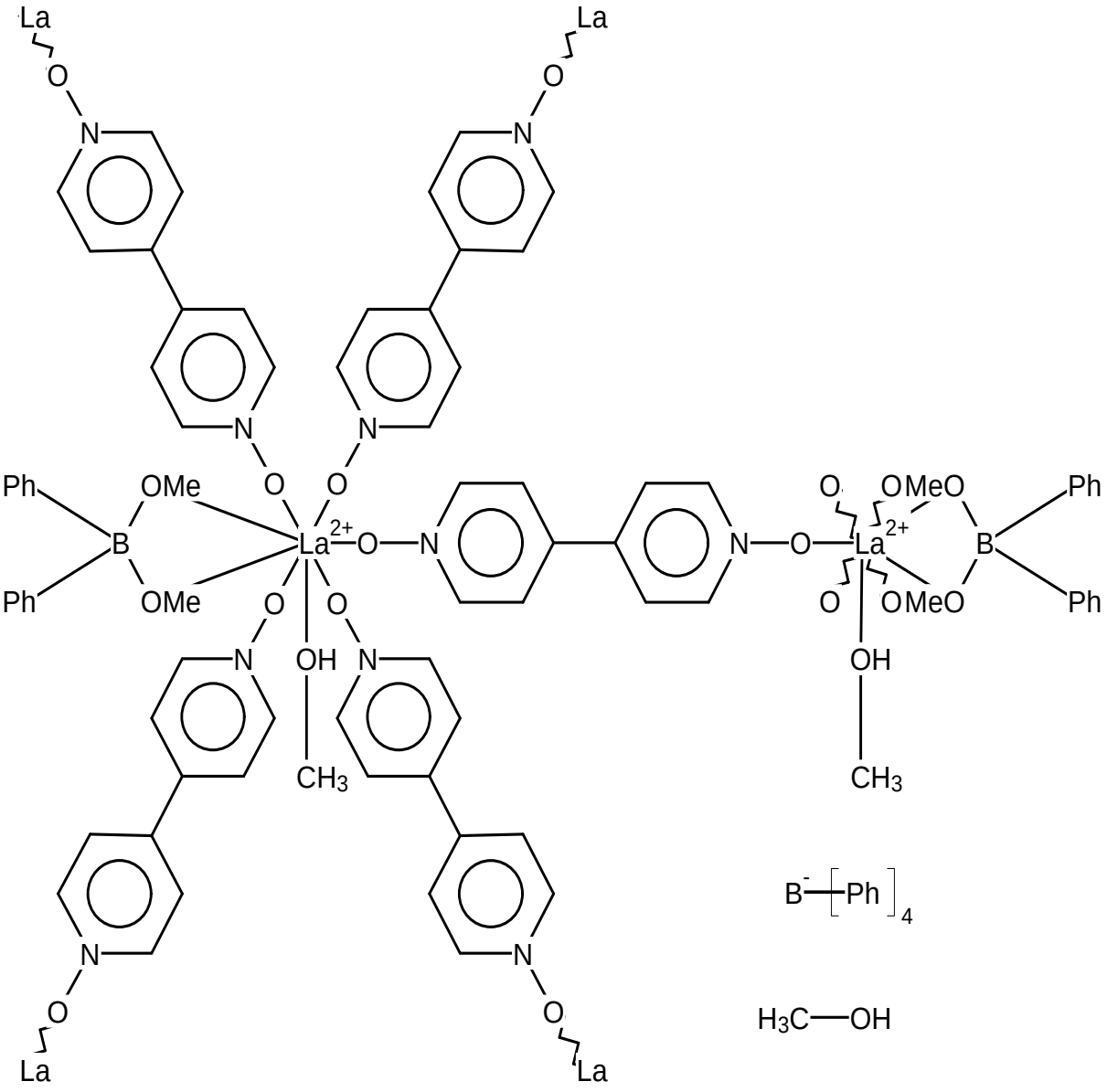
QIBTEA

Reference: D.-L.Long, A.J.Blake, N.R.Champness, C.Wilson, M.Schroder (2001) *J.Am.Chem.Soc.* ,**123,**3401

Formula: $(C_{80}\ H_{80}\ B_2\ La_2\ N_{10}\ O_{16}\ ^{4+})n,4n(C_{24}\ H_{20}\ B_1\ ^{1-}),9n(C_1\ H_4\ O_1)$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine-N,N'-dioxide)-bis(diphenyldimethoxyborate)-bis(methanol)-di-lanthanum(iii) tetrakis(tetraphenylborate) methanol solvate)

Space Group:	Pbcn	***Cell:***	***a***	48.422(7)	***b***	21.958(3)	***c***	15.814(2)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	8.10	***Temperature(K):***	150		***Density(g/cm^3):***		1.305	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1965

QIFHIW

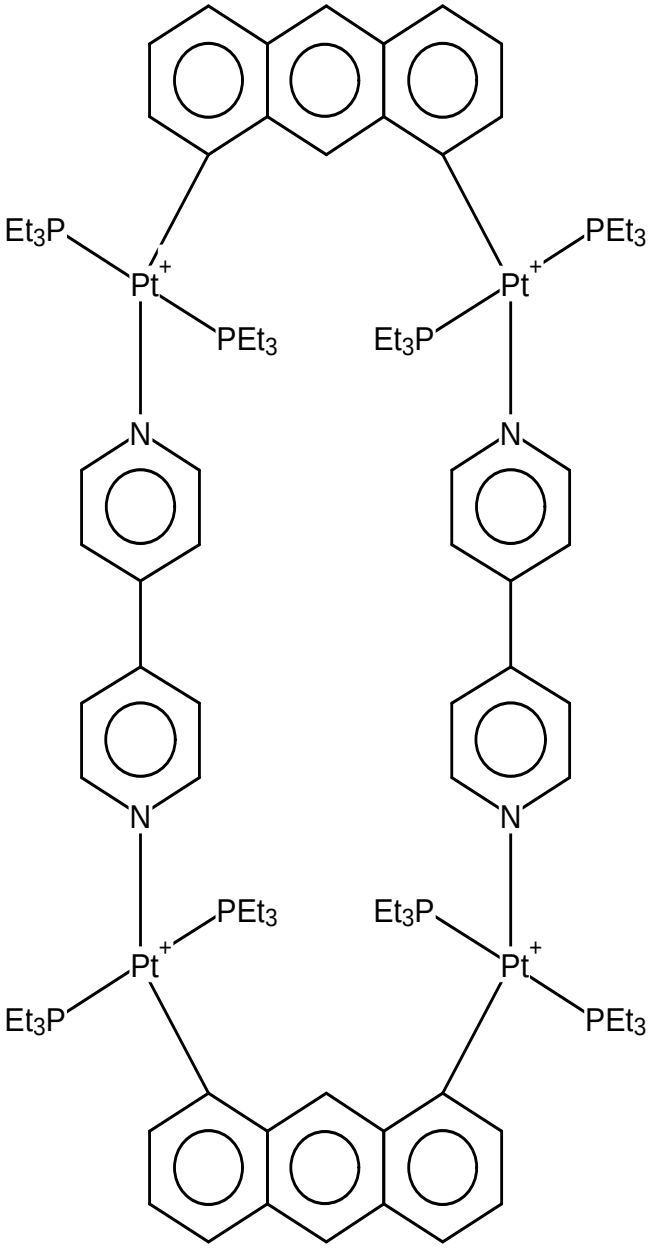
Reference: C.J.Kuehl, C.L.Mayne, A.M.Arif, P.J.Stang (2000) *Org.Lett.* ,**2,**3727

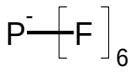
Formula: $C_{96}\ H_{152}\ N_4\ P_8\ Pt_4\ ^{4+}$,4($F_6\ P_1\ ^{1-}$),3($C_2\ H_3\ N_1$)

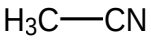
Compound Name: bis((μ_2-Anthracene-1,8-diyl)-(μ_2-4,4'-bipyridyl)-bis(trans-bis(triethylphosphine))-platinum) tetrakis(hexafluorophosphate) acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	20.027(0)	***b*** 15.254(0)	***c***	21.746(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.74(0)	γ	90.00

R-Factor (%): 6.11 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.677







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1966

QIGWEI

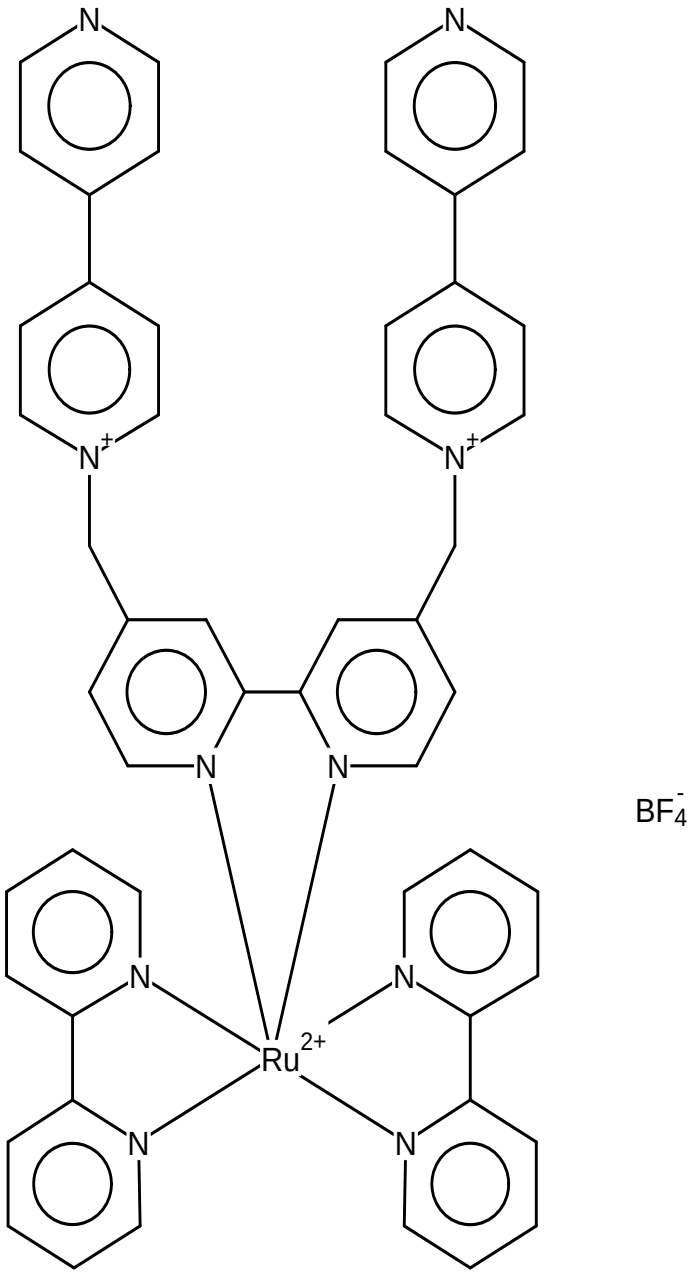
Reference: A.C.Benniston, P.R.Mackie, L.J.Farrugia, G.Smith, S.J.Teat, A.J.McLean (2001) *New J.Chem. ,***25,**458

Formula: $C_{52}\ H_{42}\ N_{10}\ Ru_1\ ^{4+},4(B_1\ F_4\ ^{1-})$

Compound Name: bis(2,2'-bipyridyl)-(4,4'-bis(((4-pyridyl)pyridinium)methyl)-2,2'-bipyridyl)-ruthenium(ii) tetrakis(tetrafluoroborate) unknown solvate

Space Group:	P-1	***Cell:***	***a***	13.103(0)	***b***	13.523(0)	***c*** 16.461(0)
Space Group No.:	2	***(Å,°)***	α	94.58(0)	β	102.82(0)	γ 105.62(0)

R-Factor (%): 5.95 ***Temperature(K):*** 160 ***Density(g/cm^3):*** 1.539



Search: search1 (Thu May 26 10:05:42 2011): Hit 1967

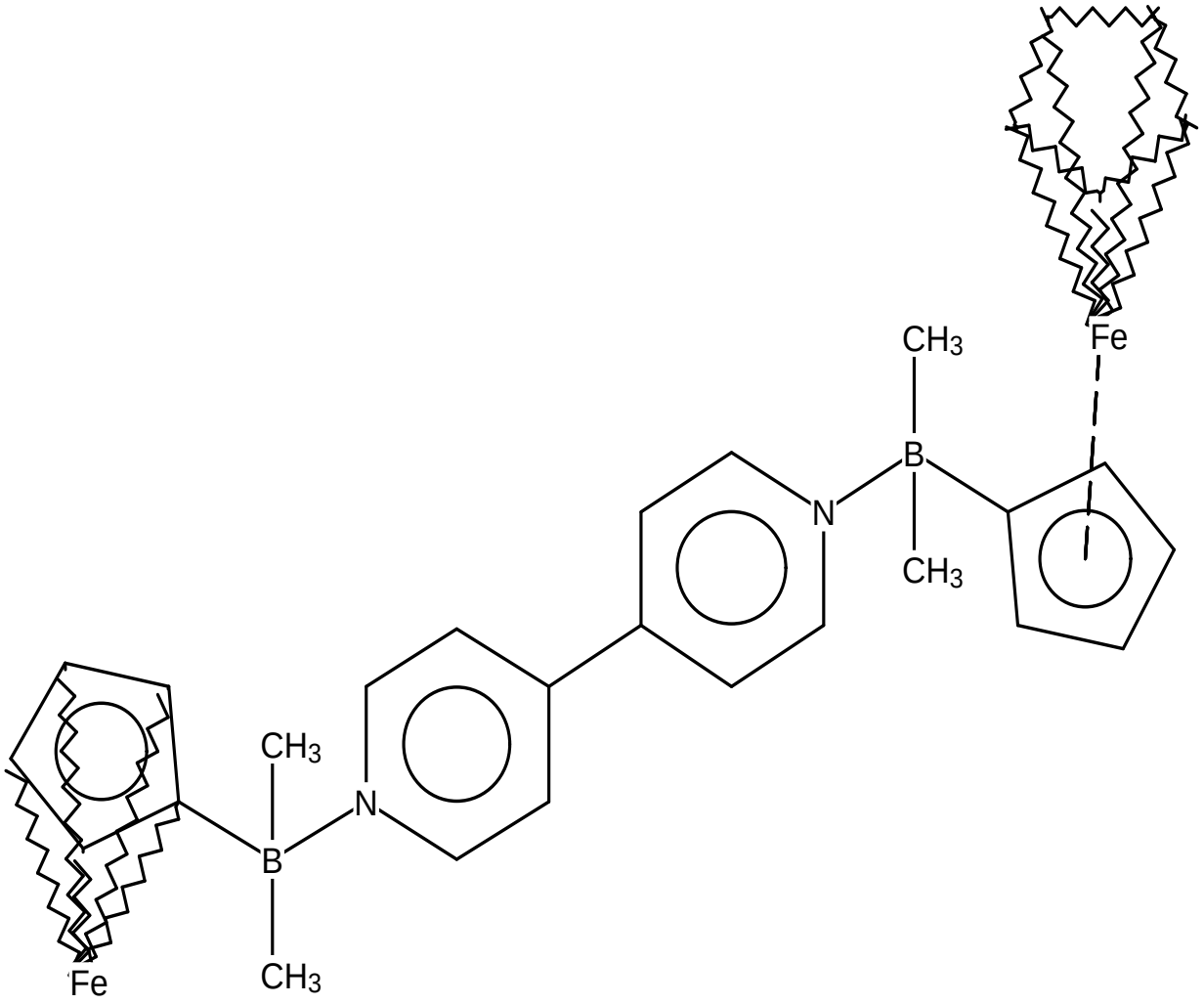
QINGEZ

Reference: R.E.Dinnebier, M.Wagner, F.Peters, K.Shankland, W.I.F.David (2000) *Z.Anorg.Allg.Chem. ,***626,**1400

Formula: $(C_{24}\ H_{28}\ B_2\ Fe_1\ N_2)n$

Compound Name: catena-((μ_2-N,N'-bis((η^5-cyclopentadienyl)(dimethyl)boryl)-4,4'-bipyridine)-iron)

Space Group:	P-1	***Cell:***	***a***	8.337(0)	***b*** 11.438(0)	***c***	12.674(0)
Space Group No.:	2	***(Å,°)***	α	112.07(0)	β 108.98(0)	γ	90.55(0)
R-Factor (%):	6.30	***Temperature(K):***	295		***Density(g/cm^3):***		1.338



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1968

QIQHON

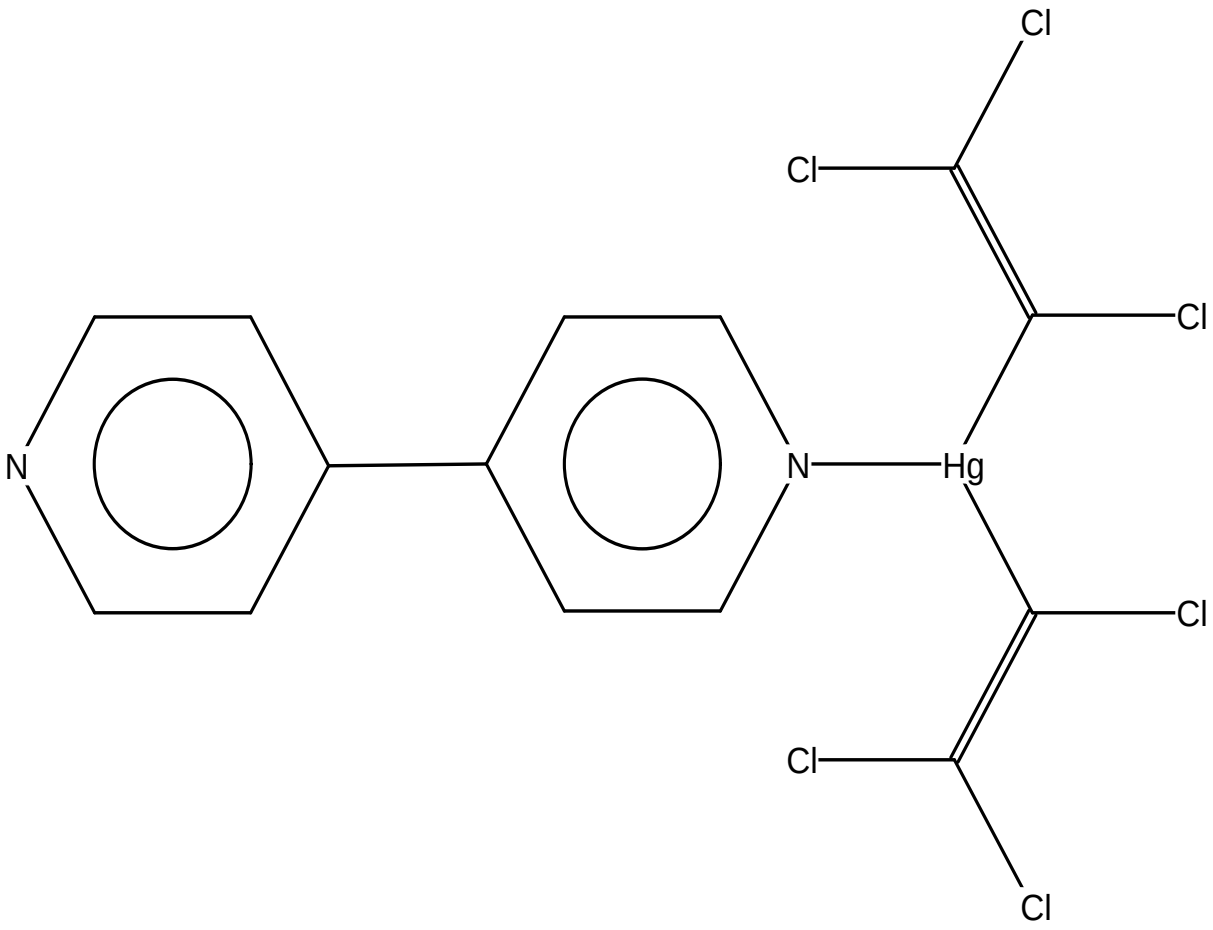
Reference: N.A.Bell, T.Gelbrich, M.B.Hursthouse, M.E.Light, A.Wilson (2000) *Polyhedron* ,**19,**2539

Formula: $C_{14}\ H_8\ Cl_6\ Hg_1\ N_2$

Compound Name: (4,4'-Bipyridyl)-bis(trichlorovinyl)-mercury(ii)

Space Group:	C2/c	***Cell:***	***a***	12.653(0)	***b***	15.064(0)	***c***	9.539(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.63(0)	γ	90.00

R-Factor (%): 2.87 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.263



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1969

QISJOR

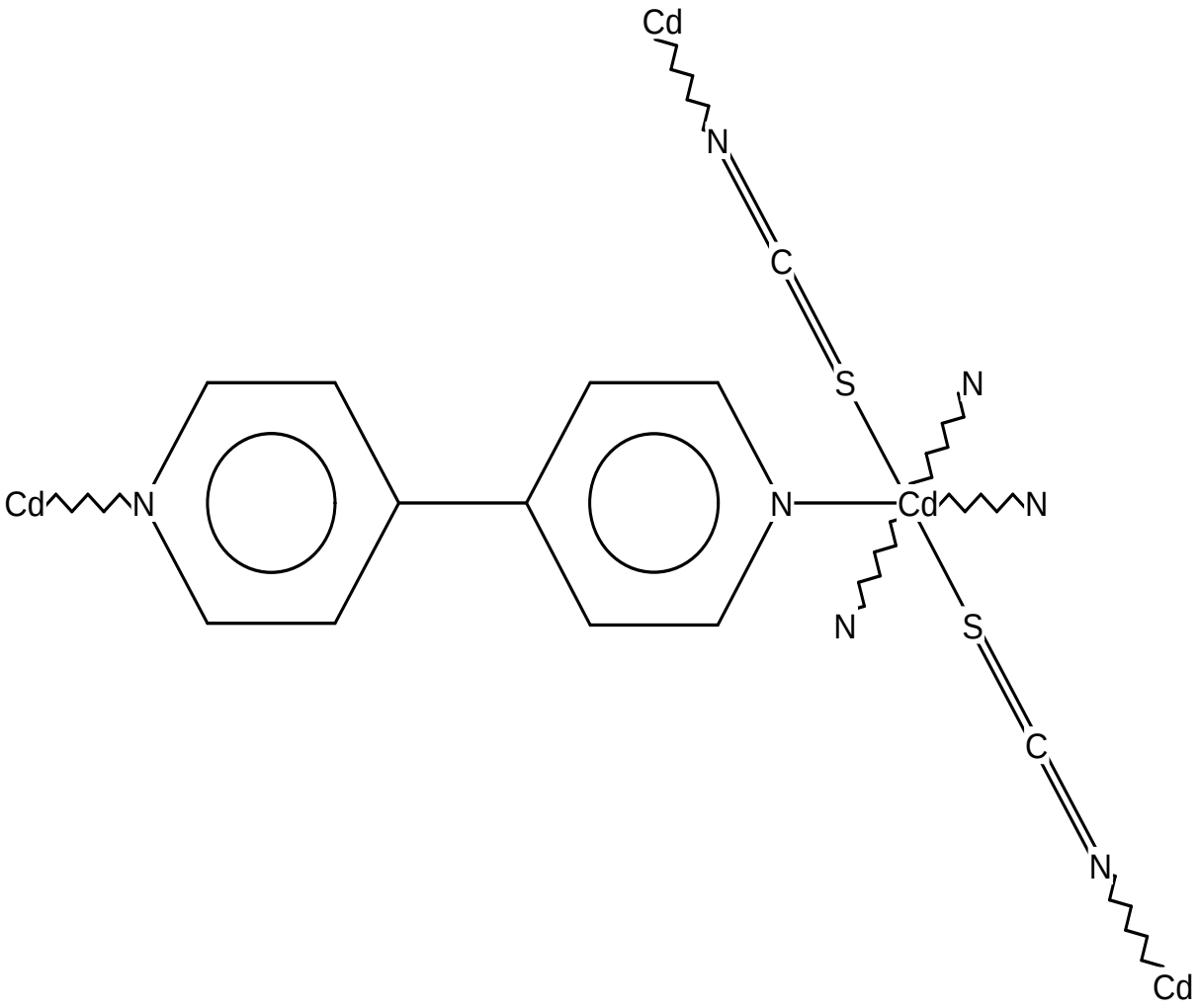
Reference: L.Pan, N.W.Zheng, Y.G.Wu, X.L.Jin, X.Y.Huang (1999)
J.Coord.Chem. ,**47,**269

Formula: $(C_{12}\ H_8\ Cd_1\ N_4\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-thiocyanato-N,S)-cadmium)

Space Group:	C2/c	***Cell:***	***a***	11.902(2)	***b***	11.745(2)	***c*** 10.500(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	109.71(3)	γ 90.00

R-Factor (%): 3.05 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.849



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1970

QISJOR01

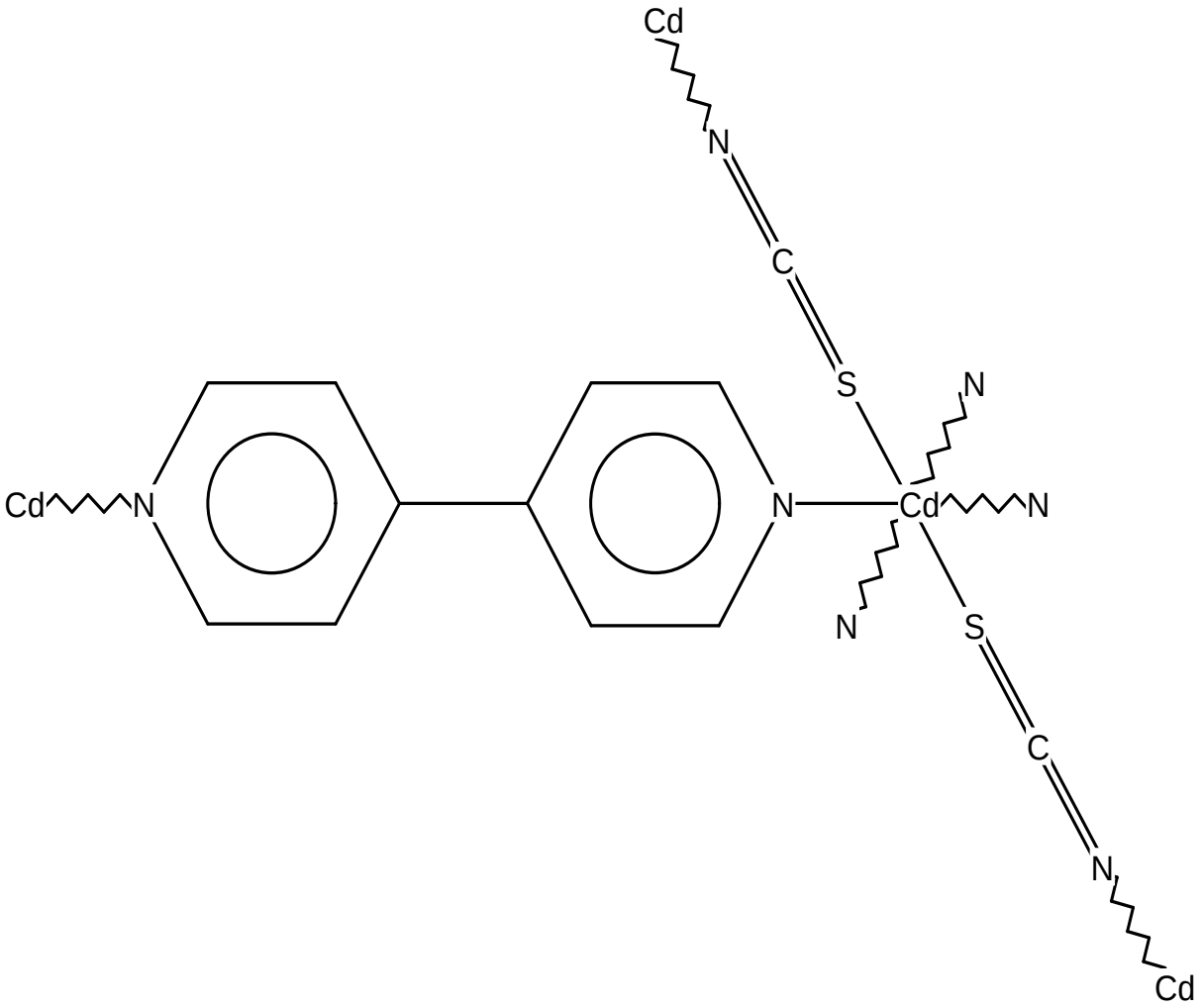
Reference: Guang Yang, S.W.Ng (2004) *Private Communication* ,

Formula: $(C_{12}\ H_8\ Cd_1\ N_4\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-thiocyanato-N,S)-cadmium)

Space Group:	C2/c	***Cell:***	***a***	11.921(1)	***b*** 11.764(1)	***c***	10.521(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.68(0)	γ	90.00

R-Factor (%): 2.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.839



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1971

QISVAQ

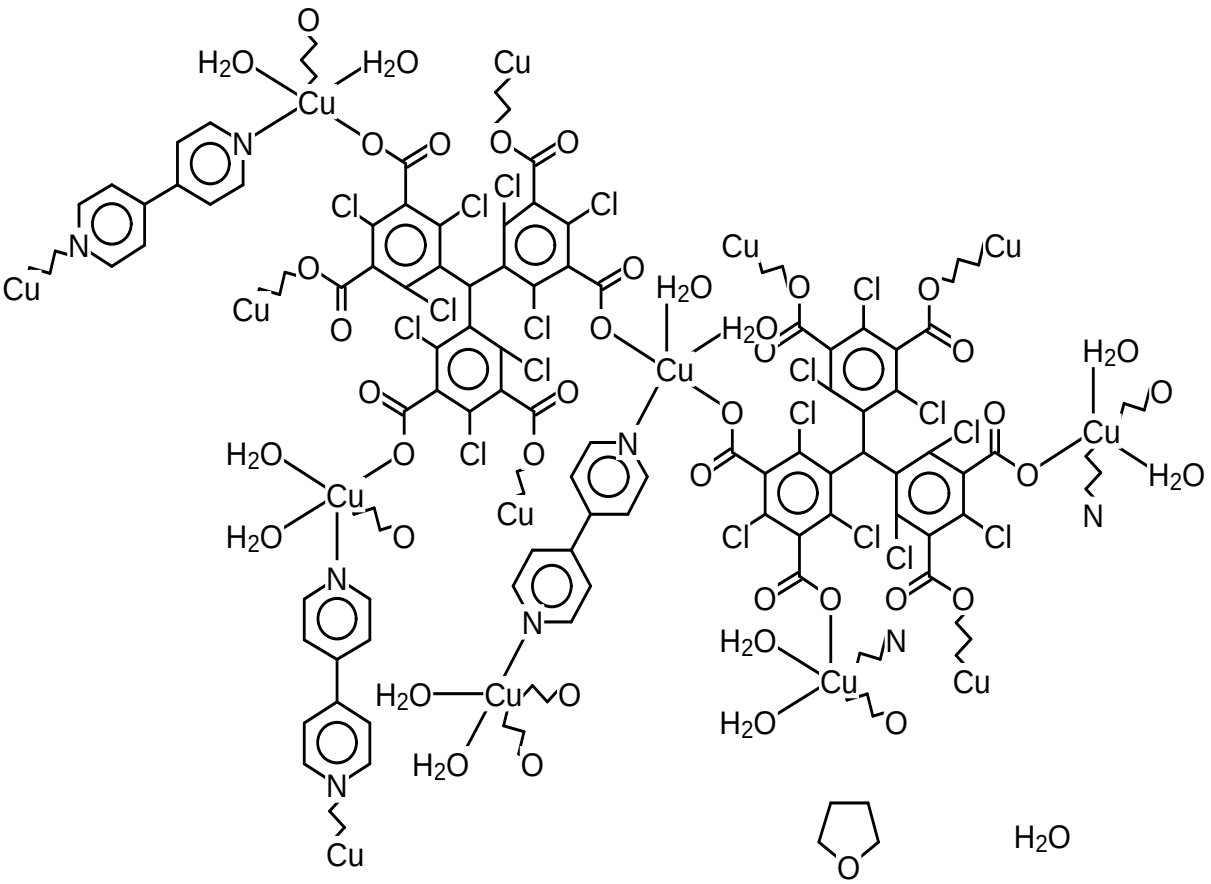
Reference: N.Roques, D.Maspoch, F.Luis, A.Camon, K.Wurst, A.Datcu, C.Rovira, D.Ruiz-Molina, J.Veciana (2008) *J.Mater.Chem.* , **18,**98

Formula: $(C_{80}\ H_{48}\ Cl_{18}\ Cu_6\ N_6\ O_{36})n,2.4n(C_4\ H_8\ O_1),4.6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_6-5,5',5''-methanetriyltris(2,4,6-trichlorobenzene-1,3-dicarboxylato) radical)-tris(μ_2-4,4'-bipyridine)-dodeca-aqua-hexa-copper(ii) tetrahydrofuran solvate hydrate)

Space Group:	R-3c	***Cell:***	***a***	22.353(0)	***b***	22.353(0)	***c*** 41.146(0)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.56 ***Temperature(K):*** 233 ***Density(g/cm3):*** 1.648



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1972

QISVEU

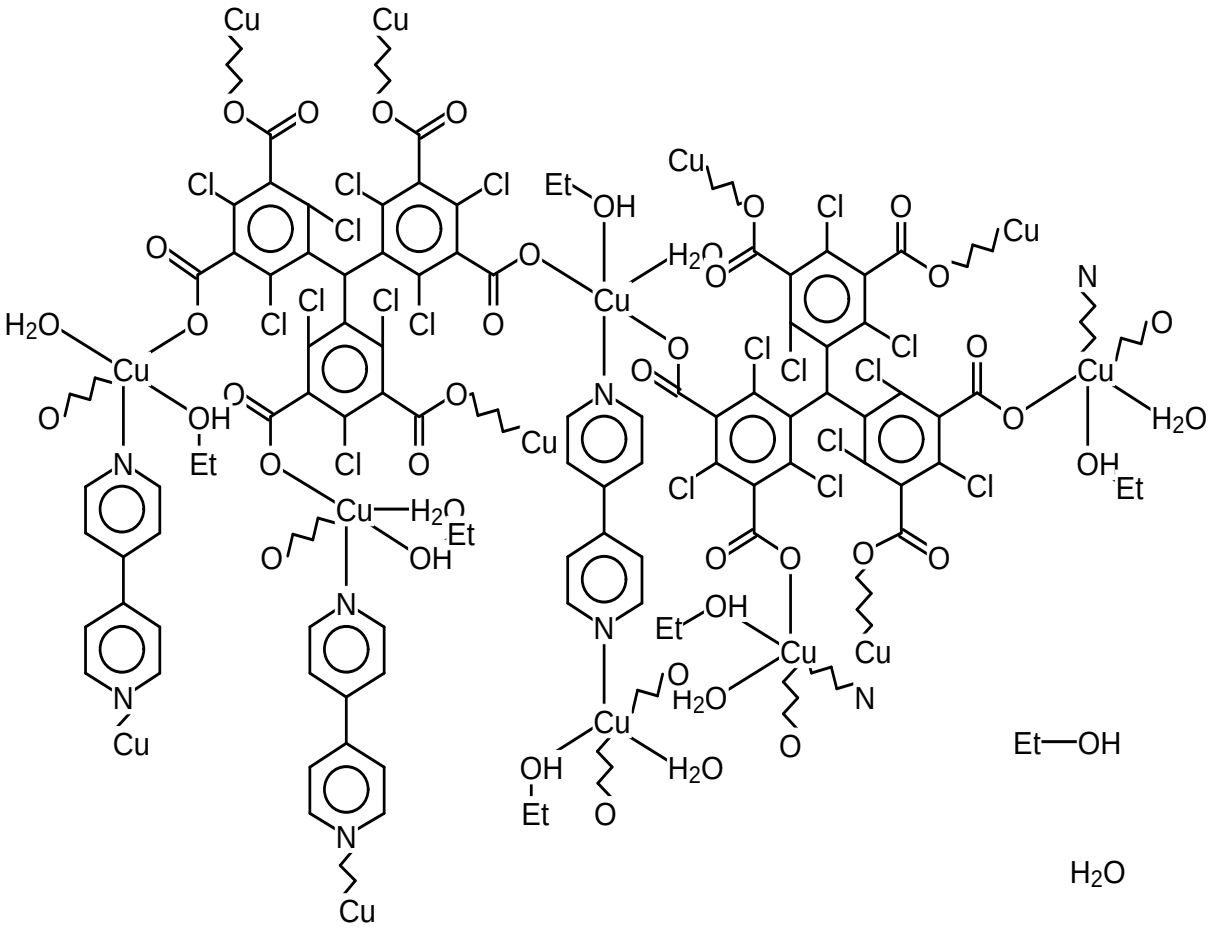
Reference: N.Roques, D.Maspoch, F.Luis, A.Camon, K.Wurst, A.Datcu, C.Rovira, D.Ruiz-Molina, J.Veciana (2008) *J.Mater.Chem.* , **18,**98

Formula: $(C_{92}\ H_{74}\ Cl_{18}\ Cu_6\ N_6\ O_{36})n,3n(C_2\ H_6\ O_1),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_6-5,5',5''-methanetriyltris(2,4,6-trichlorobenzene-1,3-dicarboxylato))-tris(μ_2-4,4'-bipyridine)-hexaaqua-hexaethanol-hexa-copper(ii) ethanol solvate monohydrate)

Space Group:	R-3c	***Cell:***	***a***	22.448(0)	***b***	22.448(0)	***c*** 41.172(0)
Space Group No.:	167	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.06 ***Temperature(K):*** 233 ***Density(g/cm3):*** 1.672



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1973

QIVBUT

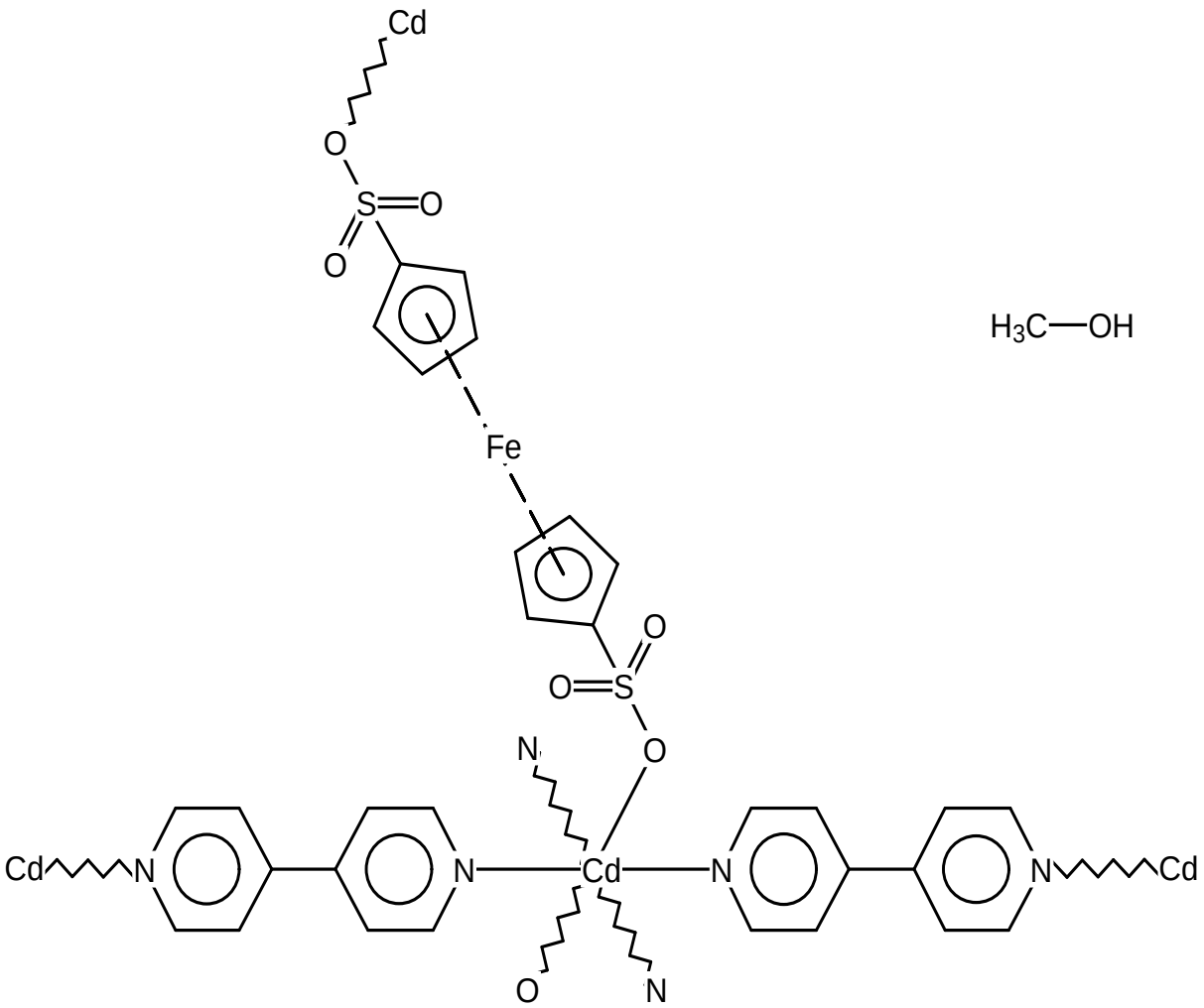
Reference: Liwei Mi, Hongwei Hou, Zhiyong Song, Huayun Han, Hong Xu, Yaoting Fan, S.W.Ng (2007) *Cryst.Growth Des. ,***7,**2553

Formula: $(C_{30}\ H_{24}\ Cd_1\ Fe_1\ N_4\ O_6\ S_2)n,4n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-Ferrocene-1,1'-disulfonato)-bis(μ_2-4,4'-bipyridyl)-cadmium(ii) methanol clathrate)

Space Group:	P21212	***Cell:***	***a***	11.831(3)	***b***	13.490(4)	***c*** 11.700(3)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.595



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1974

QIVXEZ

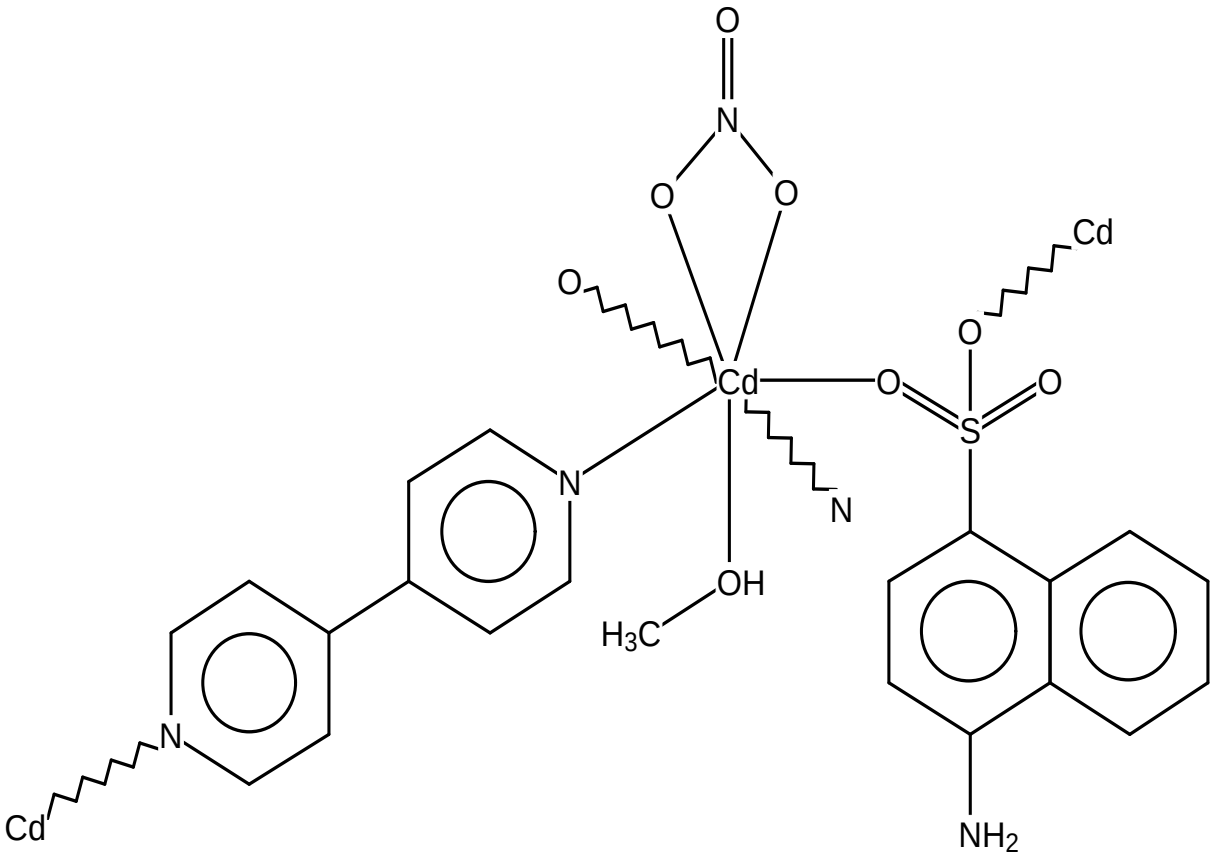
Reference: Li-Wei Mi, Min-Le Han, Da-Peng Li, Wei-Hua Chen, Zhi Zheng (2008) *Z.Anorg.Allg.Chem.* ,**634,**373

Formula: $(C_{21}\ H_{20}\ Cd_1\ N_4\ O_7\ S_1)n$

Compound Name: catena-[(μ_2-4-Aminonaphthalene-1-sulfonato)-(μ_2-4,4'-bipyridyl)-methanol-nitrato-cadmium(ii)]

Space Group:	P212121	***Cell:***	***a***	11.632(1)	***b***	12.871(1)	***c***	14.581(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.50 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.780



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1975

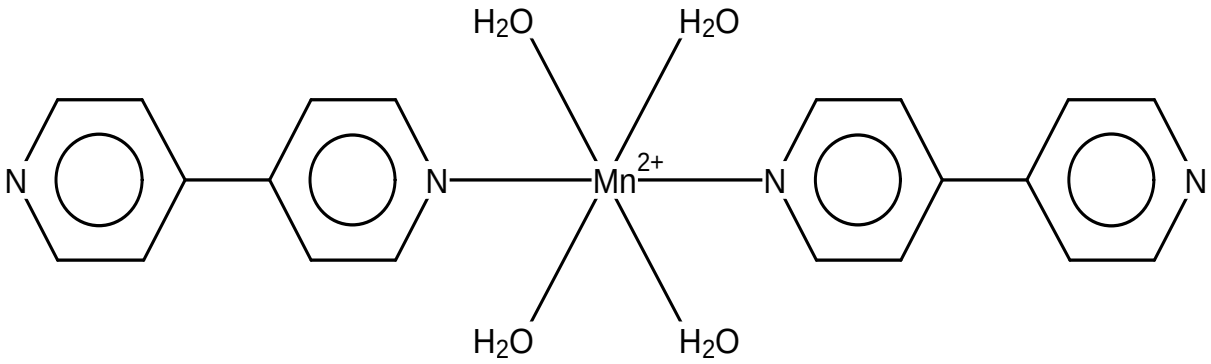
QIVZEB

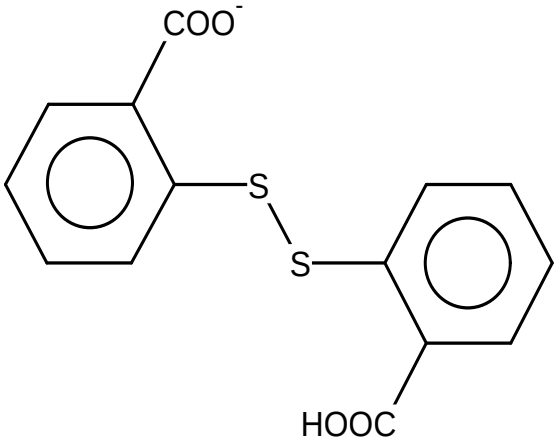
Reference: Zi Liang Wang, Li Rong Yang, Jing Ping Wang (2007) *Z.Naturforsch.,B:Chem.Sci.* ,**62,**1487

Formula: $C_{20}\ H_{24}\ Mn_1\ N_4\ O_4\ ^{2+}$,2($C_{14}\ H_9\ O_4\ S_2\ ^{1-}$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-manganese(ii) bis(hydrogen 2,2'-dithiobis(benzoate))

Space Group:	P-1	***Cell:***	***a***	7.742(1)	***b***	11.124(2)	***c*** 14.135(3)
Space Group No.:	2	***(Å,°)***	α	70.43(0)	β	87.98(0)	γ 80.14(0)
R-Factor (%):	3.92	***Temperature(K):***	298	***Density(g/cm^3):***	1.543		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1976

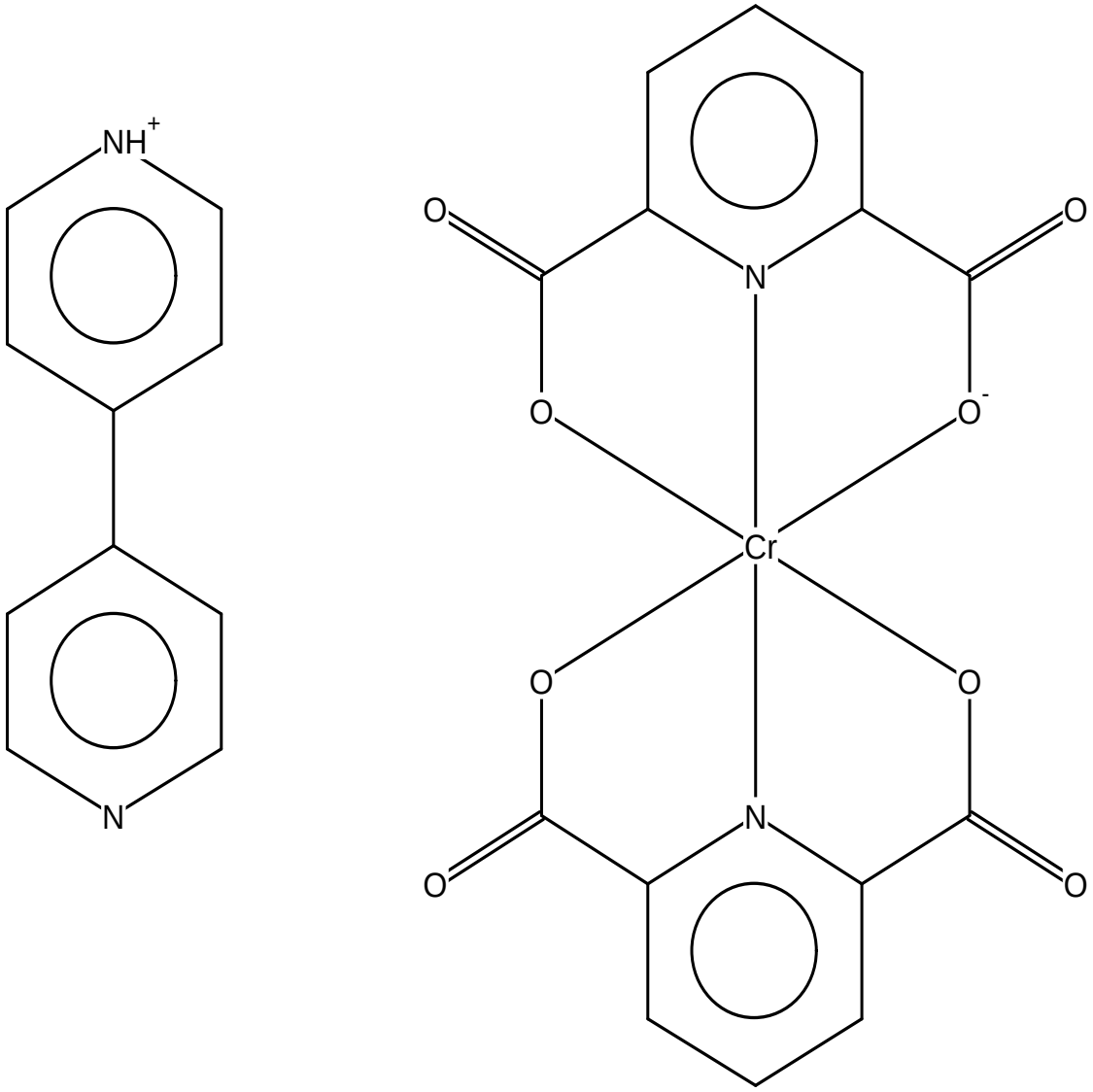
QIXHOV

Reference: J.Soleimannejad, H.Aghabozorg, S.Hooshmand (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**64,**m564

Formula: $C_{10}\,H_9\,N_2\,^{1+},C_{14}\,H_6\,Cr_1\,N_2\,O_8\,^{1-},4(H_2\,O_1)$

Compound Name: 4-(4-Pyridyl)pyridinium bis(pyridine-2,6-dicarboxylato-N,O,O')-chromium(iii) tetrahydrate

Space Group:	P-1	***Cell:***	***a*** 9.379(1)	***b*** 9.411(1)	***c*** 14.542(3)
Space Group No.:	2	***(Å,°)***	α 84.71(3)	β 89.78(3)	γ 87.25(3)
R-Factor (%):	3.76	***Temperature(K):***	150	***Density(g/cm^3):***	1.591



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1977

QIYHOW

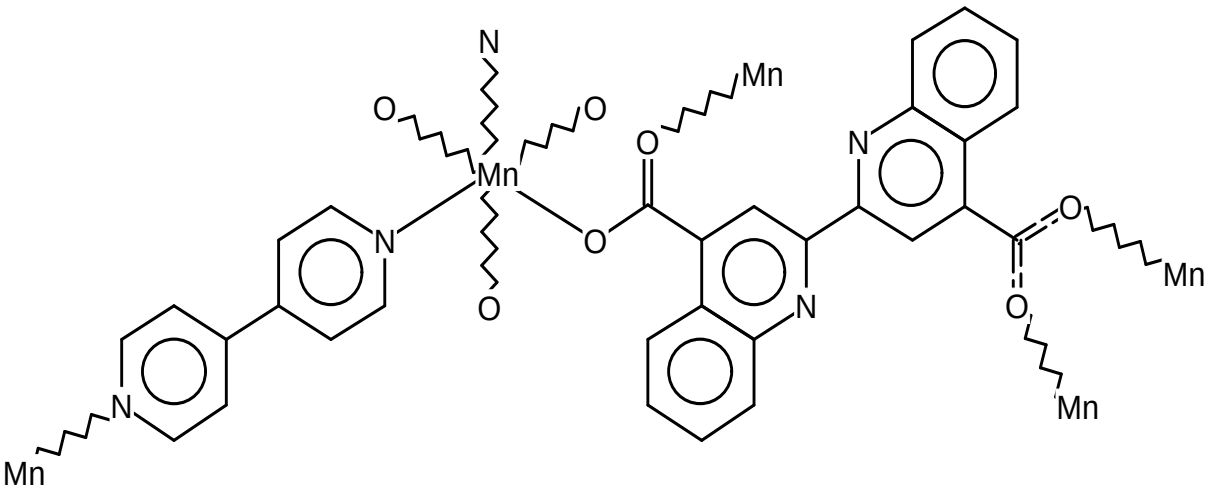
Reference: Ya-Nan Zhang, Jian-Qiang Liu, Tong Wang, Gui-Lin Wen, Guo-Ping Yang, Yao-Yu Wang, Qi-Zhen Shi (2008) *J.Mol.Struct.* ,**878,** 116

Formula: $(C_{30}\ H_{18}\ Mn_1\ N_4\ O_4)n$

Compound Name: catena-((μ_4-2,2'-biquinoline-4,4'-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	4.730(0)	***b*** 11.443(1)	***c***	11.817(1)
Space Group No.:	2	***(Å,°)***	α	103.54(0)	β 101.24(0)	γ	91.35(0)

R-Factor (%): 4.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.511



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1978

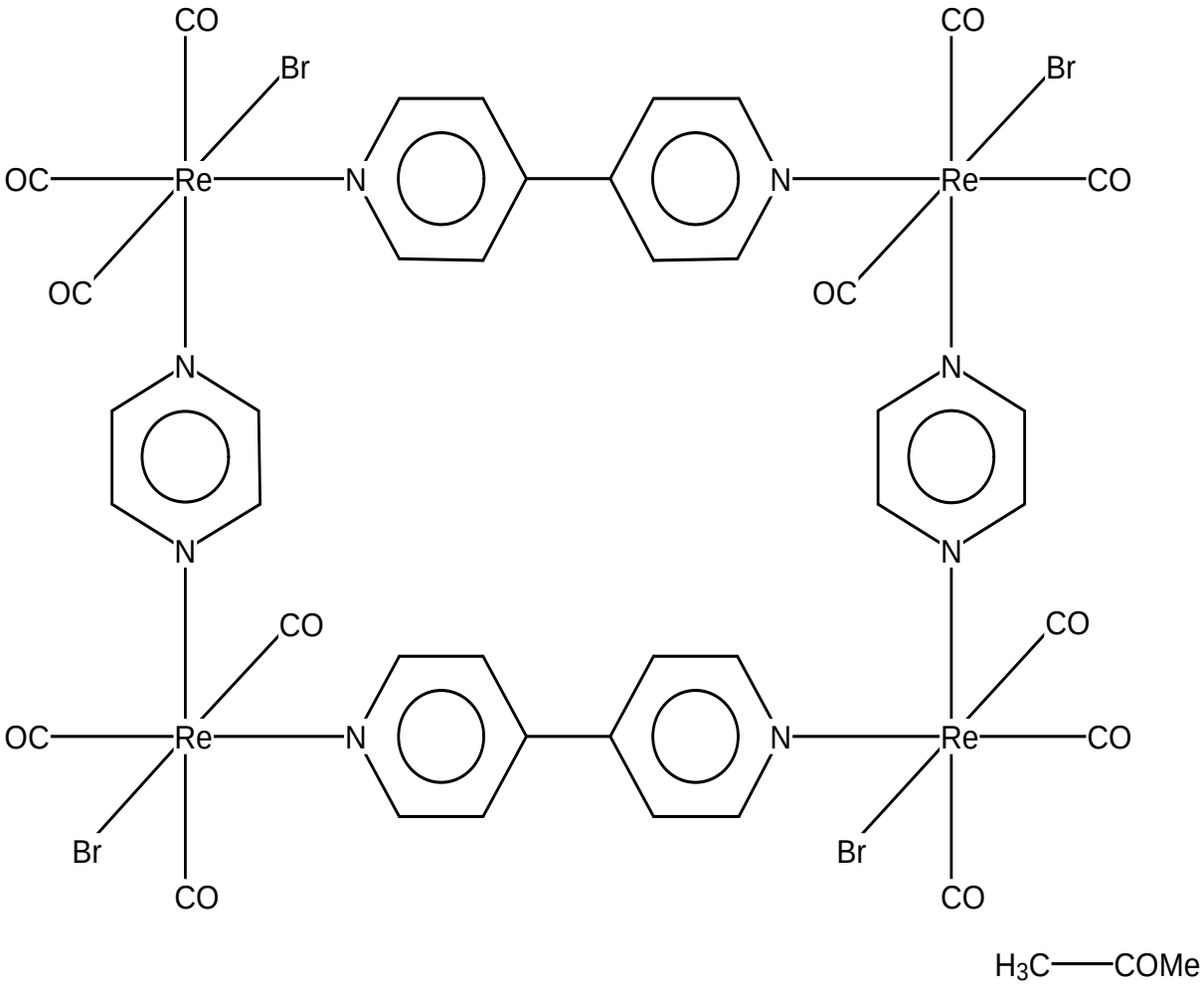
QIYWEA

Reference: T.Rajendran, B.Manimaran, Fang-Yuan Lee, Gene-Hsiang Lee, Shie-Ming Peng, Chong Mou Wang, Kuang-Lieh Lu (2000) *Inorg.Chem.* ,**39,**2016

Formula: $C_{40}\ H_{24}\ Br_4\ N_8\ O_{12}\ Re_4$,6($C_3\ H_6\ O_1$)

Compound Name: bis((μ$_2$-4,4'-Bipyridyl)-(μ$_2$-pyrazine)-dibromo-hexacarbonyl-di-rhenium) acetone solvate

Space Group:	P21/c	***Cell:***	***a***	12.089(0)	***b***	24.298(0)	***c*** 12.872(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	107.92(0)	γ 90.00
R-Factor (%):	3.56	***Temperature(K):***	150		***Density(g/cm^3):***		2.051



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1979

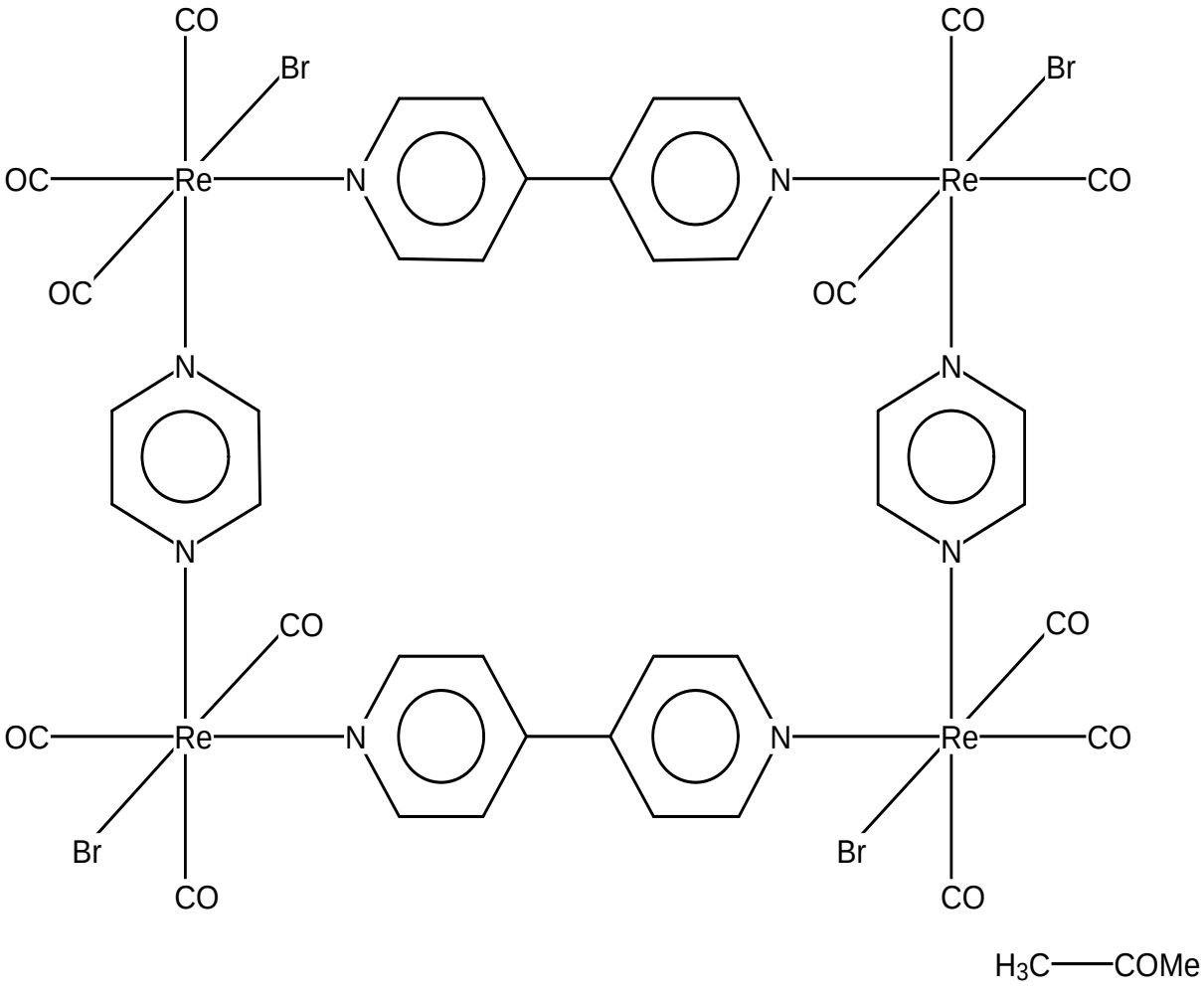
QIYWEA01

Reference: T.Rajendran, B.Manimaran, Rong-Tang Liao, Ren-Jay Lin, P.Thansekaran, Gene-Hsiang Lee, Shie-Ming Peng, Yen-Hsiang Liu, I-Jy Chang, S.Rajagopal, Kuang-Lieh Lu (2003) *Inorg.Chem. ,***42,**6388

Formula: $C_{40}\ H_{24}\ Br_4\ N_8\ O_{12}\ Re_4$,6($C_3\ H_6\ O_1$)

Compound Name: bis((μ_2-4,4'-Bipyridyl)-(μ_2-pyrazine)-dibromo-hexacarbonyl-di-rhenium) acetone solvate

Space Group:	P21/c	***Cell:***	***a***	12.089(0)	***b***	24.298(0)	***c*** 12.872(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	107.92(0)	γ 90.00
R-Factor (%):	3.56	***Temperature(K):***	150		***Density(g/cm^3):***		2.051



H_3C——COMe

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1980

QIZJIT

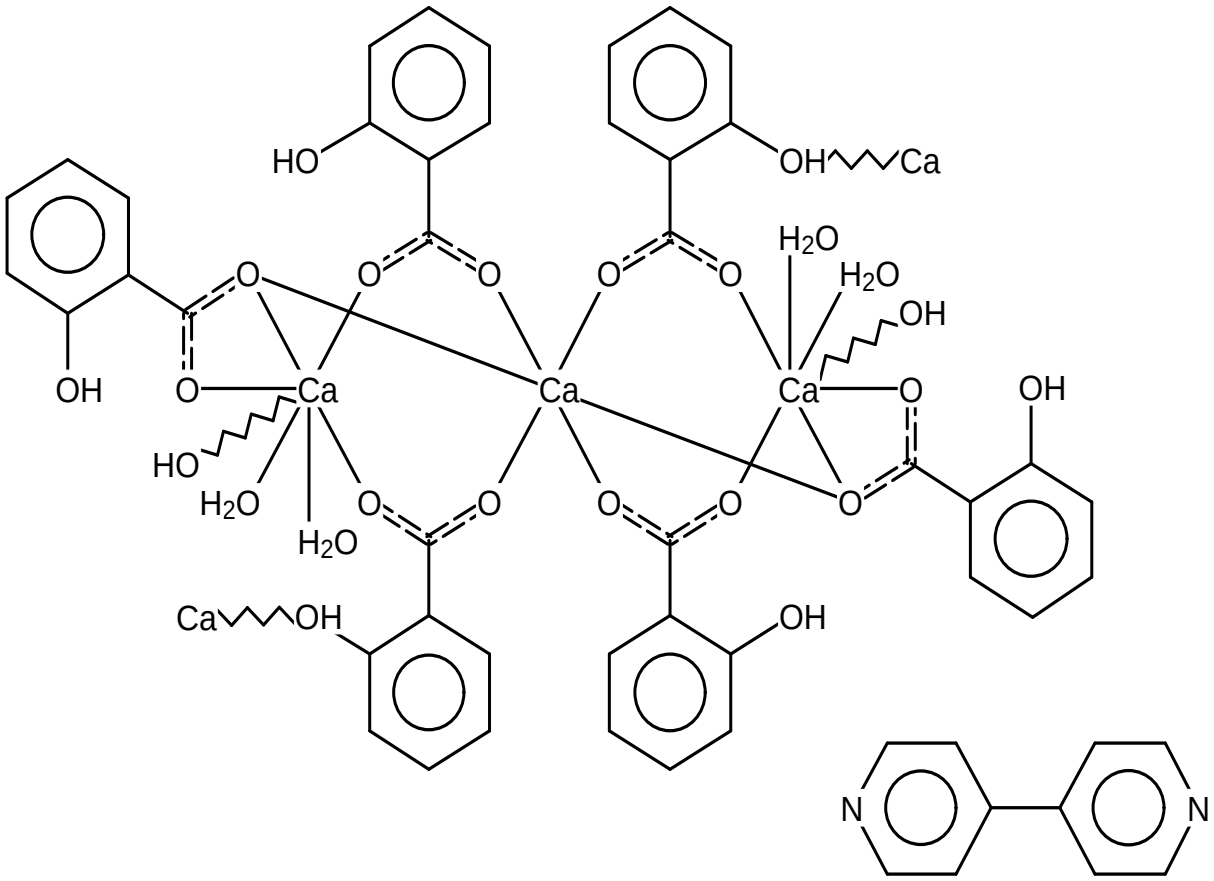
Reference: R.Murugavel, R.Korah (2007) *Inorg.Chem.* ,**46,**11048

Formula: $(C_{42}\ H_{38}\ Ca_3\ O_{22})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_3-Salicylato-O,O',O'')-bis(μ_2-salicylato-O,O,O')-bis(μ_2-salicylato-O,O')-tetraaqua-tri-calcium bis(4,4'-bipyridine))

Space Group:	P-1	***Cell:***	***a***	10.199(1)	***b***	11.988(3)	***c*** 14.257(3)
Space Group No.:	2	***(Å,°)***	α	67.05(2)	β	77.69(2)	γ 74.00(2)

R-Factor (%): 2.99 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.439



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1981

QIZJOZ

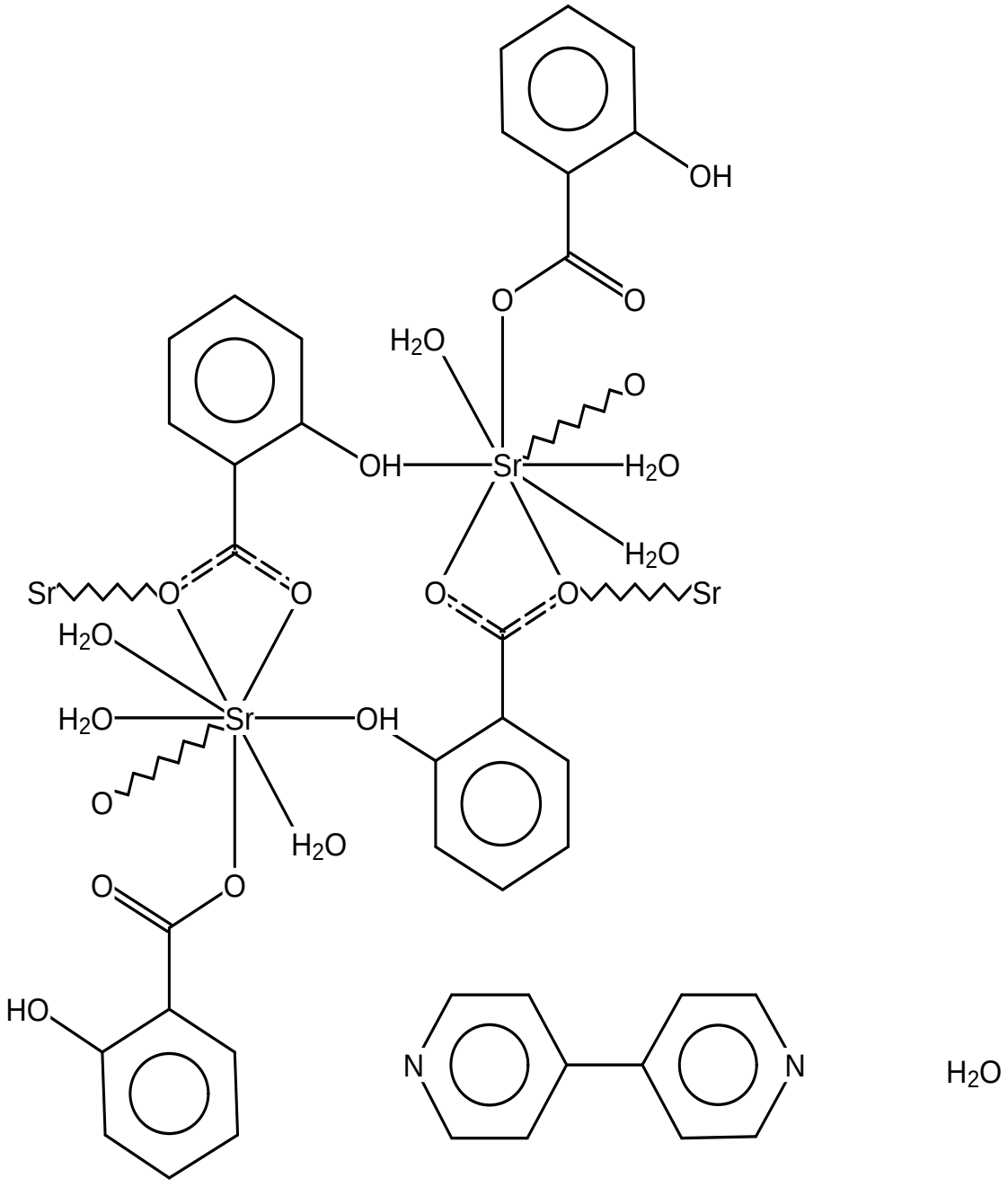
Reference: R.Murugavel, R.Korah (2007) *Inorg.Chem.* ,**46,**11048

Formula: $(C_{28}\ H_{32}\ O_{18}\ Sr_2)n,3n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Salicylato-O,O,O',O'')-bis(salicylato-O)-hexaaqua-di-strontium tris(4,4'-bipyridine) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.226(1)	***b***	11.893(2)	***c***	13.354(4)
Space Group No.:	2	***(Å,°)***	α	88.00(1)	β	82.00(1)	γ	82.51(1)

R-Factor (%): 3.01 ***Temperature(K):*** 151 ***Density(g/cm^3):*** 1.543



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1982

QIZJUF

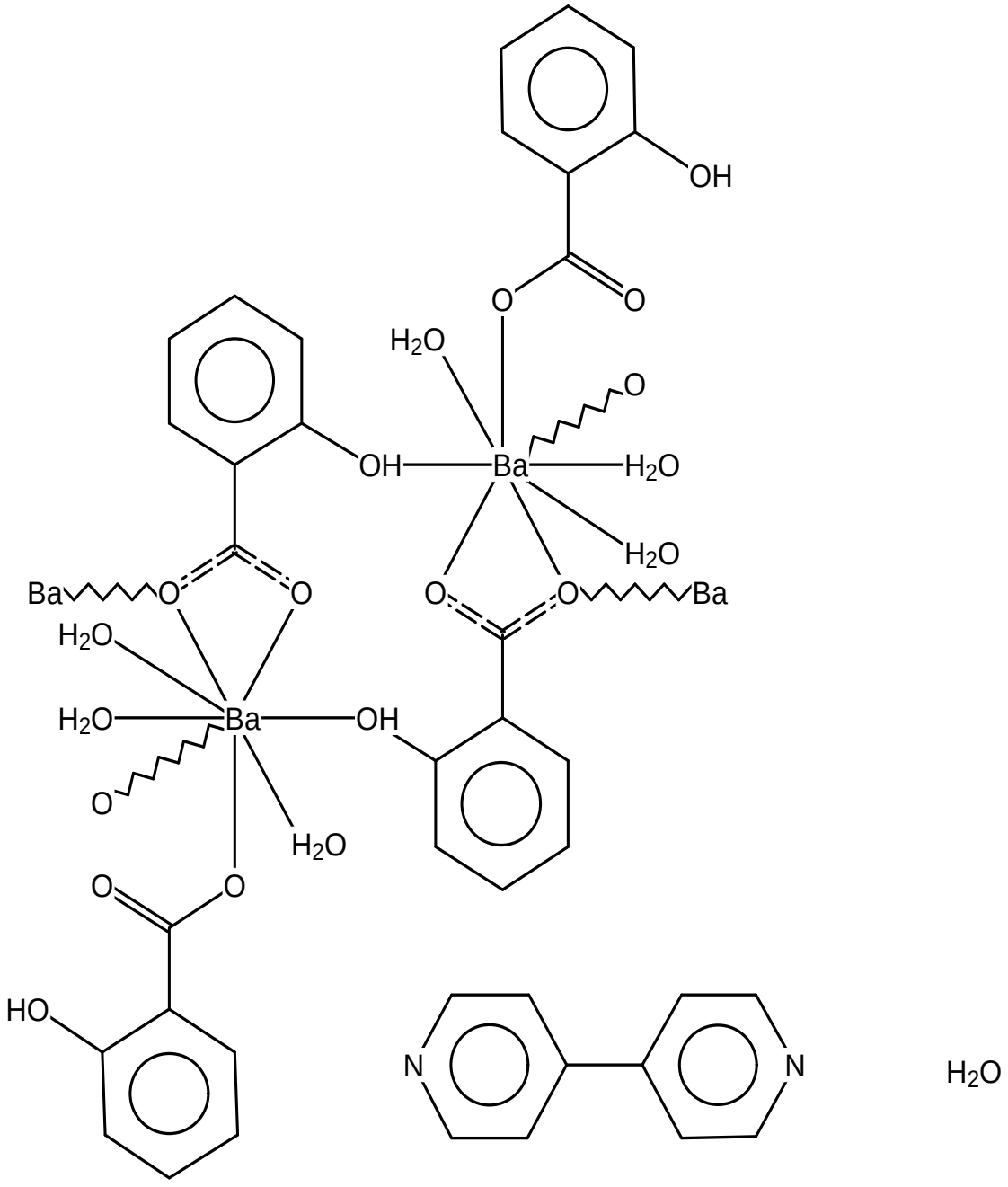
Reference: R.Murugavel, R.Korah (2007) *Inorg.Chem.* ,**46,**11048

Formula: $(C_{28}\ H_{32}\ Ba_2\ O_{18})n,3n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Salicylato-O,O,O',O'')-bis(salicylato-O)-hexaaqua-di-barium tris(4,4'-bipyridine) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.482(0)	***b***	12.147(2)	***c***	13.216(2)
Space Group No.:	2	***(Å,°)***	α	88.16	β	83.95(0)	γ	81.45(0)

R-Factor (%): 2.59 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1983

QIZLAN

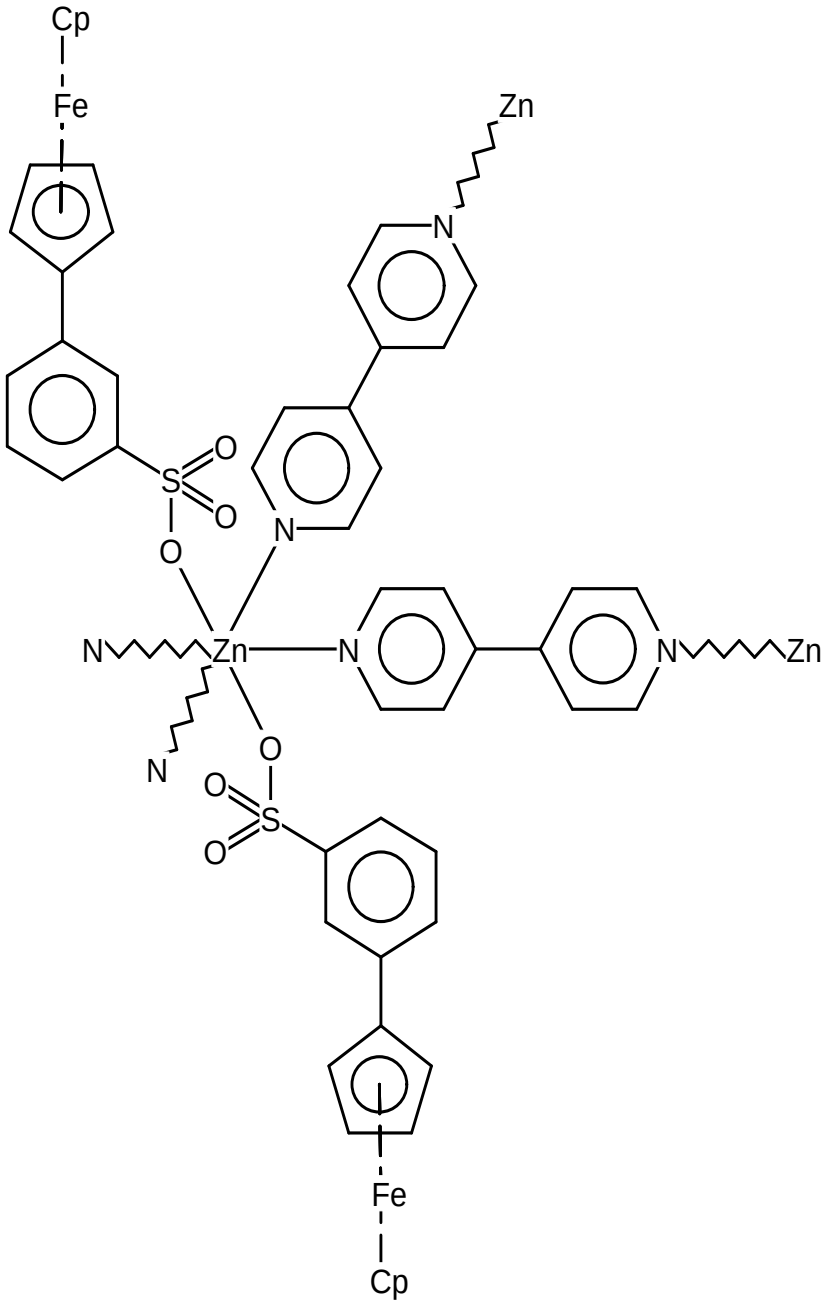
Reference: Liwei Mi, Hongwei Hou, Zhiyong Song, Huayun Han, Yaoting Fan (2008) *Chem.-Eur.J. ,***14,**1814

Formula: $(C_{52}\ H_{42}\ Fe_2\ N_4\ O_6\ S_2\ Zn_1)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(3-(ferrocenyl)benzenesulfonato)-zinc)

Space Group:	C2/c	***Cell:***	***a***	17.233(1)	***b*** 11.674(1)	***c***	22.857(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.51(0)	γ	90.00

R-Factor (%): 3.35 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.563



Search: search1 (Thu May 26 10:05:42 2011): Hit 1984

QIZLER

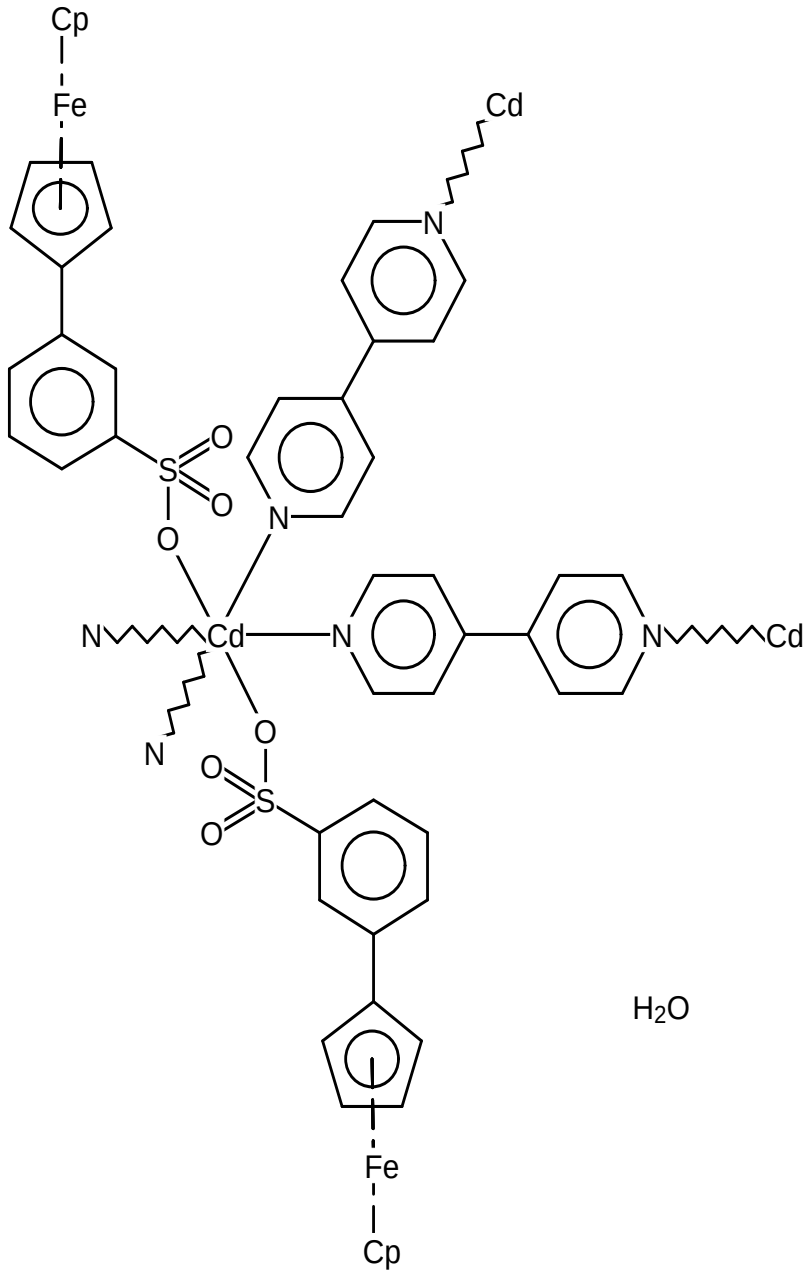
Reference: Liwei Mi, Hongwei Hou, Zhiyong Song, Huayun Han, Yaoting Fan (2008) *Chem.-Eur.J.* ,**14,**1814

Formula: $(C_{52}\ H_{42}\ Cd_1\ Fe_2\ N_4\ O_6\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(3-(ferrocenyl)benzenesulfonato)-cadmium dihydrate)

Space Group:	C2/c	***Cell:***	***a***	17.420(1)	***b*** 11.855(1)	***c***	23.497(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.17(0)	γ	90.00

R-Factor (%): 2.69 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1985

QIZLIV

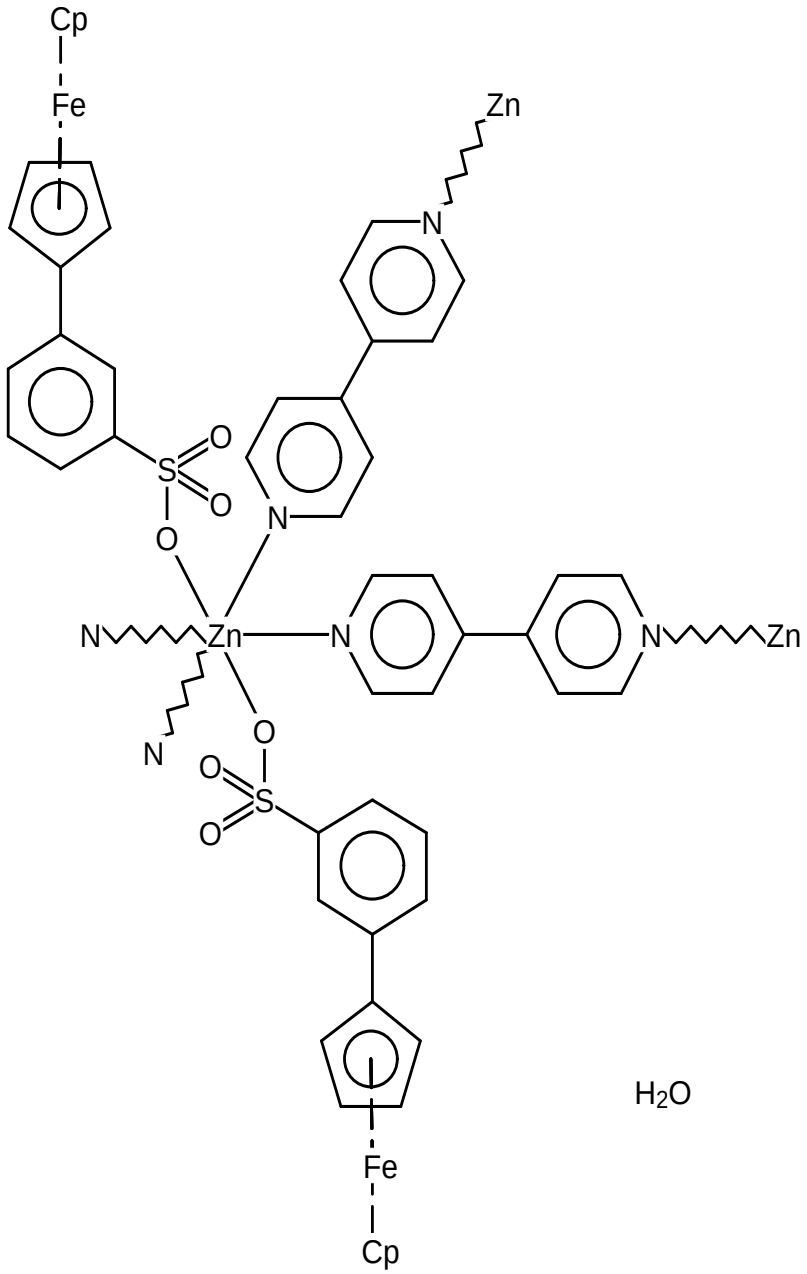
Reference: Liwei Mi, Hongwei Hou, Zhiyong Song, Huayun Han, Yaoting Fan (2008) *Chem.-Eur.J.* ,**14,**1814

Formula: $(C_{52}\ H_{42}\ Fe_2\ N_4\ O_6\ S_2\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(3-(ferrocenyl)benzenesulfonato)-zinc trihydrate)

Space Group:	C2/c	***Cell:***	***a***	17.345(5)	***b*** 11.809(3)	***c***	23.396(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.08(0)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.585



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1986

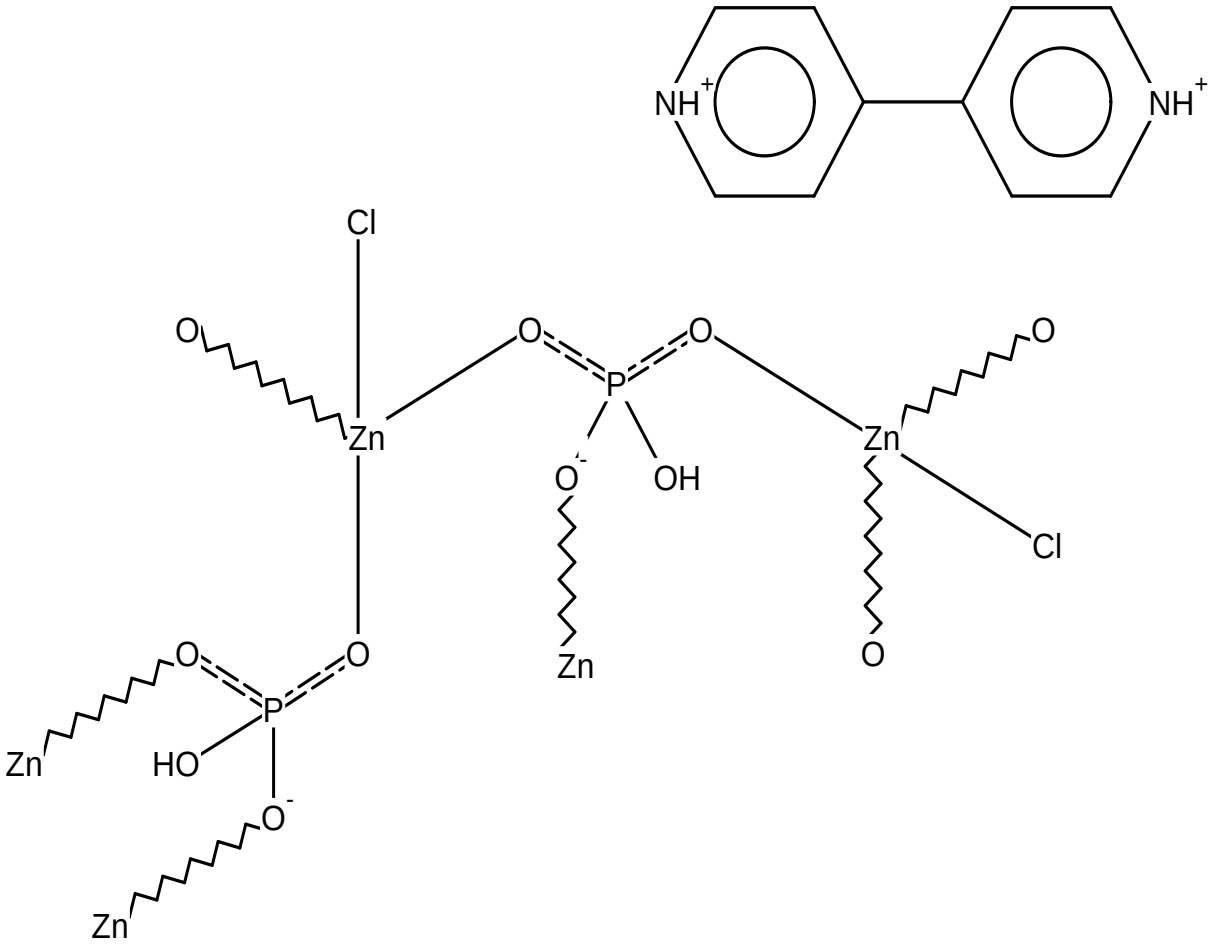
QOBTIL

Reference: S.Natarajan, B.Ewald, Y.Prots, R.Kniep (2005) *Z.Anorg.Allg.Chem.* ,**631,**1622

Formula: $(H_2\ Cl_2\ O_8\ P_2\ Zn_2\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_3-hydrogen phosphato-O,O',O'')-dichloro-di-zinc)

Space Group:	P21/n	***Cell:***	***a***	4.883(0)	***b*** 22.673(2)	***c***	8.164(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.02(1)	γ	90.00
R-Factor (%):	4.10	***Temperature(K):***	295		***Density(g/cm^3):***		2.090



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1987

QOCCAM

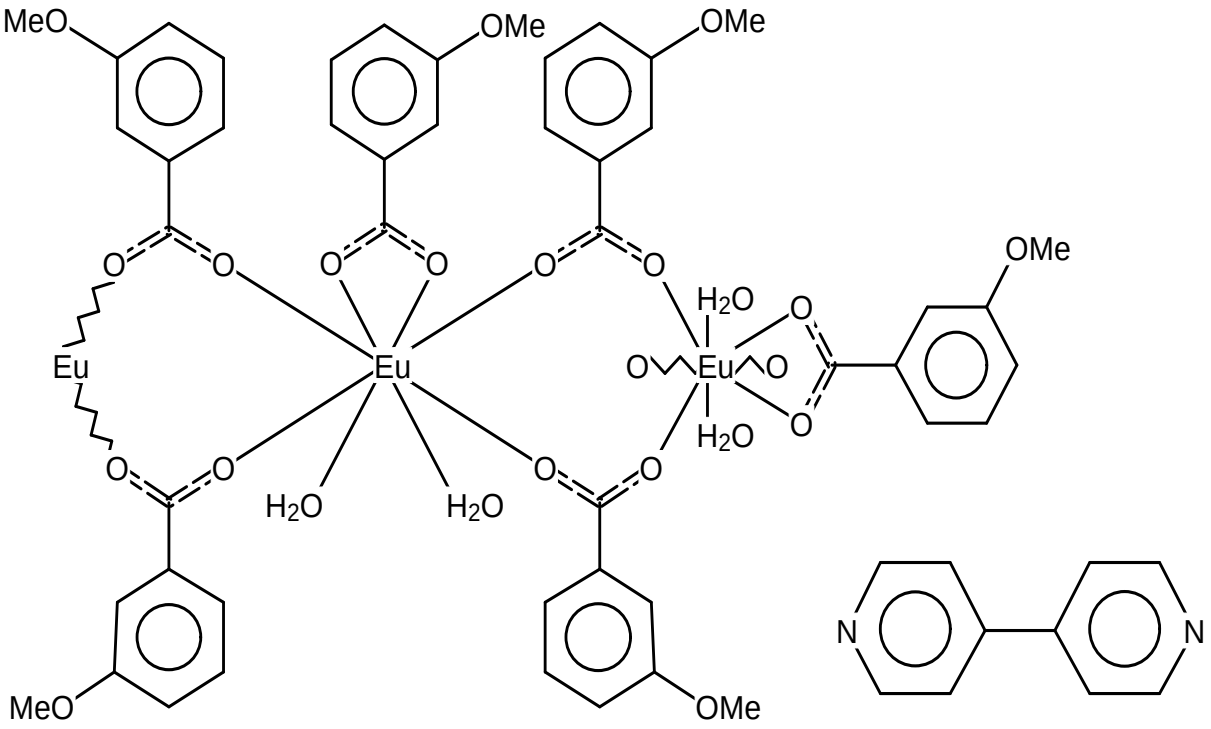
Reference: X.Li, X.Zheng, L.Jin, S.Lu, W.Qin (2000) *J.Mol.Struct.* ,**519,** 85

Formula: $(C_{48}\ H_{50}\ Eu_2\ O_{22})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_2-3-Methoxybenzoato-O,O')-bis(3-methoxybenzoato-O,O')-tetra-aqua-di-europium(iii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	11.851(5)	***b*** 13.525(2)	***c***	9.770(3)
Space Group No.:	2	***(Å,°)***	α	91.83(2)	β 110.44(2)	γ	83.50(2)

R-Factor (%): 2.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.639



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1988

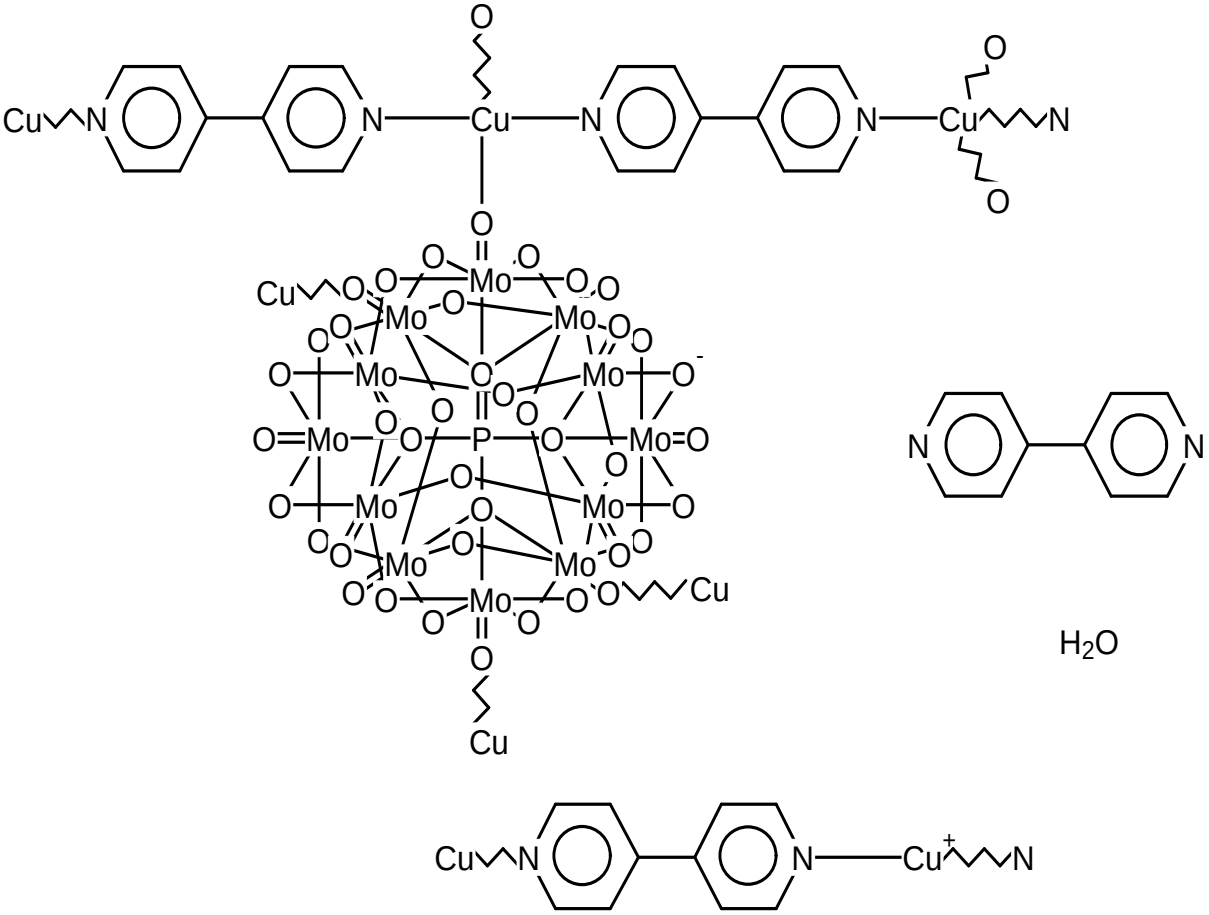
QOCKOJ

Reference: Qi Chen, Chunxiu Cai, Guangpeng Zhou, Yan Xu, Dunru Zhu, Xuefang Zheng (2008) *Z.Anorg.Allg.Chem.* ,**634,**1197

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})n,n(C_{20}\ H_{16}\ Cu_2\ Mo_{12}\ N_4\ O_{40}\ P_1\ ^{1-}),n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-copper(i) (μ_{12}-phosphato)-octacosakis(μ_2-oxo)-bis(μ_2-4,4'-bipyridyl)-octaoxo-di-copper(i)-dodeca-molybdenum(vi) 4,4'-bipyridine dihydrate clathrate]

Space Group:	P-1	***Cell:***	***a*** 10.918(1)	***b*** 12.376(1)	***c*** 13.026(1)
Space Group No.:	2	***(Å,°)***	α 113.36(0)	β 93.87(0)	γ 99.03(0)
R-Factor (%):	6.01	***Temperature(K):***	293	***Density(g/cm^3):***	2.811



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1989

QODBOB

Reference: Mingyan Wu, Daqiang Yuan, Feilong Jiang, Baiquan Chen, Qiang Gao, Wei Wei, Maochun Hong (2008) *Supramol.Chem. ,***20,**289

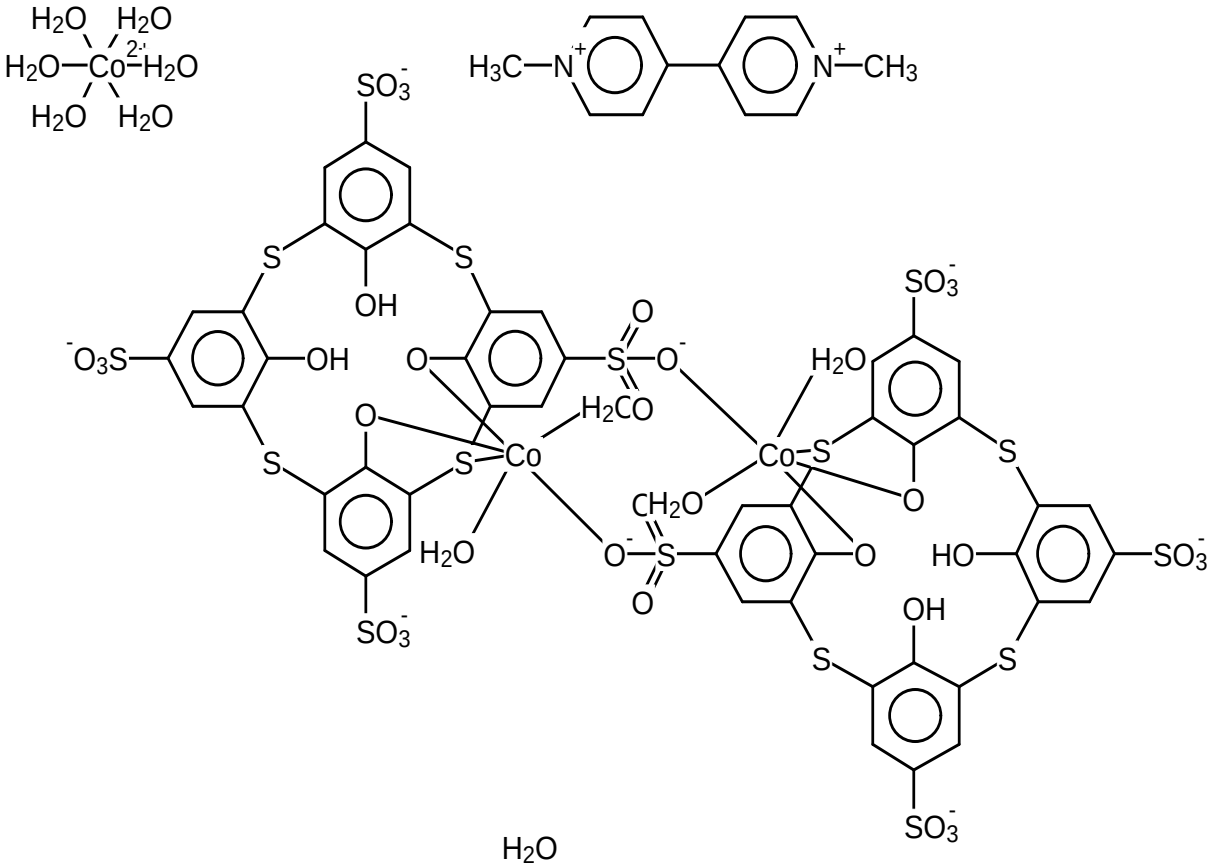
Formula: $H_{12}\ Co_1\ O_6\ ^{2+},3(C_{12}\ H_{14}\ N_2\ ^{2+}),C_{48}\ H_{28}\ Co_2\ O_{36}\ S_{16}\ ^{8-},14(H_2\ O_1)$

Compound Name: Hexaaqua-cobalt(ii) tris(N,N'-dimethyl-4,4'-bipyridinium) bis(μ_2-25,26-dihydroxy-27,28-dioxy-2,8,14,20-tetrathia-calix(4)arene-5,11,17,23-tetrasulfonato)-tetraaqua-di-cobalt(ii) tetradecahydrate

Synonym: Hexaaqua-cobalt(ii) tris(methyl viologen) bis(μ_2-p-sulfonatothiacalix(4) arene)-tetraaqua-di-cobalt(ii) tetradecahydrate

Space Group:	P21/n	***Cell:***	***a***	17.265(4)	***b*** 16.625(3)	***c***	21.424(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.31(0)	γ	90.00

R-Factor (%): 3.98 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.640



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1990

QODBUH

Reference: Mingyan Wu, Daqiang Yuan, Feilong Jiang, Baiquan Chen, Qiang Gao, Wei Wei, Maochun Hong (2008) *Supramol.Chem. ,***20,**289

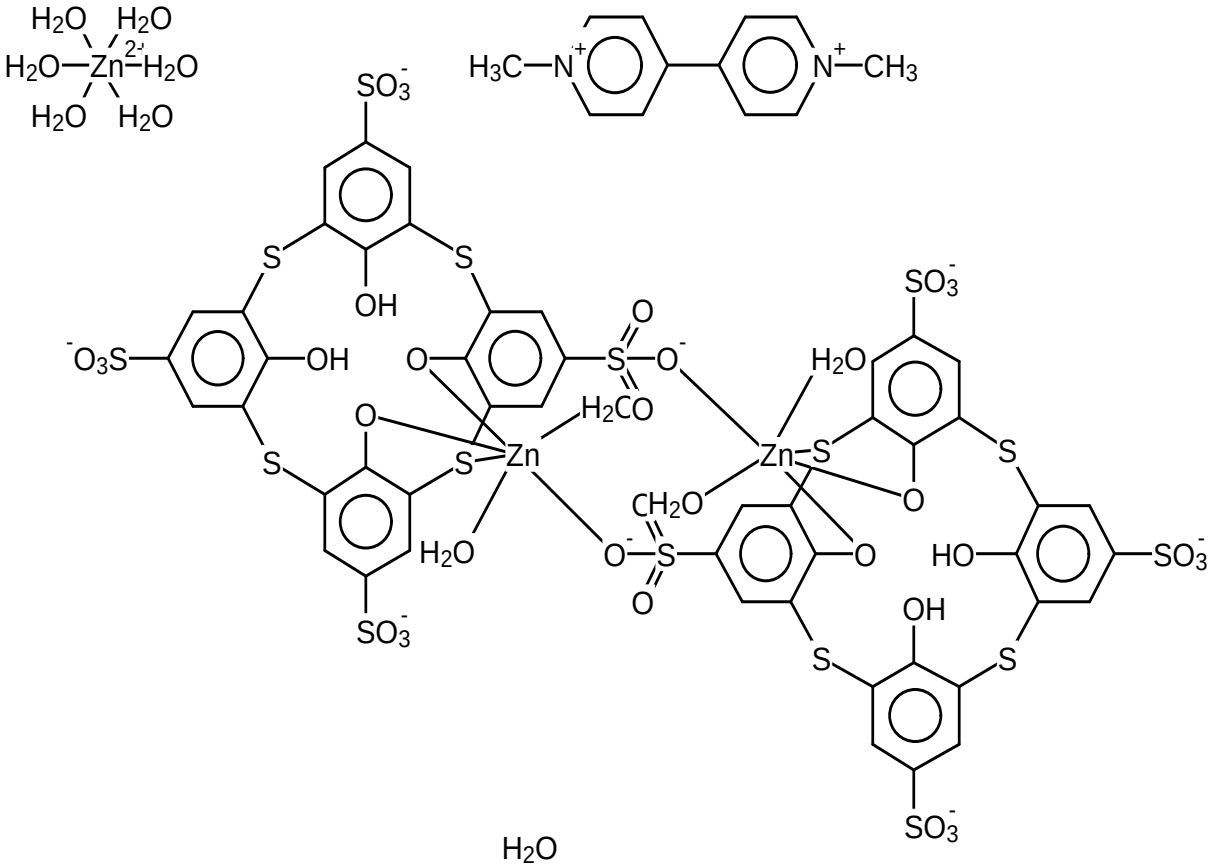
Formula: $H_{12}\ O_6\ Zn_1\ ^{2+},3(C_{12}\ H_{14}\ N_2\ ^{2+}),C_{48}\ H_{28}\ O_{36}\ S_{16}\ Zn_2\ ^{8-},14(H_2\ O_1)$

Compound Name: Hexaaqua-zinc(ii) tris(N,N'-dimethyl-4,4'-bipyridinium) bis(μ_2-25,26-dihydroxy-27,28-dioxy-2,8,14,20-tetrathia-calix(4)arene-5,11,17,23-tetrasulfonato)-tetraaqua-di-zinc(ii) tetradecahydrate

Synonym: Hexaaqua-zinc(ii) tris(methyl viologen) bis(μ_2-p-sulfonatothiacalix(4)arene)-tetraaqua-di-zinc(ii) tetradecahydrate

Space Group:	P21/n	***Cell:***	***a***	17.467(5)	***b*** 16.561(4)	***c***	21.387(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.67(0)	γ	90.00

R-Factor (%): 6.70 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.634



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1991

QODDOC

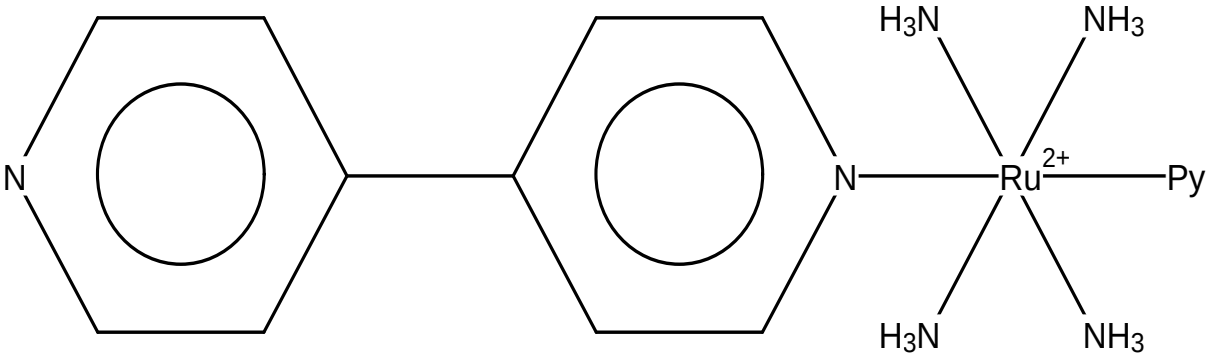
Reference: B.J.Coe, J.A.Harris, I.Asselberghs, A.Persoons, J.C.Jeffery, L.H.Rees, T.Gelbrich, M.B.Hursthouse (1999) *J.Chem.Soc.,Dalton Trans.* ,3617

Formula: $C_{15}\ H_{25}\ N_7\ Ru_1\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),2($C_2\ H_3\ N_1$)

Compound Name: Tetra-ammine-(4,4'-bipyridine)-pyridyl-ruthenium(ii) bis(hexafluorophosphate) acetonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	16.296(4)	***b*** 22.383(3)	***c***	8.683(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.33(2)	γ	90.00

R-Factor (%): 3.24 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.716





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1992

QOFNEF

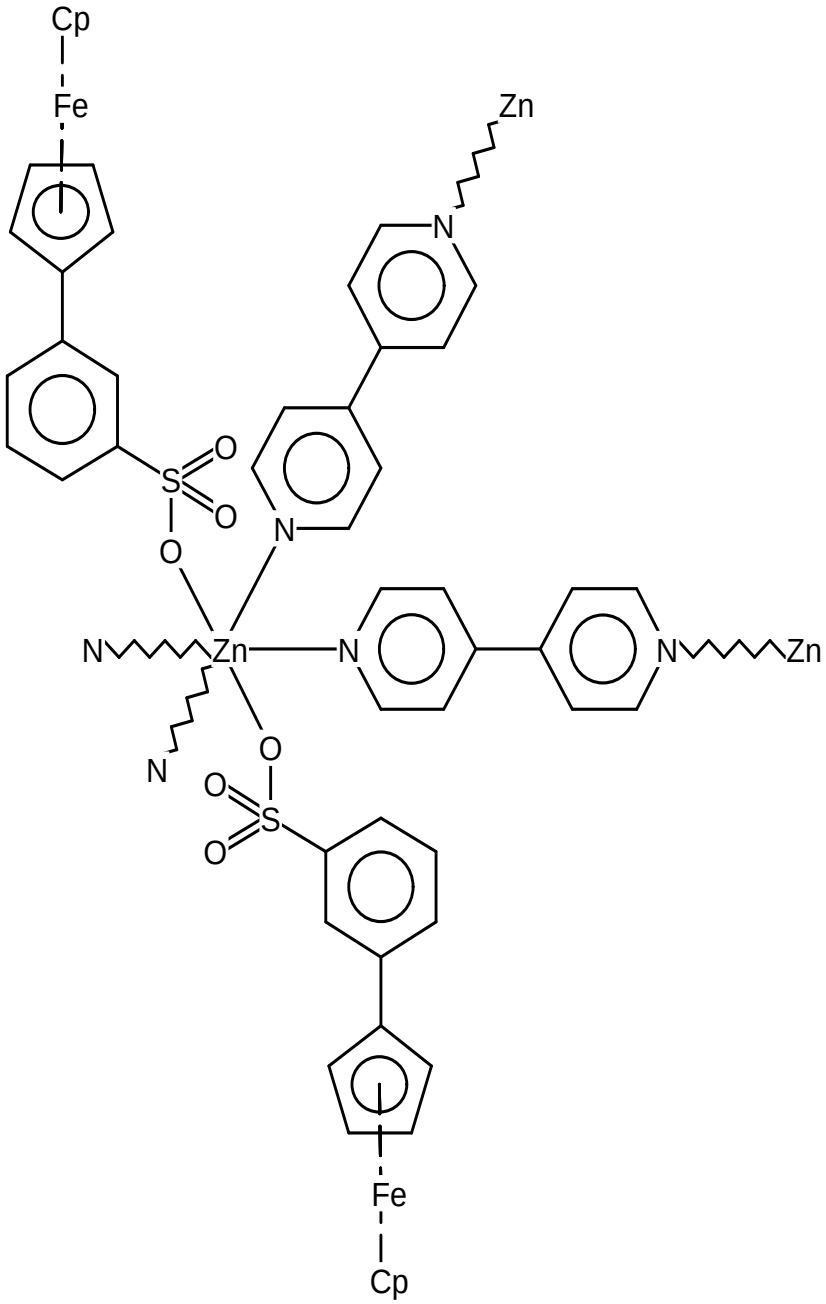
Reference: Liwei Mi, Hongwei Hou, Zhiyong Song, Huayun Han, Yaoting Fan (2008) *Chem.-Eur.J. ,***14,**1814

Formula: $(C_{52}\ H_{42}\ Fe_2\ N_4\ O_6\ S_2\ Zn_1)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(3-(ferrocenyl)benzenesulfonato)-zinc)

Space Group:	P43212	***Cell:***	***a***	11.438(0)	***b***	11.438(0)	***c***	34.847(3)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.71 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.544



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1993

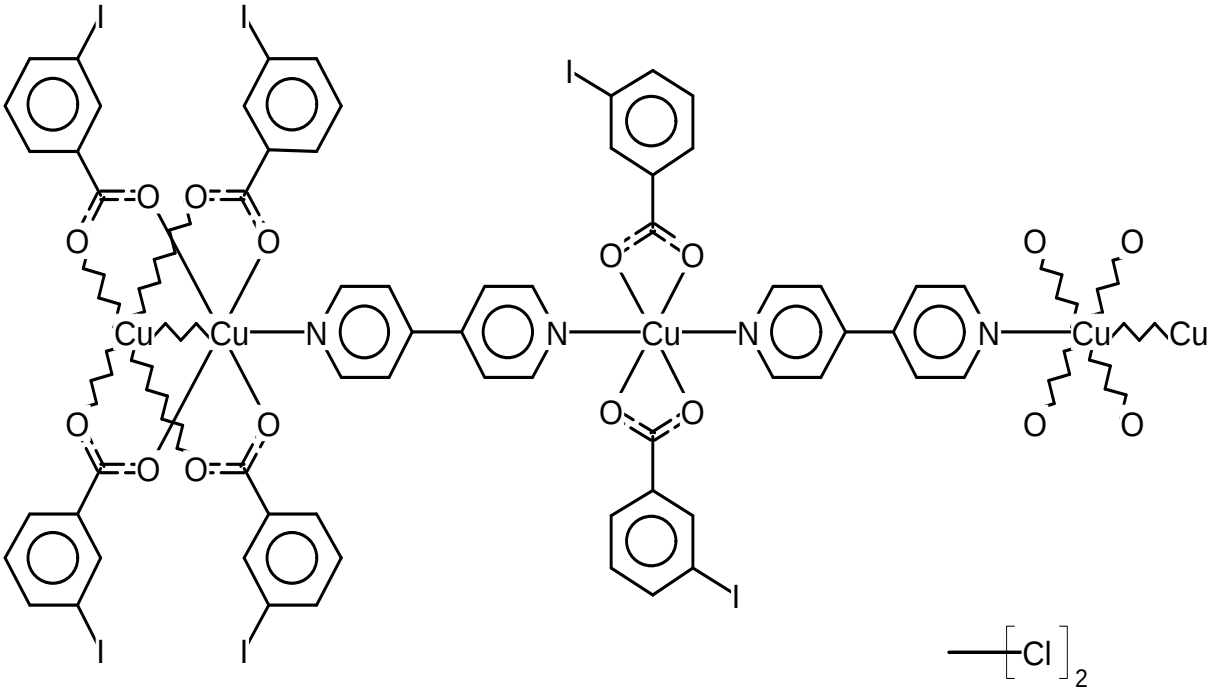
QOGGID

Reference: P.Smart, G.M.Espallargas, L.Brammer (2008)
*CrystEngComm ,***10,**1335

Formula: $(C_{62}\ H_{40}\ Cu_3\ I_6\ N_4\ O_{12})n,1.33n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N')-tetrakis(μ_2-3-iodobenzoato-O,O')-bis(3-iodobenzoato-O,O')-tri-copper(ii) dichloromethane solvate)

Space Group:	P-1	***Cell:***	***a***	7.810(1)	***b***	15.217(4)	***c*** 16.610(4)
Space Group No.:	2	***(Å,°)***	α	111.15(0)	β	91.22(0)	γ 96.17(0)
R-Factor (%):	11.11	***Temperature(K):***	100		***Density(g/cm^3):***		1.907



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1994

QOGGOJ

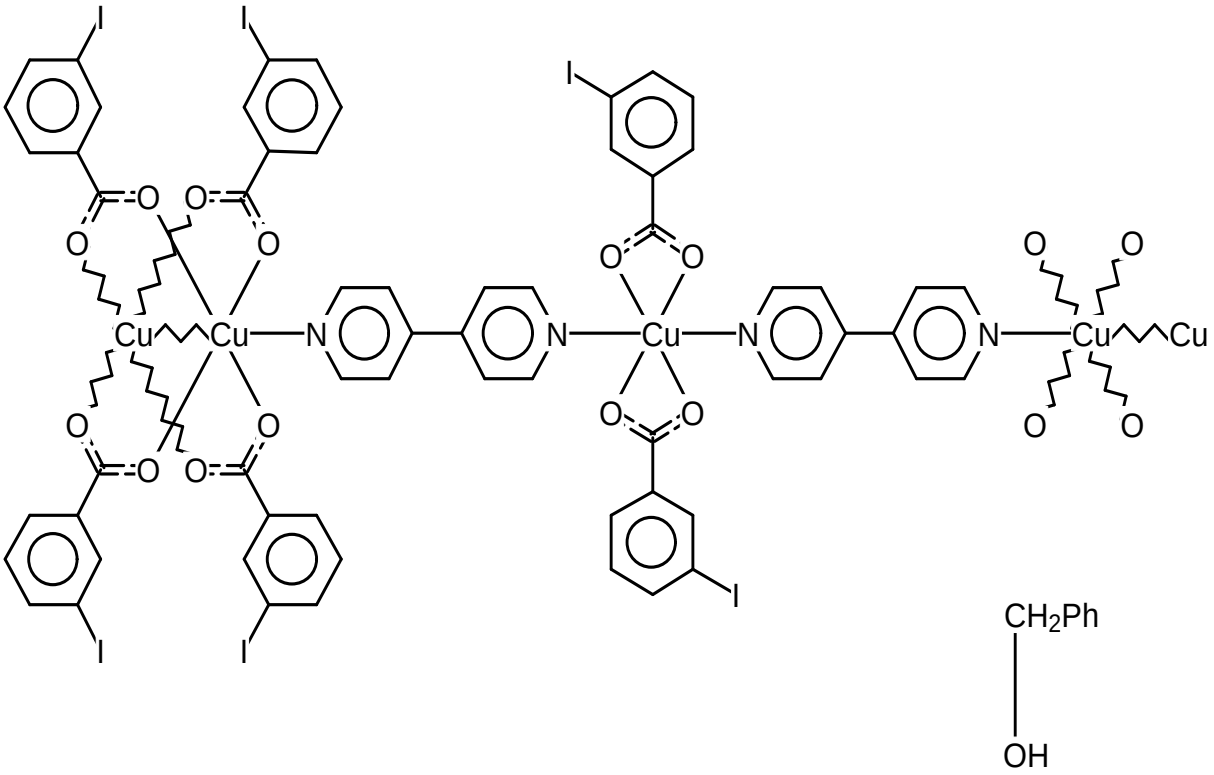
Reference: P.Smart, G.M.Espallargas, L.Brammer (2008)
*CrystEngComm ,***10,**1335

Formula: $(C_{62}\ H_{40}\ Cu_3\ I_6\ N_4\ O_{12})n,2n(C_7\ H_8\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N')-tetrakis(μ_2-3-iodobenzoato-O,O')-bis(3-iodobenzoato-O,O')-tri-copper(ii) benzyl alcohol solvate)

Space Group:	P-1	***Cell:***	***a***	9.865(0)	***b***	14.849(0)	***c*** 15.118(0)
Space Group No.:	2	***(Å,°)***	α	60.80(0)	β	87.34(0)	γ 86.89(0)

R-Factor (%): 5.69 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.894



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1995

QOGQEJ

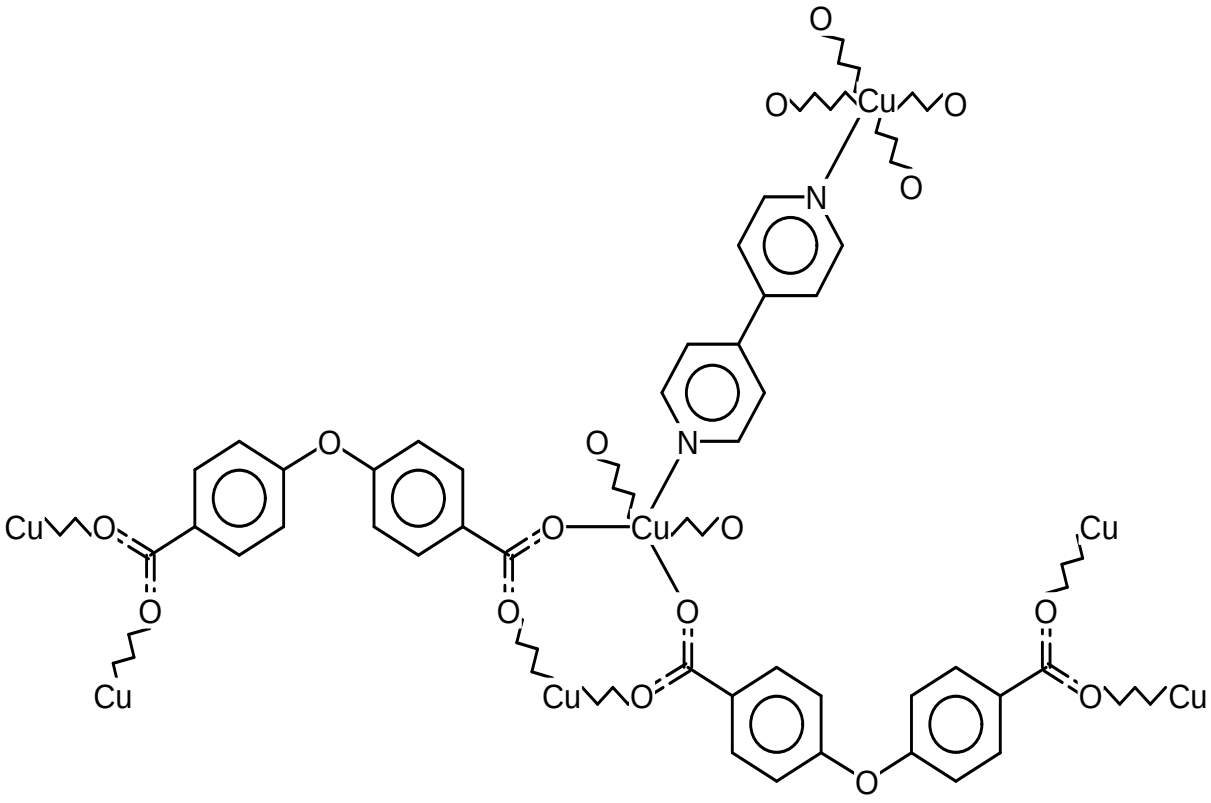
Reference: Long Tang, Dongsheng Li, Feng Fu, Yapan Wu, Yaoya Wang, Huaiming Hu, Enbo Wang (2008) *J.Mol.Struct. ,***888,**344

Formula: $(C_{38}\ H_{24}\ Cu_2\ N_2\ O_{10})n$

Compound Name: catena-[bis(μ_4-4,4'-Oxybis(benzoato)-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii)]

Space Group:	C2/c	***Cell:***	***a***	22.179(1)	***b*** 13.653(1)	***c***	13.034(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.28(0)	γ	90.00

R-Factor (%): 3.81 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.535



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1996

QOGVIS

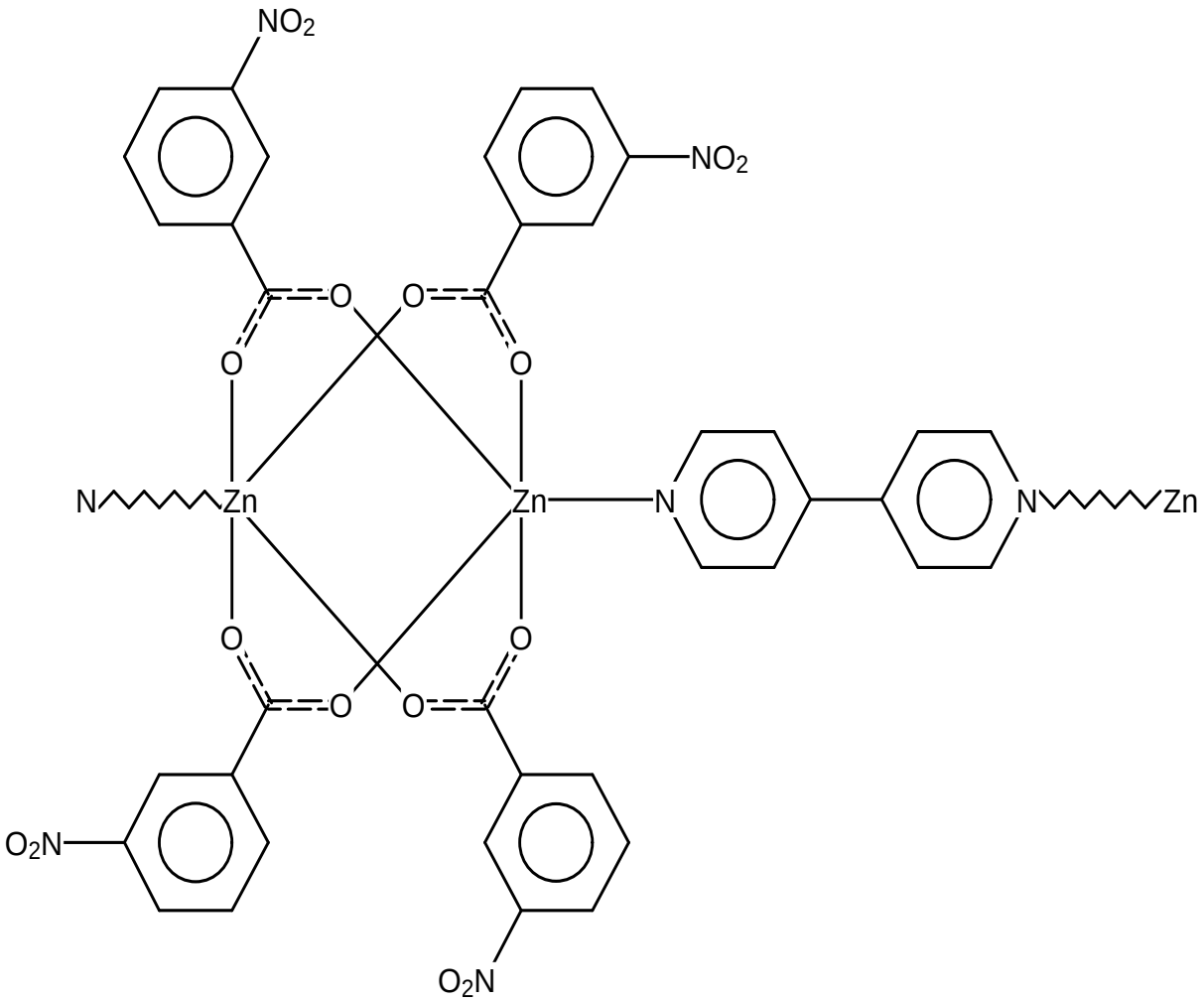
Reference: Ke-Wei Wang, Pei-Xu Yin, Yi-Cheng Shen, Zhao-Ji Li, Ye-Yan Qin, Yuan-Gen Yao (2008) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**27,**1093

Formula: $(C_{38}\ H_{24}\ N_6\ O_{16}\ Zn_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-3-nitrobenzoato-O,O')-di-zinc(ii)]

Space Group:	C2/c	***Cell:***	***a***	24.648(0)	***b*** 14.096(0)	***c***	11.428(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.79(0)	γ	90.00

R-Factor (%): 7.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.681



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1997

QOHGUQ

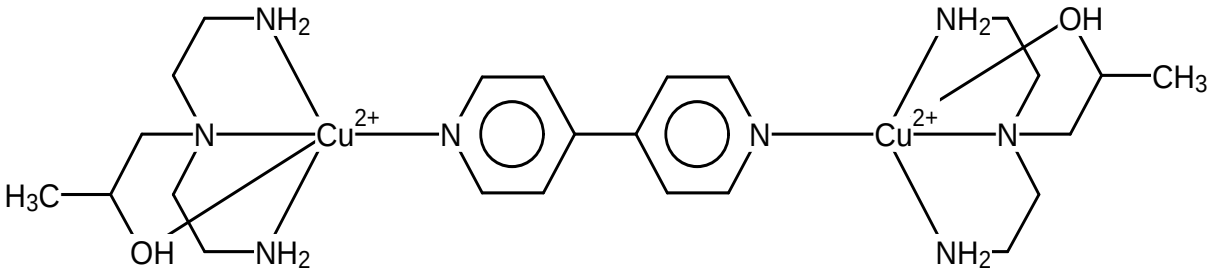
Reference: Bao-Hua Qian, Xing-You Xu, Lu-De Lu, Xu-Jie Yang, Xin Wang (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,** 1705

Formula: $C_{24}\ H_{46}\ Cu_2\ N_8\ O_2\ ^{4+},4(Cl_1\ O_4\ ^{1-}),H_2\ O_1$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(1-(bis(2-aminoethyl)amino)-2-propanol-N,N',N'',O) -di-copper(ii) tetraperchlorate monohydrate

Space Group:	P21/n	***Cell:***	***a***	9.277(1)	***b***	16.782(3)	***c*** 13.160(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.75(0)	γ 90.00

R-Factor (%): 6.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.671



ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1998

QOJYUK

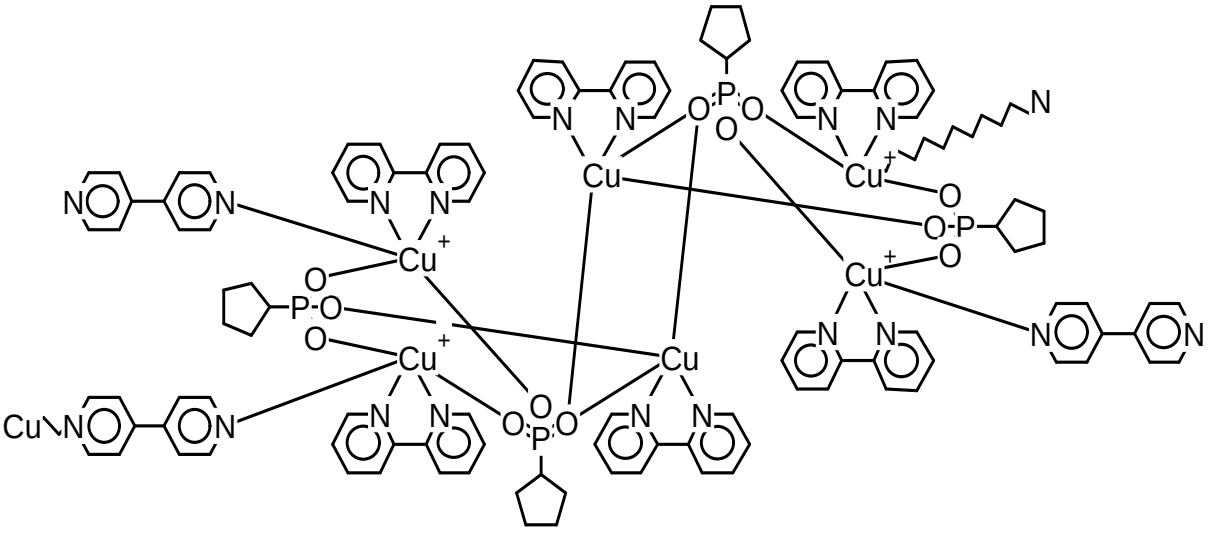
Reference: V.Chandrasekhar, T.Senapati, E.C.Sanudo (2008) *Inorg.Chem. ,***47,**9553

Formula: $(C_{110}\ H_{108}\ Cu_6\ N_{18}\ O_{12}\ P_4\ ^{4+})n,4n(Cl_1\ O_4\ ^{1-}),2n(C_1\ H_4\ O_1),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Cyclopentylphosphonato-O,O,O',O'')-bis(μ_3-cyclopentylphosphonato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-hexakis(2,2'-bipyridine-N,N')-bis(4,4'-bipyridine-N)-hexa-copper(ii) tetraperchlorate methanol solvate dihydrate)

Space Group:	P-1	***Cell:***	***a***	14.706(1)	***b***	14.811(1)	***c*** 15.261(1)
Space Group No.:	2	***(Å,°)***	α	110.07(0)	β	97.15(0)	γ 106.12(0)

R-Factor (%): 7.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.642



ClO_4^-

$H_3C{-}OH$

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 1999

QOKCEZ

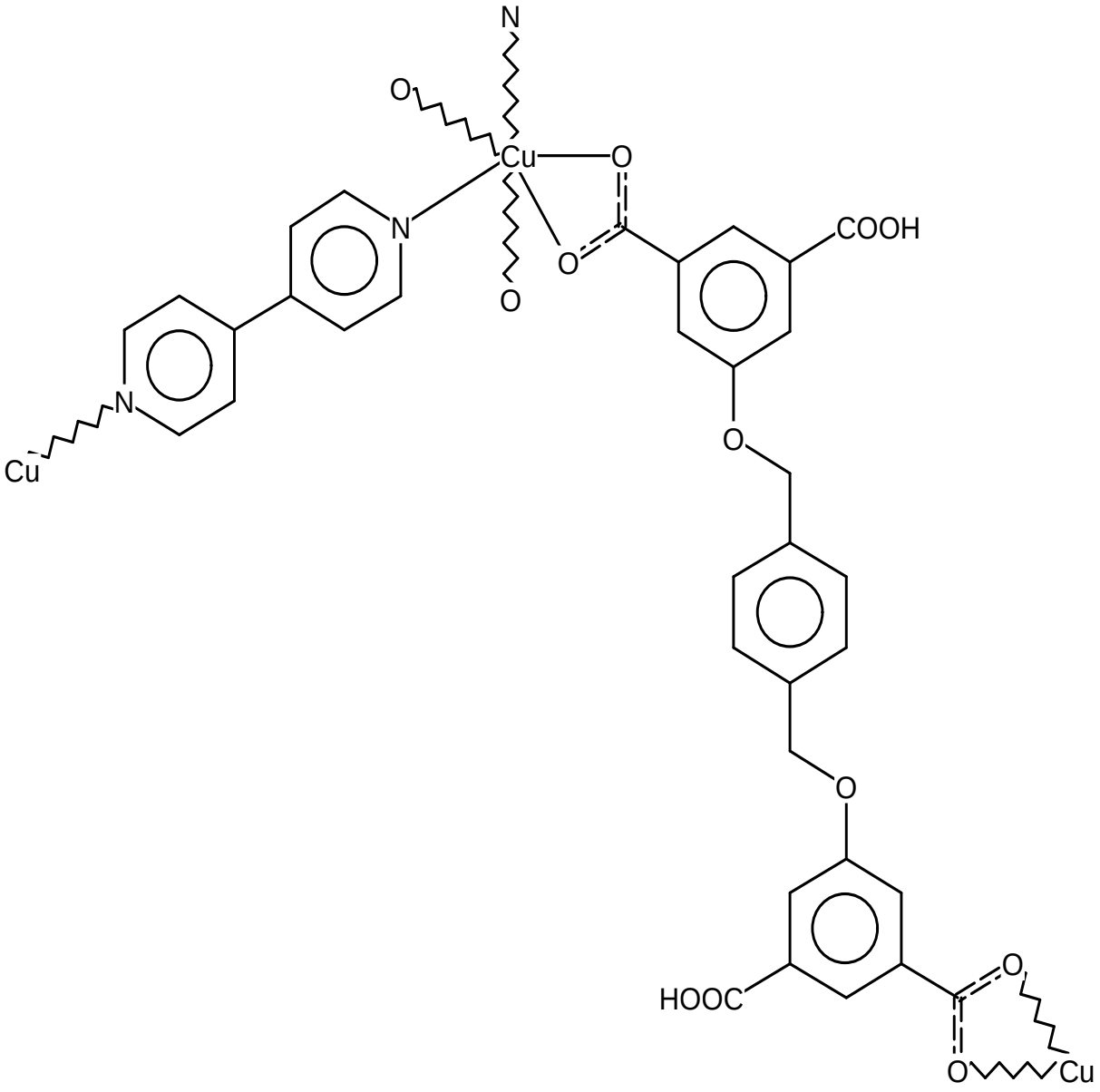
Reference: Zhaorui Pan, Hegen Zheng, Tianwei Wang, You Song, Yizhi Li, Zijian Guo, S.R.Batten (2008) *Inorg.Chem. ,***47,**9528

Formula: $(C_{34}\ H_{24}\ Cu_1\ N_2\ O_{10})n$

Compound Name: catena-((μ_2-Dihydrogen 5,5'-(1,4-phenylenebis(methylene))bis(oxy)di-isophthalato)-(μ_2-4,4'-bipyridine-N,N')-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	12.872(3)	***b*** 11.015(2)	***c***	20.869(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.12(0)	γ	90.00

R-Factor (%): 4.24 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.571



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2000

QOLHIJ

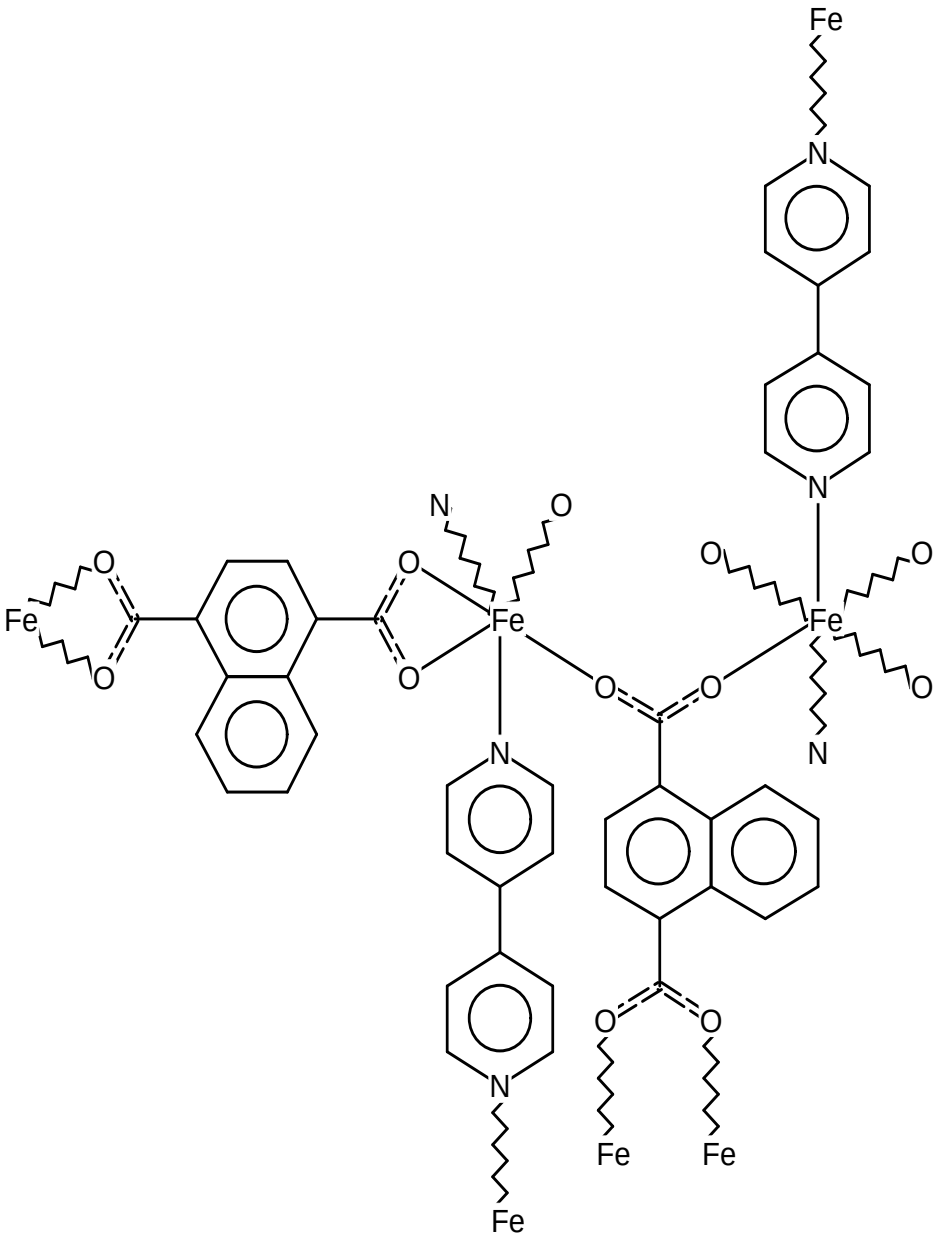
Reference: J.Boeckmann, I.Jess, C.Nather (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m122

Formula: $(C_{44}\ H_{28}\ Fe_2\ N_4\ O_8)n$

Compound Name: catena-((μ_4-Naphthalene-1,4-dicarboxylato-O,O',O'',O''')-(μ_2-naphthalene-1,4-dicarboxylato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-di-iron(ii))

Space Group:	P21/n	***Cell:***	***a***	10.517(0)	***b***	29.893(1)	***c***	11.558(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.18(0)	γ	90.00

R-Factor (%): 6.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.561



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2001

QOPHAF

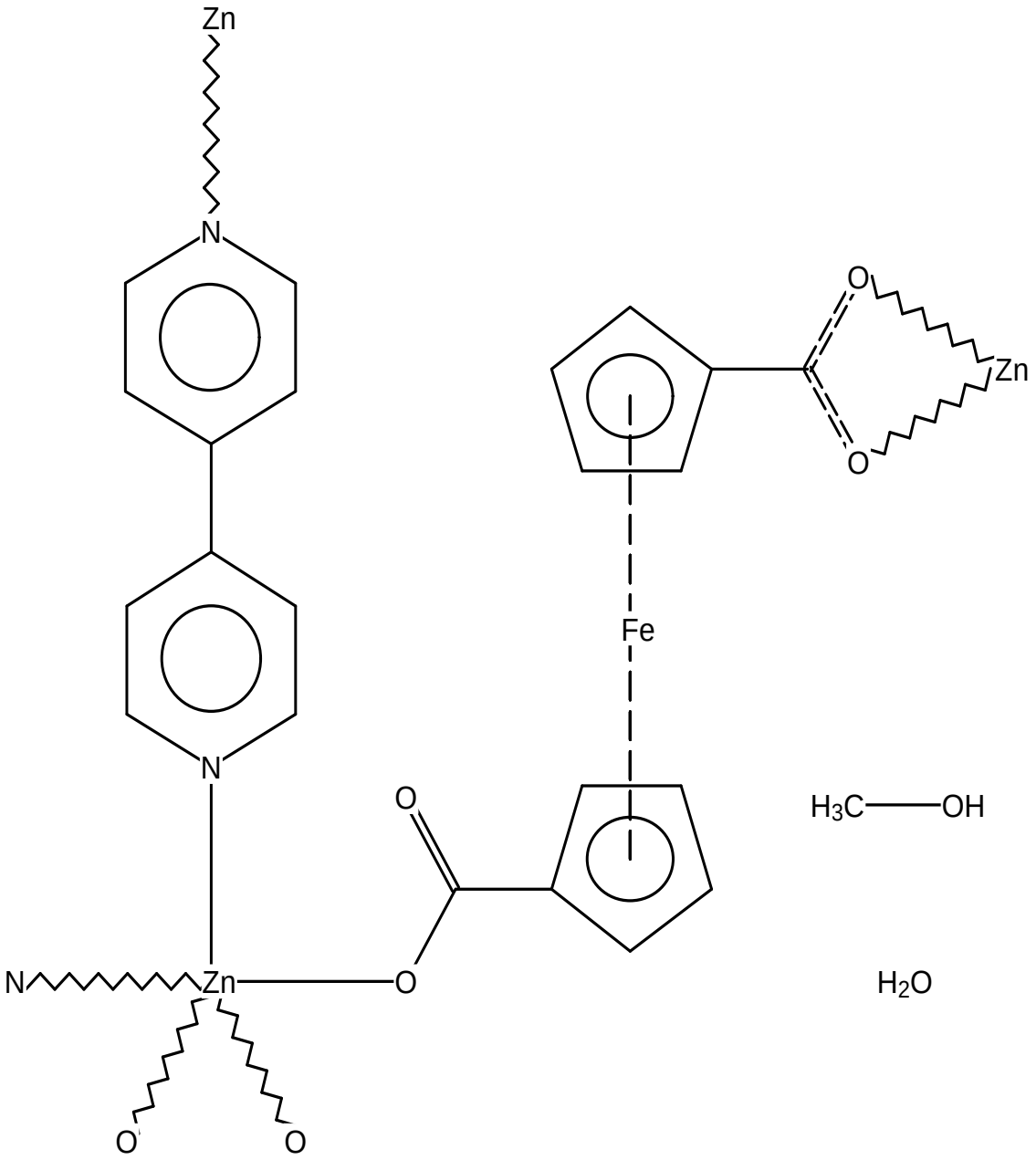
Reference: Yan Xu, Chunling Ran, Limin Zhu, Yaoting Fan (2009) *J.Coord.Chem.* ,**62,**410

Formula: $(C_{22}\ H_{16}\ Fe_1\ N_2\ O_4\ Zn_1)n,n(C_1\ H_4\ O_1),4n(H_2\ O_1)$

Compound Name: catena-((μ$_2$-4,4'-Bipyridine-N,N')-(μ$_2$-ferrocene-1,1'-dicarboxylato-O,O',O'')-zinc(ii) methanol solvate tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	10.954(1)	***b***	16.128(1)	***c***	14.387(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.83(0)	γ	90.00

R-Factor (%):	5.23	***Temperature(K):***	291	***Density(g/cm^3):***	1.564



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2002

QOQBEE

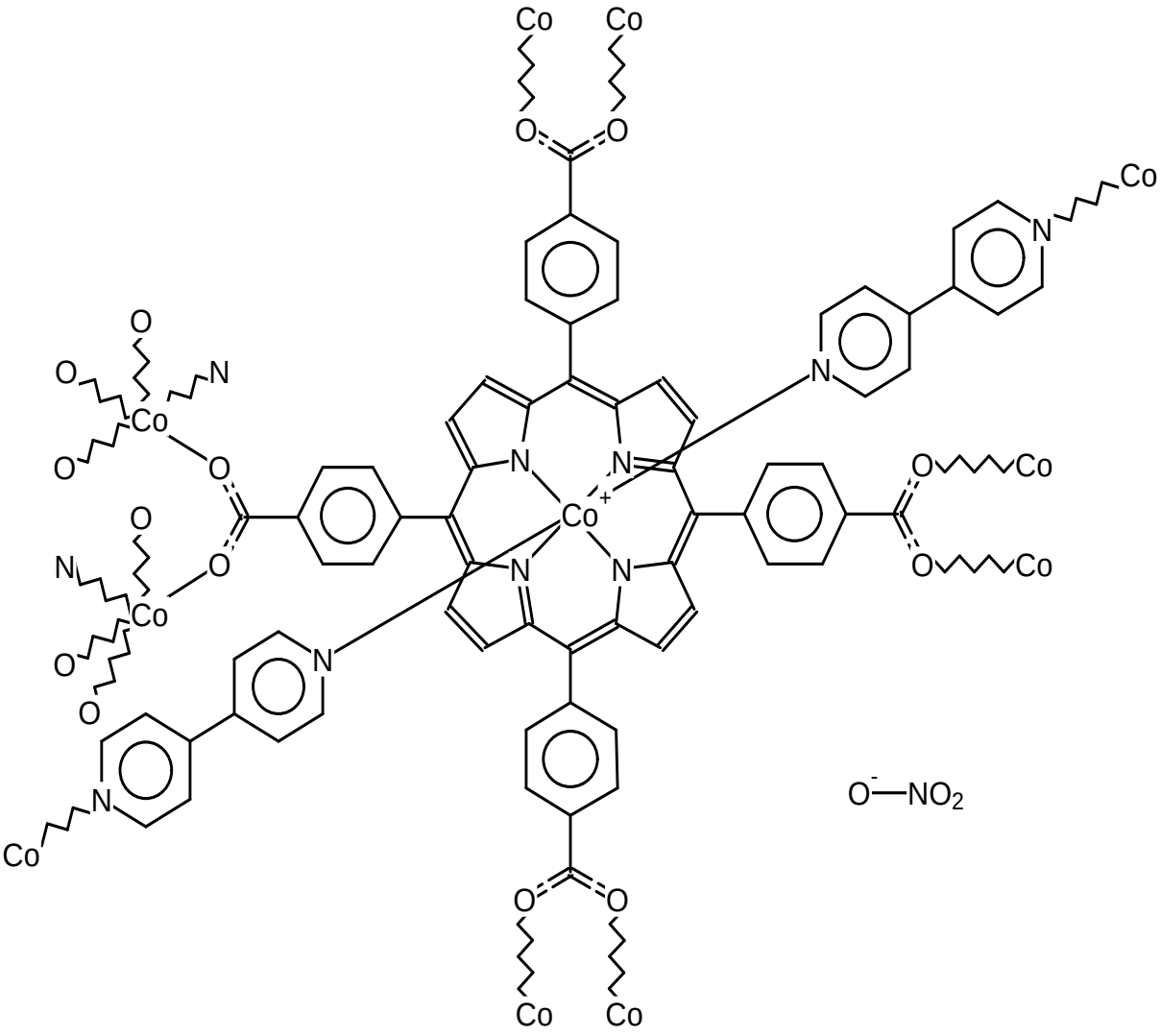
Reference: Eun-Young Choi, P.M.Barron, R.W.Novotny, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Inorg.Chem.* ,**48,** 426

Formula: $(C_{68}\ H_{40}\ Co_3\ N_8\ O_8\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxyphenyl)porphyrinato)-bis(μ_2-4,4'-bipyridine)-tri-cobalt nitrate unknown solvate)

Space Group:	I4/mmm	***Cell:***	***a***	16.601(0)	***b***	16.601(0)	***c*** 24.689(0)
Space Group No.:	139	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.01 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 0.652



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2003

QOQBII

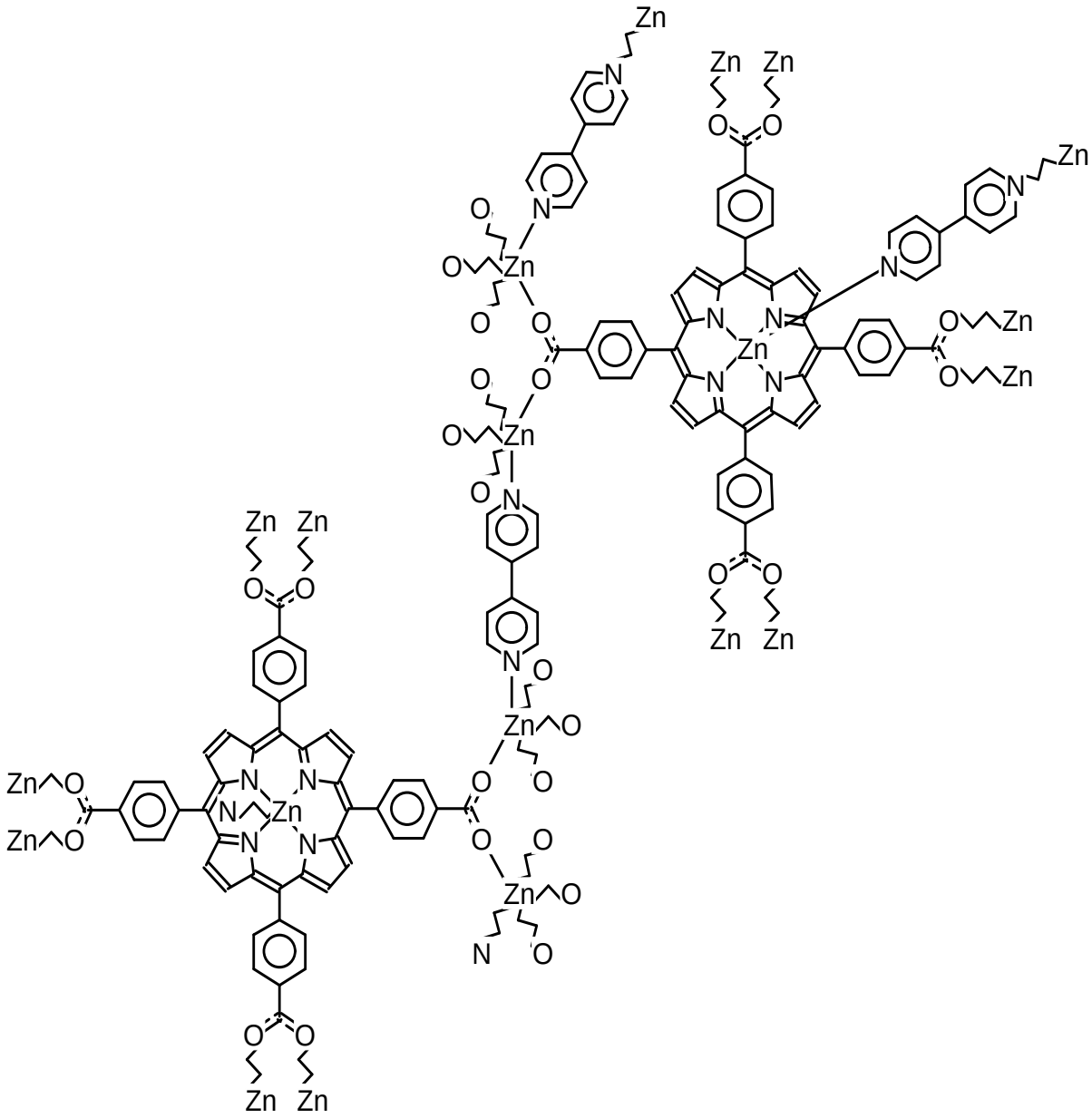
Reference: Eun-Young Choi, P.M.Barron, R.W.Novotny, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Inorg.Chem.* ,**48,** 426

Formula: $(C_{126}\ H_{72}\ N_{14}\ O_{16}\ Zn_6)n$

Compound Name: catena-(bis(μ_9-5,10,15,20-tetrakis(4-carboxyphenyl)porphyrinato)-tris(μ_2-4,4'-bipyridine)-hexa-zinc(ii) unknown solvate)

Space Group:	I4/mmm	***Cell:***	***a***	16.712(0)	***b***	16.712(0)	***c***	54.244(1)
Space Group No.:	139	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.32 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 0.533



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2004

QOQBOO

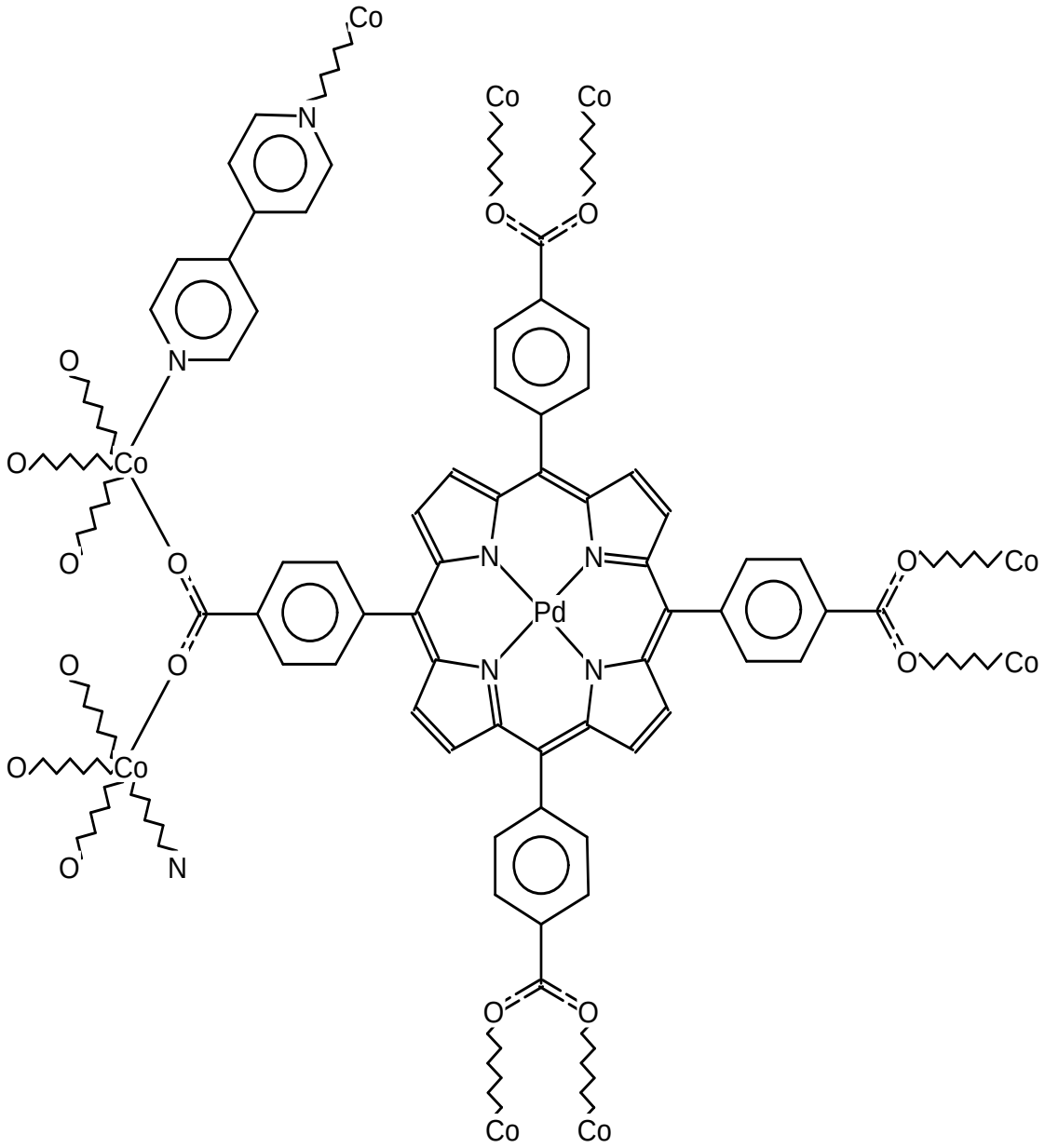
Reference: Eun-Young Choi, P.M.Barron, R.W.Novotny, Hyun-Tak Son, Chunhua Hu, Wonyoung Choe (2009) *Inorg.Chem.* ,**48,** 426

Formula: $(C_{58}\ H_{32}\ Co_2\ N_6\ O_8\ Pd_1)n$

Compound Name: catena-((μ_9-5,10,15,20-tetrakis(4-carboxyphenyl)porphyrinato)-(μ_2-4,4'-bipyridine)-di-cobalt-palladium unknown solvate)

Space Group:	P4/mmm	***Cell:***	***a***	16.712(0)	***b***	16.712(0)	***c*** 13.917(0)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.05 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 0.498



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2005

QOSZIH

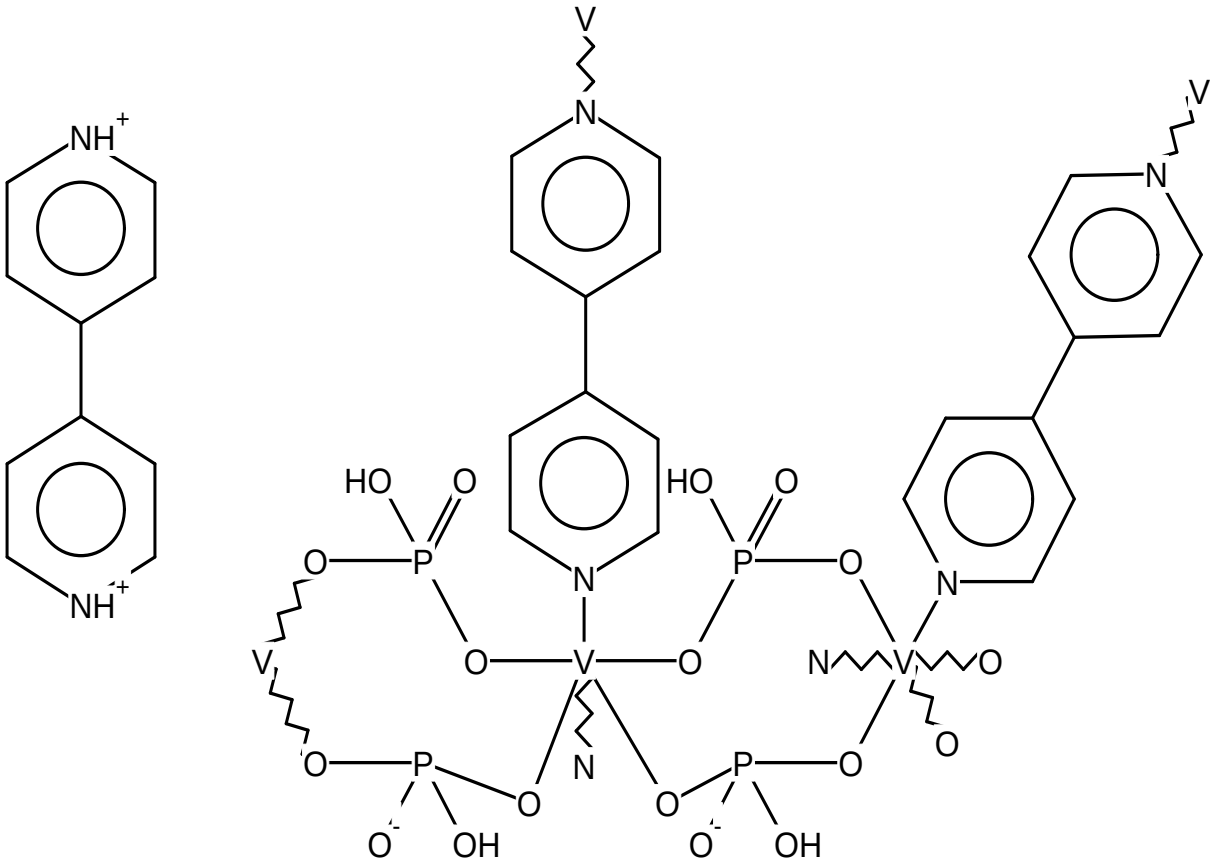
Reference: Ching-Hui Huang, Li-Hsun Huang, Kwang-Hwa Lii (2001) *Inorg.Chem. ,***40,**2625

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{20}\ H_{20}\ N_4\ O_{16}\ P_4\ V_2\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_2-4,4'-bipyridine-N,N')-tetrakis(μ_2-hydrogenphosphato-O,O')-di-vanadium)

Space Group:	P2	***Cell:***	***a***	8.143(0)	***b*** 11.434(1)	***c***	10.091(1)
Space Group No.:	3	***(Å,°)***	α	90.00	β 107.06(0)	γ	90.00

R-Factor (%): 4.49 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.768



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2006

QOTFEL

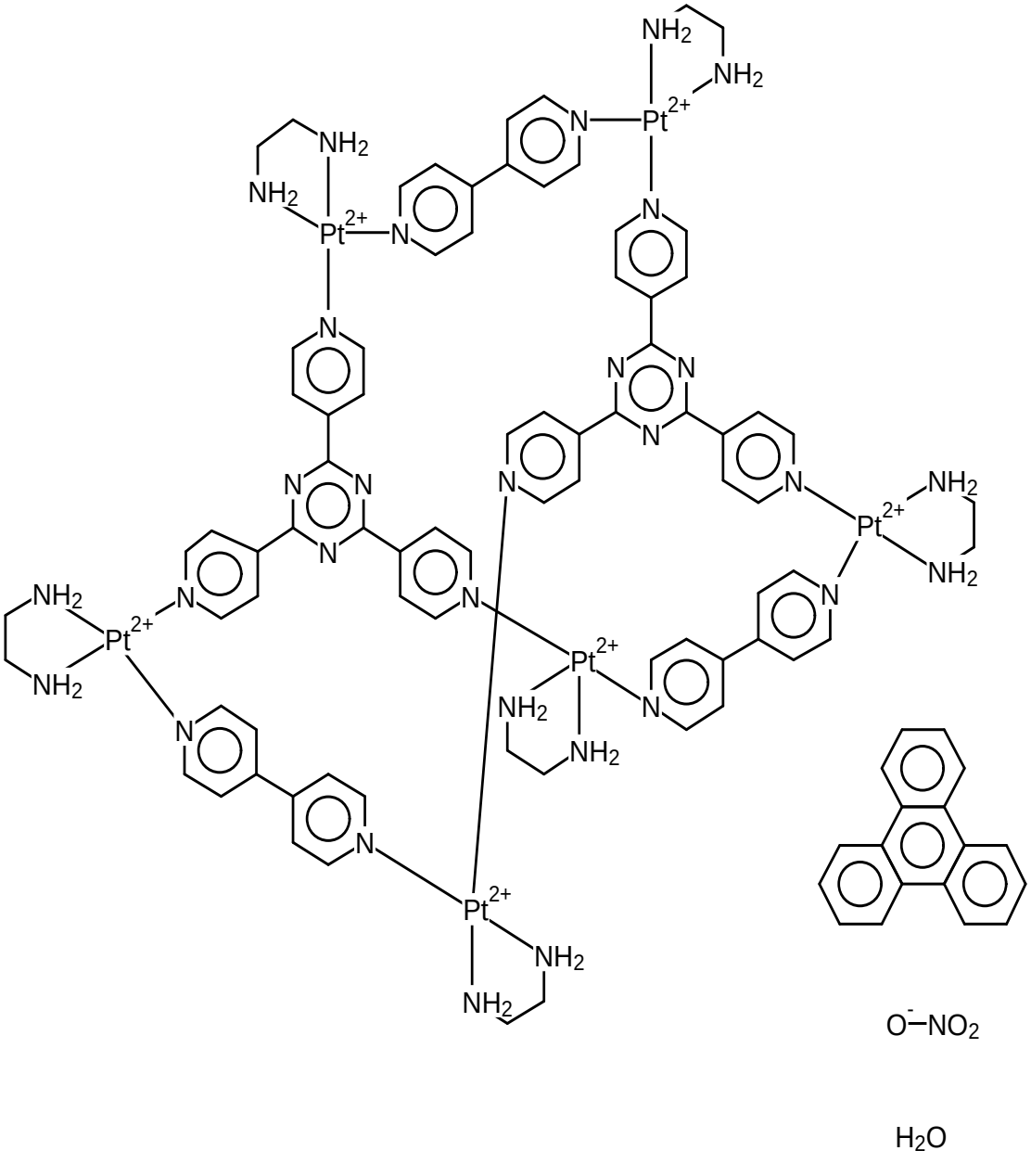
Reference: T.Sawada, M.Yoshizawa, S.Sato, M.Fujita (2009)
Nature Chemistry ,**1,**53

Formula: $C_{78}\ H_{96}\ N_{30}\ Pt_6\ ^{12+}$,2($C_{18}\ H_{12}$),12($N_1\ O_3\ ^{1-}$),33($H_2\ O_1$)

Compound Name: bis(μ_3-2,4,6-tris(4-Pyridyl)-1,3,5-triazine)-tris(μ_2-4,4'-bipyridine)-hexakis(1,2-ethylenediamine)-hexa-platinum(ii) bis(pyrene) clathrate dodecanitrate hydrate

Space Group:	R3c	***Cell:***	***a***	32.247(4)	***b***	32.247(4)	***c***	27.798(7)
Space Group No.:	161	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.19 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.759



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2007

QOTFOV

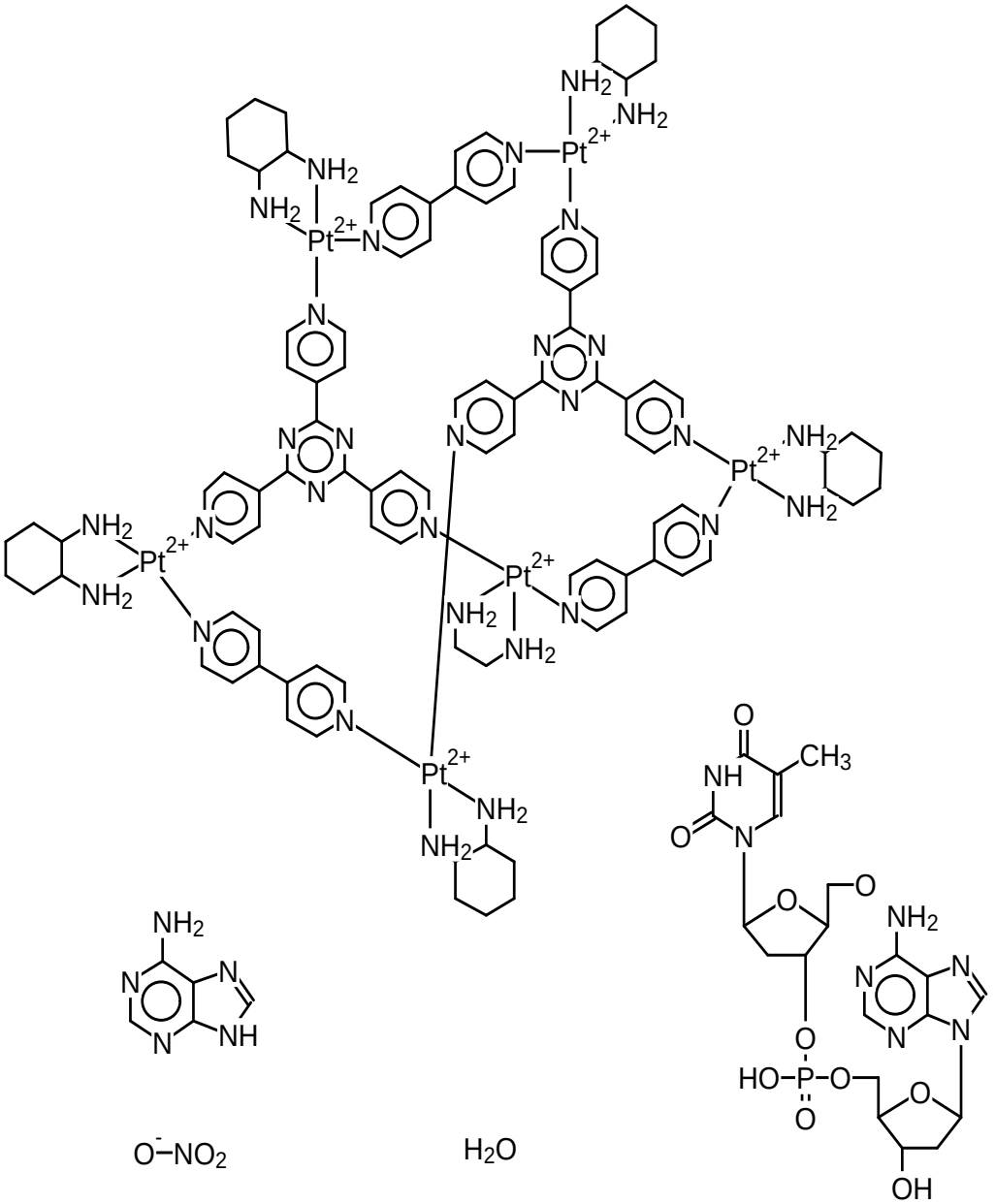
Reference: T.Sawada, M.Yoshizawa, S.Sato, M.Fujita (2009)
Nature Chemistry ,**1,**53

Formula: $C_{98}\ H_{126}\ N_{30}\ Pt_6\ ^{12+}$,2($C_{20}\ H_{25}\ N_7\ O_{10}\ P_1$),2($C_5\ H_5\ N_5$),12($N_1\ O_3\ ^{1-}$),40($H_2\ O_1$)

Compound Name: bis(μ_3-2,4,6-tris(4-Pyridyl)-1,3,5-triazine)-tris(μ_2-4,4'-bipyridine)-hexakis(1,2-cyclohexanediamine)-hexa-platinum(ii) bis(thymidylyl-(3'-5')-2'-deoxyadenosine) bis(adenine) clathrate dodecanitrate hydrate

Space Group:	P43212	***Cell:***	***a***	28.765(8)	***b***	28.765(8)	***c***	28.673(8)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.92 ***Temperature(K):*** 80 ***Density(g/cm^3):*** 1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2008

QOTJIS

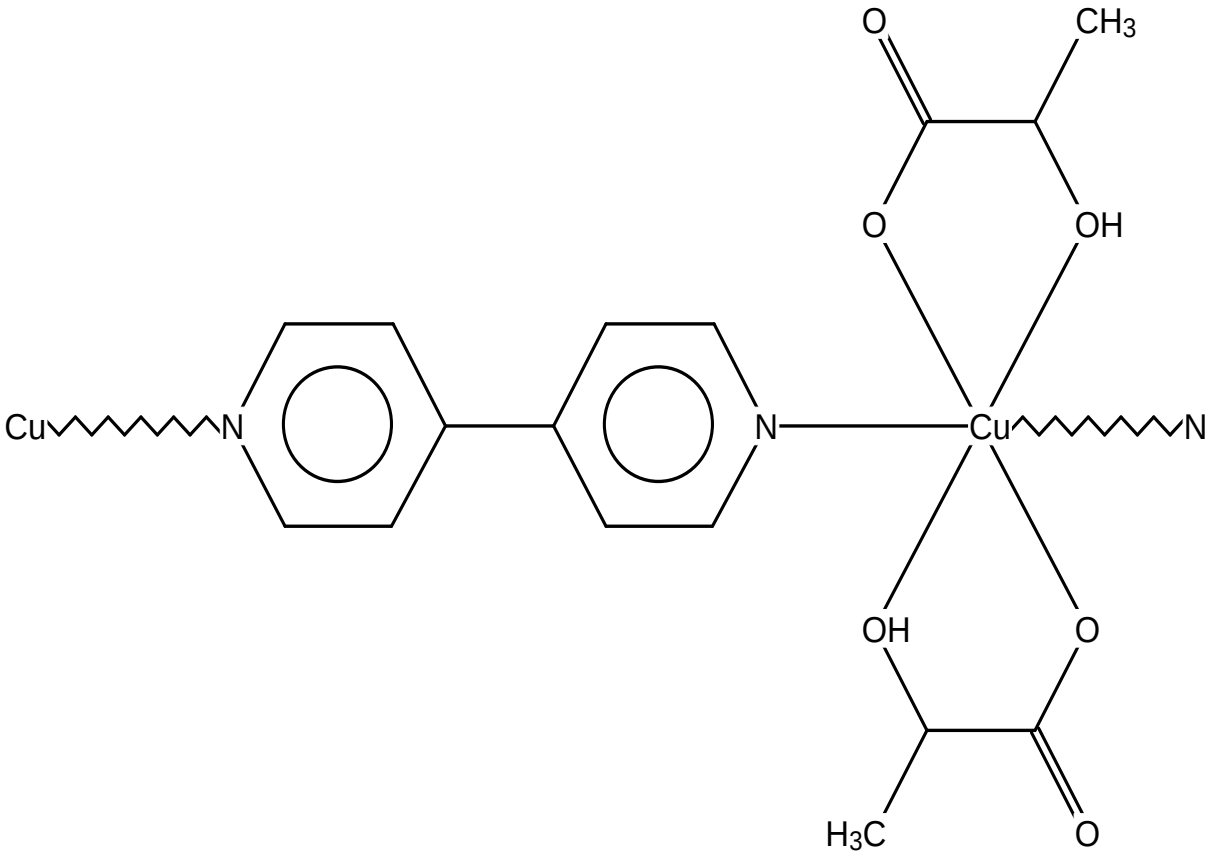
Reference: R.Carballo, A.Castineiras, B.Covelo, E.M.Vazquez-Lopez (2001) *Polyhedron* ,**20,**899

Formula: $(C_{16}\ H_{18}\ Cu_1\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(lactato-O,O')-copper(ii))

Space Group:	C2/m	***Cell:***	***a***	14.443(2)	***b*** 11.203(1)	***c***	5.390(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 104.85(0)	γ	90.00

R-Factor (%): 3.45 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.567



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2009

QOTJOY

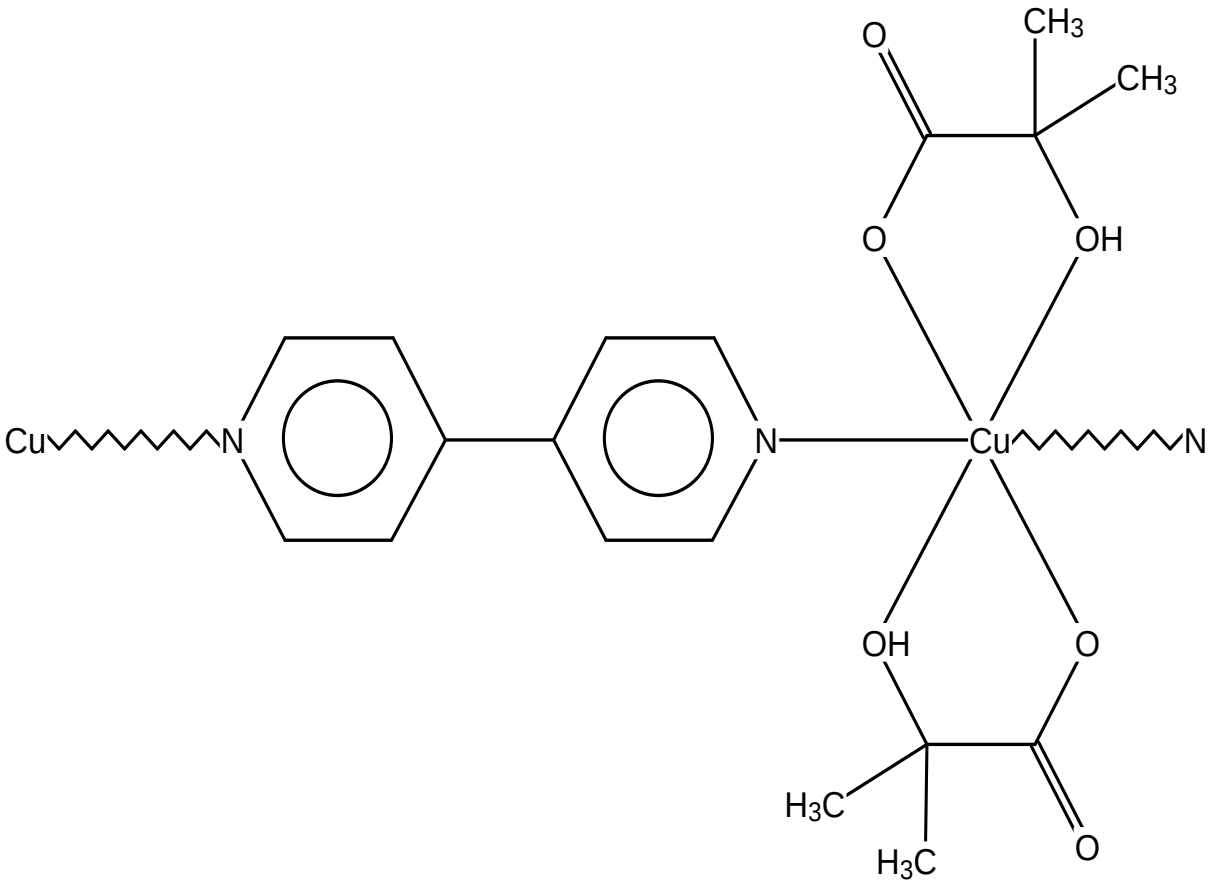
Reference: R.Carballo, A.Castineiras, B.Covelo, E.M.Vazquez-Lopez (2001) *Polyhedron* ,**20,**899

Formula: $(C_{18}\ H_{22}\ Cu_1\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(2-methyllactato-O,O')-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	16.514(1)	***b*** 11.156(1)	***c***	11.283(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.97(0)	γ	90.00

R-Factor (%): 4.97 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.514



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2010

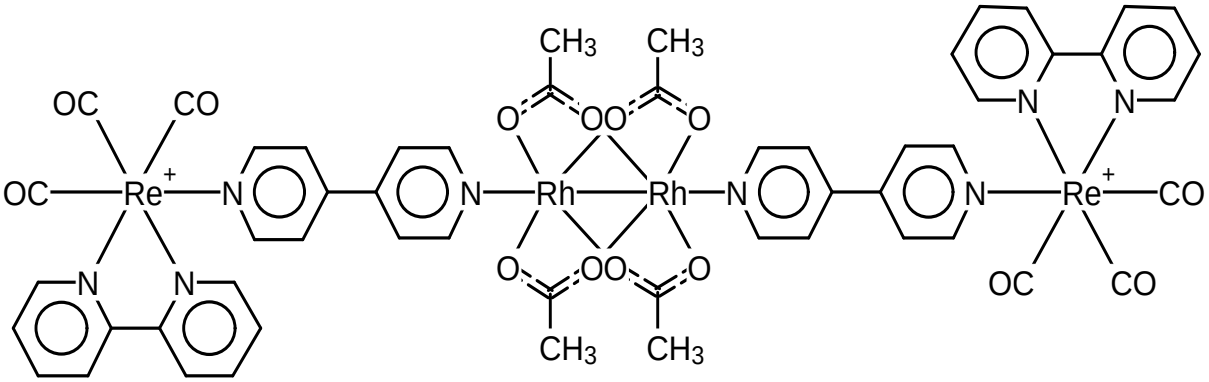
QOTLUG

Reference: Wen-Mei Xue, F.E.Kuhn, E.Herdtweck (2001) *Polyhedron* , **20,**791

Formula: $C_{54}\ H_{44}\ N_8\ O_{14}\ Re_2\ Rh_2\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$),3.75($C_2\ H_3\ N_1$)

Compound Name: bis(bis(μ_2-Acetato)-(μ_2-4,4-bipyridyl)-(2,2'-bipyridyl)-tricarbonyl-rhenium(i)-rhodium) bis(trifluoromethanesulfonate) acetonitrile solvate

Space Group:	P21/n	***Cell:***	***a***	15.702(0)	***b*** 32.266(1)	***c***	16.968(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 116.38(0)	γ	90.00
R-Factor (%):	4.67	***Temperature(K):***	143		***Density(g/cm^3):***		1.776



$F_3C{-}SO_3^-$

$H_3C{-}CN$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2011

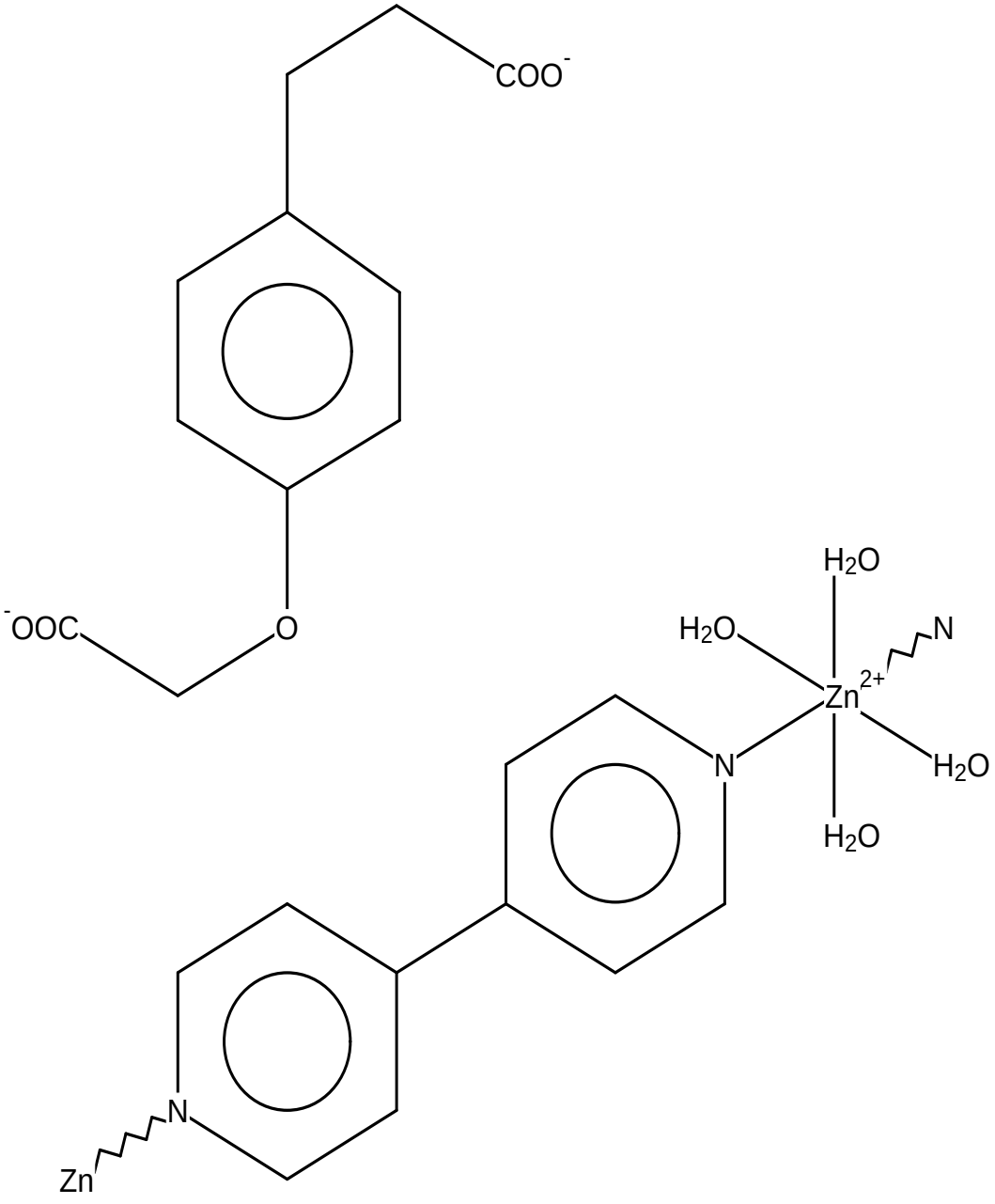
QOTSIC

Reference: Chun-Yan Ao, Chong-Bo Liu, Liu-Shui Yan (2009)
*Z.Kristallogr.-New Cryst.Struct. ,***224,**179

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_{11}\ H_{10}\ O_5\ ^{2-})$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-tetraaqua-zinc(ii) 3-(4-(carboxymethoxy) phenyl)propanoate]

Space Group:	P-1	***Cell:***	***a***	7.115(1)	***b***	7.613(1)	***c*** 10.471(1)
Space Group No.:	2	***(Å,°)***	α	91.94(0)	β	101.79(0)	γ 93.98(0)
R-Factor (%):	5.48	***Temperature(K):***	293		***Density(g/cm^3):***		1.549



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2012

QOTTOJ

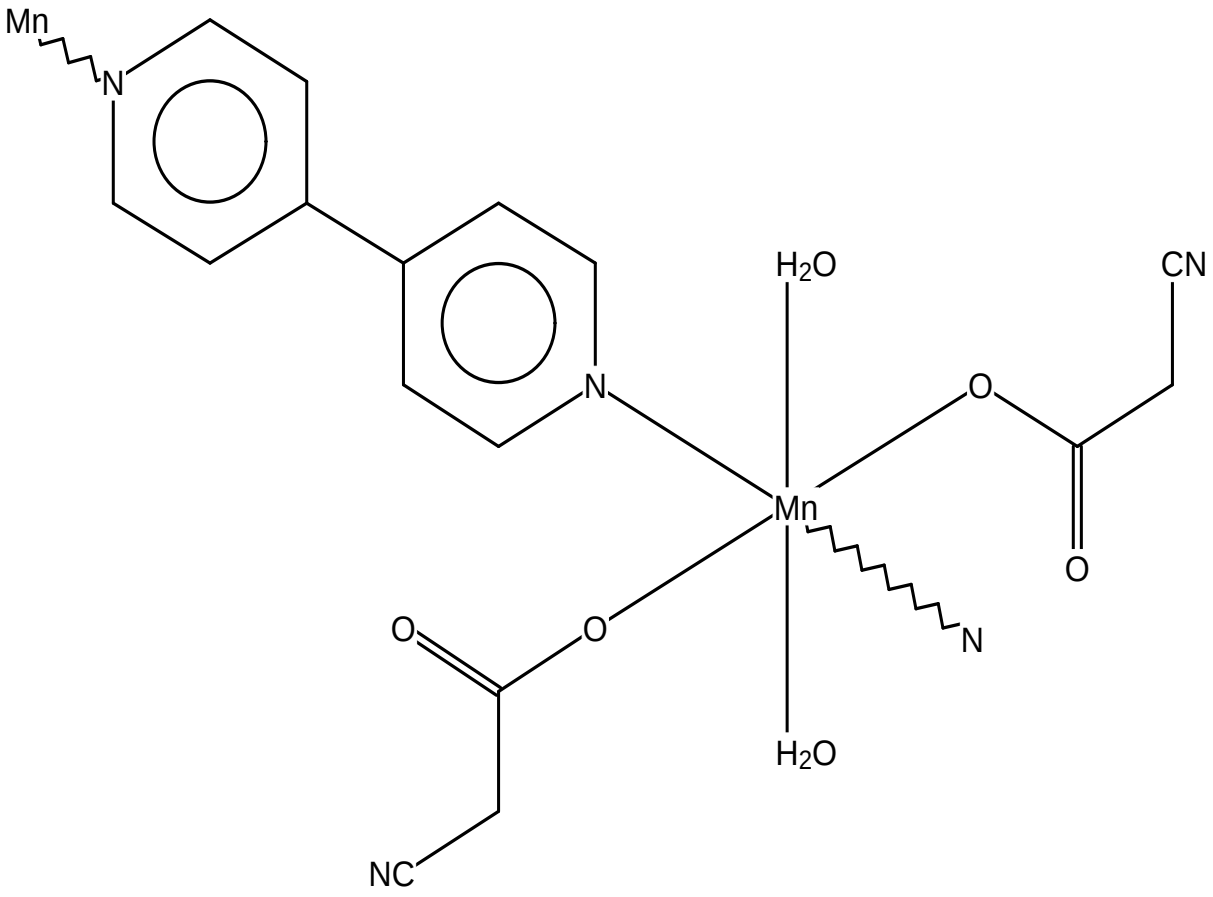
Reference: Xun Feng, Xin-Ge Shi, Fang Ruan (2009)
*Z.Kristallogr.-New Cryst.Struct. ,***224,**193

Formula: $(C_{16}\ H_{16}\ Mn_1\ N_4\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl-N,N')-diaqua-bis(cyanoacetato-O)-manganese(ii)]

Space Group:	Pccn	***Cell:***	***a***	13.028(2)	***b***	19.081(3)	***c***	7.261(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.93 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2013

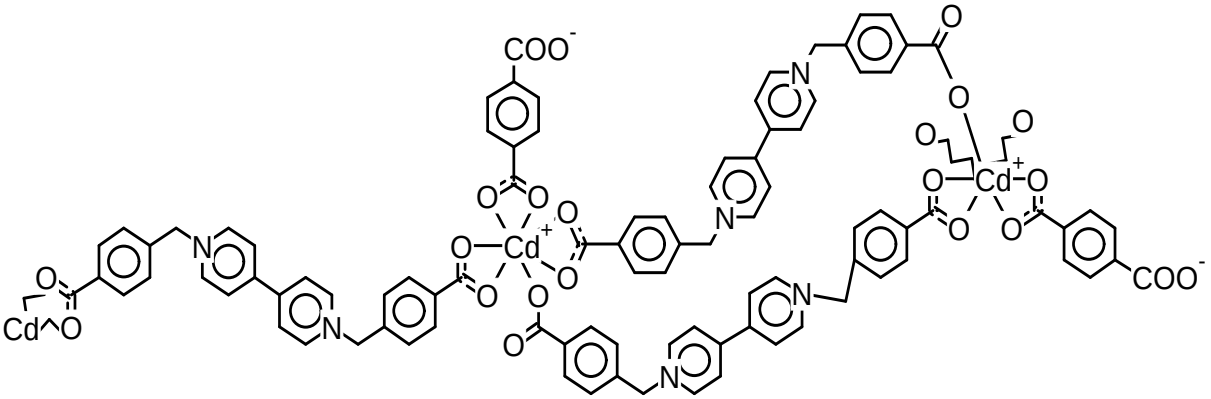
QOWREA

Reference: Qing-Xia Yao, Zhan-Feng Ju, Xu-Hui Jin, Jie Zhang (2009) *Inorg.Chem. ,***48,**1266

Formula: $(C_{94}\ H_{68}\ Cd_2\ N_6\ O_{20})n,20n(H_2\ O_1)$

Compound Name: catena-[(μ_2-1,1'-bis(4-Carboxybenzyl)-4,4'-bipyridine-O,O',O'',O''')-bis(μ_2-1,1'-bis(4-carboxybenzyl)-4,4'-bipyridine-O,O',O'')-bis(benzene-1,4-dicarboxylato)-di-cadmium(ii) icosahydrate]

Space Group:	P21/c	***Cell:***	***a***	11.986(4)	***b***	16.002(5)	***c***	25.926(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.81(0)	γ	90.00
R-Factor (%):	8.44	***Temperature(K):***	294		***Density(g/cm^3):***	1.464		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2014

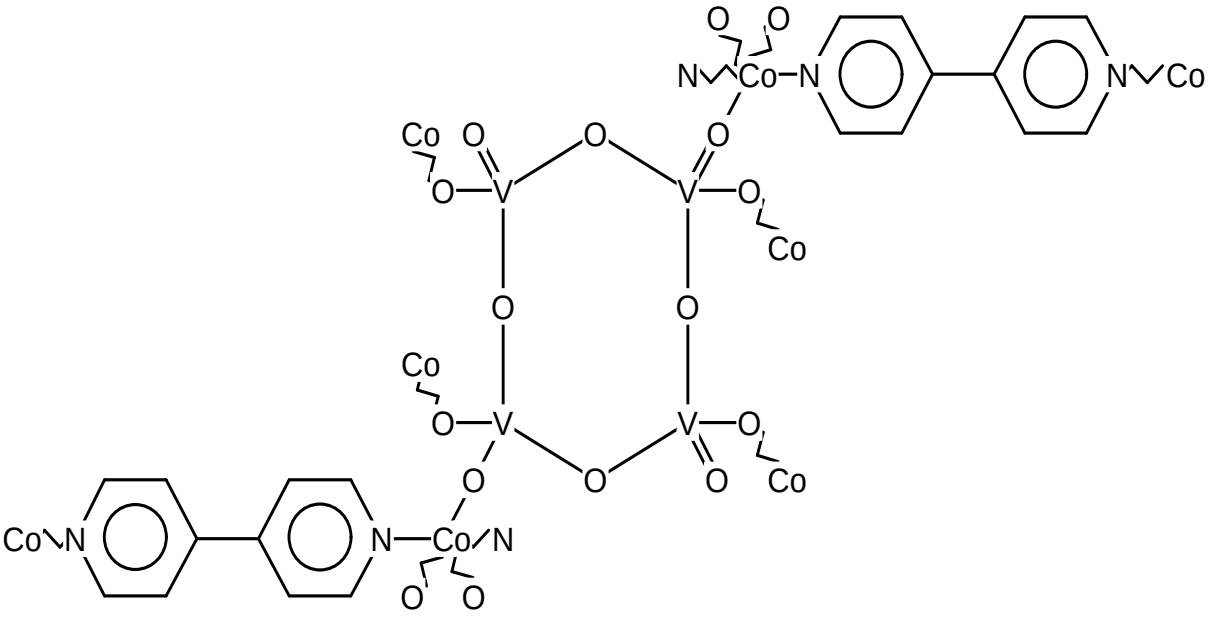
QOXFAK

Reference: Li-Min Zheng, Xiqu Wang, Yongsheng Wang, A.J.Jacobson (2001) *J.Mater.Chem.* ,**11,**1100

Formula: $(C_{20}\ H_{16}\ Co_2\ N_4\ O_{12}\ V_4)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-decakis(μ_2-oxo)-dioxo-di-cobalt-tetra-vanadium(v))

Space Group:	P-1	***Cell:***	***a***	8.164(2)	***b***	8.587(2)	***c***	10.162(2)
Space Group No.:	2	***(Å,°)***	α	87.04(3)	β	75.72(3)	γ	75.02(3)
R-Factor (%):	3.27	***Temperature(K):***	295		***Density(g/cm^3):***		2.057	



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2015

QOXFAK01

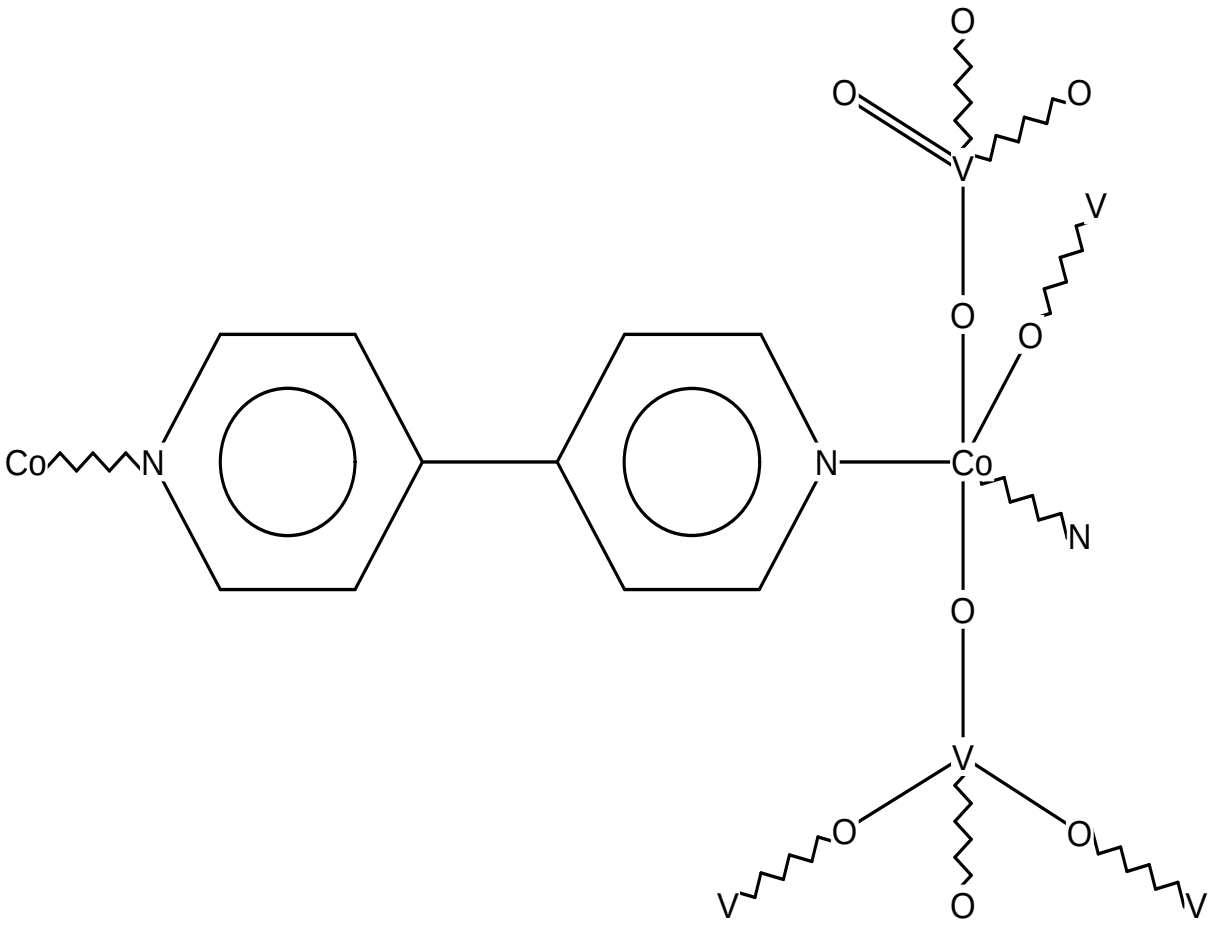
Reference: L.Yang, H.Naruke, T.Yamase (2001)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**57,**1378

Formula: $(C_{10}\ H_8\ Co_1\ N_2\ O_6\ V_2)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-pentakis(μ_2-oxo)-oxo-cobalt(ii)-di-vanadium)

Space Group:	P-1	***Cell:***	***a***	8.163(0)	***b***	8.572(1)	***c***	10.171(1)
Space Group No.:	2	***(Å,°)***	α	87.08(0)	β	75.83(0)	γ	75.23(0)

R-Factor (%): 4.40 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.056



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2016

QOXFAK02

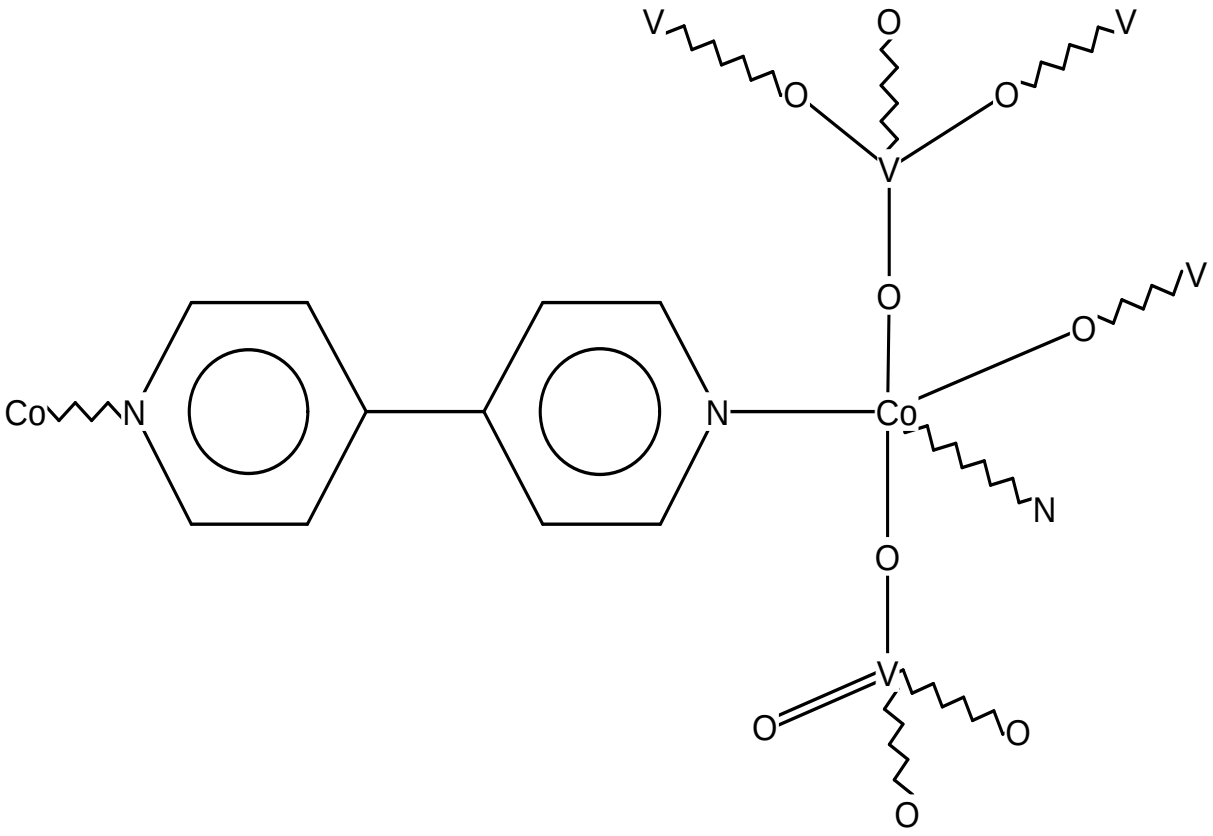
Reference: M.I.Khan, E.Yohannes, R.C.Nome, S.Ayesh, V.O.Golub, C.J.O'Connor, R.J.Doedens (2004) *Chem.Mater.* ,**16,**5273

Formula: $(C_{10}\ H_8\ Co_1\ N_2\ O_6\ V_2)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-pentakis(μ_2-oxo)-oxo-cobalt(ii)-di-vanadium)

Space Group:	P-1	***Cell:***	***a***	8.152(0)	***b*** 8.579(0)	***c***	10.123(0)
Space Group No.:	2	***(Å,°)***	α	87.02(0)	β 75.96(0)	γ	75.17(0)

R-Factor (%): 2.42 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.066



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2017

QOXFAK03

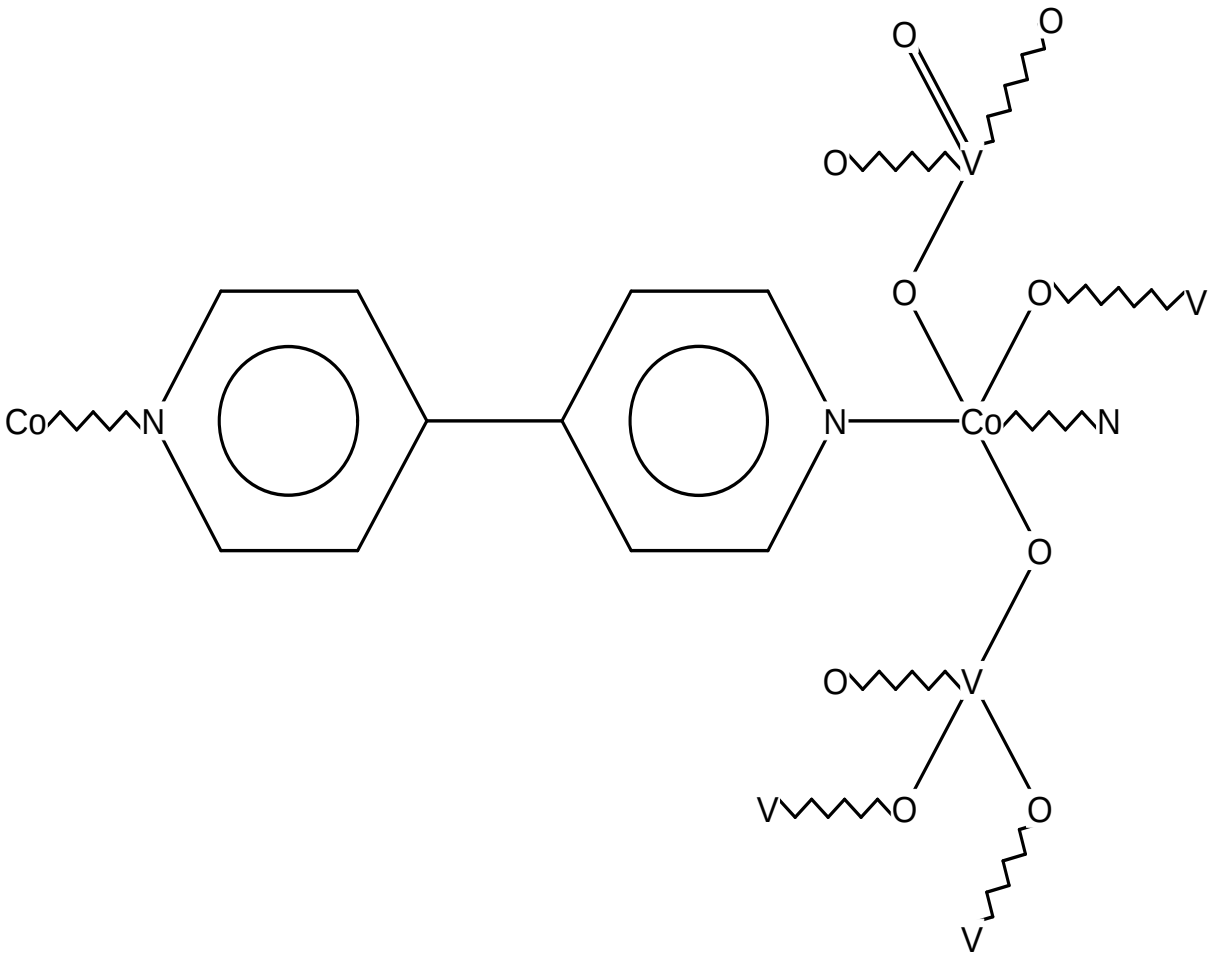
Reference: Zeng-He Li, Chen Yin, Ru-Ji Wang, Ping Wang, Hong-You Guo (2003)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**19,**1133

Formula: $(C_{10}\ H_8\ Co_1\ N_2\ O_6\ V_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-pentakis(μ_2-oxo)-oxo-cobalt-di-vanadium)

Space Group:	P-1	***Cell:***	***a***	8.160(0)	***b***	8.583(0)	***c***	10.203(0)
Space Group No.:	2	***(Å,°)***	α	87.11(0)	β	75.31(0)	γ	74.78(0)

R-Factor (%): 3.64 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.057



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2018

QOXFAK04

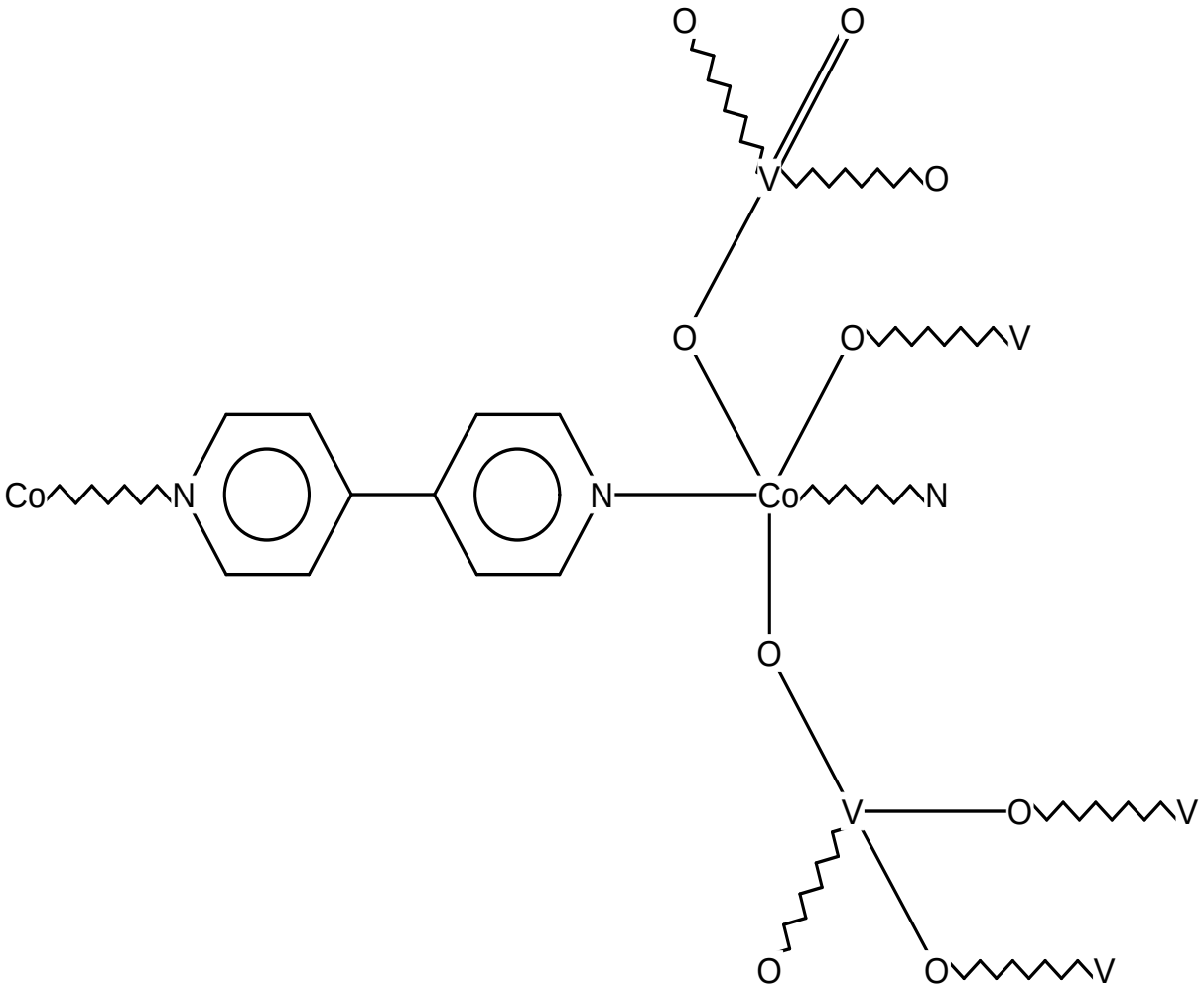
Reference: Li-Juan Zhang, Chong-chen Wang (2004)
Beijing Huagong Dax.Xue.Zir.Kex.(Chin.)(J.Beijing Univ.Chem.Technol.,Nat.Sci.Ed.) , **31,**70

Formula: $(C_{10}\ H_8\ Co_1\ N_2\ O_6\ V_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-pentakis(μ_2-oxo)-oxo-cobalt(ii)-di-vanadium(v))

Space Group:	P-1	***Cell:***	***a***	8.160(0)	***b***	8.583(0)	***c***	10.203(0)
Space Group No.:	2	***(Å,°)***	α	87.11(0)	β	75.31(0)	γ	74.78(0)

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.057



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2019

QOXJET

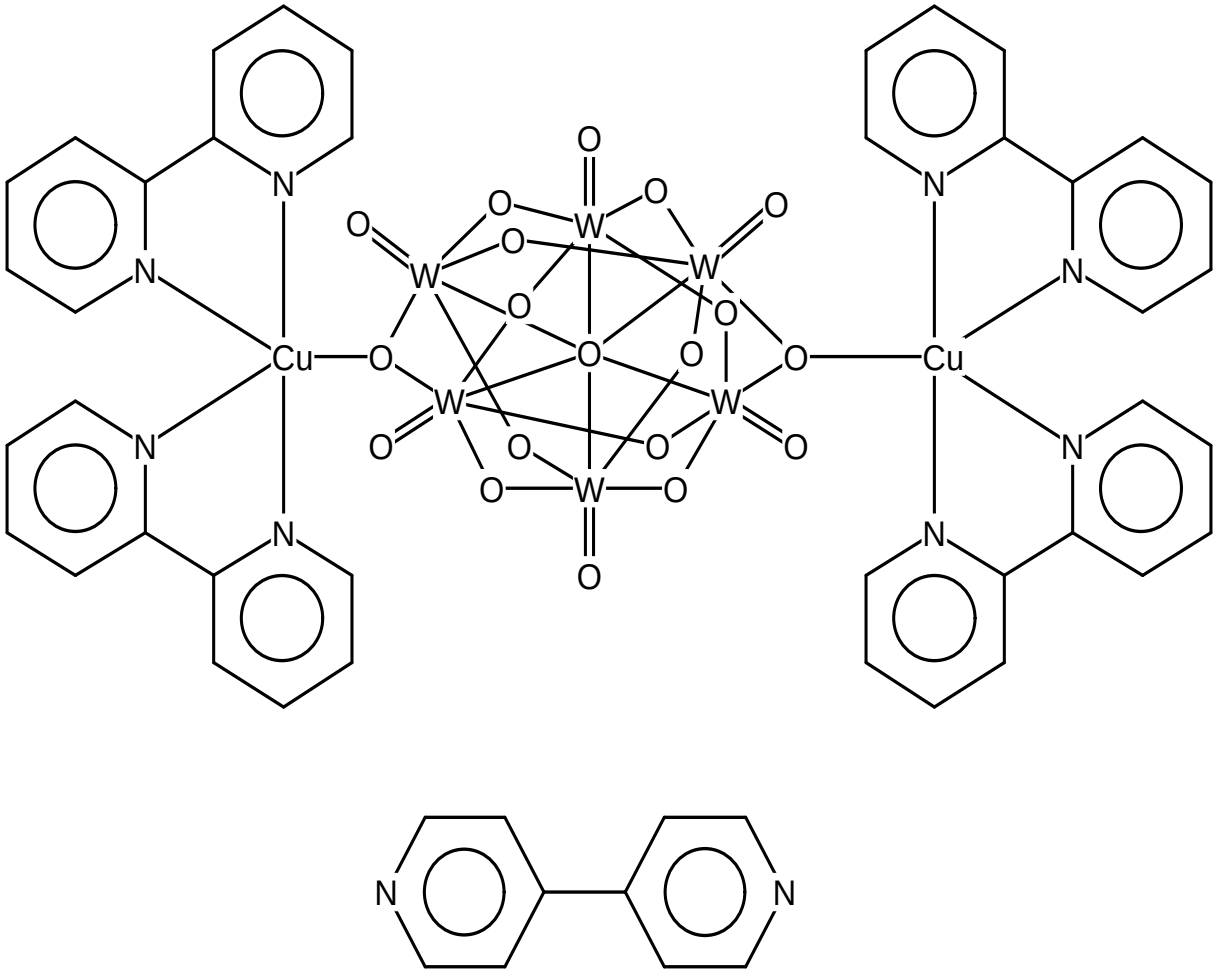
Reference: Wei-Lin Chen, Yong-Hui Wang, Yang-Guang Li, En-Bo Wang, Yun-Wu Li (2009) *J.Coord.Chem.* ,**62,**1035

Formula: $C_{40}\ H_{32}\ Cu_2\ N_8\ O_{19}\ W_6$,$C_{10}\ H_8\ N_2$

Compound Name: (μ_6-Oxo)-bis(μ_3-oxo)-dodecakis(μ_2-oxo)-tetrakis(2,2'-bipyridine)-hexaoxo-di-copper(i)-hexa-tungsten(vi) 4,4'-bipyridine solvate

Space Group:	P-1	***Cell:***	***a***	10.614(2)	***b***	11.067(2)	***c***	12.626(3)
Space Group No.:	2	***(Å,°)***	α	73.71(3)	β	77.70(3)	γ	71.37(3)

R-Factor (%): 7.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.876


N
N
Cu
O
W
O
O
W
O
W
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2020

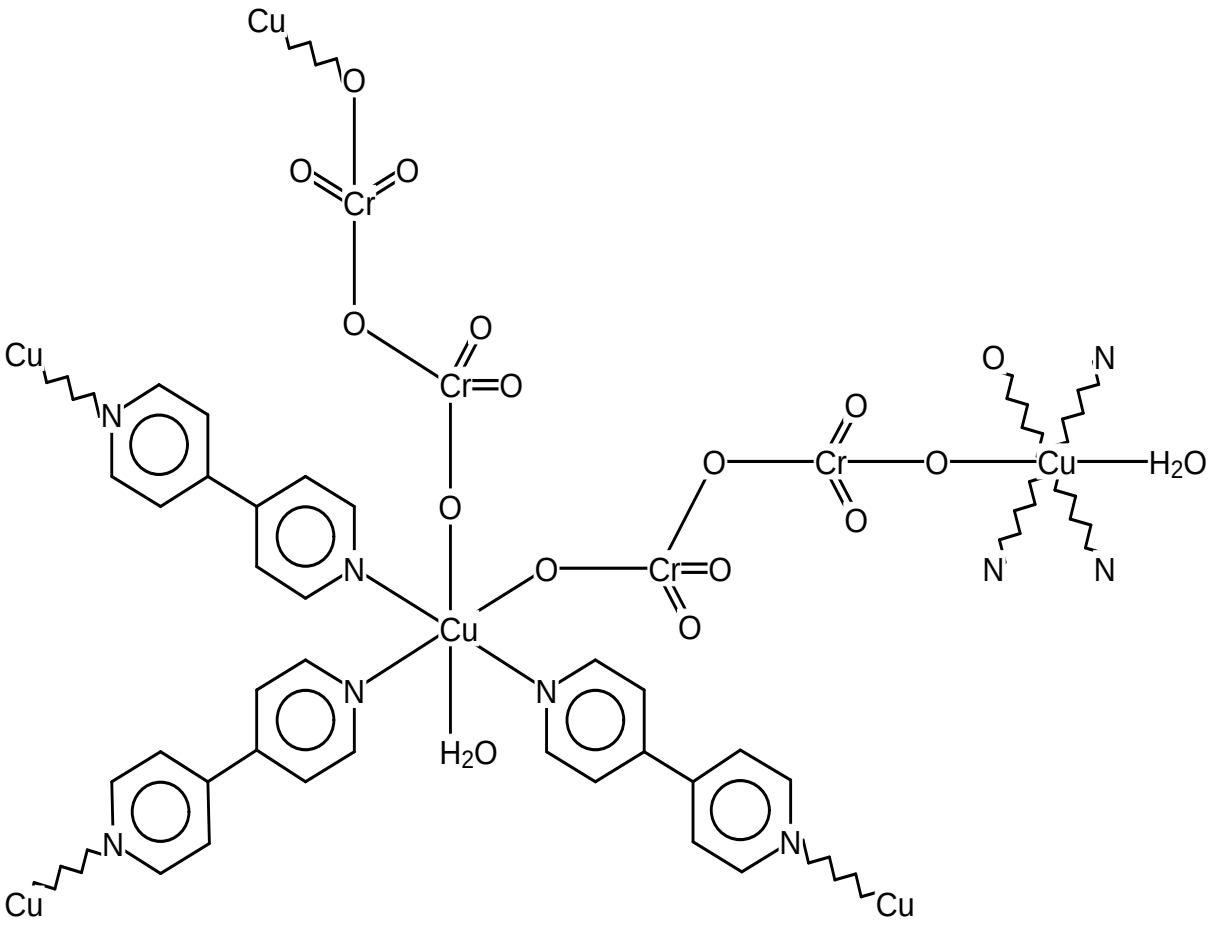
QOZJOE

Reference: Long Pan, N.Ching, Xiaoying Huang, Jing Li (2001) *Chem.Commun.* ,1064

Formula: $(C_{30}\ H_{28}\ Cr_4\ Cu_2\ N_6\ O_{16})n$

Compound Name: catena-(tris(μ_2-4,4-Bipyridine)-bis(μ_2-dichromato(vi))-diaqua-di-copper(ii))

Space Group:	P21/c	***Cell:***	***a***	8.176(2)	***b***	14.718(3)	***c*** 15.952(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.60(3)	γ 90.00
R-Factor (%):	5.38	***Temperature(K):***	295		***Density(g/cm^3):***		1.879



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2021

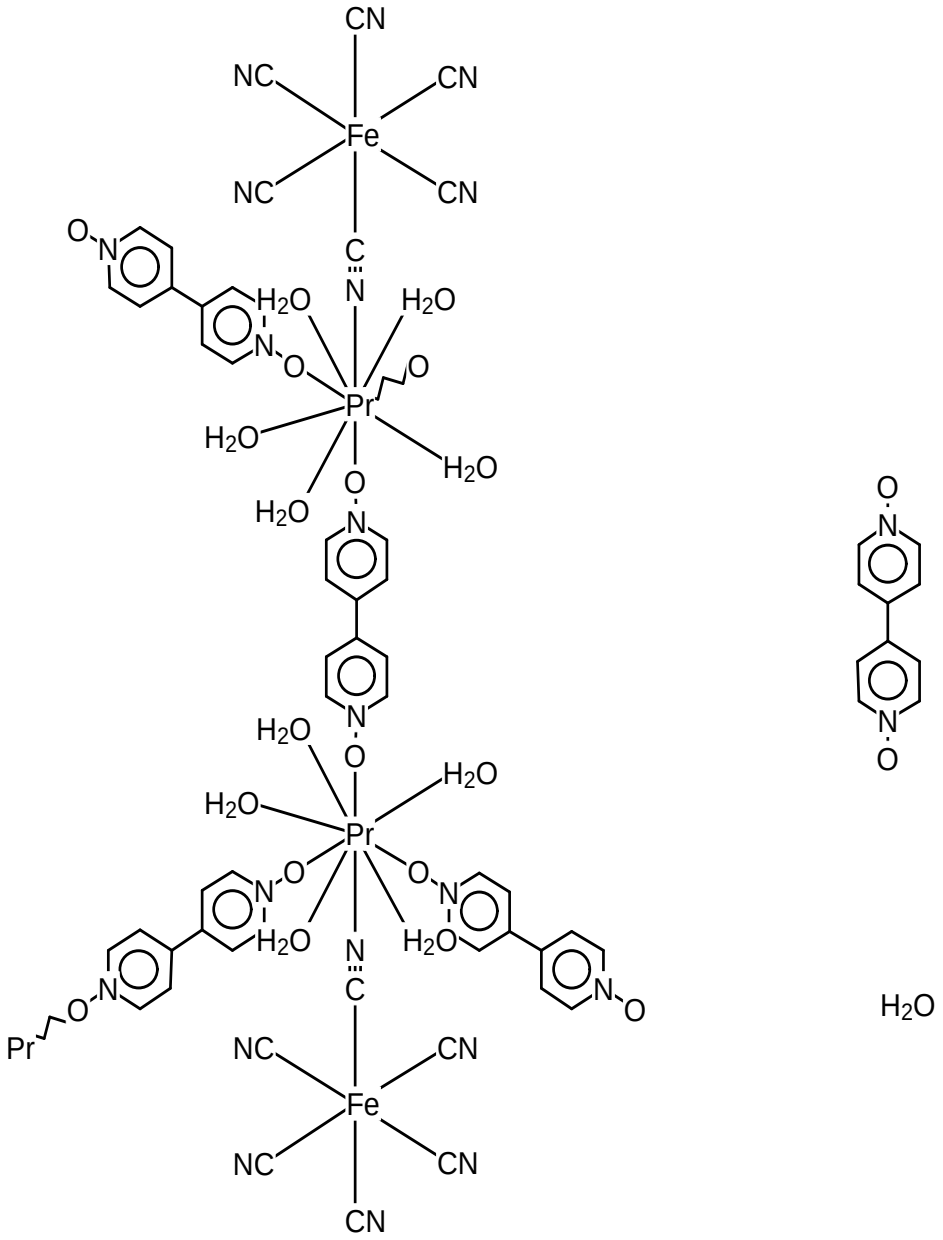
QOZKEV

Reference: S.Tanase, M.Andruh, A.Muller, M.Schmidtmann, C.Mathoniere, G.Rombaut (2001) *Chem.Commun.* ,1084

Formula: $(C_{52}\ H_{52}\ Fe_2\ N_{20}\ O_{18}\ Pr_2)n,n(C_{10}\ H_8\ N_2\ O_2),8n(H_2\ O_1)$

Compound Name: catena-(bis((μ2-4,4'-Bipyridyl N,N'-dioxide)-(μ2-cyanido)-penta-aqua-(4,4'-bipyridyl N,N'-dioxide)-pentacyanido-iron(iii)-praseodymium(iii)) 4,4'-bipyridyl N,N'-dioxide octahydrate)

Space Group:	P-1	***Cell:***	***a***	8.361(0)	***b***	15.439(0)	***c***	15.492(0)
Space Group No.:	2	***(Å,°)***	α	84.78(0)	β	80.67(0)	γ	85.66(0)
R-Factor (%):	2.36	***Temperature(K):***	183	***Density(g/cm3):***	1.669			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2022

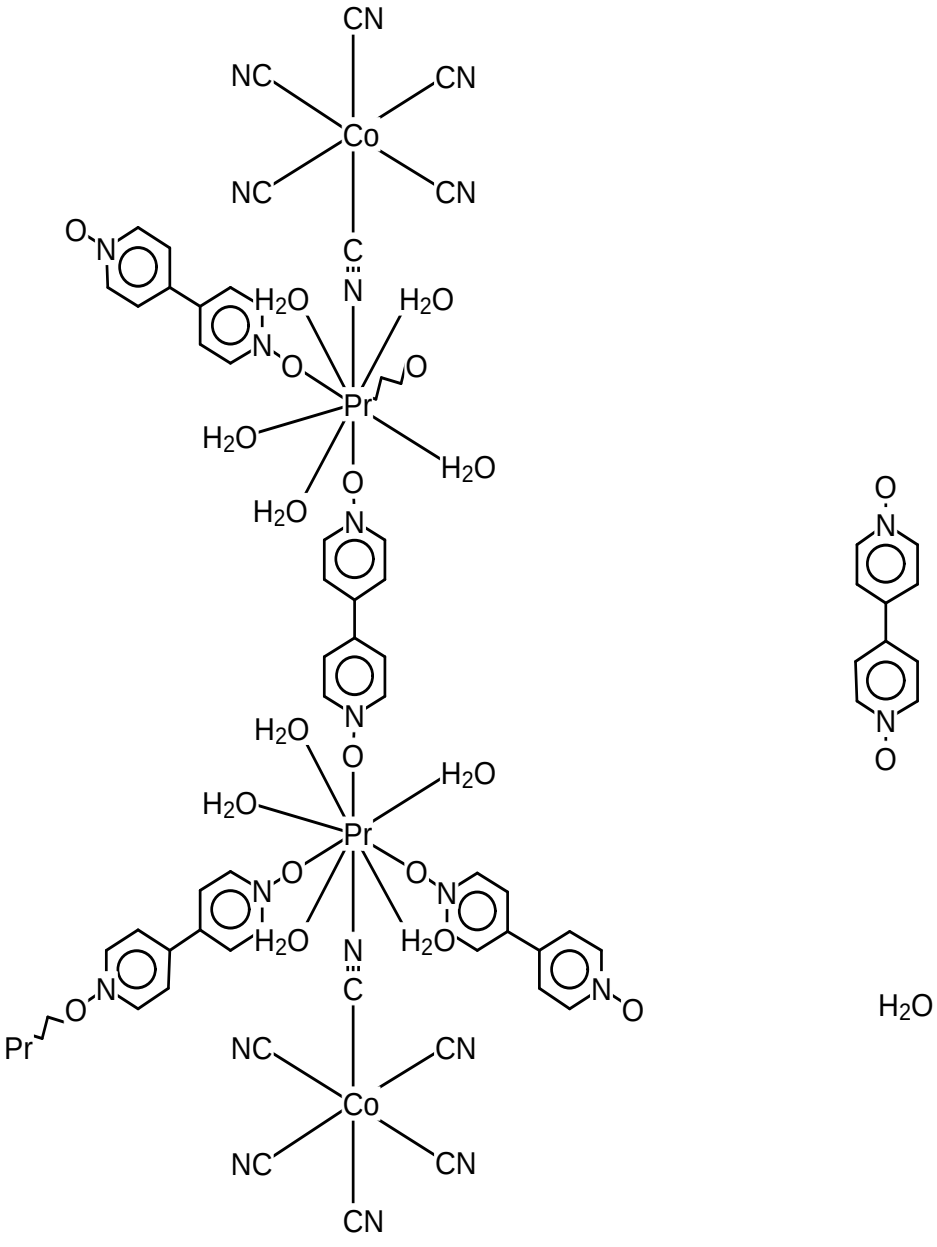
QOZKIZ

Reference: S.Tanase, M.Andruh, A.Muller, M.Schmidtmann, C.Mathoniere, G.Rombaut (2001) *Chem.Commun.* ,1084

Formula: $(C_{52}\ H_{52}\ Co_2\ N_{20}\ O_{18}\ Pr_2)n,n(C_{10}\ H_8\ N_2\ O_2),8n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl N,N'-dioxide)-(μ$_2$-cyanido)-penta-aqua-(4,4'-bipyridyl N,N'-dioxide)-pentacyanido-cobalt(iii)-praseodymium(iii)) 4,4'-bipyridyl N,N'-dioxide octahydrate)

Space Group:	P-1	***Cell:***	***a***	8.375	***b***	15.410	***c*** 15.420
Space Group No.:	2	***(Å,°)***	α	84.88	β	80.66	γ 85.63
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		1.682



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2023

QOZLAS

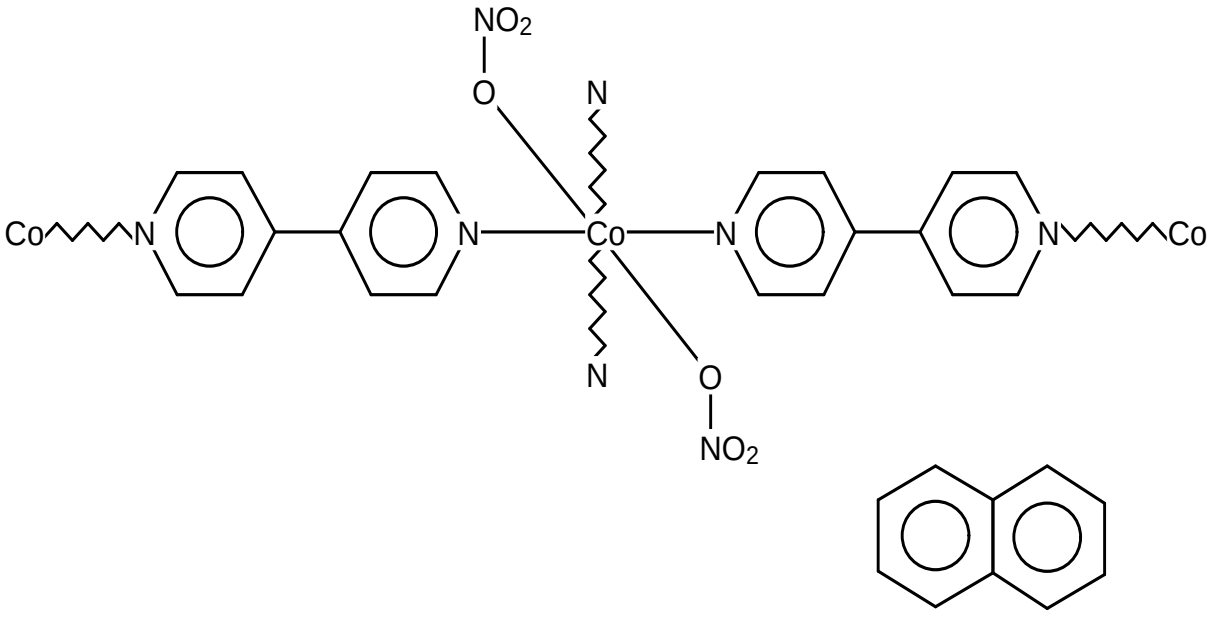
Reference: K.Biradha, K.V.Domasevitch, C.Hogg, B.Moulton, K.N.Power, M.J.Zaworotko (1999) *Crystal Engineering* ,**2,**37

Formula: $(C_{20}\ H_{16}\ Co_1\ N_6\ O_6)n,3n(C_{10}\ H_8)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(nitrato)-cobalt tris(naphthalene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	16.166(2)	***b***	11.494(1)	***c*** 22.855(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.73(3)	γ 90.00

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.386



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2024

QOZLEW

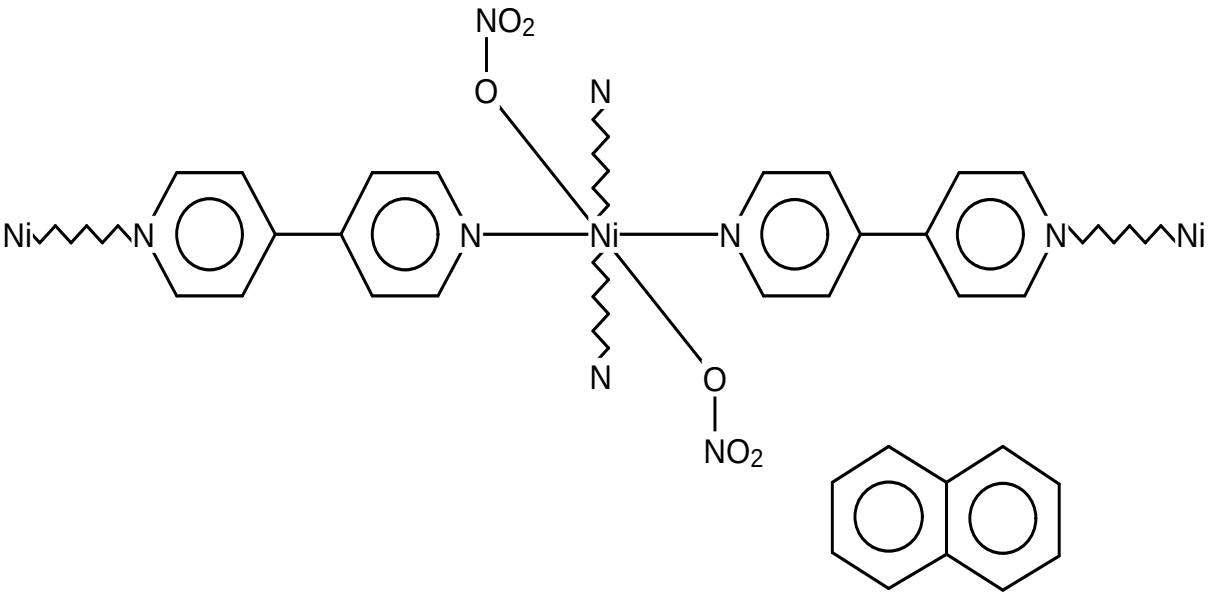
Reference: K.Biradha, K.V.Domasevitch, C.Hogg, B.Moulton, K.N.Power, M.J.Zaworotko (1999) *Crystal Engineering* ,**2,**37

Formula: $(C_{20}\ H_{16}\ N_6\ Ni_1\ O_6)n,3n(C_{10}\ H_8)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(nitrato)-nickel tris(naphthalene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	16.101(0)	***b***	11.381(0)	***c*** 22.645(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.31(0)	γ 90.00

R-Factor (%): 7.96 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.419



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2025

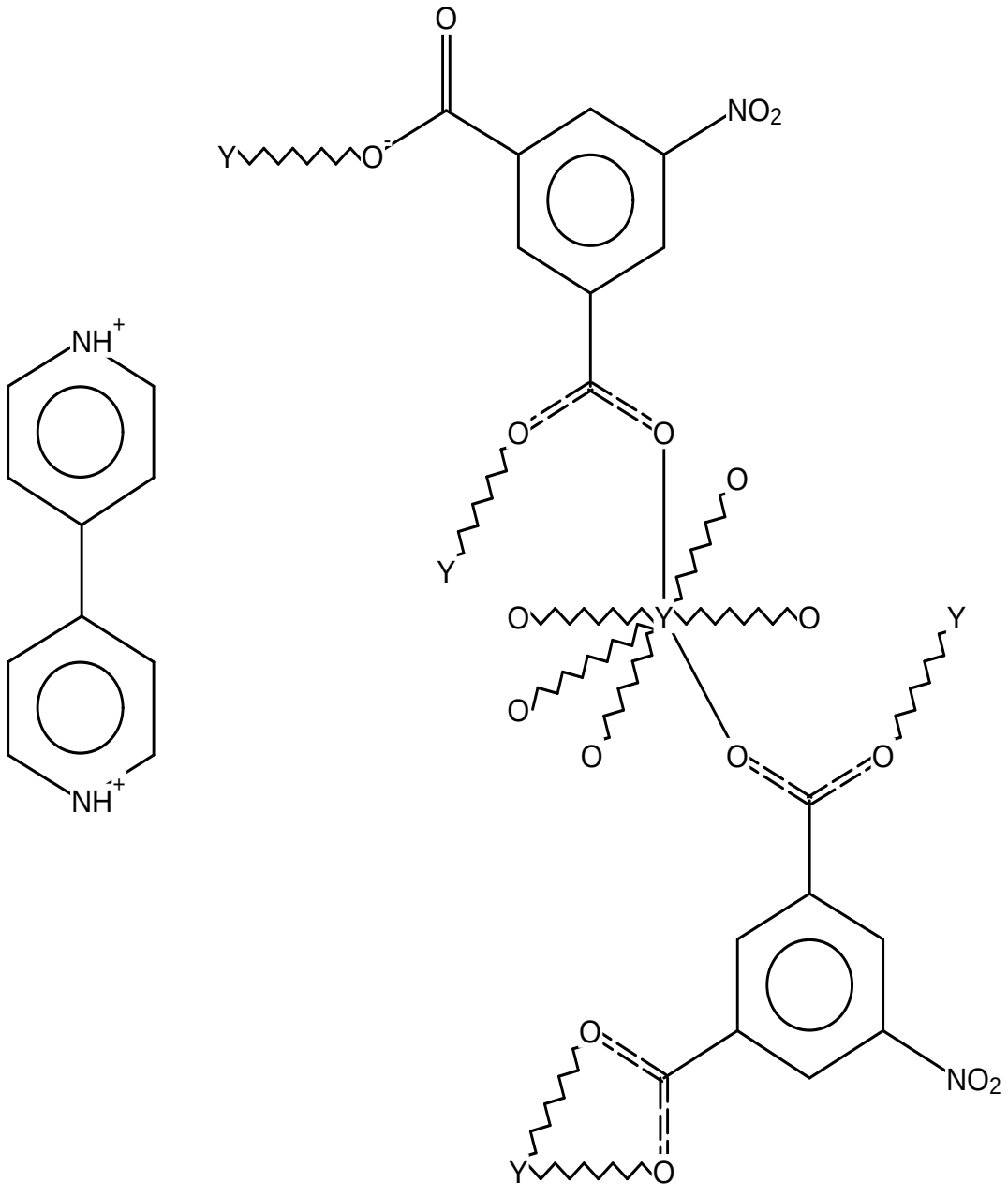
QOZLIB

Reference: Yan Huang, Bing Yan, Min Shao (2009)
*J.Solid State Chem. ,***182,**657

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})0.5n,n(C_{16}\ H_6\ N_2\ O_{12}\ Y_1\ ^{1-})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_3-5-nitroisophthalato-O,O',O'',O''')-(μ_3-5-nitroisophthalato-O,O',O'')-yttrium(iii))

Space Group:	P-1	***Cell:***	***a***	8.686(1)	***b***	9.376(1)	***c*** 13.832(1)
Space Group No.:	2	***(Å,°)***	α	84.97(0)	β	77.89(0)	γ 73.86(0)
R-Factor (%):	3.23	***Temperature(K):***	273	***Density(g/cm^3):***	1.841		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2026

QQQAAF

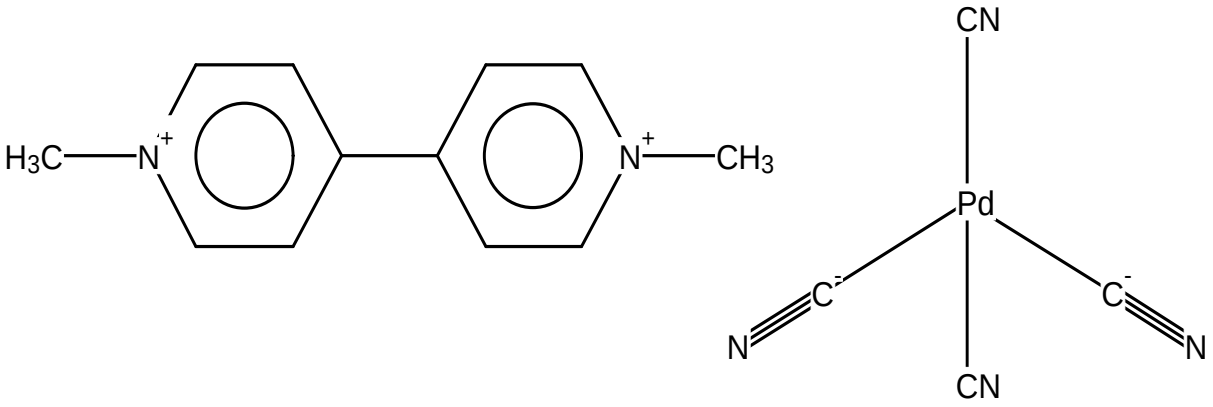
Reference: S.S.Basson, L.D.C.Bok, J.G.Leipoldt (1969)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***25,**579

Formula: $C_{12}\,H_{14}\,N_2\,^{2+},C_4\,N_4\,Pd_1\,^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-dipyridinium tetracyanopalladate(ii)

Space Group:	P21/n	***Cell:***	***a***	8.080	***b***	7.710	***c*** 13.450
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.25	γ 90.00

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.589



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2027

QQQAAI

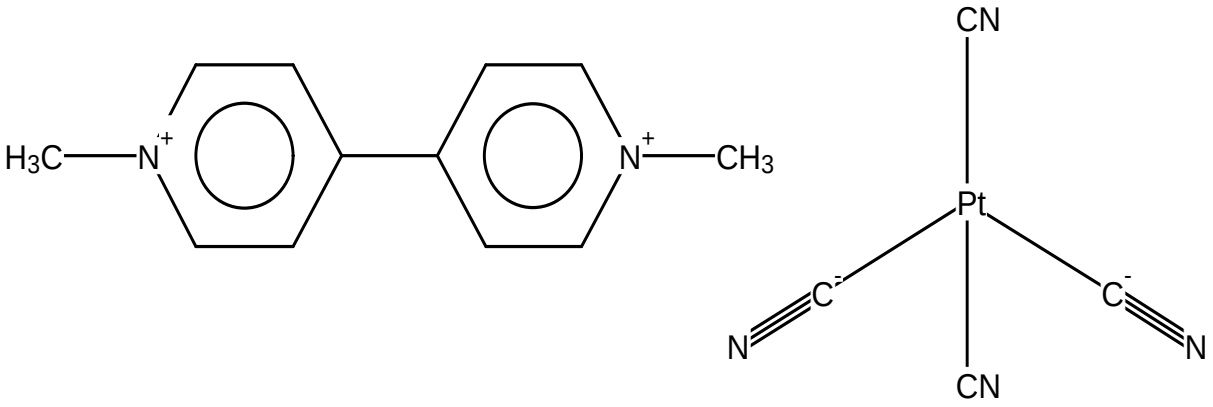
Reference: L.D.C.Bok, J.G.Leipoldt (1969)
*Acta Crystallogr.,Sect.B:Struct.Crystallogr.Cryst.Chem. ,***25,**579

Formula: $C_{12}\ H_{14}\ N_2\ ^{2+},C_4\ N_4\ Pt_1\ ^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-dipyridinium tetracyanoplatinate(ii)

Space Group:	P21/n	***Cell:***	***a***	8.080	***b***	7.770	***c*** 13.450
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.25	γ 90.00

R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.929



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2028

QQQAAI01

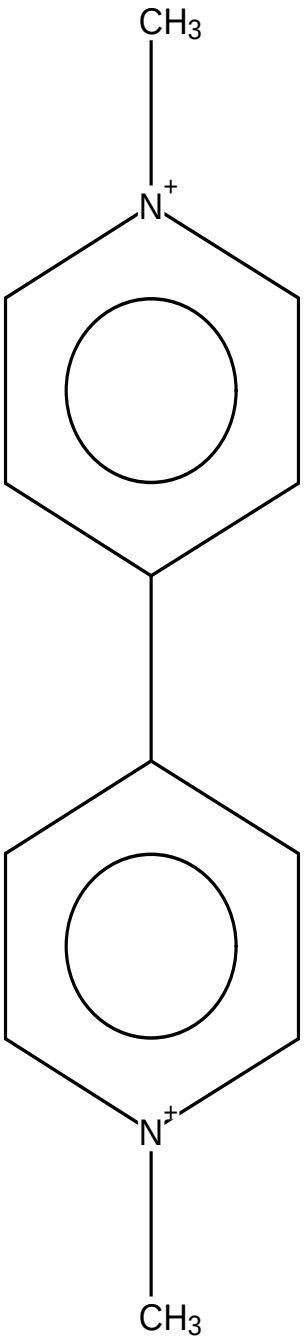
Reference: D.Shiota, N.Matsushita (2008) *Chem.Lett.* ,**37,**398

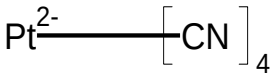
Formula: $C_{12}\,H_{14}\,N_2\,^{2+},C_4\,N_4\,Pt_1\,^{2-}$

Compound Name: N,N'-Dimethyl-4,4'-dipyridinium tetracyano-platinum(ii)

Space Group:	P21/n	***Cell:***	***a***	8.066(1)	***b***	7.748(0)	***c*** 13.532(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.13(0)	γ 90.00

R-Factor (%): 1.91 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.926





Search: search1 (Thu May 26 10:05:42 2011): Hit 2029

QUDCIC

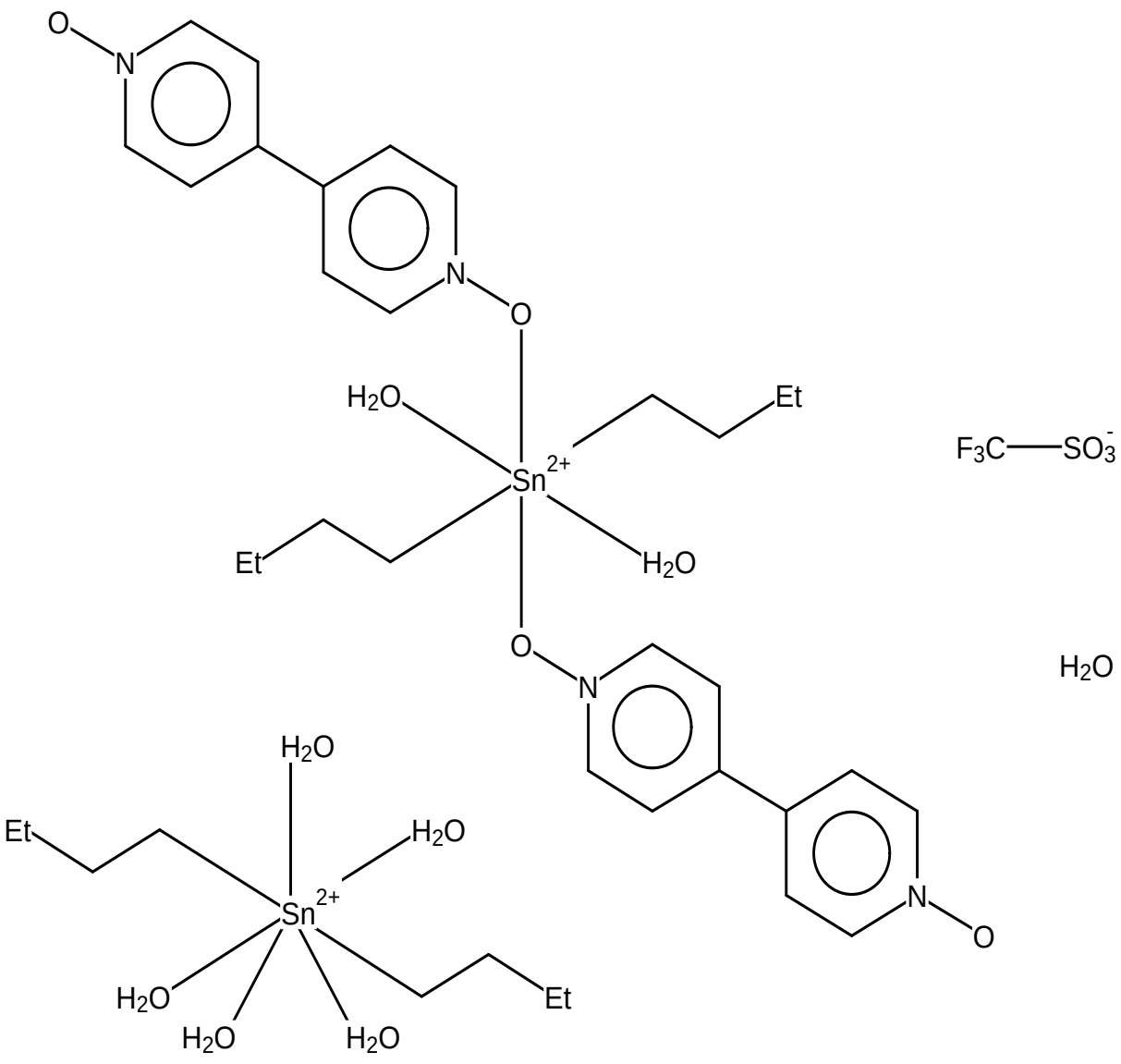
Reference: V.Chandrasekhar, P.Singh (2009) *Organometallics* ,**28,** 4974

Formula: $C_8 H_{28} O_5 Sn_1^{2+}$,$C_{28} H_{38} N_4 O_6 Sn_1^{2+}$,4($C_1 F_3 O_3 S_1^{1-}$),$H_2 O_1$

Compound Name: Pentaaqua-di-n-butyl-tin diaqua-di-n-butyl-bis(4,4'-bipyridine N,N'-dioxide) -tin tetrakis(trifluoromethanesulfonate) monohydrate

Space Group:	C2/c	***Cell:***	***a***	9.122(5)	***b*** 14.892(5)	***c***	45.691(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 92.84(0)	γ	90.00

R-Factor (%): 4.33 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.696



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2030

QUDCOI

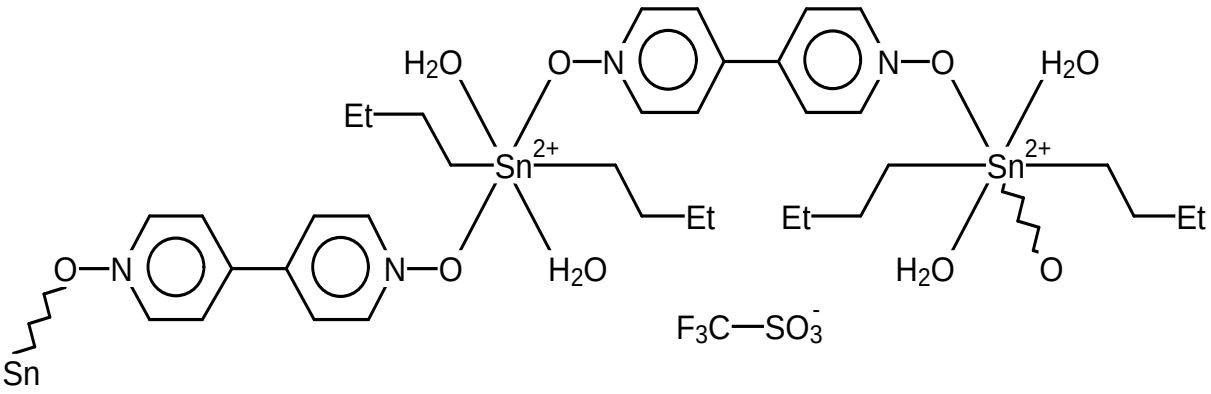
Reference: V.Chandrasekhar, P.Singh (2009) *Organometallics* ,**28,** 4974

Formula: $(C_{36}\ H_{60}\ N_4\ O_8\ Sn_2\ ^{4+})n,4n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine N,N'-dioxide)-tetraaqua-tetra-n-butyl-di-tin tetrakis(trifluoromethanesulfonate))

Space Group:	P-1	***Cell:***	***a***	9.814(5)	***b*** 10.619(5)	***c***	15.246(5)
Space Group No.:	2	***(Å,°)***	α	103.27(0)	β 95.28(0)	γ	98.80(0)

R-Factor (%): 4.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.656



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2031

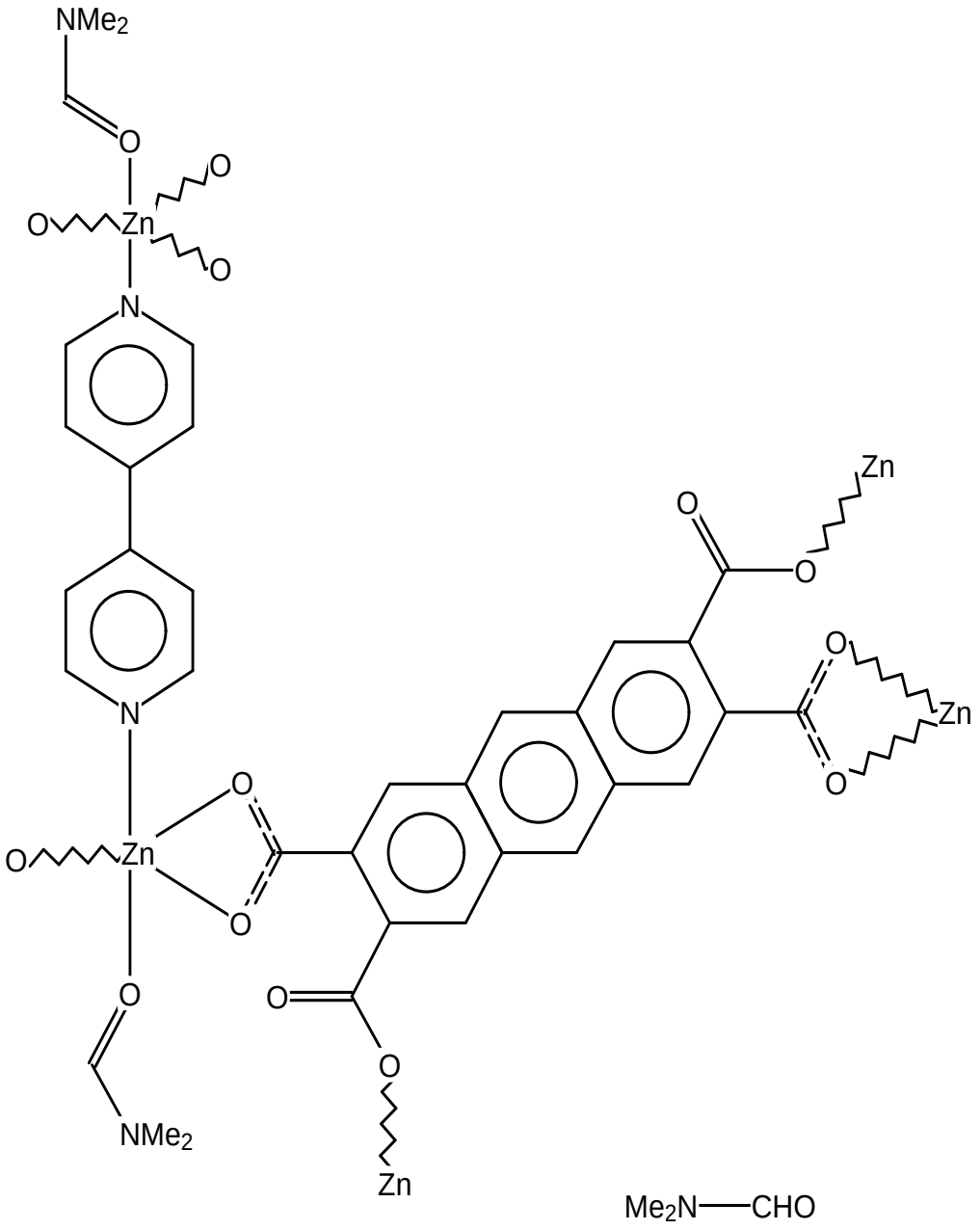
QUDJIJ

Reference: Ze Chang, Ai-Shun Zhang, Tong-Liang Hu, Xian-He Bu (2009) *Cryst.Growth Des.* ,**9,**4840

Formula: $(C_{34}\ H_{28}\ N_4\ O_{10}\ Zn_2)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[(μ_4-2,3,6,7-Anthracenetetracarboxylato)-(μ_2-4,4'-bipyridyl)-bis(dimethylformamide)-di-zinc(ii) dimethylformamide solvate]

Space Group:	P21/c	***Cell:***	***a***	9.869(2)	***b*** 19.785(4)	***c***	11.900(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 119.65(2)	γ	90.00
R-Factor (%):	5.58	***Temperature(K):***	293		***Density(g/cm^3):***		1.529



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2032

QUDJUV

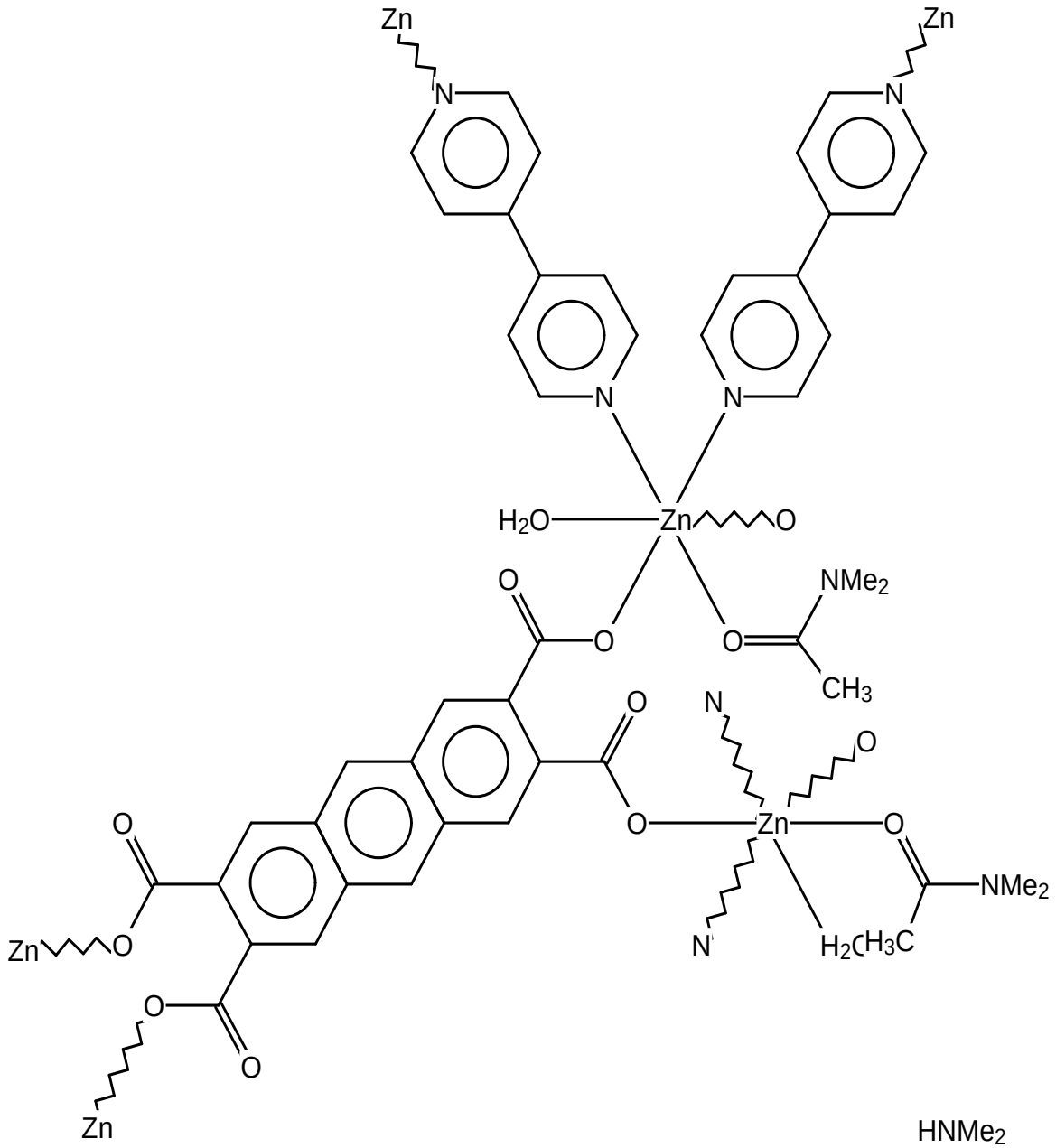
Reference: Ze Chang, Ai-Shun Zhang, Tong-Liang Hu, Xian-He Bu (2009) *Cryst.Growth Des.* ,**9,**4840

Formula: $(C_{46}\ H_{44}\ N_6\ O_{12}\ Zn_2)n,0.5n(C_2\ H_7\ N_1)$

Compound Name: catena-[(μ_4-2,3,6,7-Anthracenetetracarboxylato)-bis(μ_2-4,4'-bipyridyl)-diaqua-bis(dimethylacetamide)-di-zinc(ii) dimethylamine solvate]

Space Group:	C2/m	***Cell:***	***a***	14.705(3)	***b***	14.636(3)	***c***	11.656(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β	97.80(3)	γ	90.00

R-Factor (%): 7.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.371



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2033

QUDLEH

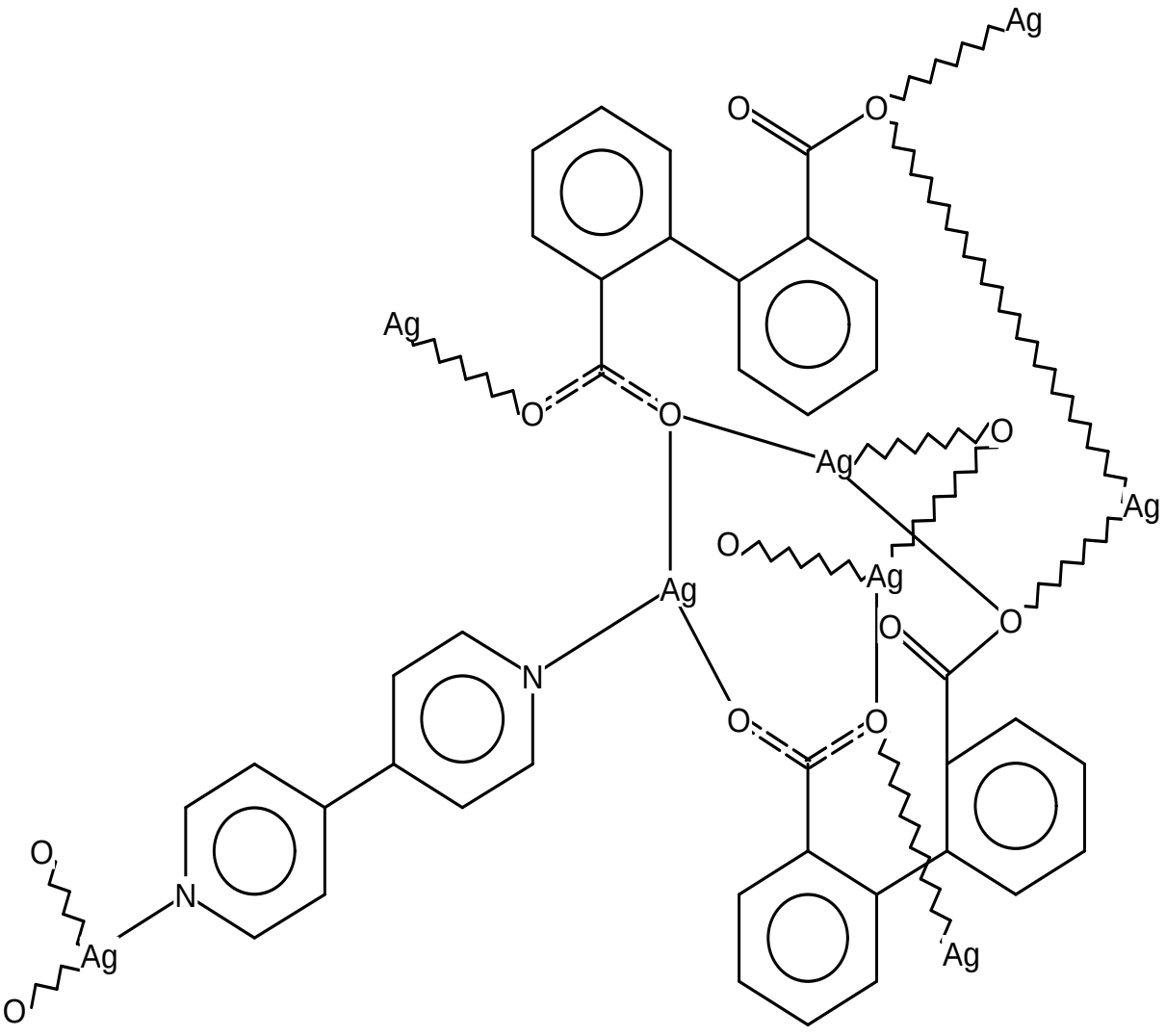
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des.* ,**9,**4884

Formula: $(C_{38}\ H_{24}\ Ag_4\ N_2\ O_8)n$

Compound Name: catena-[bis(μ_5-Biphenyl-2,2'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-tetra-silver(i)]

Space Group:	Pbca	***Cell:***	***a***	7.376(3)	***b***	18.396(7)	***c*** 24.237(8)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.157



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2034

QUDLIL

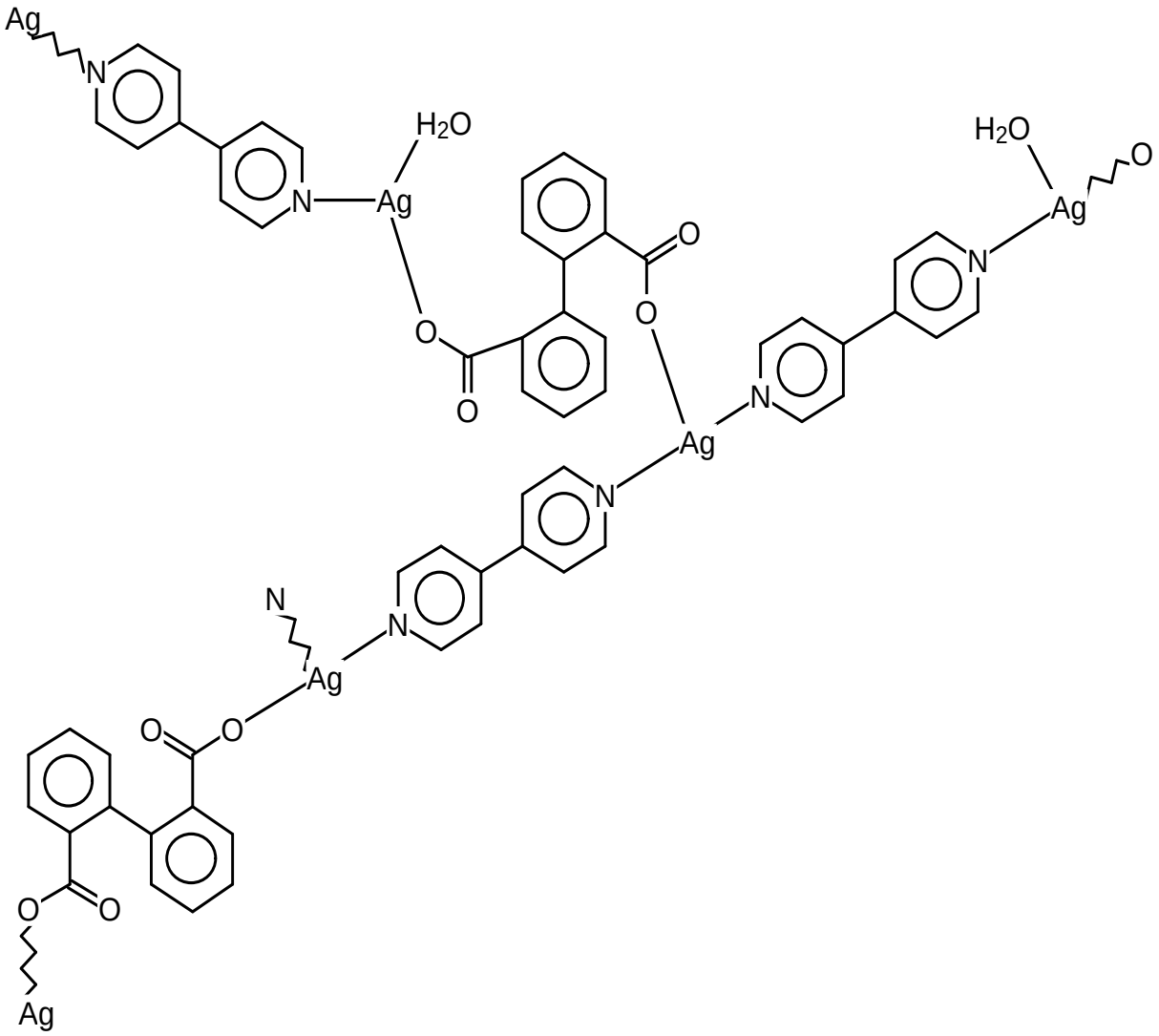
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des. ,***9,**4884

Formula: $(C_{58}\ H_{44}\ Ag_4\ N_6\ O_{10})n$

Compound Name: catena-[bis(μ_2-Biphenyl-2,2'-dicarboxylato)-tris(μ_2-4,4'-bipyridyl)-diaqua-tetra-silver(i)]

Space Group:	P21/n	***Cell:***	***a***	11.562(10)	***b*** 18.771(15)	***c***	11.794(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.39(1)	γ	90.00

R-Factor (%): 6.81 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.875



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2035

QUDLOR

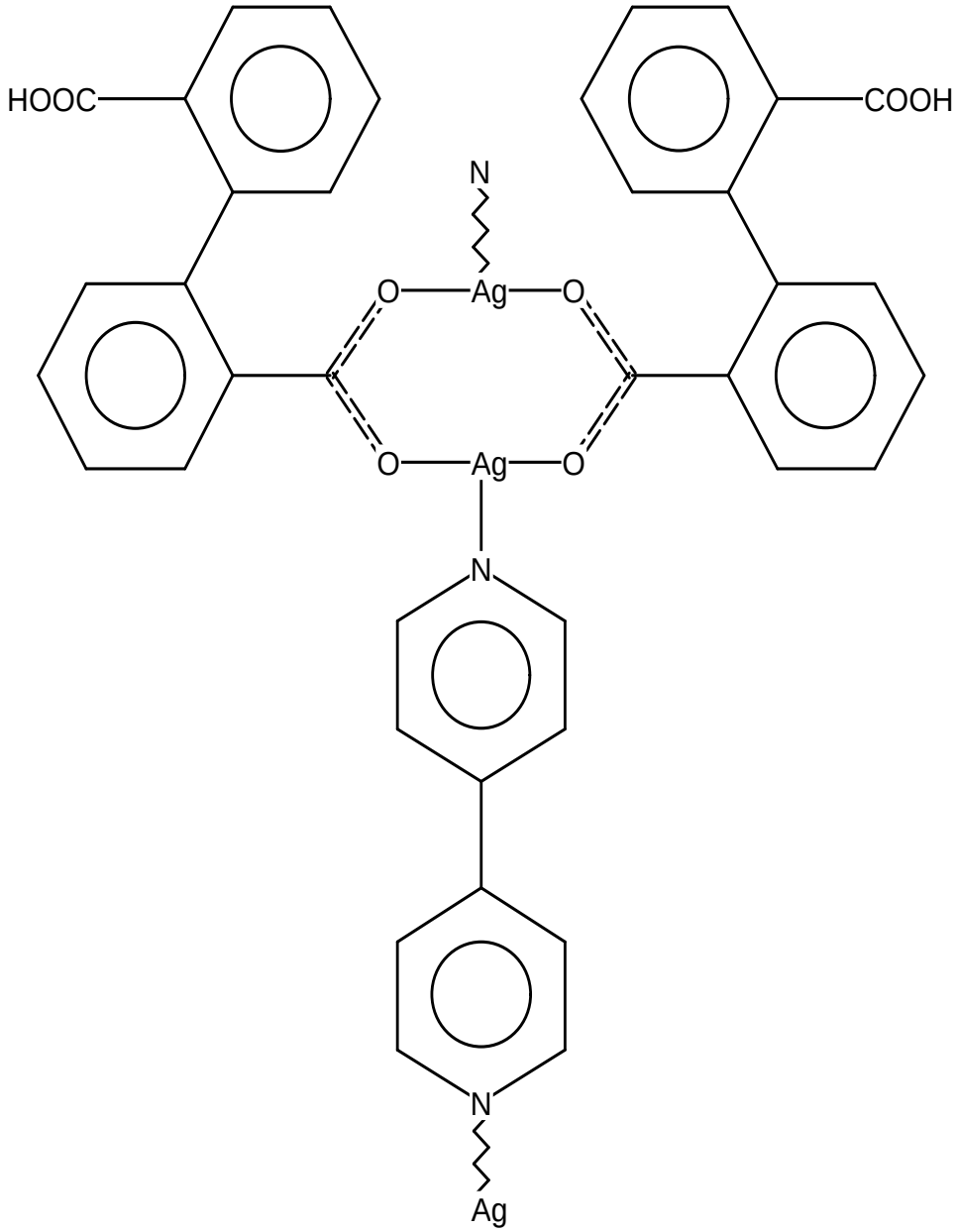
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des. ,***9,**4884

Formula: $(C_{38}\ H_{26}\ Ag_2\ N_2\ O_8)n$

Compound Name: catena-[bis(μ_2-Biphenyl-2-carboxylic acid-2'-carboxylato)-(μ_2-4,4'-bipyridyl)-di-silver(i)]

Space Group:	C2/c	***Cell:***	***a***	29.487(3)	***b***	14.847(1)	***c*** 7.518(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.64(0)	γ 90.00

R-Factor (%): 2.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.749



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2036

QUDLUX

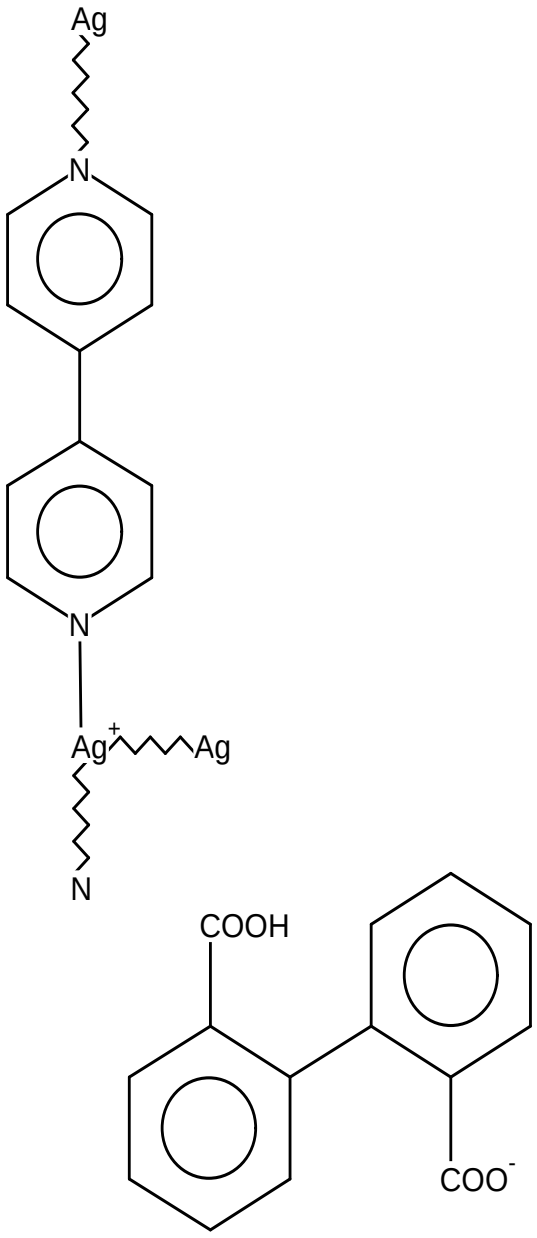
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des. ,***9,**4884

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_{14}\ H_9\ O_4\ ^{1-})$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-silver(i) biphenyl-2-carboxylic acid-2'-carboxylate]

Space Group:	P-1	***Cell:***	***a***	8.904(3)	***b***	9.342(3)	***c***	13.430(4)
Space Group No.:	2	***(Å,°)***	α	73.67(2)	β	84.83(2)	γ	77.49(3)

R-Factor (%): 4.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.604



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2037

QUDMAE

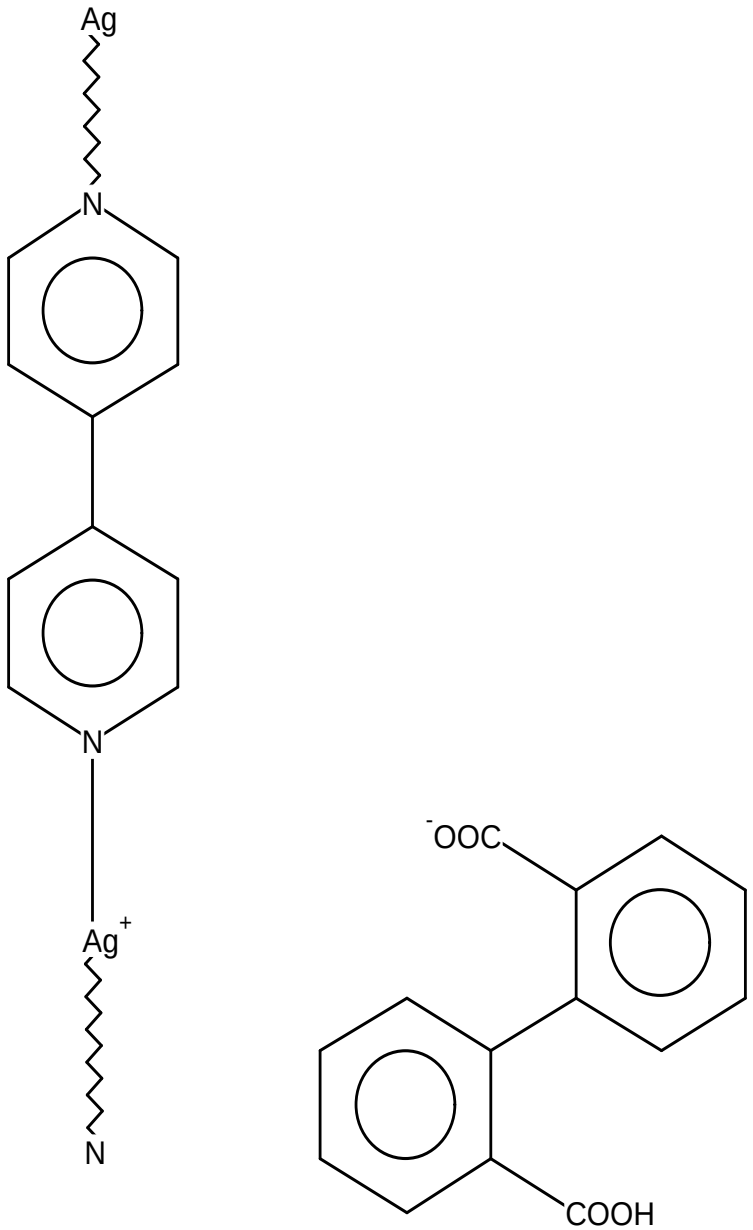
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des. ,***9,**4884

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_{14}\ H_9\ O_4\ ^{1-})$

Compound Name: catena-[(μ_2-4,4'-bipyridyl)-silver(i) biphenyl-2-carboxylic acid-2'-carboxylate]

Space Group:	P21/n	***Cell:***	***a***	10.589(2)	***b*** 11.409(3)	***c***	17.569(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.17(0)	γ	90.00

R-Factor (%): 3.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.606



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2038

QUDMEI

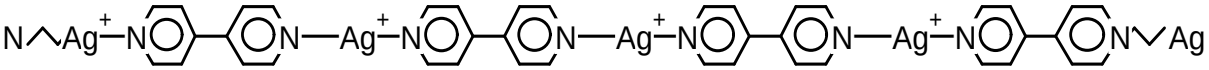
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des. ,***9,**4884

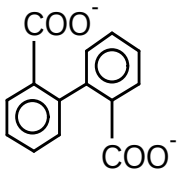
Formula: $(C_{40}\ H_{32}\ Ag_4\ N_8\ ^{4+})n,2n(C_{14}\ H_8\ O_4\ ^{2-}),9n(H_2\ O_1)$

Compound Name: catena-[tetrakis(μ_2-4,4'-Bipyridyl)-tetra-silver(i) 2,2'-bipyridinedicarboxylate nonahydrate]

Space Group:	C2/c	***Cell:***	***a***	21.783(11)	***b*** 20.047(10)	***c***	14.820(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.23(0)	γ	90.00

R-Factor (%): 5.55 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.778





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2039

QUDMIM

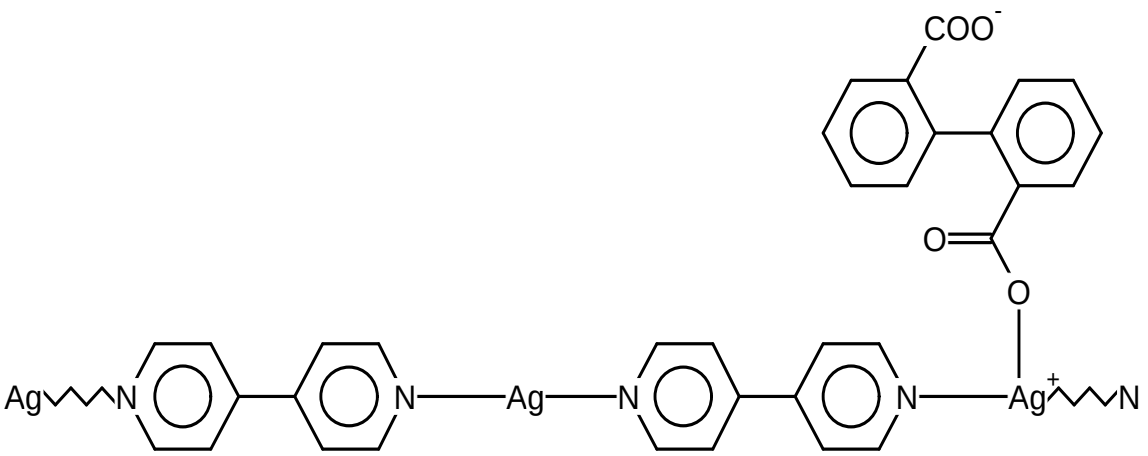
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian-Kai Cheng, Lei Zhang, Qi-Pu Lin, Yuan-Gen Yao (2009) *Cryst.Growth Des. ,***9,**4884

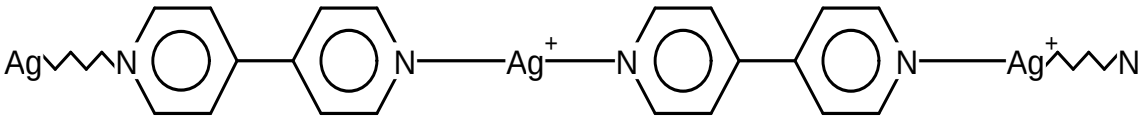
Formula: $(C_{34}\ H_{24}\ Ag_2\ N_4\ O_4)n,n(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+}),2n(N_1\ O_3\ ^{1-}),6n(H_2\ O_1)$

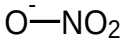
Compound Name: catena-[bis(μ_2-4,4'-bipyridyl)-(biphenyl-2,2'-dicarboxylato)-di-silver(i) bis(μ_2-4,4'-bipyridyl)-di-silver(i) dinitrate hexahydrate]

Space Group:	P21/c	***Cell:***	***a***	14.999(6)	***b*** 17.698(6)	***c***	23.385(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 114.45(1)	γ	90.00

R-Factor (%): 5.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.797









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2040

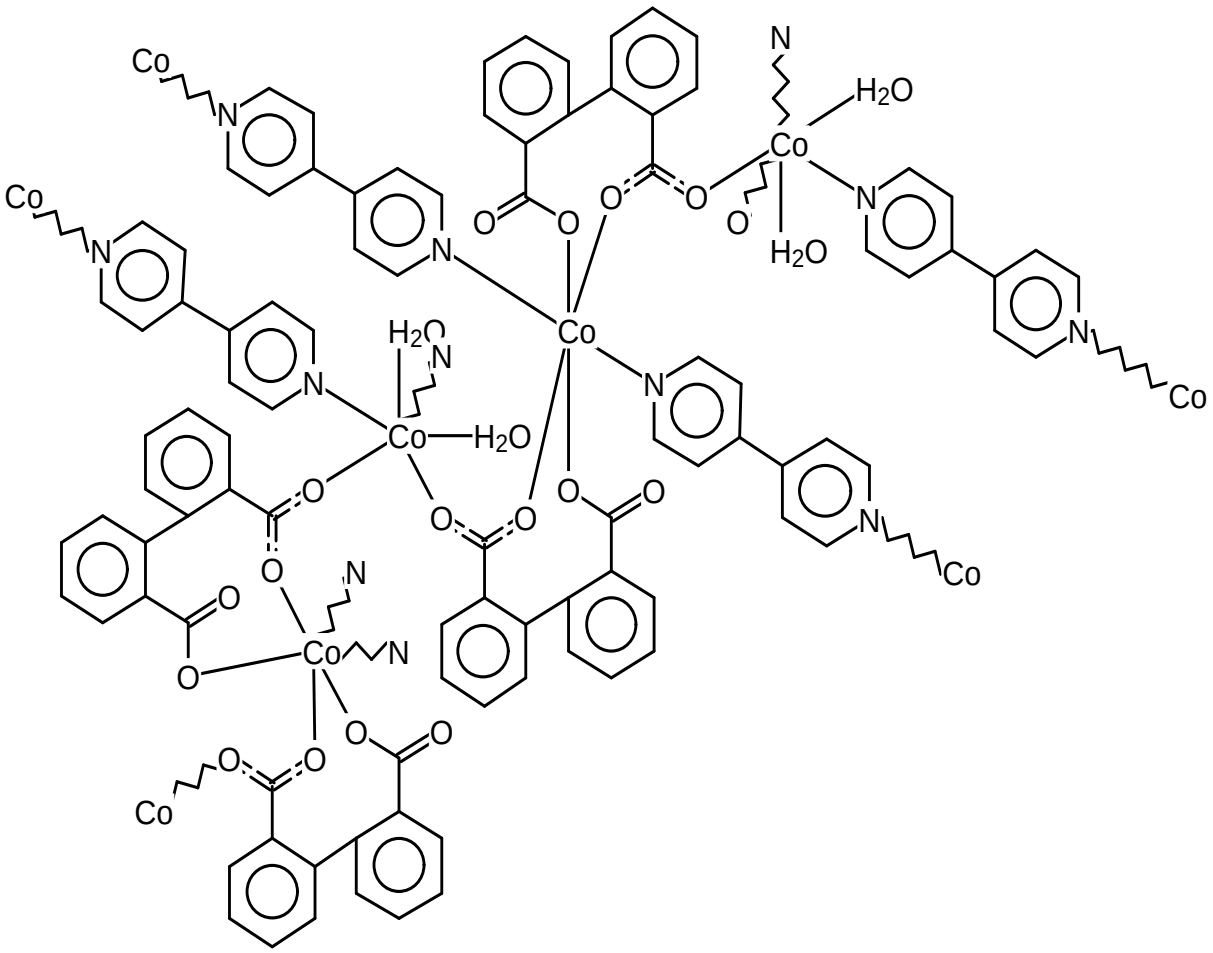
QUGXUM

Reference: Xinxin Xu, Xiaoxia Liu, Xia Zhang, Ting Sun (2009) *Inorg.Chim.Acta* ,**362,**5203

Formula: $(C_{96}\ H_{72}\ Co_4\ N_8\ O_{20})n$

Compound Name: catena-(tetrakis(μ_2-4,4'-bipyridine)-tetrakis(μ_2-biphenyl-2,2'-dicarboxylato)-tetraaqua-tetra-cobalt(ii))

Space Group:	C2	***Cell:***	***a***	22.540(5)	***b*** 11.301(2)	***c***	18.824(4)
Space Group No.:	5	***(Å,°)***	α	90.00	β 119.84(3)	γ	90.00
R-Factor (%):	3.23	***Temperature(K):***	293		***Density(g/cm^3):***		1.512


Co
N
H2O
O
Co
Co
N
H2O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2041

QUHHEH

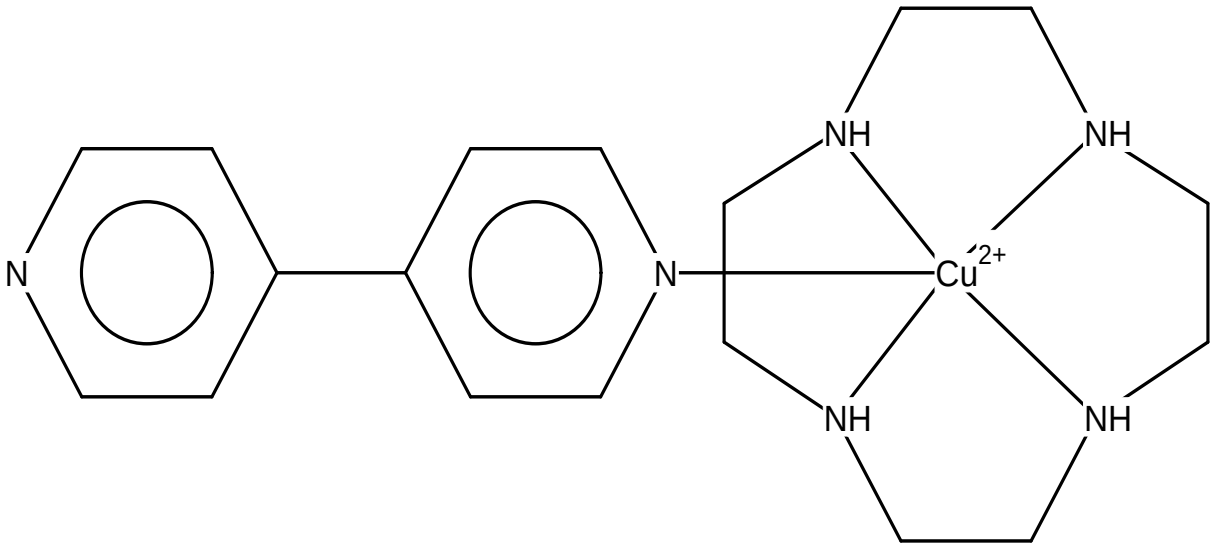
Reference: S.S.Massoud, E.Druel, M.Dufort, R.Lalancette, J.Kitchen, J.Grebowicz, R.Vicente, U.Mukhopadhyay, I.Bernal, F.A.Mautner (2009) *Polyhedron* ,**28,**3849

Formula: $C_{18}\,H_{28}\,Cu_1\,N_6\,^{2+}$,2($Cl_1\,O_4\,^{1-}$)

Compound Name: (4,4'-Bipyridine)-(1,4,7,10-tetraazacyclododecane)-copper(ii) diperchlorate

Space Group:	C2/c	***Cell:***	***a***	14.956(0)	***b***	13.608(0)	***c***	12.055(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	91.92(0)	γ	90.00

R-Factor (%): 3.23 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.601



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2042

QUHHIL

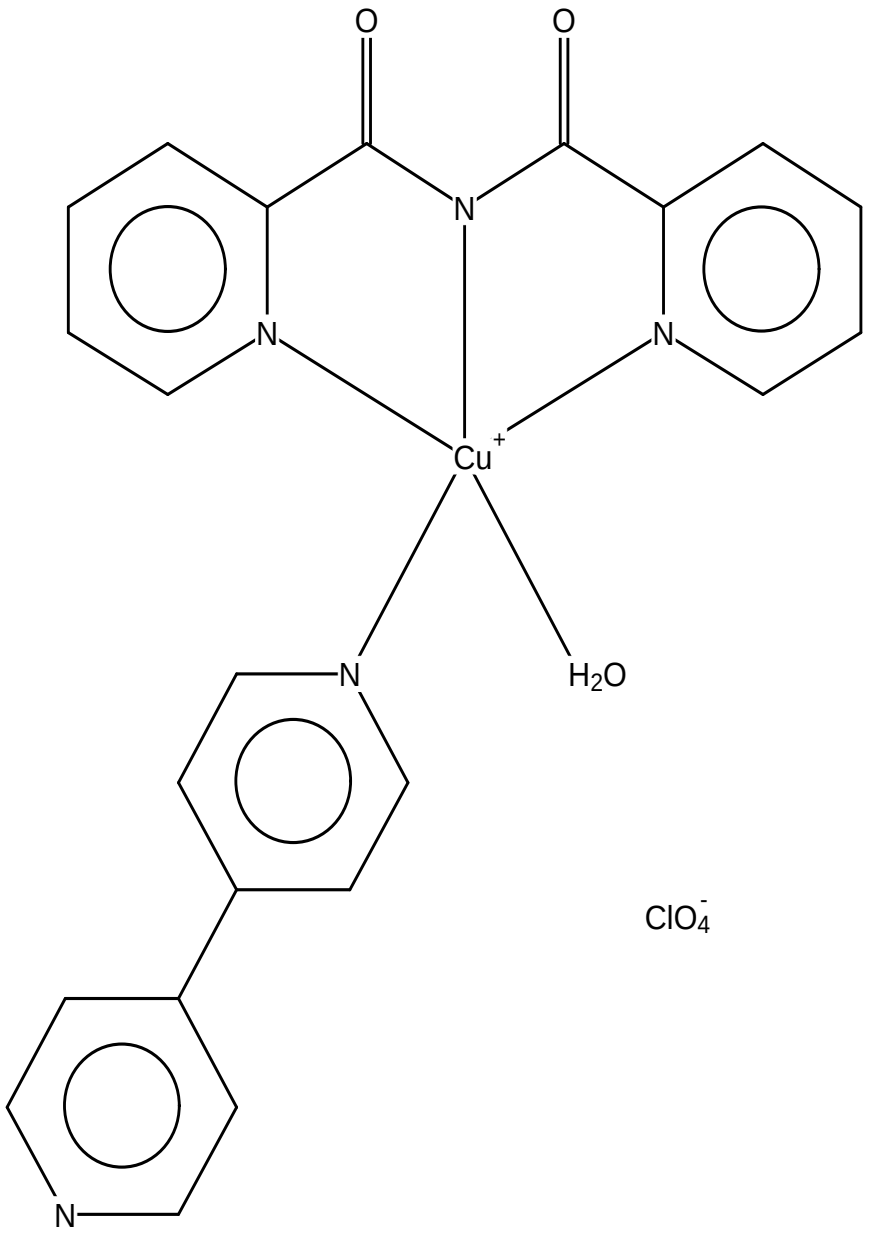
Reference: S.S.Massoud, E.Druel, M.Dufort, R.Lalancette, J.Kitchen, J.Grebowicz, R.Vicente, U.Mukhopadhyay, I.Bernal, F.A.Mautner (2009) *Polyhedron* ,**28,**3849

Formula: $C_{22}\ H_{18}\ Cu_1\ N_5\ O_3\ ^{1+},Cl_1\ O_4\ ^{1-}$

Compound Name: Aqua-(4,4'-bipyridine)-(bis((pyridin-2-yl)carbonyl)amido)-copper perchlorate

Space Group:	P-1	***Cell:***	***a***	7.483(0)	***b***	9.964(0)	***c*** 16.279(0)
Space Group No.:	2	***(Å,°)***	α	102.88(0)	β	102.39(0)	γ 99.26(0)

R-Factor (%): 4.33 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.660



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2043

QUHHOR

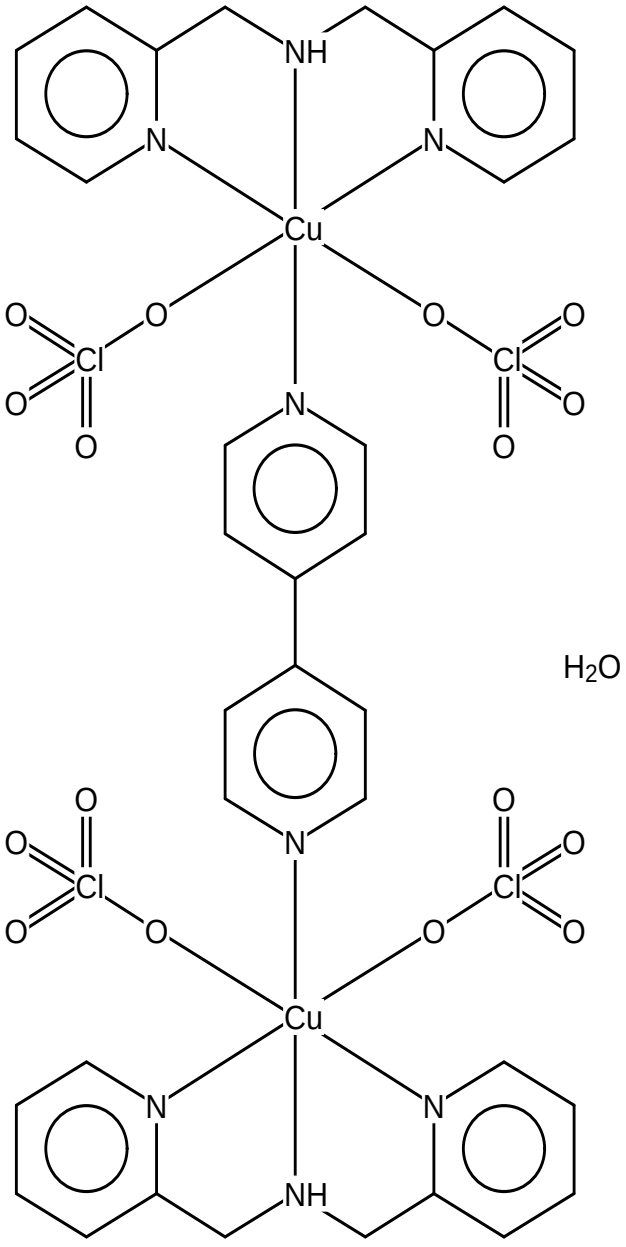
Reference: S.S.Massoud, E.Druel, M.Dufort, R.Lalancette, J.Kitchen, J.Grebowicz, R.Vicente, U.Mukhopadhyay, I.Bernal, F.A.Mautner (2009) *Polyhedron* ,**28,**3849

Formula: $C_{34}\ H_{34}\ Cl_4\ Cu_2\ N_8\ O_{16},H_2\ O_1$

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(perchlorato)-bis(bis((pyridin-2-yl)methyl) amine)-di-copper monohydrate

Space Group:	P-1	***Cell:***	***a***	8.511(0)	***b*** 15.433(0)	***c***	16.968(0)
Space Group No.:	2	***(Å,°)***	α	71.41(0)	β 82.83(0)	γ	88.66(0)

R-Factor (%): 5.21 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.739



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2044

QUHJEJ

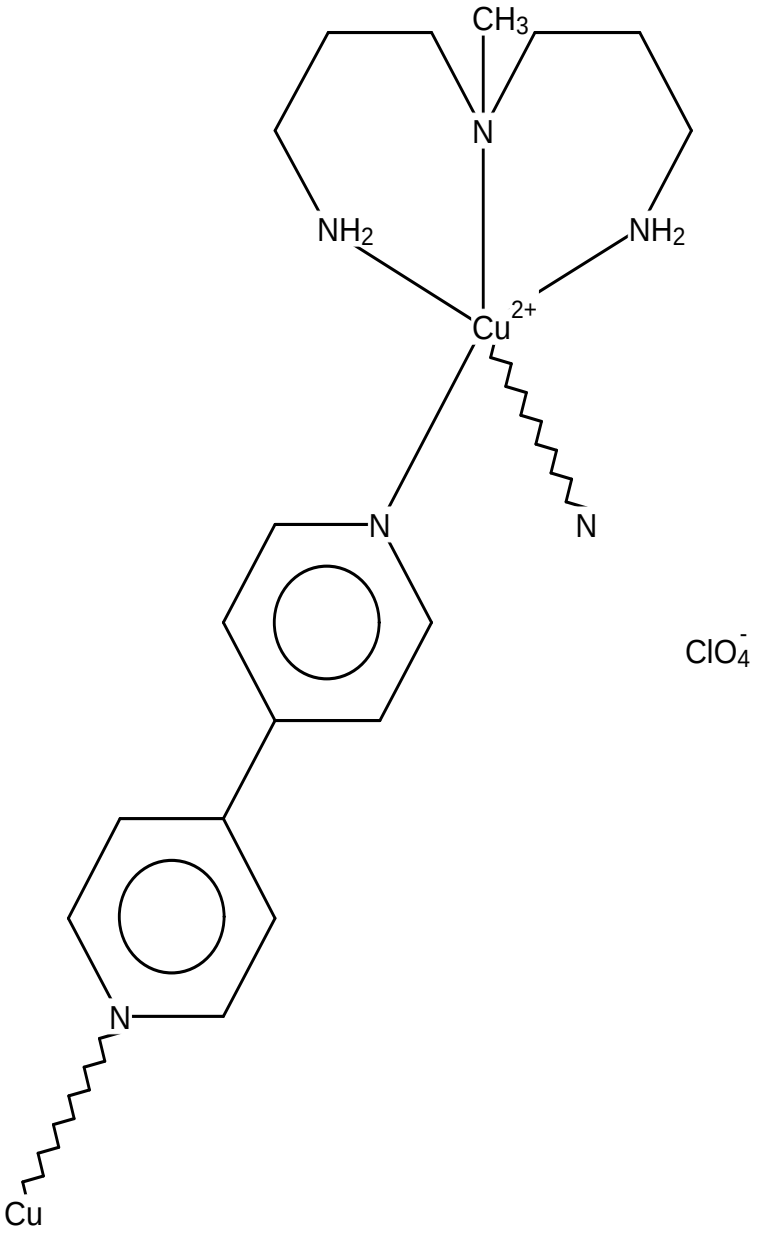
Reference: S.S.Massoud, E.Druel, M.Dufort, R.Lalancette, J.Kitchen, J.Grebowicz, R.Vicente, U.Mukhopadhyay, I.Bernal, F.A.Mautner (2009) *Polyhedron* ,**28,**3849

Formula: $(C_{17}\ H_{27}\ Cu_1\ N_5\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-(N,N-bis(3-aminopropyl)-N-methylamine)-copper diperchlorate)

Space Group:	P21/n	***Cell:***	***a***	9.676(0)	***b***	17.441(0)	***c*** 13.324(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.35(0)	γ 90.00

R-Factor (%): 2.80 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.666



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2045

QUHMAI

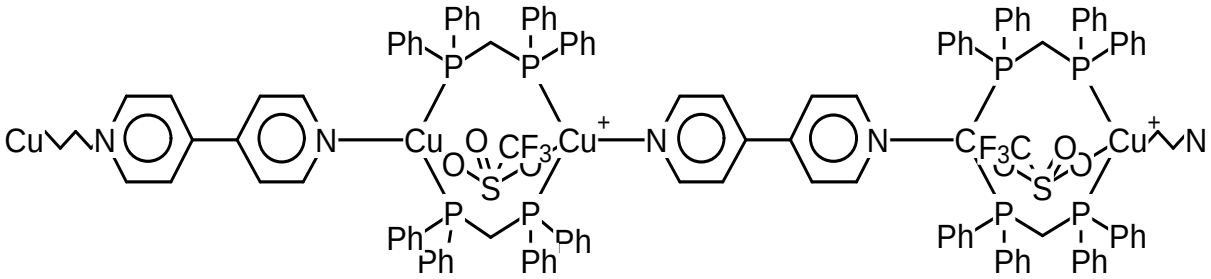
Reference: Qiong-Hua Jin, Li-Min Chen, Pei-Zhou Li, Shuang-Feng Deng, Rong Wang (2009) *Inorg.Chim.Acta* ,**362,**5224

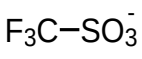
Formula: $(C_{122}\ H_{104}\ Cu_4\ F_6\ N_4\ O_6\ P_8\ S_2\ ^{2+})n,2n(C_1\ F_3\ O_3\ S_1\ ^{1-}),2n(C_1\ H_4\ O_1),n(C_{10}\ H_8\ N_2)$

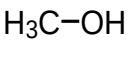
Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-tetrakis(μ_2-bis(diphenylphosphino) methane)-bis(μ_2-trifluoromethanesulfonato)-tetra-copper(i) bis(trifluoromethanesulfonate) 4,4'-bipyridine methanol solvate)

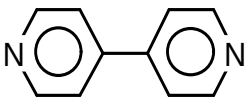
Space Group:	C2/c	***Cell:***	***a***	52.832(4)	***b*** 14.863(1)	***c***	18.092(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.36(0)	γ	90.00

R-Factor (%): 8.41 ***Temperature(K):*** 93 ***Density(g/cm^3):*** 1.404









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2046

QUJWUO

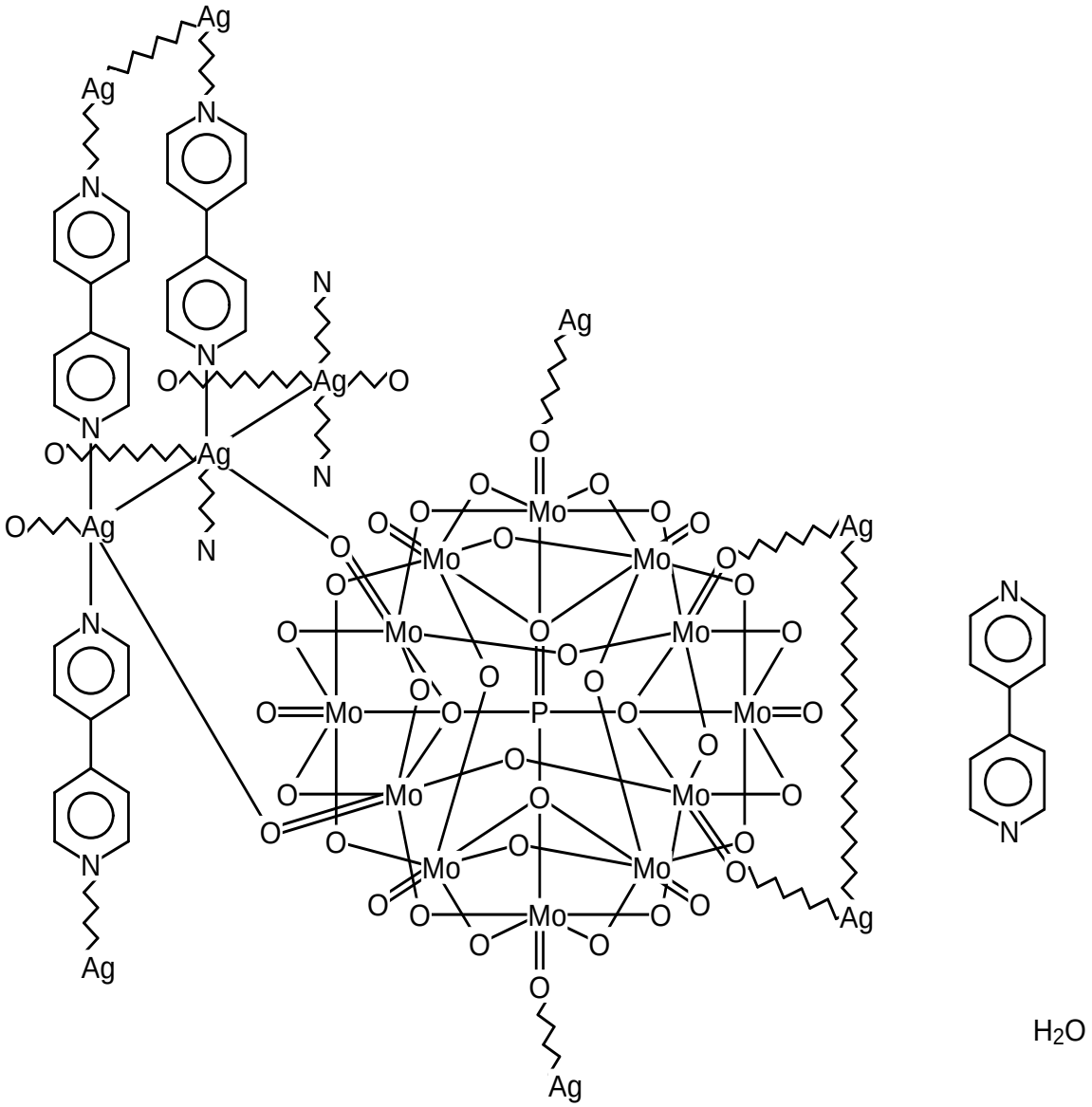
Reference: Xiao-Lan Wang, En-Bo Wang, Xin-Xin Xu, Yang-Guang Li (2008) *Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition))* , **29,**1937

Formula: $(C_{30}\ H_{24}\ Ag_3\ Mo_{12}\ N_6\ O_{40}\ P_1)n,n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-[(μ_{12}-Phosphato)-tris(μ_2-4,4'-bipyridine-N,N')-triacontakis(μ_2-oxo)-hexa-oxo-dodeca-molybdenum(vi)-tri-silver(i) 4,4'-bipyridine solvate monohydrate]

Space Group:	P-1	***Cell:***	***a*** 11.275(2)	***b*** 11.910(2)	***c*** 12.898(3)
Space Group No.:	2	***(Å,°)***	α 112.63(3)	β 94.63(3)	γ 99.53(3)

R-Factor (%): 9.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.975



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2047

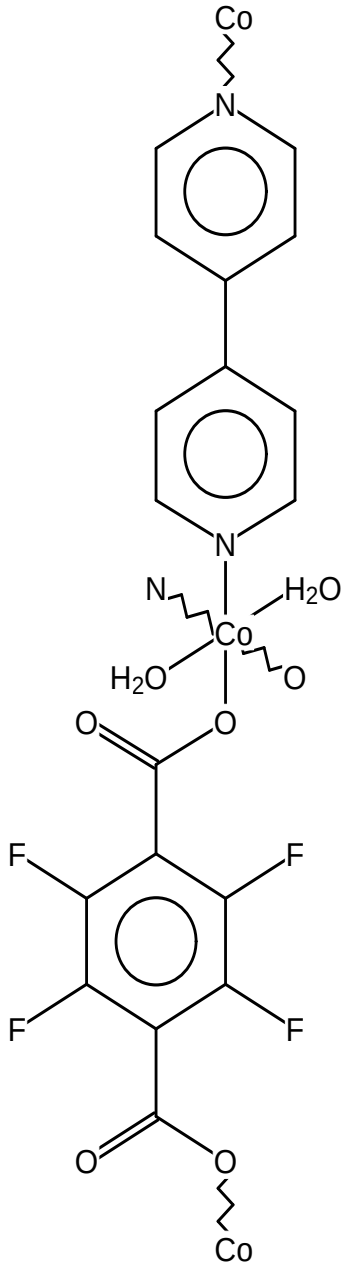
QUKQET

Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{18}\ H_{12}\ Co_1\ F_4\ N_2\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-(μ_2-tetrafluoroterephthalato-O,O')-diaqua-cobalt)

Space Group:	C2/c	***Cell:***	***a*** 11.632(3)	***b*** 11.421(3)	***c*** 14.269(4)
Space Group No.:	15	***(Å,°)***	α 90.00	β 109.66(0)	γ 90.00
R-Factor (%):	6.78	***Temperature(K):***	293	***Density(g/cm^3):***	1.813



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2048

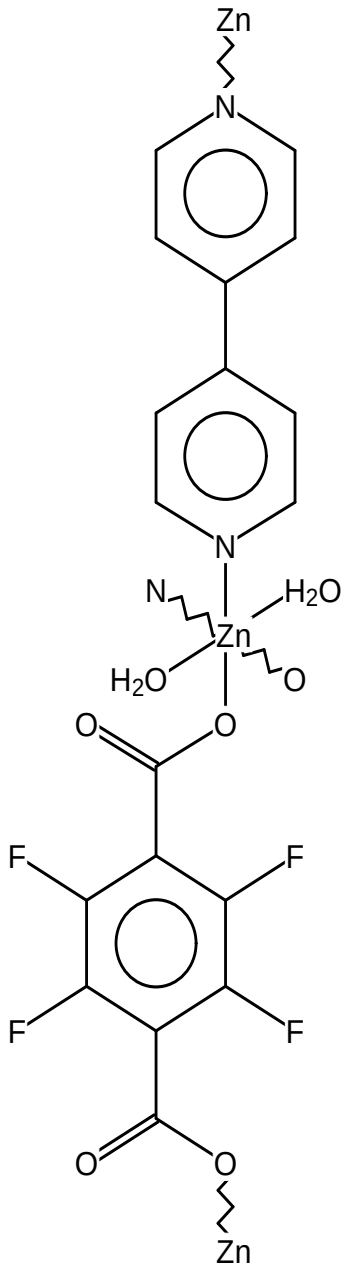
QUKQIX

Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{18}\ H_{12}\ F_4\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-(μ_2-tetrafluoroterephthalato-O,O')-diaqua-zinc)

Space Group:	C2/c	***Cell:***	***a*** 11.632(5)	***b*** 11.374(5)	***c*** 14.303(7)
Space Group No.:	15	***(Å,°)***	α 90.00	β 109.98(0)	γ 90.00
R-Factor (%):	7.80	***Temperature(K):***	293	***Density(g/cm^3):***	1.844



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2049

QUKQOD

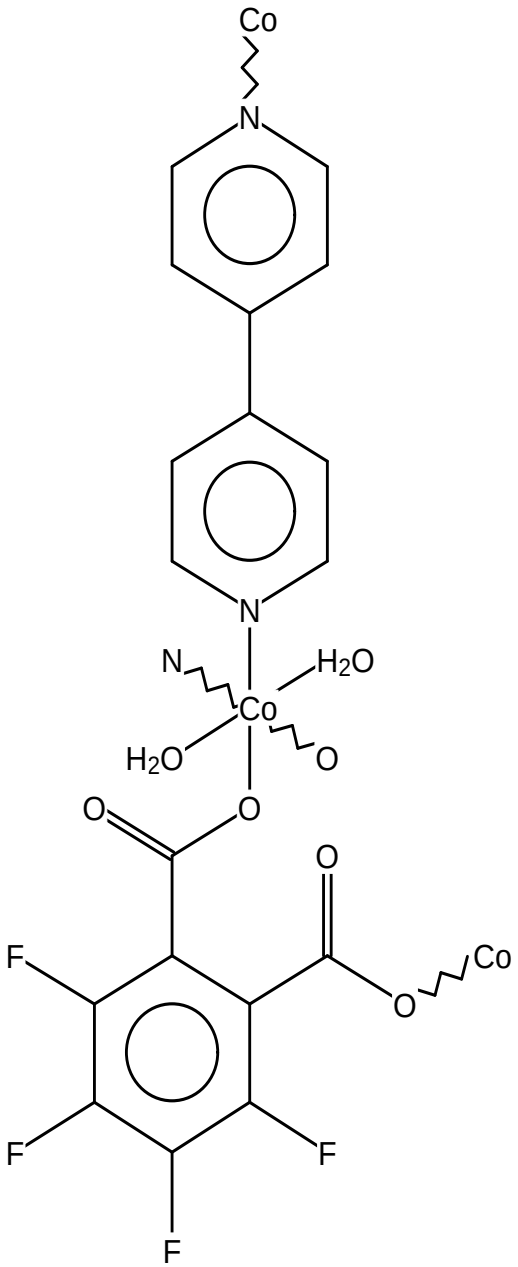
Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{18}\ H_{12}\ Co_1\ F_4\ N_2\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-$(\mu_2$-tetrafluorophthalato-O,O')-diaqua-cobalt)

Space Group:	Pccn	***Cell:***	***a***	7.499(0)	***b***	10.654(0)	***c***	22.912(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.768



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2050

QUKQUJ

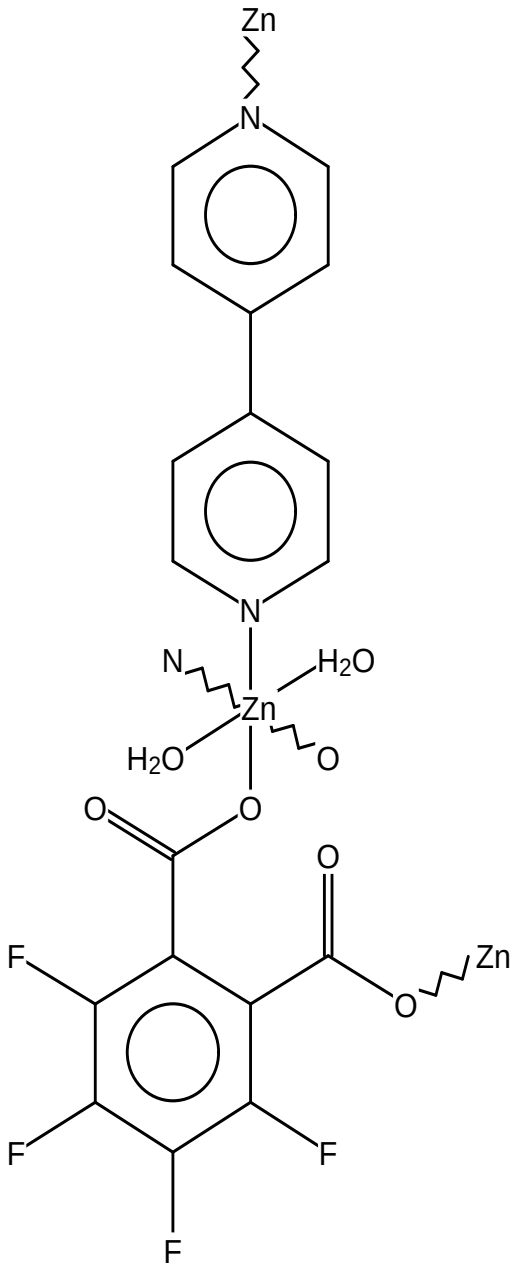
Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{18}\ H_{12}\ F_4\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-tetrafluorophthalato-O,O')-diaqua-zinc)

Space Group:	Pccn	***Cell:***	***a***	7.575(7)	***b***	10.760(11)	***c***	23.042(17)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.72	***Temperature(K):***	293	***Density(g/cm^3):***	1.746



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2051

QUKRAQ

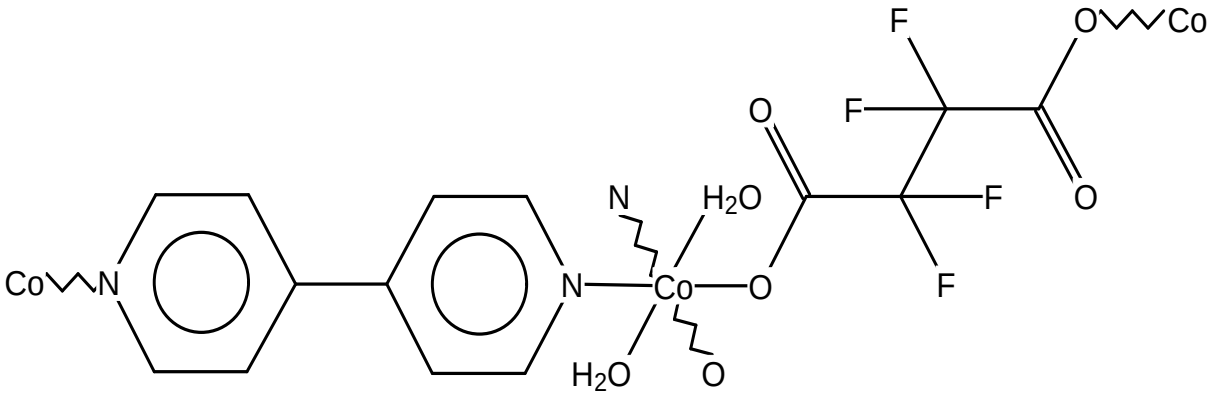
Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{14}\ H_{12}\ Co_1\ F_4\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-tetrafluorosuccinato-O,O')-diaqua-cobalt)

Space Group:	C2/c	***Cell:***	***a***	11.672(1)	***b***	19.364(2)	***c*** 6.985(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.33(0)	γ 90.00

R-Factor (%): 5.13 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.848



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2052

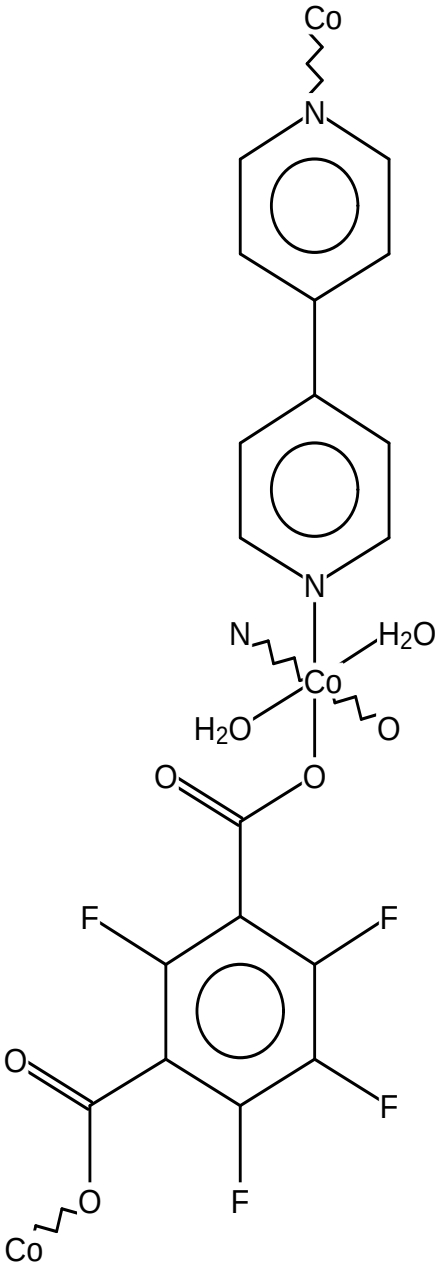
QUKREU

Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{18}\ H_{12}\ Co_1\ F_4\ N_2\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-(μ_2-tetrafluoroisophthalato-O,O')-diaqua-cobalt)

Space Group:	C2/c	***Cell:***	***a*** 15.871(5)	***b*** 16.217(5)	***c*** 7.168(2)
Space Group No.:	15	***(Å,°)***	α 90.00	β 100.91(0)	γ 90.00
R-Factor (%):	7.71	***Temperature(K):***	293	***Density(g/cm^3):***	1.786



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2053

QUKRIY

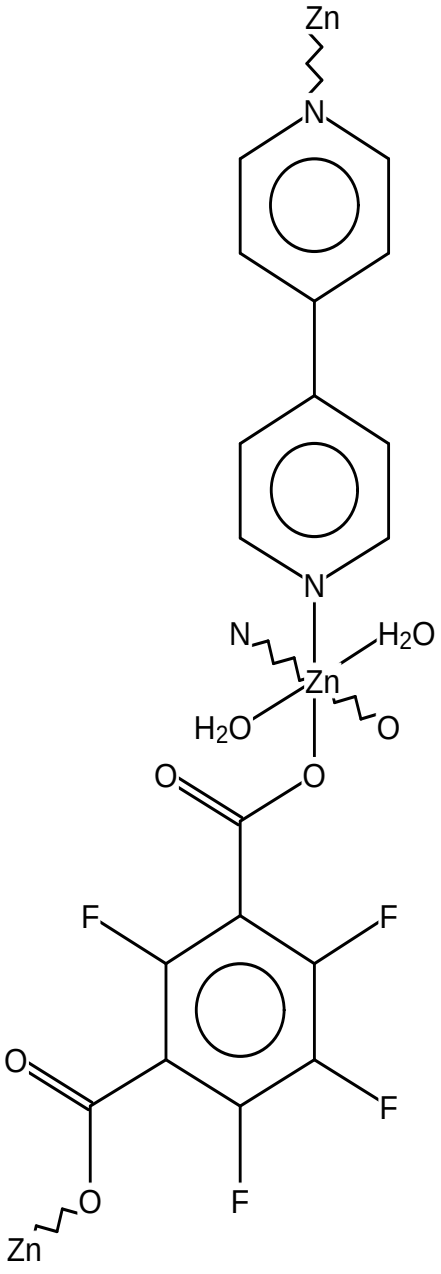
Reference: Z.Hulvey, E.Ayala, A.K.Cheetham (2009)
Z.Anorg.Allg.Chem. ,**635,**1753

Formula: $(C_{18}\ H_{12}\ F_4\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-tetrafluoroisophthalato-O,O')-diaqua-zinc)

Space Group:	C2/c	***Cell:***	***a***	15.941(2)	***b*** 16.076(2)	***c***	7.211(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.17(0)	γ	90.00

R-Factor (%): 6.41 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.809



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2054

QUKYUQ

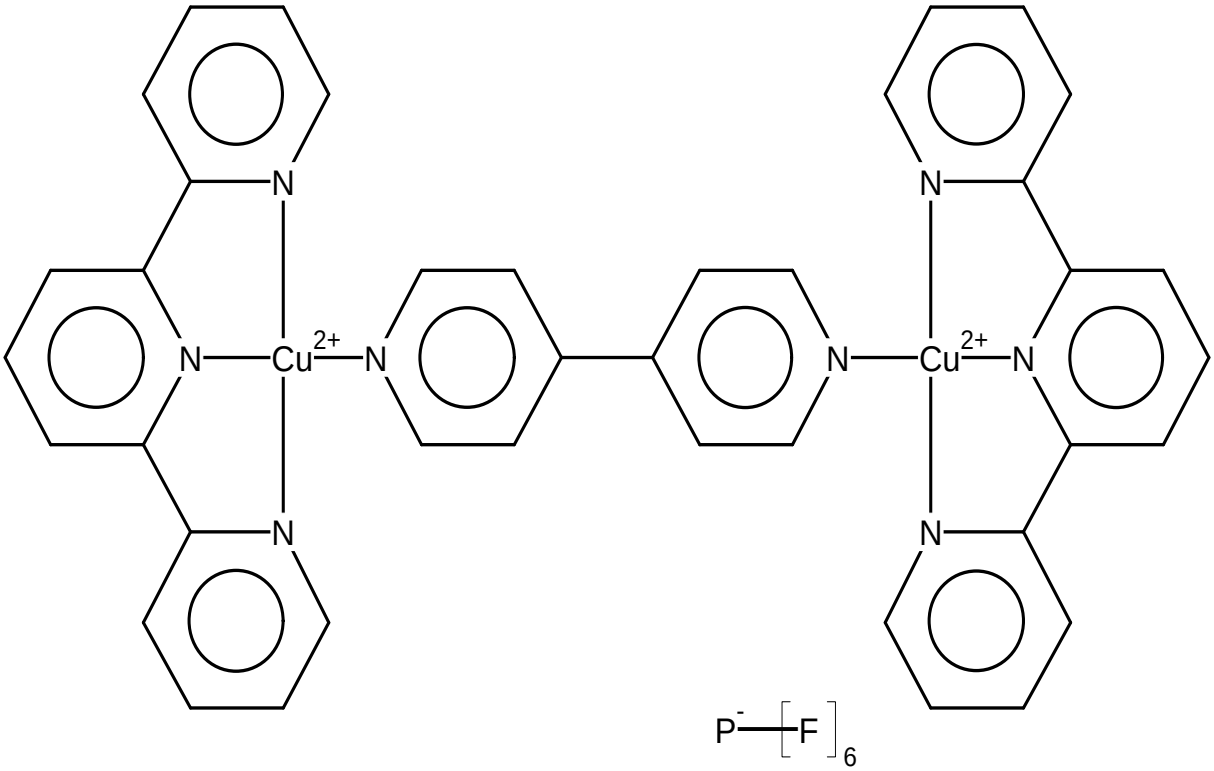
Reference: J.L.Mesa (2001) *Private Communication ,*

Formula: $C_{40}\ H_{30}\ Cu_2\ N_8\ ^{4+}$,4($F_6\ P_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridy)-bis((2,2':6',2''-terpyridyl)-copper) tetrakis(hexafluorophosphate)

Space Group:	P-1	***Cell:***	***a***	9.100(10)	***b***	9.384(10)	***c***	14.267(10)
Space Group No.:	2	***(Å,°)***	α	93.89(10)	β	101.12(10)	γ	94.41(10)

R-Factor (%):	7.33	***Temperature(K):***	293	***Density(g/cm^3):***	1.859



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2055

QULKIS

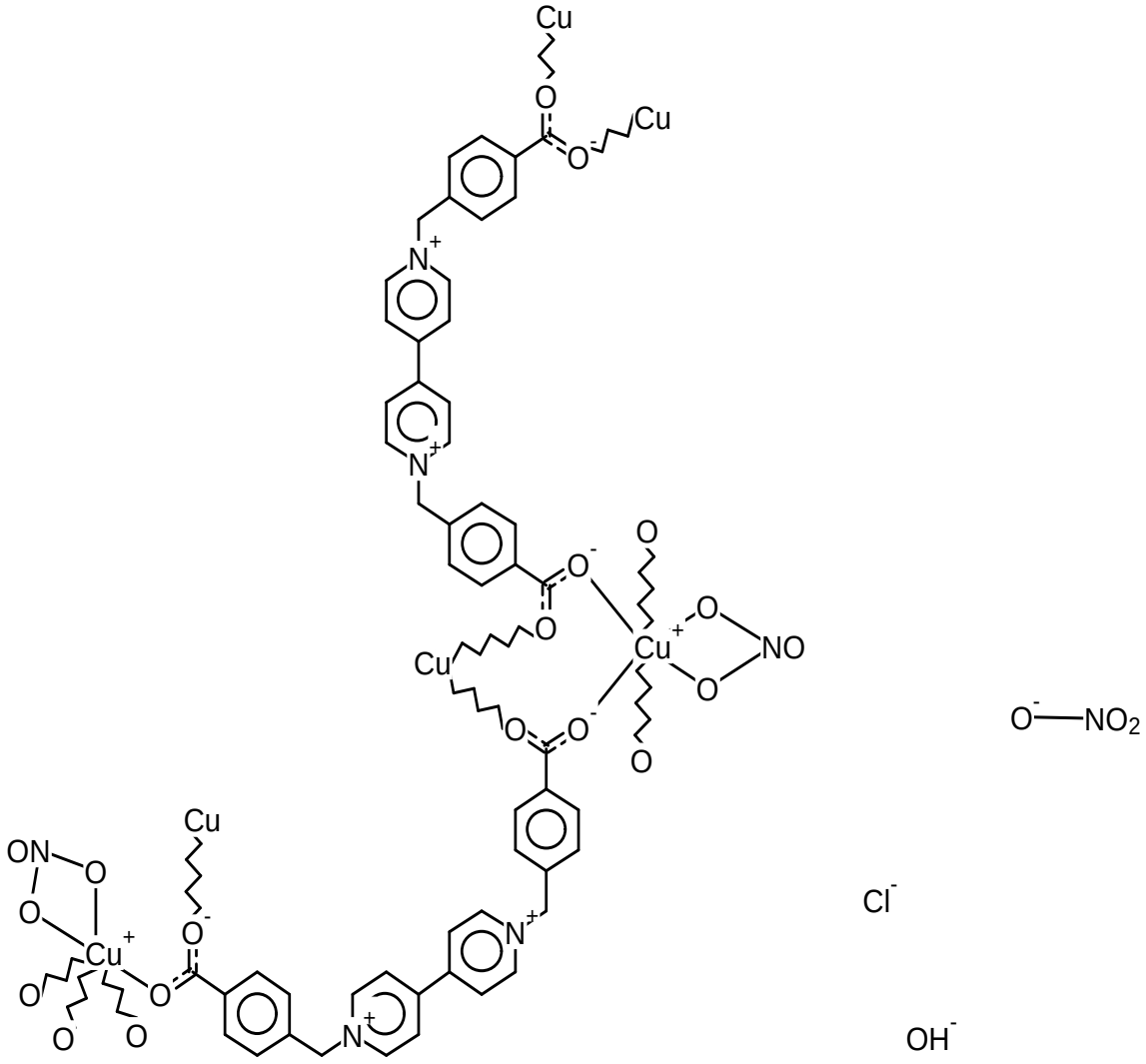
Reference: Hai-Xia Zhang, Qing-Xia Yao, Xu-Hui Jin, Zhan-Feng Ju, Jie Zhang (2009) *CrystEngComm* ,**11,**1807

Formula: $(C_{52}\ H_{40}\ Cu_2\ N_6\ O_{14}\ ^{2+})n,8n(H_2\ O_1),0.5n(Cl_1\ ^{1-}),0.5n(H_1\ O_1\ ^{1-}),n(N_1\ O_3\ ^{1-})$

Compound Name: catena-[bis(μ_4-1,1'-bis(4-carboxylatobenzyl)-4,4'-bipyridinium)-dinitrato-di-copper(ii) hemikis(chloride) hemikis(hydoxide) nitrate octahydrate]

Space Group:	I-42d	***Cell:***	***a***	13.335(2)	***b***	13.335(2)	***c***	31.626(8)
Space Group No.:	122	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.574



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2056

QULXEB

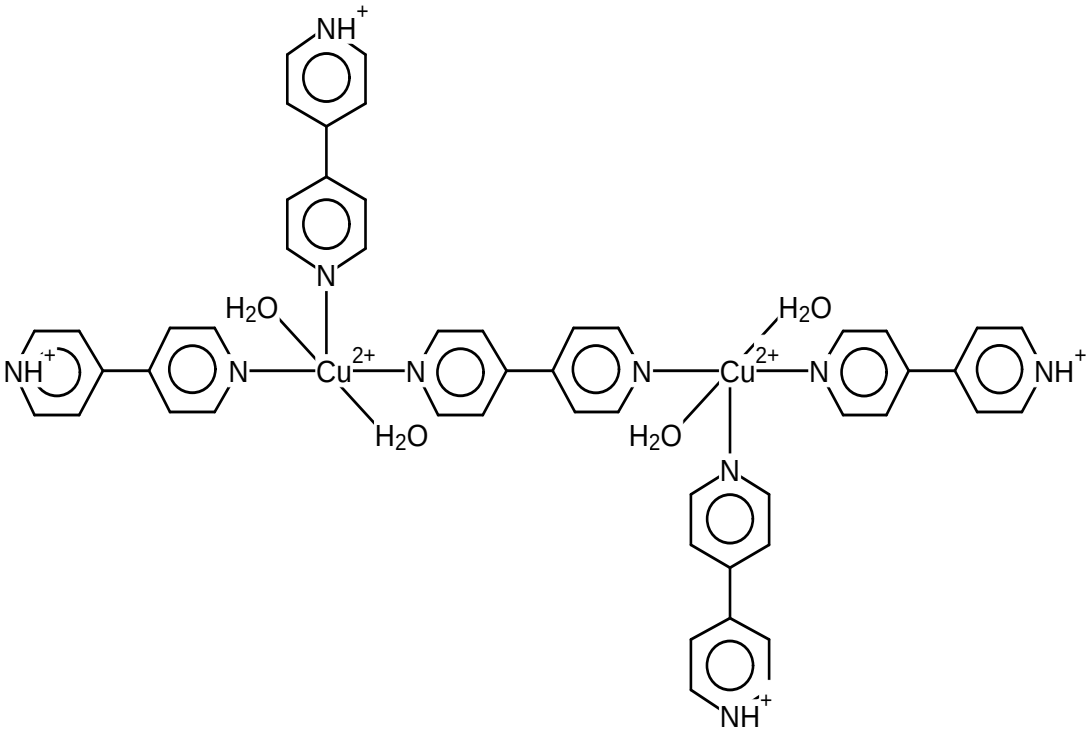
Reference: Fan Yu, Xiang-Jian Kong, Yun-Yun Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2009) *Dalton Trans.* ,9503

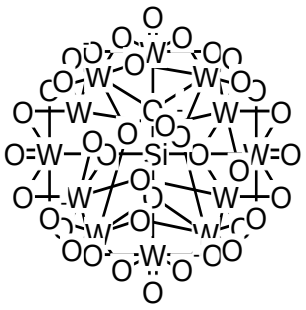
Formula: $C_{50}\ H_{52}\ Cu_2\ N_{10}\ O_4\ ^{8+}$,2($O_{40}\ Si_1\ W_{12}\ ^{4-}$),4($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(4,4'-bipyridin-1-ium)-tetraaqua-di-copper(ii) bis((μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	13.129(2)	***b***	13.145(2)	***c***	17.791(3)
Space Group No.:	2	***(Å,°)***	α	83.98(0)	β	73.09(0)	γ	82.91(0)

R-Factor (%): 7.59 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 3.886





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2057

QULXIF

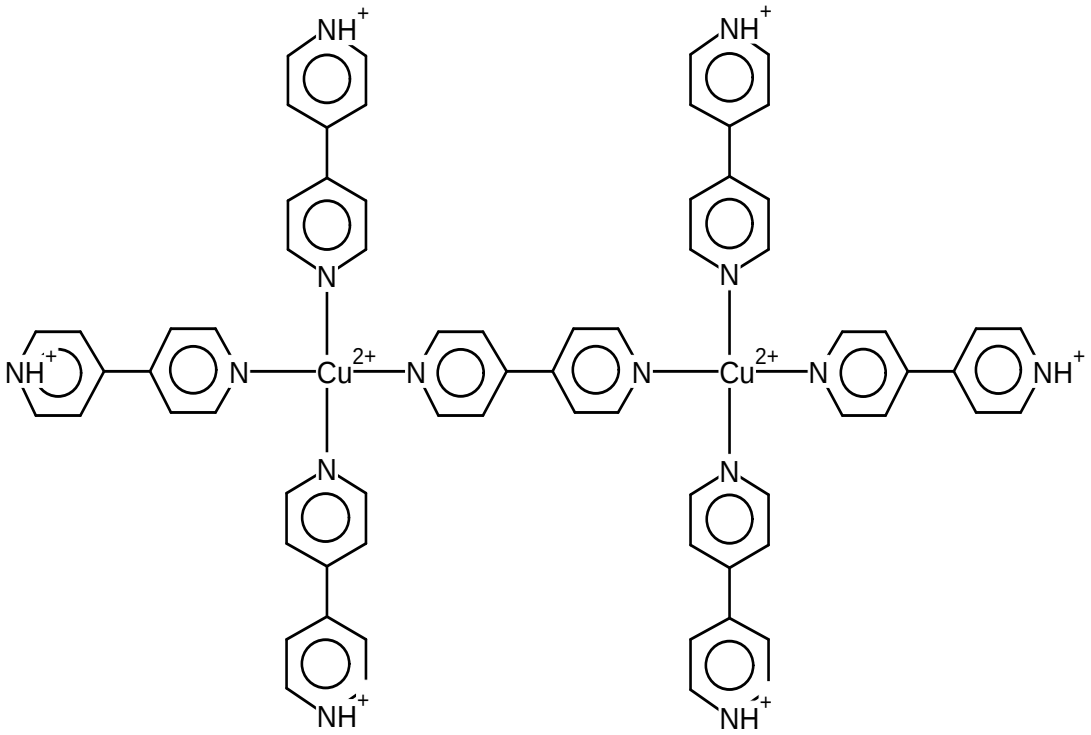
Reference: Fan Yu, Xiang-Jian Kong, Yun-Yun Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2009) *Dalton Trans.* ,9503

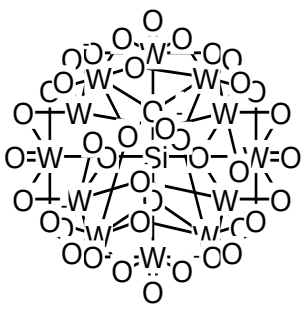
Formula: $C_{70}\ H_{62}\ Cu_2\ N_{14}\ ^{10+}$,3($O_{40}\ Si_1\ W_{12}\ ^{4-}$),7($H_2\ O_1$),2($C_{10}\ H_9\ N_2\ ^{1+}$)

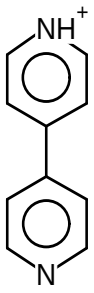
Compound Name: (μ_2-4,4'-Bipyridine)-hexakis(4,4'-bipyridin-1-ium)-di-copper(ii) bis(4,4'-bipyridin-1-ium) tris((μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten) heptahydrate

Space Group:	P-1	***Cell:***	***a***	12.166(1)	***b***	17.906(3)	***c***	20.973(3)
Space Group No.:	2	***(Å,°)***	α	68.72(0)	β	86.87(0)	γ	83.18(0)

R-Factor (%): 8.04 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 4.042







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2058

QULXOL

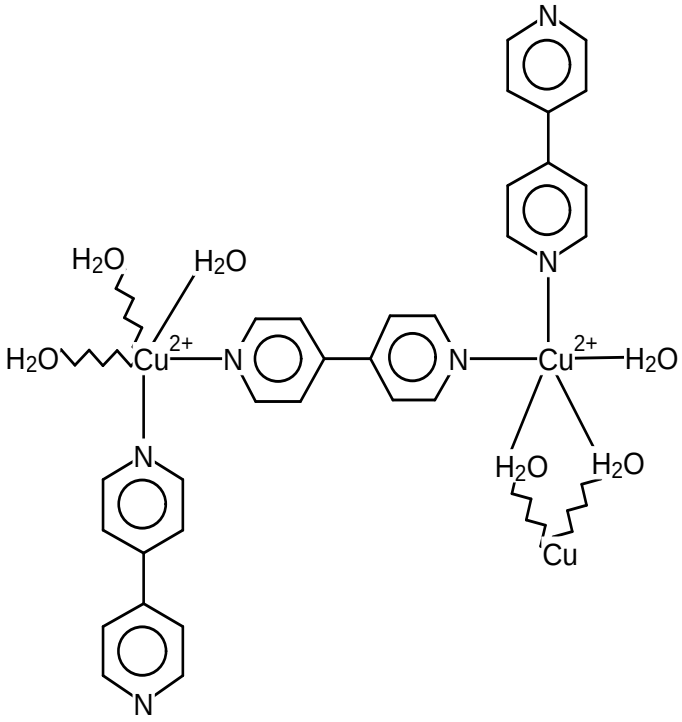
Reference: Fan Yu, Xiang-Jian Kong, Yun-Yun Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2009) *Dalton Trans.* ,9503

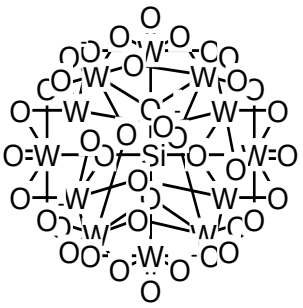
Formula: $(C_{30}\ H_{32}\ Cu_2\ N_6\ O_4\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-bis(μ_2-aqua)-diaqua-bis(4,4'-bipyridine)-di-copper(ii) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten tetrahydrate]

Space Group:	P21/n	***Cell:***	***a***	13.095(2)	***b***	15.757(3)	***c***	14.741(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.48(0)	γ	90.00

R-Factor (%):	9.04	***Temperature(K):***	123	***Density(g/cm3):***	3.958





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2059

QULXUR

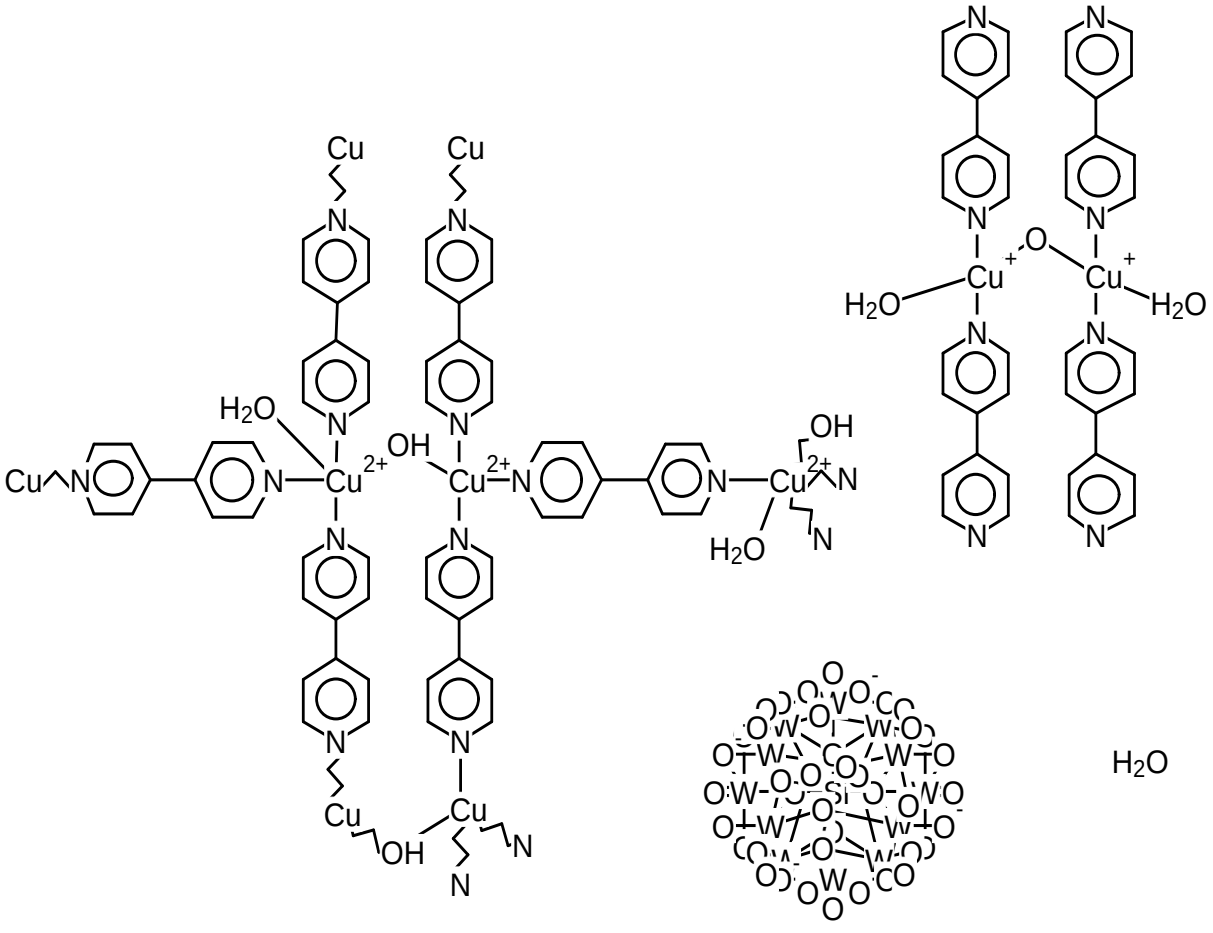
Reference: Fan Yu, Xiang-Jian Kong, Yun-Yun Zheng, Yan-Ping Ren, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2009) *Dalton Trans.* ,9503

Formula: $(C_{60}\ H_{54}\ Cu_4\ N_{12}\ O_4\ ^{6+})n,2n(O_{40}\ Si_1\ W_{12}\ ^{4-}),n(C_{40}\ H_{36}\ Cu_2\ N_8\ O_3\ ^{2+}),6n(H_2\ O_1)$

Compound Name: catena-[hexakis(μ_2-4,4'-Bipyridine)-bis(μ_2-hydroxo)-diaqua-tetra-copper(ii) (μ_2-oxo)-diaqua-tetrakis(4,4'-bipyridine)-di-copper(ii) bis((μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten) hexahydrate]

Space Group:	Pbam	***Cell:***	***a***	27.022(5)	***b***	28.597(5)	***c*** 11.116(2)
Space Group No.:	55	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.09 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 3.063



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2060

QUMNAN

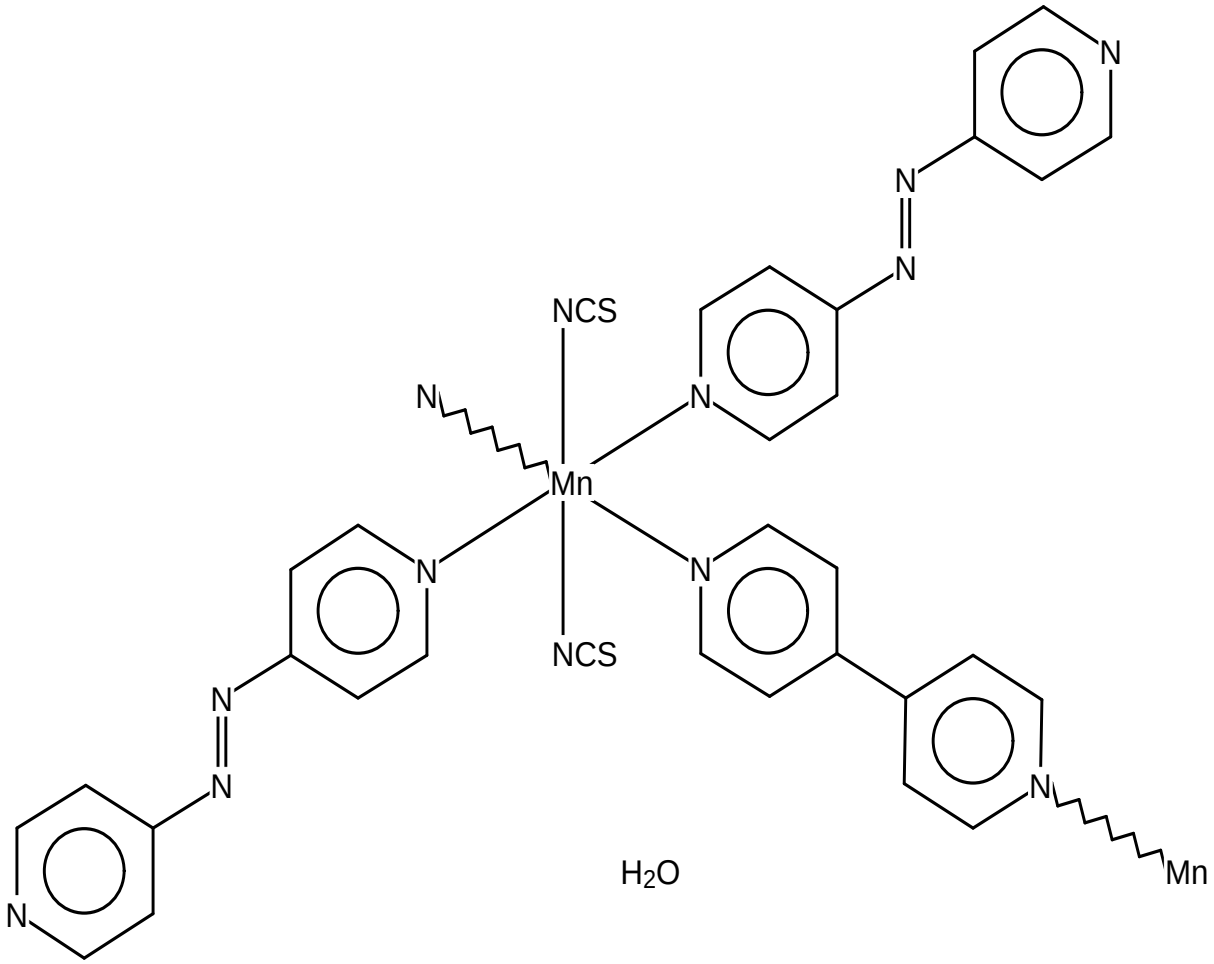
Reference: Baolong Li, Gui Yin, Huaqiang Cao, Youngjian Liu, Zheng Xu (2001) *Inorg.Chem.Commun.* ,**4,**451

Formula: $(C_{32}\ H_{24}\ Mn_1\ N_{12}\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(4,4'-azobis(pyridine)-N)-di-isothiocyanato-manganese(ii) monohydrate)

Space Group:	Pnna	***Cell:***	***a***	22.216(5)	***b***	14.109(3)	***c***	11.602(3)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.304



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2061

QUNXED

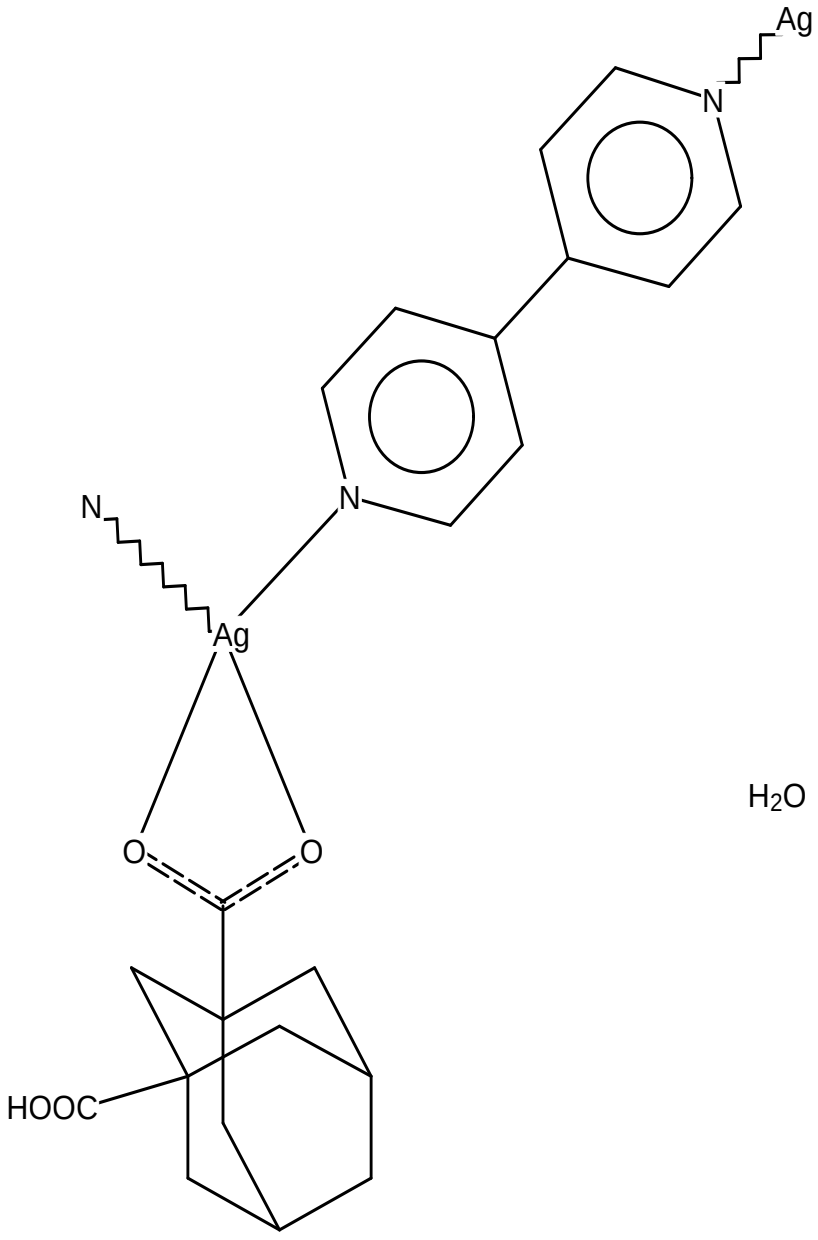
Reference: Jun-Cheng Jin, Yao-Yu Wang, Wei-Hong Zhang, A.S.Lermontov, E.Kh.Lermontova, Qi-Zhen Shi (2009) *Dalton Trans.* , 10181

Formula: $(C_{22}\ H_{23}\ Ag_1\ N_2\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(3-carboxyadamantane-1-carboxylato)-di-silver monohydrate)

Space Group:	P21/m	***Cell:***	***a***	11.498(2)	***b*** 6.907(1)	***c***	13.575(3)
Space Group No.:	11	***(Å,°)***	α	90.00	β 113.80(0)	γ	90.00

R-Factor (%): 4.93 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.701



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2062

QUNXIH

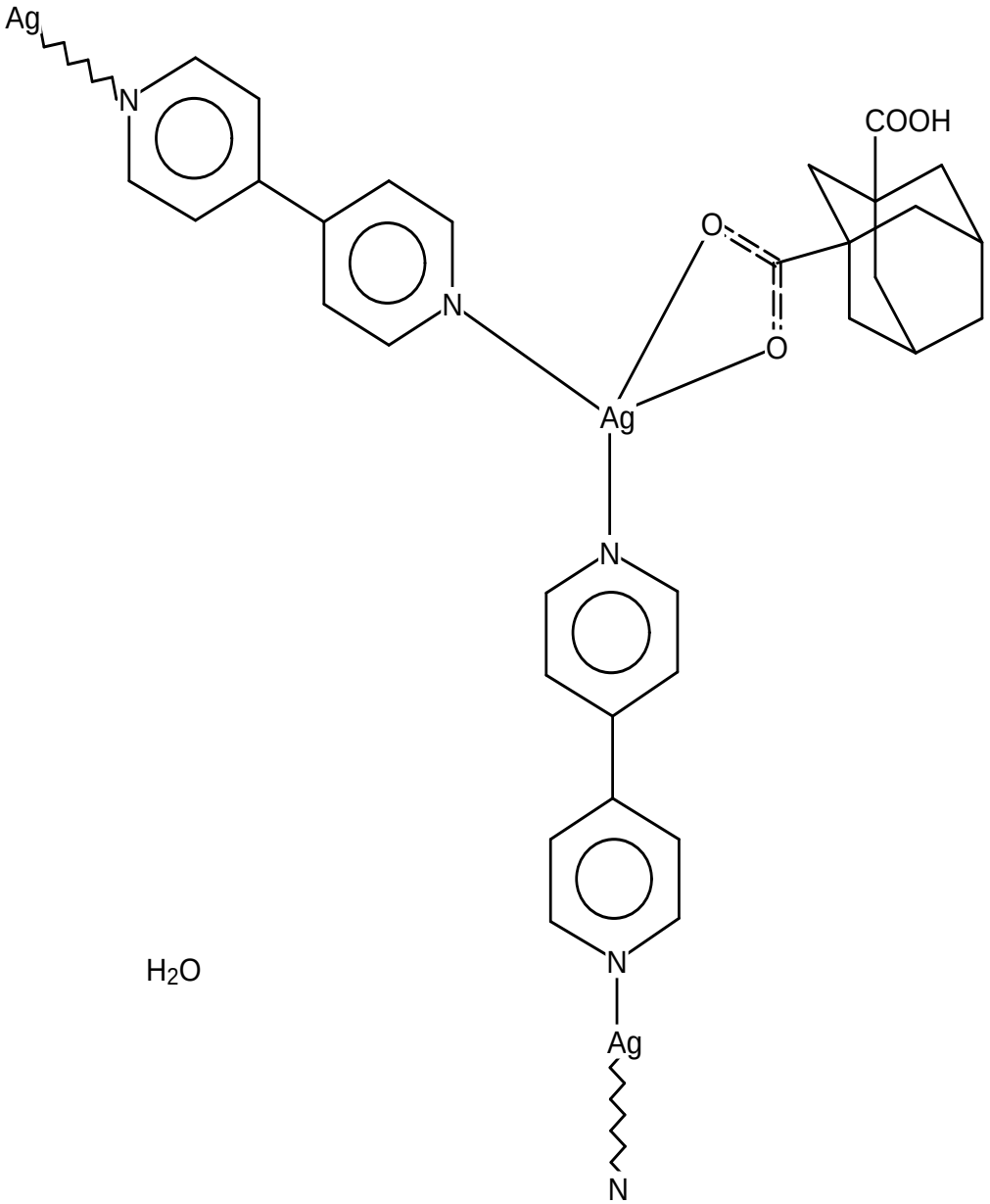
Reference: Jun-Cheng Jin, Yao-Yu Wang, Wei-Hong Zhang, A.S.Lermontov, E.Kh.Lermontova, Qi-Zhen Shi (2009) *Dalton Trans.* , 10181

Formula: $(C_{32}\ H_{31}\ Ag_2\ N_4\ O_4)n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(3-carboxyadamantane-1-carboxylato)-silver(i) hexahydrate)

Space Group:	P21/m	***Cell:***	***a***	14.281(9)	***b***	6.811(4)	***c*** 21.032(12)
Space Group No.:	11	***(Å,°)***	α	90.00	β	100.54(1)	γ 90.00

R-Factor (%): 6.16 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.419



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2063

QUPBAF

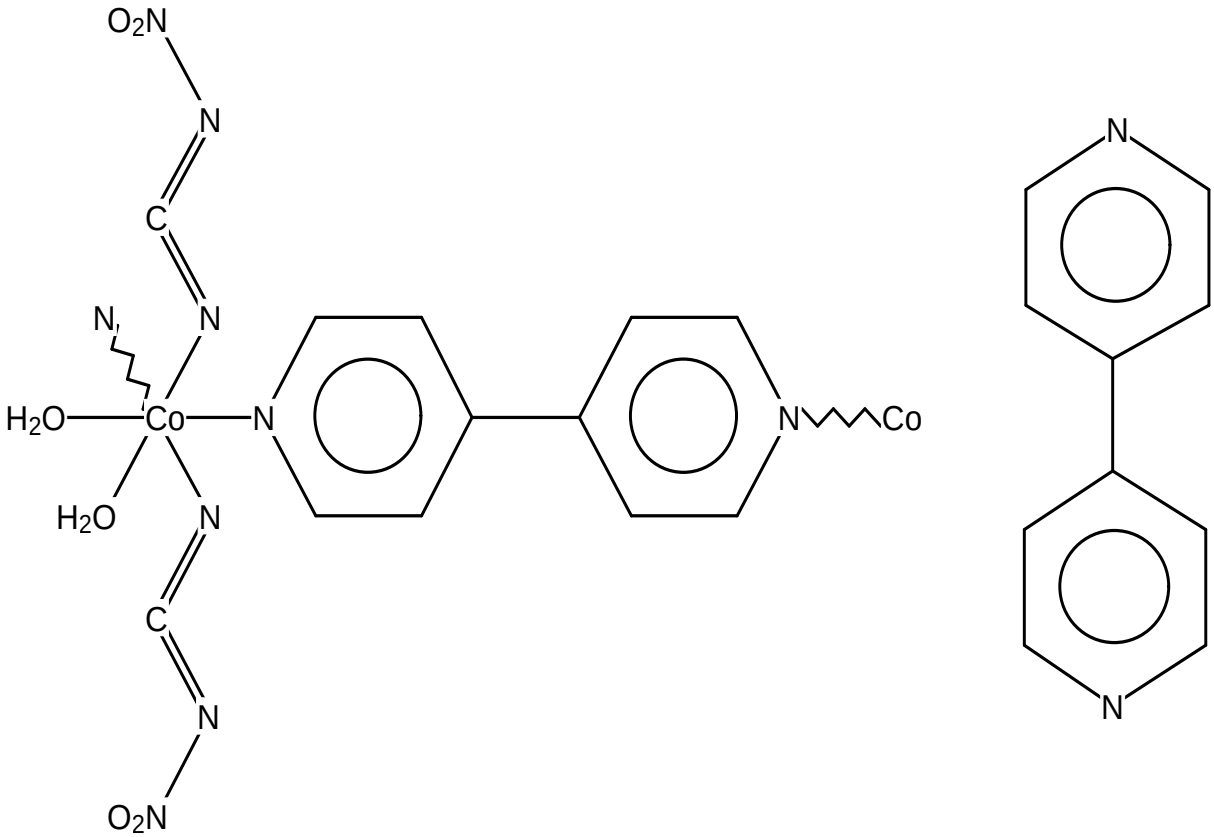
Reference: A.M.Kutasi, D.R.Turner, P.Jensen, B.Moubaraki, S.R.Batten, K.S.Murray (2009) *CrystEngComm ,***11,**2089

Formula: $(C_{12}\ H_{12}\ Co_1\ N_8\ O_6)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-bis(nitrocyanamide)-diaqua-cobalt 4,4'-bipyridine solvate)

Space Group:	P2/c	***Cell:***	***a***	7.282(0)	***b*** 11.389(0)	***c***	15.259(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.41(0)	γ	90.00

R-Factor (%): 5.94 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.557



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2064

QUPBEJ

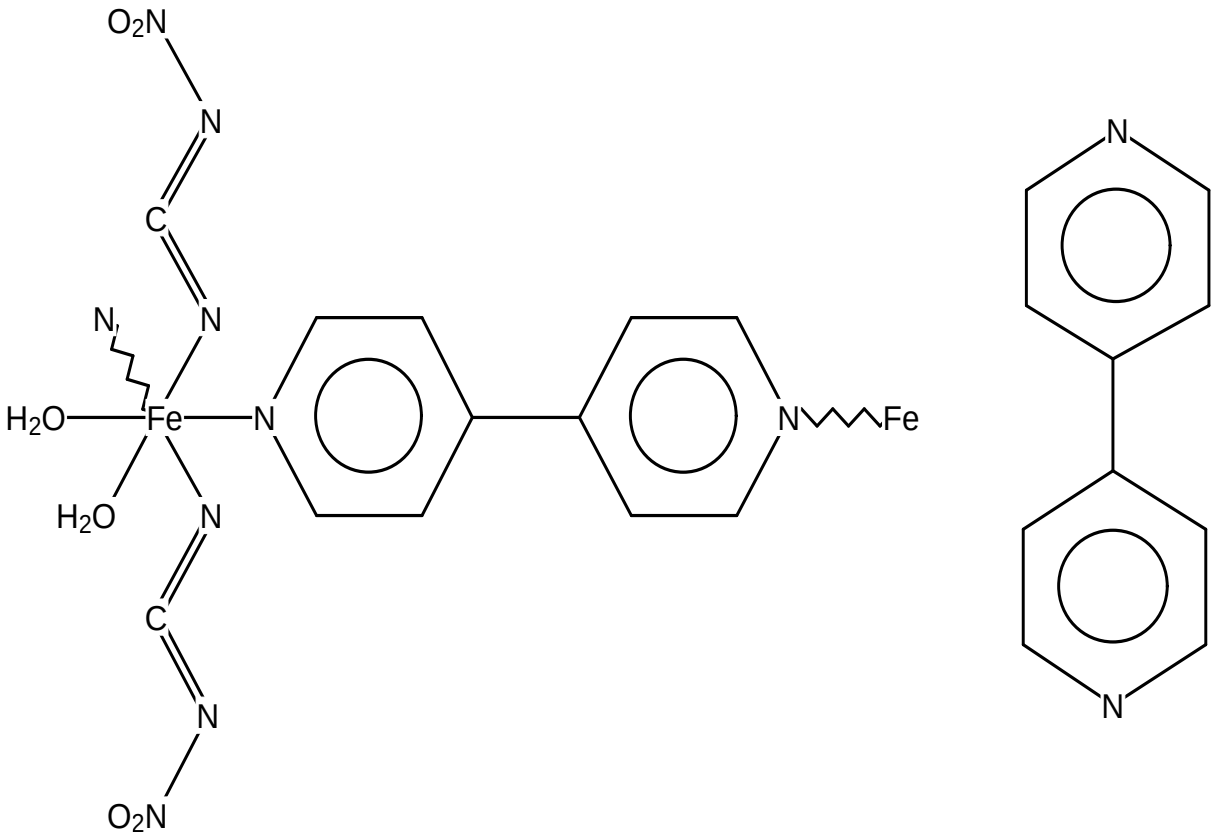
Reference: A.M.Kutasi, D.R.Turner, P.Jensen, B.Moubaraki, S.R.Batten, K.S.Murray (2009) *CrystEngComm ,***11,**2089

Formula: $(C_{12}\ H_{12}\ Fe_1\ N_8\ O_6)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-bis(nitrocyanamide)-diaqua-iron 4,4'-bipyridine solvate)

Space Group:	P2/c	***Cell:***	***a***	7.274(0)	***b*** 11.485(0)	***c***	15.262(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.36(0)	γ	90.00

R-Factor (%): 3.91 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.537



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2065

QUPBIN

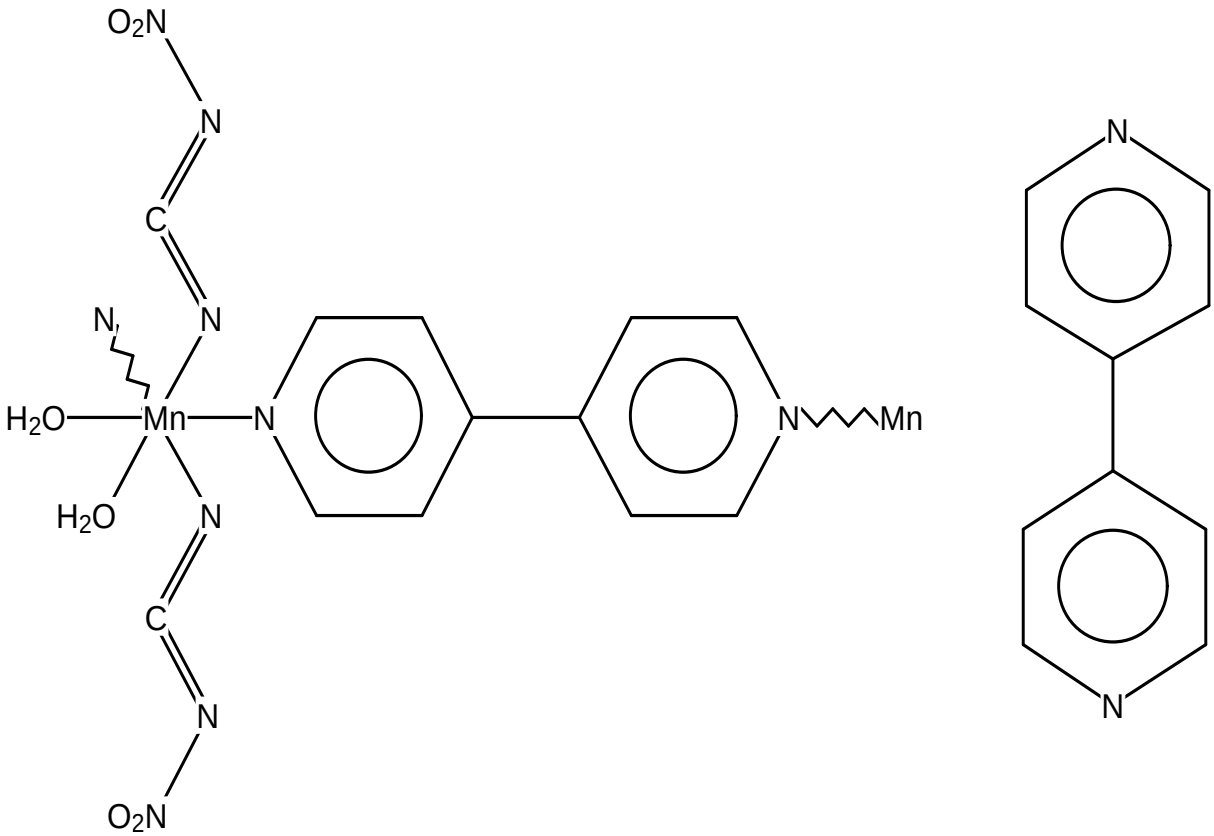
Reference: A.M.Kutasi, D.R.Turner, P.Jensen, B.Moubaraki, S.R.Batten, K.S.Murray (2009) *CrystEngComm ,***11,**2089

Formula: $(C_{12}\ H_{12}\ Mn_1\ N_8\ O_6)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(nitrocyanamide)-diaqua-manganese 4, 4'-bipyridine solvate)

Space Group:	P2/c	***Cell:***	***a***	7.310(0)	***b*** 11.590(0)	***c***	15.278(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.87(0)	γ	90.00

R-Factor (%): 3.78 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.508



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2066

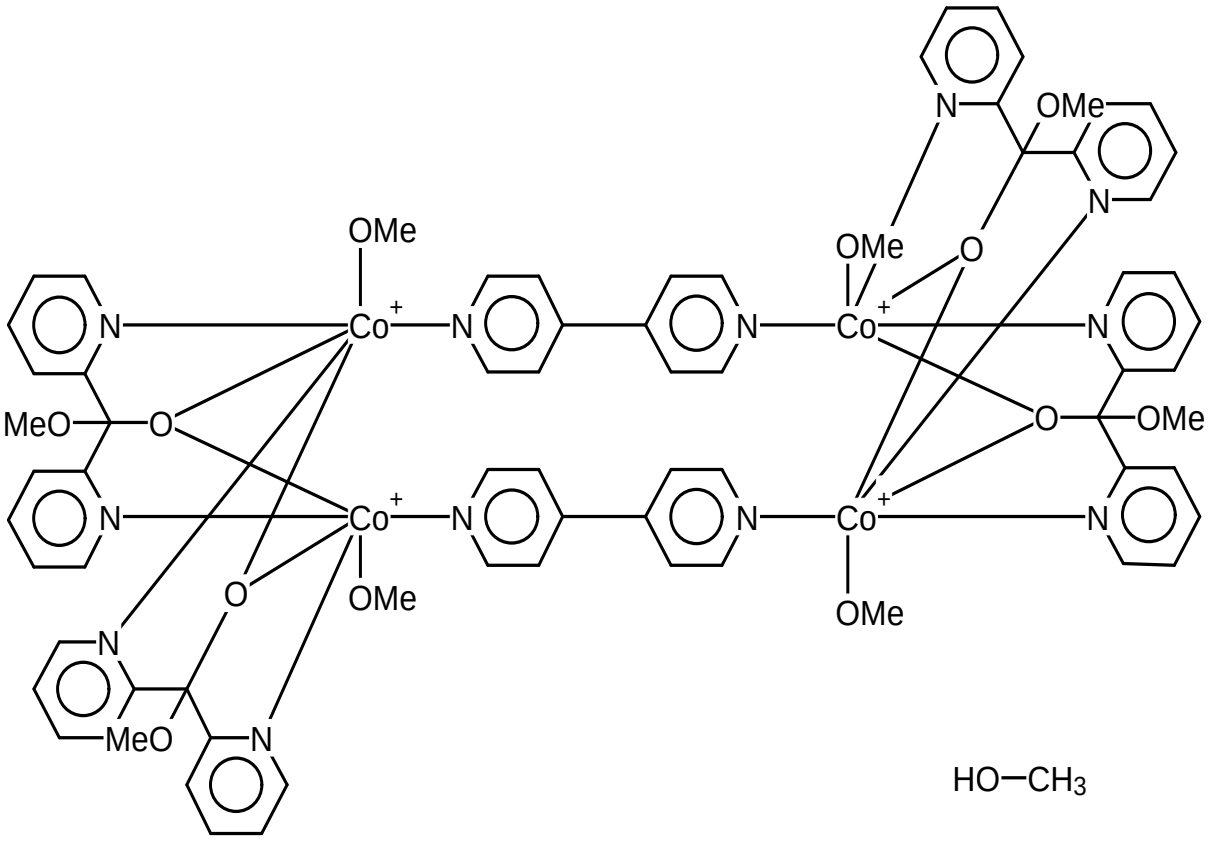
QUPCAG

Reference: A.D.Katsenis, R.Inglis, A.M.Z.Slawin, V.G.Kessler, E.K.Brechin, G.S.Papaefstathiou (2009) *CrystEngComm* ,**11,**2117

Formula: $C_{72}\ H_{72}\ Co_4\ N_{12}\ O_{12}\ ^{4+}$,4($N_1\ O_3\ ^{1-}$),2($C_1\ H_4\ O_1$)

Compound Name: tetrakis(μ_2-bis(2-pyridyl)(methoxy)methoxo)-bis(μ_2-4,4'-bipyridine)-tetrakis(methoxy)-tetra-cobalt tetranitrate methanol solvate

Space Group:	P21/n	***Cell:***	***a***	13.463(3)	***b***	14.090(3)	***c*** 21.268(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.88(0)	γ 90.00
R-Factor (%):	4.59	***Temperature(K):***	173	***Density(g/cm^3):***	1.522		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2067

QUPCOT

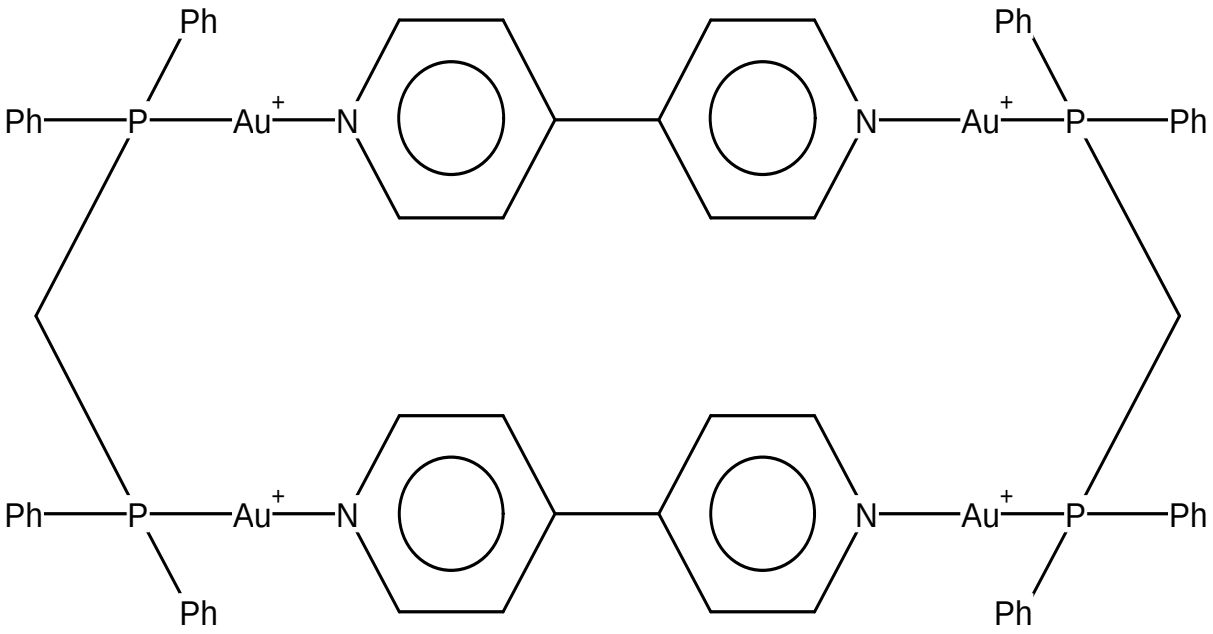
Reference: M.-C.Brandys, M.C.Jennings, R.J.Puddephatt (2000)
J.Chem.Soc.,Dalton Trans. ,4601

Formula: $C_{70}\ H_{60}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_2\ F_3\ O_2\ ^{1-}$),$C_1\ H_2\ Cl_2$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(bis(diphenylphosphino)methane-P,P')-tetra-gold(i) tetrakis(trifluoroacetate) dichloromethane solvate

Space Group:	Pna21	***Cell:***	***a***	26.573(0)	***b*** 18.722(0)	***c***	16.853(0)
Space Group No.:	33	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 5.66 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.906





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2068

QUPCUZ

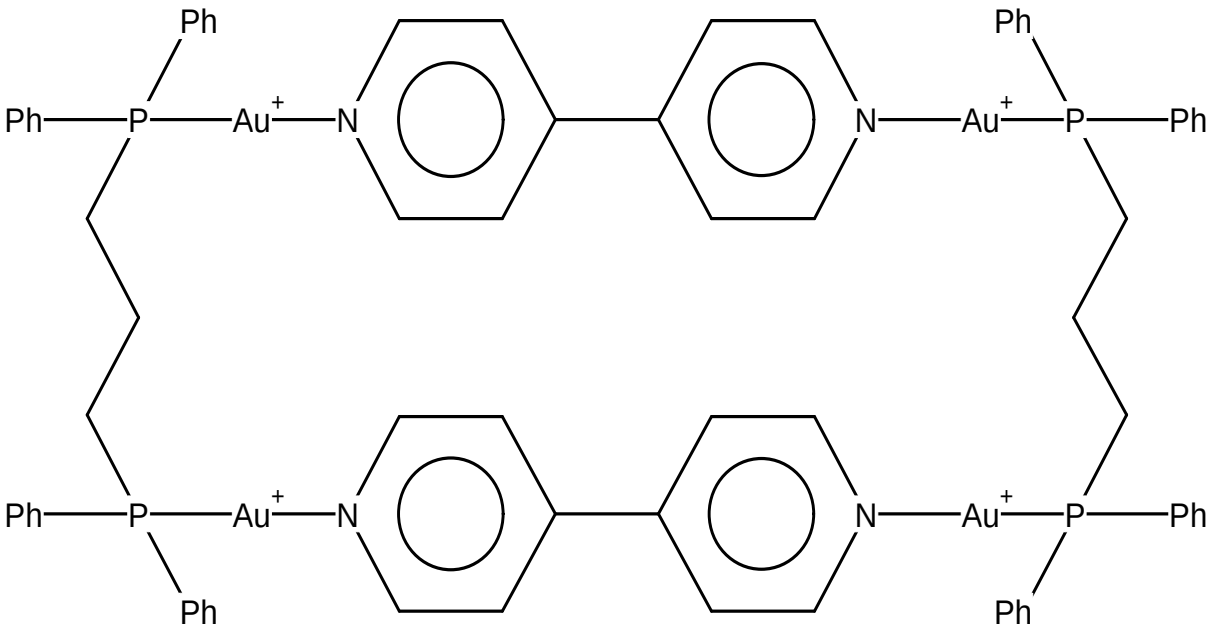
Reference: M.-C.Brandys, M.C.Jennings, R.J.Puddephatt (2000) *J.Chem.Soc.,Dalton Trans.* ,4601

Formula: $C_{74}\ H_{68}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_2\ F_3\ O_2\ ^{1-}$),$C_1\ H_2\ Cl_2$,$C_5\ H_{12}$

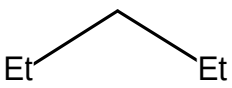
Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(1,3-bis(diphenylphosphino)propane-P,P')-tetra-gold(i) tetrakis(trifluoroacetate) dichloromethane n-pentane solvate

Space Group:	P21/n	***Cell:***	***a***	13.251(0)	***b*** 19.140(0)	***c***	18.182(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.79(0)	γ	90.00

R-Factor (%): 4.54 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.897







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2069

QUPDAG

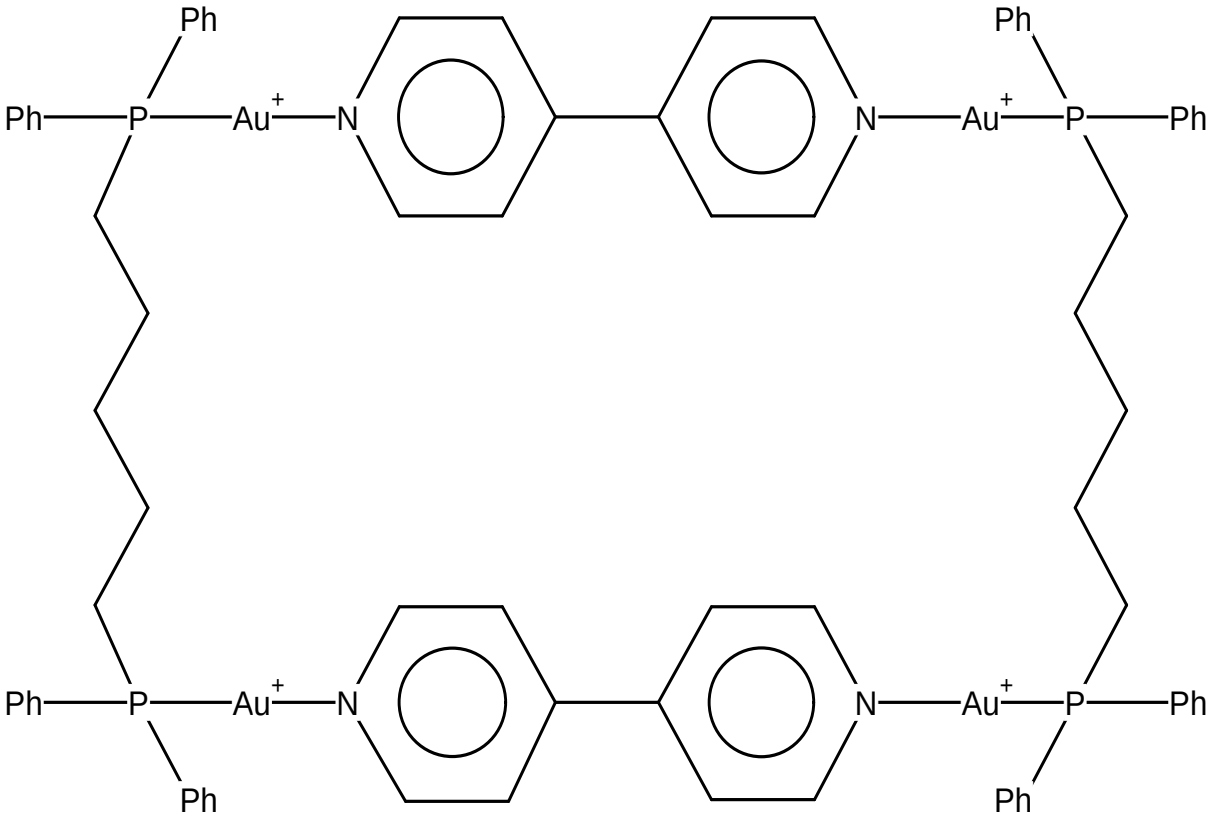
Reference: M.-C.Brandys, M.C.Jennings, R.J.Puddephatt (2000) *J.Chem.Soc.,Dalton Trans.* ,4601

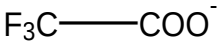
Formula: $C_{78}\ H_{76}\ Au_4\ N_4\ P_4\ ^{4+}$,4($C_2\ F_3\ O_2\ ^{1-}$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(1,5-bis(diphenylphosphino)pentane-P,P')-tetra-gold(i) tetrakis(trifluoroacetate)

Space Group:	Iba2	***Cell:***	***a***	17.333(1)	***b***	23.869(1)	***c***	48.044(1)
Space Group No.:	45	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 11.14 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.626





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2070

QURKUJ

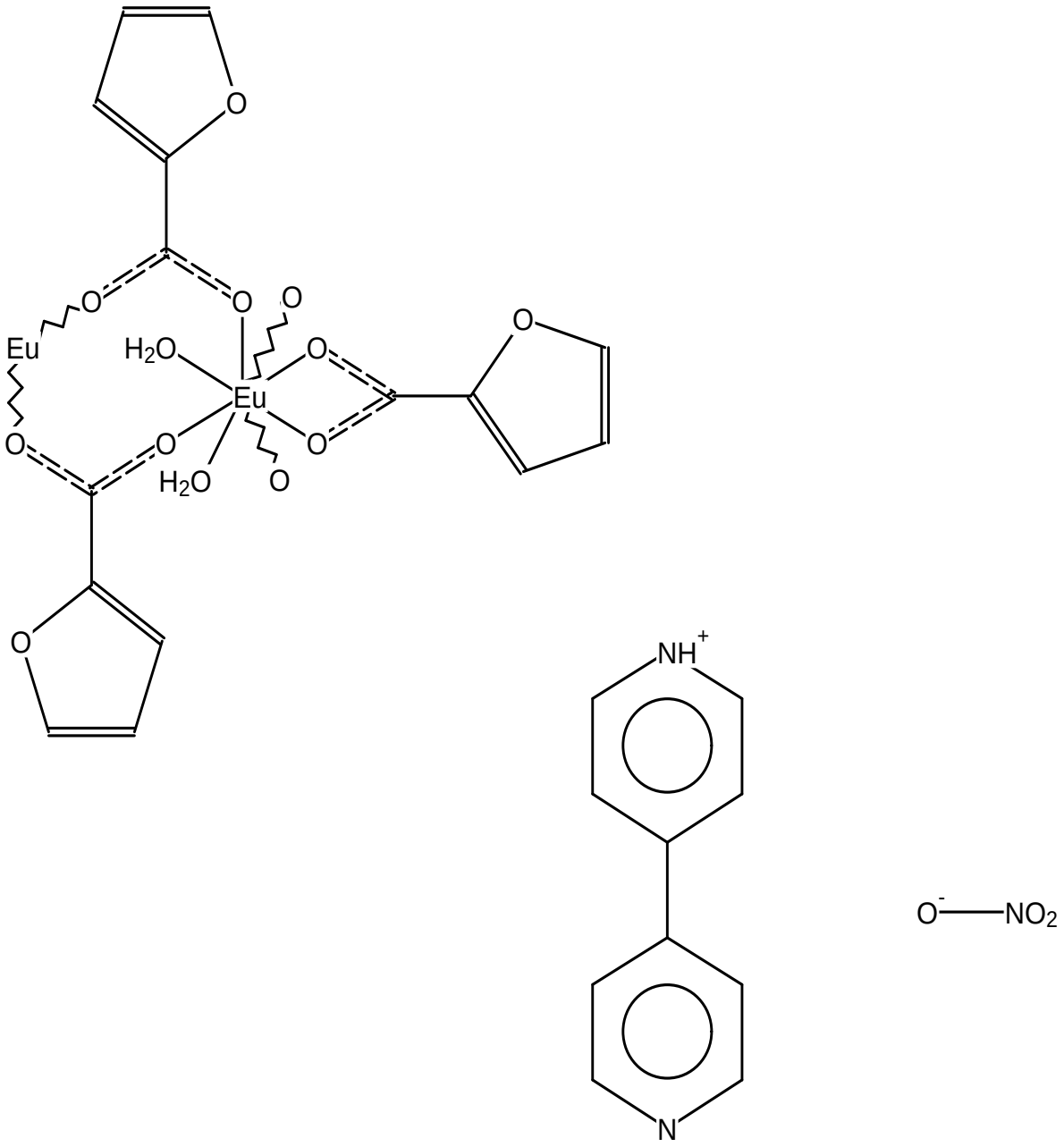
Reference: X.Li, X.Zheng, L.Jin, S.Lu, J.Zhang (2001) *J.Mol.Struct.* , **559,**341

Formula: $(C_{15}\ H_{13}\ Eu_1\ O_{11})n,n(C_{10}\ H_9\ N_2\ ^{1+}),n(N_1\ O_3\ ^{1-})$

Compound Name: catena-[(4,4'-Bipyridinium) bis(μ_2-2-furoato-O,O')-(2-furoato-O,O')-diaqua-europium(iii) nitrate]

Space Group:	Pna21	***Cell:***	***a***	9.756(1)	***b***	16.300(2)	***c***	17.417(3)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.776



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2071

QUSFEP

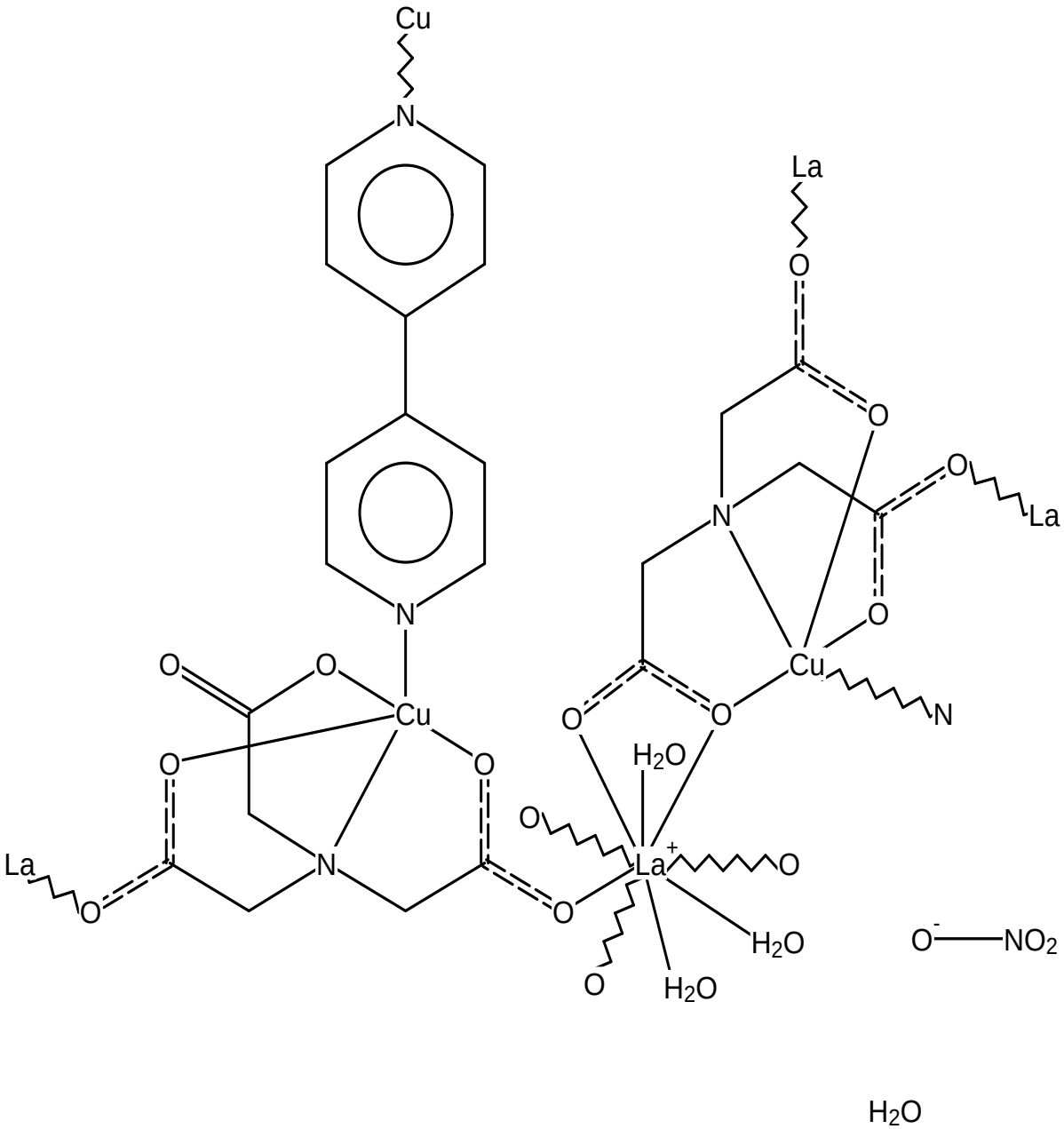
Reference: Fu-Pei Liang, Zi-Lu Chen, Rui-Xiang Hu, Hong Liang, Man-Bo Zhang, Kai-Bei Yu (2000) *Chin.J.Chem. ,***18,**828

Formula: $(C_{22}\ H_{26}\ Cu_2\ La_1\ N_4\ O_{15}\ ^{1+})n,n(N_1\ O_3\ ^{1-}),5n(H_2\ O_1)$

Compound Name: catena-[(μ_4-Nitrilotricacetato)-(μ_3-nitrilotricacetato) (μ_2-4,4'-bipyridyl)-di-copper(ii)-lanthanum(iii) nitrate pentahydrate]

Space Group:	P-1	***Cell:***	***a***	13.371(1)	***b***	14.453(1)	***c***	10.949(2)
Space Group No.:	2	***(Å,°)***	α	71.91(0)	β	74.33(0)	γ	64.43(0)

R-Factor (%):	3.02	***Temperature(K):***	296	***Density(g/cm^3):***	1.862



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2072

RABFEF

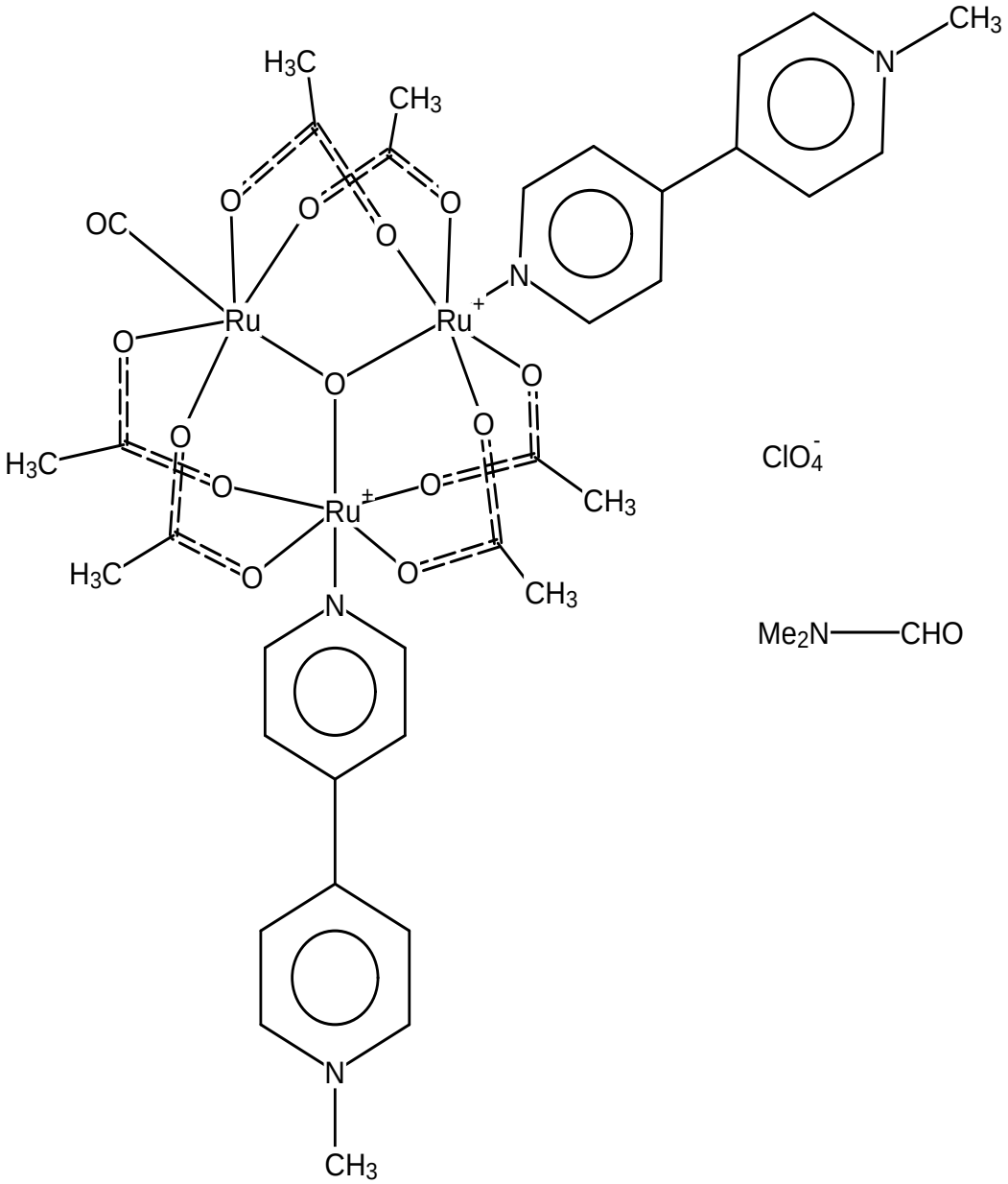
Reference: M.Abe, Y.Sasaki, Y.Yamada, K.Tsukahara, S.Yano, T.Yamaguchi, M.Tominaga, I.Taniguchi, T.Ito (1996) *Inorg.Chem.* ,**35,** 6724

Formula: $C_{35}\ H_{40}\ N_4\ O_{14}\ Ru_3\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$),2($C_3\ H_7\ N_1\ O_1$)

Compound Name: (μ_3-Oxo)-hexakis(μ_2-acetato)-carbonyl-bis(N-methyl-4,4'-bipyridinium)-tri-ruthenium(ii,iii) diperchlorate dimethylformamide solvate

Space Group:	P21/m	***Cell:***	***a***	8.740(6)	***b***	32.269(6)	***c*** 10.276(4)
Space Group No.:	11	***(Å,°)***	α	90.00	β	103.37(5)	γ 90.00

R-Factor (%): 7.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.636



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2073

RABNOX

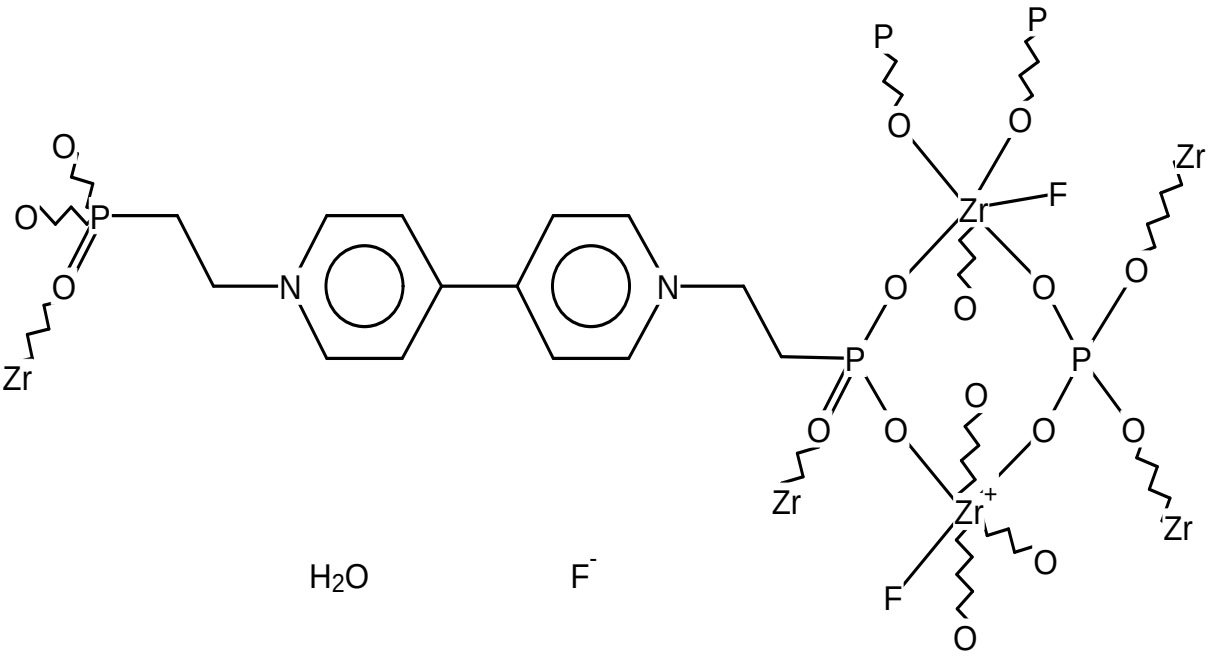
Reference: H.Byrd, A.Clearfield, D.Poojary, K.P.Reis, M.E.Thompson (1996) *Chem.Mater.* ,**8,**2239

Formula: $(C_{14}\ H_{16}\ F_2\ N_2\ O_{10}\ P_3\ Zr_2\ ^{1+})n,n(F_1\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-(μ_6(1,1'-(bis(Ethylphosphonato))-4,4'-bipyridyl)-difluoro-(μ_4-phosphato)-di-zirconium fluoride trihydrate)

Space Group:	P2/c	***Cell:***	***a***	13.590(2)	***b*** 8.835(0)	***c***	9.229(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 100.79	γ	90.00

R-Factor (%): 15.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.315



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2074

RADXEA

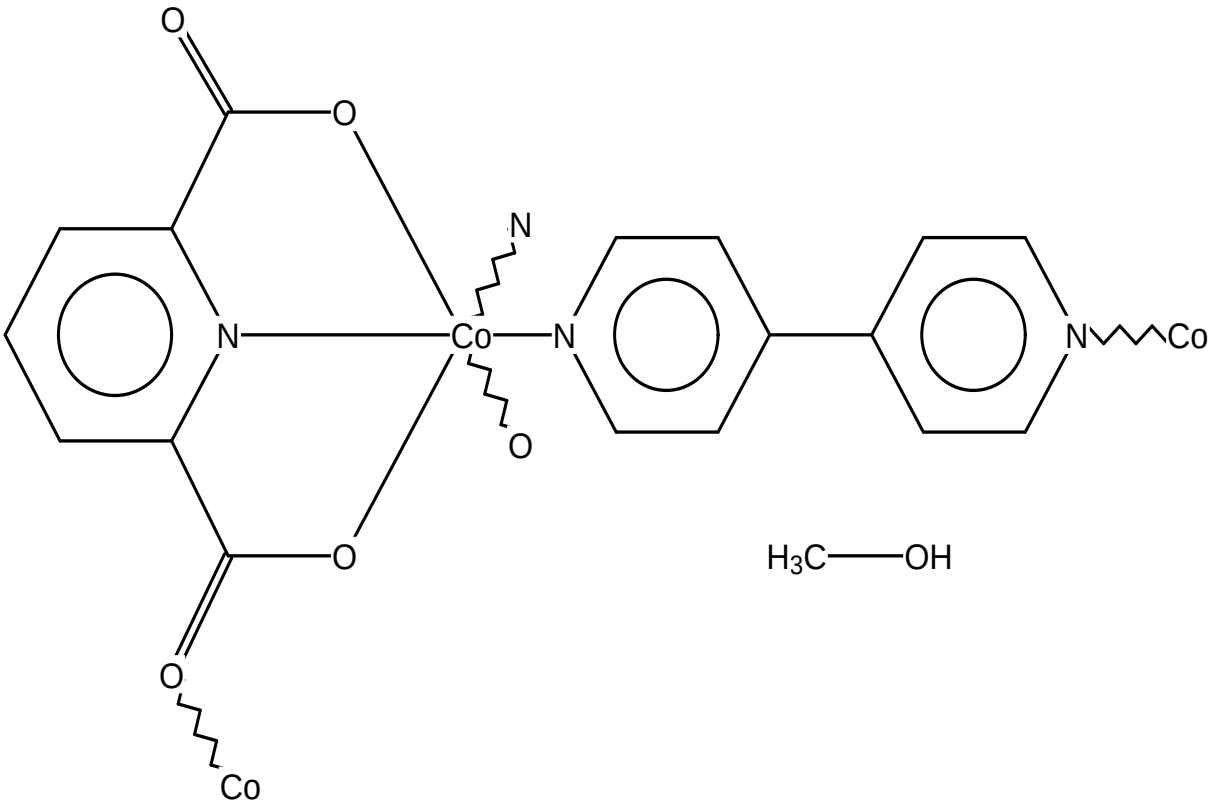
Reference: Chengzhi Xie, Baofeng Zhang, Xuanwen Liu, Xiaoqing Wang, Huizhong Kou, Guangqiu Shen, Dezhong Shen (2004) *Inorg.Chem.Commun. ,***7,**1037

Formula: $(C_{17}\ H_{11}\ Co_1\ N_3\ O_4)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(pyridine-2,6-dicarboxylato)-cobalt(ii) methanol solvate)

Space Group:	P21/c	***Cell:***	***a***	11.385(3)	***b*** 10.310(3)	***c***	18.395(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 121.83(0)	γ	90.00

R-Factor (%): 6.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.493



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2075

RADYOL

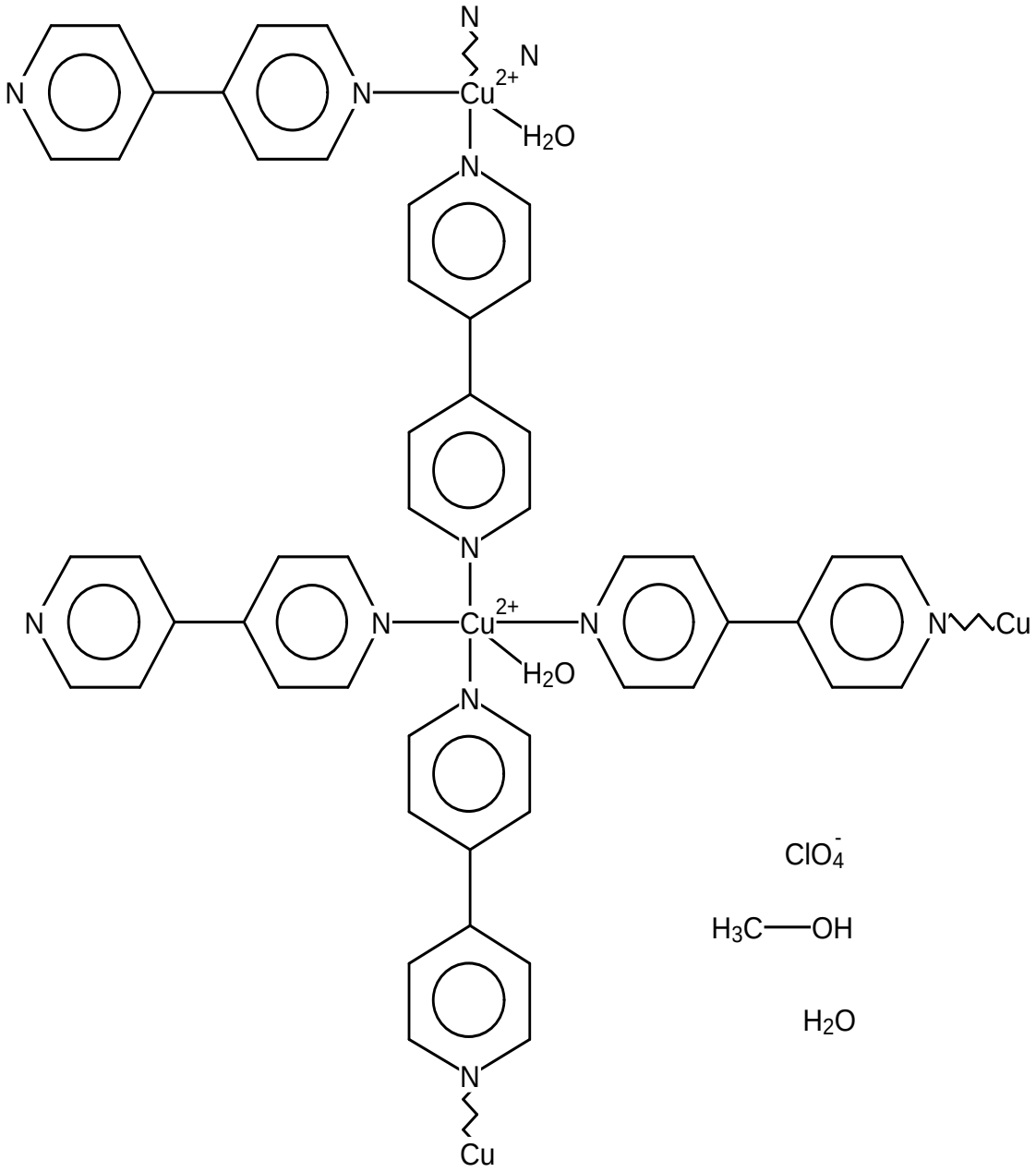
Reference: Miao Du, Xiao-Jun Zhao (2004) *Inorg.Chem.Commun.* ,**7,** 1056

Formula: $(C_{50}\ H_{44}\ Cu_2\ N_{10}\ O_2\ ^{4+})n,4n(Cl_1\ O_4\ ^{1-}),3n(C_1\ H_4\ O_1),2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridine)-diaqua-di-copper(ii) diperchlorate methanol solvate dihydrate)

Space Group:	Aba2	***Cell:***	***a***	45.278(15)	***b***	20.394(7)	***c***	8.264(3)
Space Group No.:	41	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.283



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2076

RAGDIN

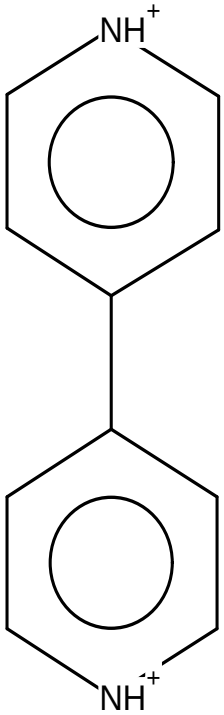
Reference: Mei-Ling Feng, Jiang-Gao Mao, Jun-Ling Song (2004)
*J.Solid State Chem. ,***177,**3529

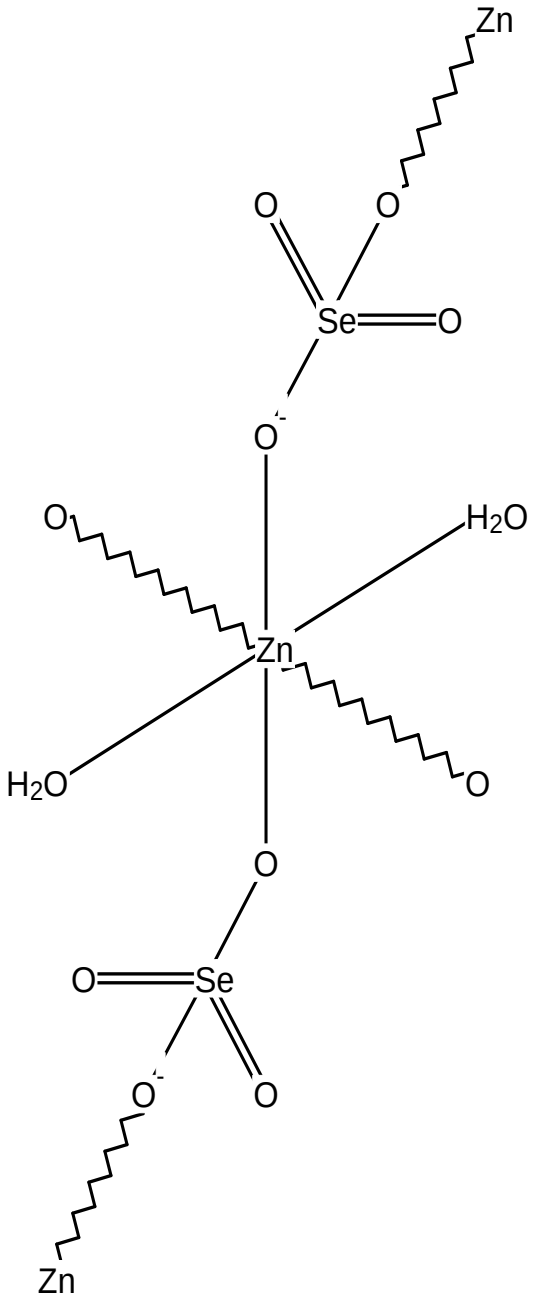
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(H_4\ O_{10}\ Se_2\ Zn_1\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridinedi-ium bis(μ_2-selenato)-diaqua-zinc)

Space Group:	P-1	***Cell:***	***a***	5.354(3)	***b***	7.529(4)	***c*** 10.797(7)
Space Group No.:	2	***(Å,°)***	α	109.47(1)	β	93.89(2)	γ 105.48(1)

R-Factor (%): 3.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.326





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2077

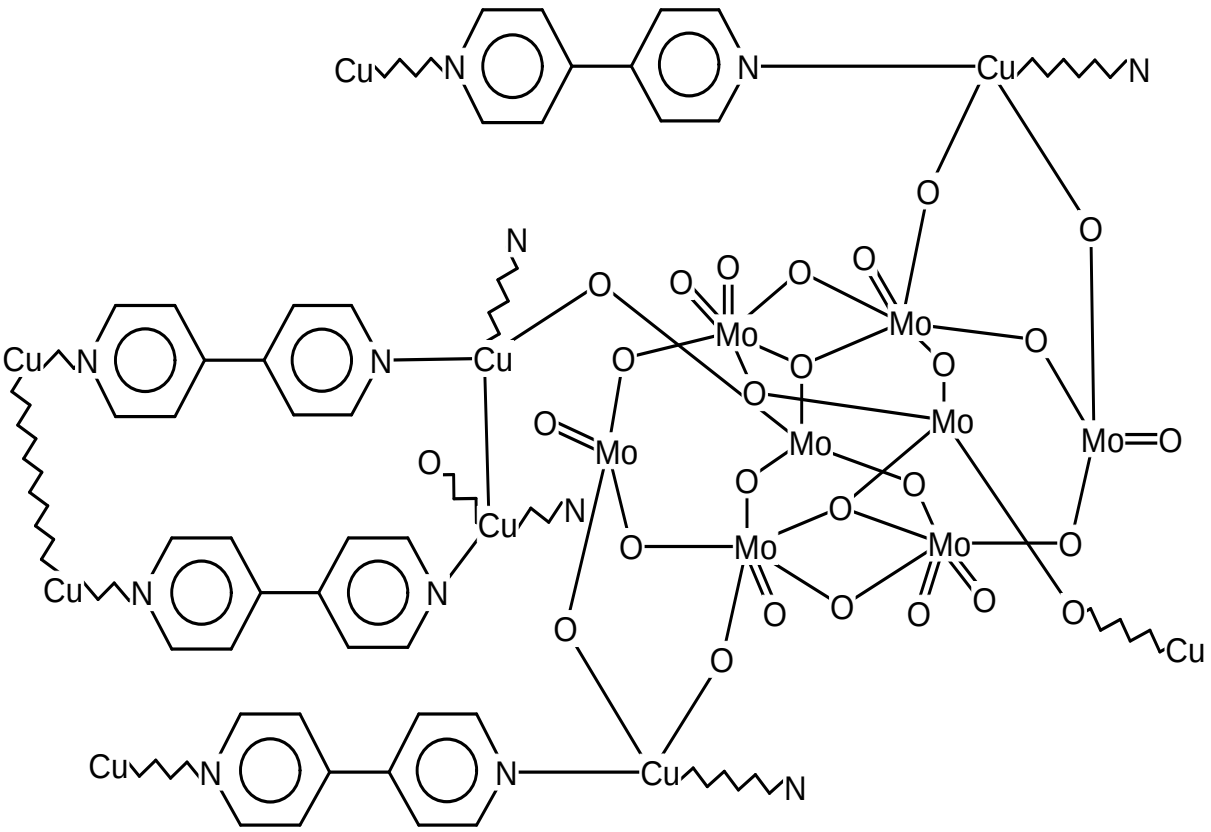
RAGXUS

Reference: D.Hagrman, C.Zubieta, D.J.Rose, J.Zubieta, R.C.Haushalter (1997) *Angew.Chem.,Int.Ed.* ,**36,**873

Formula: $(C_{40}\ H_{32}\ Cu_4\ Mo_8\ N_8\ O_{26})n$

Compound Name: catena-(bis(μ_3-Oxo)-tetrakis(μ_2-4,4'-bipyridyl)-hexadecakis(μ_2-oxo)-octaoxo-tetra-copper-octa-molybdenum)

Space Group:	P21/c	***Cell:***	***a*** 10.892(0)	***b*** 10.849(0)	***c*** 23.424(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 100.45	γ 90.00
R-Factor (%):	4.21	***Temperature(K):***	295	***Density(g/cm^3):***	2.516



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2078

RAGYAZ

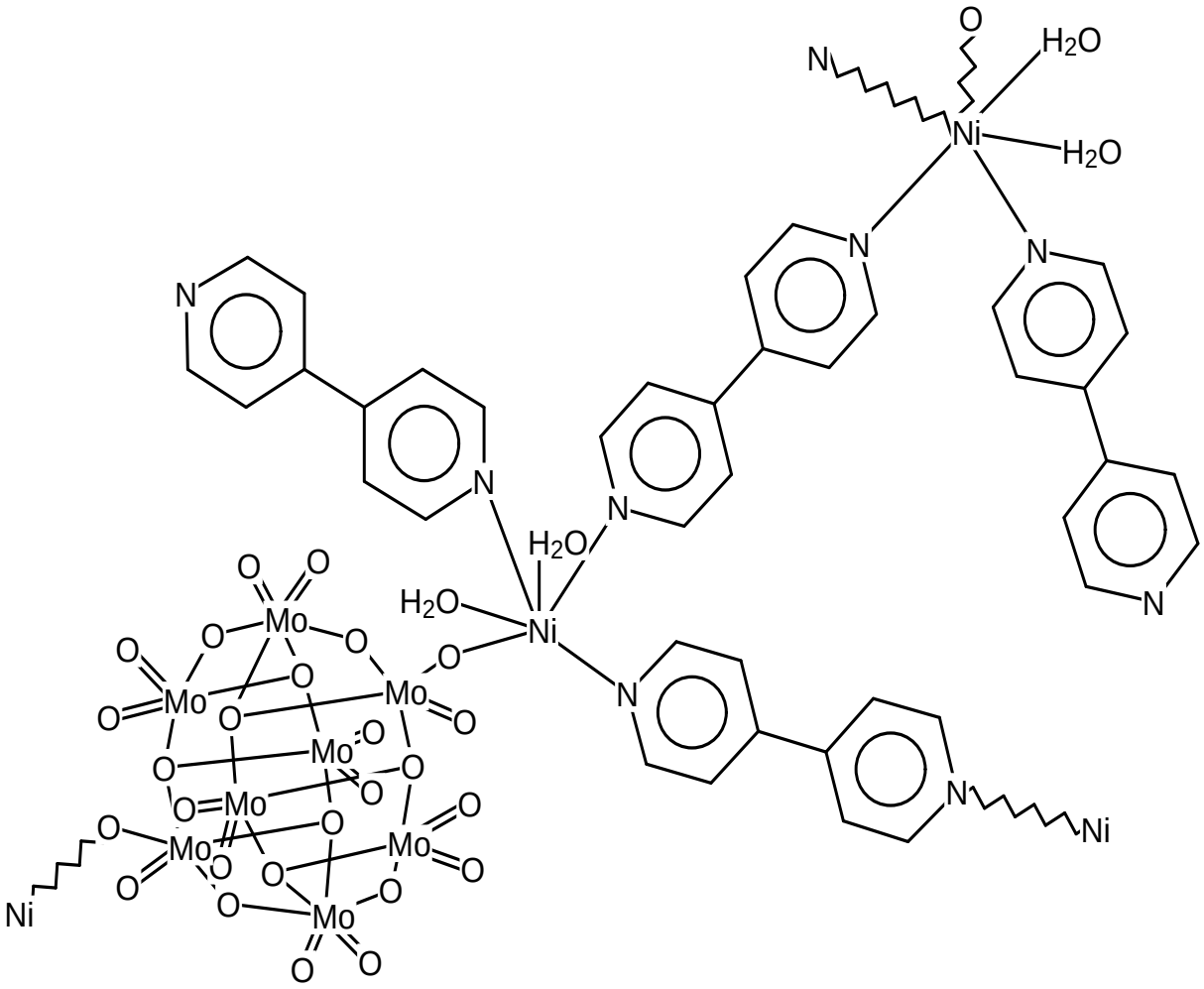
Reference: D.Hagrman, C.Zubieta, D.J.Rose, J.Zubieta, R.C.Haushalter (1997) *Angew.Chem.,Int.Ed. ,***36,**873

Formula: $(C_{40}\ H_{40}\ Mo_8\ N_8\ Ni_2\ O_{30})n$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridyl)-tetra-aqua-di-nickel-hexacosa-oxa-octa-molybdenum)

Space Group:	P-1	***Cell:***	***a***	10.181(0)	***b*** 11.810(0)	***c***	13.250(0)
Space Group No.:	2	***(Å,°)***	α	97.14(0)	β 106.98(0)	γ	110.72(0)

R-Factor (%): 4.12 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.407



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2079

RAGYED

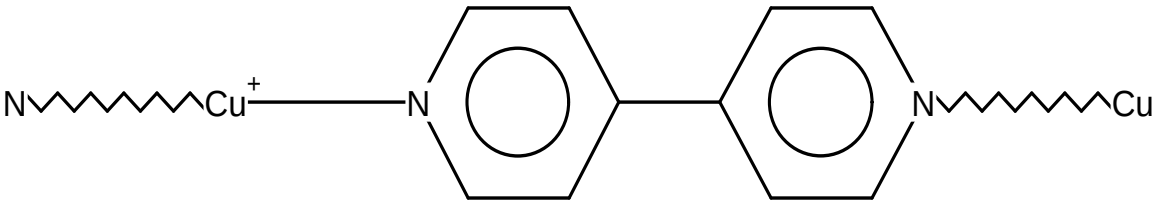
Reference: D.Hagrman, C.Zubieta, D.J.Rose, J.Zubieta, R.C.Haushalter (1997) *Angew.Chem.,Int.Ed. ,***36,**873

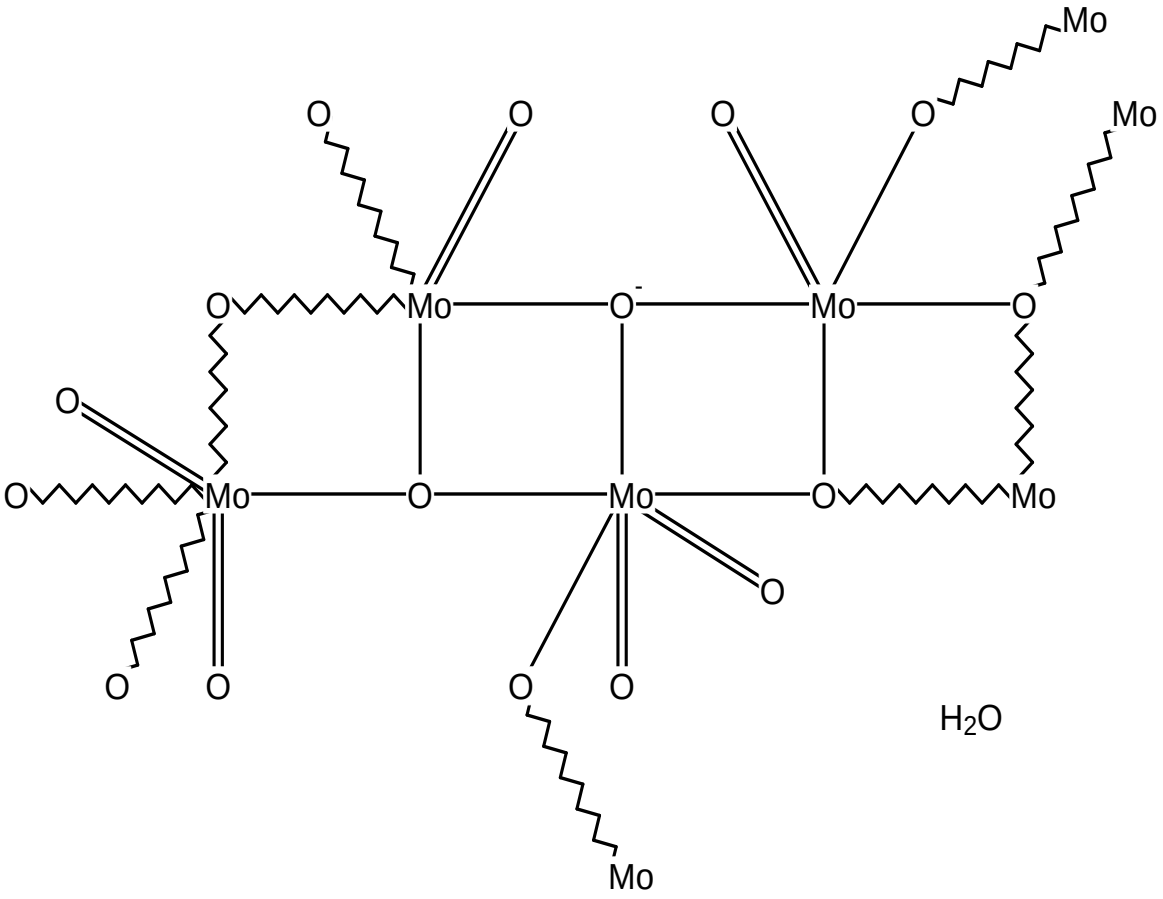
Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})n,n(Mo_4\ O_{12}\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl)-copper dodeca-oxa-tetra-molybdenum dihydrate)

Space Group:	I2/a	***Cell:***	***a***	21.797(2)	***b*** 3.756(0)	***c***	24.425(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.82(0)	γ	90.00

R-Factor (%): 6.27 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.918





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2080

RAHMAP

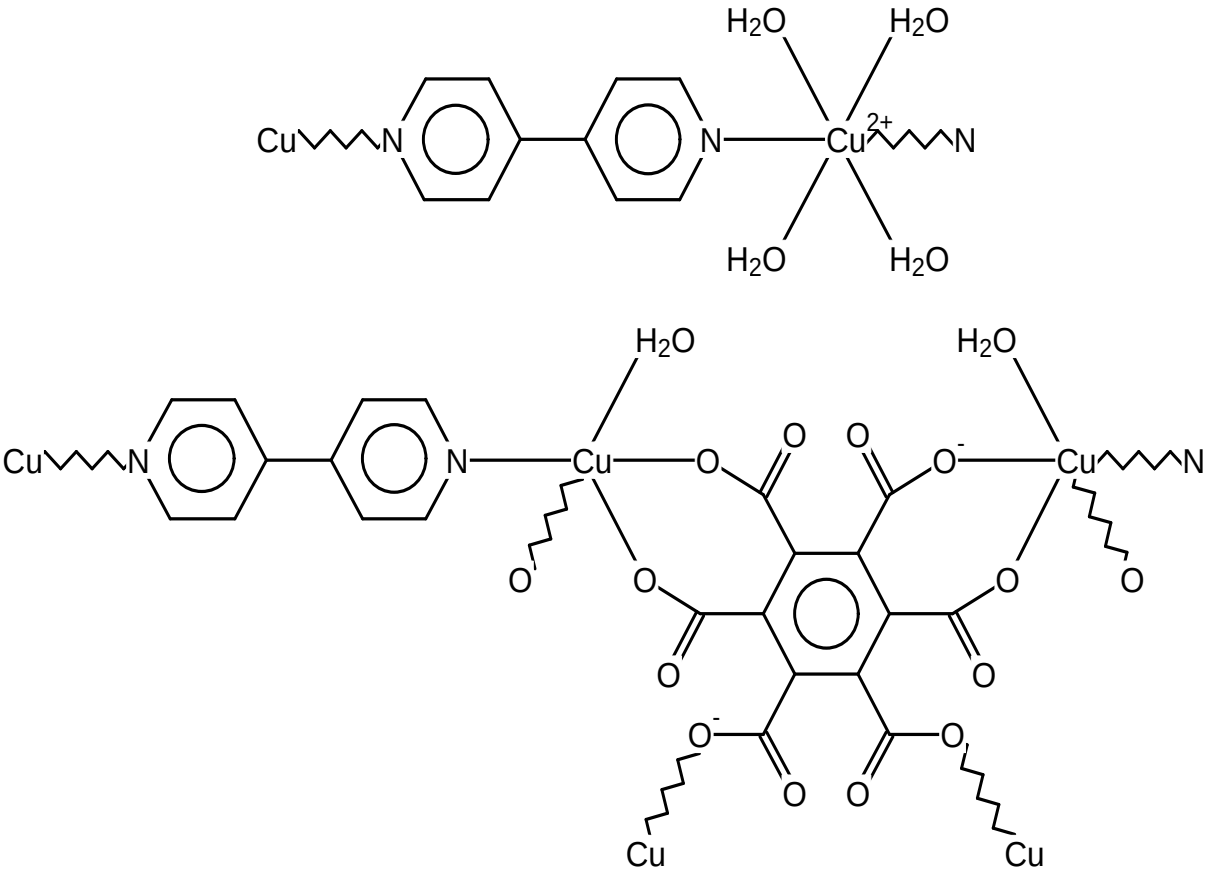
Reference: E.Yang, Jian Zhang, Zhao-Ji Li, Song Gao, Yao Kang, Yu-Biao Chen, Yi-Hang Wen, Yuan-Gen Yao (2004) *Inorg.Chem. ,***43,** 6525

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{2+})n,n(C_{22}\ H_{12}\ Cu_2\ N_2\ O_{14}\ ^{2-})$

Compound Name: catena-((μ_4-Mellitato)-(μ_2-4,4'-bipyridyl)-diaqua-di-copper(ii) (μ_2-4,4'-bipyridyl)-tetra-aqua-copper(ii) clathrate)

Space Group:	P2/c	***Cell:***	***a***	10.176(0)	***b*** 11.160(0)	***c***	14.856(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 107.04(0)	γ	90.00

R-Factor (%): 4.17 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.950



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2081

RAJLUK

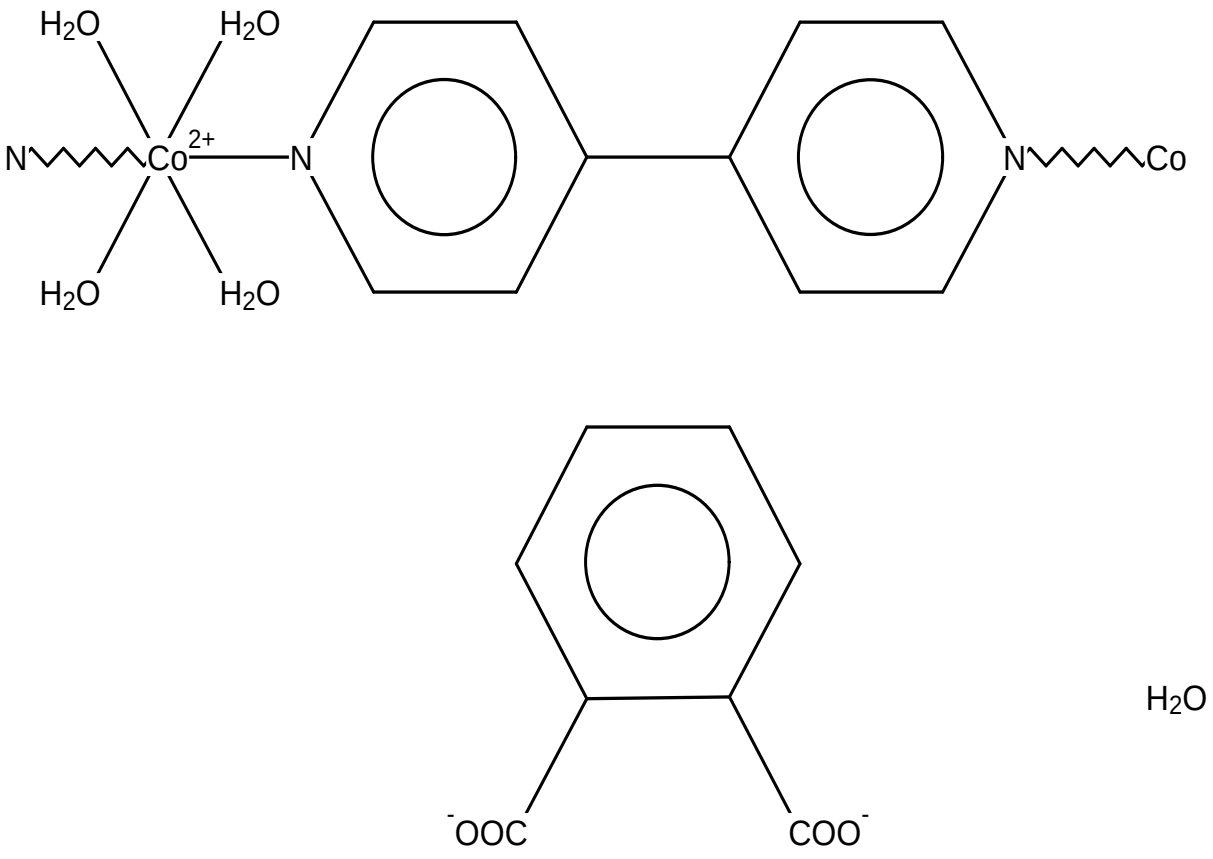
Reference: Cheng-Zhi Xie, Bao-Feng Zhang, Xiao-Qing Wang, Guang-Qiu Shen, De-Zhong Shen (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m1703

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) phthalate dihydrate)

Space Group:	P2/c	***Cell:***	***a***	9.511(3)	***b***	11.496(3)	***c*** 11.528(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β	125.29(0)	γ 90.00

R-Factor (%): 3.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.573



Search: search1 (Thu May 26 10:05:42 2011): Hit 2082

RAKGIU

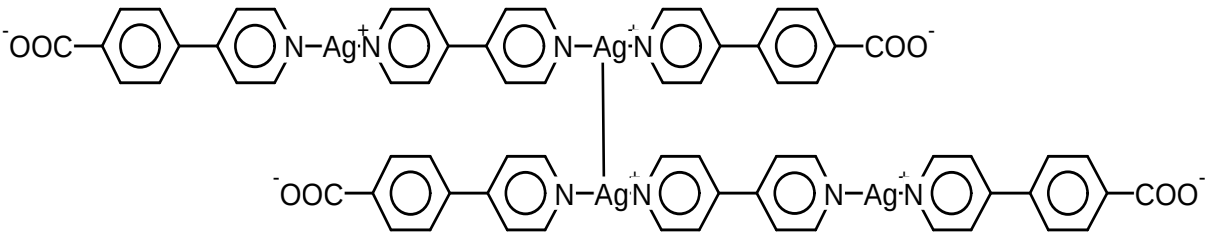
Reference: Guangchuan Ou, Jinzhong Gu, Tongbu Lu, R.L.Luck (2005) *J.Mol.Struct.* ,**740,**143

Formula: $C_{68}\ H_{48}\ Ag_4\ N_8\ O_8$,20($H_2\ O_1$)

Compound Name: bis((μ_2-4,4'-Bipyridyl-N,N')-bis((4-(4-pyridyl)benzoate-N)-silver(i))) icosahydrate

Space Group:	P21/c	***Cell:***	***a***	24.489(9)	***b*** 21.599(8)	***c***	14.989(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.81(0)	γ	90.00

R-Factor (%): 4.75 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.660



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 2083

RAKMOF

Reference: H.Yoshikawa, S.Nishikiori, K.Suwinska, R.Luboradzki, J.Lipkowski (2001) *Chem.Commun.* ,1398

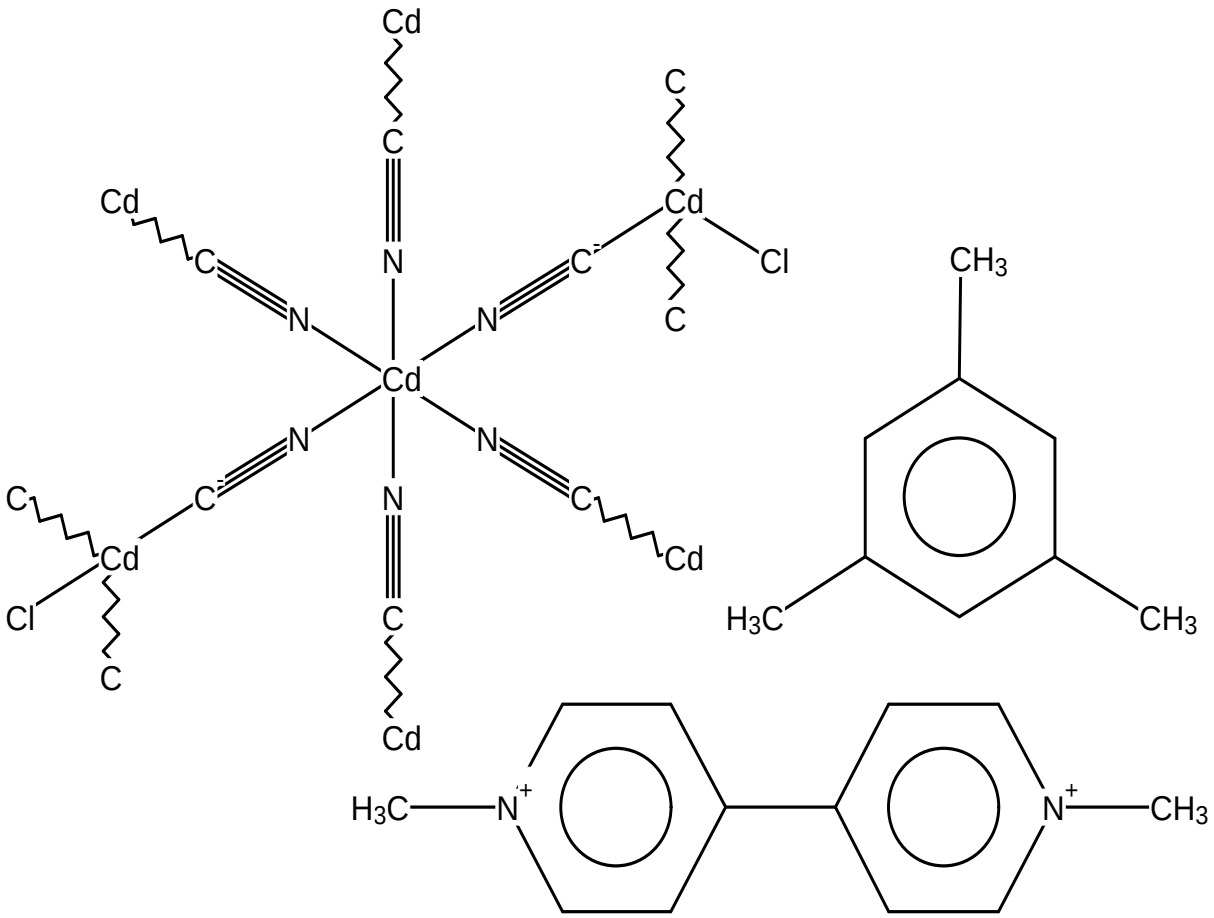
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_6\ Cd_3\ Cl_2\ N_6\ ^{2-}),n(C_9\ H_{12})$

Compound Name: catena-(bis(N,N'-Dimethyl-4,4'-bipyridinium) hexakis(μ_2-cyano)-dichloro-tri-cadmium mesitylene clathrate)

Synonym: catena-(bis(Methylviologen) hexakis(μ_2-cyano)-dichloro-tri-cadmium mesitylene clathrate)

Space Group:	Pnma	***Cell:***	***a***	23.791(0)	***b***	8.854(0)	***c*** 15.552(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.765



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2084

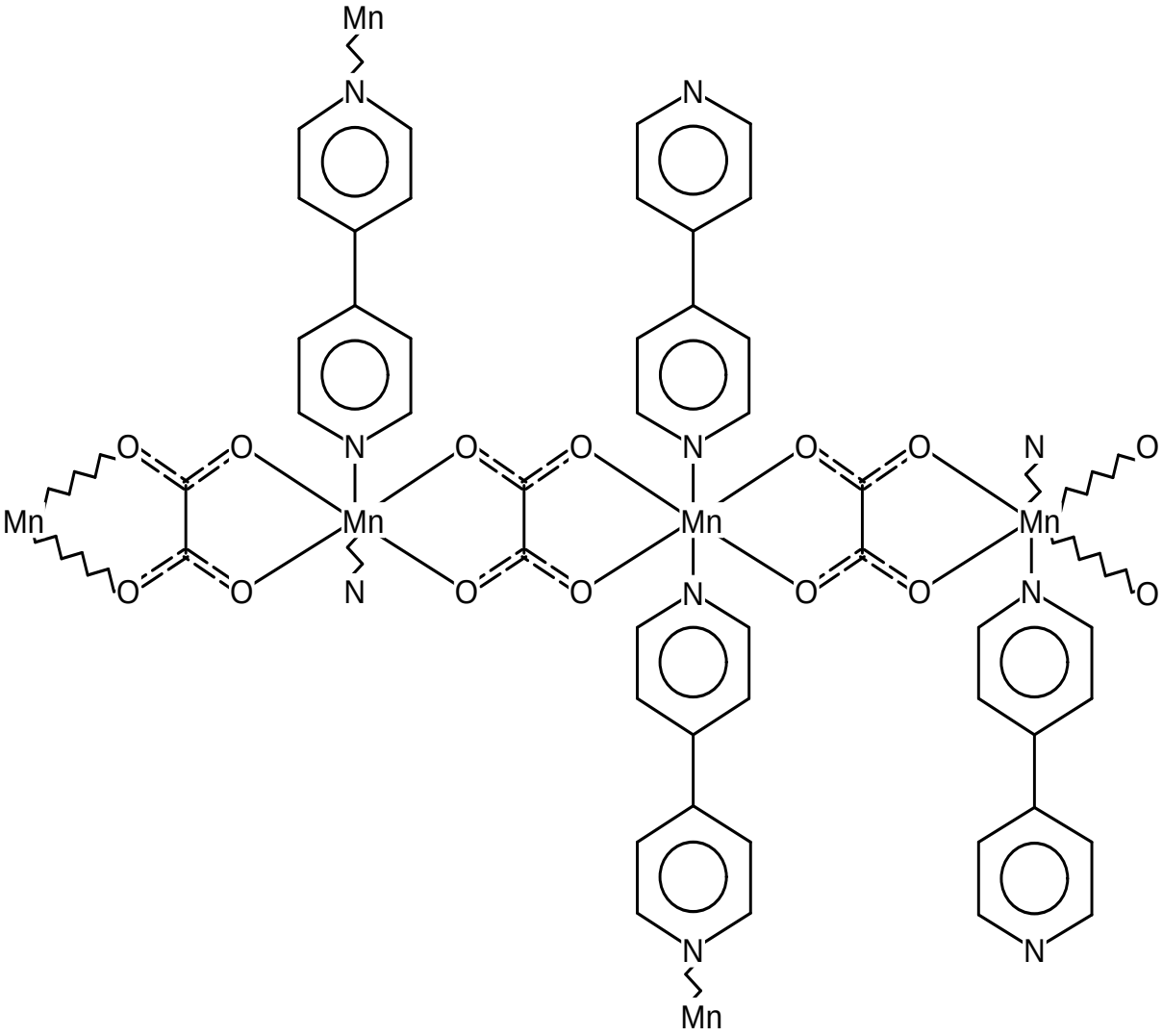
RAPJIC

Reference: Li-Hong Zhu, Ming-Hua Zeng, S.W.Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m916

Formula: $(C_{46}\ H_{32}\ Mn_3\ N_8\ O_{12})n$

Compound Name: catena-(tris(μ_2-Oxalato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridyl-N,N')-bis(4,4'-bipyridyl-N)-tri-manganese(ii))

Space Group:	P21/c	***Cell:***	***a***	16.289(2)	***b***	16.220(2)	***c*** 16.452(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.98(0)	γ 90.00
R-Factor (%):	3.10	***Temperature(K):***	295		***Density(g/cm^3):***	1.616	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2085

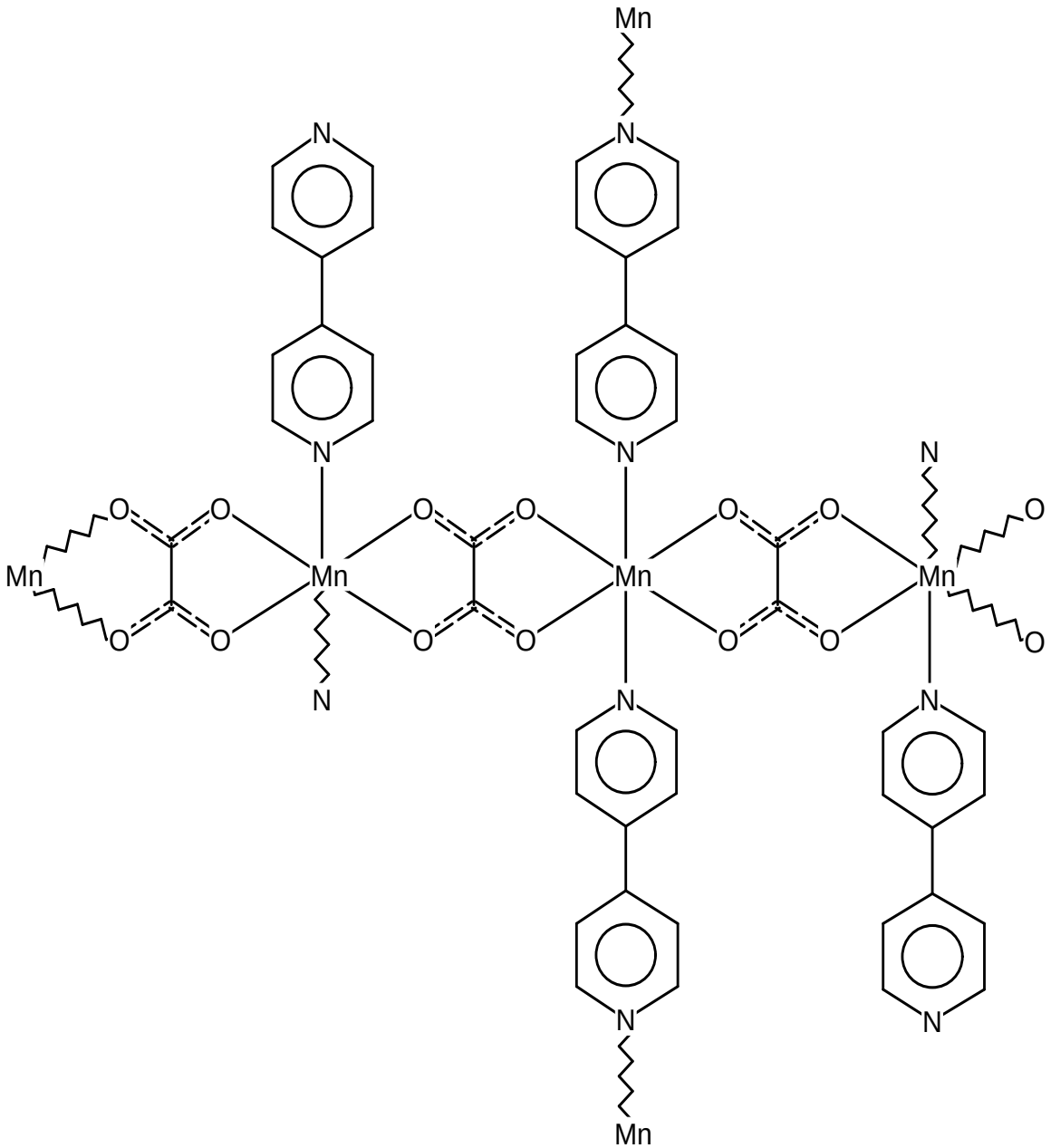
RAPJIC01

Reference: E.Yang, Xiao-Qin Wang, Shun-Yu Chen (2006)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**25,**873

Formula: $(C_{46}\ H_{32}\ Mn_3\ N_8\ O_{12})n$

Compound Name: catena-(tris(μ_2-Oxalato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridyl-N,N')-bis(4,4'-bipyridyl-N)-tri-manganese(ii))

Space Group:	P21/c	***Cell:***	***a***	16.322(0)	***b***	16.259(0)	***c***	16.489(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.99(0)	γ	90.00
R-Factor (%):	5.78	***Temperature(K):***	293		***Density(g/cm^3):***	1.605		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2086

RAPWEL

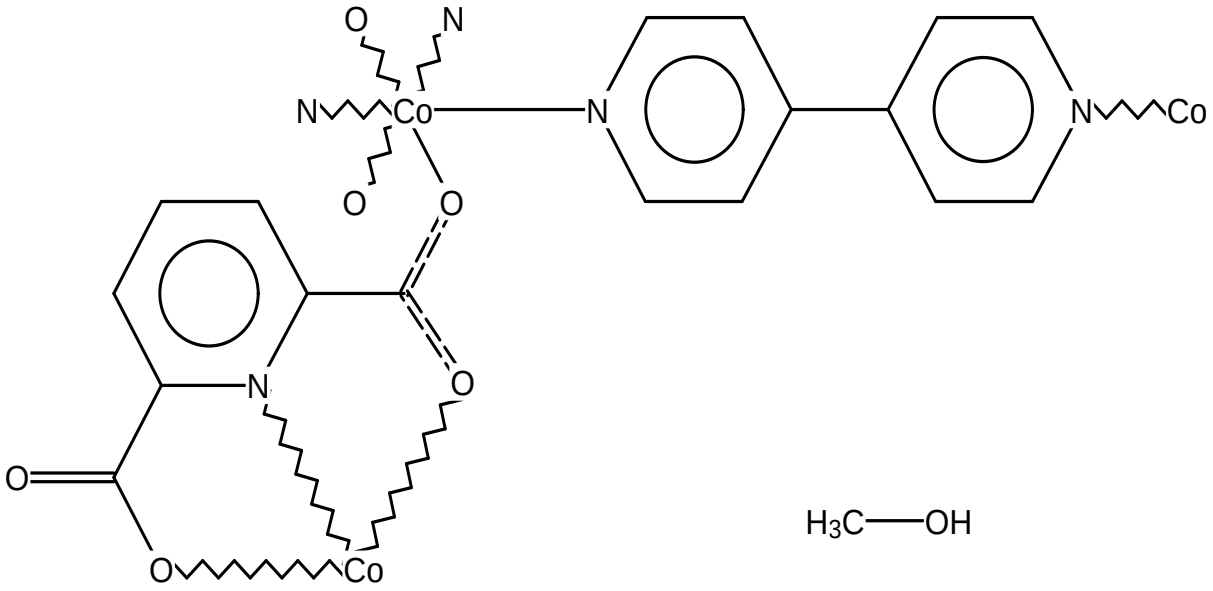
Reference: S.K.Ghosh, J.Ribas, P.K.Bharadwaj (2005)
Cryst.Growth Des. ,**5,**623

Formula: $(C_{17}\ H_{11}\ Co_1\ N_3\ O_4)n,0.5n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-pyridine-2,6-dicarboxylato)-cobalt(ii) methanol solvate)

Space Group:	P21/n	***Cell:***	***a***	11.419(3)	***b***	10.290(2)	***c***	15.695(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.05(0)	γ	90.00

R-Factor (%): 4.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.435



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2087

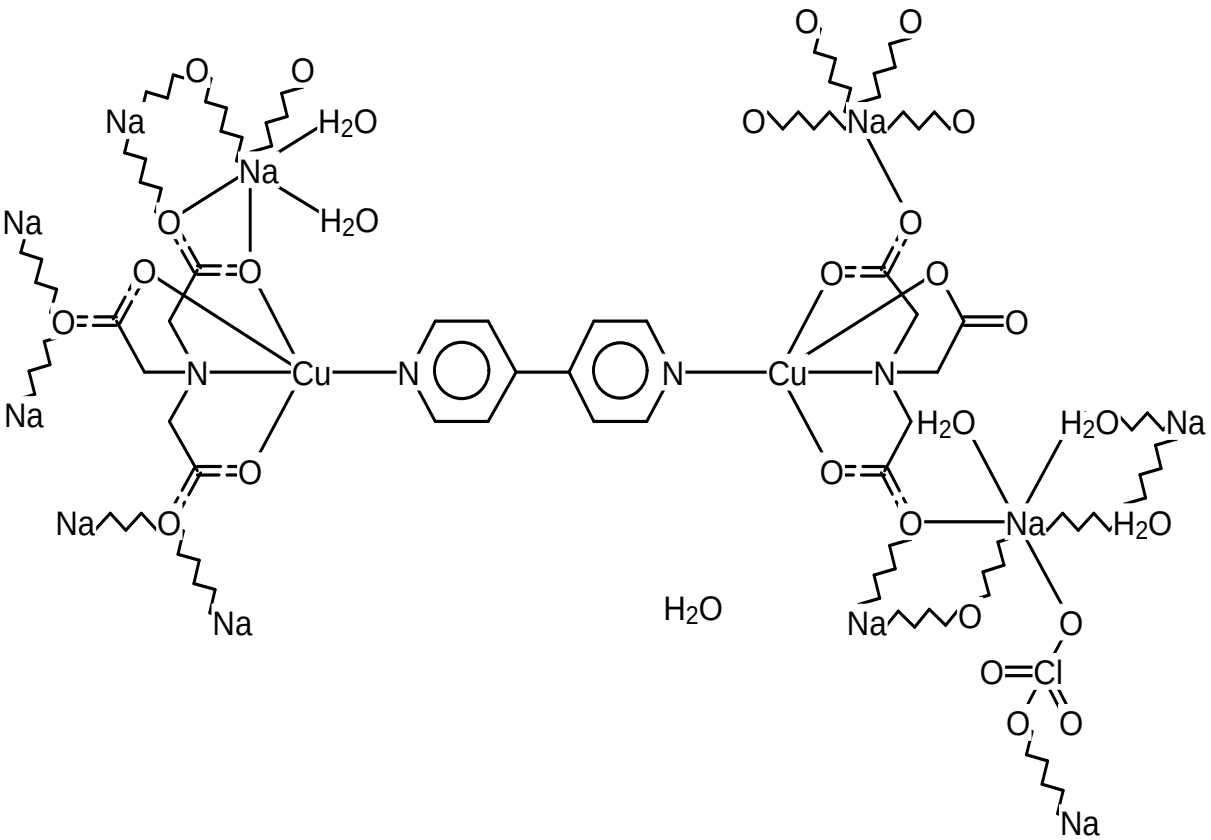
RAQLUR

Reference: Xing-Qiang Lu, Ji-Jun Jiang, Chun-Long Chen, Bei-Sheng Kang, Cheng-Yong Su (2005) *Inorg.Chem.* ,**44,**4515

Formula: $(C_{22}\ H_{28}\ Cl_1\ Cu_2\ N_4\ Na_3\ O_{20})n,n(H_2\ O_1)$

Compound Name: catena-((μ_7-Nitrilotriacetato)-(μ_4-nitrilotriacetato)-(μ_2-aqua)-(μ_2-4,4'-bipyridyl)-(μ_2-perchlorato)-triaqua-di-copper(ii)-tri-sodium monohydrate)

Space Group:	C2/c	***Cell:***	***a***	33.048(5)	***b*** 9.433(1)	***c***	24.010(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.51(0)	γ	90.00
R-Factor (%):	4.36	***Temperature(K):***	293		***Density(g/cm^3):***		1.764



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2088

RAQMAY

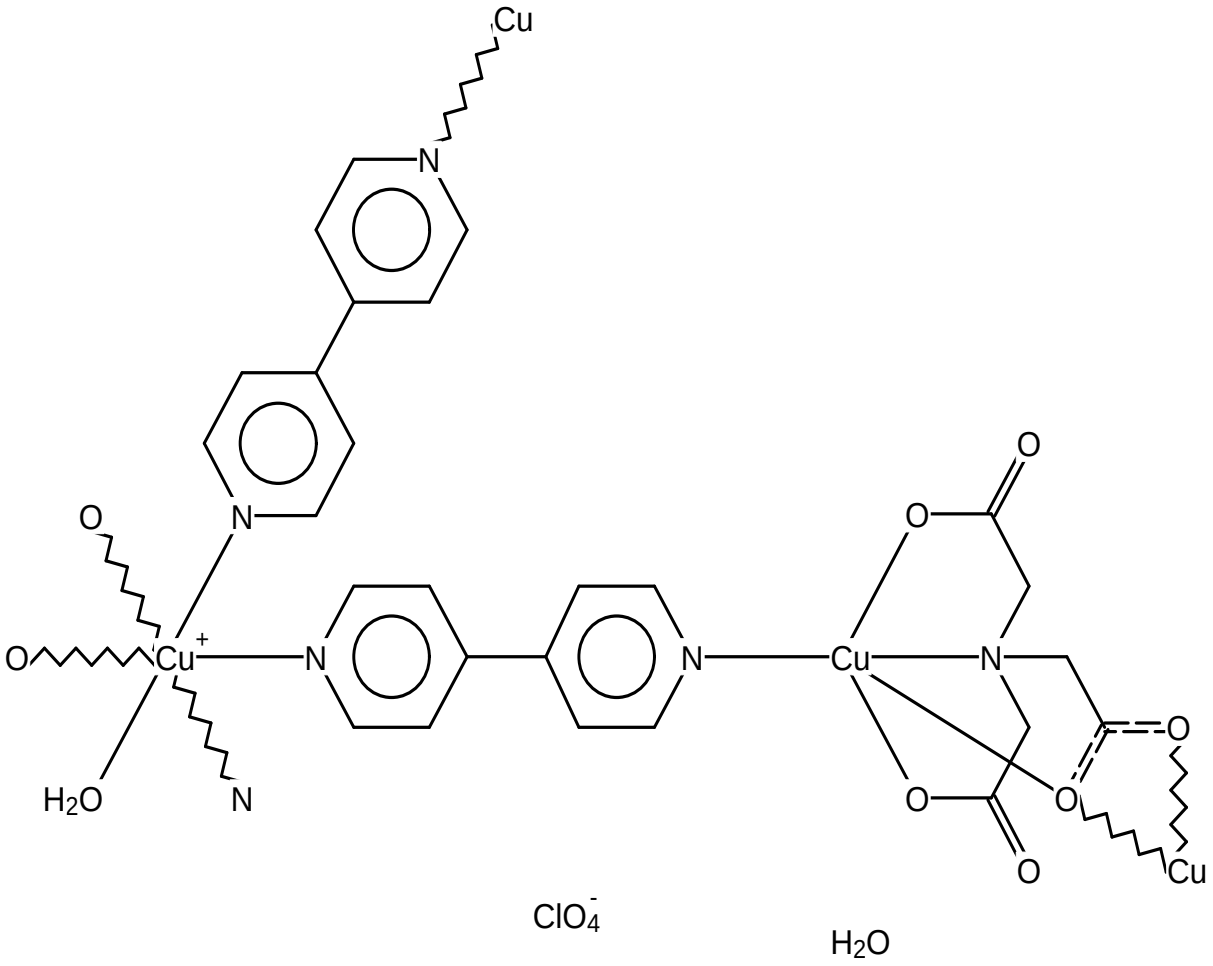
Reference: Xing-Qiang Lu, Ji-Jun Jiang, Chun-Long Chen, Bei-Sheng Kang, Cheng-Yong Su (2005) *Inorg.Chem. ,***44,**4515

Formula: $(C_{26}\ H_{24}\ Cu_2\ N_5\ O_7\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-((μ_2-Nitrilotriacetato)-bis(μ_2-4,4'-bipyridyl)-aqua-di-copper(ii) perchlorate trihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.285(3)	***b*** 18.167(5)	***c***	16.144(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.75(0)	γ	90.00

R-Factor (%): 3.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.675



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2089

RATXEQ

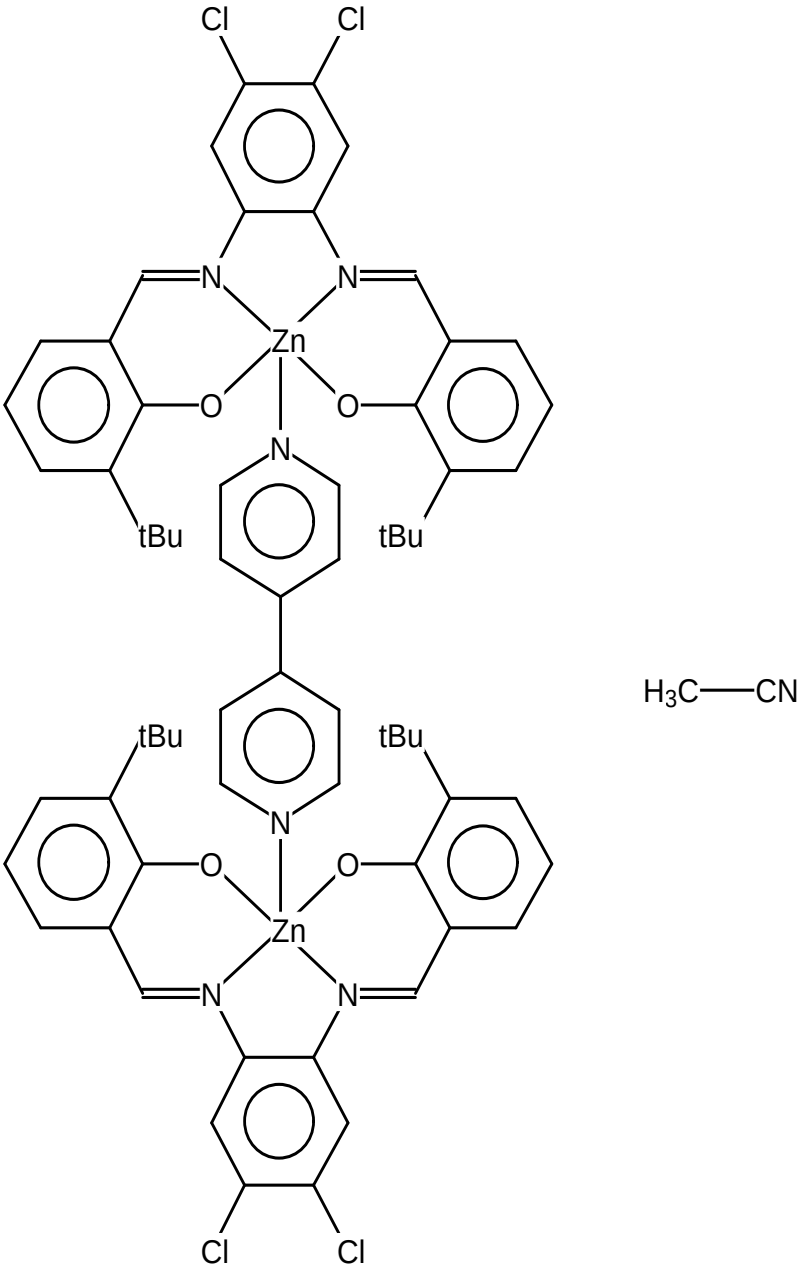
Reference: A.W.Kleij, M.Kuil, D.M.Tooke, M.Lutz, A.L.Spek, J.N.H.Reek (2005) *Chem.-Eur.J.* ,**11,**4743

Formula: $C_{66}\ H_{64}\ Cl_4\ N_6\ O_4\ Zn_2, C_2\ H_3\ N_1$

Compound Name: bis(μ_2-4,4'-Bipyridyl)-bis(4,5-dichloro-1,2-phenylenebis(3-t-butylsalicylideneiminato))-di-zinc(ii) acetonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	49.284(0)	***b*** 13.312(0)	***c***	19.976(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.79(0)	γ	90.00

R-Factor (%): 3.57 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.396



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2090

RATXIU

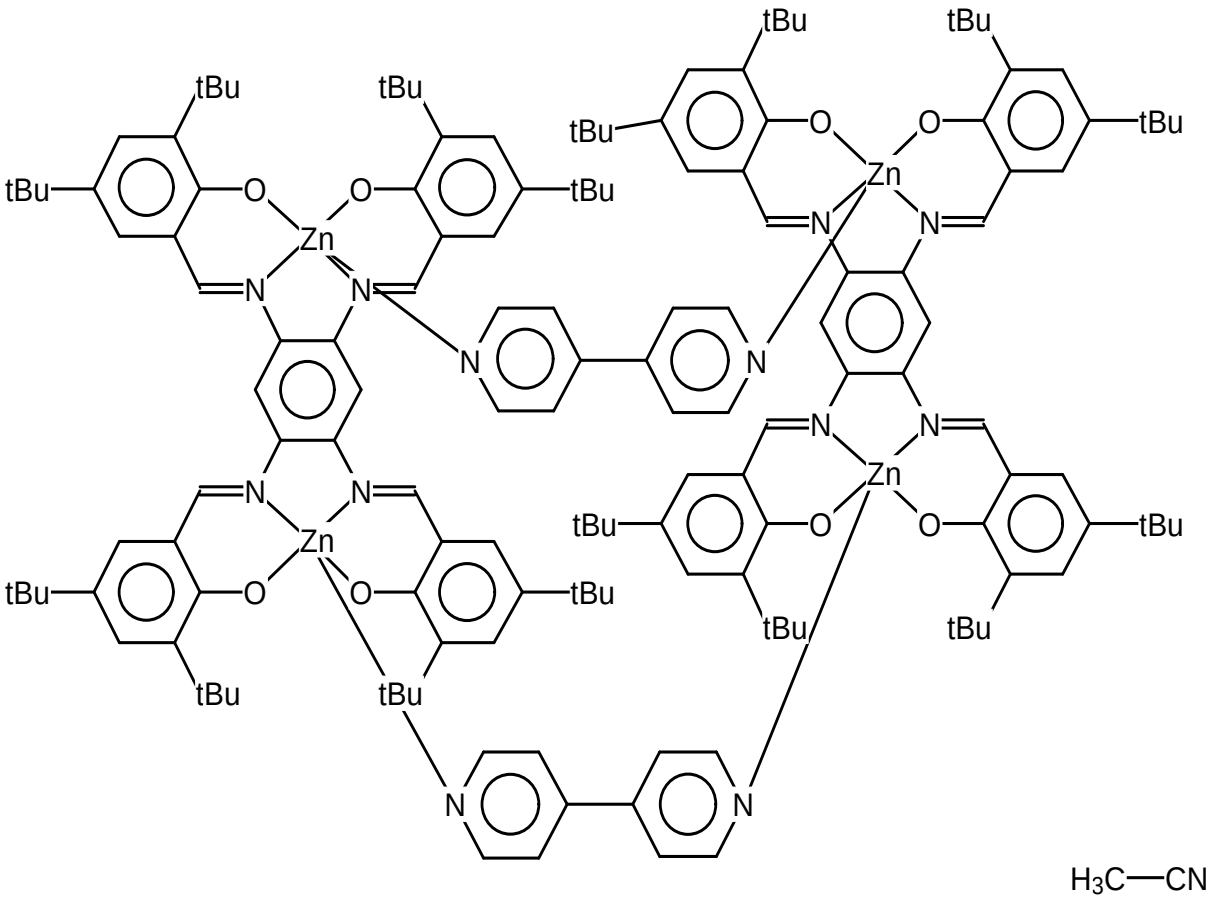
Reference: A.W.Kleij, M.Kuil, D.M.Tooke, M.Lutz, A.L.Spek, J.N.H.Reek (2005) *Chem.-Eur.J.* ,**11,**4743

Formula: $C_{152}\ H_{188}\ N_{12}\ O_8\ Zn_4$,3($C_2\ H_3\ N_1$)

Compound Name: bis(μ_2-Benzene-1,2,4,5-tetrayltetrakis(3,5-di-t-butylsalicylideneiminato))-bis(μ_2-4,4'-bipyridyl)-tetra-zinc(ii) acetonitrile solvate

Space Group:	P21/c	***Cell:***	***a***	17.599(0)	***b***	13.076(0)	***c***	40.238(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.43(0)	γ	90.00

R-Factor (%): 5.19 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 0.975



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2091

RAXMEJ

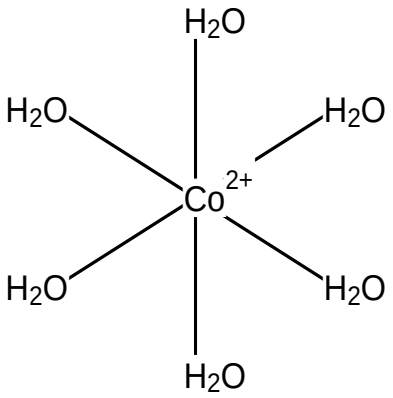
Reference: S.A.Bourne, L.J.Moitsheki (2005) *CrystEngComm* ,**7,**674

Formula: $2(C_{10}\ H_8\ N_2\ O_2),H_{12}\ Co_1\ O_6\ ^{2+},2(Br_1\ ^{1-}),2(H_2\ O_1)$

Compound Name: bis(4,4'-bipyridine-N,N'-dioxide) hexa-aqua-cobalt(ii) dibromide dihydrate

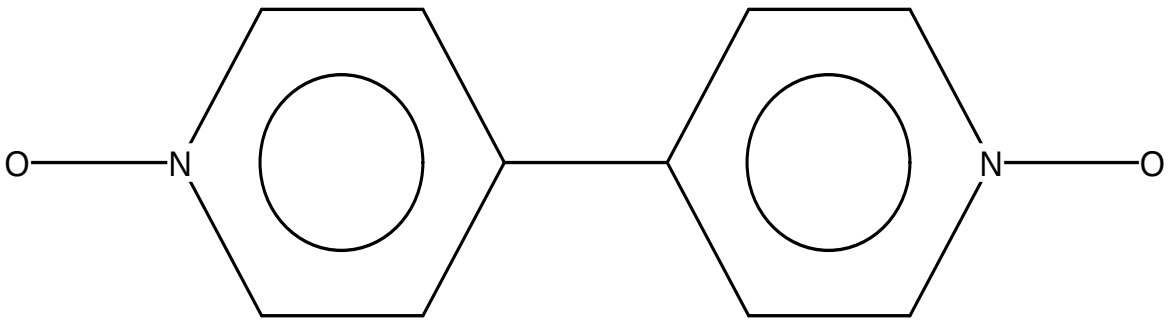
Space Group:	P21/c	***Cell:***	***a***	10.373(0)	***b***	6.633(0)	***c***	20.095(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.34(0)	γ	90.00

R-Factor (%): 4.39 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.781



Br^-

H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2092

RAXMIN

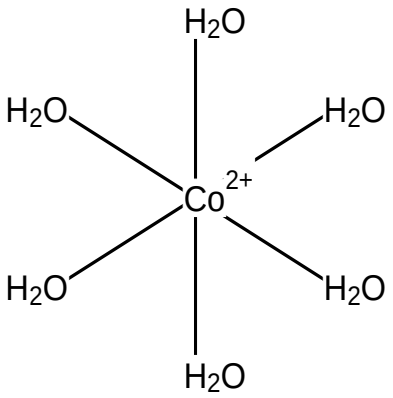
Reference: S.A.Bourne, L.J.Moitsheki (2005) *CrystEngComm* ,**7,**674

Formula: $2(C_{10}\ H_8\ N_2\ O_2),H_{12}\ Co_1\ O_6\ ^{2+},2(Cl_1\ ^{1-}),2(H_2\ O_1)$

Compound Name: bis(4,4'-bipyridine-N,N'-dioxide) hexa-aqua-cobalt(ii) dichloride dihydrate

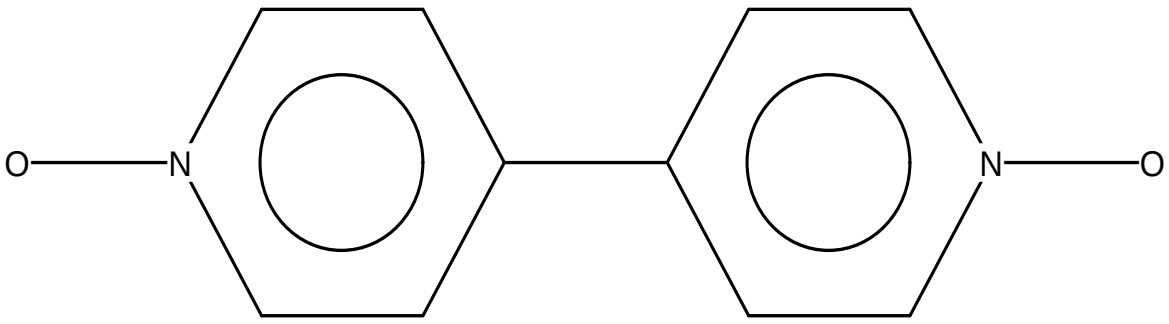
Space Group:	P-1	***Cell:***	***a***	6.733(0)	***b***	10.284(0)	***c***	10.658(0)
Space Group No.:	2	***(Å,°)***	α	85.20(0)	β	70.02(0)	γ	91.10(0)

R-Factor (%): 10.55 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.565



Cl^-

H_2O



Search: search1 (Thu May 26 10:05:42 2011): Hit 2093

RAXMOT

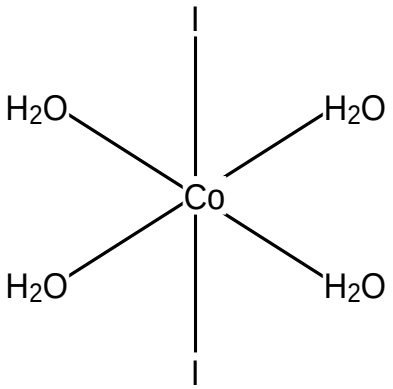
Reference: S.A.Bourne, L.J.Moitsheki (2005) *CrystEngComm* ,**7,**674

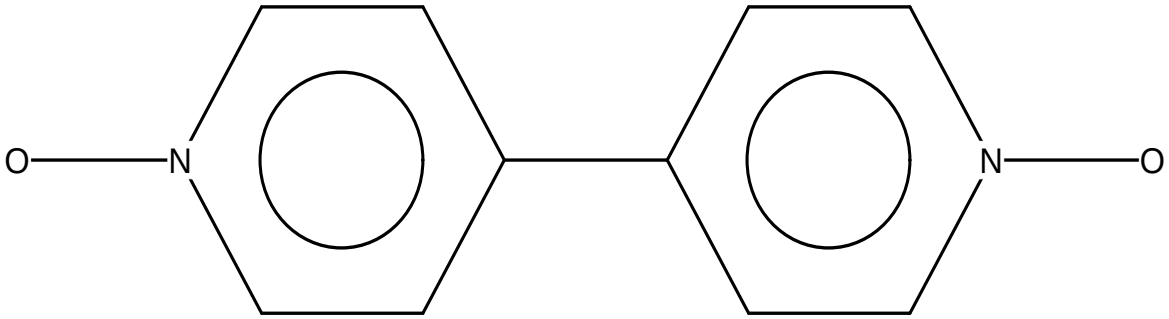
Formula: $2(C_{10}\ H_8\ N_2\ O_2),H_8\ Co_1\ I_2\ O_4$

Compound Name: bis(4,4'-bipyridine-N,N'-dioxide) trans-tetra-aqua-di-iodo-cobalt(ii)

Space Group:	I41/acd	***Cell:***	***a***	19.149(3)	***b***	19.149(3)	***c***	13.917(3)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.86 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.981





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2094

RAXMUZ

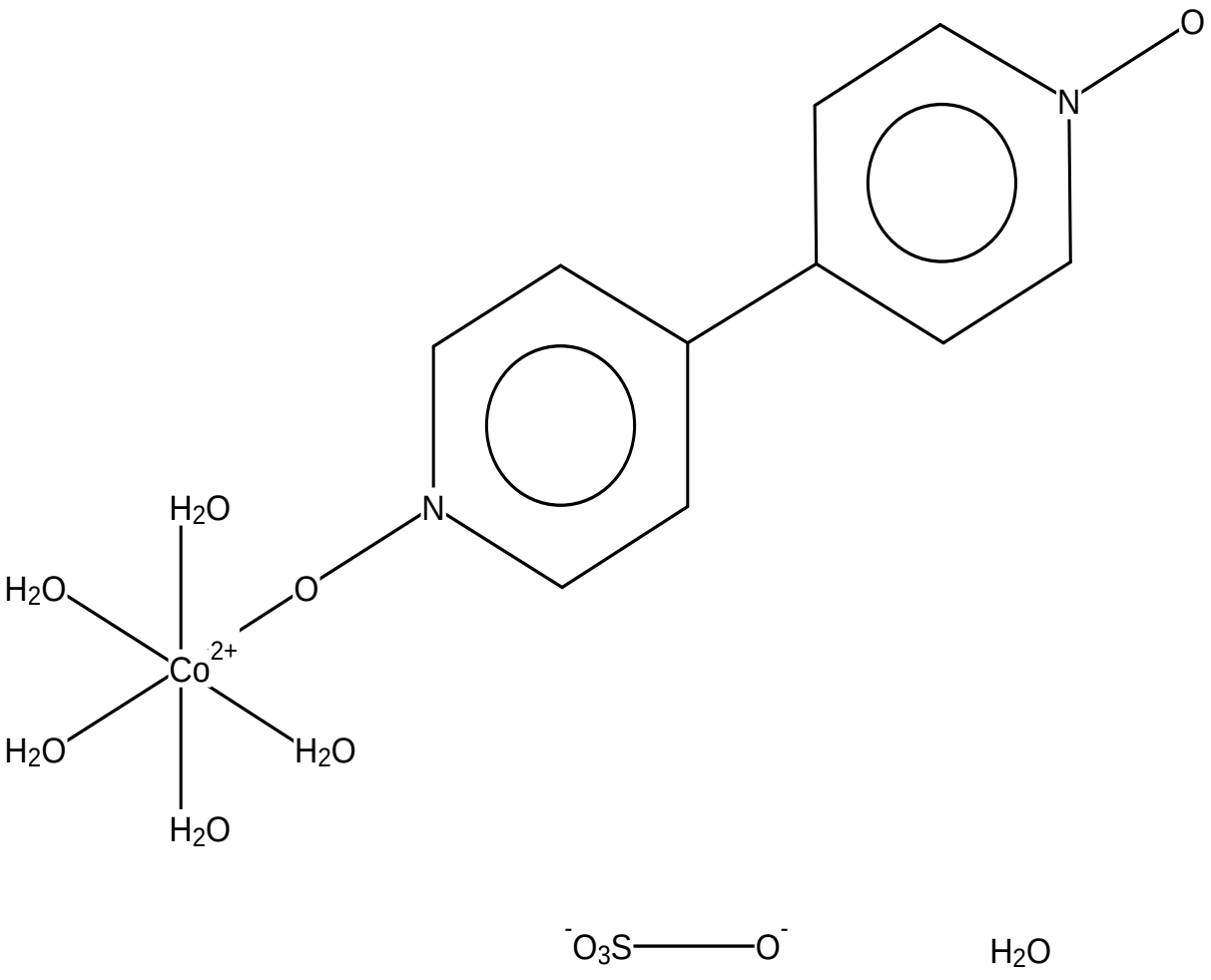
Reference: S.A.Bourne, L.J.Moitsheki (2005) *CrystEngComm* ,**7,**674

Formula: $C_{10}\ H_{18}\ Co_1\ N_2\ O_7^{2+},O_4\ S_1^{2-},2(H_2\ O_1)$

Compound Name: (4,4'-bipyridine-N,N'-dioxide-O)-penta-aqua-cobalt(ii) sulfate dihydrate

Space Group:	P21/n	***Cell:***	***a***	7.122(1)	***b***	25.319(5)	***c***	10.241(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.14(3)	γ	90.00

R-Factor (%): 3.69 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.690



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2095

RAXMUZ01

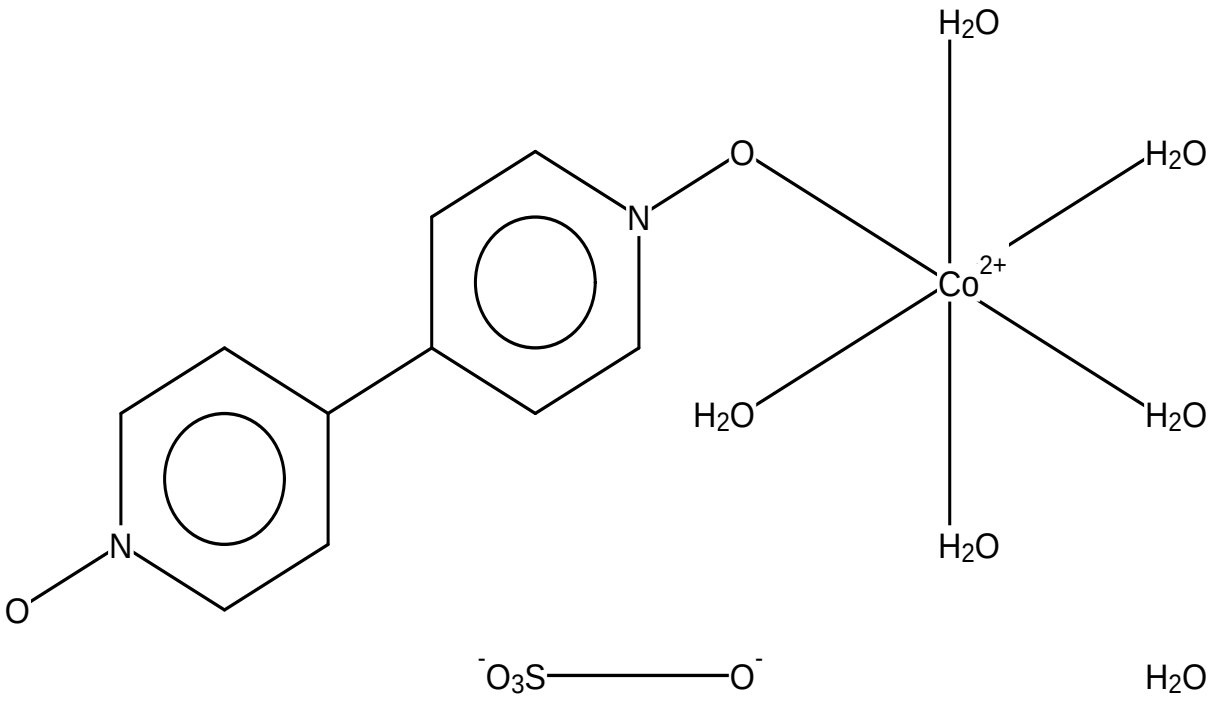
Reference: D.G.Mantero, A.Neels, H.Stoeckli-Evans (2006)
*Inorg.Chem. ,***45,**3287

Formula: $C_{10}\ H_{18}\ Co_1\ N_2\ O_7^{2+},O_4\ S_1^{2-},2(H_2\ O_1)$

Compound Name: penta-aqua-(4,4'-bipyridine-N,N'-dioxide-O)-cobalt(ii) sulfate dihydrate

Space Group:	P21/n	***Cell:***	***a***	7.137(1)	***b***	25.432(2)	***c***	10.226(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.59(1)	γ	90.00

R-Factor (%):	3.32	***Temperature(K):***	253	***Density(g/cm^3):***	1.681



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2096

RAZCAX

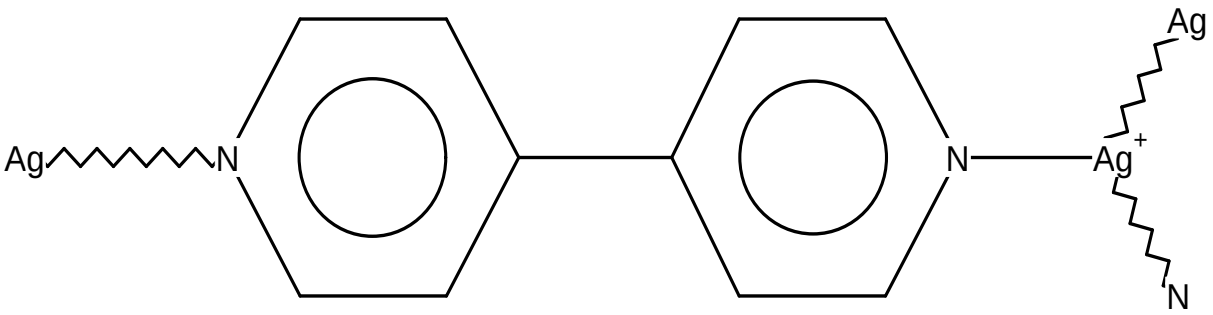
Reference: G.A.Bowmaker, Effendy, K.C.Lim, B.W.Skelton, D.Sukarianingsih, A.H.White (2005) *Inorg.Chim.Acta* ,**358,**4342

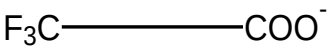
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_2\ F_3\ O_2\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-bipyridyl)-silver(i) trifluoroacetate)

Space Group:	Pbcn	***Cell:***	***a***	16.728(3)	***b***	11.421(2)	***c***	13.536(3)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.10 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.937





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2097

RAZSUH

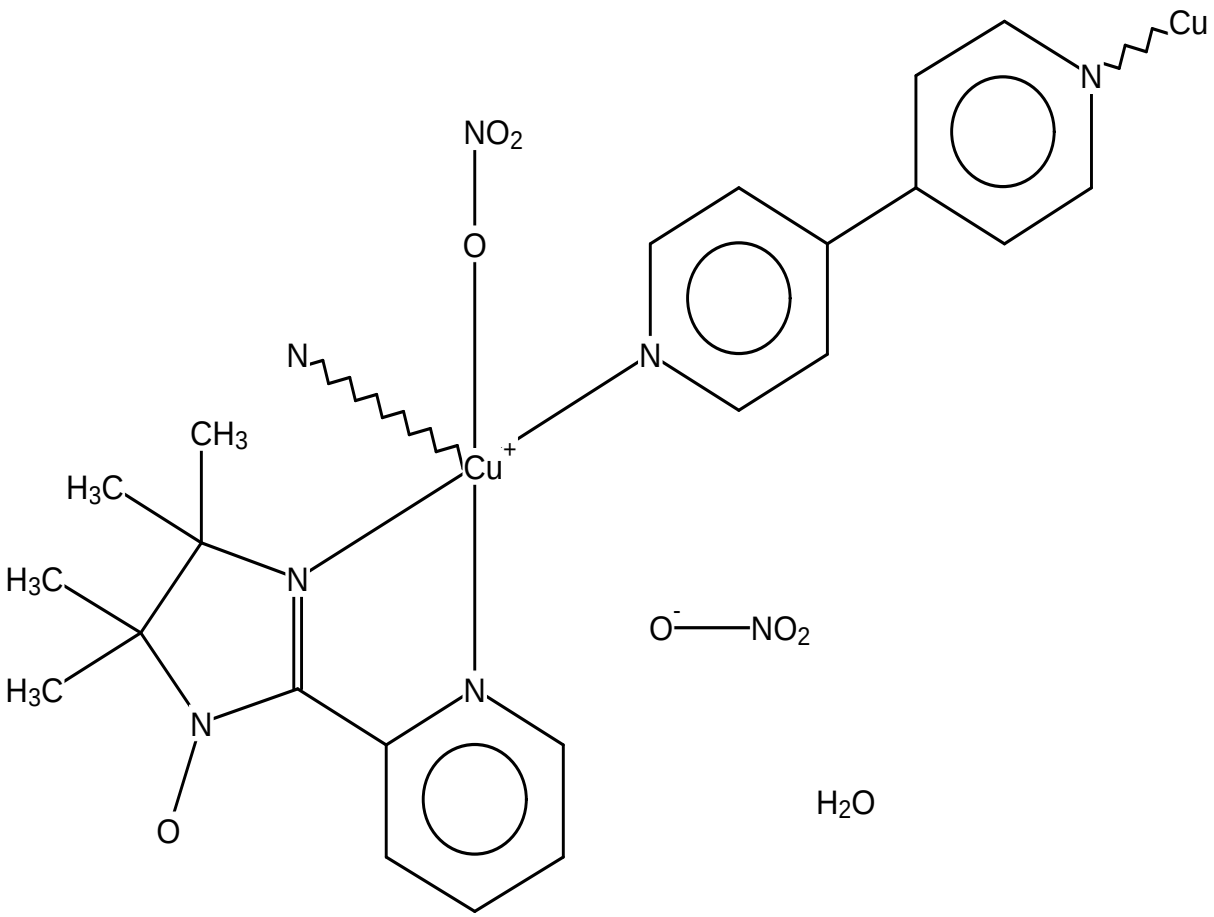
Reference: Yun-He Xu, Xu-Da Wang, Xue-Yan Song, Li-Cun Li (2005) *J.Coord.Chem.* ,**58,**1713

Formula: $(C_{22}\ H_{24}\ Cu_1\ N_6\ O_4\ ^{1+})n,n(N_1\ O_3\ ^{1-}),1.5n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-nitrato-(4,4,5,5-tetramethyl-2-(2-pyridyl) imidazoline-1-oxyl)-copper(ii) nitrate sesquihydrate]

Space Group:	P21/c	***Cell:***	***a***	13.645(4)	***b***	13.683(4)	***c***	17.964(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.65(0)	γ	90.00

R-Factor (%):	7.18	***Temperature(K):***	298	***Density(g/cm^3):***	2.333



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2098

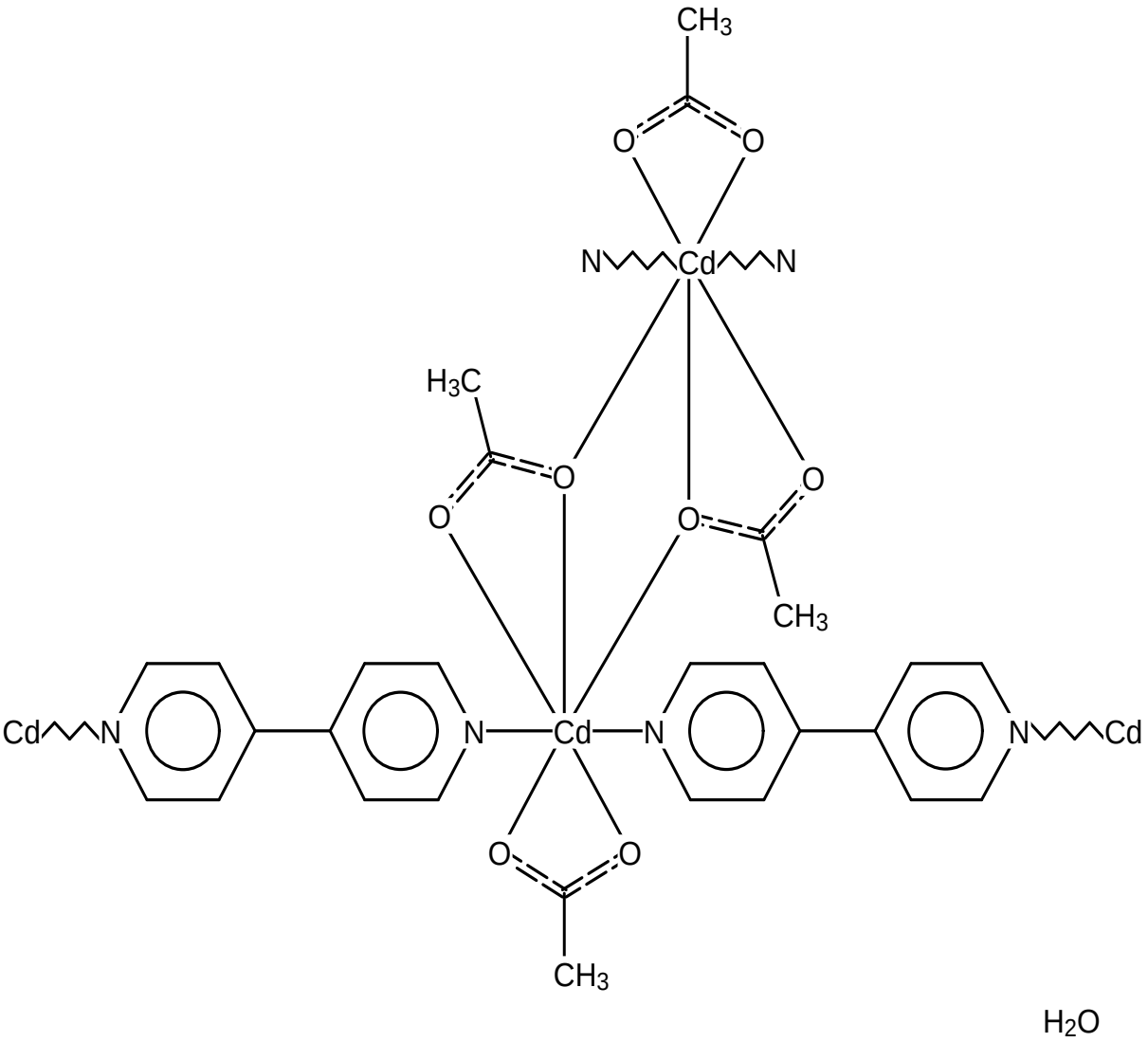
REBJEO

Reference: Jian Fang, Jinyu Han, Heying Chang, Yang Dong (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m210

Formula: $(C_{28}\ H_{28}\ Cd_2\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-bis(μ_2-4,4'-bipyridine-N,N')-bis((acetato-O,O')-cadmium(ii)) monohydrate)

Space Group:	C2/c	***Cell:***	***a*** 13.507(1)	***b*** 11.839(1)	***c*** 19.570(2)
Space Group No.:	15	***(Å,°)***	α 90.00	β 91.59(0)	γ 90.00
R-Factor (%):	2.63	***Temperature(K):***	294	***Density(g/cm^3):***	1.680



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2099

REFFOX

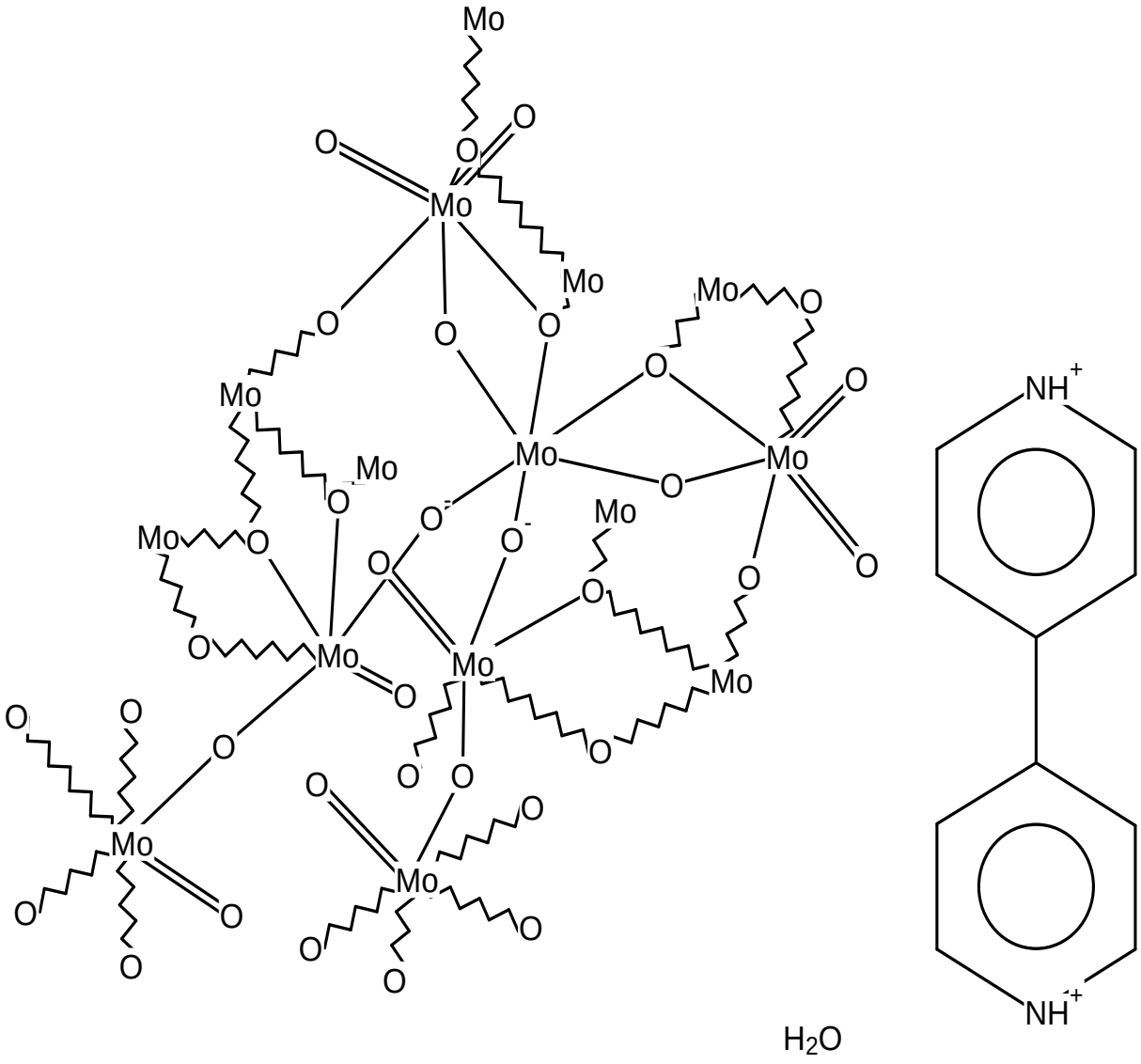
Reference: P.J.Zapf, R.C.Haushalter, J.Zubieta (1997)
Chem.Commun. ,321

Formula: $(Mo_7\ O_{22}\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium docosaoxoheptamolybdate monohydrate)

Space Group:	P2/n	***Cell:***	***a***	12.219(2)	***b***	5.532(1)	***c*** 18.322(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β	103.28(3)	γ 90.00

R-Factor (%):	3.16	***Temperature(K):***	253	***Density(g/cm^3):***	3.306



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2100

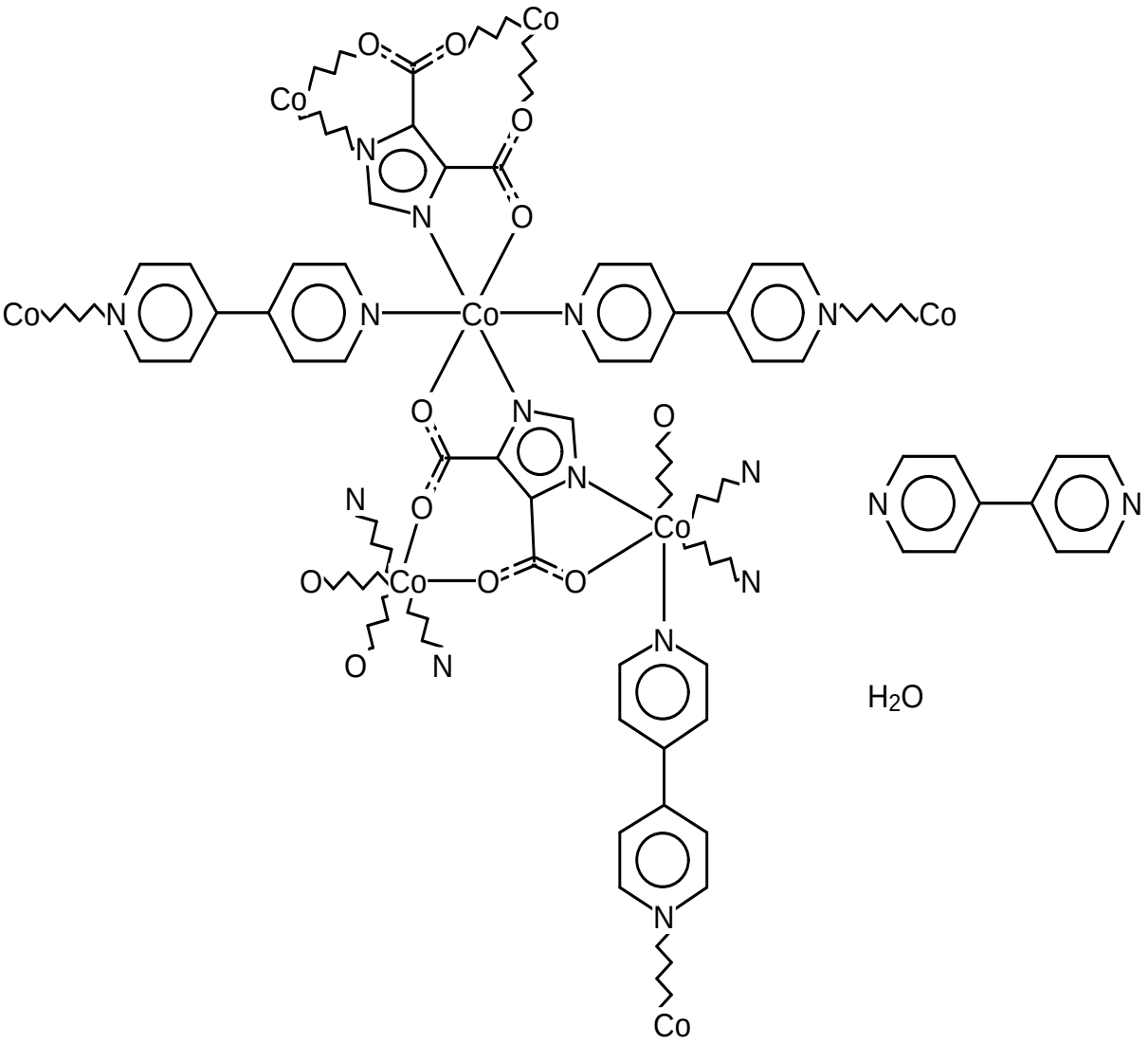
REJLEY

Reference: Cui-Jin Li, Sheng Hu, Wei Li, Chi-Keung Lam, Yan-Zhen Zheng, Ming-Liang Tong (2006) *Eur.J.Inorg.Chem.* ,1931

Formula: $(C_{40}\ H_{26}\ Co_3\ N_{10}\ O_8)n,n(C_{10}\ H_8\ N_2),8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Imidazole-4,5-dicarboxylato)-tris(μ_2-4,4'-bipyridine)-tri-cobalt(ii) 4,4'-bipyridine octahydrate)

Space Group:	P-1	***Cell:***	***a***	11.448(1)	***b***	11.541(1)	***c***	11.766(1)
Space Group No.:	2	***(Å,°)***	α	65.37(0)	β	80.54(0)	γ	72.76(0)
R-Factor (%):	5.80	***Temperature(K):***	123	***Density(g/cm^3):***	1.542			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2101

REJVUX

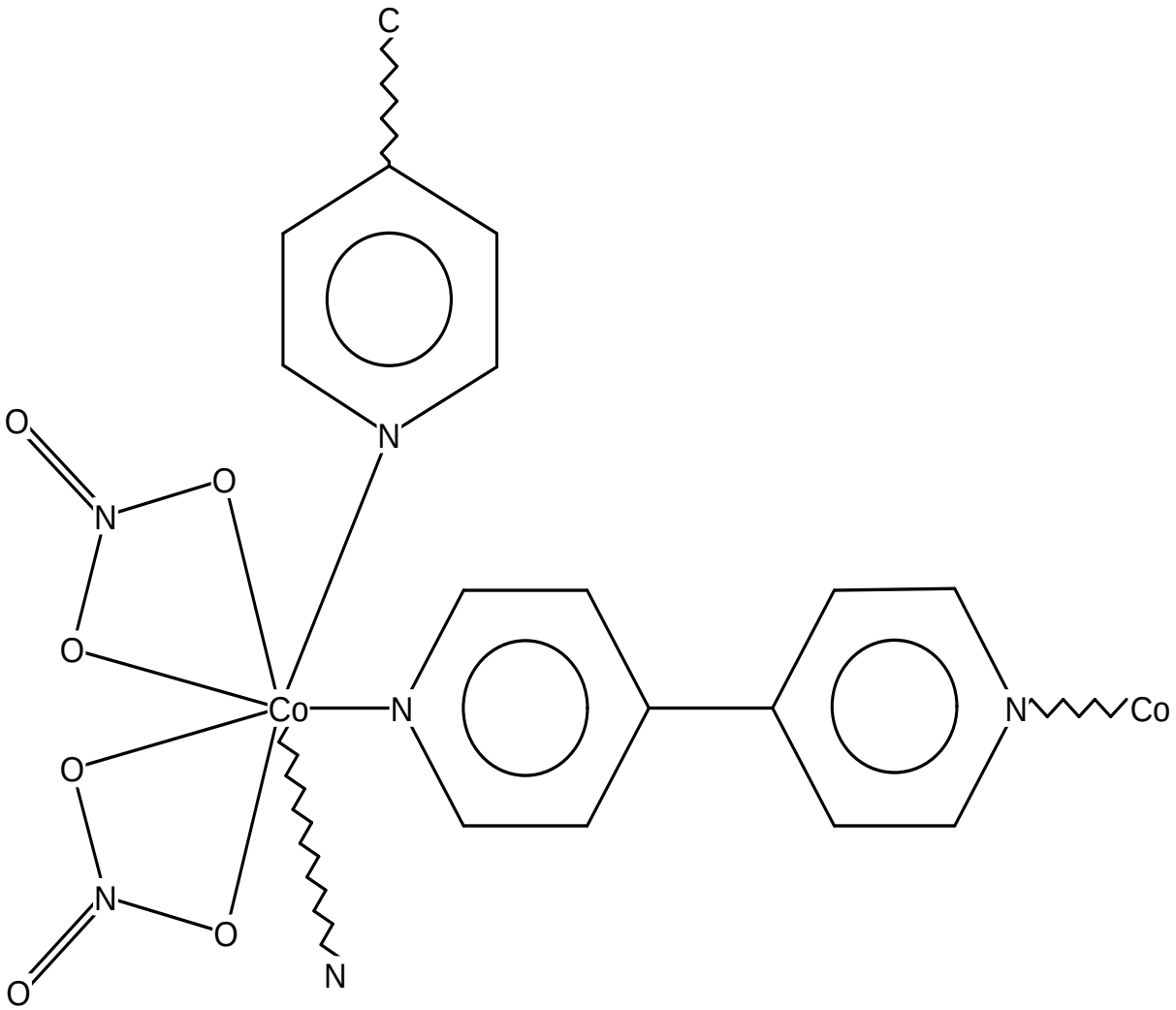
Reference: P.Losier, M.J.Zaworotko (1996) *Angew.Chem.,Int.Ed. ,***35,** 2779

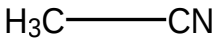
Formula: $(C_{15}\ H_{12}\ Co_1\ N_5\ O_6)n,n(C_2\ H_3\ N_1)$

Compound Name: catena((μ$_2$-4,4'-Bipyridine)-bis(nitrato-O,O')-cobalt(ii) acetonitrile clathrate)

Space Group:	Fddd	***Cell:***	***a***	11.368(1)	***b***	20.767(3)	***c***	34.585(4)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.491





Search: search1 (Thu May 26 10:05:42 2011): Hit 2102

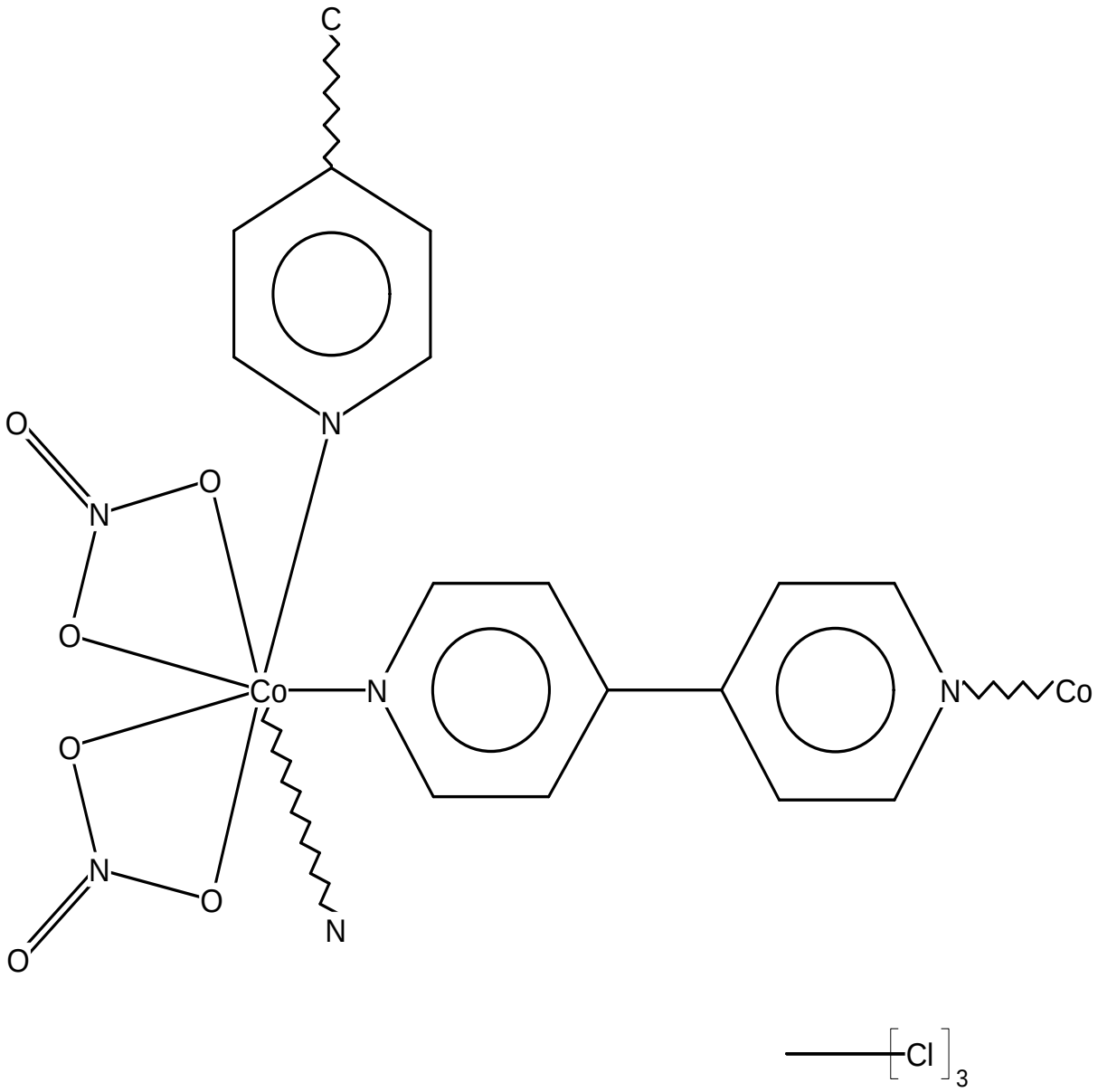
REJWAE

Reference: P.Losier, M.J.Zaworotko (1996) *Angew.Chem.,Int.Ed. ,***35,** 2779

Formula: $(C_{15}\ H_{12}\ Co_1\ N_5\ O_6)n,2n(C_1\ H_1\ Cl_3)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(nitrato-O,O')-cobalt(ii) chloroform clathrate)

Space Group:	P-1	***Cell:***	***a*** 11.290(0)	***b*** 11.378(1)	***c*** 11.836(1)
Space Group No.:	2	***(Å,°)***	α 116.18(1)	β 102.61(0)	γ 94.91(1)
R-Factor (%):	5.50	***Temperature(K):***	295	***Density(g/cm^3):***	1.673



Search: search1 (Thu May 26 10:05:42 2011): Hit 2103

REKCAM

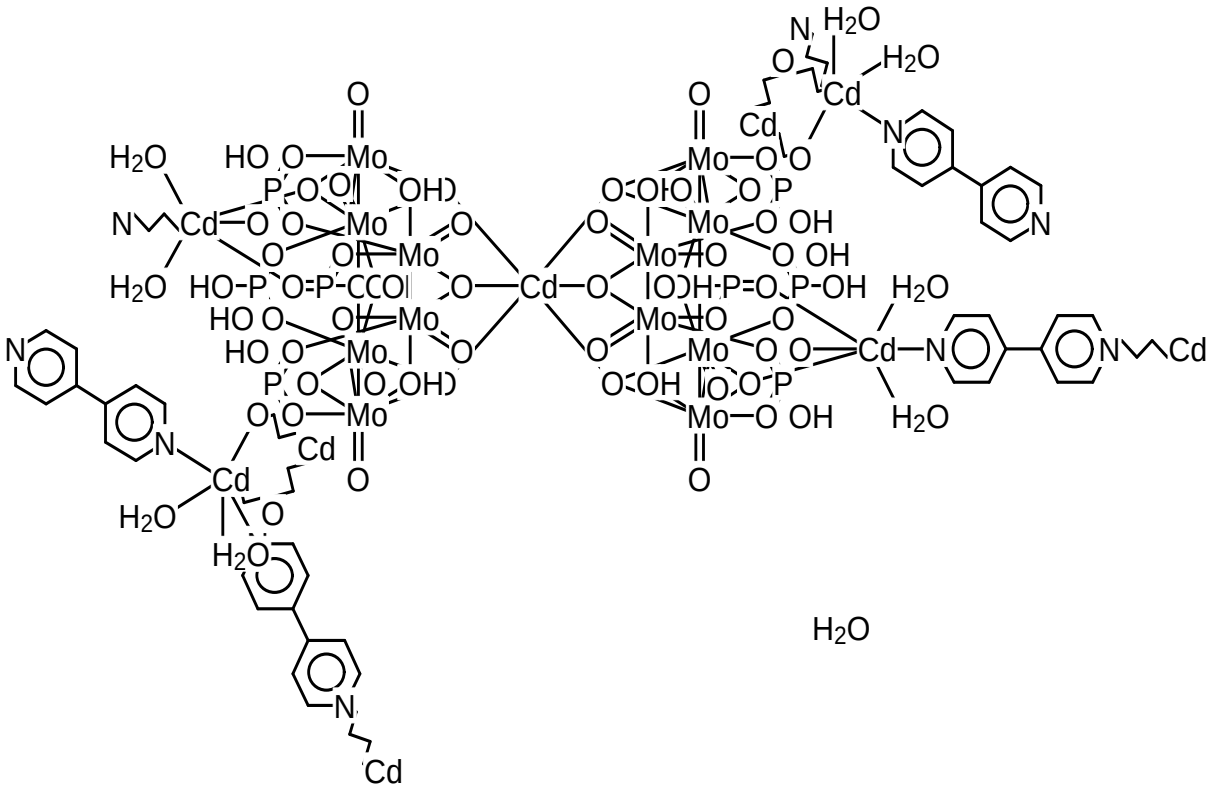
Reference: Ying Ma, Yangguang Li, Enbo Wang, Ying Lu, Xinlong Wang, Xinxin Xu (2006) *J.Solid State Chem. ,***179,**2367

Formula: $(C_{40}\ H_{62}\ Cd_5\ Mo_{12}\ N_8\ O_{70}\ P_8)n,7n(H_2\ O_1)$

Compound Name: catena-(bis(μ_7-Phosphato)-bis(μ_4-hydrogen phosphato)-bis(μ_3-hydrogen phosphato)-octakis(μ_3-oxo)-bis(μ_2-dihydrogen phosphato)-bis(μ_2-4,4'-bipyridine)-hexakis(μ_2-hydroxo)-tetrakis(μ_2-oxo)-bis(4,4'-bipyridine)-octa-aqua-dodecaoxo-penta-cadmium(ii)-dodeca-molybdenum(v) heptahydrate)

Space Group:	P-1	***Cell:***	***a***	13.614(3)	***b***	14.051(3)	***c***	14.804(3)
Space Group No.:	2	***(Å,°)***	α	104.62(3)	β	108.44(3)	γ	105.08(3)

R-Factor (%): 3.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.656



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2104

REKCEQ

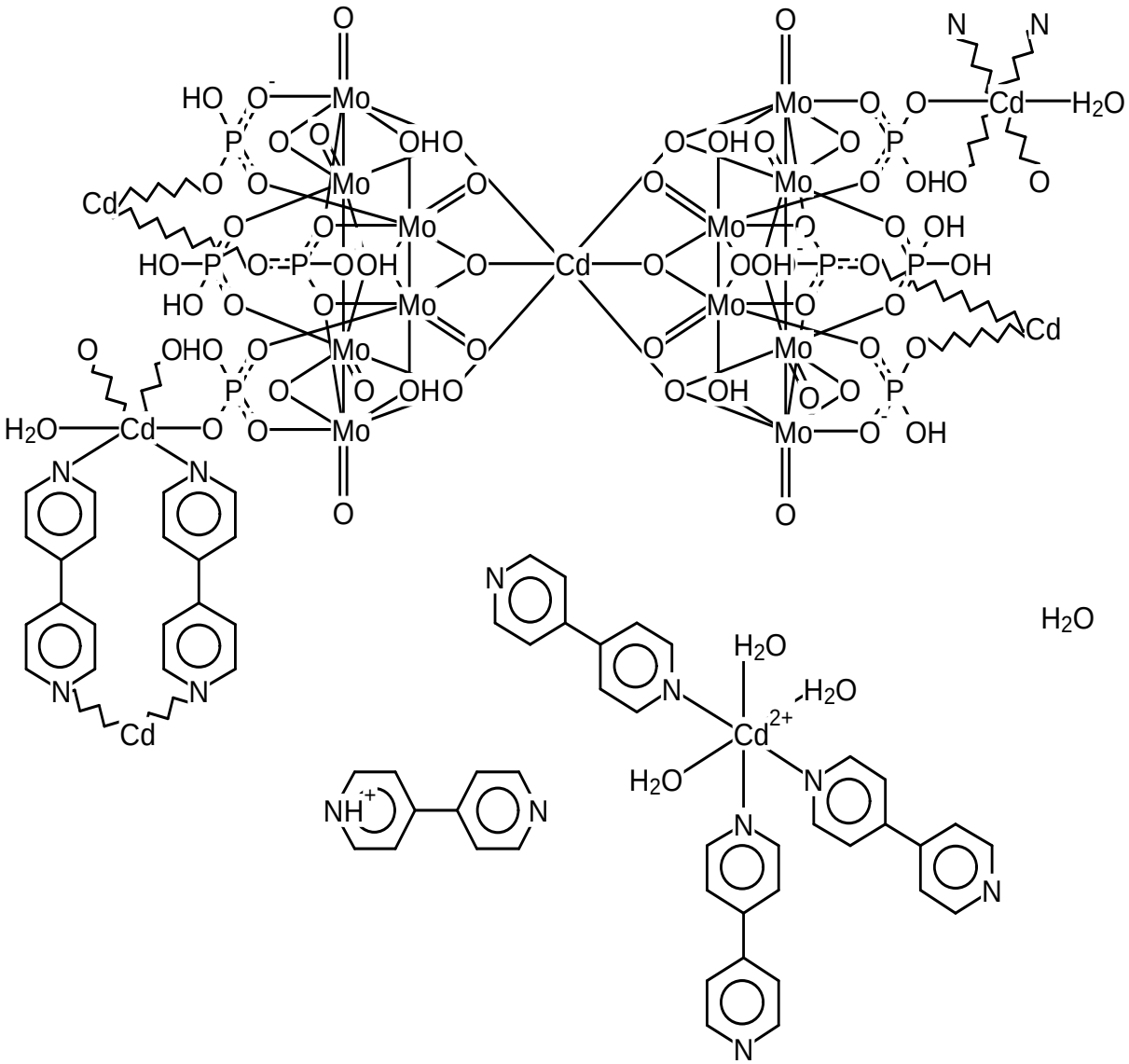
Reference: Ying Ma, Yangguang Li, Enbo Wang, Ying Lu, Xinlong Wang, Xinxin Xu (2006) *J.Solid State Chem. ,***179,**2367

Formula: $(C_{20}\ H_{34}\ Cd_3\ Mo_{12}\ N_4\ O_{64}\ P_8\ ^{4-})n,n(C_{30}\ H_{30}\ Cd_1\ N_6\ O_3\ ^{2+}),2n(C_{10}\ H_9\ N_2\ ^{1+}),n(H_2\ O_1$

Compound Name: catena-(bis(4,4'-Bipyridinium) triaqua-tris(4,4'-bipyridine)-cadmium(ii) bis(μ_7-phosphato)-tetrakis(μ_3-hydrogen phosphato)-hexakis(μ_3-oxo)-bis(μ_2-dihydrogen phosphato)-bis(μ_2-4,4'-bipyridine)-hexakis(μ_2-hydroxo)-hexakis(μ_2-oxo)-diaqua-dodecaoxo-tri-cadmium(ii)-dodeca-molybdenum(v) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	28.525(6)	***b*** 16.354(3)	***c***	24.075(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.24(3)	γ	90.00

R-Factor (%): 7.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.439



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2105

REKZEN

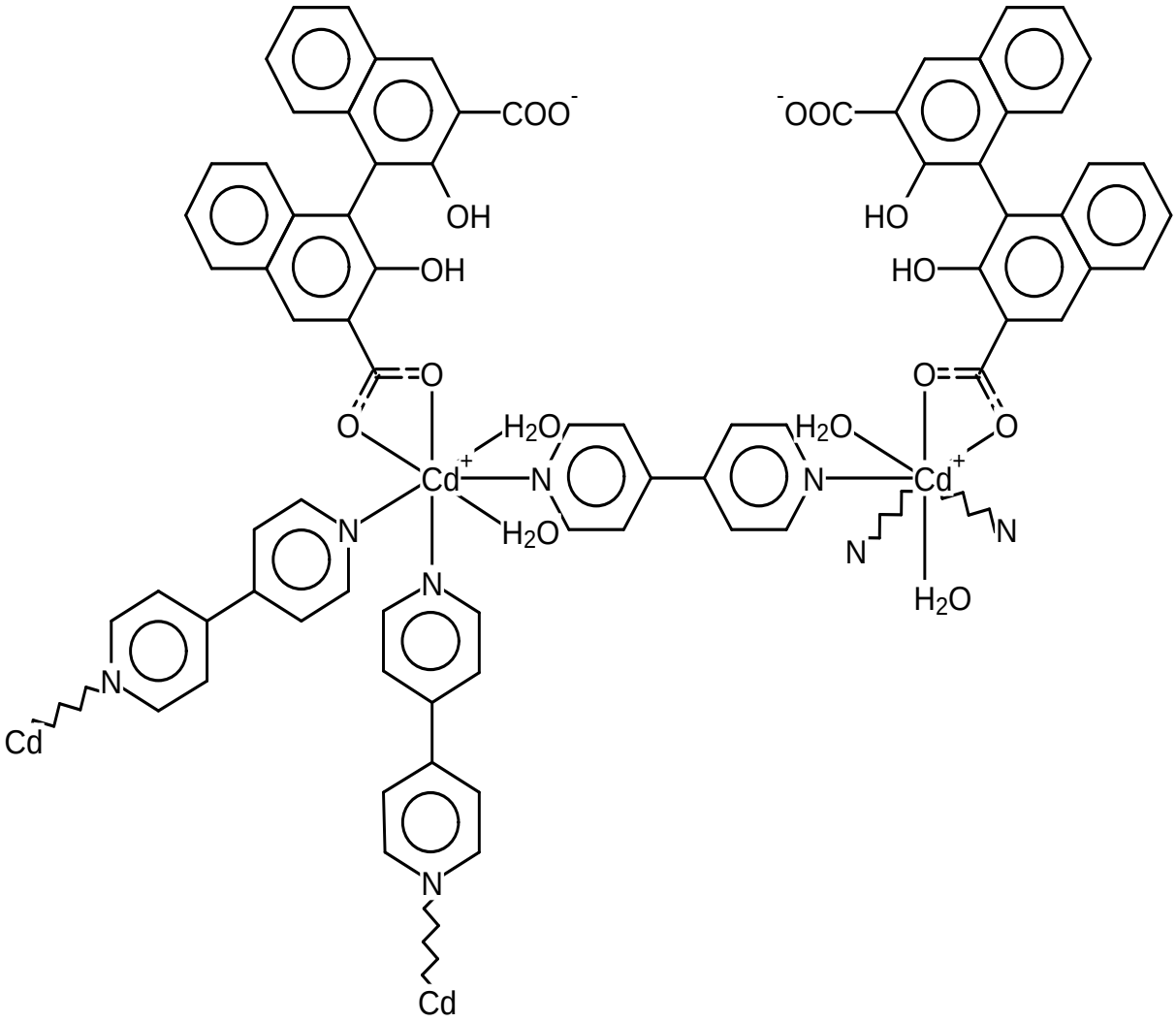
Reference: Ling-Yun Zhang, Jie-Peng Zhang, Yan-Yong Lin, Xiao-Ming Chen (2006) *Cryst.Growth Des.* ,**6,**1684

Formula: $(C_{74}\ H_{56}\ Cd_2\ N_6\ O_{16})n$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetra-aqua-bis(2,2'-dihydroxy-(1,1')-binaphthalene-3-carboxylato-3'-carboxylate)-di-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a***	11.743(0)	***b***	9.478(0)	***c*** 27.812(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.00(0)	γ 90.00

R-Factor (%): 4.16 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2106

REKZIR

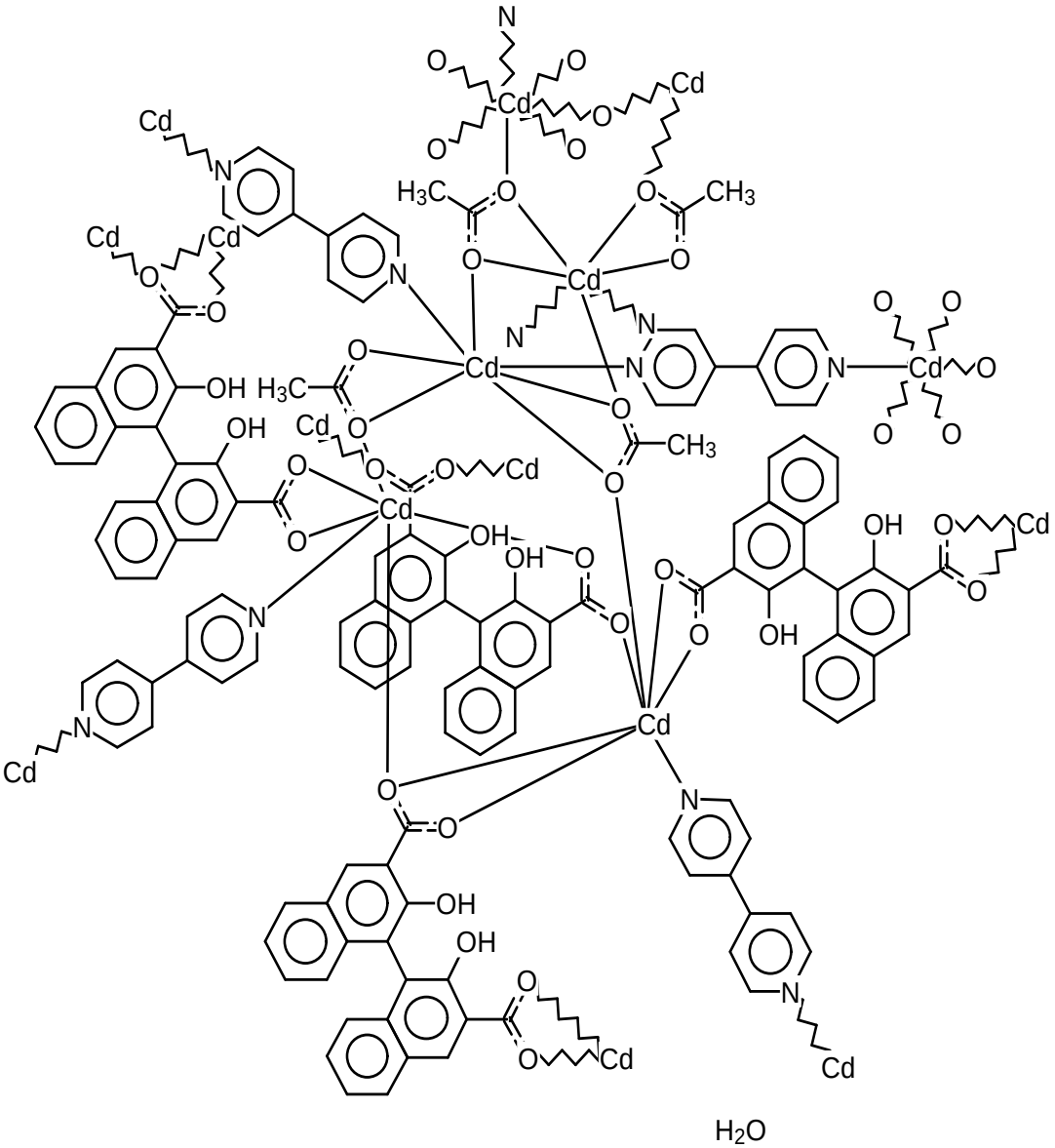
Reference: Ling-Yun Zhang, Jie-Peng Zhang, Yan-Yong Lin, Xiao-Ming Chen (2006) *Cryst.Growth Des. ,***6,**1684

Formula: $(C_{136}\ H_{92}\ Cd_6\ N_8\ O_{32})n,2.5n(H_2\ O_1)$

Compound Name: catena-((μ4-2,2'-Dihydroxy-(1,1')-binaphthalene-3,3'-dicarboxylato)-bis(μ3-acetato)-bis(μ3-2,2'-dihydroxy-(1,1')-binaphthalene-3,3'-dicarboxylato)-bis(μ2-acetato)-tetrakis(μ2-4,4'-bipyridyl)-(μ2-2,2'-dihydroxy-(1,1')-binaphthalene-3,3'-dicarboxylato)-hexa-cadmium(ii) hydrate)

Space Group:	C2/c	***Cell:***	***a***	31.100(1)	***b***	24.046(1)	***c***	23.006(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	131.42(0)	γ	90.00

R-Factor (%): 3.71 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.580



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2107

REKZOX

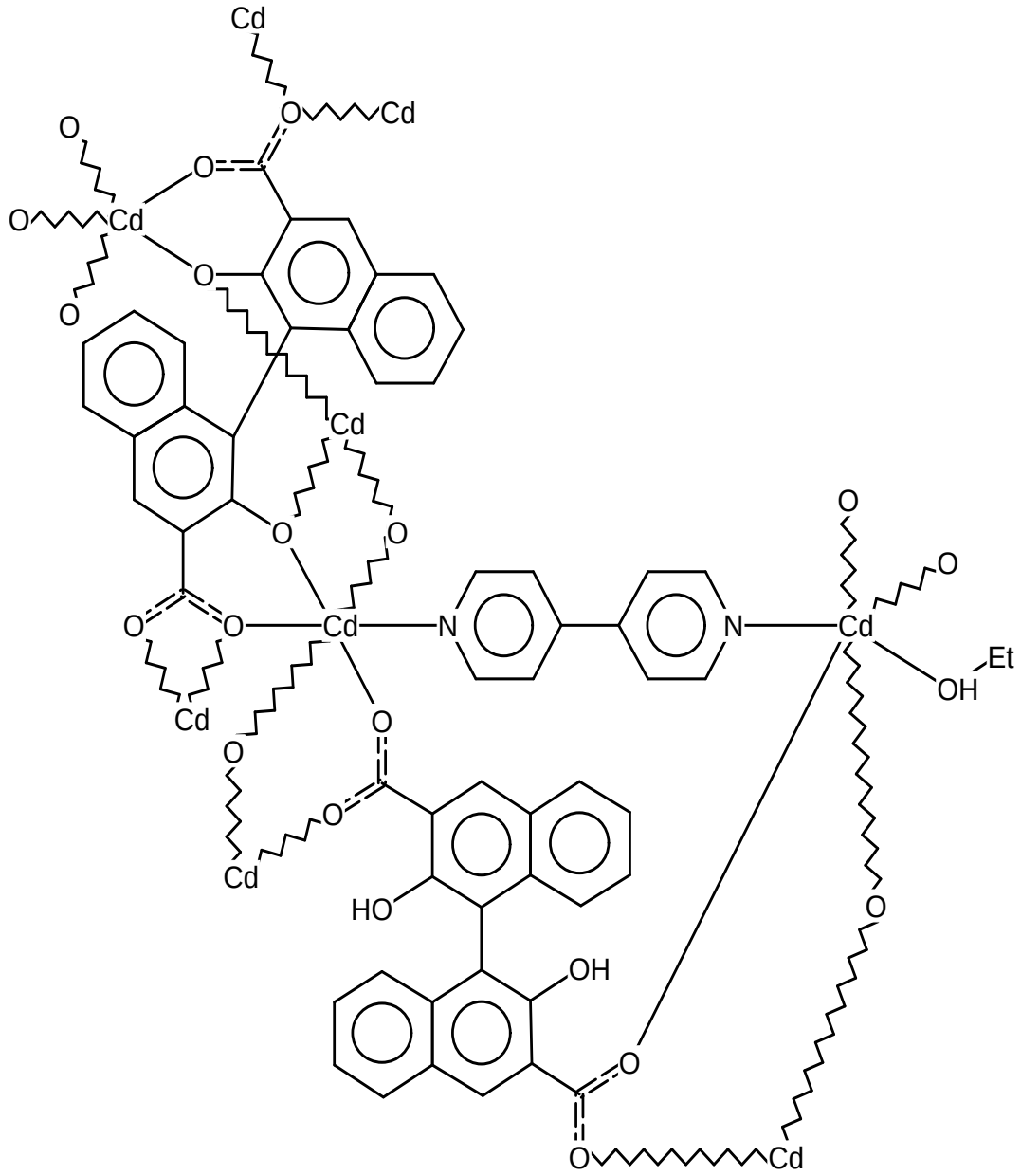
Reference: Ling-Yun Zhang, Jie-Peng Zhang, Yan-Yong Lin, Xiao-Ming Chen (2006) *Cryst.Growth Des. ,***6,**1684

Formula: $(C_{56}\ H_{36}\ Cd_3\ N_2\ O_{13})n$

Compound Name: catena-((μ_6-2,2'-Dioxy-(1,1')-binaphthalene-3,3'-dicarboxylato)-(μ_4-2,2'-dihydroxy-(1,1')-binaphthalene-3,3'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-(ethanol)-tri-cadmium(ii))

Space Group:	P-1	***Cell:***	***a*** 12.817(0)	***b*** 14.981(0)	***c*** 14.986(0)
Space Group No.:	2	***(Å,°)***	α 118.80(0)	β 101.90(0)	γ 95.43(0)

R-Factor (%): 3.66 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.772



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2108

REMPIJ

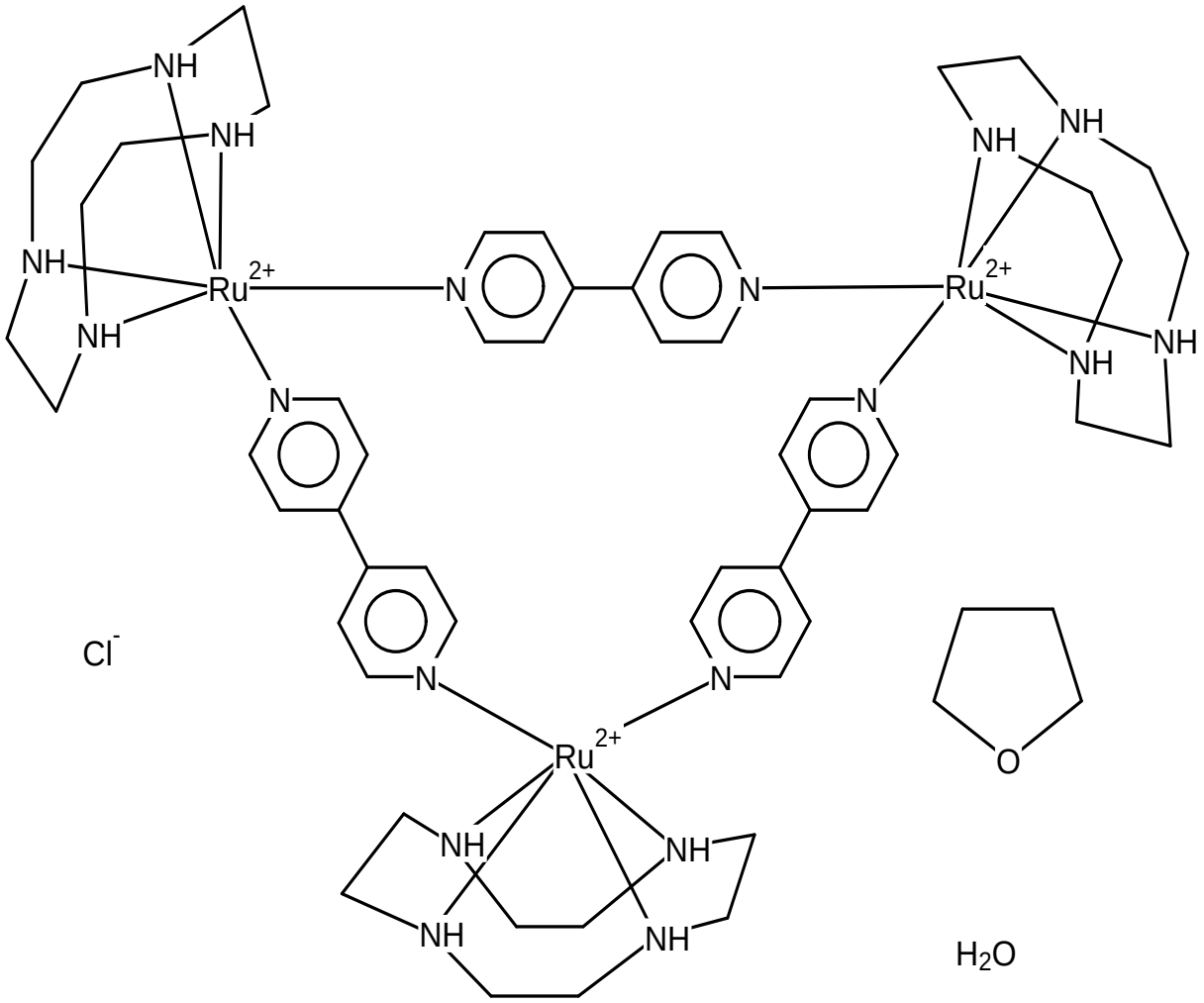
Reference: L.A.Berben, M.C.Faia, N.R.M.Crawford, J.R.Long (2006) *Inorg.Chem. ,***45,**6378

Formula: $C_{54}\ H_{84}\ N_{18}\ Ru_3\ ^{6+},6(Cl_1\ ^{1-}),C_4\ H_8\ O_1,31(H_2\ O_1)$

Compound Name: tris(μ_2-4,4'-bipyridine)-tris(1,4,7,10-tetraazacyclododecane)-tri-ruthenium(ii) hexachloride tetrahydrofuran clathrate hydrate

Space Group:	P-62m	***Cell:***	***a***	19.016(1)	***b***	19.016(1)	***c*** 8.976(0)
Space Group No.:	189	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.37 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.259



Search: search1 (Thu May 26 10:05:42 2011): Hit 2109

REMPOP

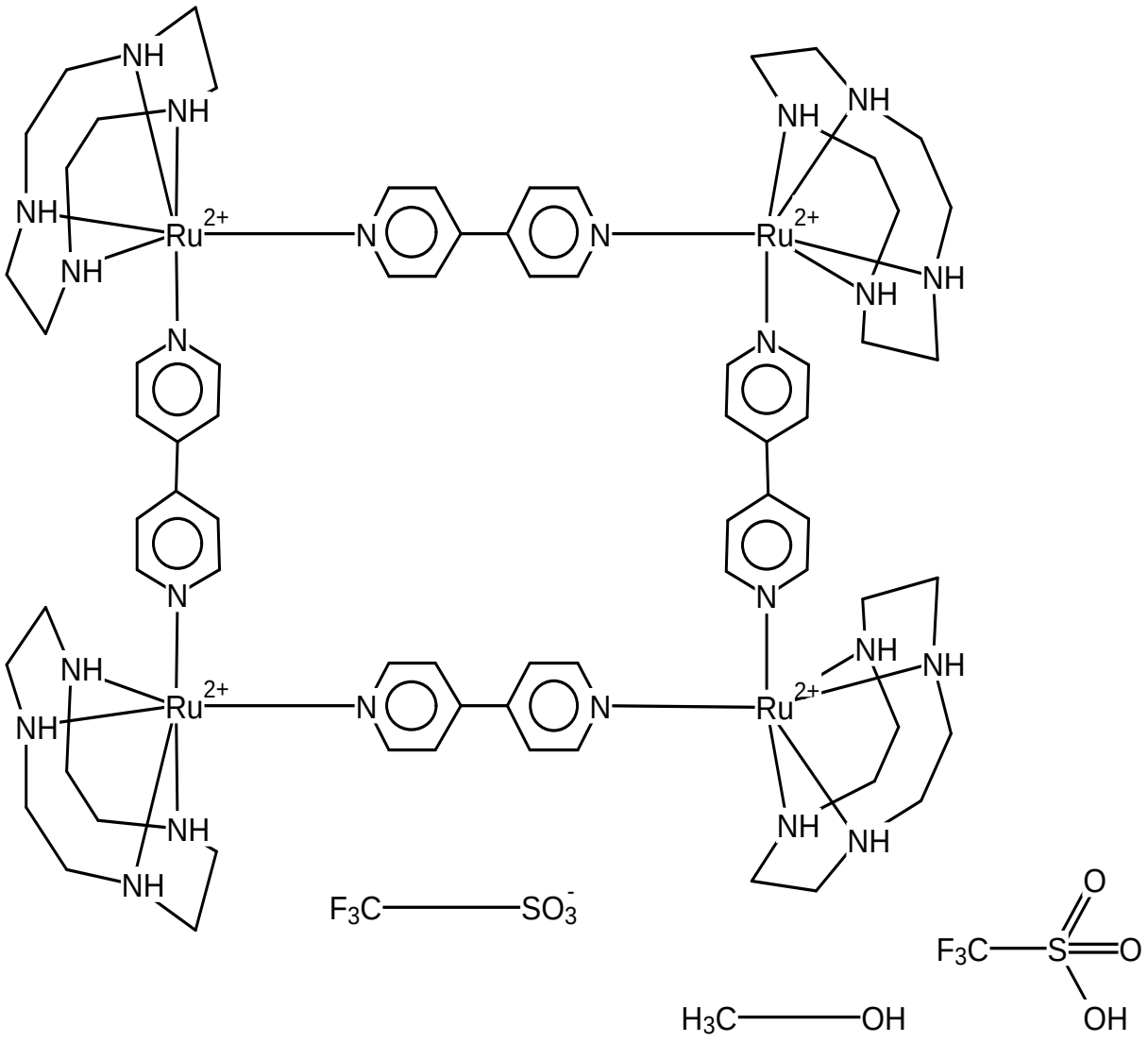
Reference: L.A.Berben, M.C.Faia, N.R.M.Crawford, J.R.Long (2006) *Inorg.Chem. ,***45,**6378

Formula: $C_{72}\ H_{112}\ N_{24}\ Ru_4\ ^{8+}$,8($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_1\ H_1\ F_3\ O_3\ S_1$),5($C_1\ H_4\ O_1$)

Compound Name: tetrakis(μ_2-4,4'-bipyridine)-tetrakis(1,4,7,10-tetraazacyclododecane)-tetra-ruthenium(ii) octakis(trifluoromethanesulfonate) trifluoromethanesulfonic acid methanol solvate

Space Group:	C-1	***Cell:***	***a***	39.586(8)	***b*** 9.325(1)	***c***	24.118(5)
Space Group No.:	2	***(Å,°)***	α	90.00	β 121.96(1)	γ	90.00

R-Factor (%): 10.03 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.482



Search: search1 (Thu May 26 10:05:42 2011): Hit 2110

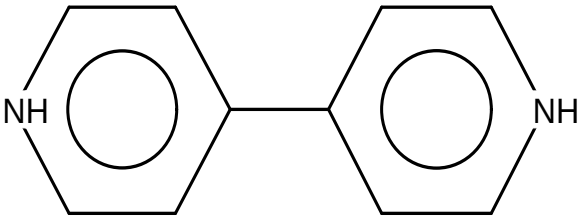
REMZUF

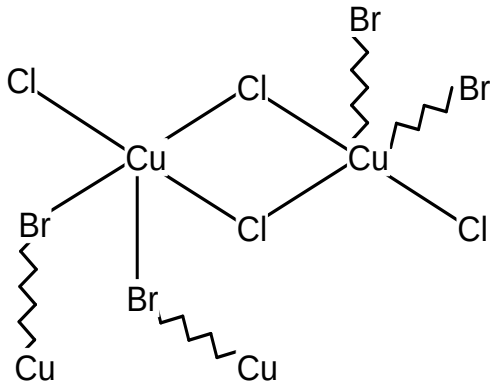
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

Formula: $(Br_2\ Cl_4\ Cu_2)n,n(C_{10}\ H_{10}\ N_2)$

Compound Name: catena-((4,4'-bipyridinium) bis(μ_2-chloro)-bis(μ_2-bromo)-dichloro-di-copper(ii))

Space Group:	P-1	***Cell:***	***a*** 4.016(0)	***b*** 10.149(1)	***c*** 10.830(1)
Space Group No.:	2	***(Å,°)***	α 113.84(1)	β 95.12(1)	γ 96.06(1)
R-Factor (%):	2.41	***Temperature(K):***	295	***Density(g/cm^3):***	2.453





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2111

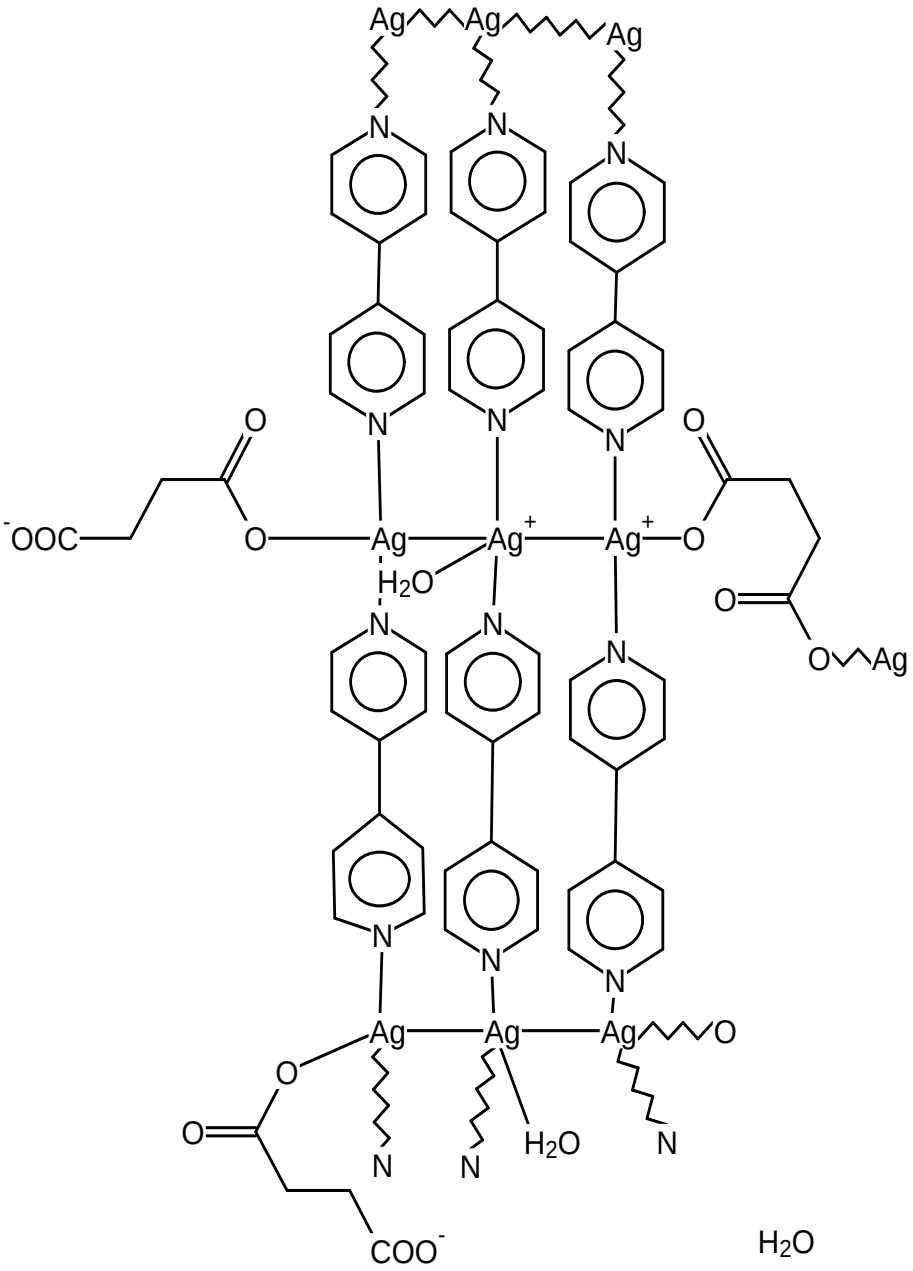
RENGEX

Reference: Feng Li, Taohai Li, Daqiang Yuan, Jian Lv, Rong Cao (2006) *Inorg.Chem.Commun.* ,**9,**691

Formula: $(C_{72}\ H_{64}\ Ag_6\ N_{12}\ O_{14})n,18n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_2-4,4'-bipyridine)-(μ_2-succinato)-bis(succinato)-hexa-silver(i) octadecahydrate)

Space Group:	P21/n	***Cell:***	***a*** 13.057(0)	***b*** 17.933(0)	***c*** 18.132(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 91.83(0)	γ 90.00
R-Factor (%):	3.36	***Temperature(K):***	173	***Density(g/cm^3):***	1.795



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2112

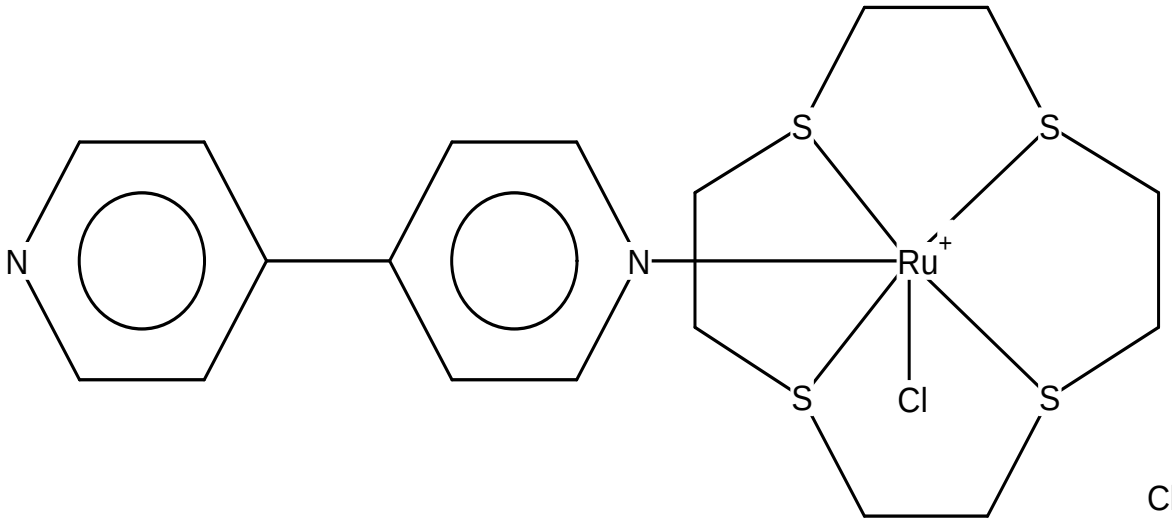
REPJIG

Reference: D.E.Janzen, Weinan Chen, D.G.VanDerveer, L.F.Mehne, G.J.Grant (2006) *Inorg.Chem.Commun.* ,**9,**992

Formula: $C_{18}\ H_{24}\ Cl_1\ N_2\ Ru_1\ S_4\ ^{1+},Cl_1\ ^{1-},H_2\ O_1$

Compound Name: (4,4'-Bipyridine)-chloro-(1,4,7,10-tetrathiacyclododecane)-ruthenium(ii) chloride monohydrate

Space Group:	P21	***Cell:***	***a*** 7.775(1)	***b*** 34.642(8)	***c*** 8.341(1)
Space Group No.:	4	***(Å,°)***	α 90.00	β 93.05(0)	γ 90.00
R-Factor (%):	4.29	***Temperature(K):***	183	***Density(g/cm^3):***	1.737



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2113

REPJOM

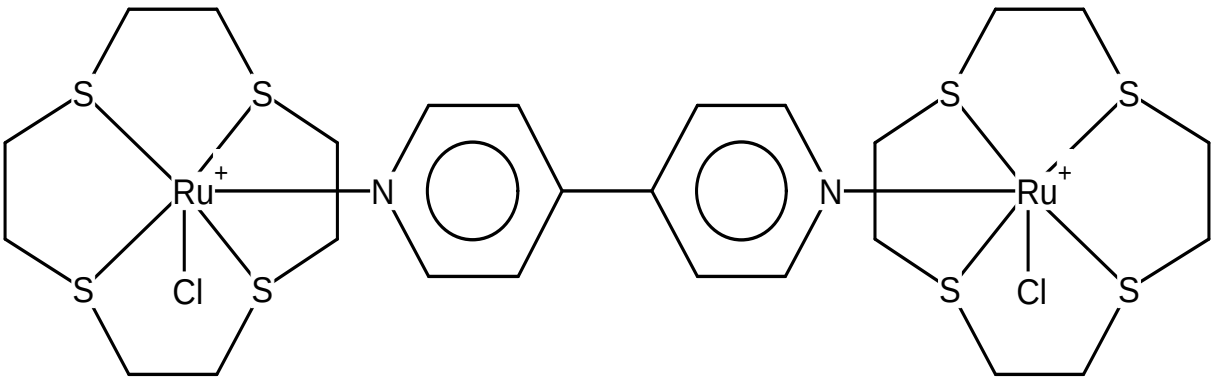
Reference: D.E.Janzen, Weinan Chen, D.G.VanDerveer, L.F.Mehne, G.J.Grant (2006) *Inorg.Chem.Commun.* ,**9,**992

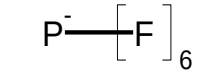
Formula: $C_{26}\ H_{40}\ Cl_2\ N_2\ Ru_2\ S_8\ ^{2+},2(F_6\ P_1\ ^{1-}),2(C_2\ H_3\ N_1)$

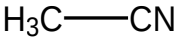
Compound Name: (μ_2-4,4'-Bipyridine)-dichloro-bis(1,4,7,10-tetrathiacyclododecane)-di-ruthenium(ii) bis(hexafluorophosphate) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a***	7.678(1)	***b***	16.318(3)	***c*** 19.460(4)
Space Group No.:	2	***(Å,°)***	α	99.28(3)	β	99.88(3)	γ 98.63(3)

R-Factor (%): 4.64 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.827







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2114

RERQUB

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

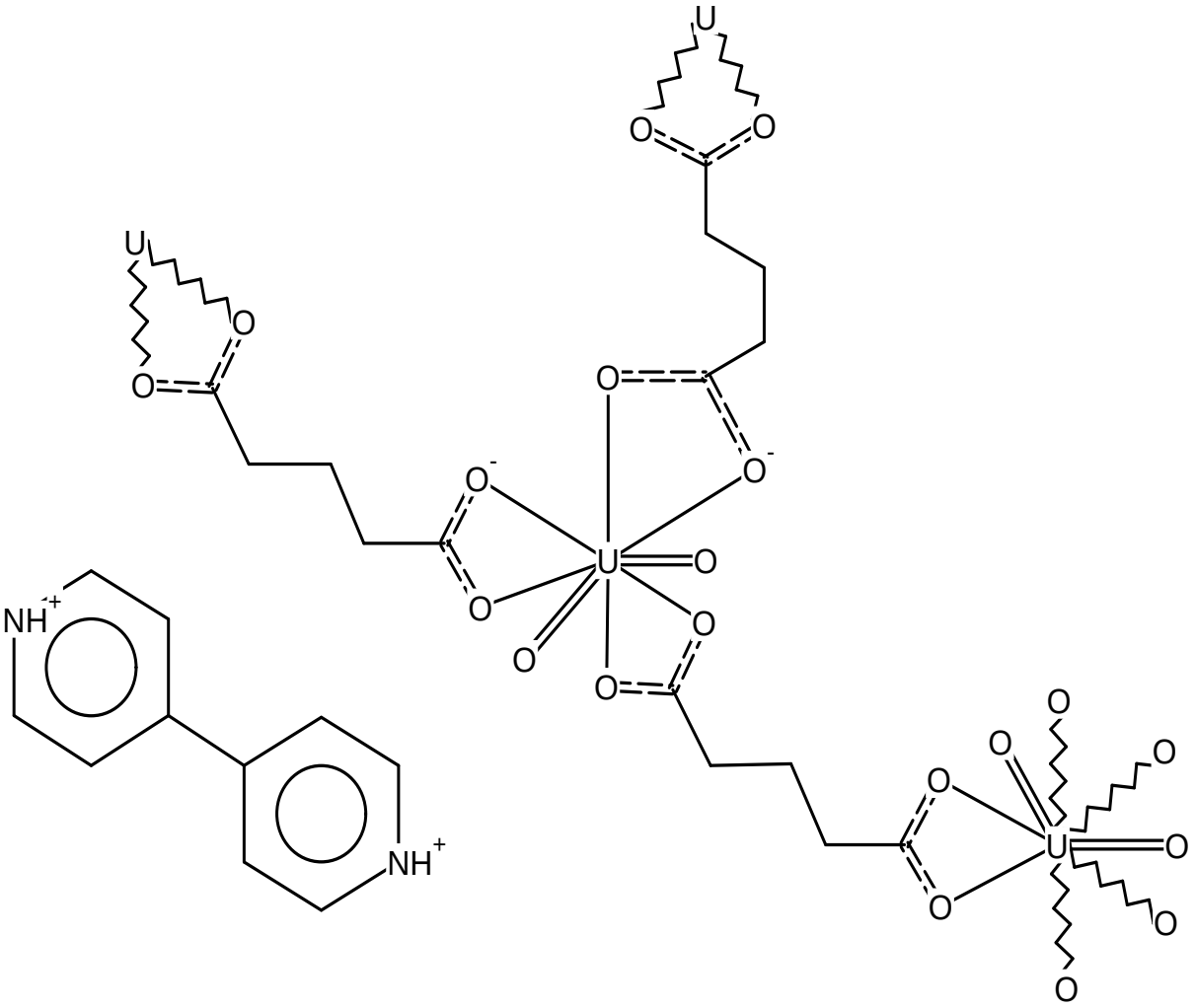
Formula: $(C_{15}\ H_{18}\ O_{16}\ U_2\ ^{2-})n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridyl-1,1'-diium tris(μ_2-pentanedioato)-tetraoxo-di-uranium(vi) dihydrate)

Synonym: catena-(4,4'-Bipyridyl-1,1'-diium tris(μ_2-glutarato)-tetraoxo-di-uranium(vi) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	15.541(1)	***b***	12.577(1)	***c*** 16.821(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	101.02(0)	γ 90.00

R-Factor (%): 4.39 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.315


U
O
O
U
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2115

RERRAI

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

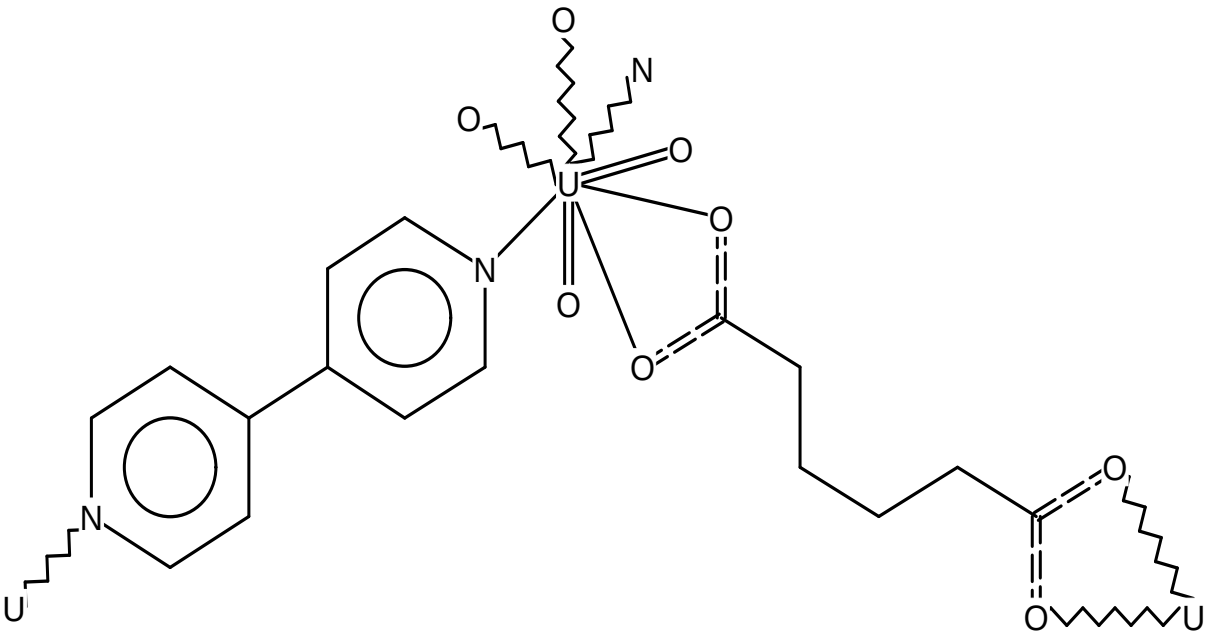
Formula: $(C_{16}\ H_{16}\ N_2\ O_6\ U_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-hexanedioato)-dioxo-uranium(vi))

Synonym: catena-((μ_2-4,4'-Bipyridyl)-(μ_2-adipato)-dioxo-uranium(vi))

Space Group:	P3221	***Cell:***	***a***	12.214(0)	***b***	12.214(0)	***c***	10.033(0)
Space Group No.:	154	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 2.54 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.192



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2116

RERREM

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

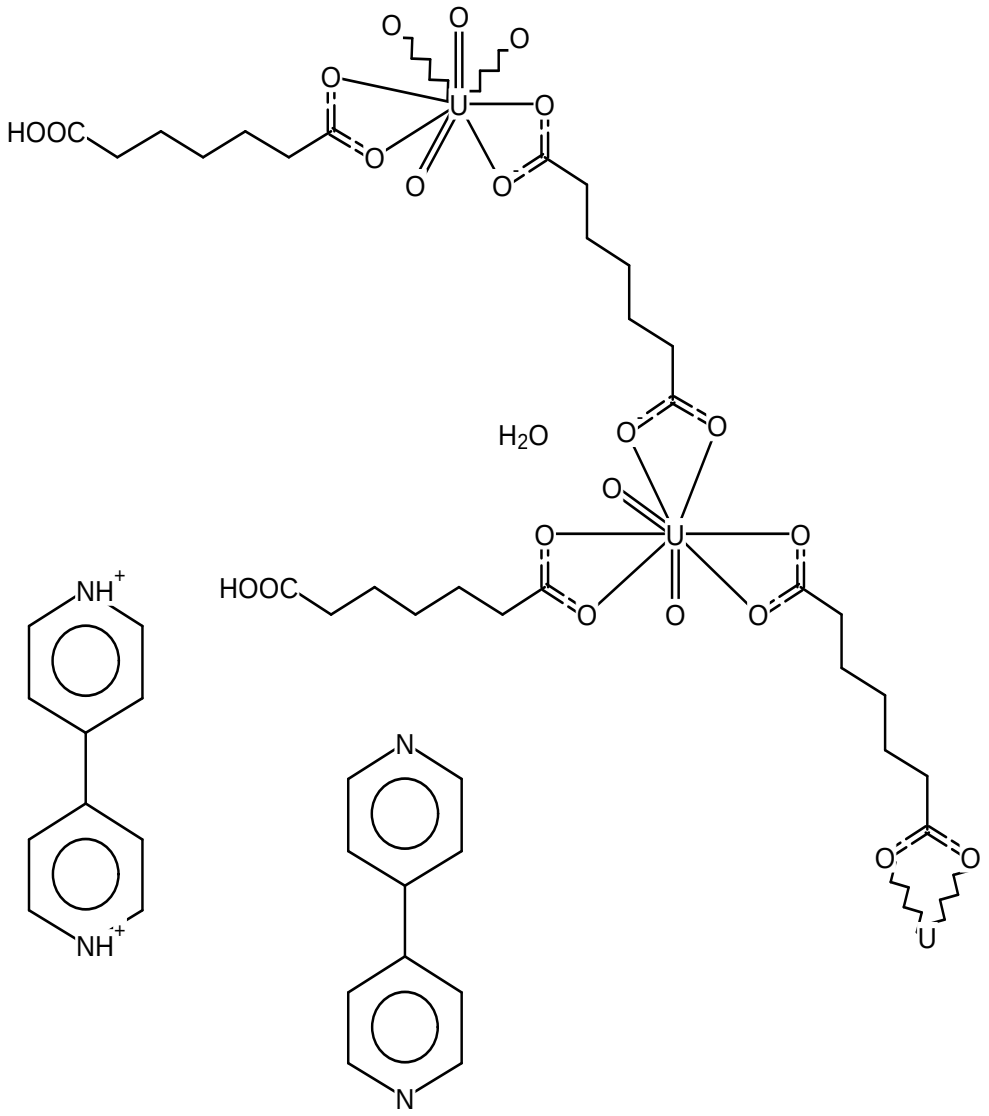
Formula: $(C_{28}\ H_{42}\ O_{20}\ U_2\ ^{2-})n,n(H_2\ O_1),n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(4,4'-Bipyridyl-1,1'-diium bis(μ_2-heptanedioato-O,O',O'',O''')-bis(monohydrogen heptanedioato-O,O')-tetraoxo-di-uranium(vi) 4,4'-bipyridyl monohydrate)

Synonym: catena-(4,4'-Bipyridyl-1,1'-diium bis(μ_2-pimelato-O,O',O'',O''')-(monohydrogen pimelato-O,O')-tetraoxo-di-uranium(vi) 4,4'-bipyridyl monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.219(0)	***b*** 12.100(0)	***c***	12.635(0)
Space Group No.:	2	***(Å,°)***	α	85.61(0)	β 75.14(0)	γ	78.96(0)

R-Factor (%): 3.54 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.872



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2117

RERRIQ

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

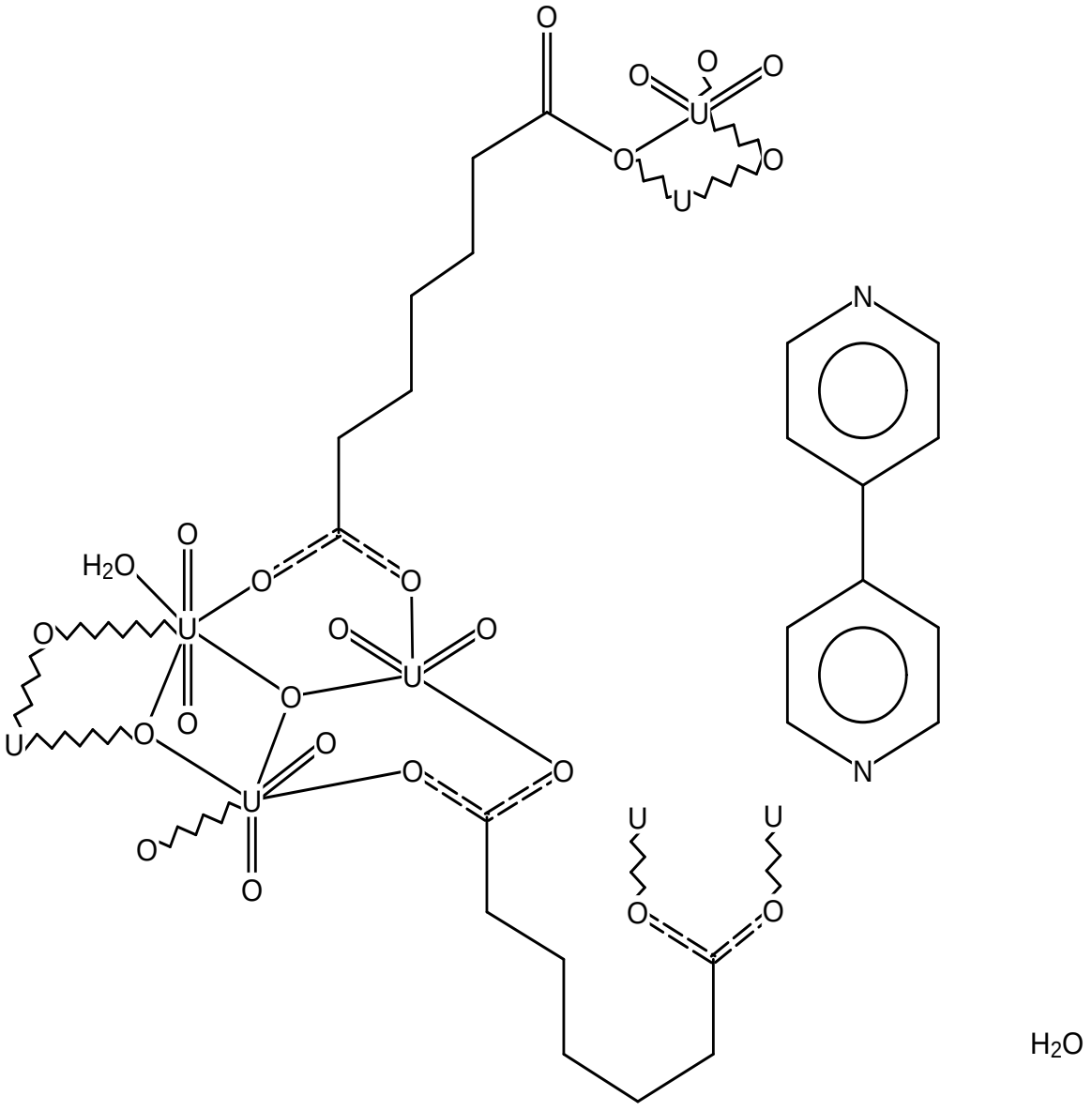
Formula: $(C_{14}\ H_{22}\ O_{19}\ U_4)n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-heptanedioato)-bis(μ_3-oxo)-aqua-octaoxo-tetra-uranium(vi) 4,4'-bipyridyl dihydrate)

Synonym: catena-(bis(μ_4-pimelato)-bis(μ_3-oxo)-aqua-octaoxo-tetra-uranium(vi) 4,4'-bipyridyl dihydrate)

Space Group:	C2/c	***Cell:***	***a***	21.333(1)	***b*** 10.720(0)	***c***	33.626(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.43(0)	γ	90.00

R-Factor (%): 4.26 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.937



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2118

RERROW

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

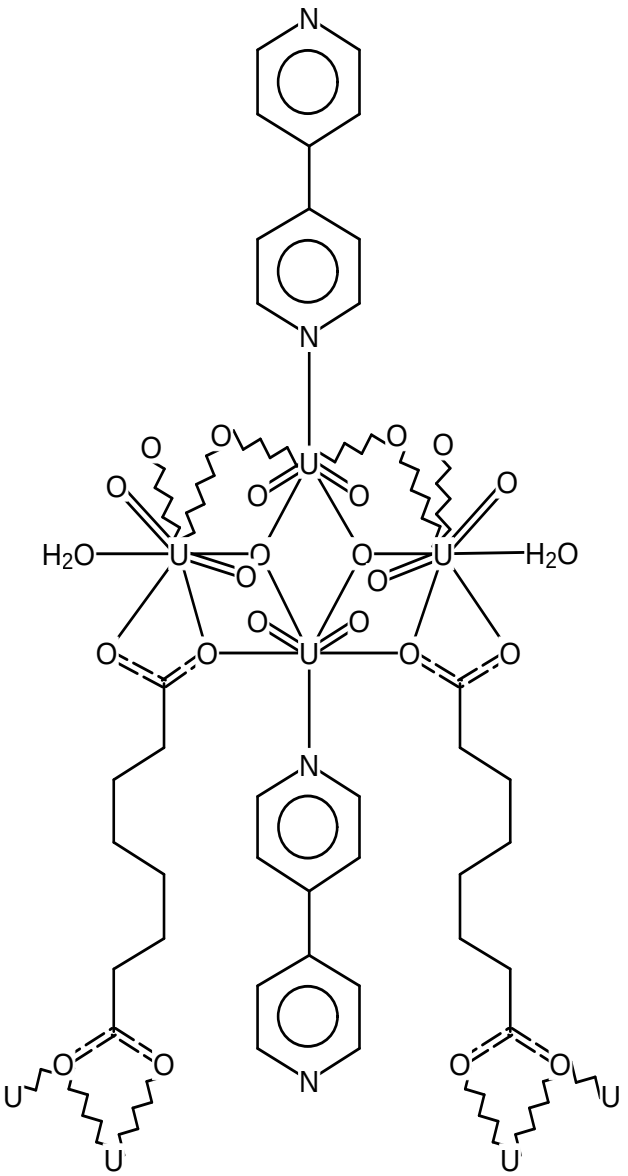
Formula: $(C_{36}\ H_{44}\ N_4\ O_{20}\ U_4)n$

Compound Name: catena-(bis(μ_4-octanedioato)-bis(μ_3-oxo)-bis(4,4'-bipyridyl)-diaqua-octaoxo-tetra-uranium(iv))

Synonym: catena-(bis(μ_4-suberato)-bis(μ_3-oxo)-bis(4,4'-bipyridyl)-diaqua-octaoxo-tetra-uranium(iv))

Space Group:	C2/c	***Cell:***	***a***	15.421(0)	***b*** 27.932(0)	***c***	11.077(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.31(0)	γ	90.00

R-Factor (%): 2.64 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.716



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2119

RERRUC

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

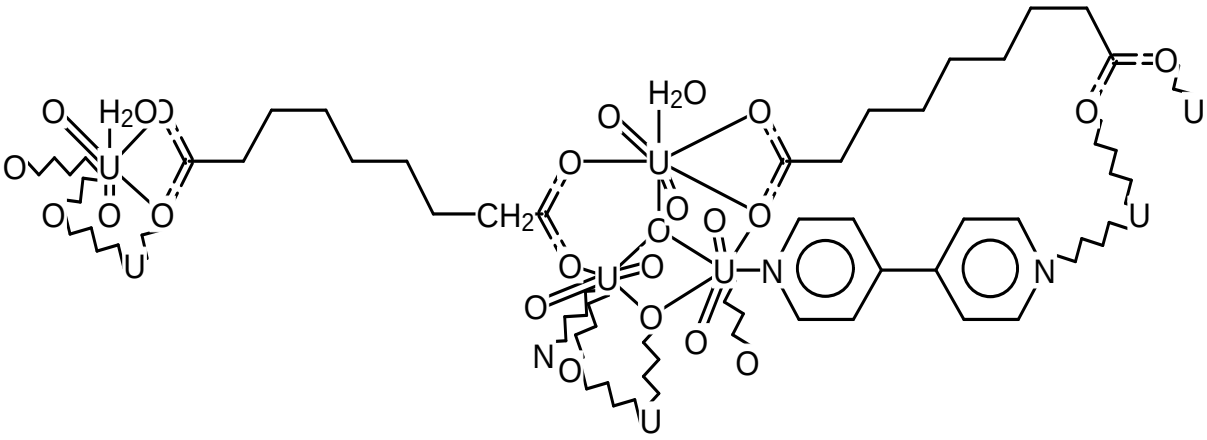
Formula: $(C_{28}\ H_{40}\ N_2\ O_{20}\ U_4)n$

Compound Name: catena-(bis(μ_4-nonanedioato)-bis(μ_3-oxo)-(μ_2-4,4'-bipyridyl)-diaqua-octaoxo-tetra-uranium(iv))

Synonym: catena-(bis(μ_4-azelato)-bis(μ_3-oxo)-(μ_2-4,4'-bipyridyl)-diaqua-octaoxo-tetra-uranium(iv))

Space Group:	P-1	***Cell:***	***a***	7.262(0)	***b*** 11.434(1)	***c***	12.339(1)
Space Group No.:	2	***(Å,°)***	α	76.77(0)	β 74.84(0)	γ	84.24(0)

R-Factor (%): 2.78 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.895



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2120

RERSAJ

Reference: L.A.Borkowski, C.L.Cahill (2006) *Cryst.Growth Des.* ,**6,** 2248

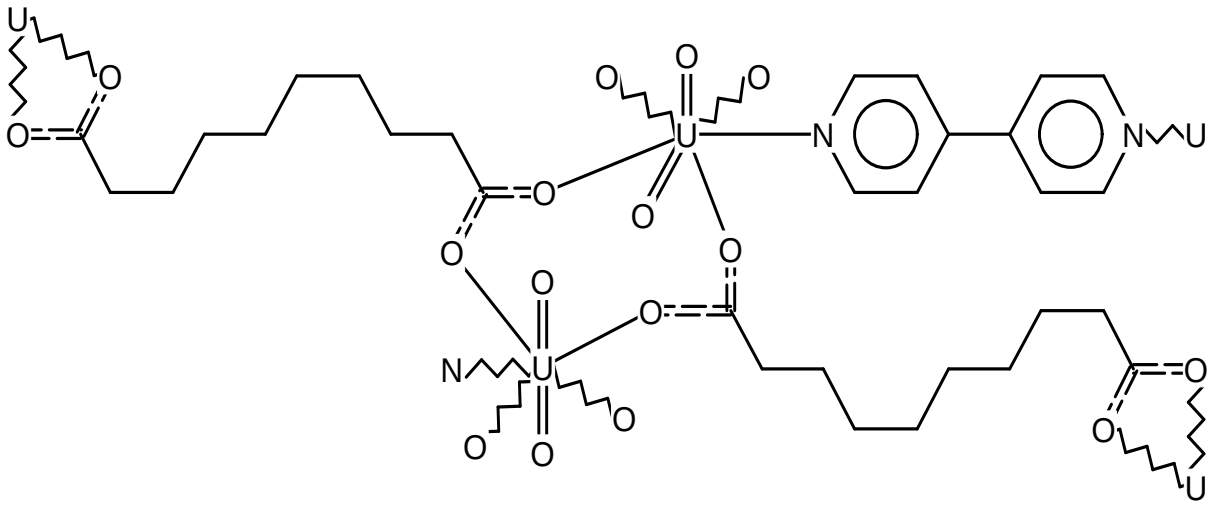
Formula: $(C_{30}\ H_{40}\ N_2\ O_{12}\ U_2)n$

Compound Name: catena-(bis(μ_3-decanedioato)-(μ_2-4,4'-bipyridyl)-tetraoxo-tetra-uranium(iv))

Synonym: catena-(bis(μ_4-sebacato)-(μ_2-4,4'-bipyridyl)-tetraoxo-tetra-uranium(iv))

Space Group:	P-1	***Cell:***	***a***	8.133(1)	***b***	9.896(2)	***c***	11.983(3)
Space Group No.:	2	***(Å,°)***	α	70.66(0)	β	87.50(0)	γ	67.75(0)

R-Factor (%): 7.31 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.172



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2121

RESBUN

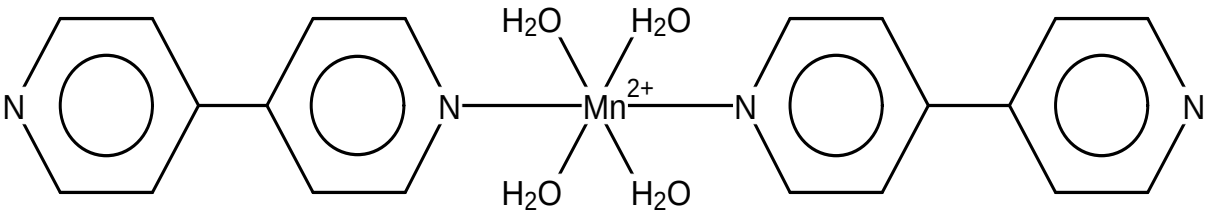
Reference: Li-Ping Zhang, Long-Guan Zhu (2006) *CrystEngComm* ,**8,** 815

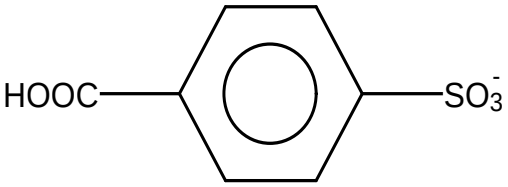
Formula: $C_{20}\ H_{24}\ Mn_1\ N_4\ O_4\ ^{2+}$,2($C_7\ H_5\ O_5\ S_1\ ^{1-}$)

Compound Name: tetraaqua-bis(4,4'-bipyridyl)-manganese(ii) bis(4-sulfobenzoic acid)

Space Group:	P-1	***Cell:***	***a***	7.582(0)	***b***	7.710(0)	***c*** 16.783(1)
Space Group No.:	2	***(Å,°)***	α	92.26(0)	β	93.43(0)	γ 110.97(0)

R-Factor (%): 5.94 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.532





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2122

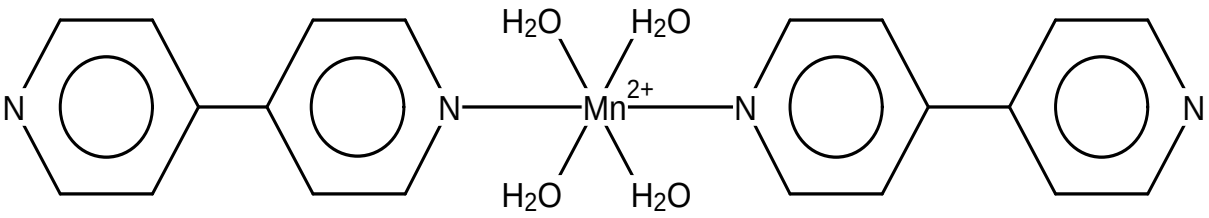
RESCAU

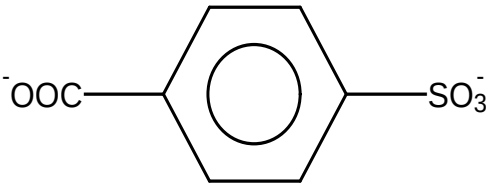
Reference: Li-Ping Zhang, Long-Guan Zhu (2006) *CrystEngComm* ,**8,** 815

Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4\,^{2+}$,$C_7\,H_4\,O_5\,S_1\,^{2-}$,4($H_2\,O_1$)

Compound Name: tetraaqua-bis(4,4'-bipyridyl)-manganese(ii) 4-sulfobenzoate tetrahydrate

Space Group:	P21	***Cell:***	***a***	7.123(0)	***b***	18.304(1)	***c*** 12.465(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	99.97(0)	γ 90.00
R-Factor (%):	5.02	***Temperature(K):***	295		***Density(g/cm^3):***		1.476





H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 2123

RESCEY

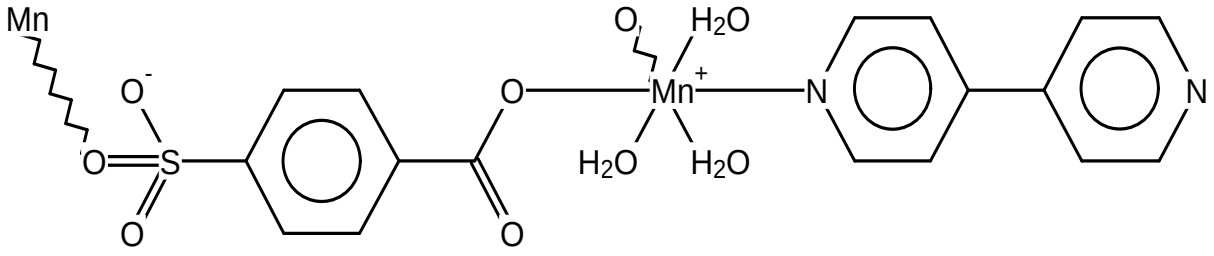
Reference: Li-Ping Zhang, Long-Guan Zhu (2006) *CrystEngComm* ,**8,** 815

Formula: $(C_{17}\ H_{18}\ Mn_1\ N_2\ O_8\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-sulfobenzoato)-(4,4'-bipyridyl)-triaqua-manganese(ii) dihydrate)

Space Group:	P21	***Cell:***	***a***	11.705(0)	***b*** 7.282(0)	***c***	13.455(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β 114.16(0)	γ	90.00

R-Factor (%):	3.51	***Temperature(K):***	295	***Density(g/cm^3):***	1.591



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2124

RESSAK

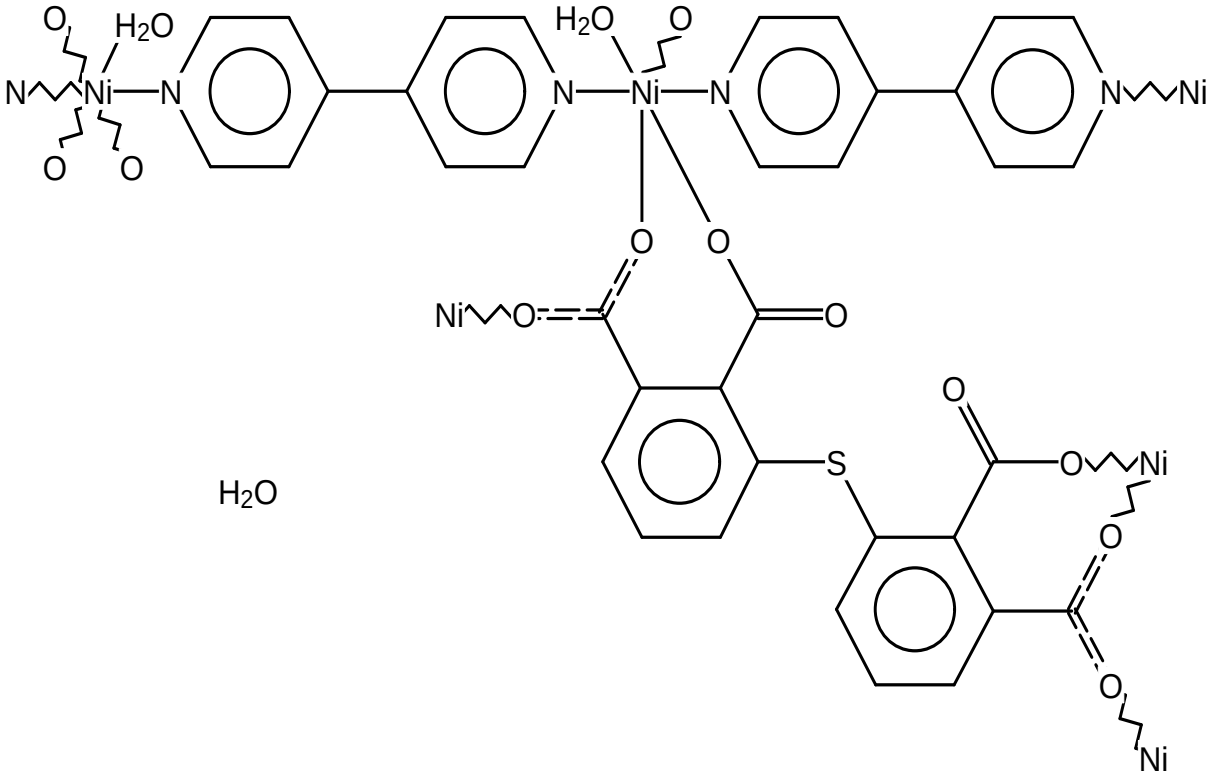
Reference: Shuangquan Zang, Yang Su, You Song, Yizhi Li, Zhaoping Ni, Huizhen Zhu, Qingjin Meng (2006) *Cryst.Growth Des. ,***6,** 2369

Formula: $(C_{36}\ H_{26}\ N_4\ Ni_2\ O_{10}\ S_1)n,5n(H_2\ O_1)$

Compound Name: catena-((μ_4-1,1'-thio-2,2',3,3'-diphthalic acid)-bis(μ_2-4,4'-bipyridine)-diaqua-nickel(ii) pentahydrate)

Space Group:	C2	***Cell:***	***a***	25.122(7)	***b*** 8.253(2)	***c***	11.259(3)
Space Group No.:	5	***(Å,°)***	α	90.00	β 108.15(0)	γ	90.00

R-Factor (%): 5.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.369



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2125

RETWIX

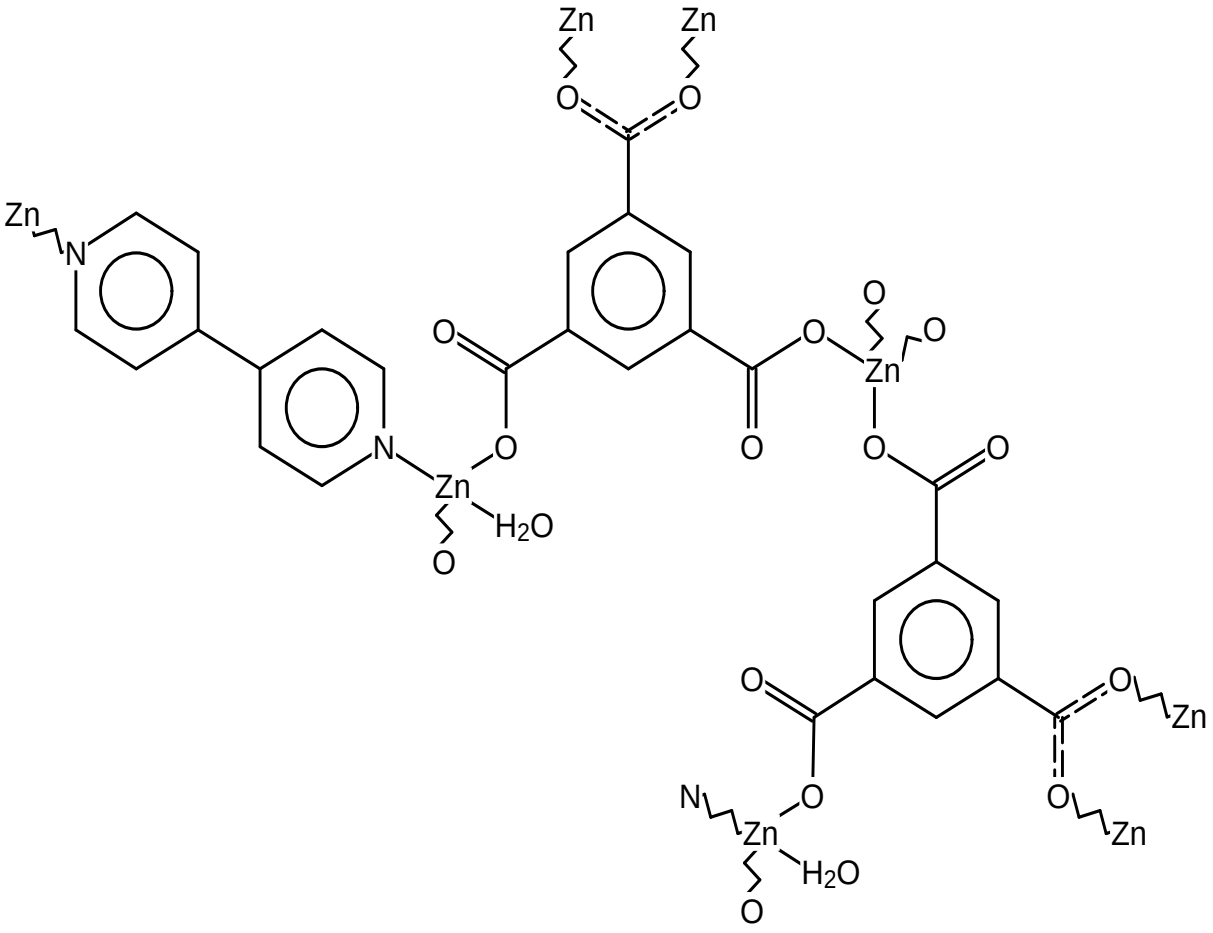
Reference: Feng Luo, Yun-xia Che, Ji-min Zheng (2006)
Inorg.Chem.Commun. ,**9,**1045

Formula: $(C_{28}\ H_{18}\ N_2\ O_{14}\ Zn_3)n$

Compound Name: catena-(bis(μ_4-1,3,5-Benzenetricarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-di-zinc)

Space Group:	C2/c	***Cell:***	***a***	10.402(1)	***b***	18.635(3)	***c***	14.814(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.33(0)	γ	90.00

R-Factor (%): 3.18 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.862



Search: search1 (Thu May 26 10:05:42 2011): Hit 2126

REZVAU

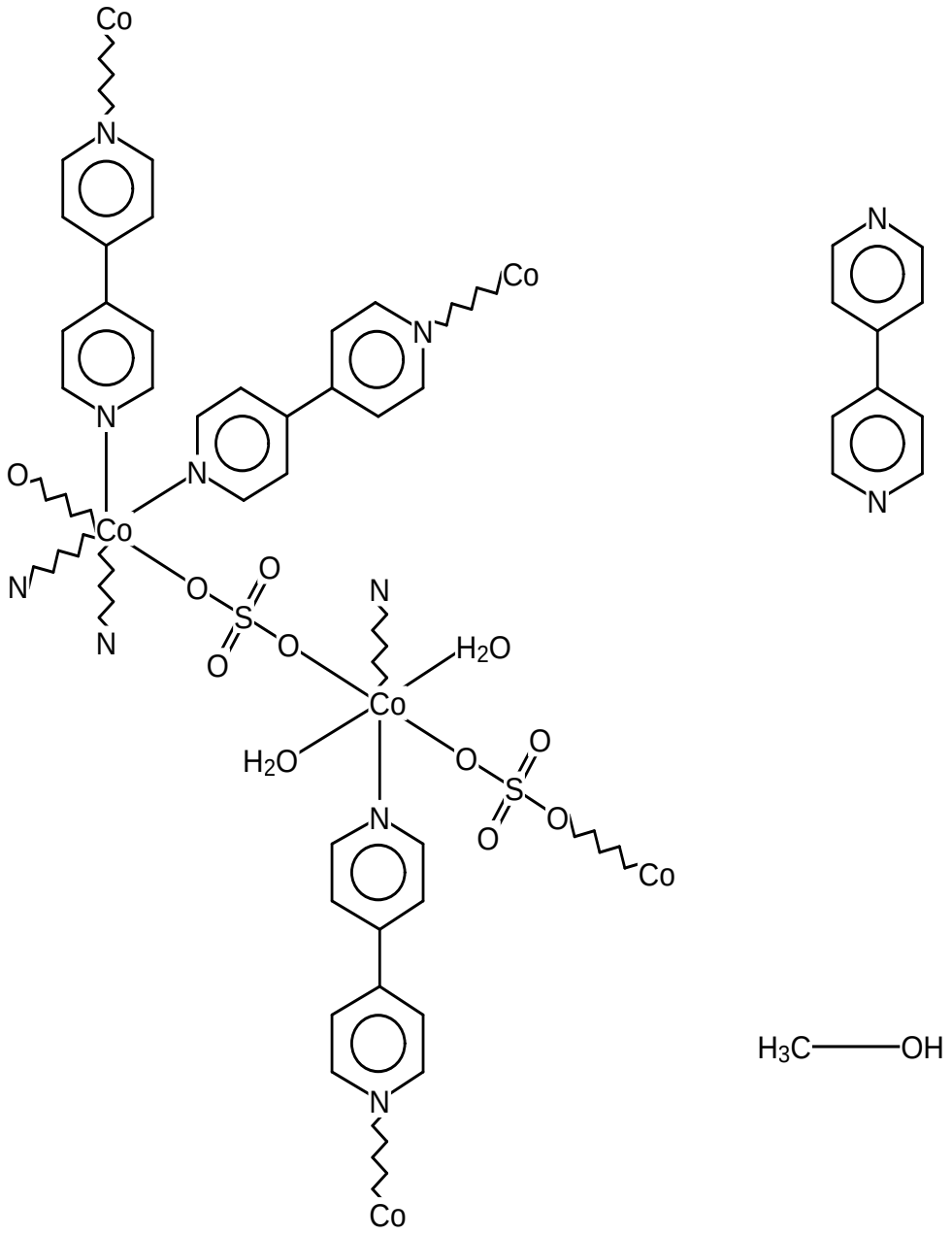
Reference: D.Bradshaw, J.E.Warren, M.J.Rosseinsky (2007) *Science* , **315,**977

Formula: $(C_{30}\ H_{28}\ Co_2\ N_6\ O_{10}\ S_2)n,n(C_{10}\ H_8\ N_2),n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-bis(μ_2-sulfato)-diaqua-di-cobalt(ii) 4,4'-bipyridyl methanol clathrate)

Space Group:	P2/c	***Cell:***	***a***	11.468(1)	***b*** 11.346(1)	***c***	20.207(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 116.71(0)	γ	90.00

R-Factor (%): 5.23 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.418



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2127

REZVEY

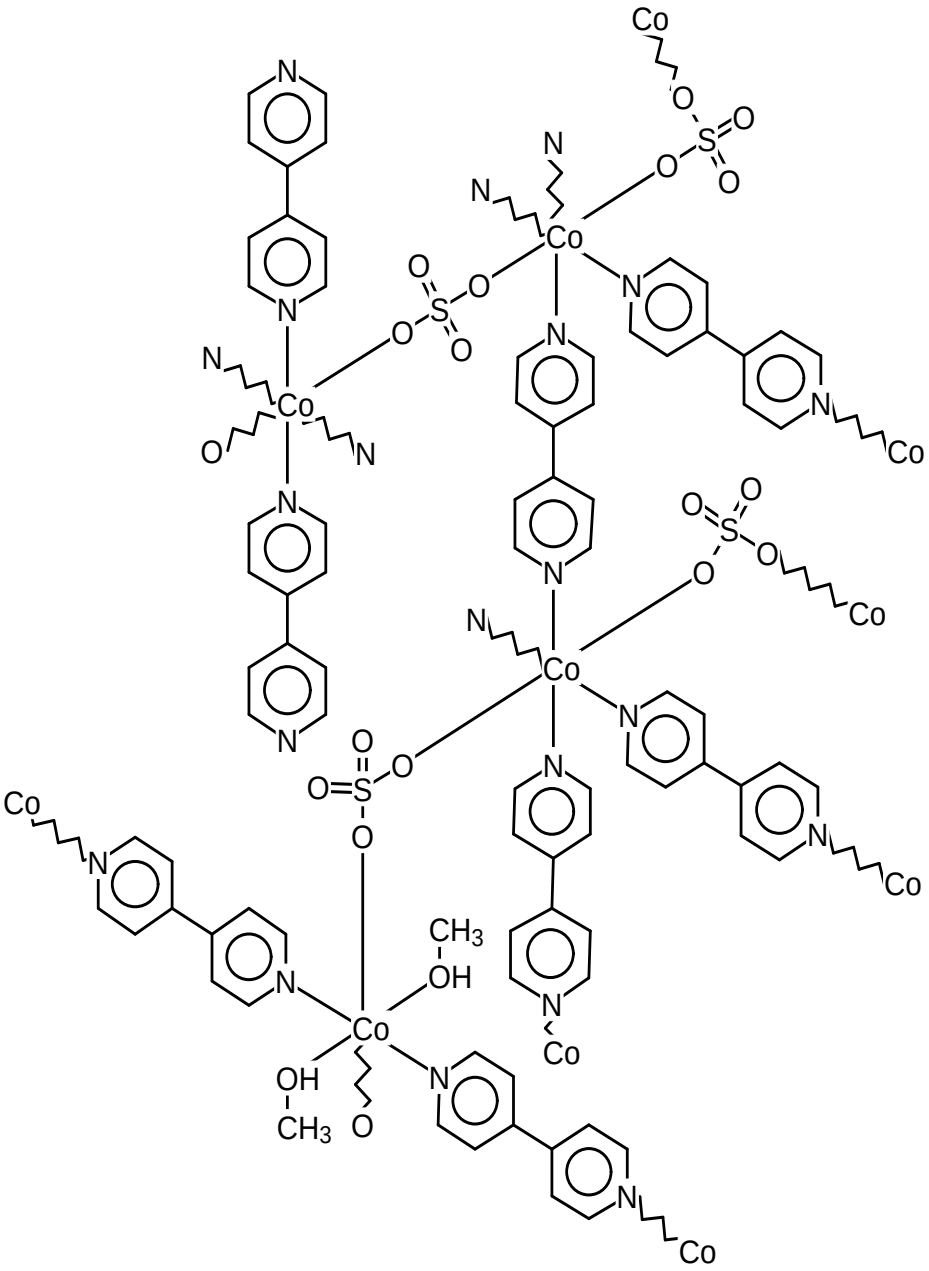
Reference: D.Bradshaw, J.E.Warren, M.J.Rosseinsky (2007) *Science* , **315,**977

Formula: $(C_{82}\ H_{72}\ Co_4\ N_{16}\ O_{18}\ S_4)n$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-sulfato)-bis(4,4'-bipyridyl)-bis(methanol)-tetra-cobalt(ii))

Space Group:	P2/c	***Cell:***	***a***	22.599(7)	***b*** 11.386(3)	***c***	21.359(7)
Space Group No.:	13	***(Å,°)***	α	90.00	β 117.86(0)	γ	90.00

R-Factor (%): 5.89 ***Temperature(K):*** 368 ***Density(g/cm^3):*** 1.322



Search: search1 (Thu May 26 10:05:42 2011): Hit 2128

REZYAX

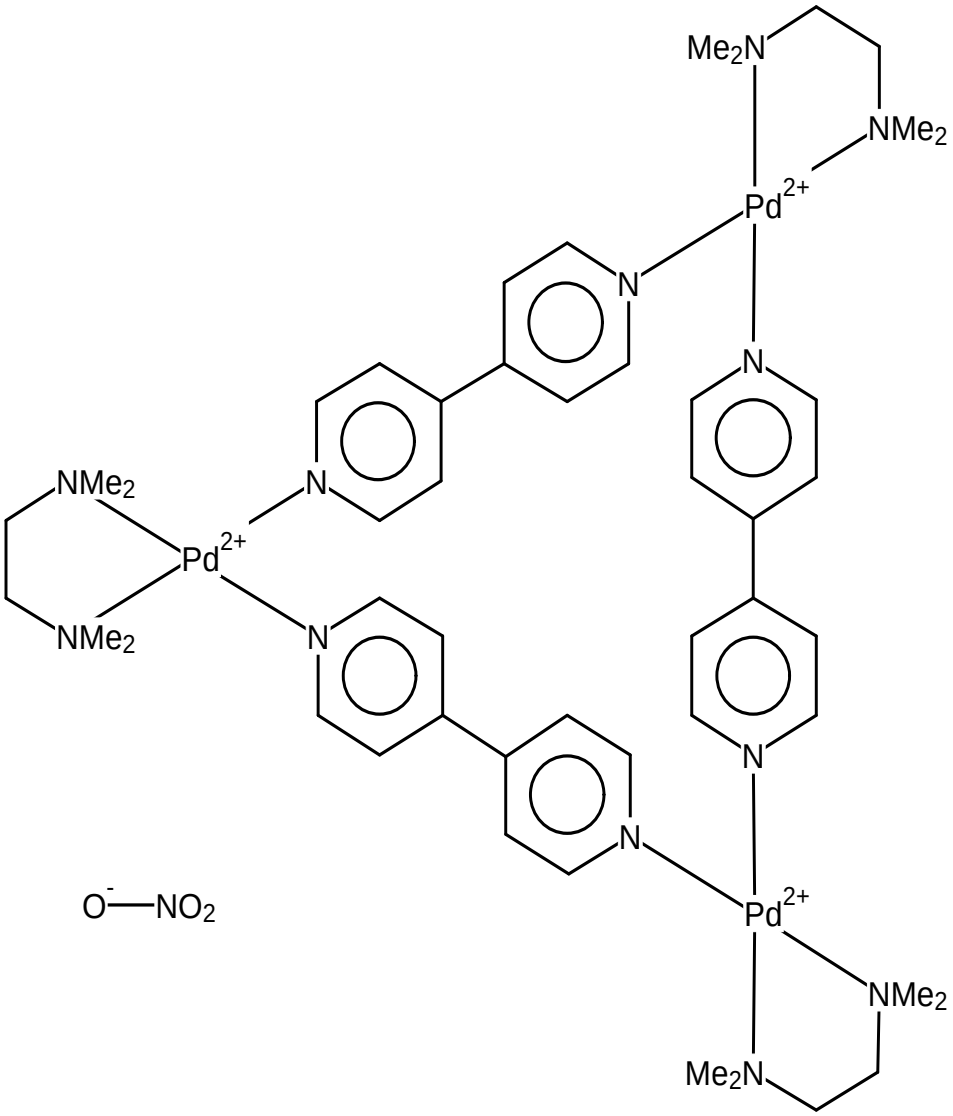
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

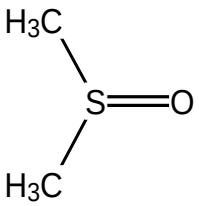
Formula: $C_{48}\ H_{72}\ N_{12}\ Pd_3\ ^{6+}$,6($N_1\ O_3\ ^{1-}$),3.5($C_2\ H_6\ O_1\ S_1$),x($C_3\ H_6\ O_1$),x($H_2\ O_1$)

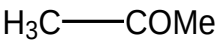
Compound Name: tris(μ_2-4,4'-Bipyridine-N,N')-tris(N,N,N',N'-tetramethylethylenediamine-N,N')-tri-palladium hexanitrate dimethylsulfoxide acetone solvate hydrate

Space Group:	Cc	***Cell:***	***a***	19.821(0)	***b***	34.367(0)	***c***	27.548(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β	89.94(0)	γ	90.00

R-Factor (%): 6.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.315









Search: search1 (Thu May 26 10:05:42 2011): Hit 2129

REZYEB

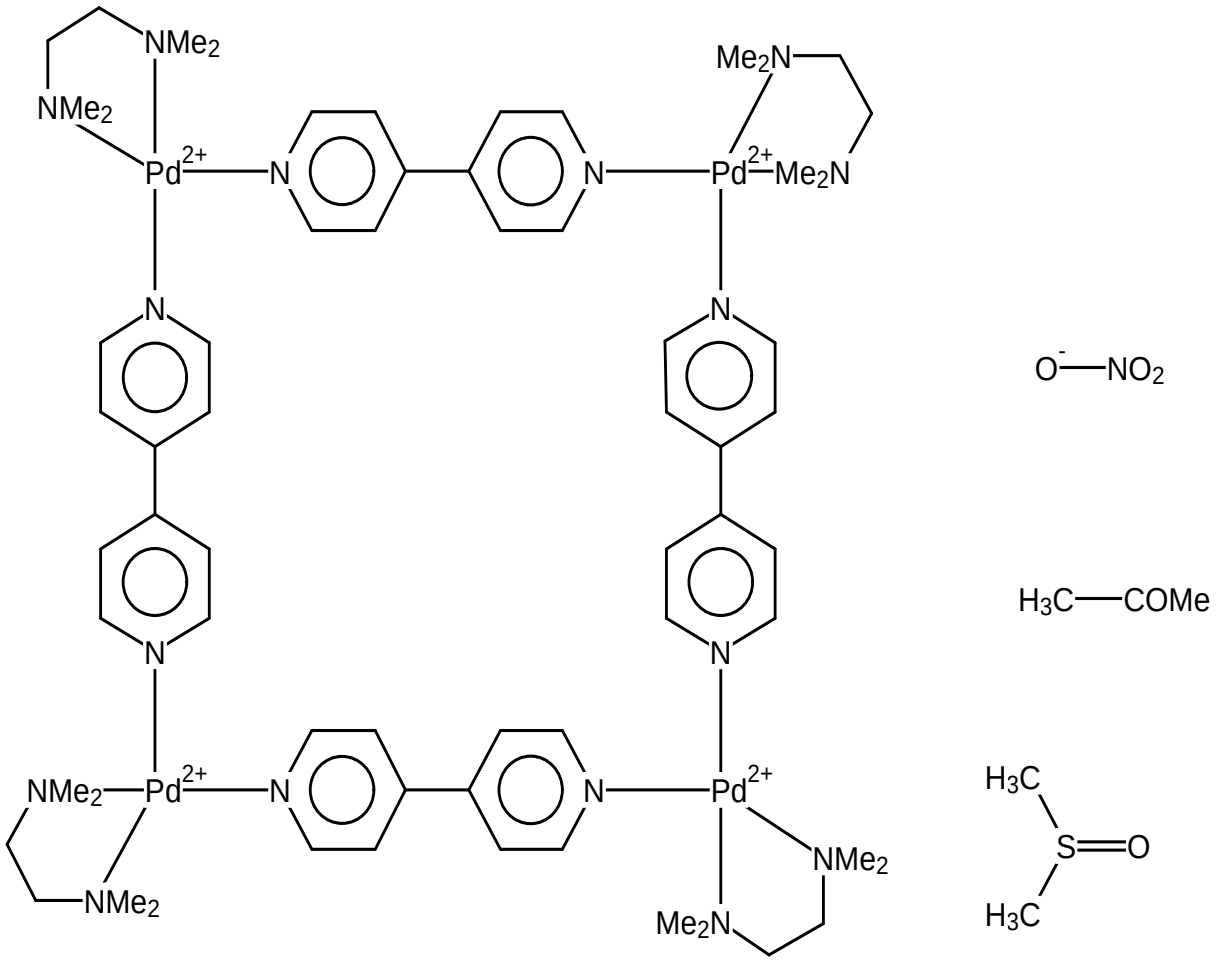
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

Formula: $C_{64}\ H_{96}\ N_{16}\ Pd_4\ ^{8+}$,8($N_1\ O_3\ ^{1-}$),x($C_3\ H_6\ O_1$),x($C_2\ H_6\ O_1\ S_1$)

Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N,N',N'-tetramethylethylenediamine-N,N')-tetra-palladium octanitrate acetone dimethylsulfoxide solvate

Space Group:	C2/c	***Cell:***	***a***	45.692(1)	***b*** 8.772(0)	***c***	36.719(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 126.51(0)	γ	90.00

R-Factor (%): 8.70 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.206



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2130

REZYIF

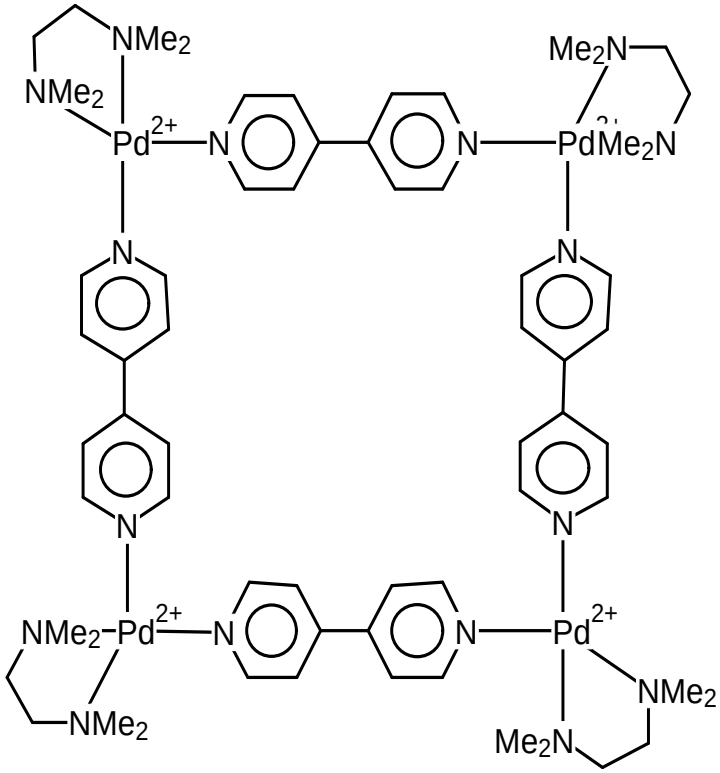
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

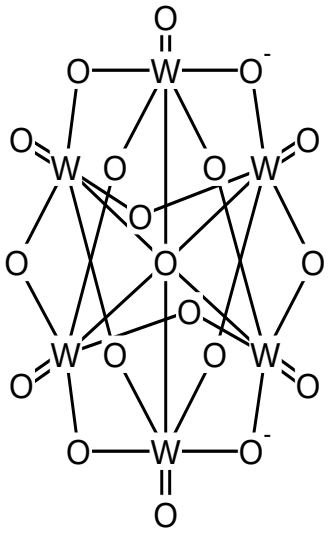
Formula: $C_{64}\ H_{96}\ N_{16}\ Pd_4\ ^{8+}$,4($O_{19}\ W_6\ ^{2-}$),14($C_3\ H_7\ N_1\ O_1$)

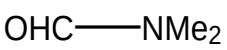
Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N,N',N'-tetramethylethylenediamine-N,N')-tetra-palladium (μ_6-oxo)-dodecakis(μ_2-oxo)-hexaoxo-hexa-tungsten dimethylformamide solvate

Space Group:	P-1	***Cell:***	***a***	11.598(0)	***b*** 20.427(0)	***c***	21.098(1)
Space Group No.:	2	***(Å,°)***	α	90.91(0)	β 103.32(0)	γ	99.63(0)

R-Factor (%): 7.09 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 2.833







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2131

REZYOL

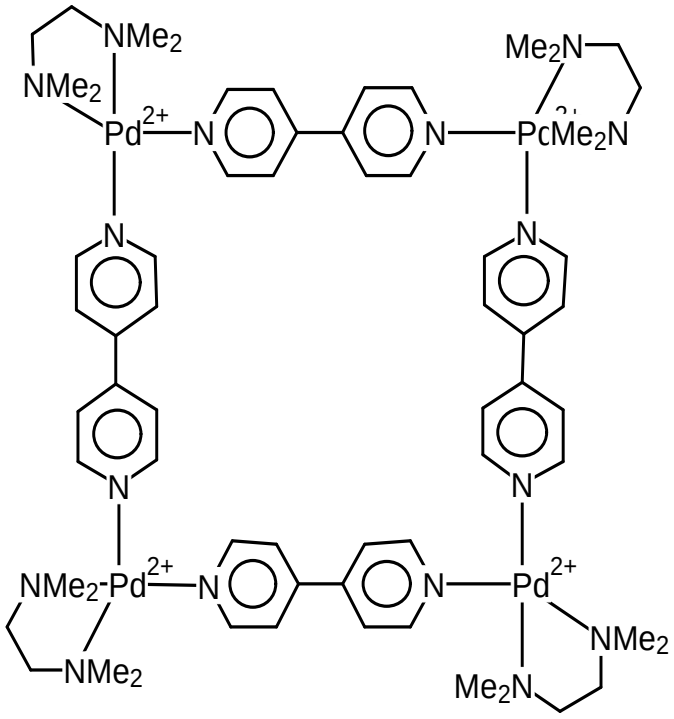
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

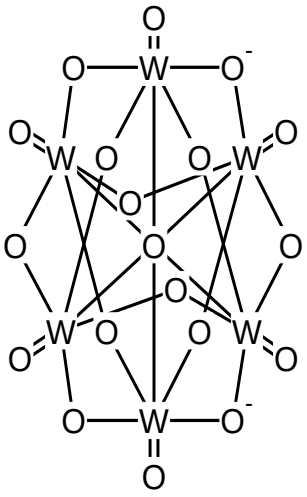
Formula: $C_{64}\ H_{96}\ N_{16}\ Pd_4\ ^{8+},6(N_1\ O_3\ ^{1-}),O_{19}\ W_6\ ^{2-},12(C_2\ H_6\ O_1\ S_1)$

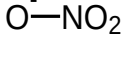
Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N,N',N'-tetramethylethylenediamine-N,N')-tetra-palladium (μ_6-oxo)-dodecakis(μ_2-oxo)-hexaoxo-hexa-tungsten hexanitrate dimethylsulfoxide solvate

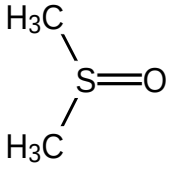
Space Group:	Cmca	***Cell:***	***a***	34.464(0)	***b***	29.939(0)	***c***	15.087(0)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.64 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.806









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2132

REZYUR

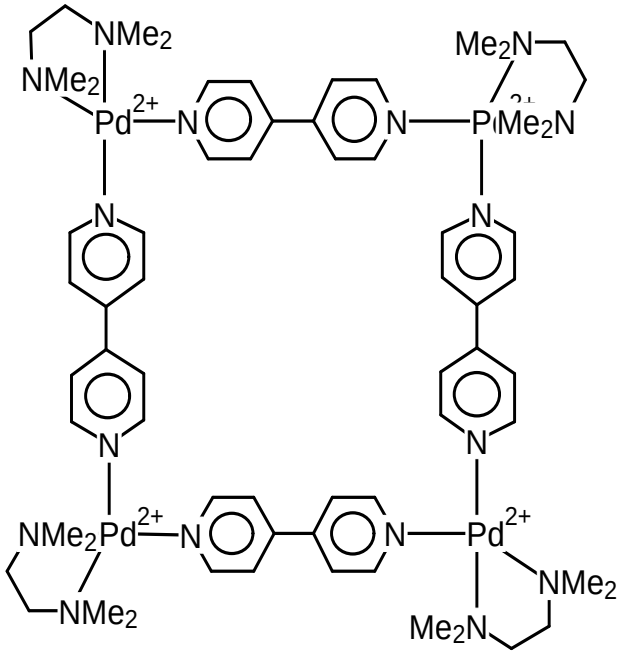
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

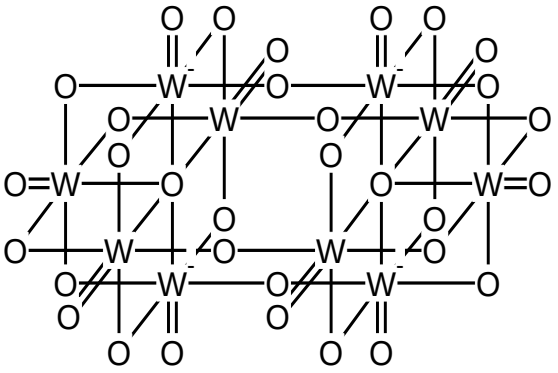
Formula: $C_{64}\ H_{96}\ N_{16}\ Pd_4\ ^{8+}$,2($O_{32}\ W_{10}\ ^{4-}$),x($C_2\ H_6\ O_1\ S_1$)

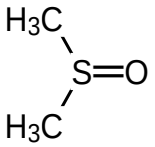
Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N,N',N'-tetramethylethylenediamine-N,N')-tetra-palladium bis(μ_5-oxo)-icosakis(μ_2-oxo)-decaoxo-deca-tungsten dimethylsulfoxide solvate

Space Group:	P-1	***Cell:***	***a***	18.790(2)	***b***	20.633(3)	***c***	22.388(4)
Space Group No.:	2	***(Å,°)***	α	91.01(0)	β	92.82(1)	γ	90.38(0)

R-Factor (%): 9.75 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 2.412







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2133

REZYUR01

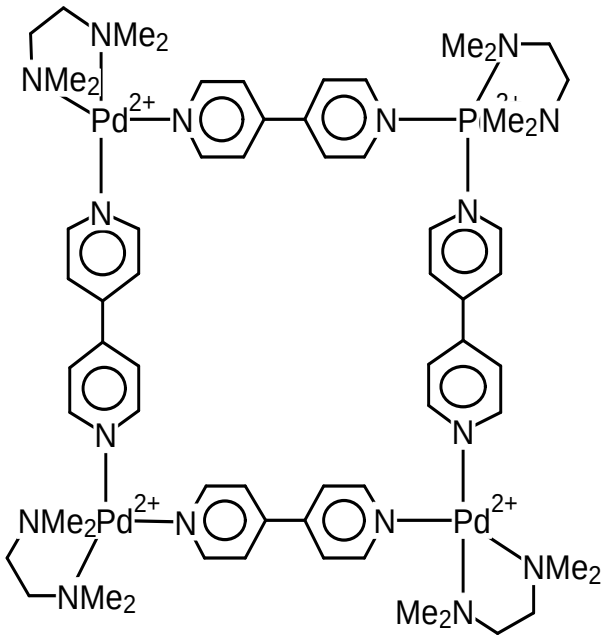
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

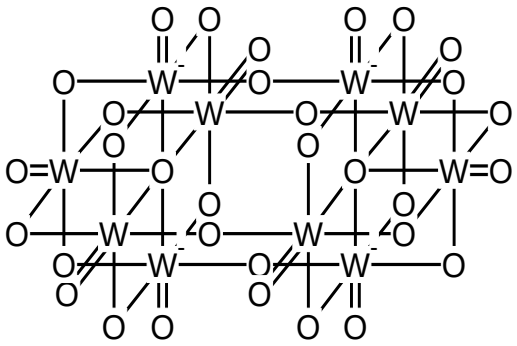
Formula: $C_{64}\ H_{96}\ N_{16}\ Pd_4\ ^{8+}$,2($O_{32}\ W_{10}\ ^{4-}$),x($C_2\ H_6\ O_1\ S_1$)

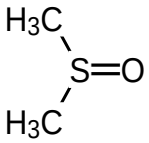
Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N,N',N'-tetramethylethylenediamine-N,N')-tetra-palladium bis(μ_5-oxo)-icosakis(μ_2-oxo)-decaoxo-deca-tungsten dimethylsulfoxide solvate

Space Group:	P-1	***Cell:***	***a***	14.377(0)	***b***	16.989(1)	***c*** 23.647(1)
Space Group No.:	2	***(Å,°)***	α	73.88(0)	β	89.41(0)	γ 72.57(0)

R-Factor (%): 9.78 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.981







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2134

REZZAY

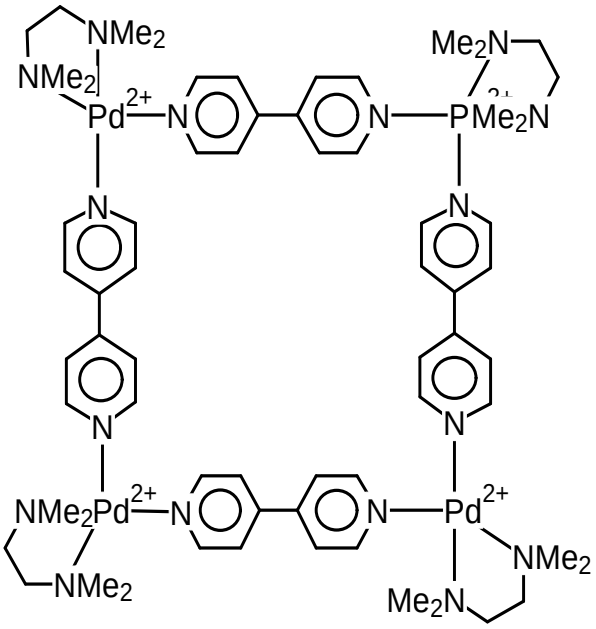
Reference: K.Uehara, K.Kasai, N.Mizuno (2007) *Inorg.Chem.* ,**46,**2563

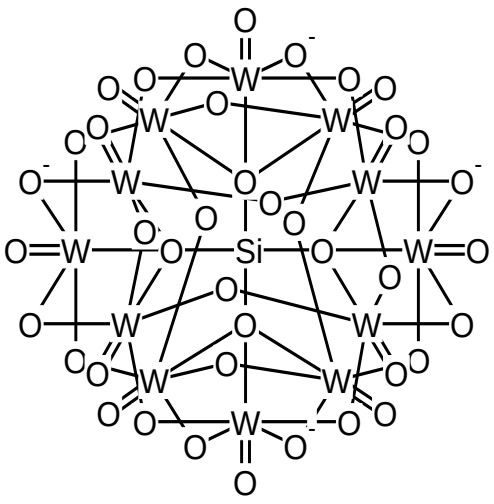
Formula: $C_{64}\ H_{96}\ N_{16}\ Pd_4\ ^{8+}$,2($O_{40}\ Si_1\ W_{12}\ ^{4-}$),7.5($C_2\ H_6\ O_1\ S_1$)

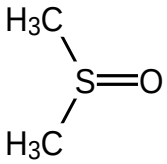
Compound Name: tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(N,N,N',N'-tetramethylethylenediamine-N,N')-tetra-palladium (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten dimethylsulfoxide solvate

Space Group:	P21/n	***Cell:***	***a***	20.482(0)	***b*** 49.337(0)	***c***	27.400(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.03(0)	γ	90.00

R-Factor (%): 7.84 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.992







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2135

RIDBIQ

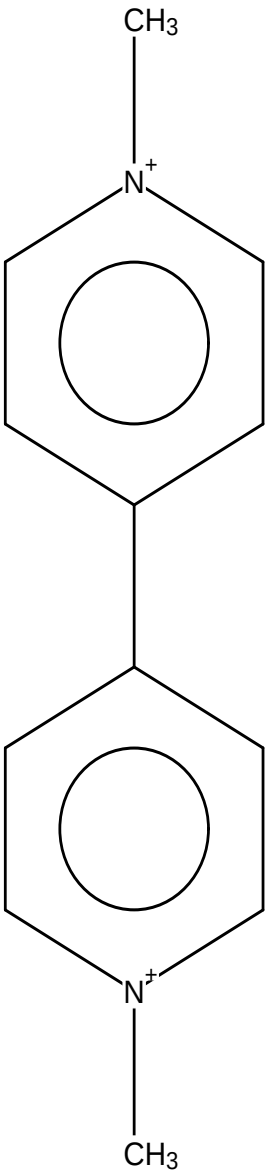
Reference: Gang Xu, Guo-Cong Guo, Ming-Sheng Wang, Zhang-Jing Zhang, Wen-Tong Chen, Jin-Shun Huang (2007) *Angew.Chem.,Int.Ed. ,***46,**3249

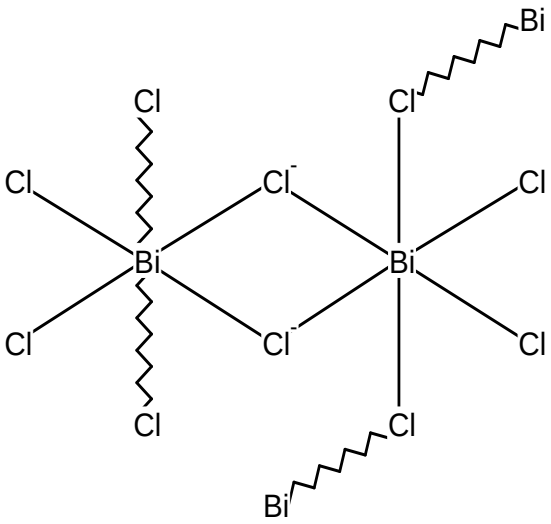
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Bi_2\ Cl_8\ ^{2-})$

Compound Name: catena-[N,N'-Dimethyl-4,4'-bipyridinium tetrakis(μ_2-chloro)-tetrachloro-di-bismuth(iii)]

Synonym: catena-[Methyl viologen tetrakis(μ_2-chloro)-tetrachloro-di-bismuth(iii)]

Space Group:	C2/m	***Cell:***	***a***	9.583(1)	***b*** 21.889(4)	***c***	5.536(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 100.78(3)	γ	90.00
R-Factor (%):	2.06	***Temperature(K):***	293		***Density(g/cm^3):***		2.585





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2136

RIDBIQ01

Reference: Gang Xu, Guo-Cong Guo, Ming-Sheng Wang, Zhang-Jing Zhang, Wen-Tong Chen, Jin-Shun Huang (2007) *Angew.Chem.,Int.Ed. ,***46,**3249

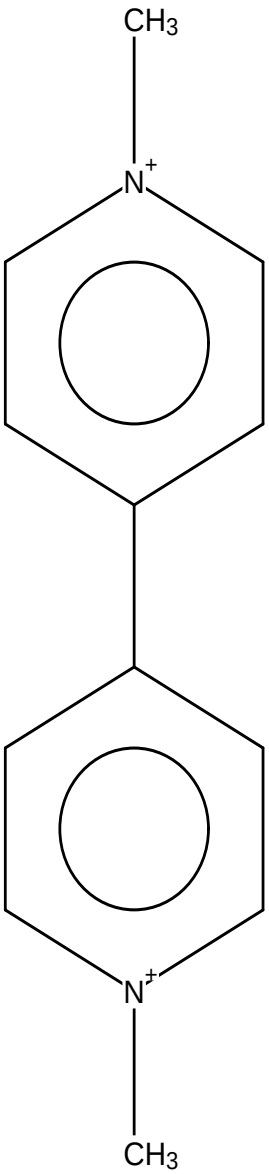
Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(Bi_2\ Cl_8\ ^{2-})$

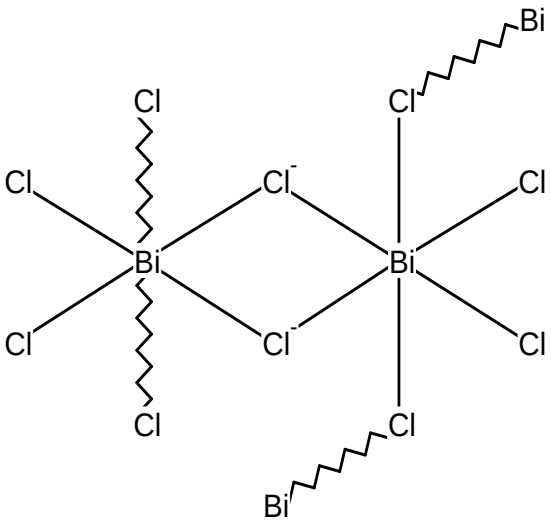
Compound Name: catena-[N,N'-Dimethyl-4,4'-bipyridinium tetrakis(μ_2-chloro)-tetrachloro-di-bismuth(iii)]

Synonym: catena-[Methyl viologen tetrakis(μ_2-chloro)-tetrachloro-di-bismuth(iii)]

Space Group:	C2/m	***Cell:***	***a***	9.550(1)	***b*** 21.850(3)	***c***	5.525(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 100.72(0)	γ	90.00

R-Factor (%): 2.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.603





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2137

RIDWUX

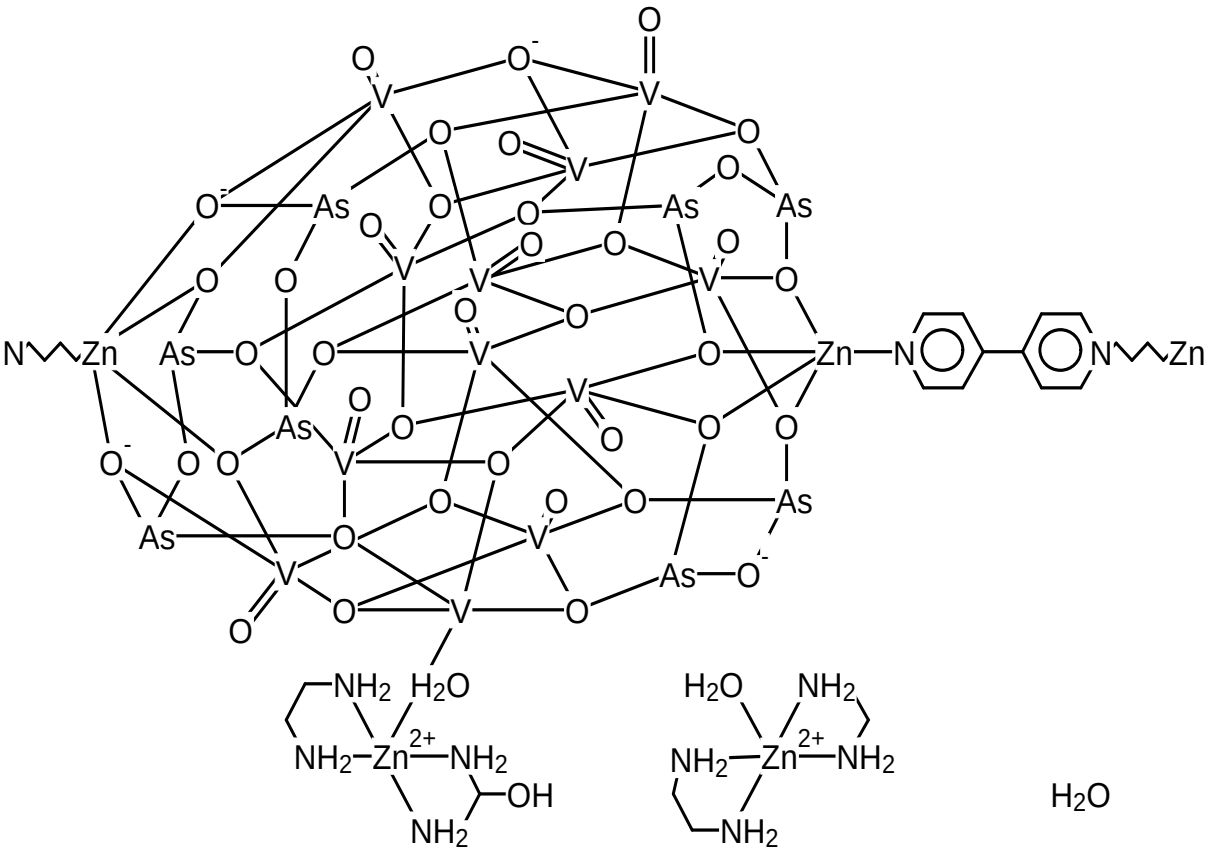
Reference: Yanfei Qi, Yangguang Li, Chao Qin, Enbo Wang, Hua Jin, Dongrong Xiao, Xinglong Wang, Song Chang (2007) *Inorg.Chem. ,***46,** 3217

Formula: $(C_{14}\ H_{26}\ As_8\ N_6\ O_{41}\ V_{12}\ Zn_3\ ^{2-})n,n(C_4\ H_{18}\ N_4\ O_1\ Zn_1\ ^{2+}),3n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_6-diarsenato)-octakis(μ_3-oxo)-(μ_2-aqua)-(μ_2-bipyridine-N,N')-(1,2-diaminoethane-N,N')-(1,2-diamino-1-hydroxyethane-N,N')-undecaoxo-dodeca-vanadium-tri-zinc aqua-bis(1,2-diaminoethane-N,N')-zinc trihydrate)

Space Group:	P21/n	***Cell:***	***a***	15.037(3)	***b*** 15.974(3)	***c***	31.224(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.16(3)	γ	90.00

R-Factor (%): 7.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.346



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2138

RIDXAE

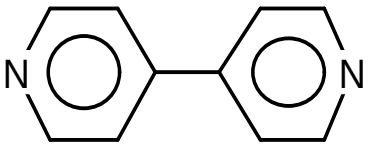
Reference: Yanfei Qi, Yangguang Li, Chao Qin, Enbo Wang, Hua Jin, Dongrong Xiao, Xinglong Wang, Song Chang (2007) *Inorg.Chem. ,***46,** 3217

Formula: $(C_{24}\ H_{100}\ As_{16}\ N_{24}\ O_{80}\ V_{24}\ Zn_8)n,0.5n(C_{10}\ H_8\ N_2),8n(H_2\ O_1)$

Compound Name: catena-(octakis(μ_6-diarsenato)-hexadecakis(μ_3-oxo)-bis(μ_2-aqua)-tetrakis(μ_2-1,2-diaminoethane-N,N')-octakis(1,2-diaminoethane-N,N')-docosaoxo-tetracosa-vanadium-octa-zinc 4,4'-bipyridine solvate octahydrate)

Space Group:	P21/n	***Cell:***	***a***	19.665(4)	***b***	28.701(6)	***c*** 27.002(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.87(3)	γ 90.00

R-Factor (%): 7.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.259



H_2O

n-$V_{24}Zn_8[\mu_6\text{-}As_2O_5]_8[\mu_3\text{-}O]_{16}$--
--$[\mu_2\text{-}C_2H_8N_2\text{-}\kappa^2N,N']_4[\mu_2\text{-}H_2O]_2$--
--$[C_2H_8N_2\text{-}\kappa^2N,N']_8[O]_{22}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2139

RIDXIM

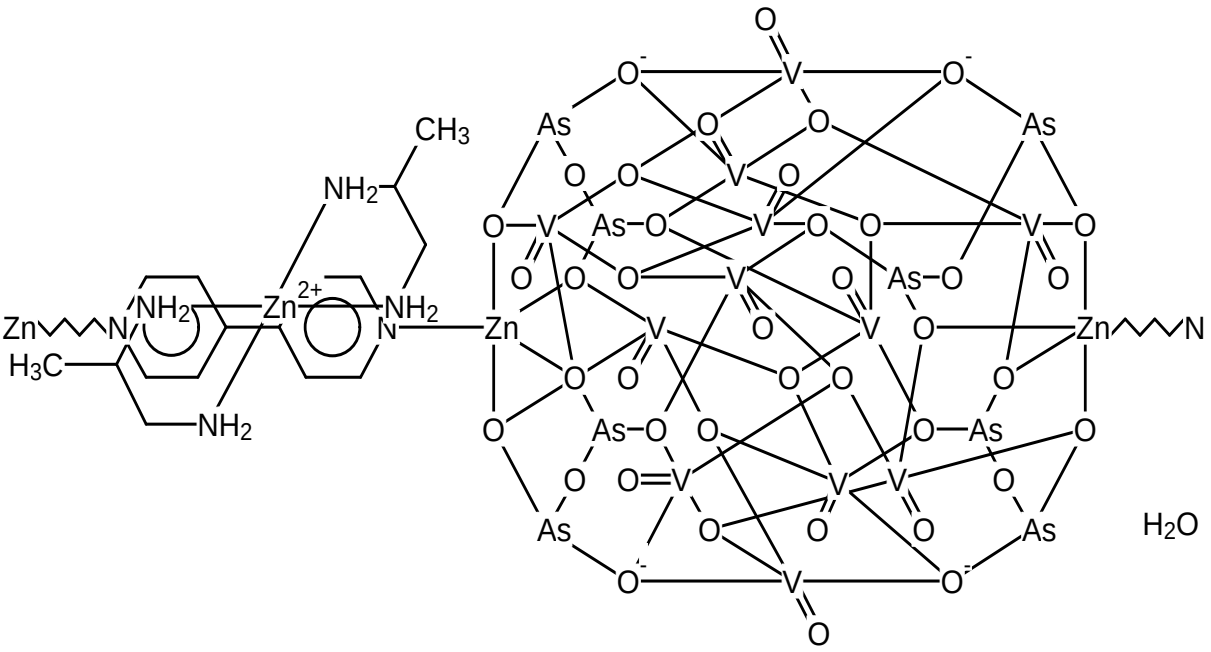
Reference: Yanfei Qi, Yangguang Li, Chao Qin, Enbo Wang, Hua Jin, Dongrong Xiao, Xinglong Wang, Song Chang (2007) *Inorg.Chem. ,***46,** 3217

Formula: $(C_{10}\ H_8\ As_8\ N_2\ O_{40}\ V_{12}\ Zn_2\ ^{4-})n,2n(C_6\ H_{20}\ N_4\ Zn_1\ ^{2+}),n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_6-diarsenato)-octakis(μ_3-oxo)-(μ_2-4,4'-bipyridine-N,N')-dodecaoxo-dodeca-vanadium-di-zinc bis(1,2-diaminopropane-N,N')-zinc monohydrate)

Space Group:	C2/c	***Cell:***	***a***	16.420(3)	***b*** 18.624(4)	***c***	26.339(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.08(3)	γ	90.00

R-Factor (%): 7.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.163



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2140

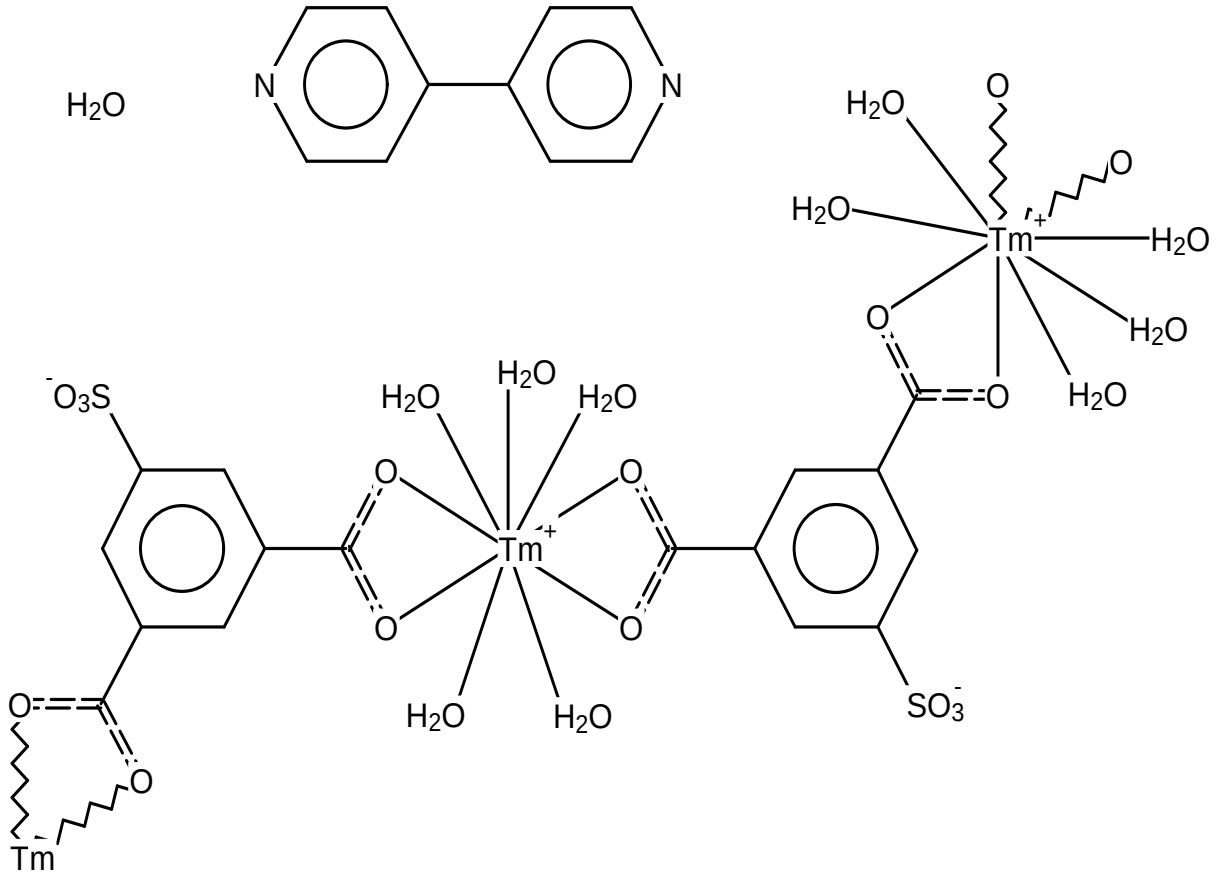
RIGFIX

Reference: Yu-Ling Wang, Qing-Yan Liu, Li Xu (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**63,**m304

Formula: $(C_{10}\ H_8\ N_2)3n,n(H_2\ O_1),n(C_{16}\ H_{26}\ O_{24}\ S_2\ Tm_2)$

Compound Name: catena-[bis(μ_2-(5-Sulfonatobenzene-1,3-dicarboxylato))-deca-aqua-di-thulium(iii) tris(4,4'-bipyridyl) monohydrate]

Space Group:	C2/c	***Cell:***	***a***	30.516(5)	***b*** 10.814(1)	***c***	17.350(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 111.80(0)	γ	90.00
R-Factor (%):	2.26	***Temperature(K):***	130		***Density(g/cm^3):***		1.863



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2141

RIJCES

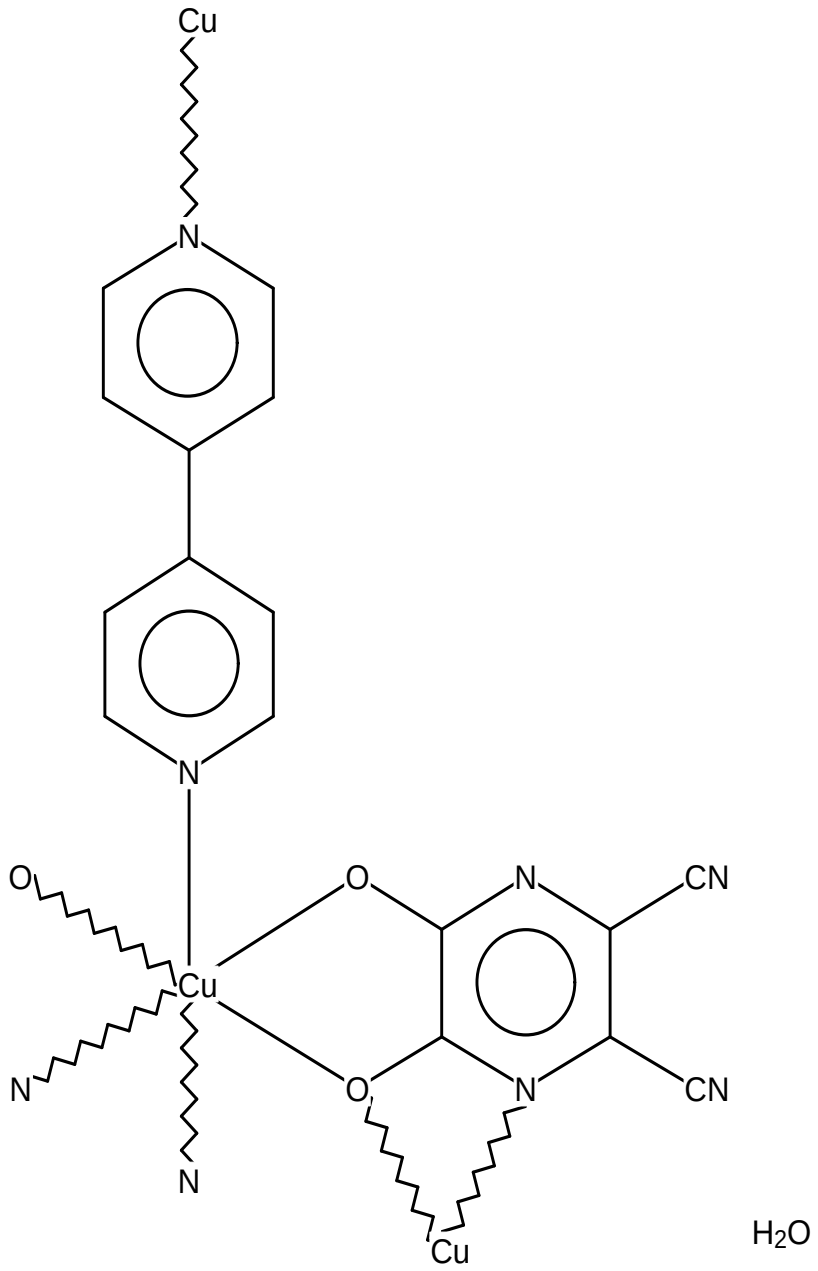
Reference: K.Adachi, Y.Sugiyama, H.Kumagai, K.Inoue, S.Kitagawa, S.Kawata (2001) *Polyhedron ,***20,**1411

Formula: $(C_{16}\ H_8\ Cu_1\ N_6\ O_2)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-(μ_2-5,6-dioxypyrazine-2,3-dicarbonitrile-N,O,O,O')-copper(ii) trihydrate)

Space Group:	P21/n	***Cell:***	***a*** 17.878(3)	***b*** 9.895(2)	***c*** 11.115(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 106.17(1)	γ 90.00

R-Factor (%): 13.53 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.526



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2142

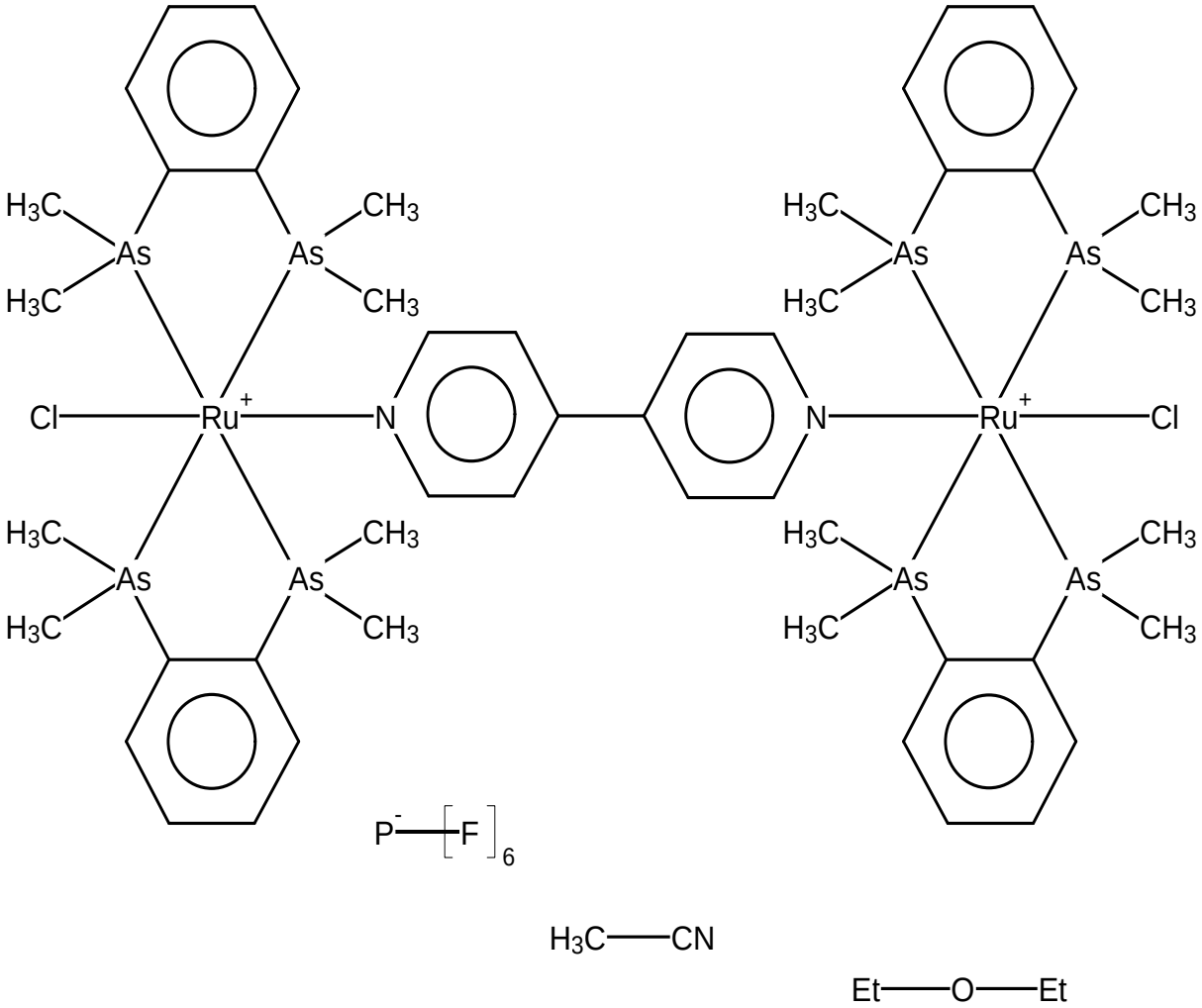
RIMKIH

Reference: B.J.Coe, S.Hayat, R.L.Beddoes, M.Helliwell, J.C.Jeffery, S.R.Batten, P.S.White (1997) *J.Chem.Soc.,Dalton Trans.* ,591

Formula: $C_{50}\ H_{72}\ As_8\ Cl_2\ N_2\ Ru_2\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),2($C_2\ H_3\ N_1$),$C_4\ H_{10}\ O_1$

Compound Name: trans-(μ_2-4,4'-Bipyridyl)-bis(bis(1,2-bis(dimethylarsino)benzene)-chloro-ruthenium) bis(hexafluorophosphate) acetonitrile diethyl ether solvate

Space Group:	Pccn	***Cell:***	***a***	14.813	***b***	32.066	***c*** 16.562
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.39	***Temperature(K):***	107		***Density(g/cm^3):***		1.705



Search: search1 (Thu May 26 10:05:42 2011): Hit 2143

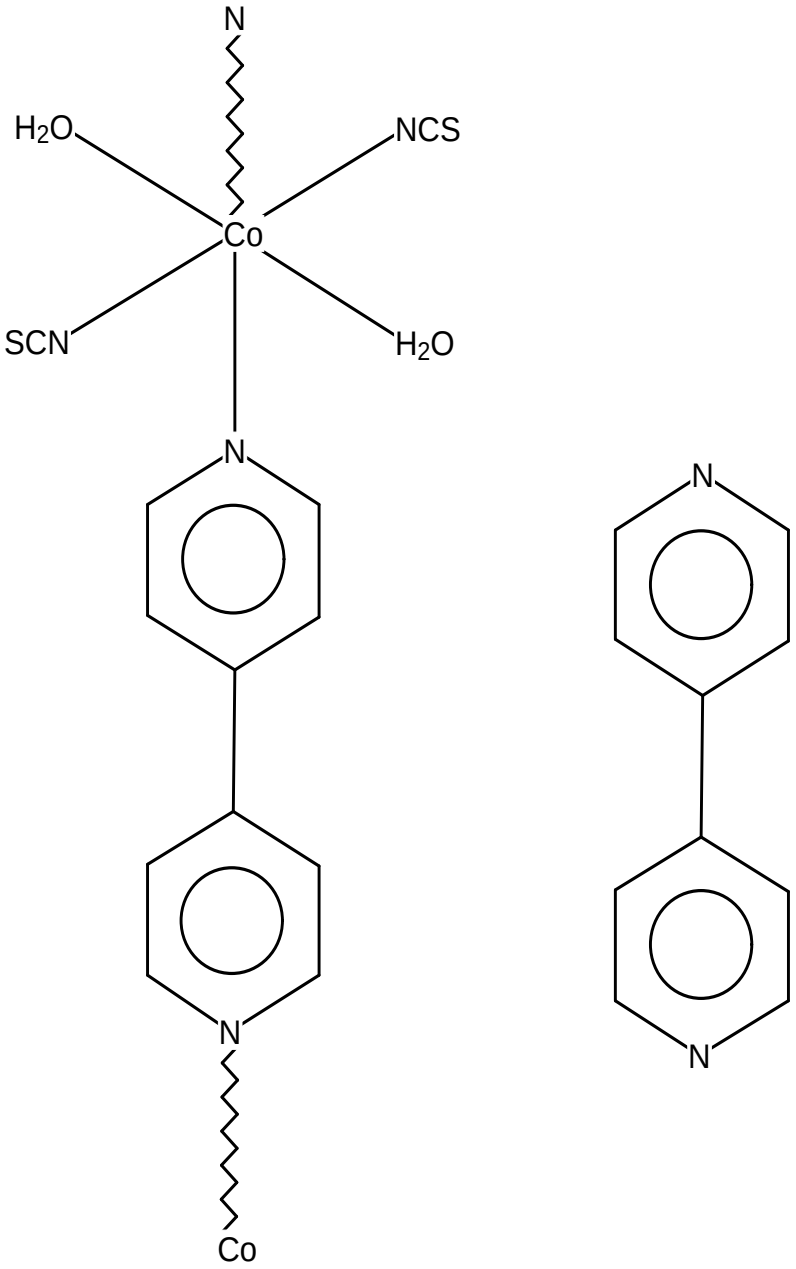
RINPOT

Reference: J.Lu, T.Paliwala, S.C.Lim, C.Yu, T.Niu, A.J.Jacobson (1997) *Inorg.Chem.* ,**36,**923

Formula: $(C_{12}\ H_{12}\ Co_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-diaqua-di-isothiocyanato-cobalt(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	7.450(1)	***b***	9.020(1)	***c*** 10.122(1)
Space Group No.:	2	***(Å,°)***	α	107.74(1)	β	104.02(1)	γ 97.16(1)
R-Factor (%):	3.85	***Temperature(K):***	295		***Density(g/cm^3):***		1.416



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2144

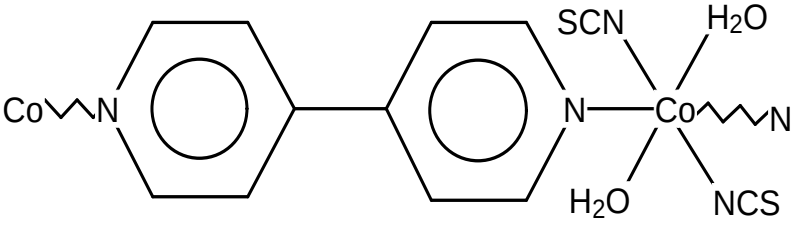
RINPOT01

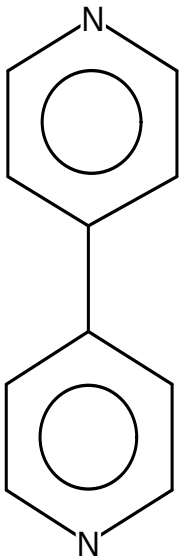
Reference: R.Yao, D.E.Wang (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m813

Formula: $(C_{12}\ H_{12}\ Co_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-diaqua-bis(isothiocyanato)-cobalt(ii) 4,4'-bipyridine solvate]

Space Group:	P-1	***Cell:***	***a*** 7.443(1)	***b*** 9.015(1)	***c*** 10.111(1)
Space Group No.:	2	***(Å,°)***	α 107.77(0)	β 103.98(0)	γ 97.04(0)
R-Factor (%):	4.23	***Temperature(K):***	293	***Density(g/cm^3):***	1.419





Search: search1 (Thu May 26 10:05:42 2011): Hit 2145

RINPUZ

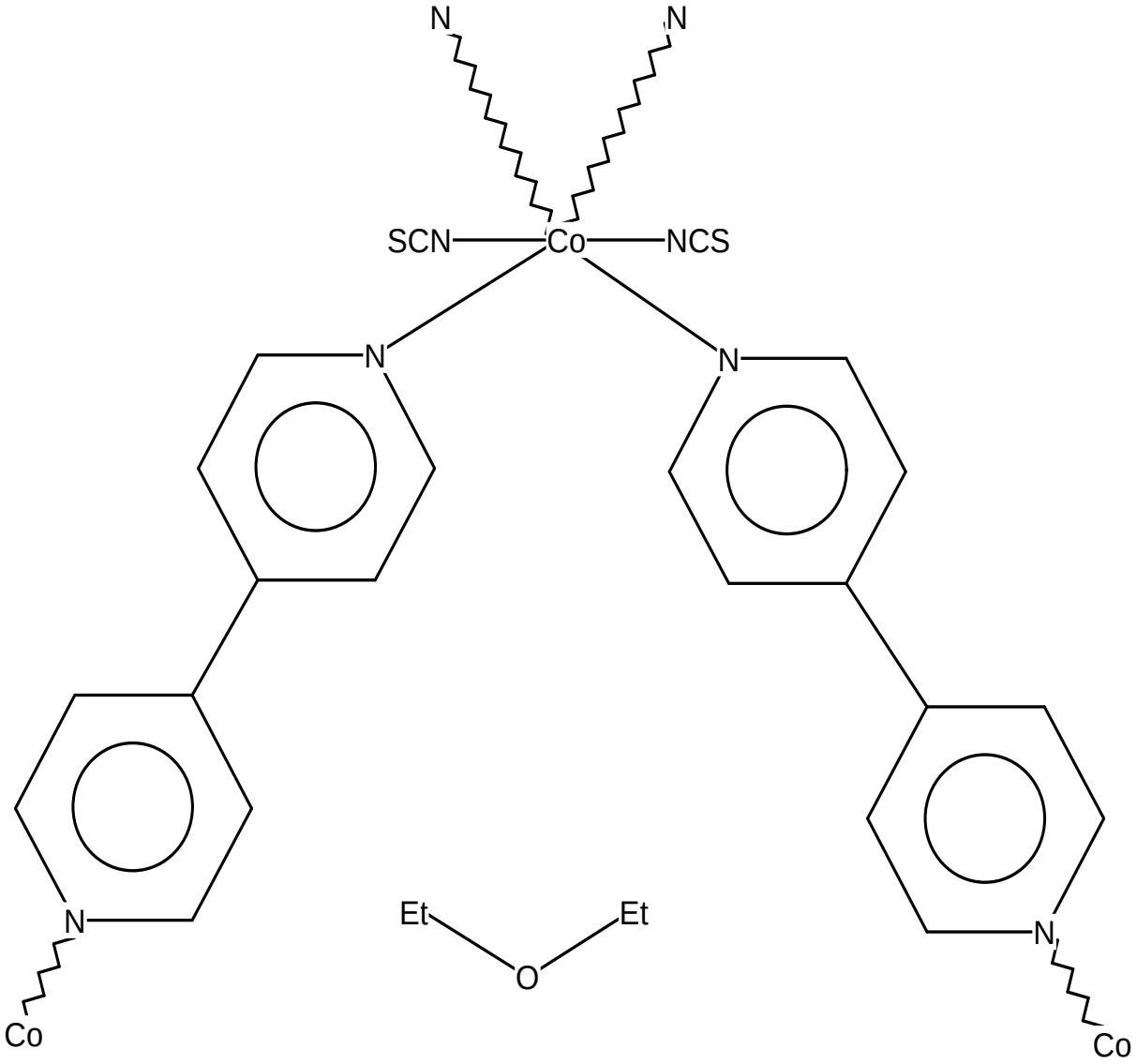
Reference: J.Lu, T.Paliwala, S.C.Lim, C.Yu, T.Niu, A.J.Jacobson (1997) *Inorg.Chem.* ,**36,**923

Formula: $(C_{22}\ H_{16}\ Co_1\ N_6\ S_2)n,2n(C_4\ H_{10}\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl-N,N')-di-isothiocyanato-cobalt(ii) diethyl ether solvate)

Space Group:	P2/c	***Cell:***	***a***	11.483(2)	***b*** 11.397(3)	***c***	13.609(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 107.55(1)	γ	90.00

R-Factor (%): 6.98 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.243



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2146

RIPSUF

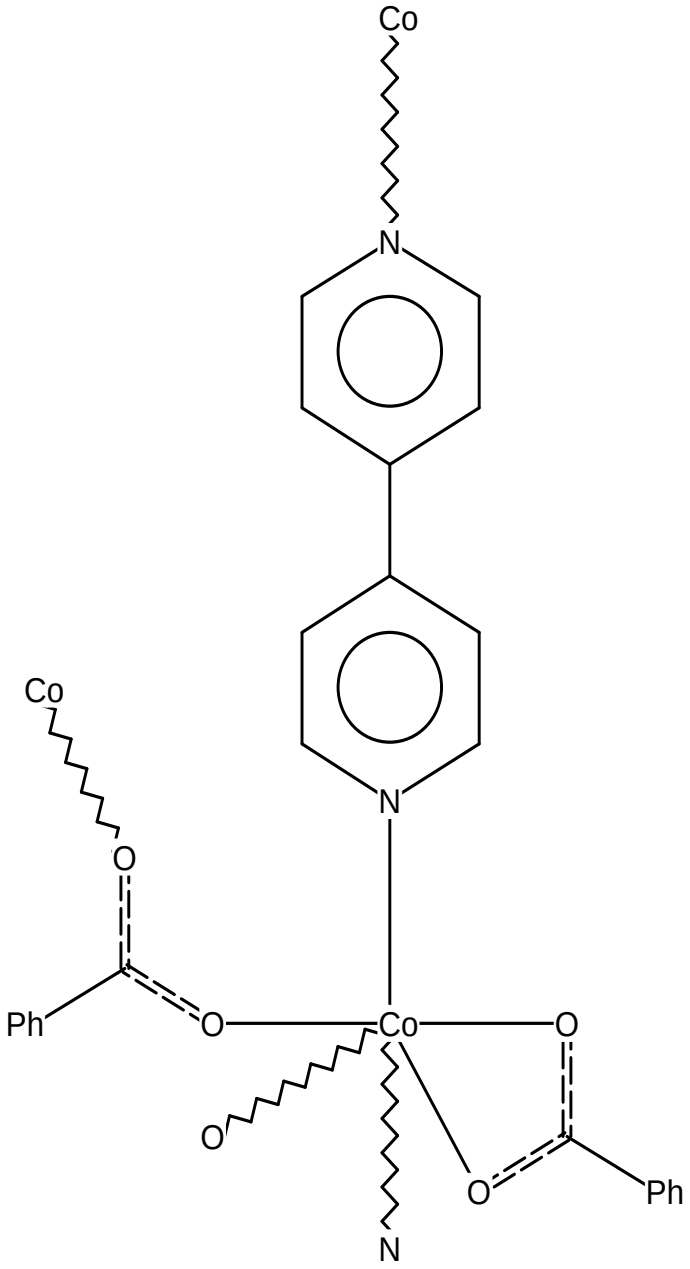
Reference: Zhao-Xia Zhang, Yong Li, Ke-Chang Li, Wen-Dong Song, Qiu-Shun Li (2007) *Inorg.Chem.Commun.* ,**10,**1276

Formula: $(C_{24}\ H_{18}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-Benzoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-(benzoato-O,O')-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a***	10.996(2)	***b*** 22.689(5)	***c***	9.393(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.48(3)	γ	90.00

R-Factor (%): 5.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.403



Search: search1 (Thu May 26 10:05:42 2011): Hit 2147

RIPSUF01

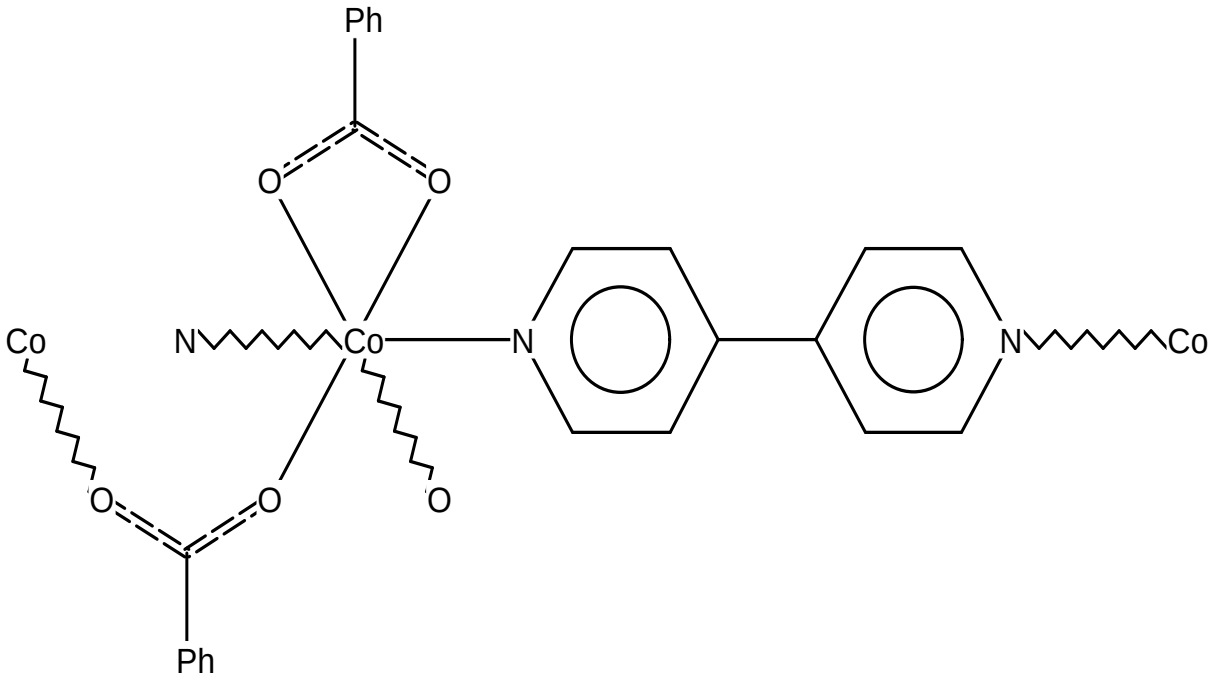
Reference: Young Joo Song, Han Kwak, Young Min Lee, Soo Hyun Kim, Sun Hwa Lee, Byeong Kwon Park, Je Yeol Jun, Seung Man Yu, Cheal Kim, Sung-Jin Kim, Youngmee Kim (2009) *Polyhedron ,***28,**1241

Formula: $(C_{24}\ H_{18}\ Co_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_2-Benzoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-(benzoato-O,O')-cobalt(ii)]

Space Group:	P21/c	***Cell:***	***a***	10.989(1)	***b*** 22.643(3)	***c***	9.398(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.46(0)	γ	90.00

R-Factor (%): 4.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.406



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2148

RIRNOW

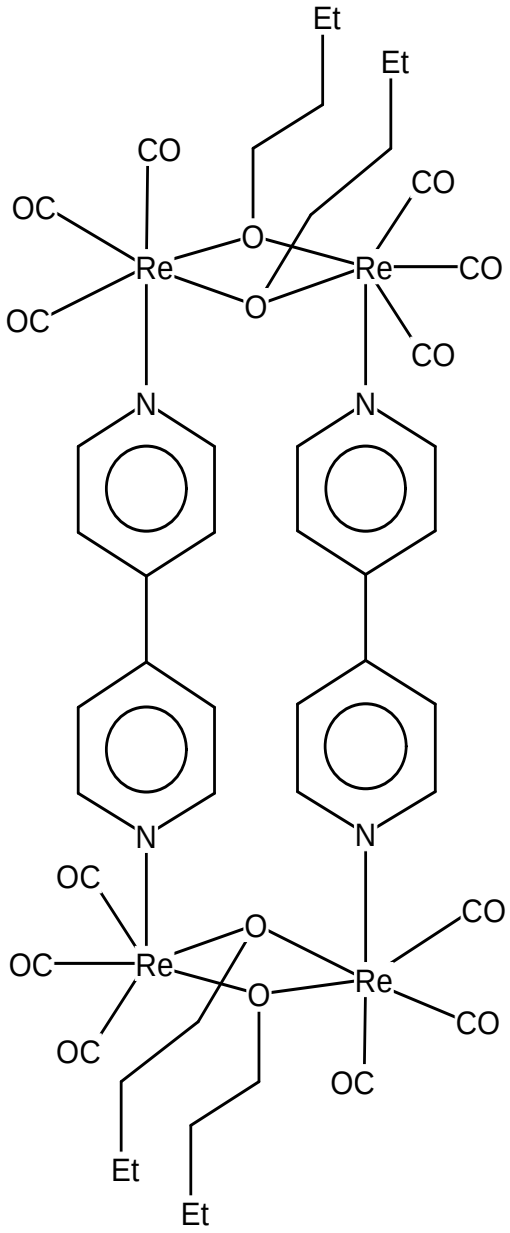
Reference: P.Thanasekaran, Jing-Yun Wu, B.Manimaran, T.Rajendran, I-Jy Chang, S.Rajagopal, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2007) *J.Phys.Chem.A* ,**111,**10953

Formula: $C_{48}\,H_{52}\,N_4\,O_{16}\,Re_4$

Compound Name: bis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-butoxo)-dodecacarbonyl-tetra-rhenium(i)

Space Group:	P21/n	***Cell:***	***a***	9.280(1)	***b***	18.613(2)	***c*** 15.189(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.90(2)	γ 90.00

R-Factor (%): 3.07 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.139



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2149

RIRREQ

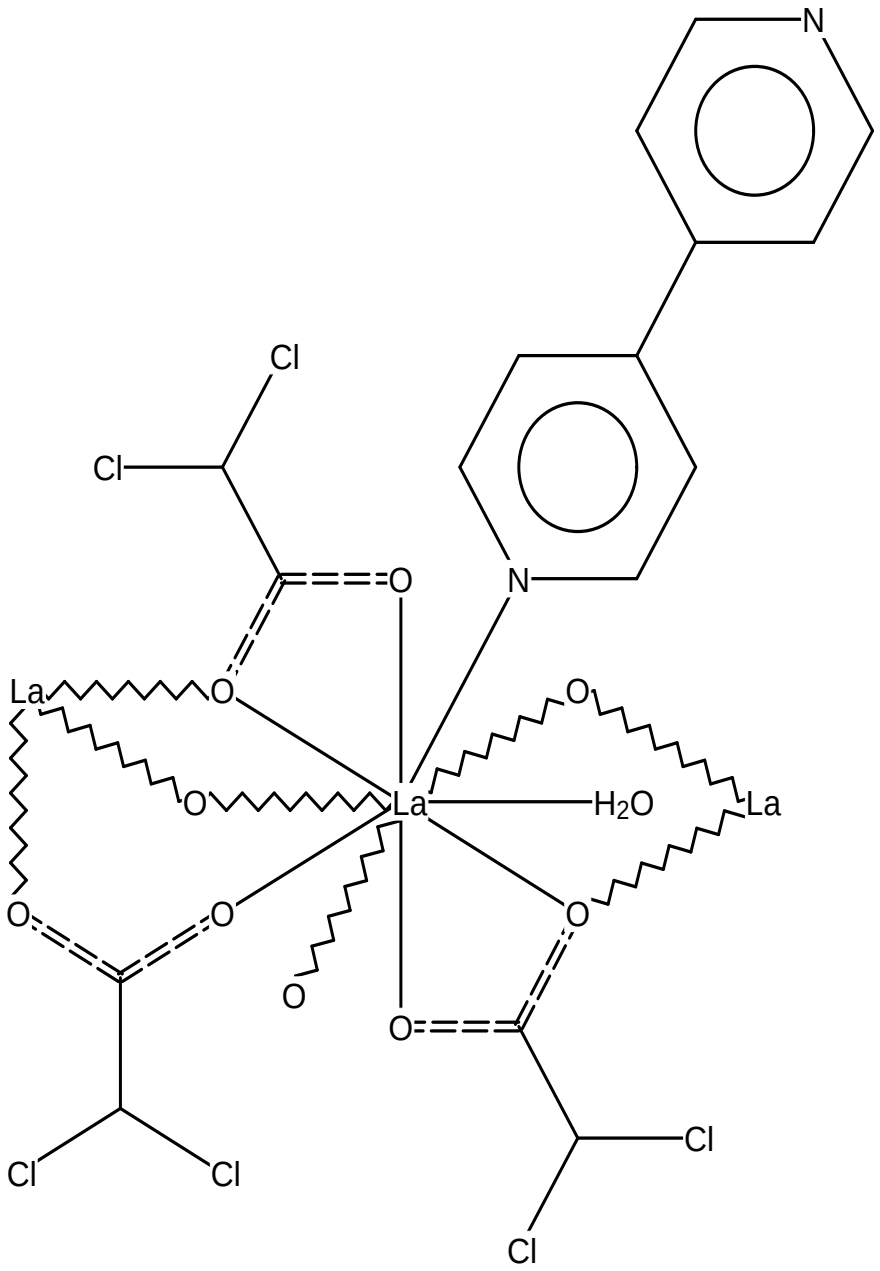
Reference: A.Czylkowska, R.Kruszynski, D.Czakis-Sulikowska, M.Markiewicz (2007) *J.Coord.Chem.* ,**60,**2659

Formula: $(C_{16}\ H_{13}\ Cl_6\ La_1\ N_2\ O_7)n$

Compound Name: catena-[bis(μ_2-Dichloroacetato-O,O,O')-(μ_2-dichloroacetato-O,O')-(4,4'-bipyridine-N)-aqua-lanthanum(iii)]

Space Group:	C2/c	***Cell:***	***a***	19.480(1)	***b*** 16.322(0)	***c***	15.966(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 113.68(0)	γ	90.00

R-Factor (%): 3.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.991



Search: search1 (Thu May 26 10:05:42 2011): Hit 2150

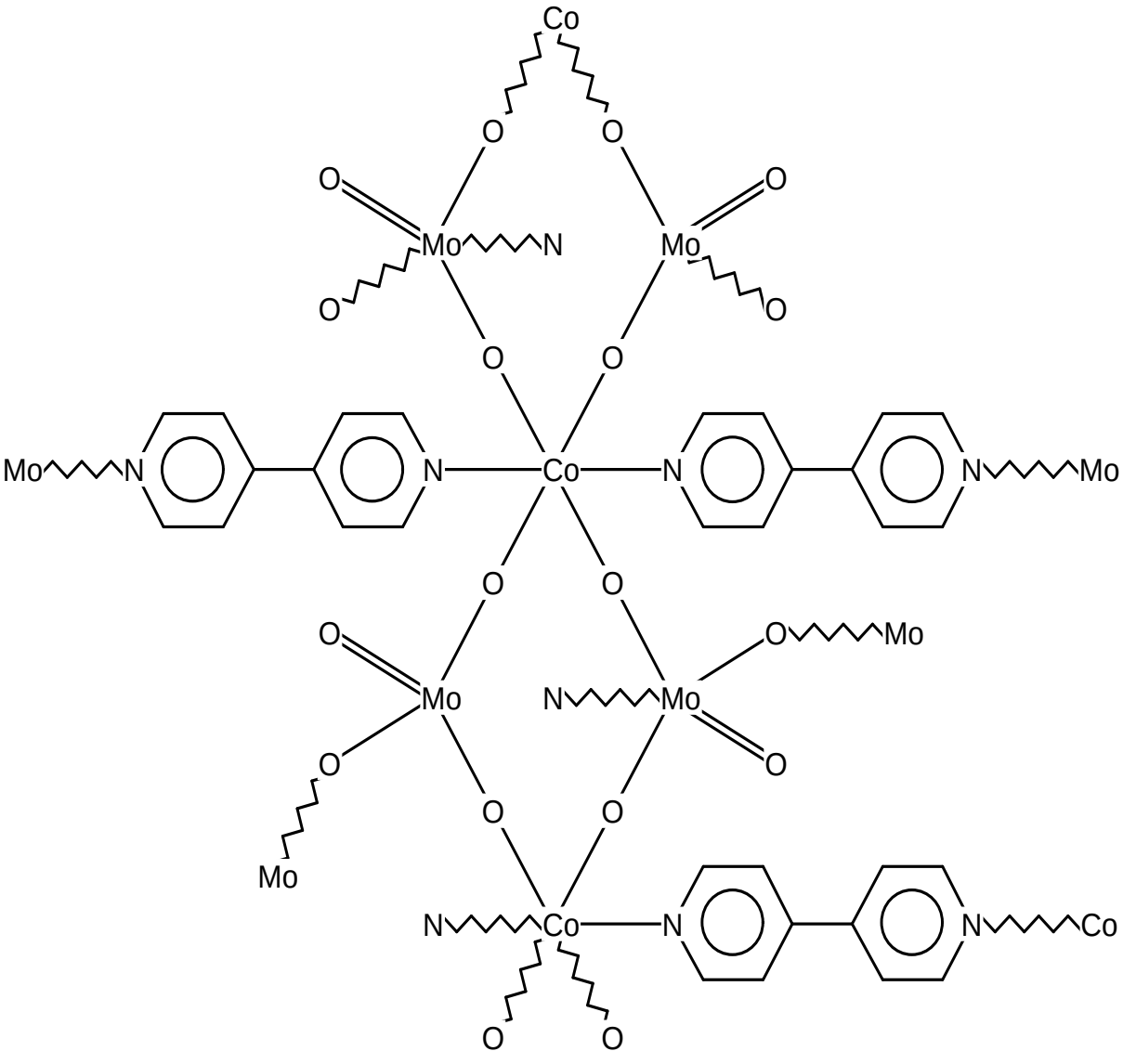
RIRRIU

Reference: Chun-Mei Wang, Yan-Qiong Sun, Guo-Yu Yang (2007) *J.Coord.Chem.* ,**60,**2629

Formula: $(C_{30}\ H_{24}\ Co_2\ Mo_4\ N_6\ O_{14})n$

Compound Name: catena-[decakis(μ_2-Oxo)-tris(μ_2-4,4'-bipyridine)-tetra-oxo-di-cobalt-tetra-molybdenum(vi)]

Space Group:	P-1	***Cell:***	***a***	7.195(0)	***b***	11.171(1)	***c*** 11.451(1)
Space Group No.:	2	***(Å,°)***	α	98.55(0)	β	90.31(0)	γ 105.78(0)
R-Factor (%):	4.96	***Temperature(K):***	293	***Density(g/cm^3):***	2.267		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2151

RISMOW

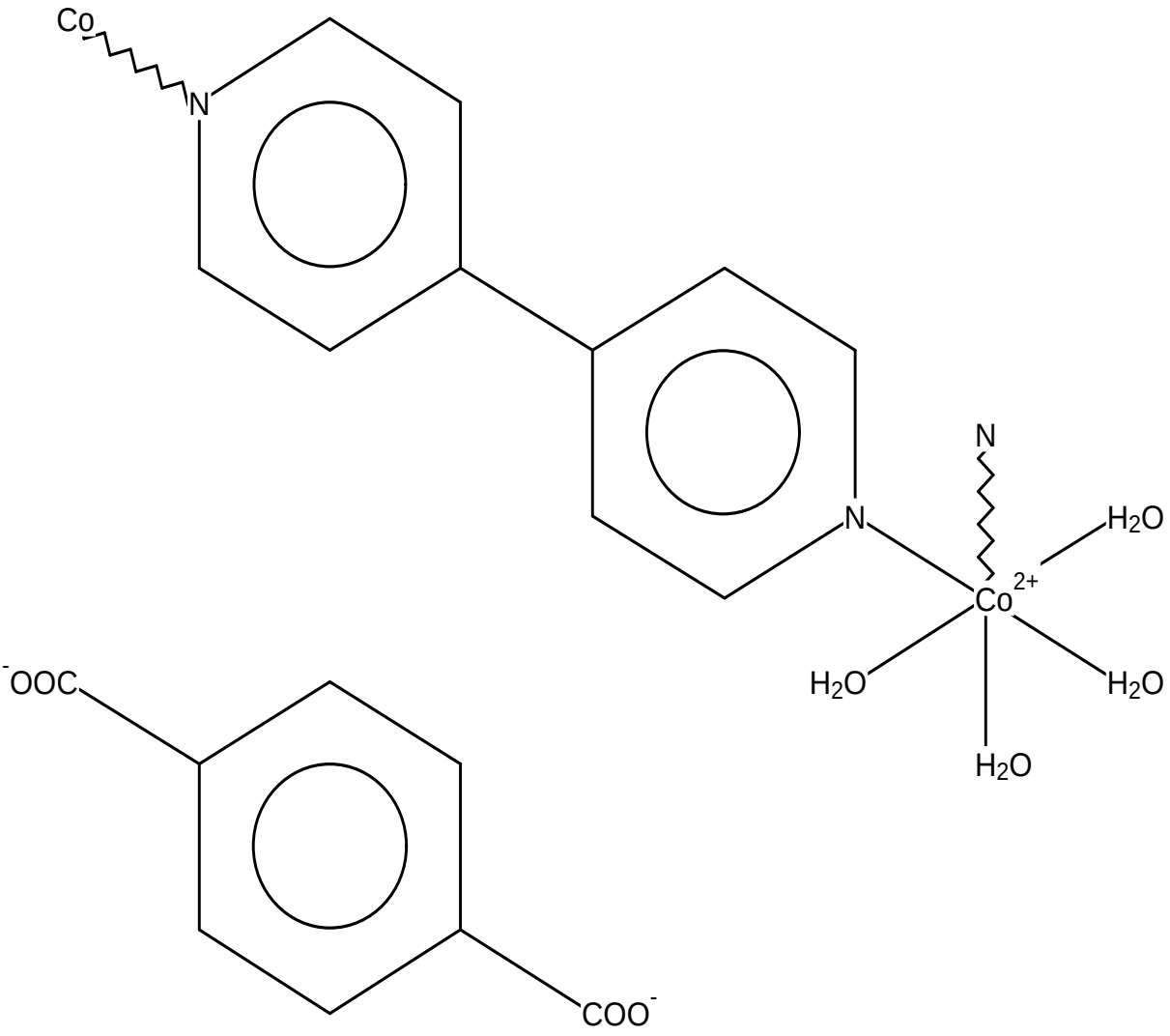
Reference: Haiyun Xu (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m103

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-})$

Compound Name: catena-($(\mu_2$-Bipyridine-N,N')-tetra-aqua-cobalt(ii) terephthalate)

Space Group:	P2/c	***Cell:***	***a***	6.952(1)	***b*** 11.309(3)	***c***	12.047(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 113.44(1)	γ	90.00

R-Factor (%): 3.54 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.725



Search: search1 (Thu May 26 10:05:42 2011): Hit 2152

RISPOZ

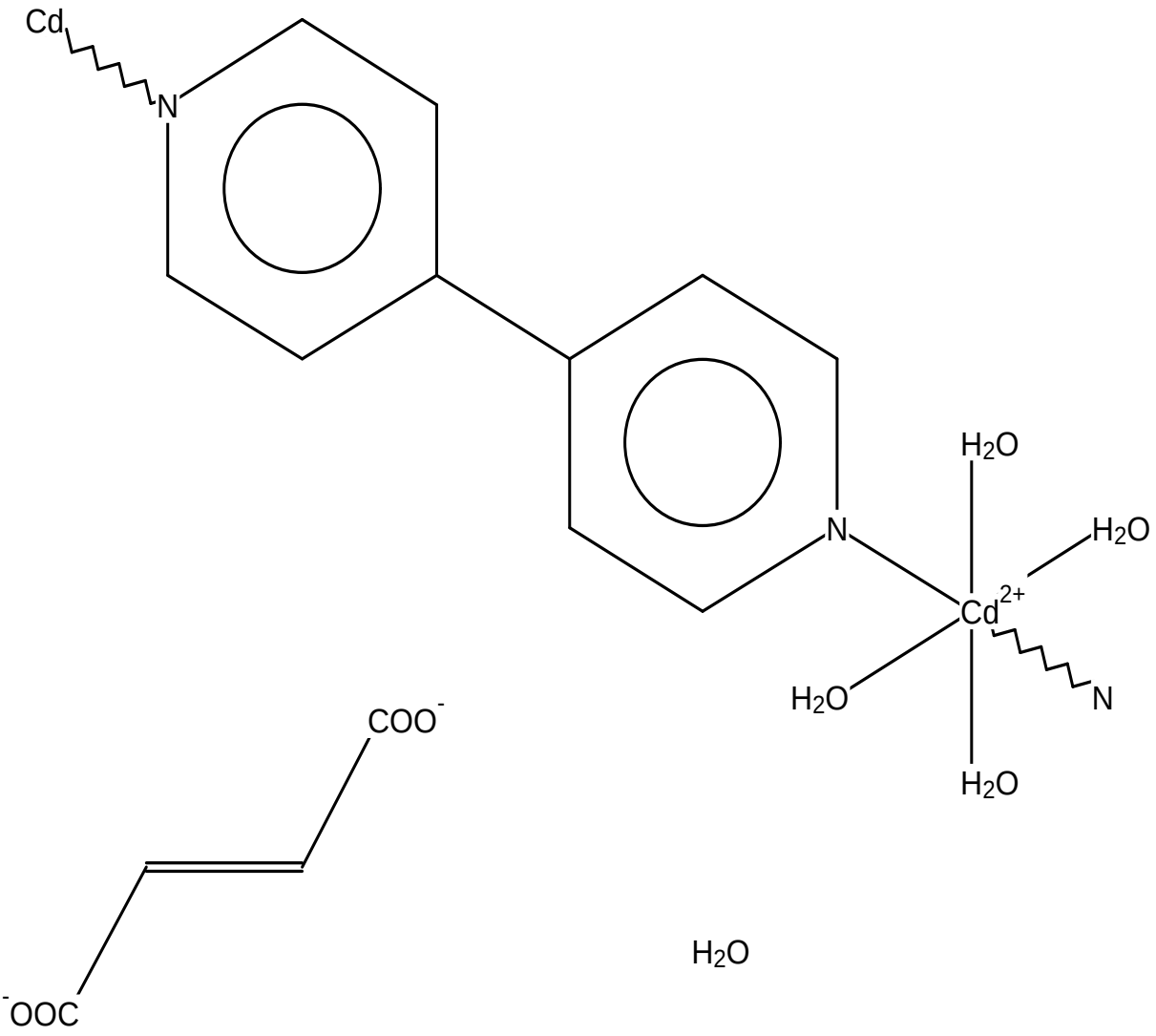
Reference: Ya-Ru Pan (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m192

Formula: $(C_{10}\ H_{16}\ Cd_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-tetra-aqua-cadmium(ii) fumarate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.183(5)	***b***	7.802(5)	***c***	10.038(5)
Space Group No.:	2	***(Å,°)***	α	80.43(0)	β	87.79(0)	γ	73.29(0)

R-Factor (%):	2.83	***Temperature(K):***	293	***Density(g/cm^3):***	1.646



Search: search1 (Thu May 26 10:05:42 2011): Hit 2153

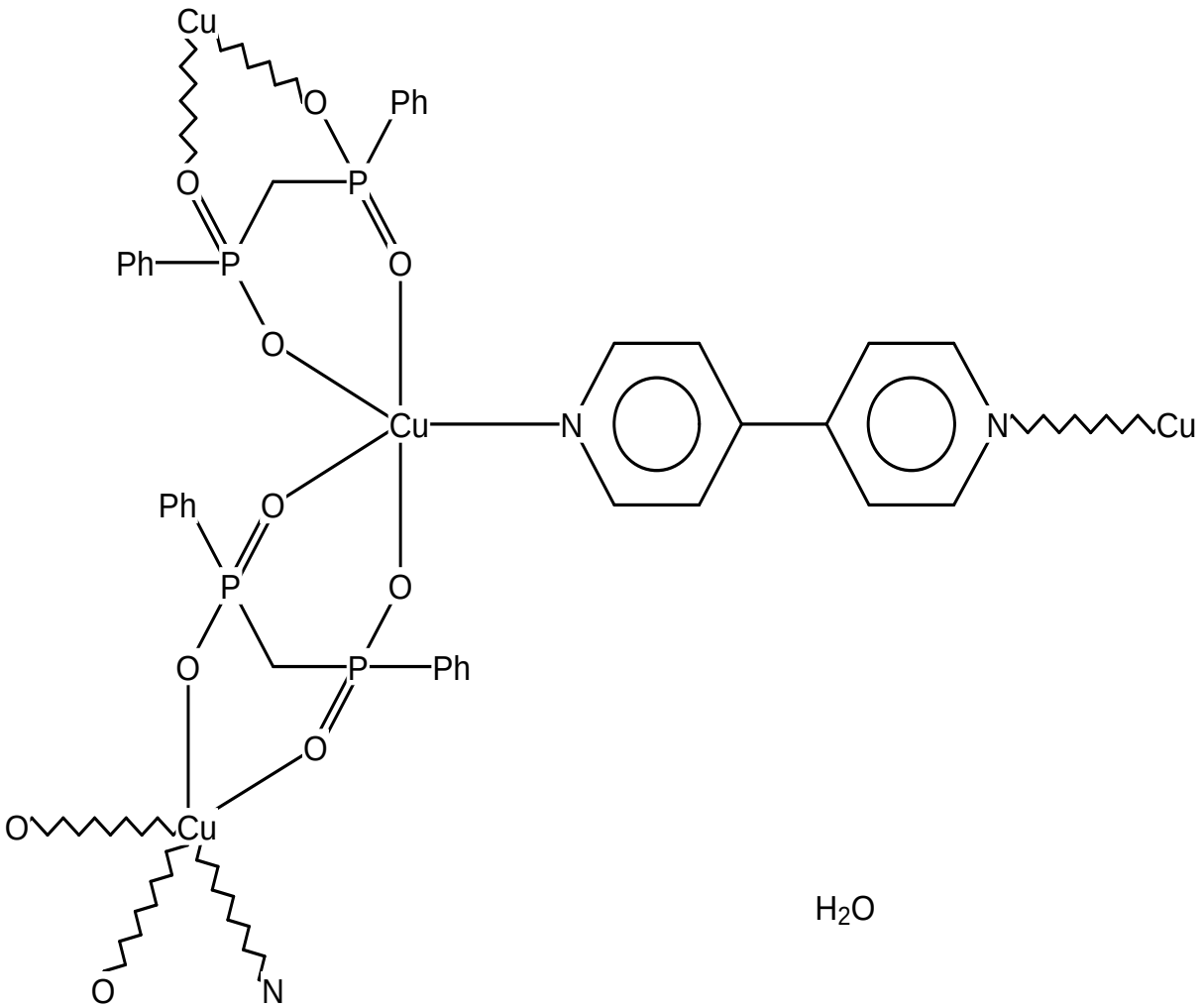
RITTIY

Reference: T.Bataille, F.Costantino, P.Lorenzo-Luis, S.Midollini, A.Orlandini (2008) *Inorg.Chim.Acta* ,**361,**9

Formula: $(C_{36}\ H_{32}\ Cu_2\ N_2\ O_8\ P_4)n,5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-P,P'-diphenylmethylenediphosphinato)-(μ_2-4,4'-bipyridine)-di-copper(ii) pentahydrate)

Space Group:	I41/a	***Cell:***	***a***	42.260(10)	***b***	42.260(10)	***c***	9.636(9)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	5.84	***Temperature(K):***	293		***Density(g/cm^3):***		1.485	



Search: search1 (Thu May 26 10:05:42 2011): Hit 2154

RIVBOO

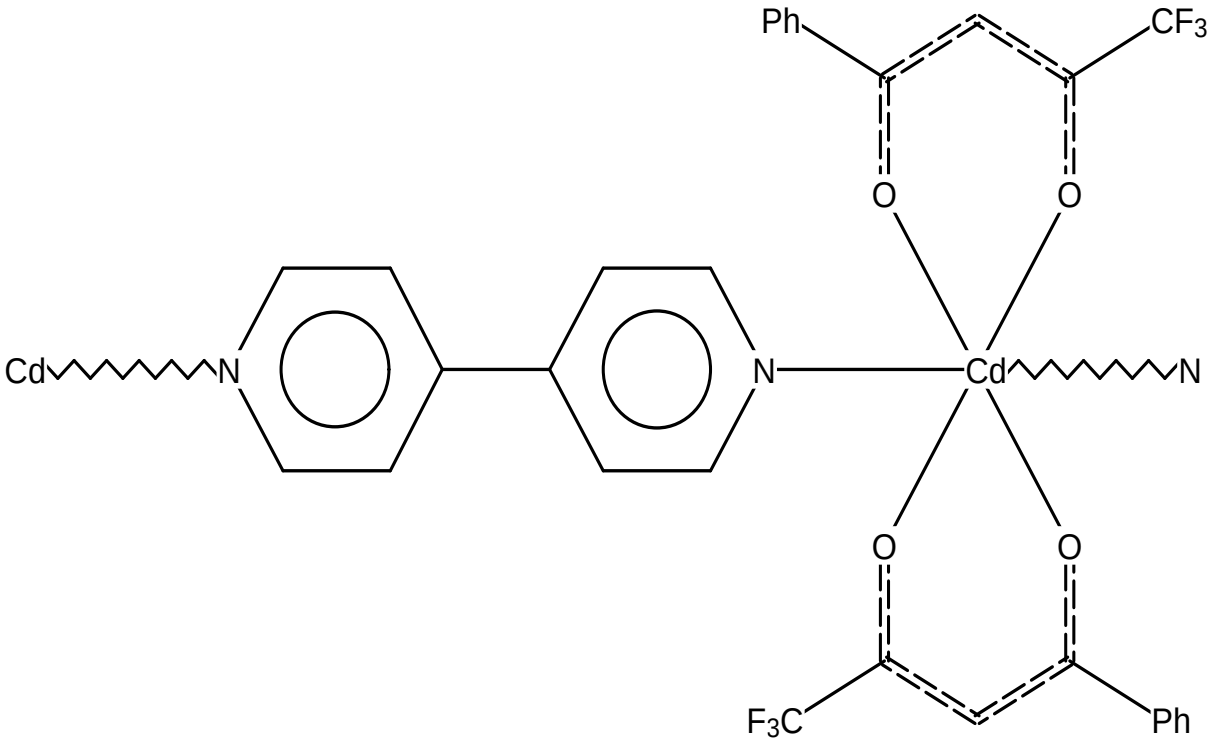
Reference: F.Marandi, A.A.Soudi, A.Morsali, Long-Guan Zhu (2007) *J.Coord.Chem.* ,**60,**2107

Formula: $(C_{30}\ H_{20}\ Cd_1\ F_6\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(4,4,4-trifluoro-1-phenylbutane-1,3-dionato)-cadmium(ii))

Space Group:	Fdd2	***Cell:***	***a***	44.173(10)	***b***	11.396(2)	***c***	11.726(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.573



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2155

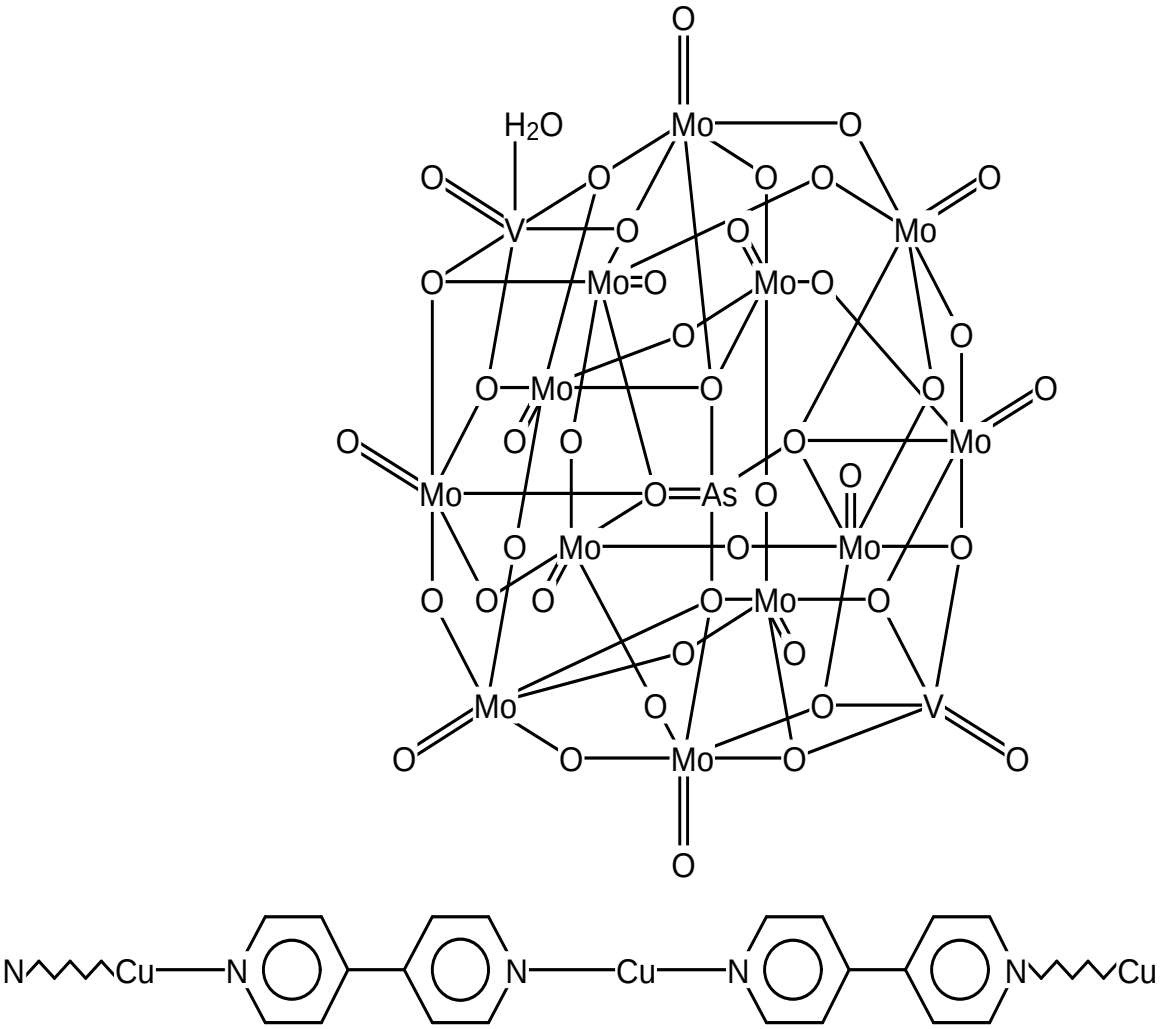
RIVDAC

Reference: Jing-quan Sha, Jun Peng, Hong-sheng Liu, Jing Chen, Ai-xiang Tian, Peng-peng Zhang (2007) *Inorg.Chem. ,***46,**11183

Formula: $(H_2\ As_1\ Mo_{12}\ O_{43}\ V_2)n,2.5n(C_{20}\ H_{16}\ Cu_2\ N_4),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-di-copper (μ_{12}-arsenato)-octakis(μ_3-oxo)-hexadecakis(μ_2-oxo)-aqua-tetradecaoxo-dodeca-molybdenum-di-vanadium monohydrate)

Space Group:	P21/n	***Cell:***	***a***	13.885(0)	***b***	21.677(0)	***c***	25.416(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.28(0)	γ	90.00
R-Factor (%):	5.34	***Temperature(K):***	293		***Density(g/cm^3):***		2.758	



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2156

RIWWUQ

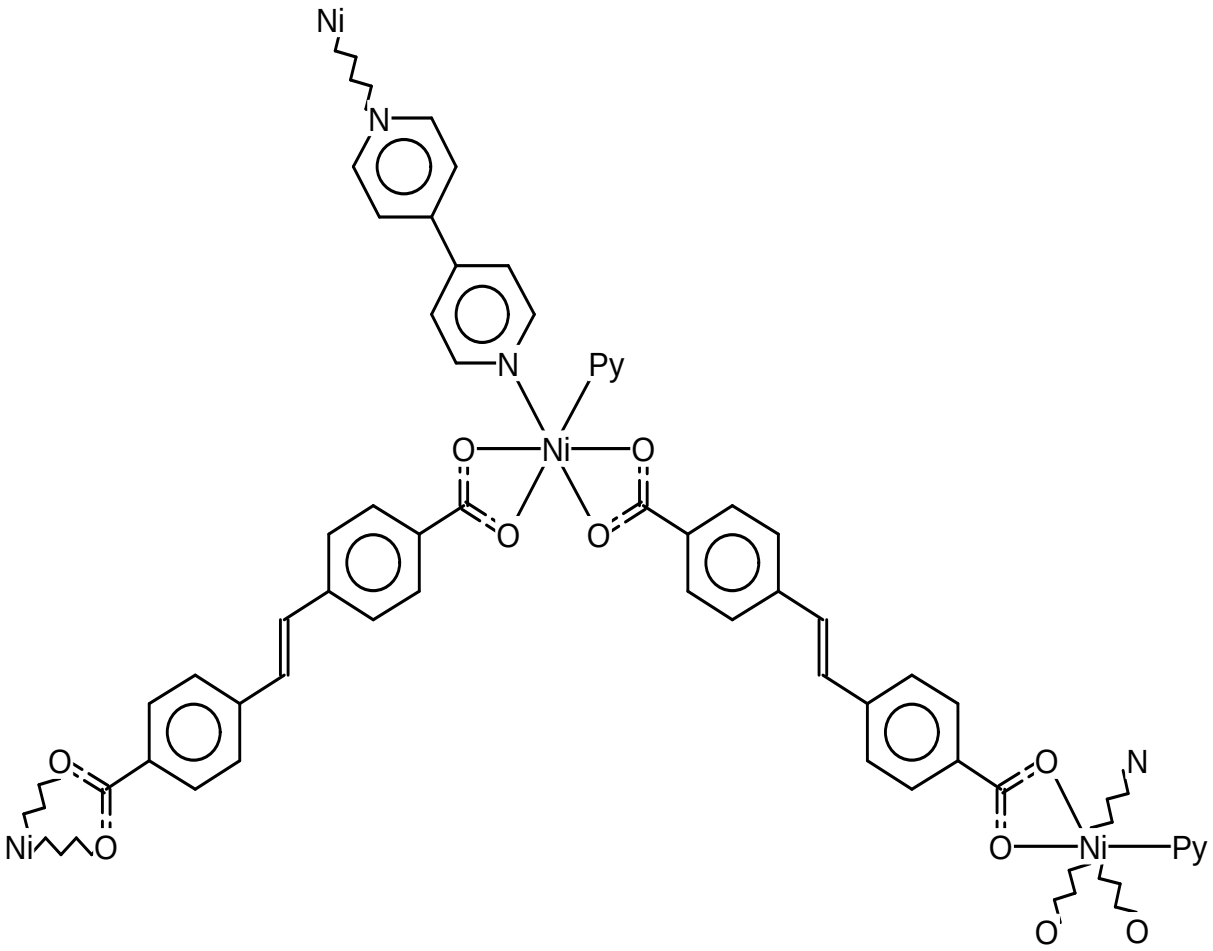
Reference: Huan-Yu Wang, Shan Gao, Li-Hua Huo, S.W.Ng, Jing-Gui Zhao (2008) *Cryst.Growth Des.* ,**8,**665

Formula: $(C_{52}\ H_{38}\ N_4\ Ni_2\ O_8)n$

Compound Name: catena-(bis(μ_2-4,4'-(Ethene-1,2-diyl)-dibenzoato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-bis(pyridine)-di-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	23.067(2)	***b*** 11.649(0)	***c***	18.889(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.38(0)	γ	90.00

R-Factor (%): 5.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.448



Search: search1 (Thu May 26 10:05:42 2011): Hit 2157

RIWZUT

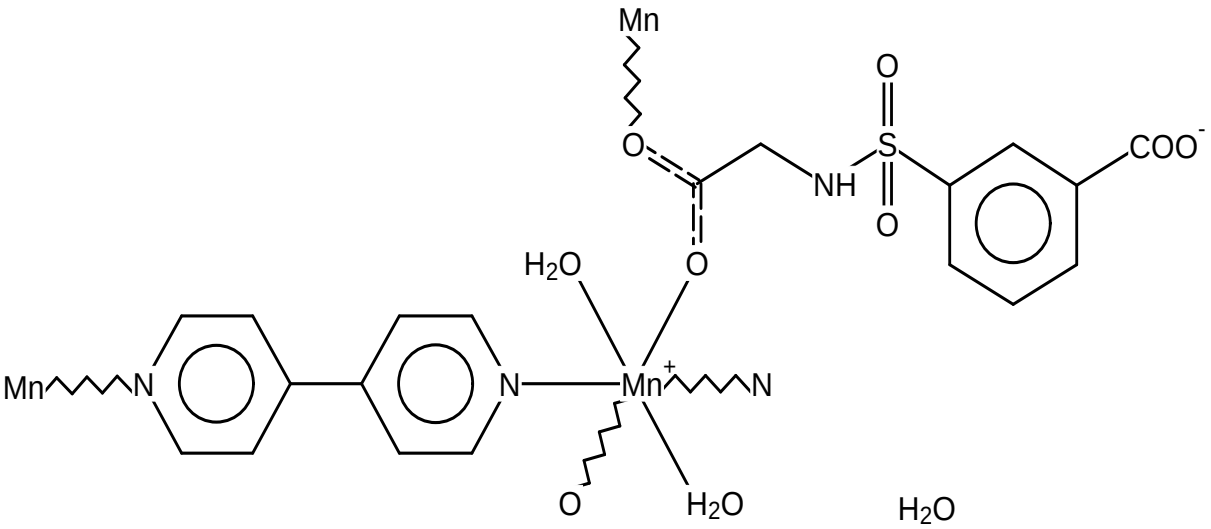
Reference: Lu-Fang Ma, Li-Ya Wang, Xian-Kuan Huo, Yao-Yu Wang, Yao-Ting Fan, Jian-Ge Wang, Shu-Hui Chen (2008) *Cryst.Growth Des. ,***8,**620

Formula: $(C_{19}\ H_{19}\ Mn_1\ N_3\ O_8\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-[(μ_2-N-((3-Carboxylatophenyl)sulfonyl)glycinato)-(μ_2-4,4'-bipyridyl)-diaqua-manganese(ii) monohydrate]

Space Group:	P212121	***Cell:***	***a***	10.912(2)	***b***	11.683(3)	***c***	17.184(4)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.10 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.584



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2158

RIXBAC

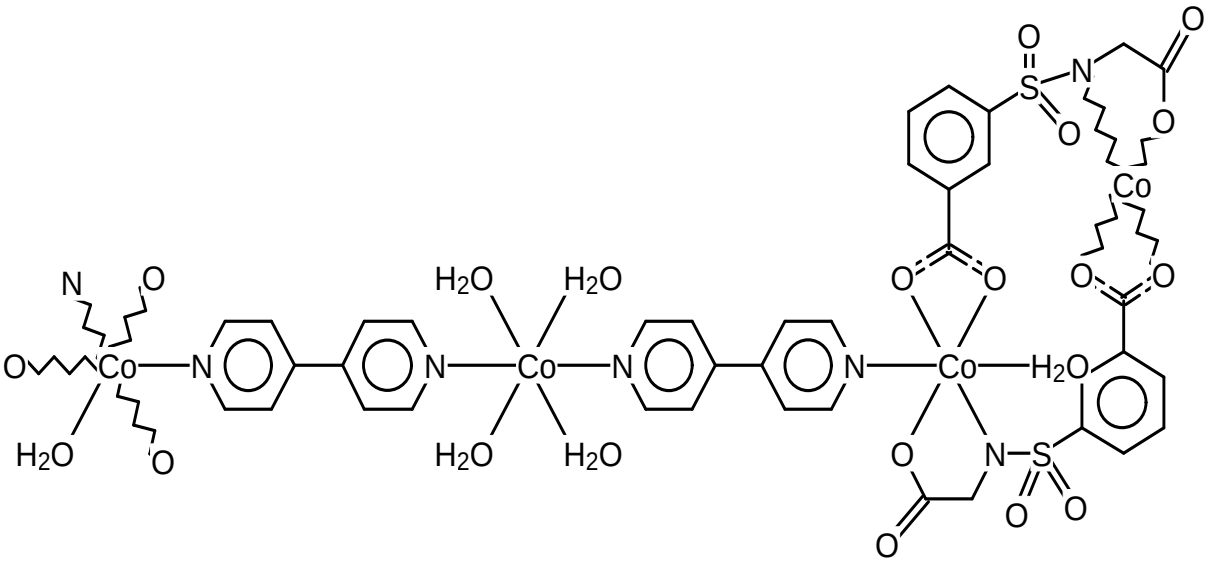
Reference: Lu-Fang Ma, Li-Ya Wang, Xian-Kuan Huo, Yao-Yu Wang, Yao-Ting Fan, Jian-Ge Wang, Shu-Hui Chen (2008) *Cryst.Growth Des.* ,**8,**620

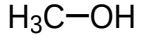
Formula: $(C_{38}\ H_{40}\ Co_3\ N_6\ O_{18}\ S_2)n,2n(C_1\ H_4\ O_1),8n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-N-(3-Carboxylatophenylsulfonyl)glycinato)-bis(μ_2-4,4'-bipyridyl)-hexaaqua-tri-cobalt(ii) bis(methanol) octahydrate clathrate]

Space Group:	P-1	***Cell:***	***a***	9.529(1)	***b***	11.366(1)	***c*** 13.732(2)
Space Group No.:	2	***(Å,°)***	α	69.11(0)	β	76.72(0)	γ 81.01(0)

R-Factor (%): 4.98 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.624





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2159

RIXBEG

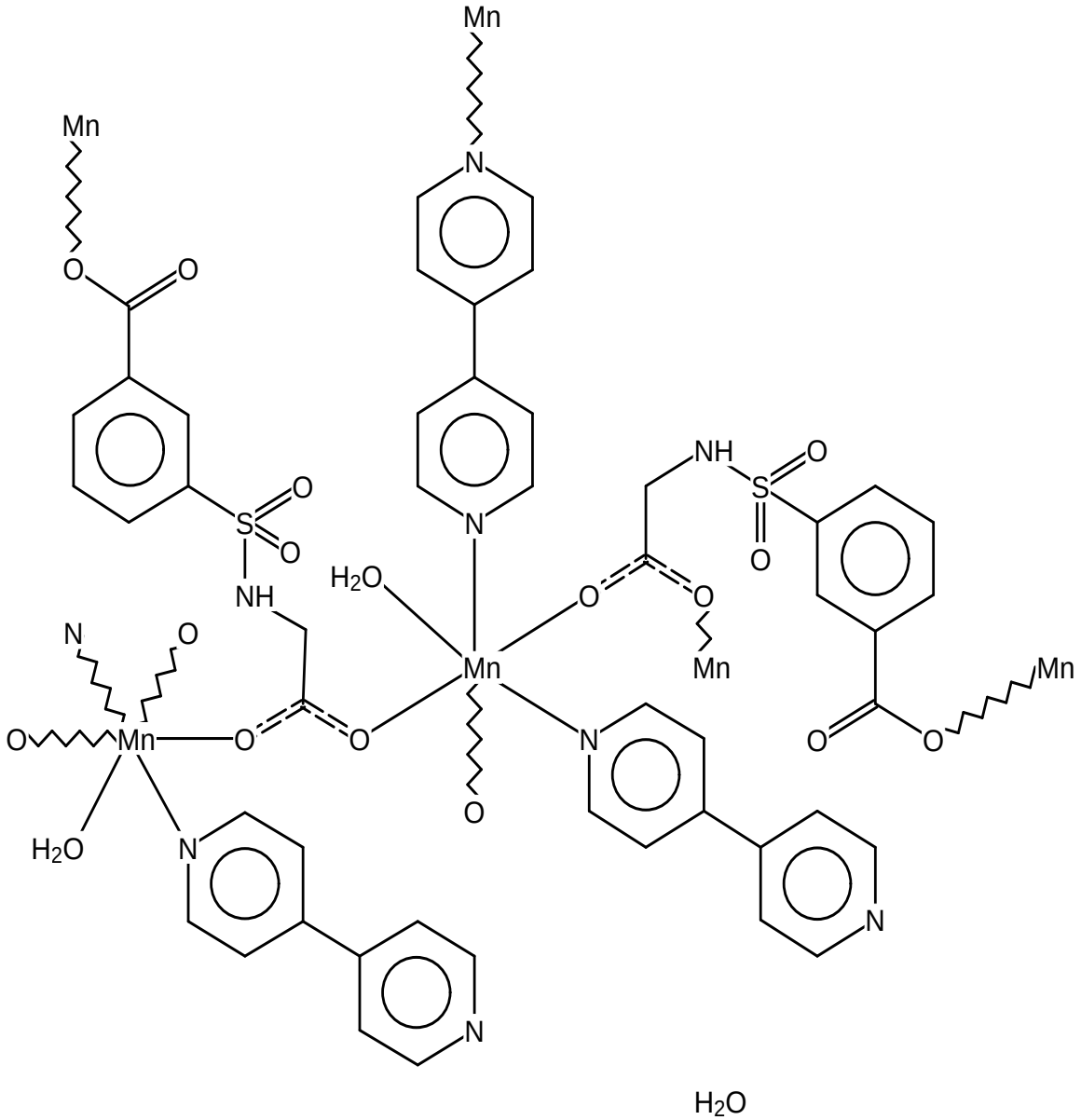
Reference: Lu-Fang Ma, Li-Ya Wang, Xian-Kuan Huo, Yao-Yu Wang, Yao-Ting Fan, Jian-Ge Wang, Shu-Hui Chen (2008) *Cryst.Growth Des. ,***8,**620

Formula: $(C_{48}\ H_{42}\ Mn_2\ N_8\ O_{14}\ S_2)n,8n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-N-(3-Carboxylatophenylsulfonyl)glycinato)-(μ_2-4,4'-bipyridyl)-diaqua-bis(4,4'-bipyridyl)-di-manganese(ii) octahydrate clathrate]

Space Group:	C2/c	***Cell:***	***a***	25.232(1)	***b***	8.672(0)	***c*** 27.441(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.10(0)	γ 90.00

R-Factor (%): 7.08 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.412



Search: search1 (Thu May 26 10:05:42 2011): Hit 2160

RIXBIK

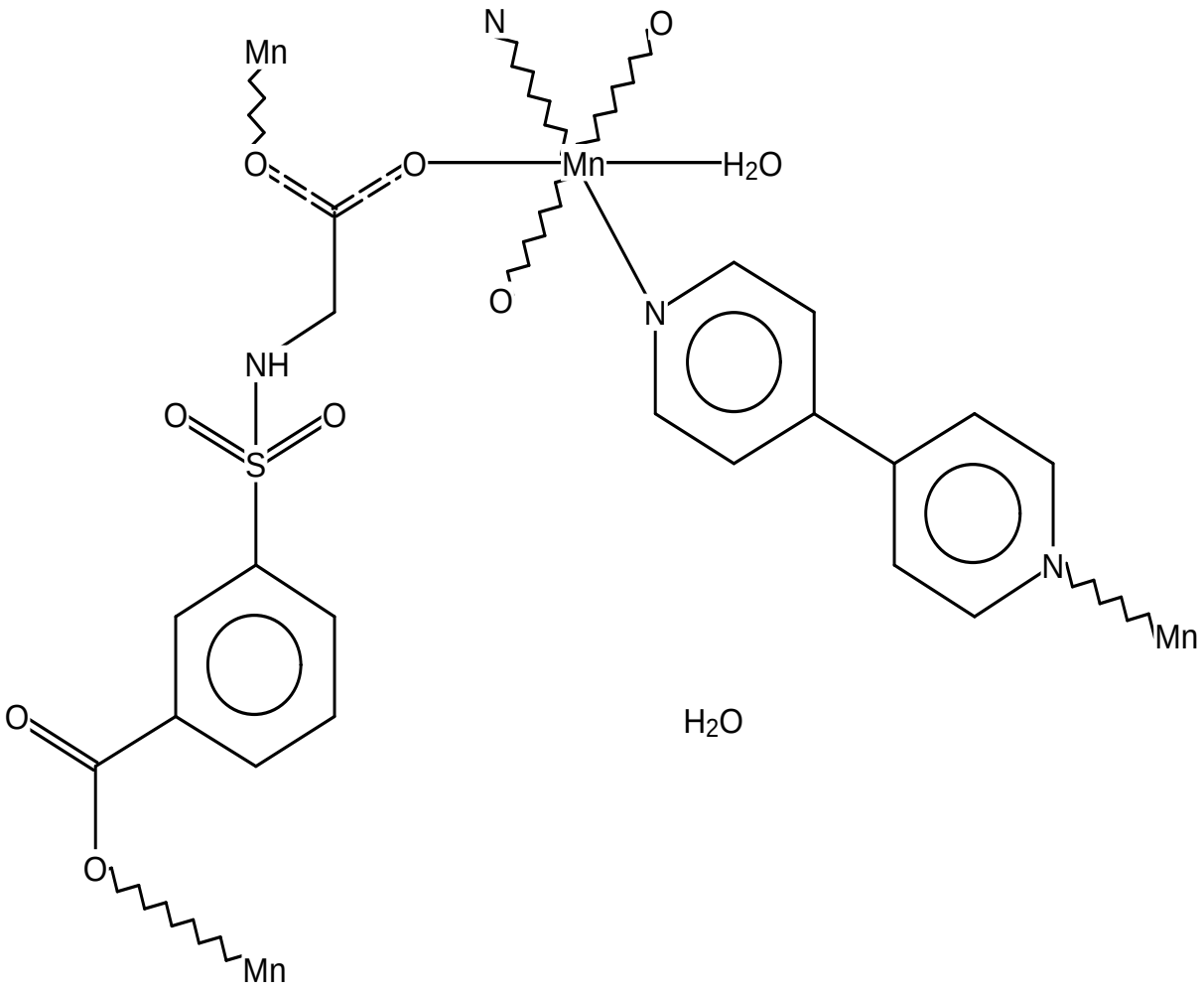
Reference: Lu-Fang Ma, Li-Ya Wang, Xian-Kuan Huo, Yao-Yu Wang, Yao-Ting Fan, Jian-Ge Wang, Shu-Hui Chen (2008) *Cryst.Growth Des. ,***8,**620

Formula: $(C_{19}\ H_{17}\ Mn_1\ N_3\ O_7\ S_1)n,3n(H_2\ O_1)$

Compound Name: catena-[(μ_3-N-(3-Carboxylatophenylsulfonyl)glycinato)-(μ_2-4,4'-bipyridyl)-aqua-manganese(ii) trihydrate clathrate]

Space Group:	P21/n	***Cell:***	***a***	11.663(3)	***b*** 8.708(2)	***c***	27.218(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.49(0)	γ	90.00

R-Factor (%): 7.56 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.325



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2161

RIXBOQ

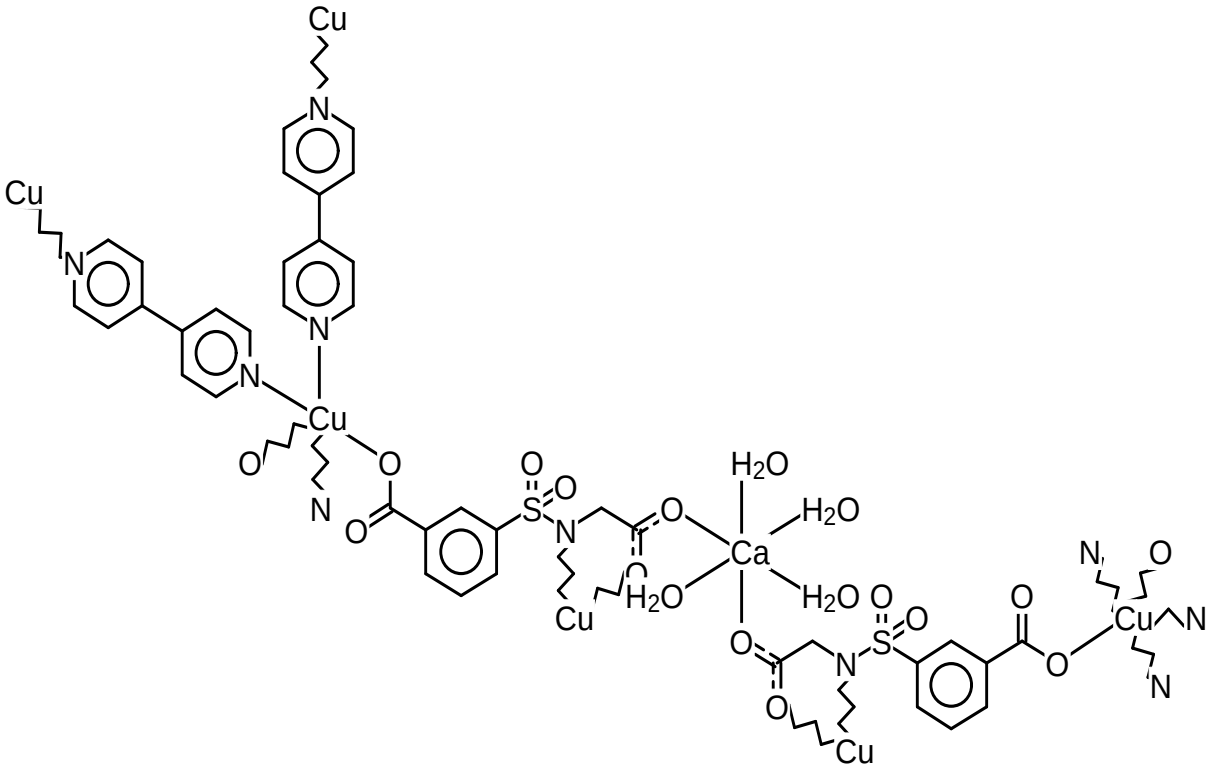
Reference: Lu-Fang Ma, Li-Ya Wang, Xian-Kuan Huo, Yao-Yu Wang, Yao-Ting Fan, Jian-Ge Wang, Shu-Hui Chen (2008) *Cryst.Growth Des.* ,**8,**620

Formula: $(C_{38}\ H_{36}\ Ca_1\ Cu_2\ N_6\ O_{16}\ S_2)n,4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-N-(3-Carboxylatophenylsulfonyl)glycinato)-bis(μ_2-4,4'-bipyridyl)-tetraaqua-calcium-di-copper(ii) tetrahydrate]

Space Group:	P21/n	***Cell:***	***a***	10.855(4)	***b***	15.576(6)	***c***	13.577(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.02(0)	γ	90.00

R-Factor (%): 6.35 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.653



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2162

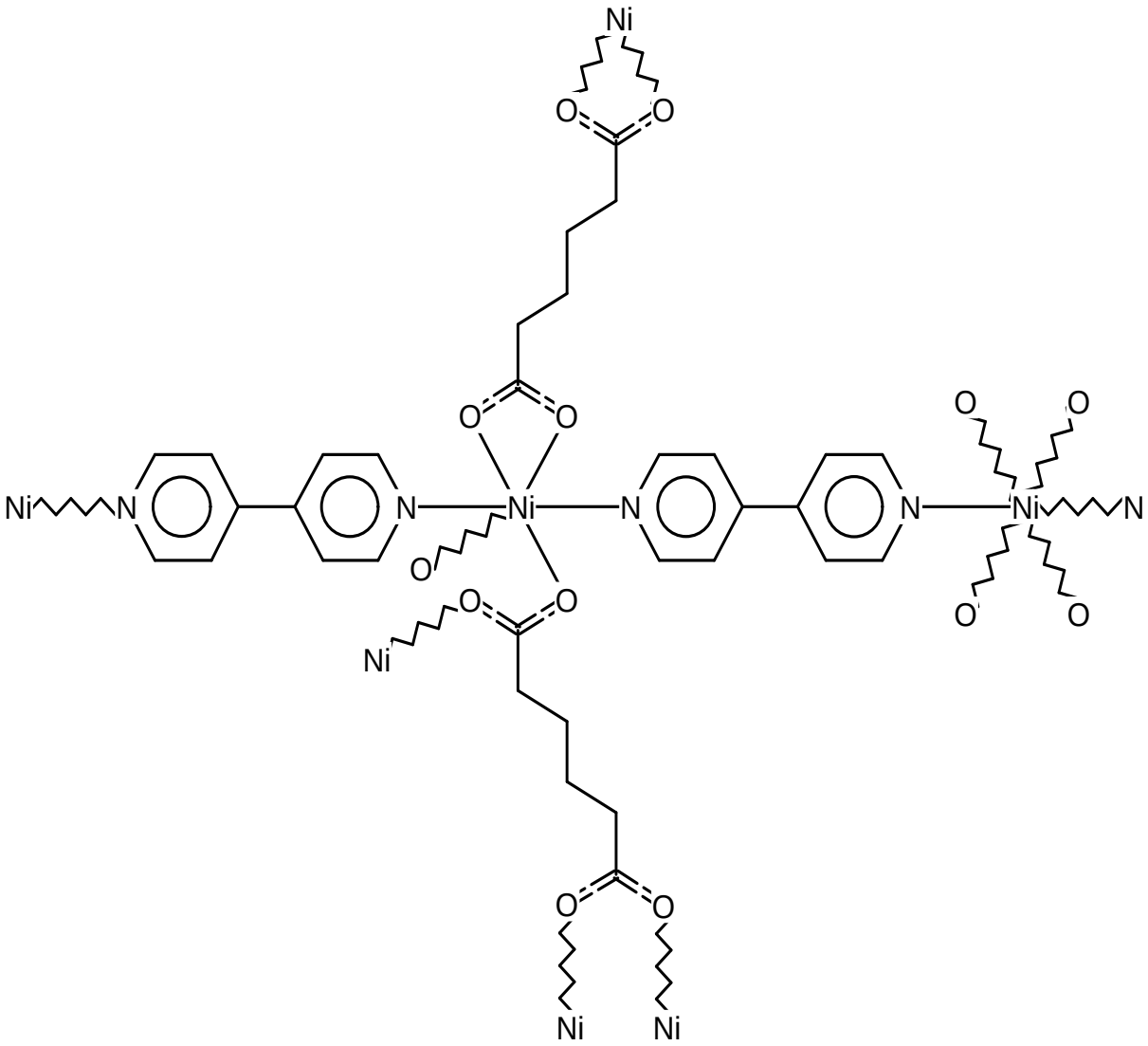
RIYBIL

Reference: Yan Ding, Hongli Chen, Enbo Wang, Xinxin Xu, Xinlong Wang, Chao Qin (2008) *Transition Met.Chem.* ,**33,**183

Formula: $(C_{32}\ H_{32}\ N_4\ Ni_2\ O_8)n$

Compound Name: catena-((μ_4-Adipato-O,O',O'',O''')-(μ_2-adipato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-di-nickel)

Space Group:	P-1	***Cell:***	***a***	8.556(1)	***b***	8.835(1)	***c*** 10.739(2)
Space Group No.:	2	***(Å,°)***	α	109.09(3)	β	95.64(3)	γ 102.65(3)
R-Factor (%):	7.78	***Temperature(K):***	293		***Density(g/cm^3):***		1.621



Search: search1 (Thu May 26 10:05:42 2011): Hit 2163

RIZDUZ

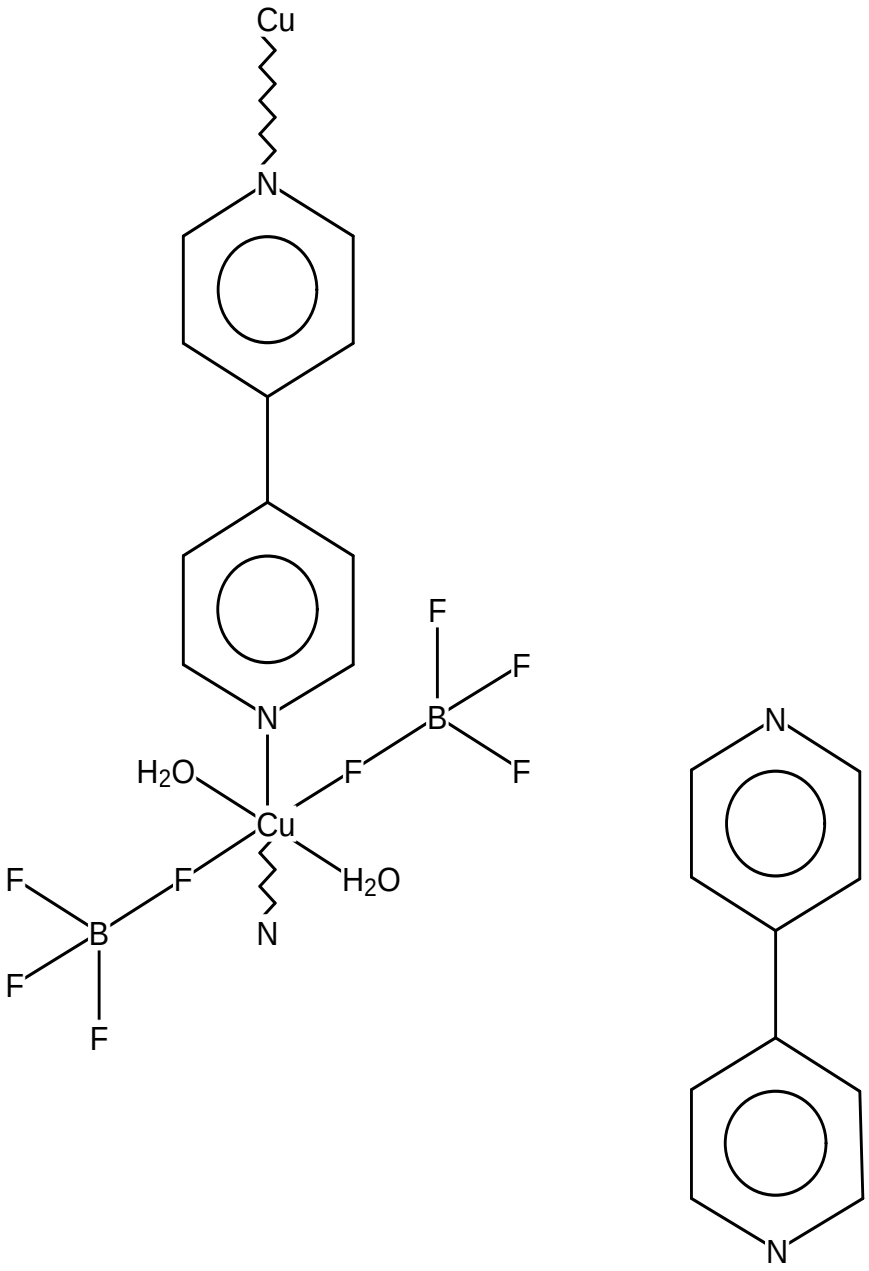
Reference: A.J.Blake, S.J.Hill, P.Hubberstey, Wan-Sheung Li (1997) *J.Chem.Soc.,Dalton Trans.* ,913

Formula: $(C_{10}\ H_{12}\ B_2\ Cu_1\ F_8\ N_2\ O_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(tetrafluoroborate-F)-copper(ii) 4,4-bipyridyl solvate)

Space Group:	C2/c	***Cell:***	***a***	16.228(2)	***b*** 11.078(2)	***c***	13.985(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.43(1)	γ	90.00

R-Factor (%): 7.67 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.699



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2164

ROBQUV

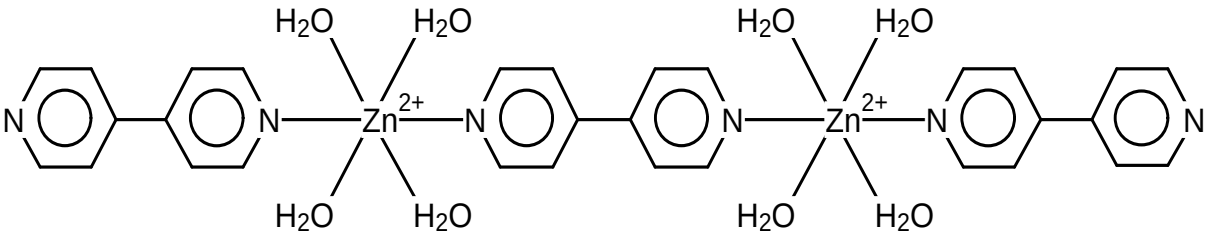
Reference: Yongcai Qiu, Zhihui Liu, Yinghua Li, Hong Deng, Ronghua Zeng, M.Zeller (2008) *Inorg.Chem. ,***47,**5122

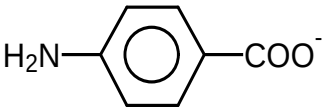
Formula: $C_{30}\ H_{40}\ N_6\ O_8\ Zn_2\ ^{4+}$,2($C_7\ H_6\ N_1\ O_2\ ^{1-}$),2($Cl_1\ O_4\ ^{1-}$),2($C_{10}\ H_8\ N_2$),4($H_2\ O_1$)

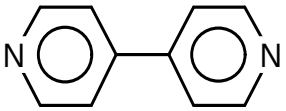
Compound Name: (μ_2-4,4'-Bipyridine-N,N')-octa-aqua-bis(4,4'-bipyridine-N)-di-zinc bis(4-aminobenzoate) diperchlorate bis(4,4'-bipyridine) tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	19.249(0)	***b*** 7.027(0)	***c***	30.796(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 120.24(0)	γ	90.00

R-Factor (%): 4.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.476











This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2165

ROBQUV01

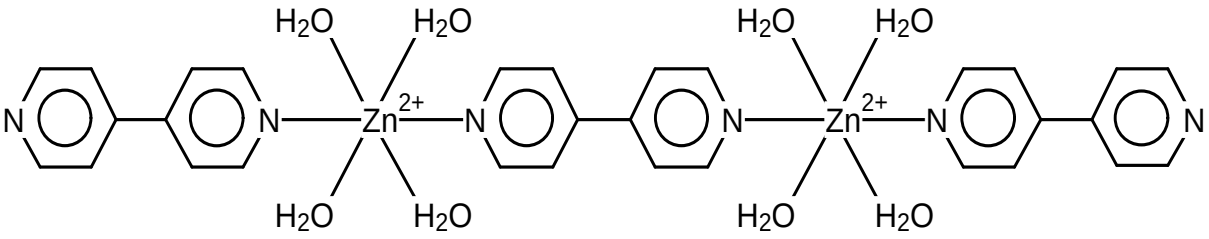
Reference: Yongcai Qiu, Zhihui Liu, Yinghua Li, Hong Deng, Ronghua Zeng, M.Zeller (2008) *Inorg.Chem. ,***47,**5122

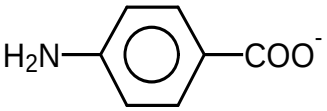
Formula: $C_{30}\ H_{40}\ N_6\ O_8\ Zn_2\ ^{4+}$,2($C_7\ H_6\ N_1\ O_2\ ^{1-}$),2($Cl_1\ O_4\ ^{1-}$),2($C_{10}\ H_8\ N_2$),4($H_2\ O_1$)

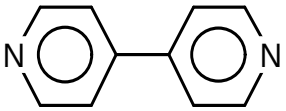
Compound Name: (μ_2-4,4'-Bipyridine-N,N')-octa-aqua-bis(4,4'-bipyridine-N)-di-zinc bis(4-aminobenzoate) diperchlorate bis(4,4'-bipyridine) tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	19.257(1)	***b*** 7.023(0)	***c***	30.797(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 120.28(0)	γ	90.00

R-Factor (%): 5.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.476







ClO_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2166

ROBRAC

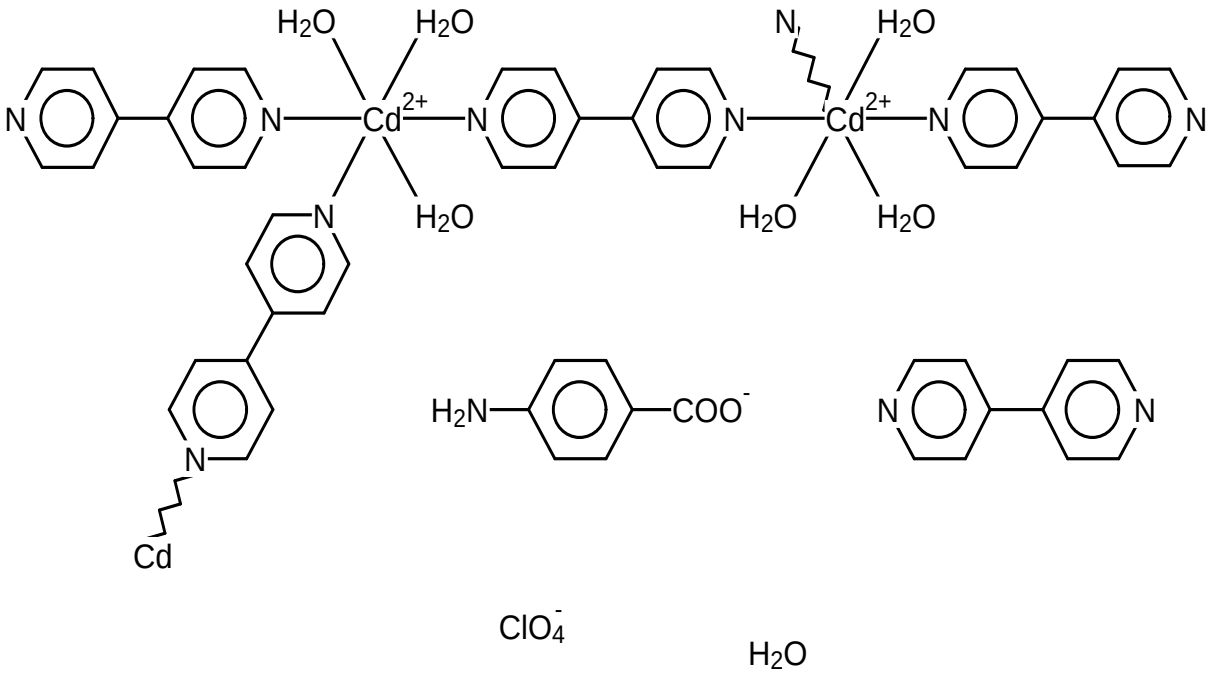
Reference: Yongcai Qiu, Zhihui Liu, Yinghua Li, Hong Deng, Ronghua Zeng, M.Zeller (2008) *Inorg.Chem. ,***47,**5122

Formula: $(C_{40}\ H_{44}\ Cd_2\ N_8\ O_6\ ^{4+})n,2n(C_7\ H_6\ N_1\ O_2\ ^{1-}),2n(Cl_1\ O_4\ ^{1-}),n(C_{10}\ H_8\ N_2),5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-hexa-aqua-bis(4,4'-bipyridine-N,N')-di-cadmium(ii) bis(4-aminobenzoate) diperchlorate 4,4'-bipyridine pentahydrate)

Space Group:	P-1	***Cell:***	***a***	7.572(0)	***b***	15.480(1)	***c*** 16.070(1)
Space Group No.:	2	***(Å,°)***	α	72.18(0)	β	84.55(0)	γ 83.00(0)

R-Factor (%): 4.41 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.566



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2167

ROBREG

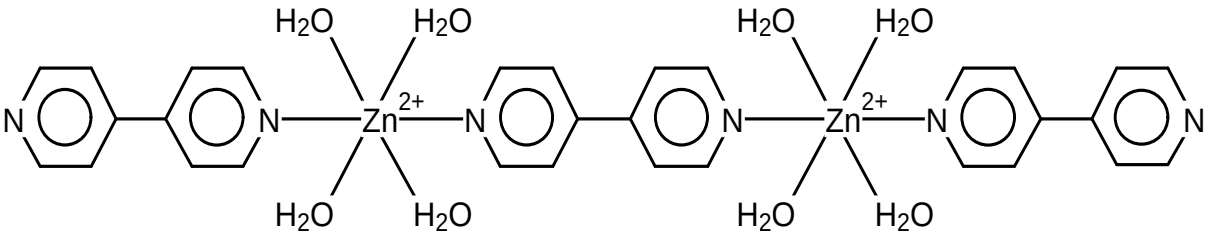
Reference: Yongcai Qiu, Zhihui Liu, Yinghua Li, Hong Deng, Ronghua Zeng, M.Zeller (2008) *Inorg.Chem. ,***47,**5122

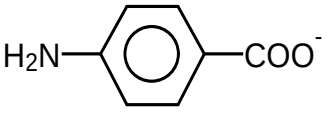
Formula: $C_{30}\ H_{40}\ N_6\ O_8\ Zn_2\ ^{4+}$,2($C_7\ H_6\ N_1\ O_2\ ^{1-}$),2($F_6\ P_1\ ^{1-}$),2($C_{10}\ H_8\ N_2$),4($H_2\ O_1$)

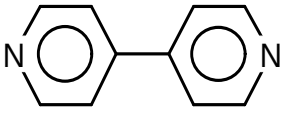
Compound Name: (μ_2-4,4'-Bipyridine-N,N')-octa-aqua-bis(4,4'-bipyridine-N)-di-zinc bis(4-aminobenzoate) bis(hexafluorophosphate) bis(4,4'-bipyridine) tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	19.369(1)	***b*** 7.158(0)	***c***	31.135(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 120.68(0)	γ	90.00

R-Factor (%): 5.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.512









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2168

ROCYAJ

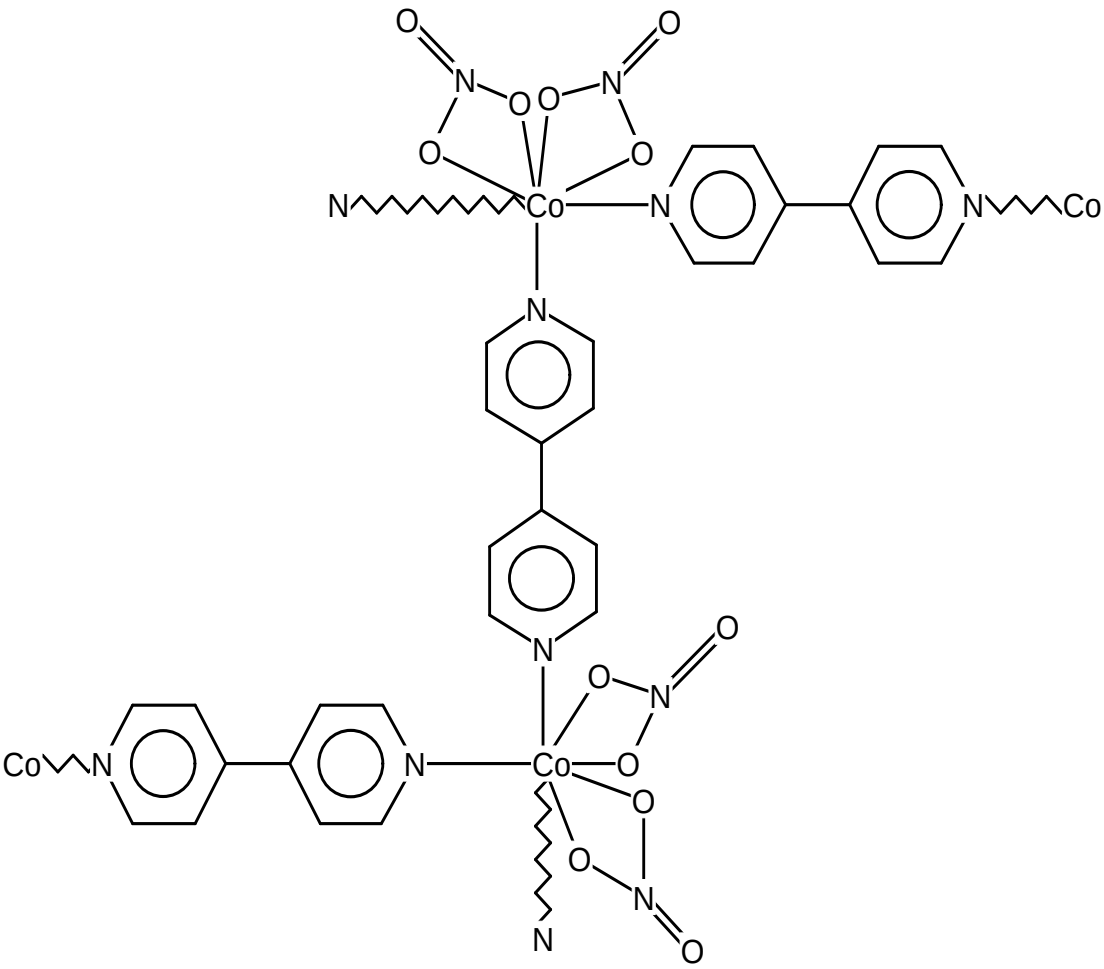
Reference: M.Kondo, T.Yoshitomi, K.Seki, H.Matsuzaka, S.Kitagawa (1997) *Angew.Chem.,Int.Ed. ,***36,**1725

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,4n(H_2\ O_1)$

Compound Name: catena(tris(μ_2-4,4'-Bipyridine)-tetranitrato-di-cobalt tetrahydrate)

Space Group:	Ccca	***Cell:***	***a***	12.267(7)	***b***	19.025(7)	***c*** 17.412(4)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.63 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.482



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2169

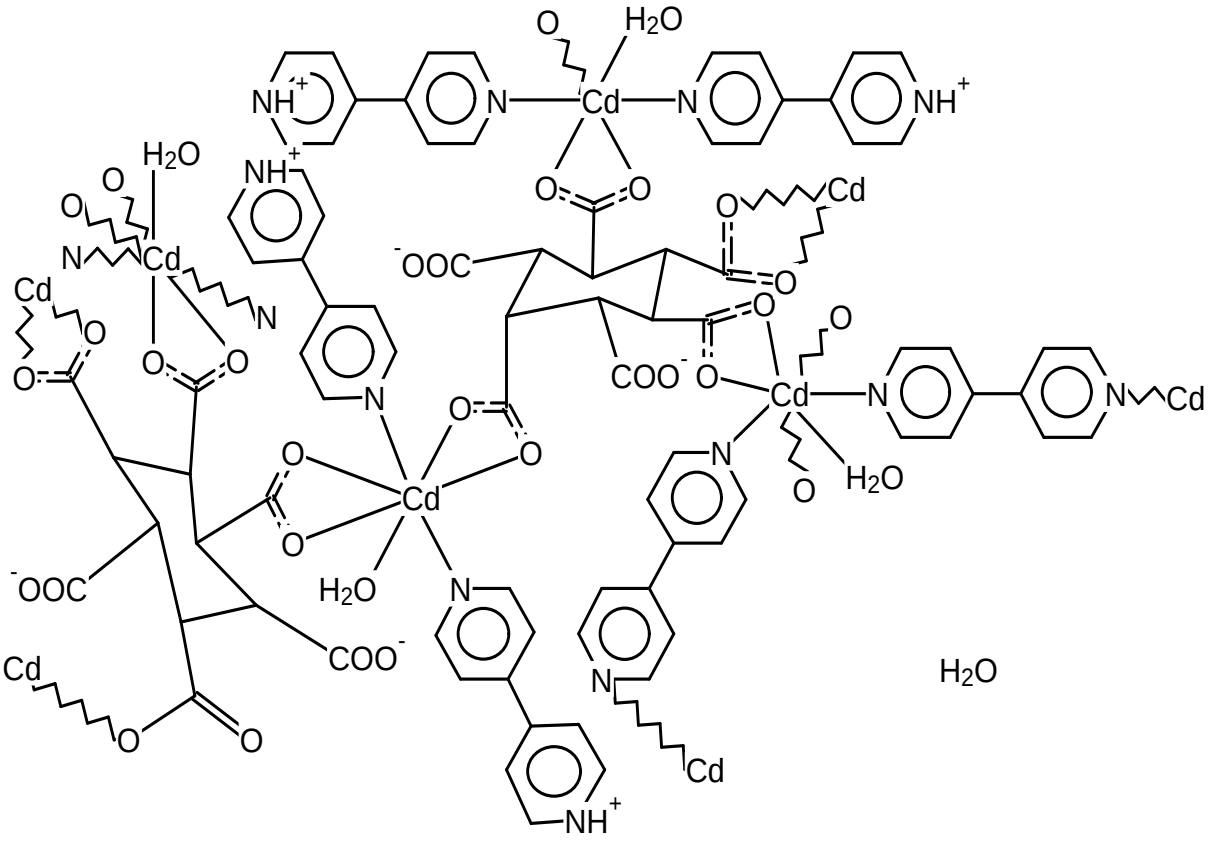
ROGRIP

Reference: Jing Wang, Zhuo-Jia Lin, Yong-Cong Ou, Yong Shen, R.Herchel, Ming-Liang Tong (2008) *Chem.-Eur.J. ,***14,**7218

Formula: $(C_{84}\ H_{72}\ Cd_4\ N_{12}\ O_{28})n,9.5n(H_2\ O_1)$

Compound Name: catena-[(μ_4-trans,trans,trans,trans,trans,cis-Cyclohexane-1,2,3,4,5,6-hexacarboxylato-O,O',O'',O''',O'''',O''''',O'''''',O''''''')-(μ_4-trans,trans,trans,trans,trans,cis-cyclohexane-1,2,3,4,5,6-hexacarboxylato-O,O',O'',O''',O'''',O''''',O''''')-bis(μ_2-4,4'-bipyridyl)-tetrakis(4,4'-bipyridinium)-tetraaqua-tetra-cadmium(ii) hydrate]

Space Group:	P-1	***Cell:***	***a***	13.919(1)	***b***	14.561(1)	***c*** 22.182(2)
Space Group No.:	2	***(Å,°)***	α	93.24(0)	β	91.34(0)	γ 91.66(0)
R-Factor (%):	7.67	***Temperature(K):***	123		***Density(g/cm^3):***		1.717



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2170

ROGROV

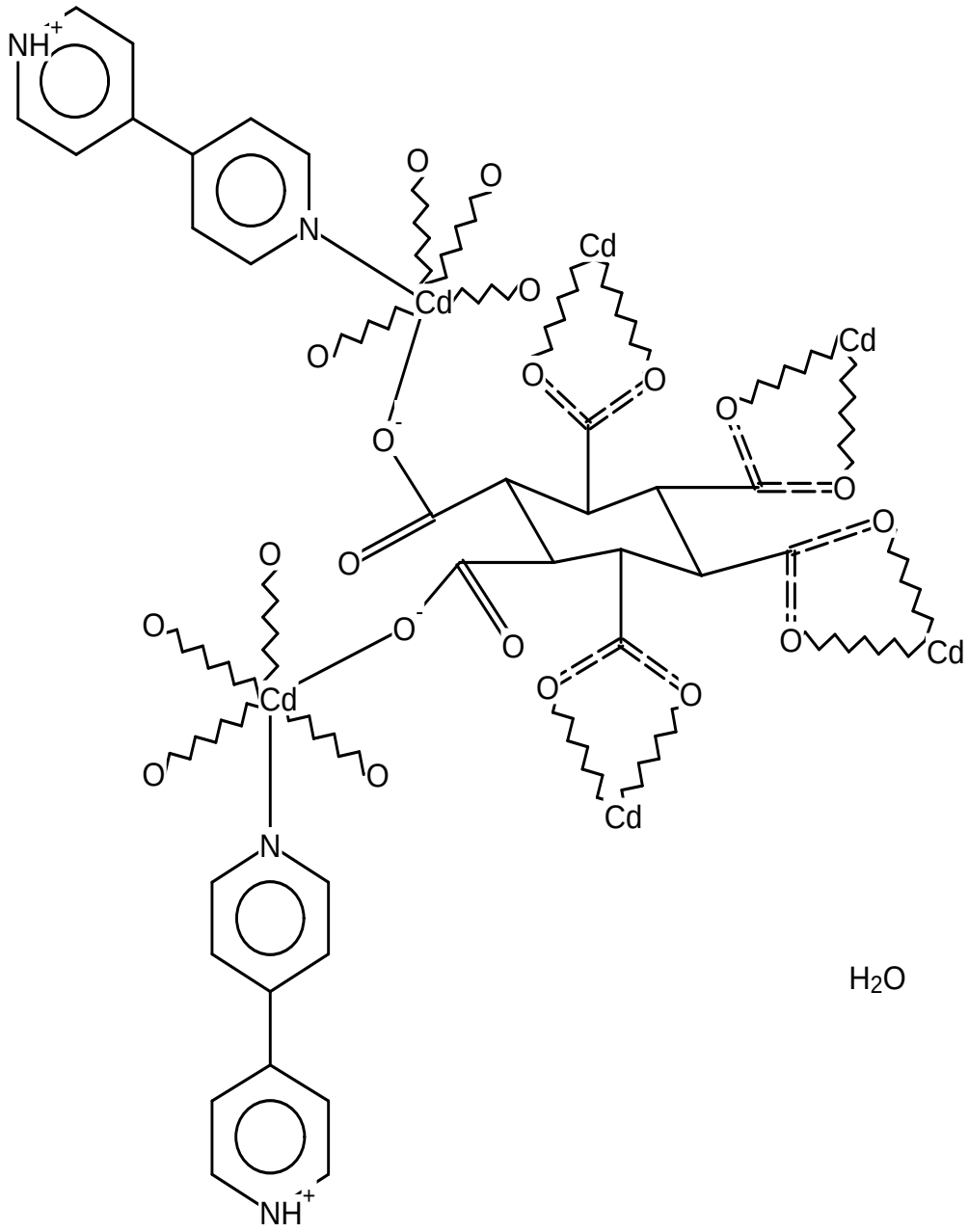
Reference: Jing Wang, Zhuo-Jia Lin, Yong-Cong Ou, Yong Shen, R.Herchel, Ming-Liang Tong (2008) *Chem.-Eur.J. ,***14,**7218

Formula: $(C_{32}\ H_{24}\ Cd_2\ N_4\ O_{12})n,10n(H_2\ O_1)$

Compound Name: catena-[(μ_6-trans,trans,trans,trans,trans,trans-Cyclohexane-1,2,3,4,5,6-hexacarboxylato)-bis(4,4'-bipyridinium)-di-cadmium(ii) decahydrate]

Space Group:	Fdd2	***Cell:***	***a***	15.918(2)	***b***	50.471(7)	***c***	10.114(1)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.735



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2171

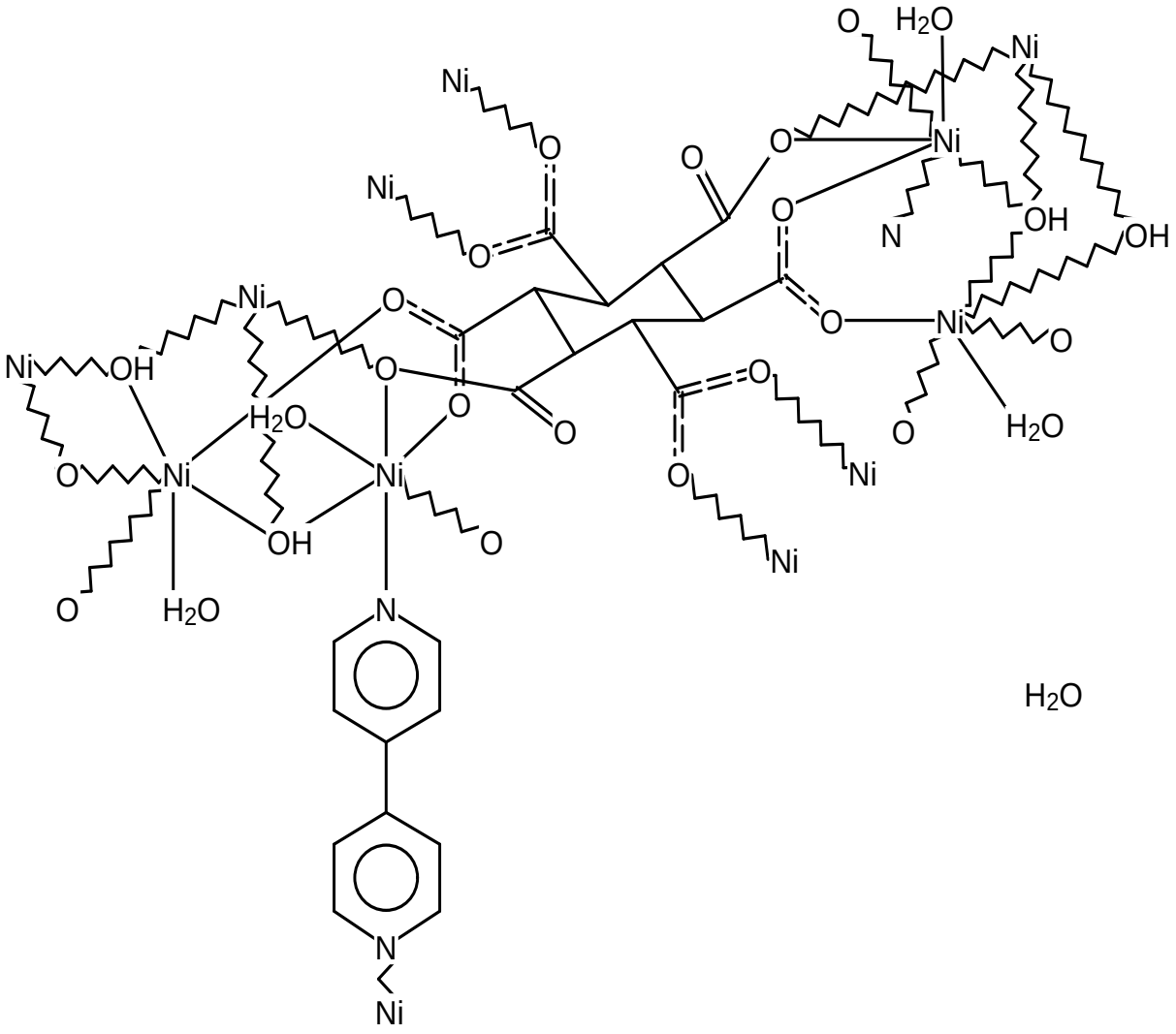
ROGSAI

Reference: Jing Wang, Zhuo-Jia Lin, Yong-Cong Ou, Yong Shen, R.Herchel, Ming-Liang Tong (2008) *Chem.-Eur.J. ,***14,**7218

Formula: $(C_{22}\ H_{24}\ N_2\ Ni_4\ O_{18})n,4n(H_2\ O_1)$

Compound Name: catena-[(μ_{10}-trans,trans,trans,trans,trans,trans-Cyclohexane-1,2,3,4,5,6-hexacarboxylato)-bis(μ_3-hydroxo)-(μ_2-4,4'-dipyridyl)-tetraaqua-tetra-nickel(ii) tetrahydrate]

Space Group:	P21/c	***Cell:***	***a***	14.816(1)	***b***	11.077(1)	***c***	13.434(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.05(0)	γ	90.00
R-Factor (%):	6.84	***Temperature(K):***	293		***Density(g/cm^3):***		1.390	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2172

ROGSEM

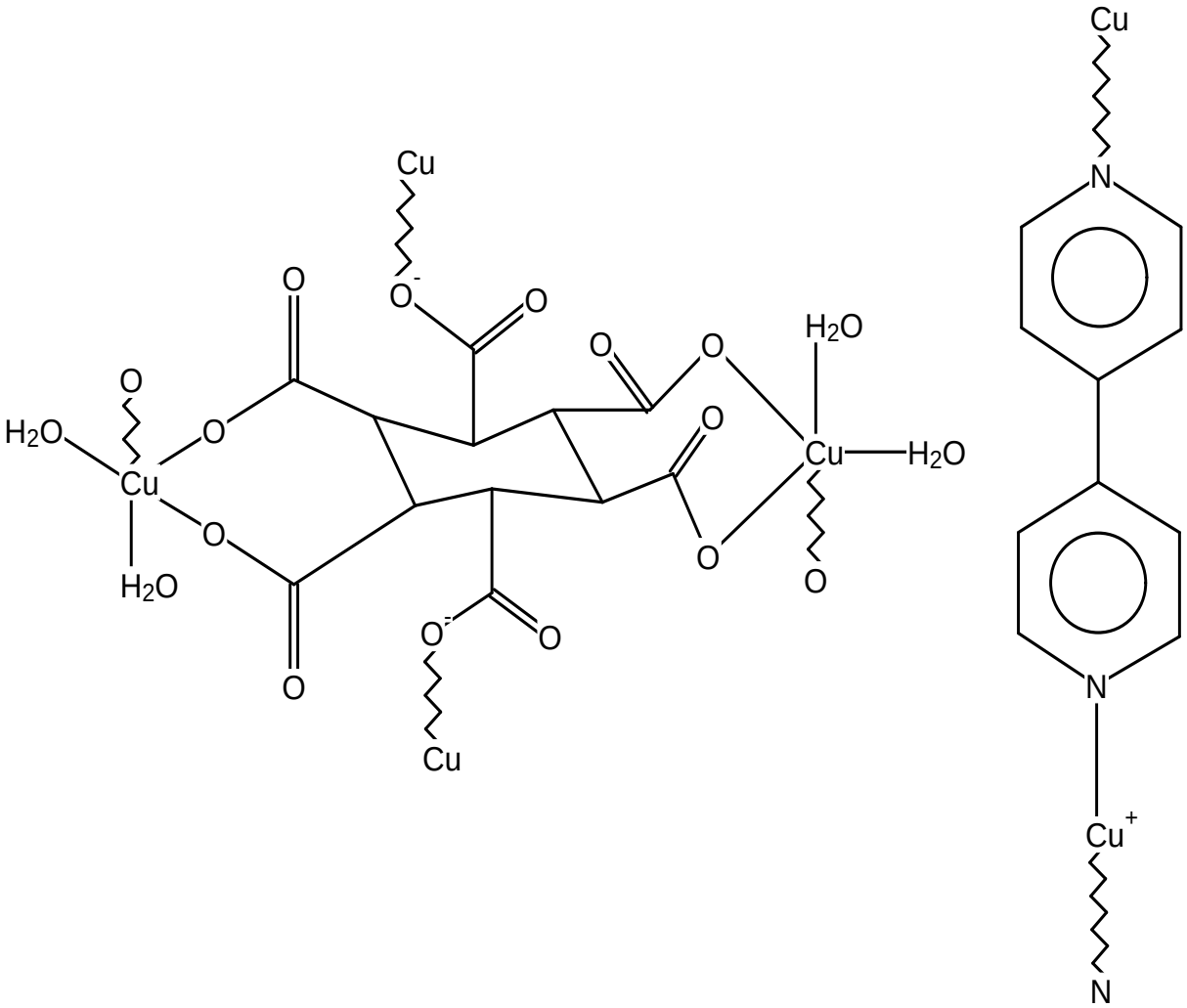
Reference: Jing Wang, Zhuo-Jia Lin, Yong-Cong Ou, Yong Shen, R.Herchel, Ming-Liang Tong (2008) *Chem.-Eur.J. ,***14,**7218

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})2n,n(C_{12}\ H_{14}\ Cu_2\ O_{16}\ ^{2-})$

Compound Name: catena-[bis((μ$_2$-4,4'-Bipyridyl)-copper(i)) (μ$_4$-trans,trans,trans,trans, trans,trans-cyclohexane-1,2,3,4,5,6-hexacarboxylato)-di-copper(ii)]

Space Group:	P-1	***Cell:***	***a***	7.852(0)	***b***	10.058(1)	***c*** 11.565(1)
Space Group No.:	2	***(Å,°)***	α	78.17(0)	β	71.79(0)	γ 73.74(0)

R-Factor (%): 3.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.972


Cu
N
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2173

ROGSIQ

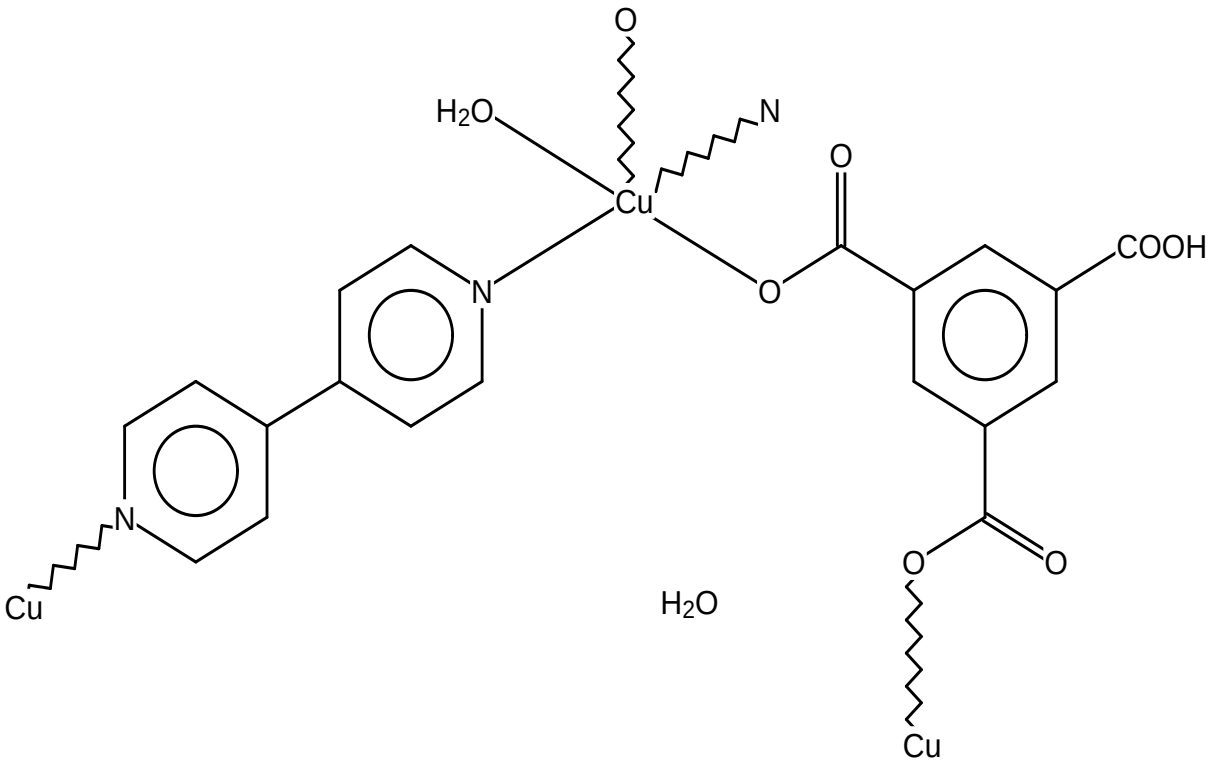
Reference: Jing Wang, Zhuo-Jia Lin, Yong-Cong Ou, Yong Shen, R.Herchel, Ming-Liang Tong (2008) *Chem.-Eur.J. ,***14,**7218

Formula: $(C_{19}\ H_{14}\ Cu_1\ N_2\ O_7)n,3n(H_2\ O_1)$

Compound Name: catena-[(μ_2-5-Carboxybenzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridyl)-aqua-copper(ii) trihydrate clathrate]

Space Group:	P21/n	***Cell:***	***a***	10.603(0)	***b***	20.069(0)	***c***	11.104(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.03(0)	γ	90.00

R-Factor (%): 7.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.406



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2174

ROJJAC

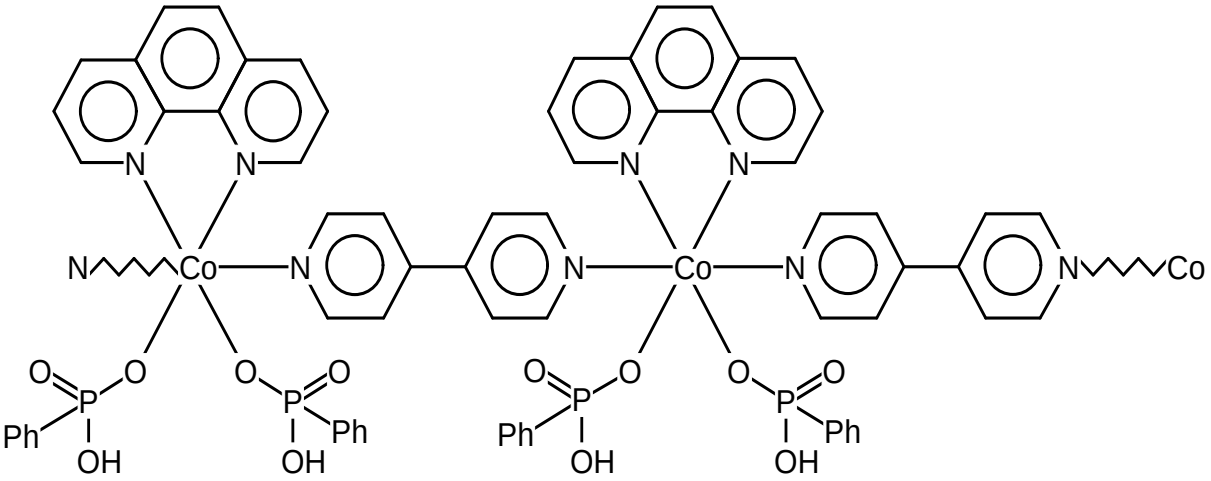
Reference: Mei Wang, Cheng-Bing Ma, Chang-Neng Chen, Qiu-Tian Liu (2008) *J.Mol.Struct.* ,**891,**292

Formula: $(C_{68}\ H_{56}\ Co_2\ N_8\ O_{12}\ P_4)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(1,10-phenanthroline)-tetrakis(phenylphosphonato)-di-cobalt(ii) monohydrate)

Space Group:	P43212	***Cell:***	***a***	22.989(0)	***b***	22.989(0)	***c***	12.072(0)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.496



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2175

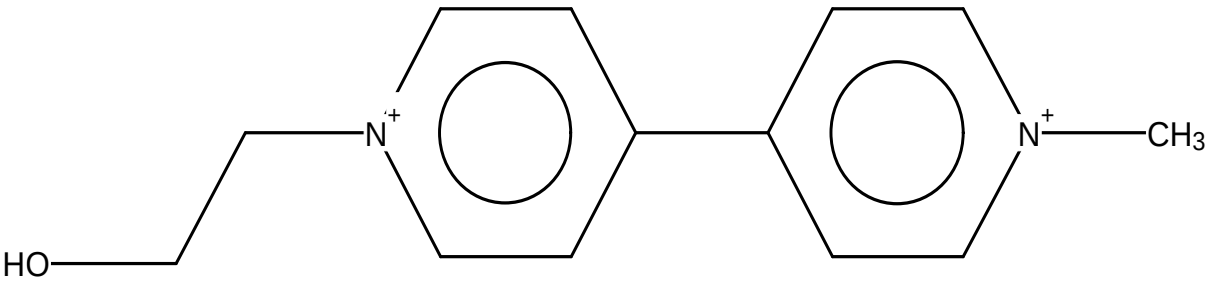
ROJKEG

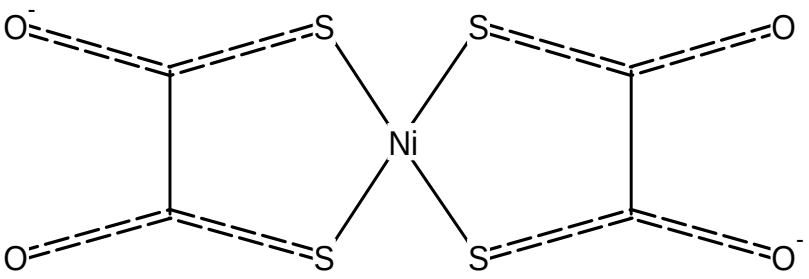
Reference: R.Benedix, M.Hofbauer, M.Mobius, F.Knoch (1997) *Inorg.Chim.Acta ,***262,**177

Formula: $C_{13}\ H_{16}\ N_2\ O_1\ ^{2+},C_4\ Ni_1\ O_4\ S_4\ ^{2-}$

Compound Name: N-2-Hydroxyethyl-N'-methyl-4,4'-bipyridinium bis(1,2-dithio-oxalato)-nickel

Space Group:	P21/c	***Cell:***	***a*** 14.063(6)	***b*** 7.686(5)	***c*** 18.712(10)
Space Group No.:	14	***(Å,°)***	α 90.00	β 93.33(4)	γ 90.00
R-Factor (%):	3.16	***Temperature(K):***	295	***Density(g/cm^3):***	1.695





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2176

ROJKEH

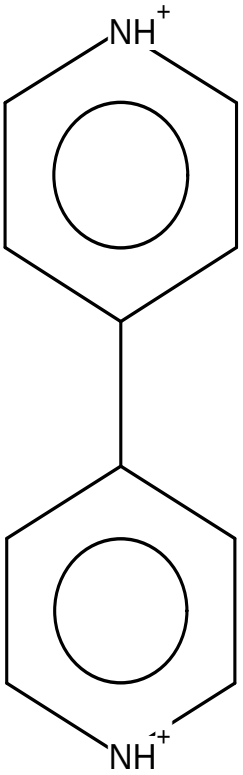
Reference: Zhi-Hui Yi, Xiao-Bing Cui, Xiao Zhang, Guang-Di Yang, Ji-Qing Xu, Xiao-Yang Yu, Hai-Hui Yu, Wei-Jie Duan (2008) *J.Mol.Struct. ,***891,**123

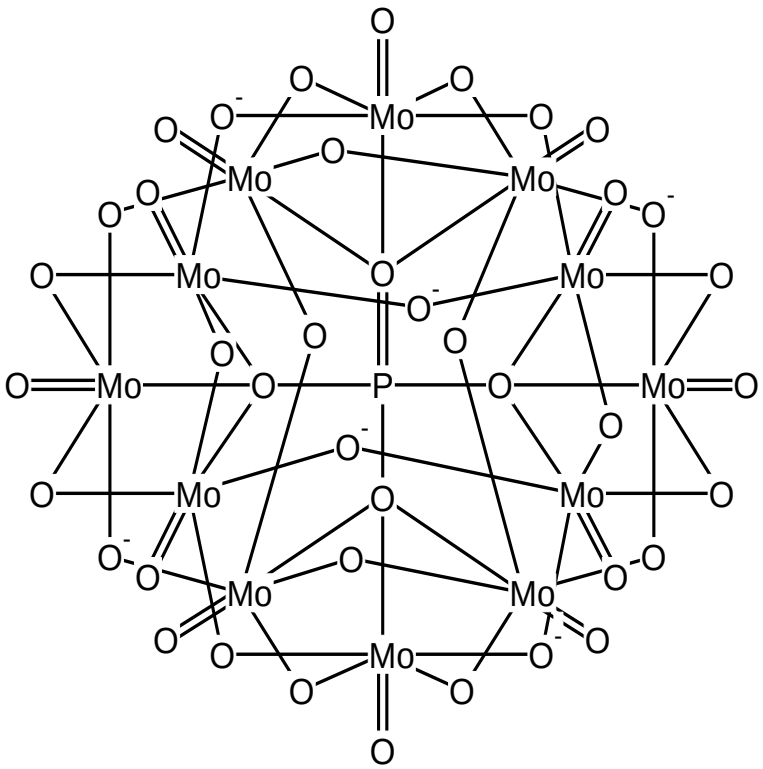
Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),2(H_3\ O_1\ ^{1+}),Mo_{12}\ O_{40}\ P_1\ ^{6-}$

Compound Name: bis(4,4'-Bipyridinium) bis(hydroxonium) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-tri-molybdenum(v)-nona-molybdenum(vi)

Space Group:	P21/c	***Cell:***	***a***	11.504(2)	***b***	12.104(2)	***c*** 18.435(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	114.15(2)	γ 90.00

R-Factor (%): 3.85 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.086





OH_3^+

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2177

ROJKIL

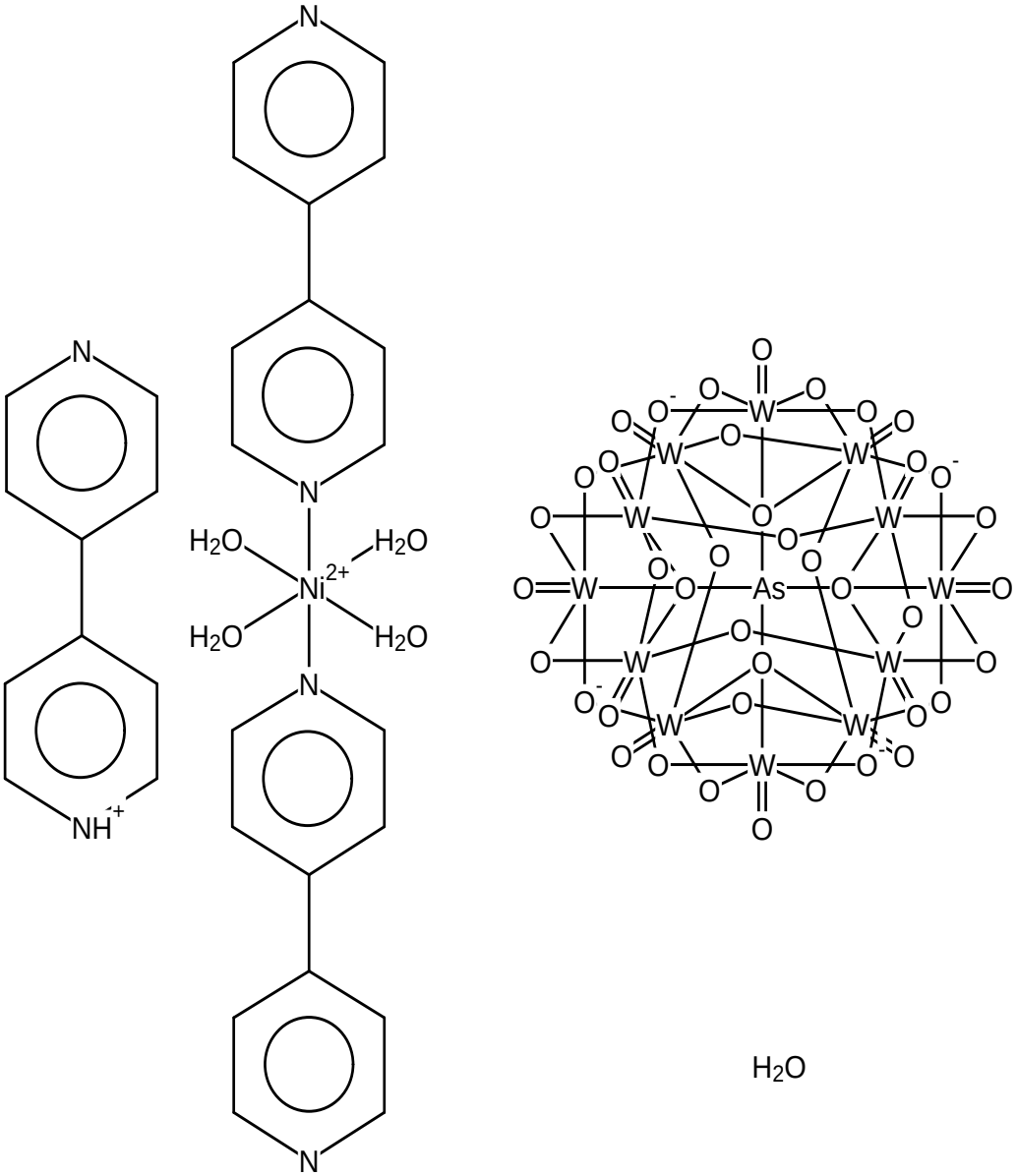
Reference: Zhi-Hui Yi, Xiao-Bing Cui, Xiao Zhang, Guang-Di Yang, Ji-Qing Xu, Xiao-Yang Yu, Hai-Hui Yu, Wei-Jie Duan (2008) *J.Mol.Struct. ,***891,**123

Formula: $2(C_{10}\ H_9\ N_2\ ^{1+}),C_{20}\ H_{24}\ N_4\ Ni_1\ O_4\ ^{2+},As_1\ O_{40}\ W_{12}\ ^{4-},4(H_2\ O_1)$

Compound Name: 4-(4-Pyridyl)pyridinium bis(4,4'-bipyridine)-tetraaqua-nickel (μ_{12}-arsenato)-tetracosakis(μ_2-oxo)-dodeca-oxo-tungsten(v)-undeca-tungsten(vi) tetrahydrate

Space Group:	C2/c	***Cell:***	***a***	21.309(4)	***b*** 15.303(3)	***c***	24.247(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.47(3)	γ	90.00

R-Factor (%): 5.73 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.286



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2178

ROLHUW

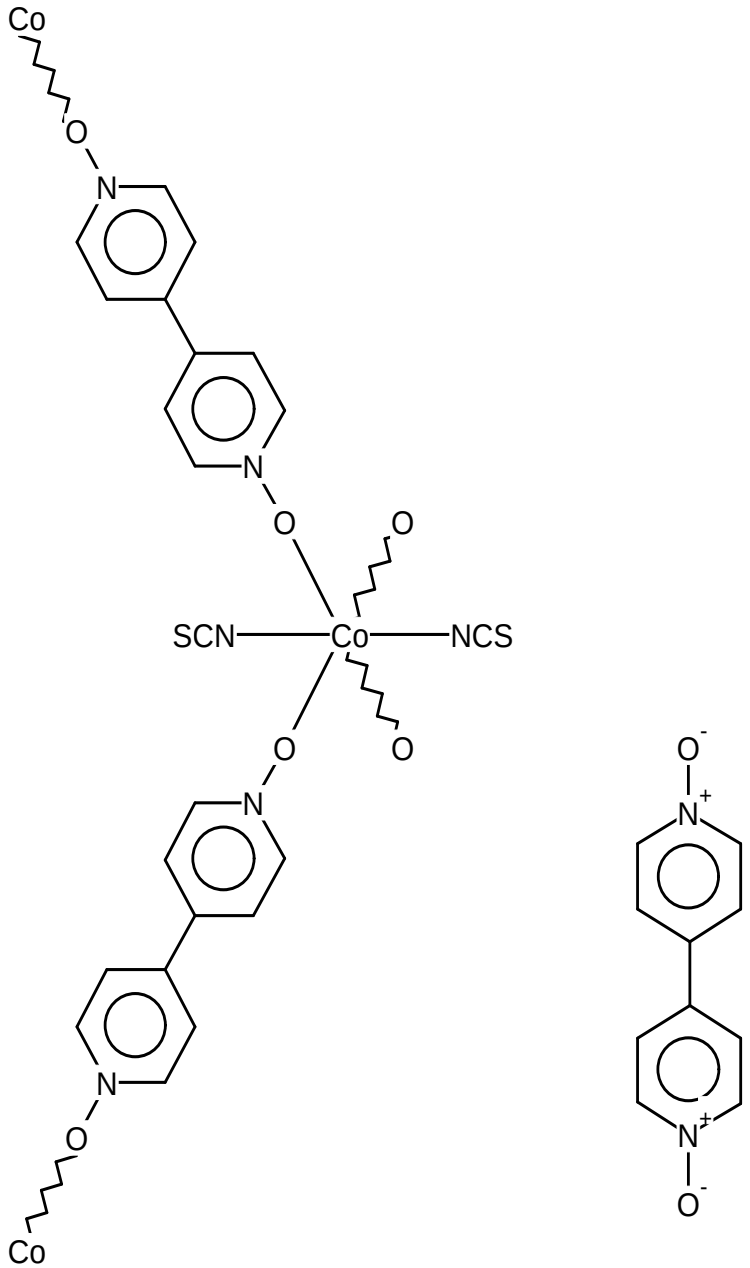
Reference: A.D.Jana, S.C.Manna, G.M.Rosair, M.G.B.Drew, G.Mostafa, N.R.Chaudhuri (2007) *Cryst.Growth Des. ,***7,**1365

Formula: $(C_{22}\ H_{16}\ Co_1\ N_6\ O_4\ S_2)n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-(trans-bis(μ_2-4,4'-Bipyridyl-N,N'-dioxide-O,O')-bis(isothiocyanato) -cobalt(ii) 4,4'-bipyridyl-N,N'-dioxide solvate)

Space Group:	P21/n	***Cell:***	***a***	6.308(0)	***b*** 13.708(0)	***c***	18.182(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 99.08(0)	γ	90.00

R-Factor (%): 3.19 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.582



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2179

ROLJAE

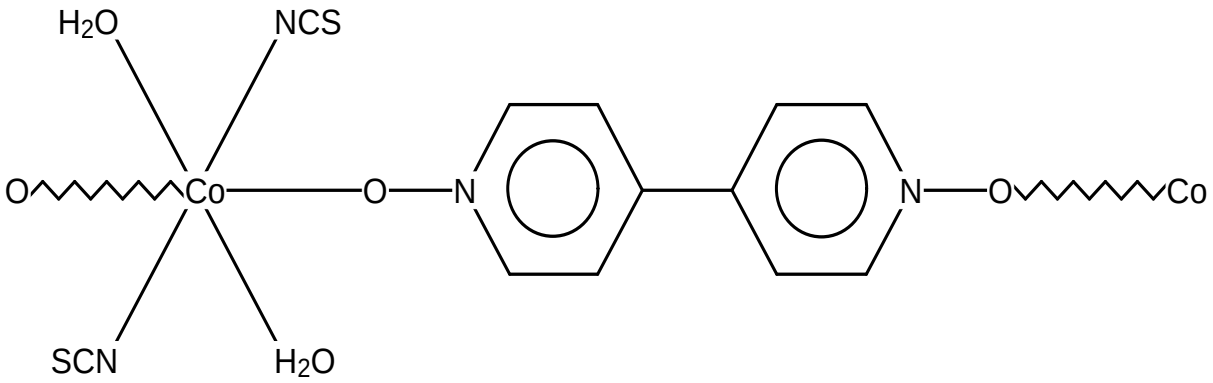
Reference: A.D.Jana, S.C.Manna, G.M.Rosair, M.G.B.Drew, G.Mostafa, N.R.Chaudhuri (2007) *Cryst.Growth Des. ,***7,**1365

Formula: $(C_{12}\ H_{12}\ Co_1\ N_4\ O_4\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N'-dioxide-O,O')-diaqua-bis(isothiocyanato)-cobalt(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.285(0)	***b***	9.820(2)	***c*** 12.021(1)
Space Group No.:	2	***(Å,°)***	α	77.73(1)	β	80.24(1)	γ 88.52(1)

R-Factor (%): 8.09 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.674



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2180

ROLJEI

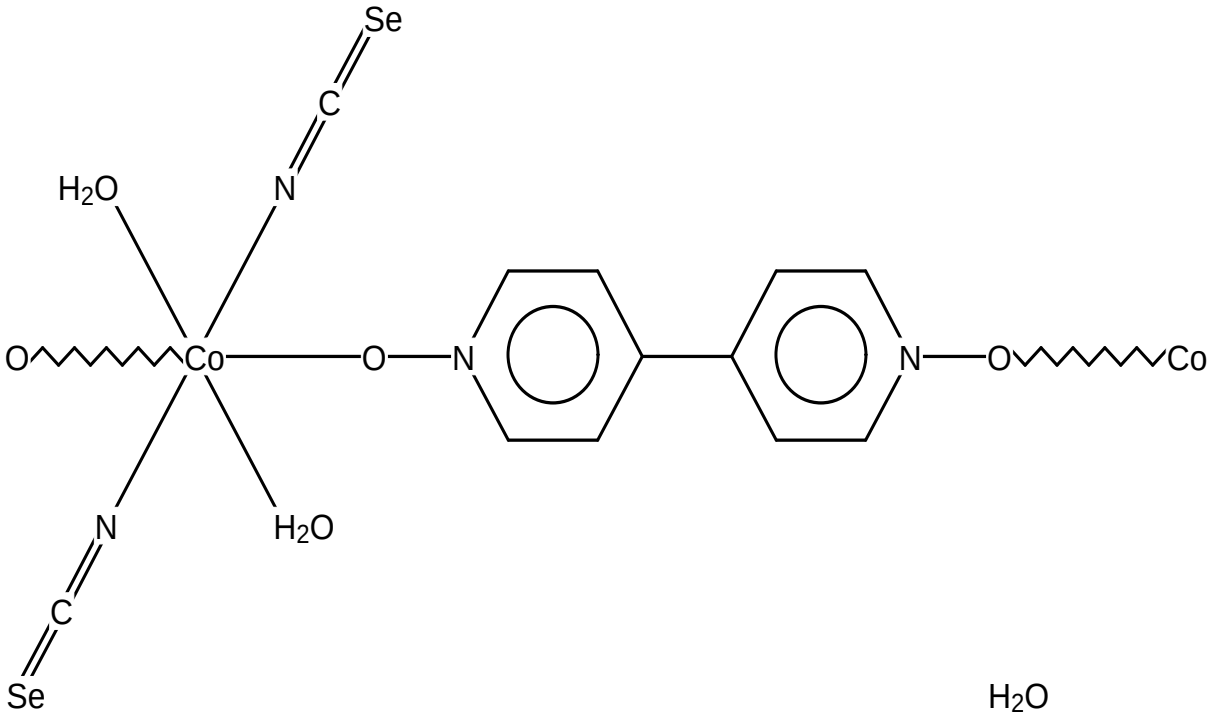
Reference: A.D.Jana, S.C.Manna, G.M.Rosair, M.G.B.Drew, G.Mostafa, N.R.Chaudhuri (2007) *Cryst.Growth Des. ,***7,**1365

Formula: $(C_{12}\ H_{12}\ Co_1\ N_4\ O_4\ Se_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N'-dioxide-O,O')-diaqua-bis(isoselenocyanato)-cobalt(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.367(0)	***b***	9.890(1)	***c*** 12.009(1)
Space Group No.:	2	***(Å,°)***	α	79.00(0)	β	80.86(0)	γ 87.80(0)

R-Factor (%): 4.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.002



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2181

ROLLAF

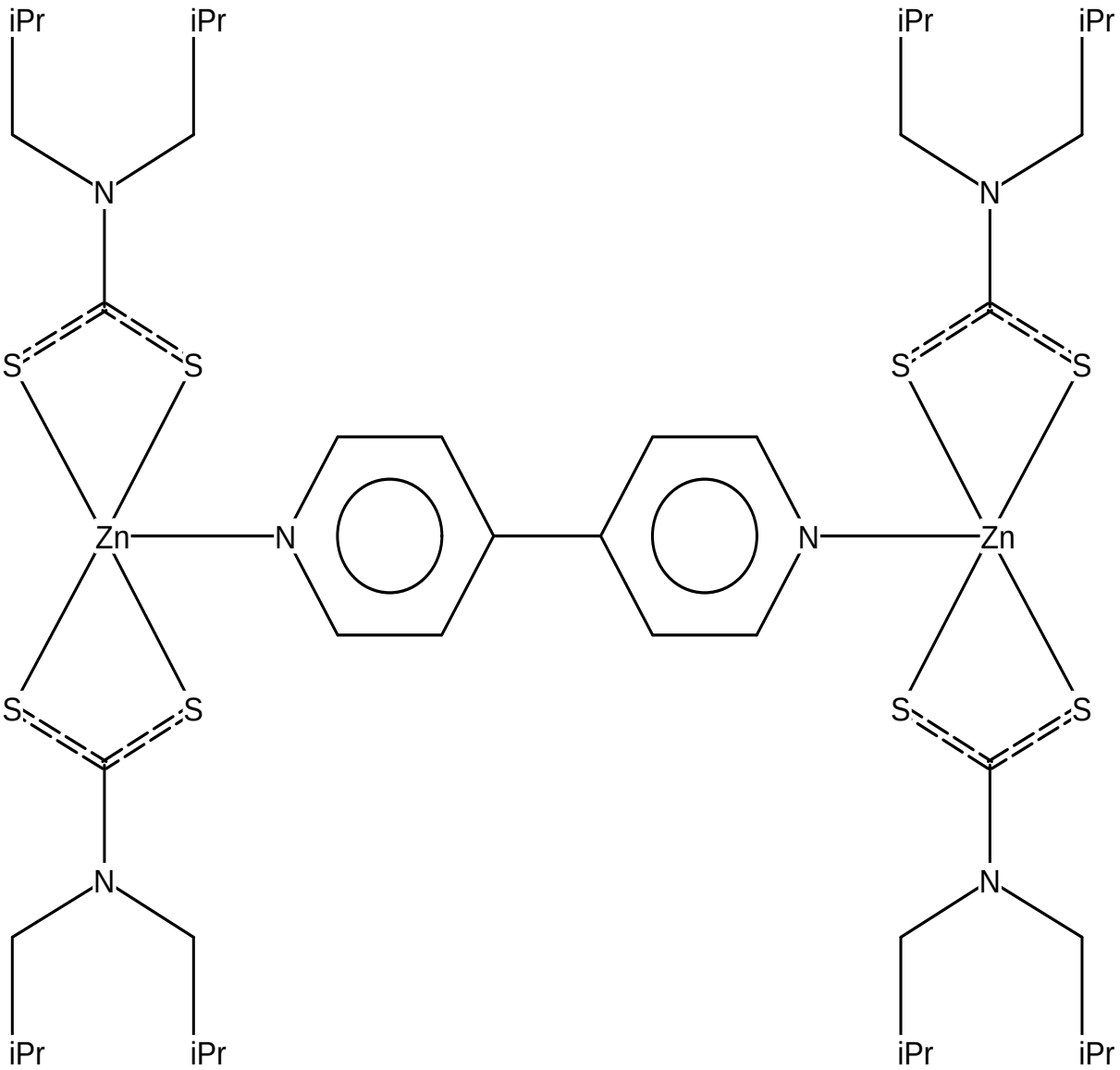
Reference: S.M.Zemskova, L.A.Glinskaya, R.F.Klevtsova, V.B.Durasov, S.A.Gromilov, S.V.Larionov (1996) *Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.)* ,**37,**1114

Formula: $C_{46}\ H_{80}\ N_6\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridyl)-tetrakis(di-isobutyldithiocarbamato)-di-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	9.508(2)	***b*** 12.899(3)	***c***	12.969(3)
Space Group No.:	2	***(Å,°)***	α	100.85(3)	β 96.63(3)	γ	108.95(3)

R-Factor (%): 3.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.264



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2182

ROLQOY

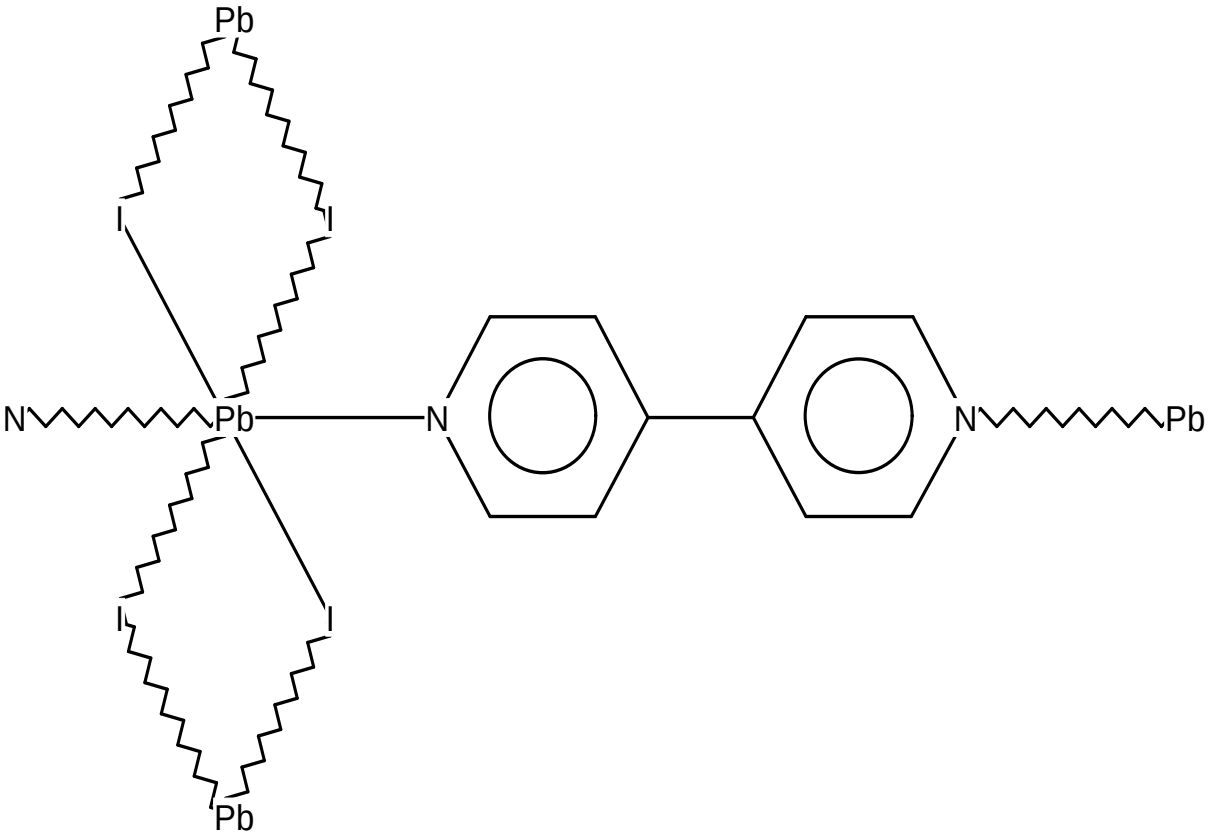
Reference: Yu-Jun Shi, Yan Xu, Yong Zhang, Bin Huang, Dun-Ru Zhu, Chuan-Ming Jin, Hao-Guo Zhu, Zhi Yu, Xue-Tai Chen, Xiao-Zeng You (2001) *Chem.Lett.* ,678

Formula: $(C_{10}\ H_8\ I_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-iodo)-lead(ii))

Space Group:	C2/m	***Cell:***	***a***	12.924(3)	***b***	12.413(3)	***c***	4.441(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	95.64(3)	γ	90.00

R-Factor (%): 2.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.891



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2183

ROLQOY01

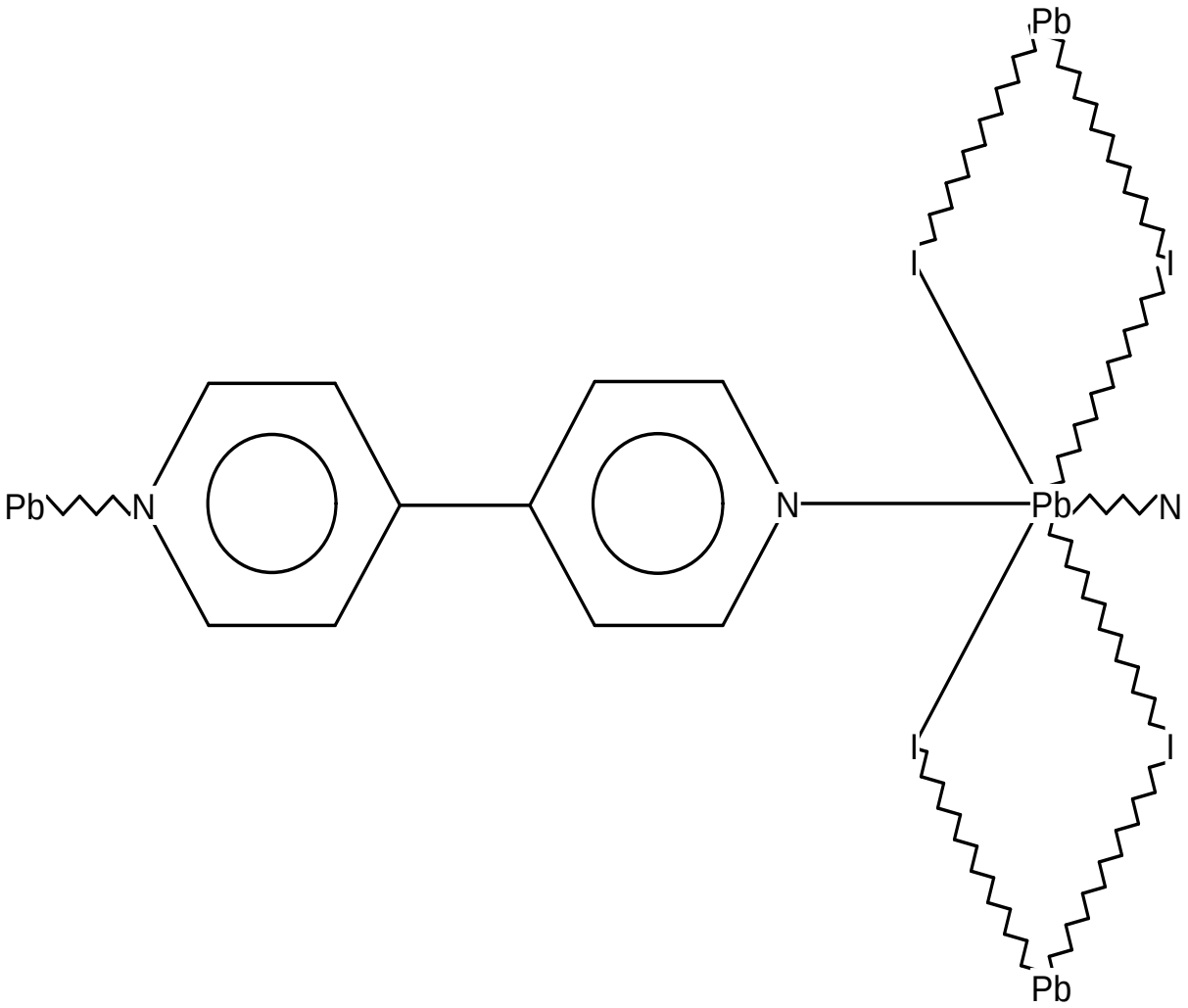
Reference: Han-dong Yin, Ji-chun Cui (2004) *Chem.Res.Chin.Univ.* , **20,**548

Formula: $(C_{10}\ H_8\ I_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-iodo)-lead(ii))

Space Group:	C2/c	***Cell:***	***a***	15.803(2)	***b*** 13.414(2)	***c***	9.472(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 120.31(0)	γ	90.00

R-Factor (%): 2.93 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.365



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2184

ROQDIK

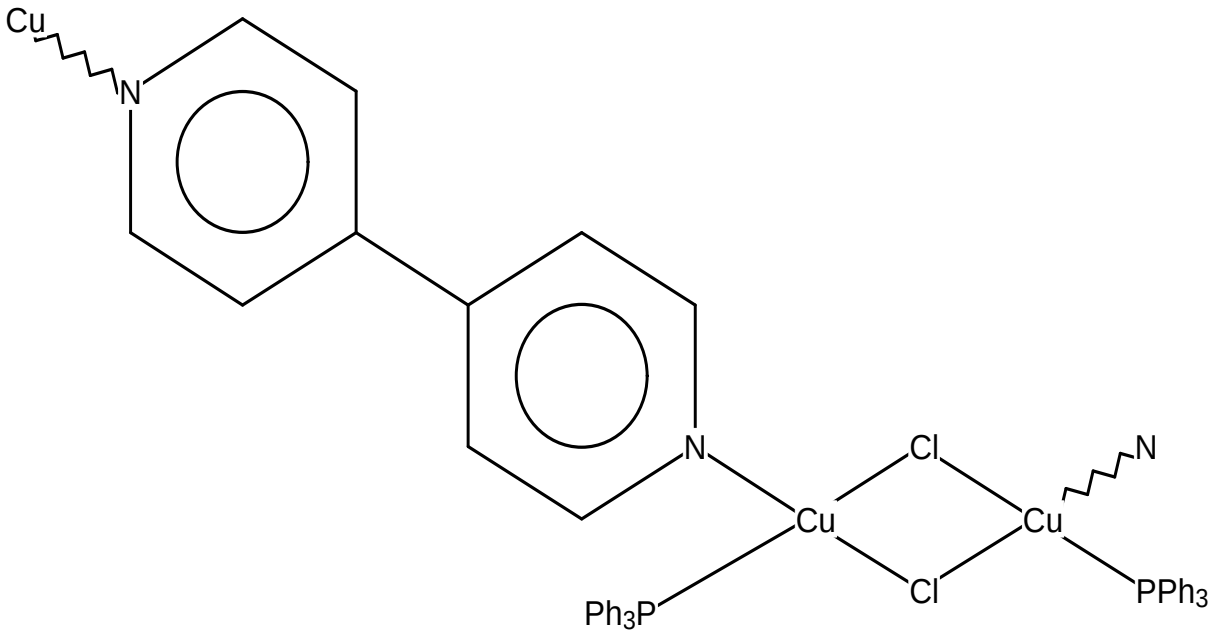
Reference: Jian Lu, G.Crisci, Tianyan Niu, A.J.Jacobson (1997) *Inorg.Chem. ,***36,**5140

Formula: $(C_{46}\ H_{38}\ Cl_2\ Cu_2\ N_2\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis((μ_2-chloro)-triphenylphosphine-copper(i)))

Space Group:	P-1	***Cell:***	***a***	9.080(2)	***b***	9.295(2)	***c*** 13.086(2)
Space Group No.:	2	***(Å,°)***	α	105.64(1)	β	105.30(1)	γ 94.91(2)

R-Factor (%): 4.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.443



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2185

ROZLIC

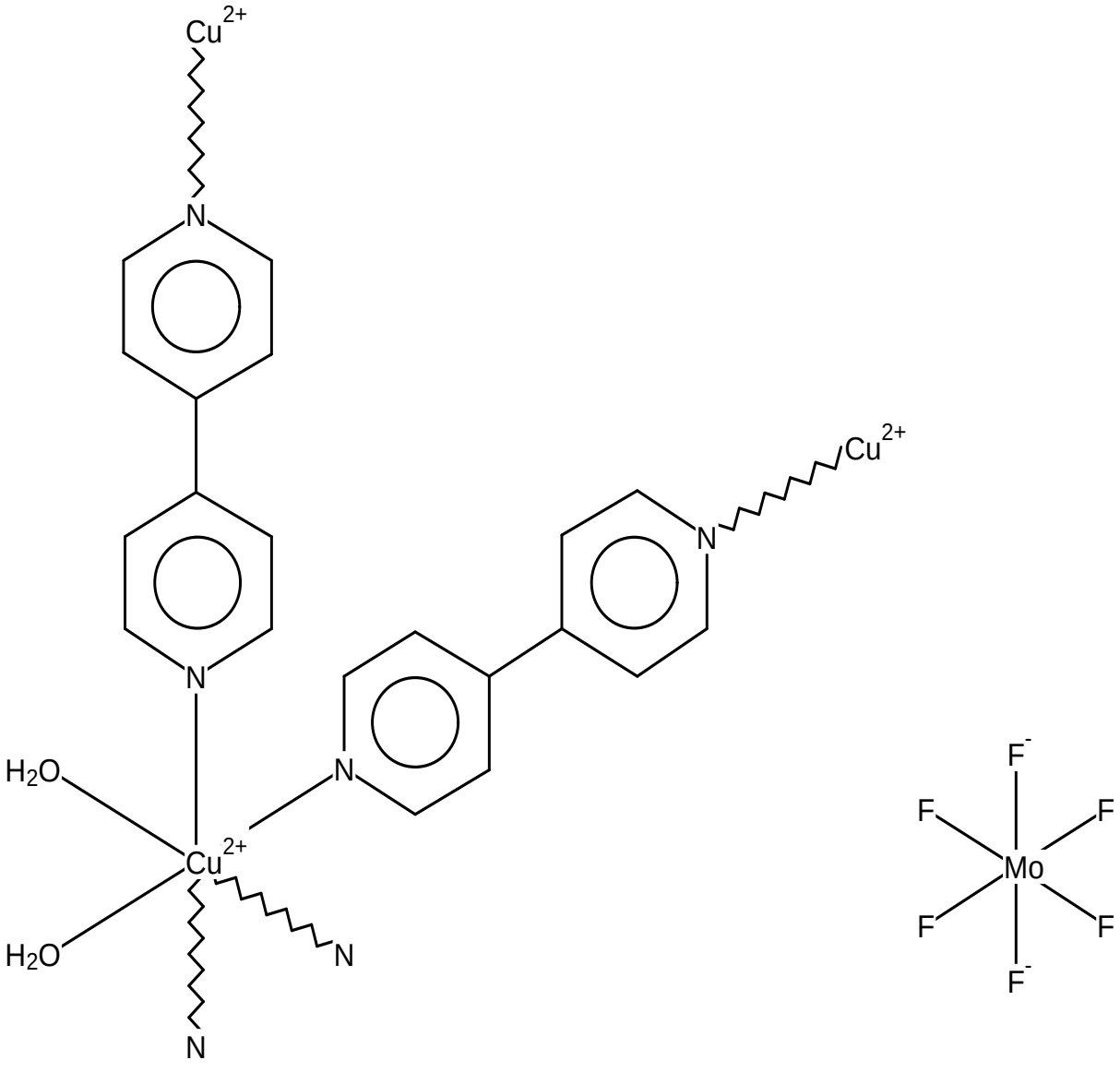
Reference: T.Mahenthirarajah, Yang Li, P.Lightfoot (2009)
Dalton Trans. ,3280

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(F_6\ Mo_1\ ^{2-})$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine-N,N')-(aqua))-copper hexafluoromolybdate)

Space Group:	P4/ncc	***Cell:***	***a***	11.243(3)	***b***	11.243(3)	***c***	15.773(4)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.37 ***Temperature(K):*** 93 ***Density(g/cm^3):*** 2.072



Search: search1 (Thu May 26 10:05:42 2011): Hit 2186

ROZLOI

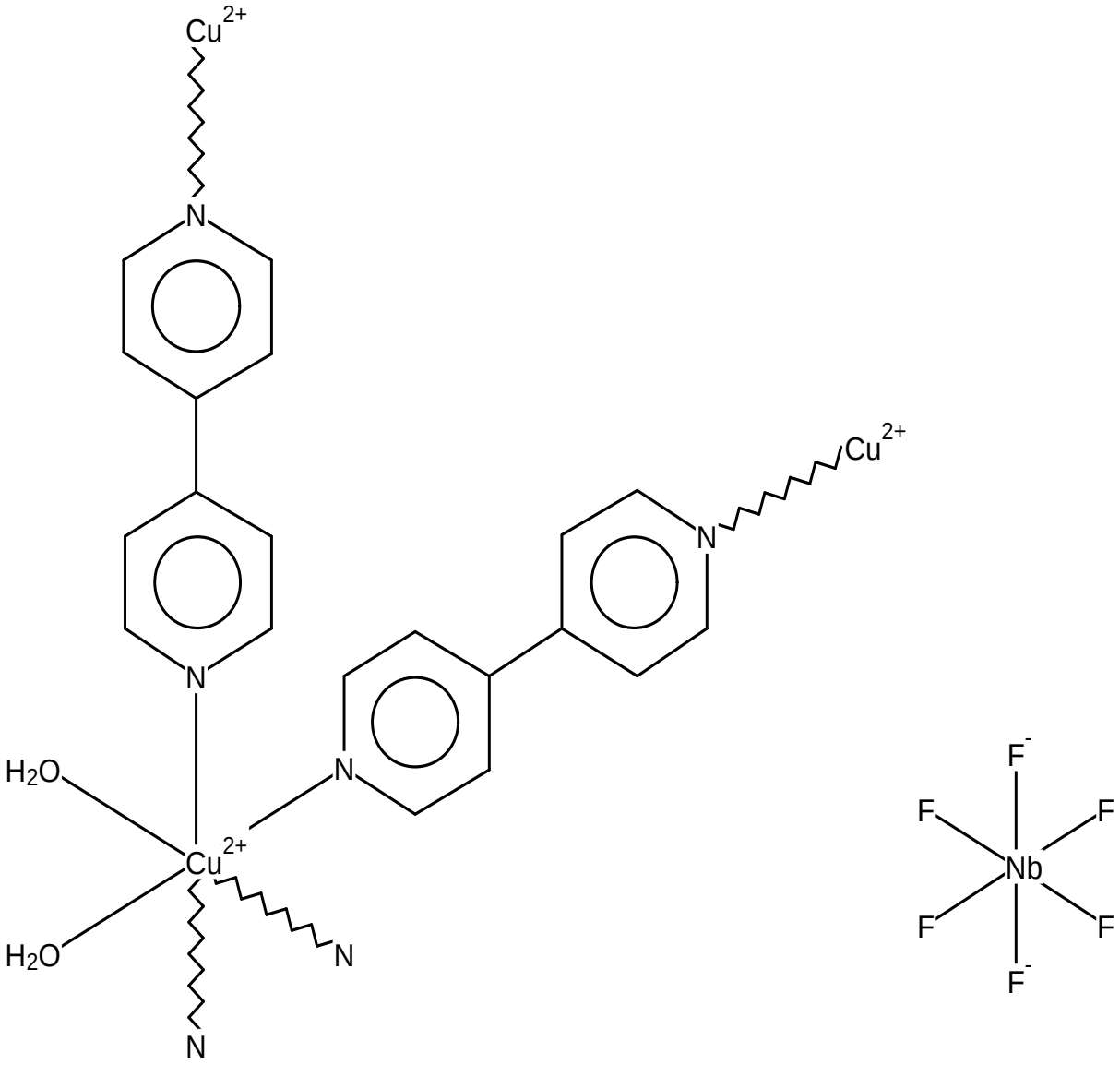
Reference: T.Mahenthirarajah, Yang Li, P.Lightfoot (2009)
Dalton Trans. ,3280

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(F_6\ Nb_1\ ^{2-})$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine-N,N')-(aqua))-copper hexafluoroniobate)

Space Group:	P4/ncc	***Cell:***	***a***	11.340(4)	***b***	11.340(4)	***c***	15.657(5)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.15 ***Temperature(K):*** 93 ***Density(g/cm^3):*** 2.042



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2187

RUBGIF

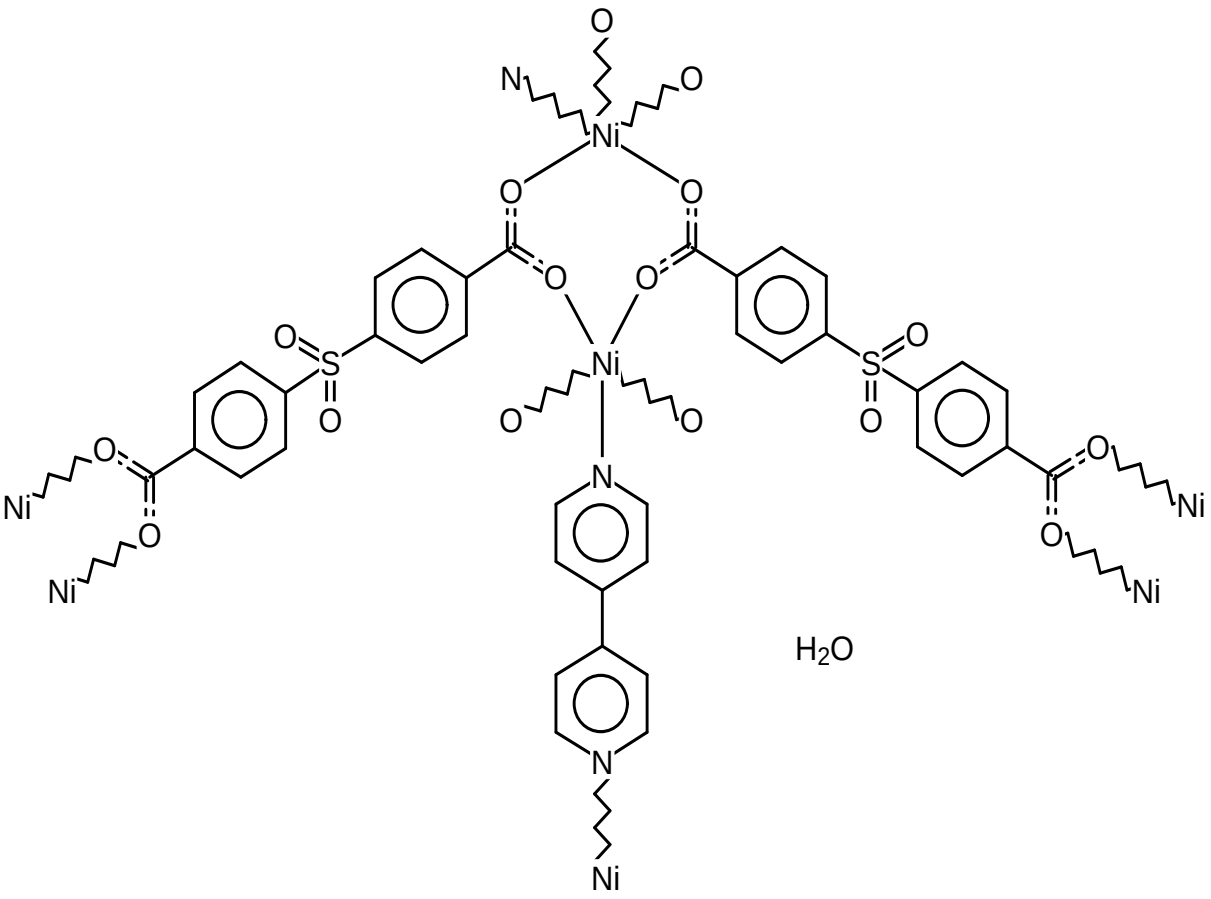
Reference: Jingyuan Wang, Yu Zhang, Yanyan Ji (2009)
Solid State Sciences ,**11,**364

Formula: $(C_{38}\ H_{24}\ N_2\ Ni_2\ O_{12}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-4,4'-sulfonyldibenzoato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-di-nickel(ii) dihydrate)

Space Group:	Cmcm	***Cell:***	***a***	12.676(1)	***b***	13.642(1)	***c***	21.897(3)
Space Group No.:	63	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.12 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.611



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2188

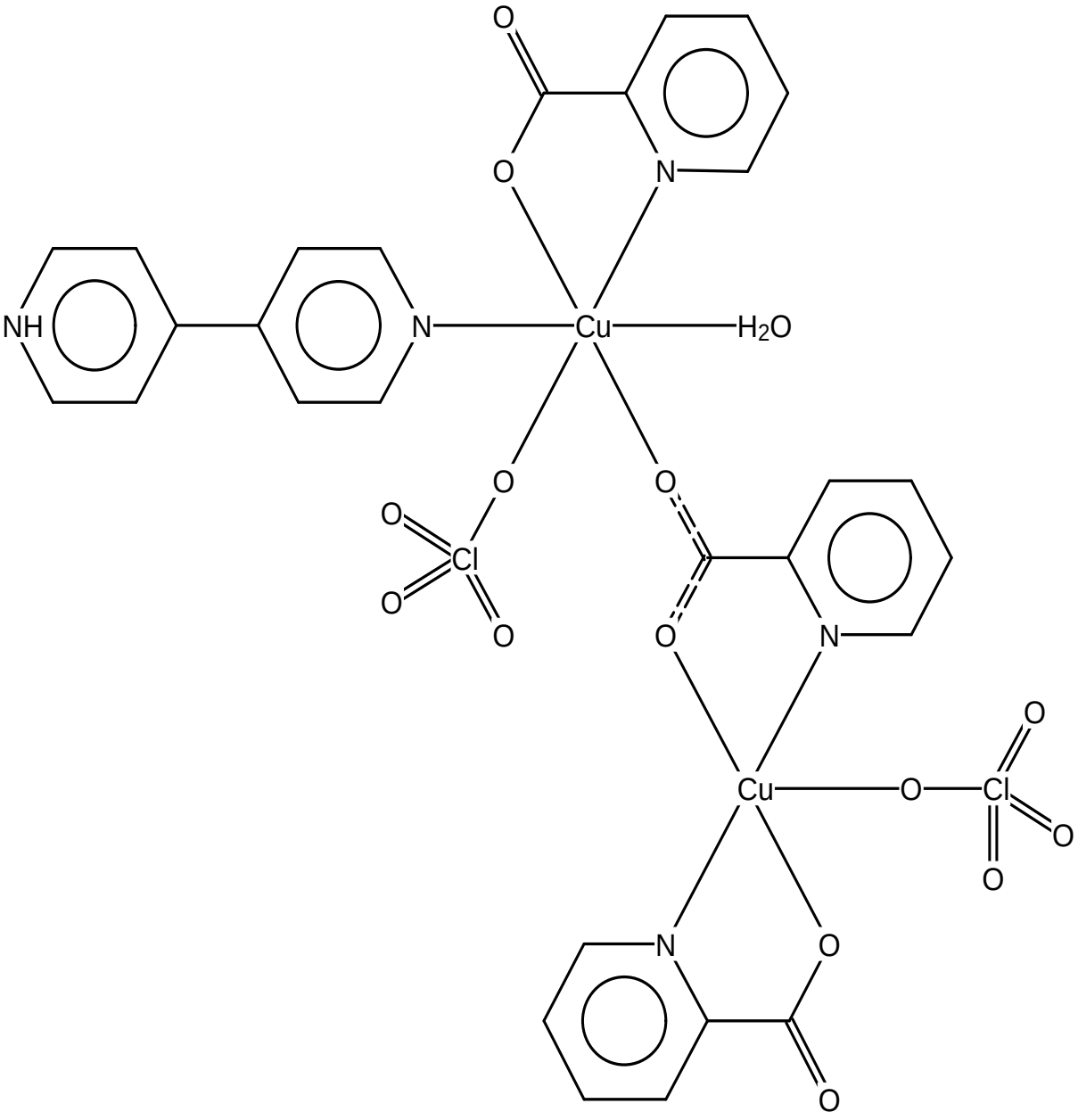
RUCKEG

Reference: C.Biswas, M.G.B.Drew, D.Escudero, A.Frontera, A.Ghosh (2009) *Eur.J.Inorg.Chem.* ,2238

Formula: $C_{28}\ H_{23}\ Cl_2\ Cu_2\ N_5\ O_{15}$

Compound Name: (μ_2-2-Pyridinecarboxylato-N,O,O')-aqua-(4,4'-bipyridin-1'-ium-N^1)-bis(2-pyridinecarboxylato-N,O)-bis(perchlorato-O)-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	8.337(1)	***b***	10.022(1)	***c***	19.786(4)
Space Group No.:	2	***(Å,°)***	α	93.63(1)	β	98.96(1)	γ	92.42(1)
R-Factor (%):	7.70	***Temperature(K):***	150		***Density(g/cm^3):***	1.770		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2189

RUDGON

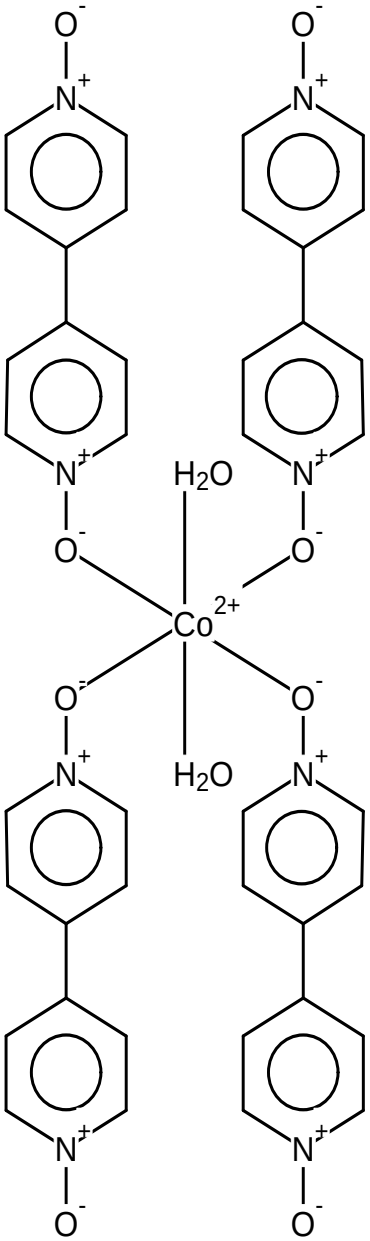
Reference: Meilin Wei, Haiyun Xu, Ruiping Sun (2009)
J.Coord.Chem. ,**62,**1989

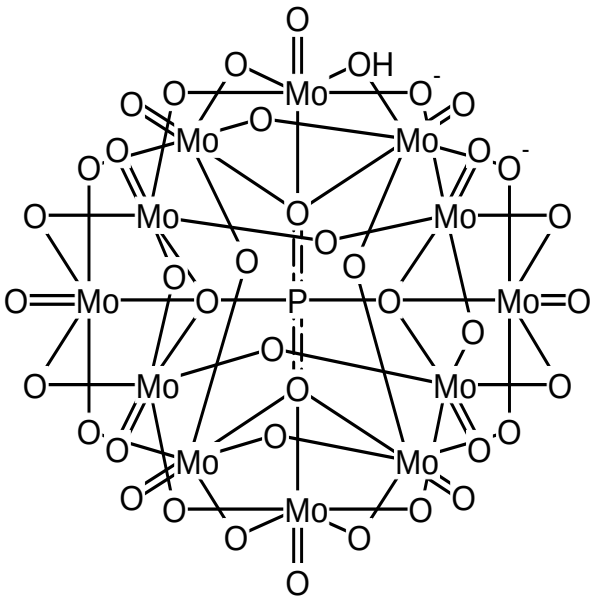
Formula: $C_{40}\ H_{36}\ Co_1\ N_8\ O_{10}\ ^{2+}$,$H_1\ Mo_{12}\ O_{40}\ P_1\ ^{2-}$,6($H_2\ O_1$)

Compound Name: Diaqua-tetrakis(4,4'-bipyridine-N,N'-dioxide-O)-cobalt(ii) (μ_{12}-phosphato)-(μ_2-hydroxo)-tricosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum hexahydrate

Space Group:	P-1	***Cell:***	***a***	9.957(2)	***b*** 13.746(3)	***c***	14.245(3)
Space Group No.:	2	***(Å,°)***	α	92.89(0)	β 100.40(0)	γ	94.47(0)

R-Factor (%): 6.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.419





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2190

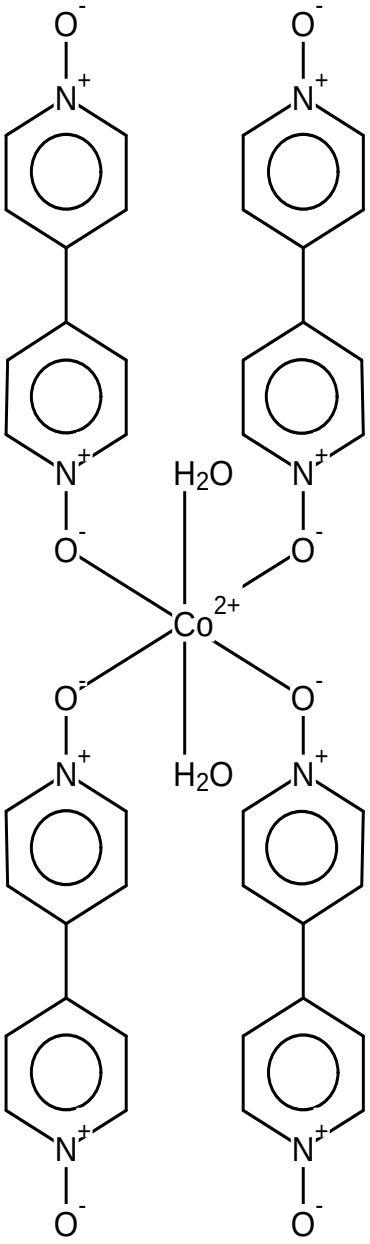
RUDGUT

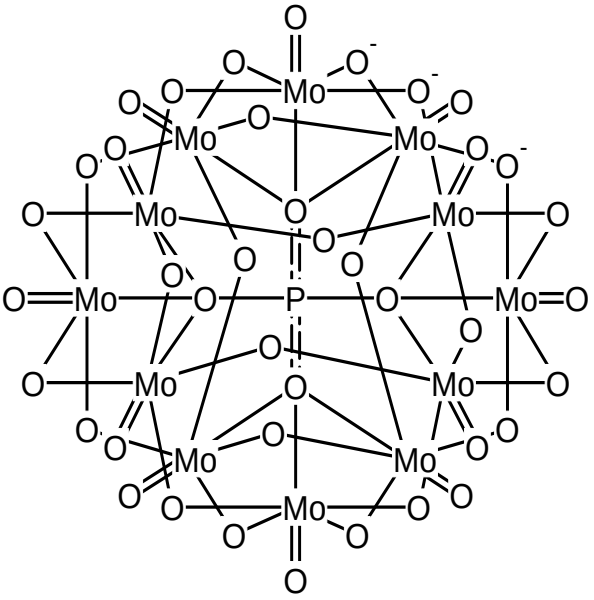
Reference: Meilin Wei, Haiyun Xu, Ruiping Sun (2009)
J.Coord.Chem. ,**62,**1989

Formula: $C_{40}\ H_{36}\ Co_1\ N_8\ O_{10}\ ^{2+}$,$Mo_{12}\ O_{40}\ P_1\ ^{3-}$,$H_3\ O_1\ ^{1+}$,4($C_1\ H_4\ O_1$)

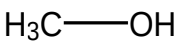
Compound Name: Diaqua-tetrakis(4,4'-bipyridine-N,N'-dioxide-O)-cobalt(ii) oxonium (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum methanol solvate

Space Group:	P-1	***Cell:***	***a***	9.958(0)	***b***	13.884(0)	***c***	14.212(1)
Space Group No.:	2	***(Å,°)***	α	89.23(0)	β	77.89(0)	γ	86.00(0)
R-Factor (%):	4.06	***Temperature(K):***	293	***Density(g/cm^3):***	2.441			









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2191

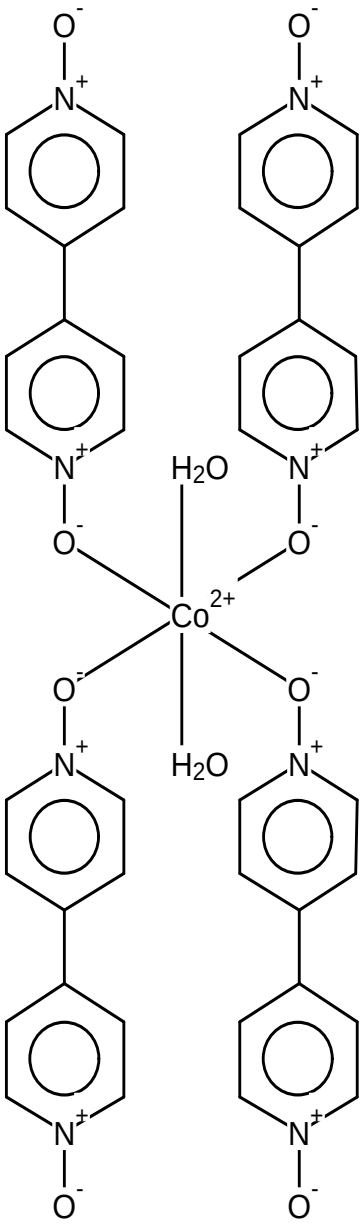
RUDHAA

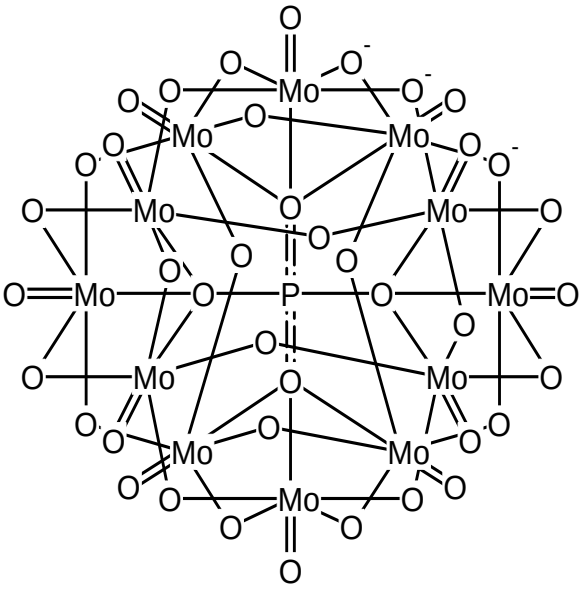
Reference: Meilin Wei, Haiyun Xu, Ruiping Sun (2009)
J.Coord.Chem. ,**62,**1989

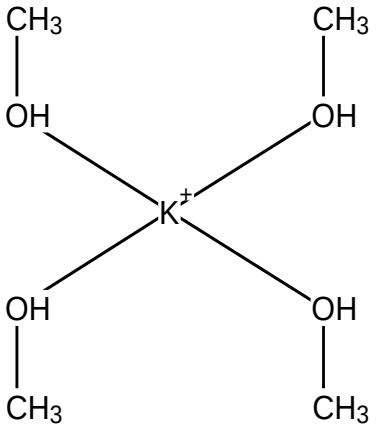
Formula: $C_{40}\ H_{36}\ Co_1\ N_8\ O_{10}\ ^{2+}$,$C_4\ H_{16}\ K_1\ O_4\ ^{1+}$,$Mo_{12}\ O_{40}\ P_1\ ^{3-}$

Compound Name: Diaqua-tetrakis(4,4'-bipyridine-N,N'-dioxide-O)-cobalt(ii) tetrakis(methanol)-potassium (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum

Space Group:	P-1	***Cell:***	***a***	9.953(0)	***b***	13.844(1)	***c***	14.180(1)
Space Group No.:	2	***(Å,°)***	α	89.58(0)	β	77.83(0)	γ	85.87(0)
R-Factor (%):	4.37	***Temperature(K):***	293		***Density(g/cm^3):***	2.473		







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2192

RUFLIN

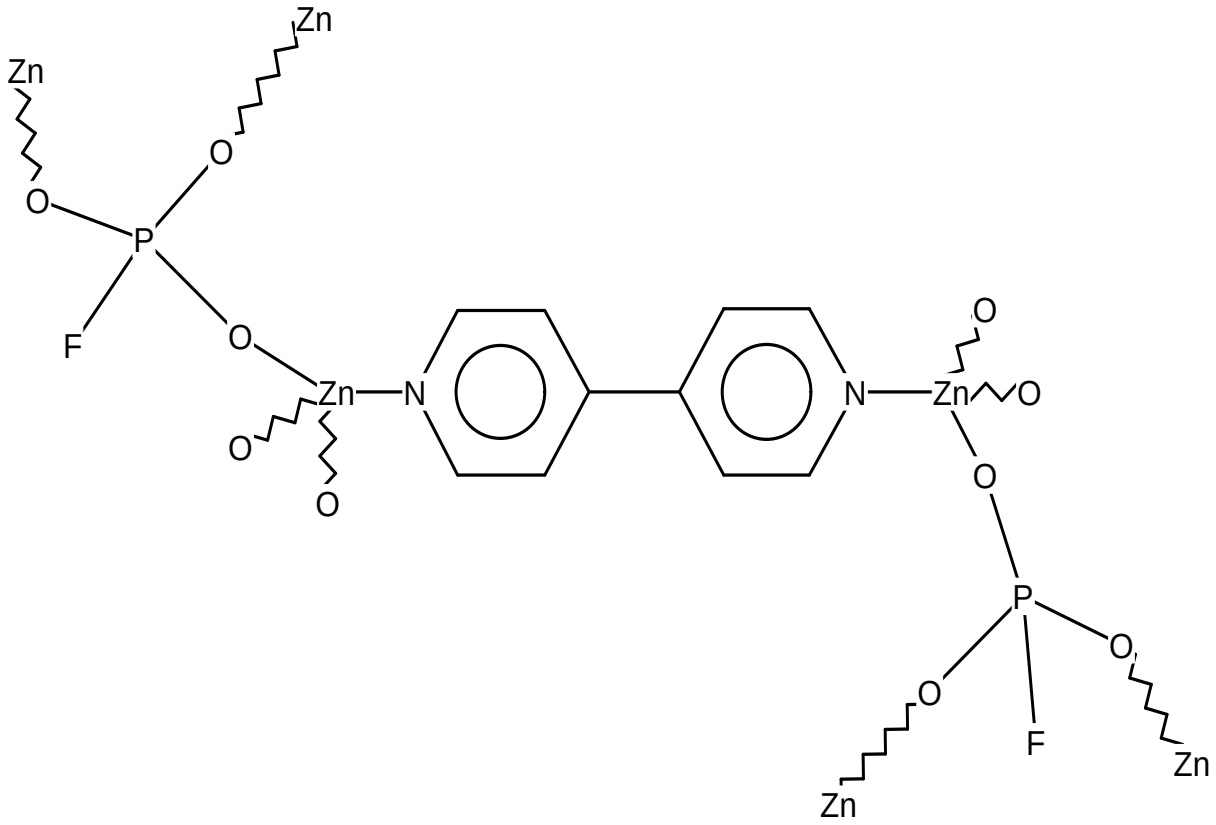
Reference: P.S.Halasyamani, M.J.Drewitt, D.O'Hare (1997)
Chem.Commun. ,867

Formula: $(C_{10}\ H_8\ F_2\ N_2\ O_6\ P_2\ Zn_2)n$

Compound Name: catena((μ$_2$-4,4'-Bipyridyl)-bis(μ$_3$-fluorophosphato)-di-zinc)

Space Group:	P21/a	***Cell:***	***a***	8.229	***b*** 9.813(2)	***c***	17.996
Space Group No.:	14	***(Å,°)***	α	90.00	β 79.73(0)	γ	90.00

R-Factor (%): 3.00 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.243



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2193

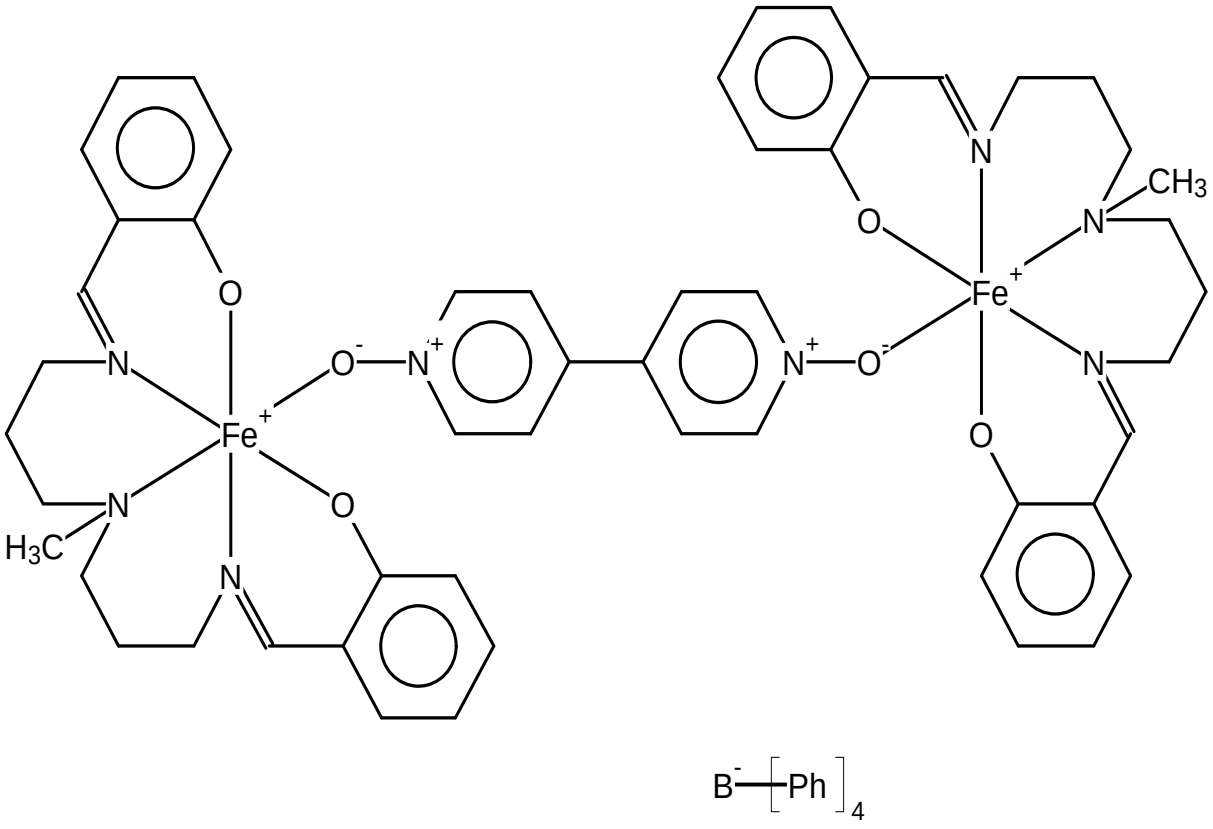
RUHGOR

Reference: I.Nemec, R.Boca, R.Herchel, Z.Travnicek, M.Gembicky, W.Linert (2009) *Monatsh.Chem. ,***140,**815

Formula: $C_{52}\ H_{58}\ Fe_2\ N_8\ O_6\ ^{2+},2(C_{24}\ H_{20}\ B_1\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(N,N-bis(3-(salicylideneamino) propyl)methylamine-N,N',N'',O,O')-di-iron(iii) bis(tetraphenylborate)

Space Group:	P21/n	***Cell:***	***a***	14.000(0)	***b***	13.201(0)	***c***	22.858(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.72(0)	γ	90.00
R-Factor (%):	5.19	***Temperature(K):***	90		***Density(g/cm^3):***	1.290		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2194

RUHGUX

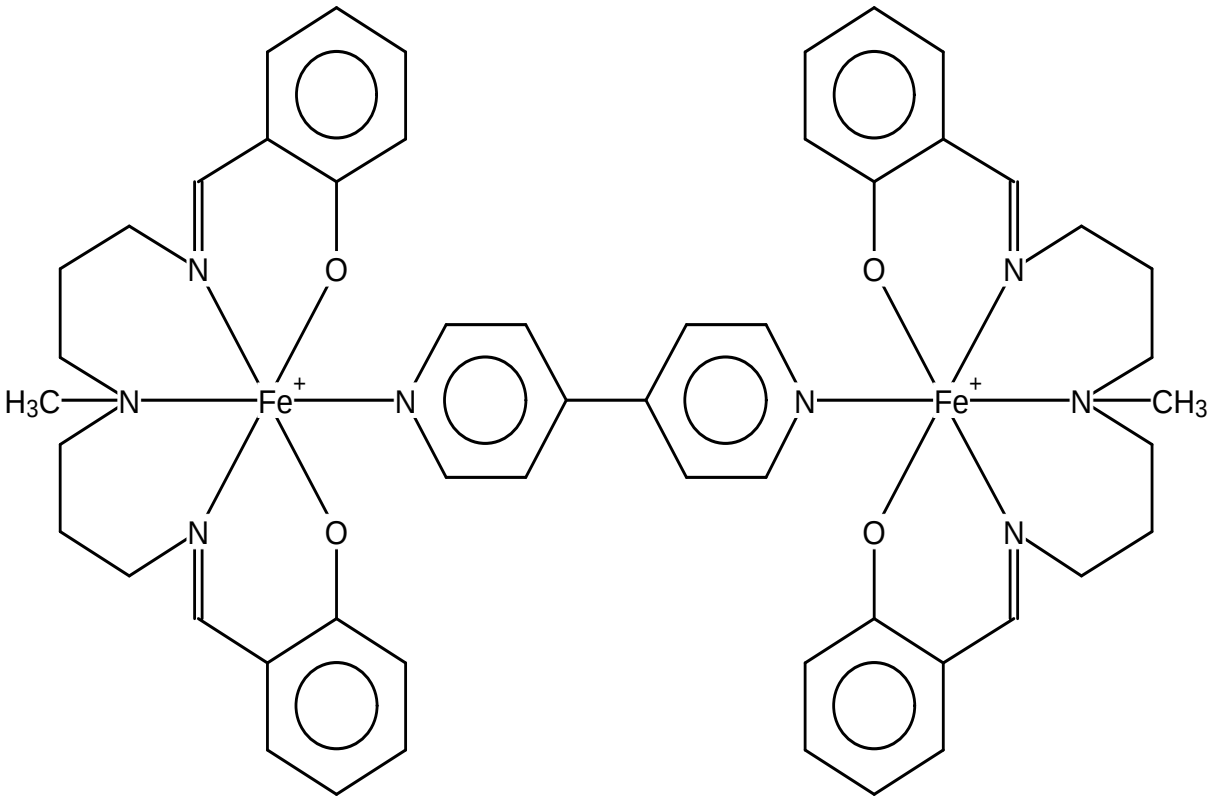
Reference: I.Nemec, R.Boca, R.Herchel, Z.Travnicek, M.Gembicky, W.Linert (2009) *Monatsh.Chem. ,***140,**815

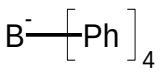
Formula: $C_{52}\ H_{58}\ Fe_2\ N_8\ O_4\ ^{2+},2(C_{24}\ H_{20}\ B_1\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(N,N-bis(3-(salicylideneamino)propyl) methylamine-N,N',N'',O,O')-di-iron(iii) bis(tetraphenylborate)

Space Group:	P21/c	***Cell:***	***a***	15.745(0)	***b*** 16.572(0)	***c***	15.846(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.78(0)	γ	90.00

R-Factor (%): 4.35 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.320





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2195

RUHHEI

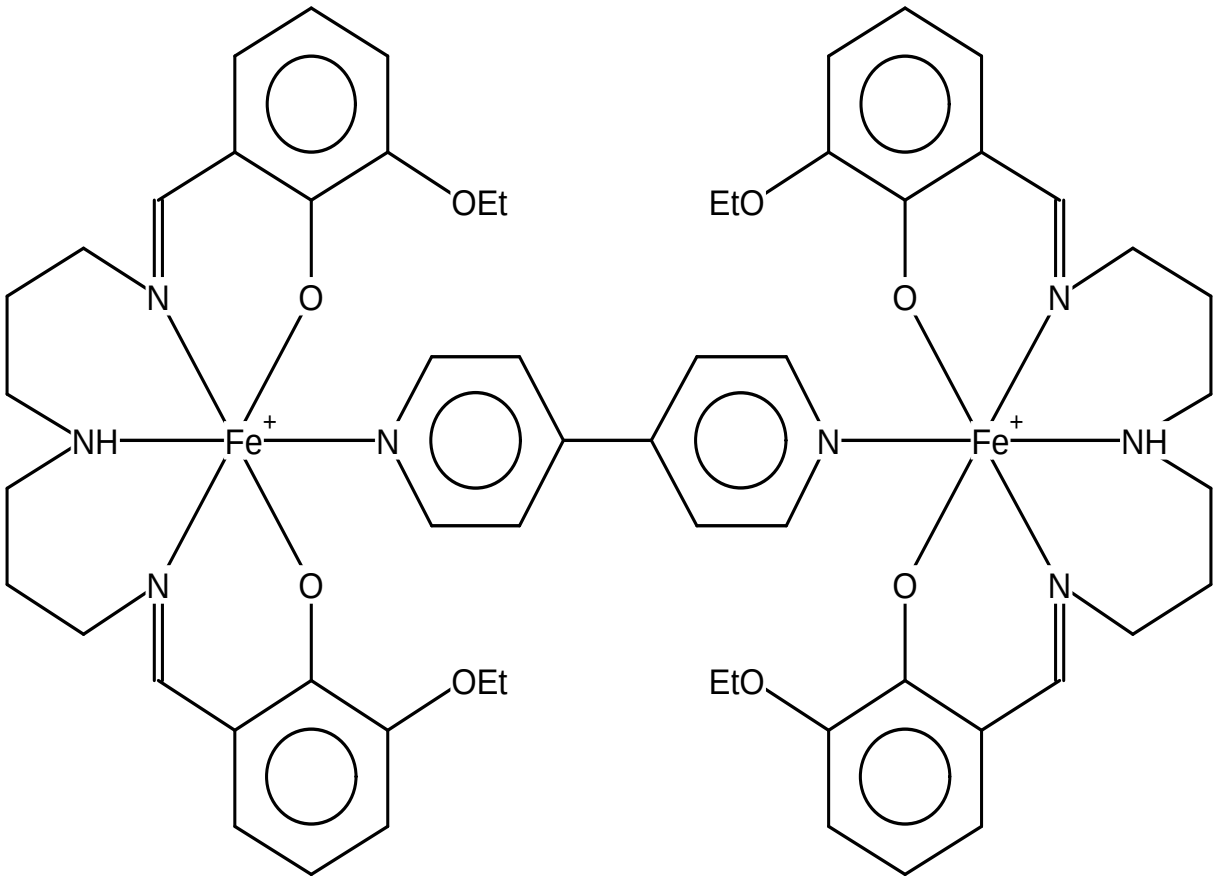
Reference: I.Nemec, R.Boca, R.Herchel, Z.Travnicek, M.Gembicky, W.Linert (2009) *Monatsh.Chem. ,***140,**815

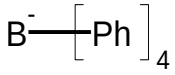
Formula: $C_{58}\ H_{70}\ Fe_2\ N_8\ O_8\ ^{2+}$,2($C_{24}\ H_{20}\ B_1\ ^{1-}$),$C_1\ H_4\ O_1$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(bis(3-(3-ethoxysalicylideneamino)propyl) amine-N,N',N'',O,O')-di-iron(iii) bis(tetraphenylborate) methanol solvate

Space Group:	C2/c	***Cell:***	***a***	27.962(3)	***b*** 24.983(2)	***c***	16.032(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.91(0)	γ	90.00

R-Factor (%): 4.36 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.170







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2196

RUJFOS

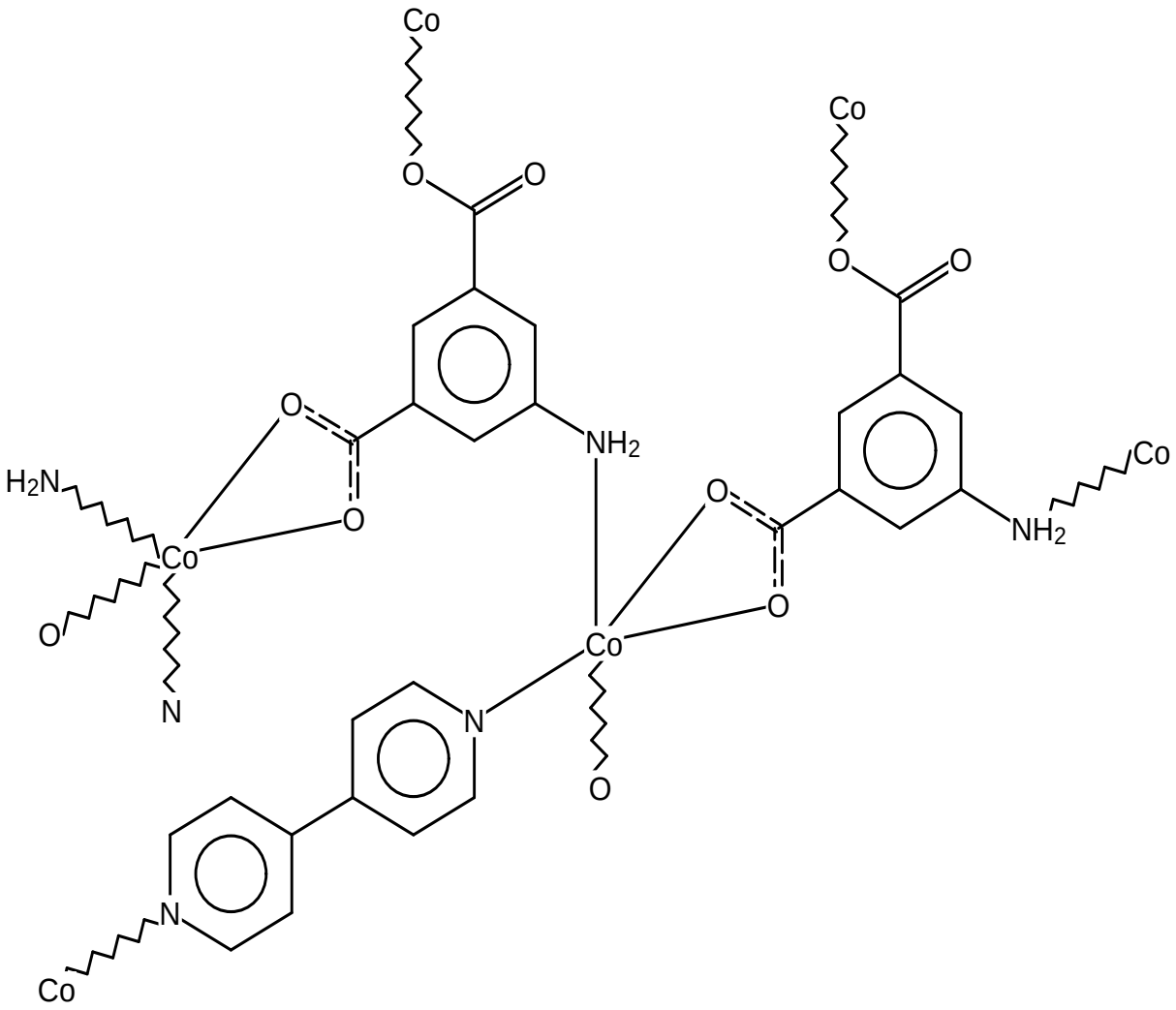
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{18}\ Co_2\ N_4\ O_8)n$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-di-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a***	11.230(9)	***b*** 7.726(6)	***c***	15.917(12)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.70(1)	γ	90.00

R-Factor (%): 7.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.588



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2197

RUJFUY

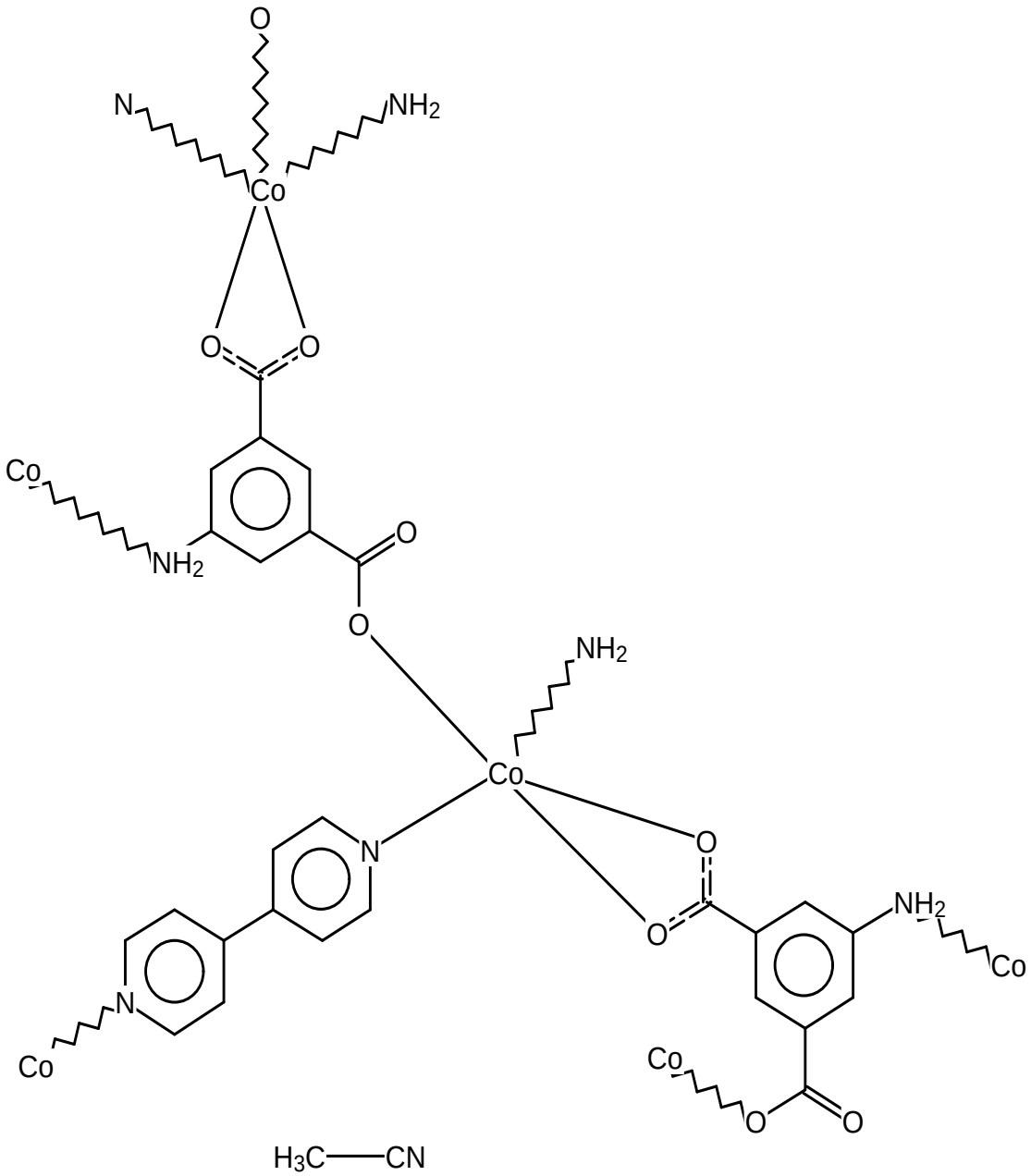
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{26}\ H_{18}\ Co_2\ N_4\ O_8)n,2n(C_2\ H_3\ N_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-di-cobalt(ii) acetonitrile solvate)

Space Group:	P21/c	***Cell:***	***a***	11.976(6)	***b*** 7.669(4)	***c***	15.986(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.53(1)	γ	90.00

R-Factor (%): 7.38 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.695



Search: search1 (Thu May 26 10:05:42 2011): Hit 2198

RUJGAF

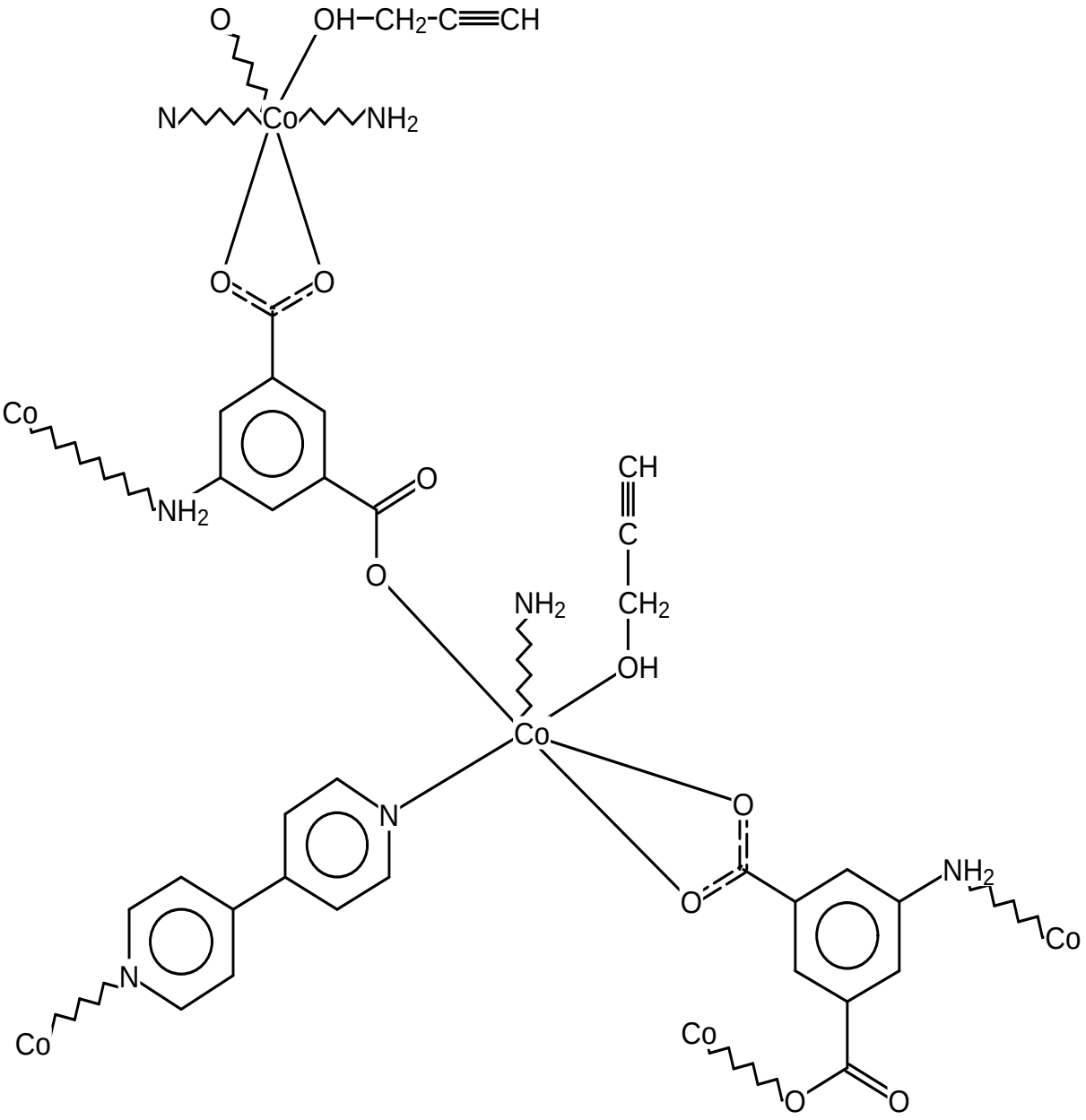
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{32}\ H_{26}\ Co_2\ N_4\ O_{10})n$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-bis(propynyl alcohol)-di-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a***	12.225(1)	***b*** 7.629(1)	***c***	16.105(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.10(0)	γ	90.00

R-Factor (%): 7.04 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.722



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2199

RUJJAH

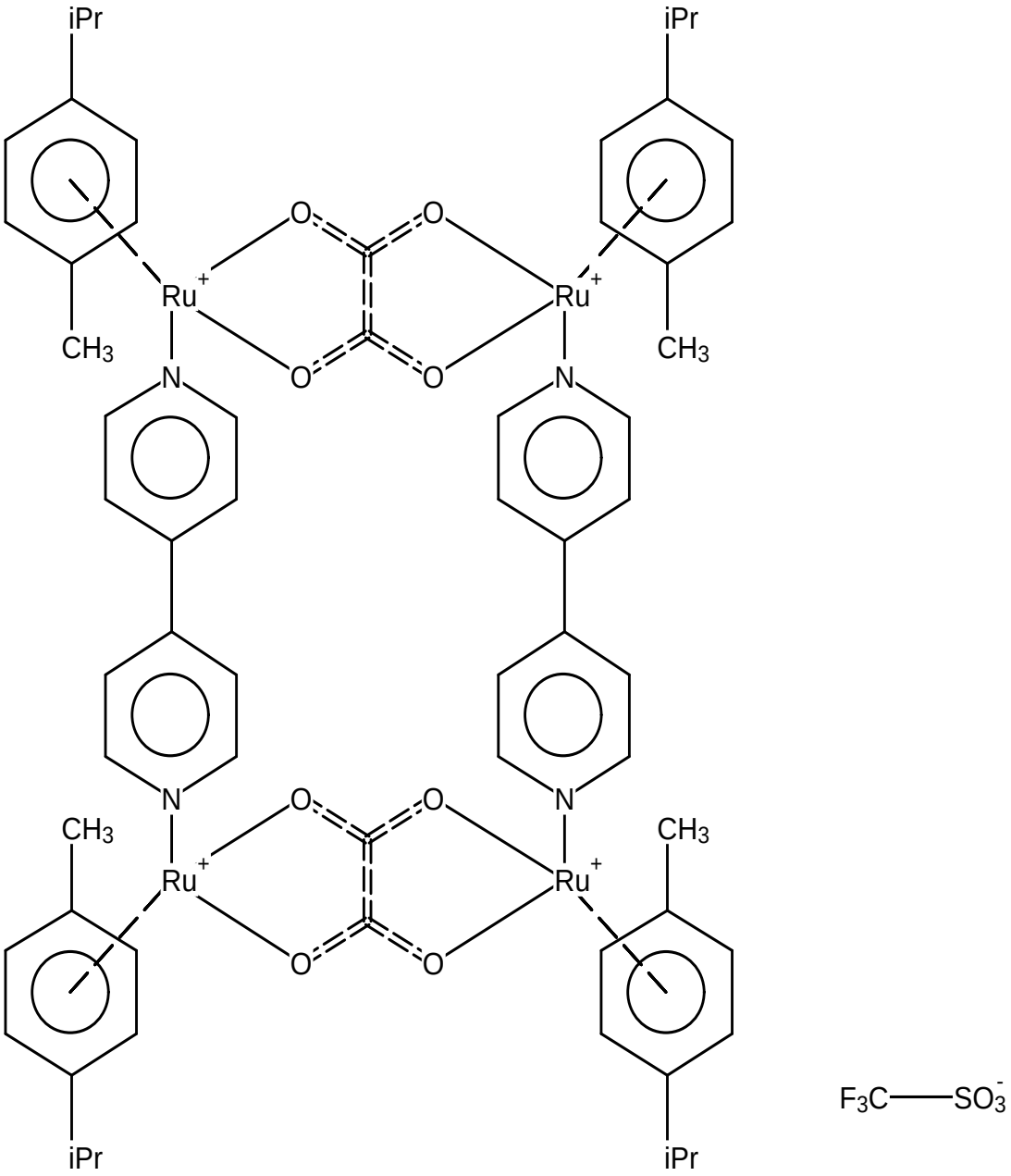
Reference: Hong Yan, G.Suss-Fink, A.Neels, H.Stoeckli-Evans (1997) *J.Chem.Soc.,Dalton Trans.* ,4345

Formula: $C_{64}\ H_{72}\ N_4\ O_8\ Ru_4\ ^{4+}, 4(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: bis((μ$_2$-4,4-Bipyridyl)-(μ$_2$-oxalato))-tetrakis(η^6-p-cymene)-tetra-ruthenium tetrakis(trifluoromethanesulfonate)

Space Group:	I2/a	***Cell:***	***a***	20.728(2)	***b*** 14.606(5)	***c***	29.663(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.84(1)	γ	90.00

R-Factor (%): 10.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2200

RUKQAQ

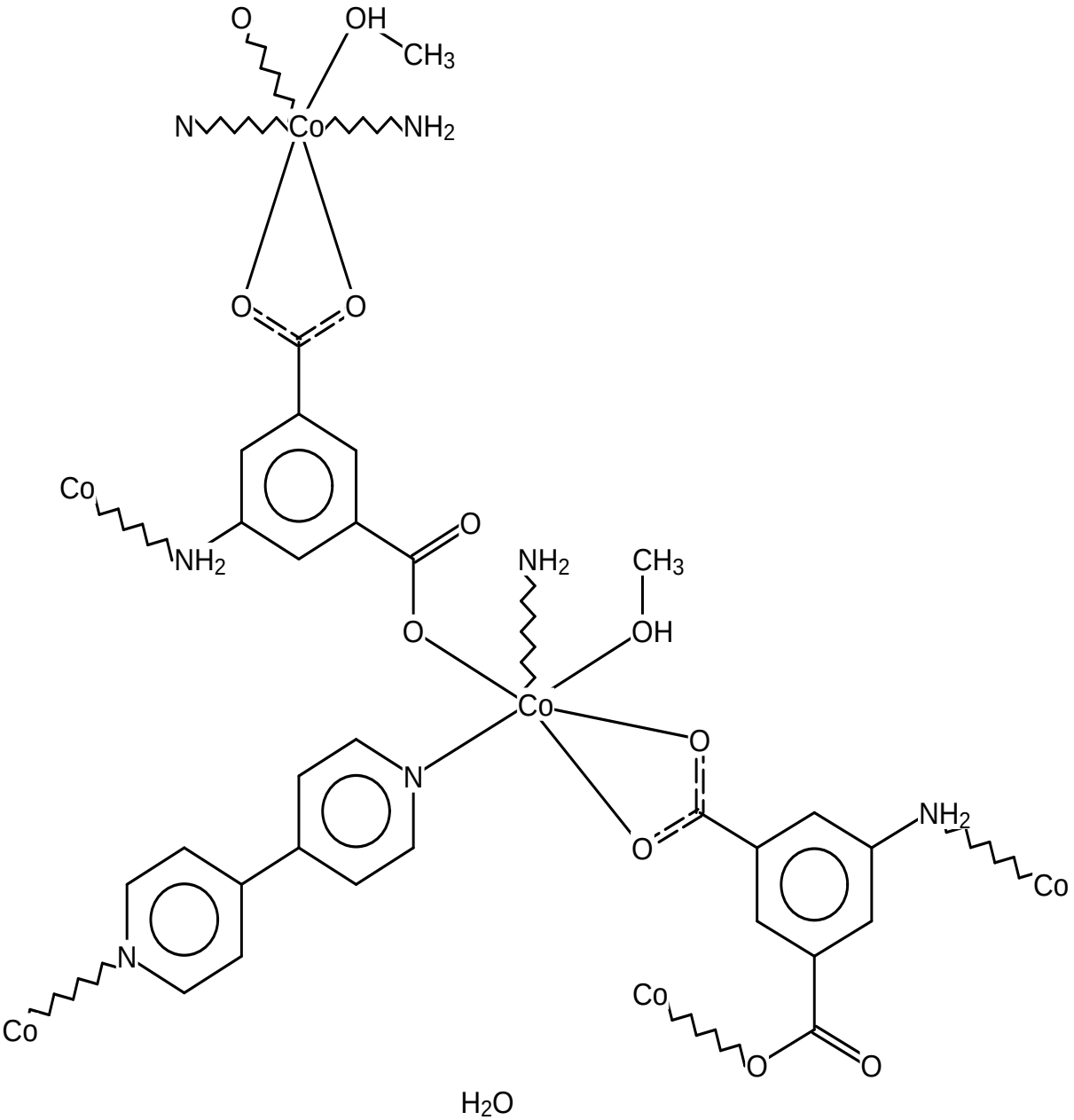
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{28}\ H_{26}\ Co_2\ N_4\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-bis(methanol)-di-cobalt(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.205(6)	***b*** 7.725(4)	***c***	15.865(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.26(0)	γ	90.00

R-Factor (%): 5.66 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.686



Search: search1 (Thu May 26 10:05:42 2011): Hit 2201

RUKQAQ01

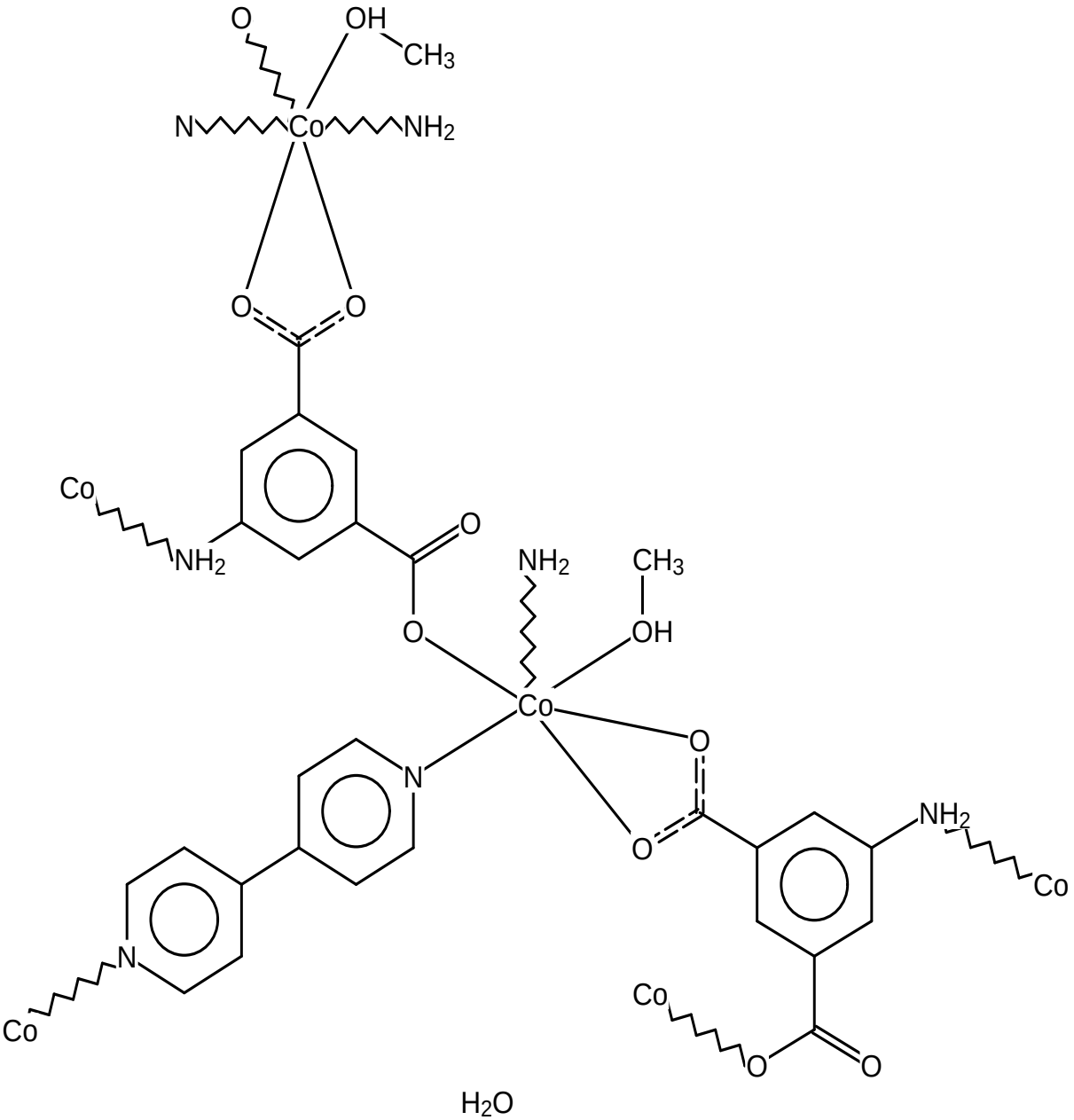
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{28}\ H_{26}\ Co_2\ N_4\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-bis(methanol)-di-cobalt(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.307(1)	***b*** 7.705(1)	***c***	15.867(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.61(0)	γ	90.00

R-Factor (%): 3.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.679



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2202

RUKQEU

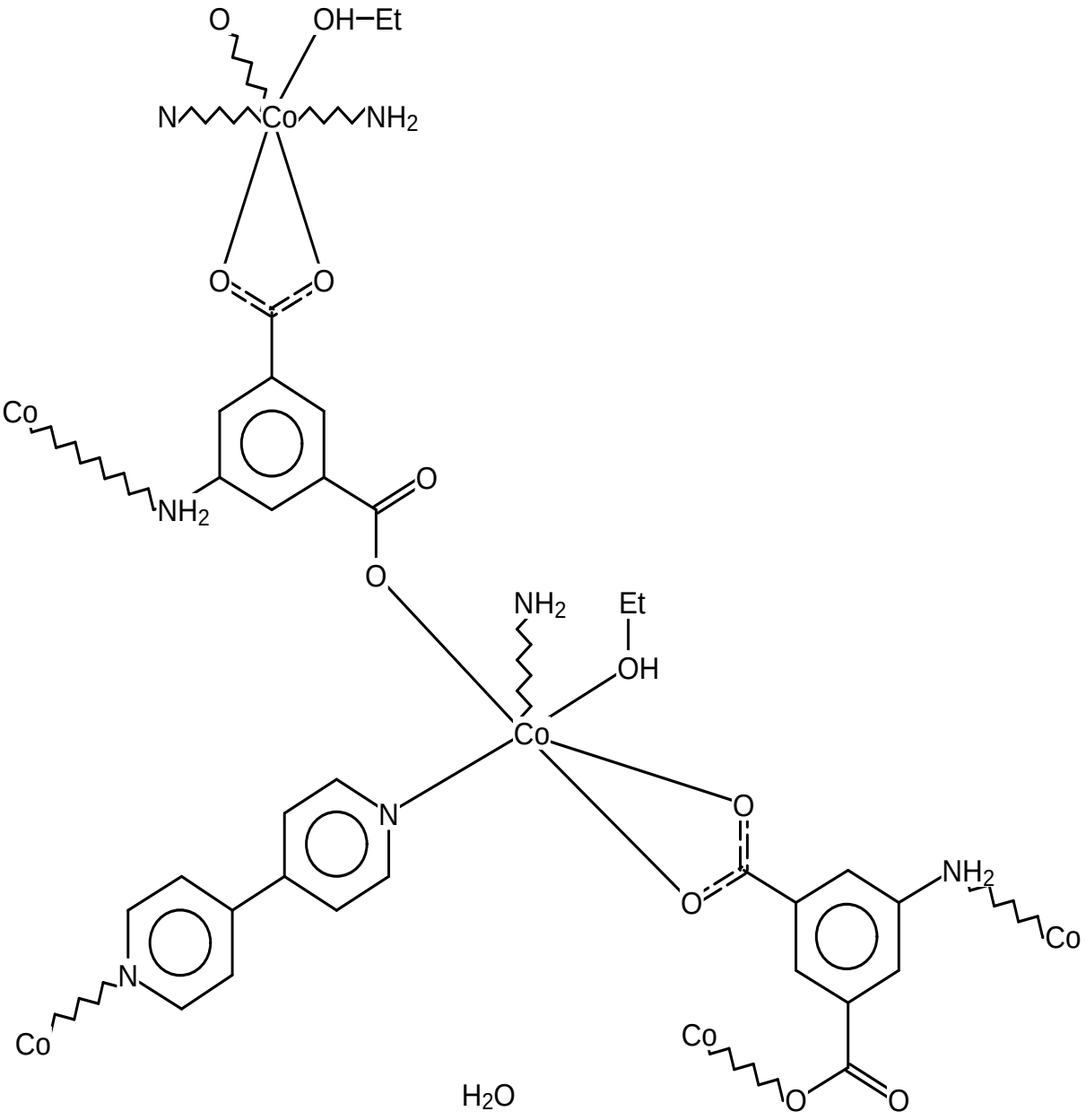
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{30}\ H_{30}\ Co_2\ N_4\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-bis(ethanol)-di-cobalt(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.664(1)	***b*** 7.611(0)	***c***	15.889(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.36(0)	γ	90.00

R-Factor (%): 6.18 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.728



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2203

RUKQEU01

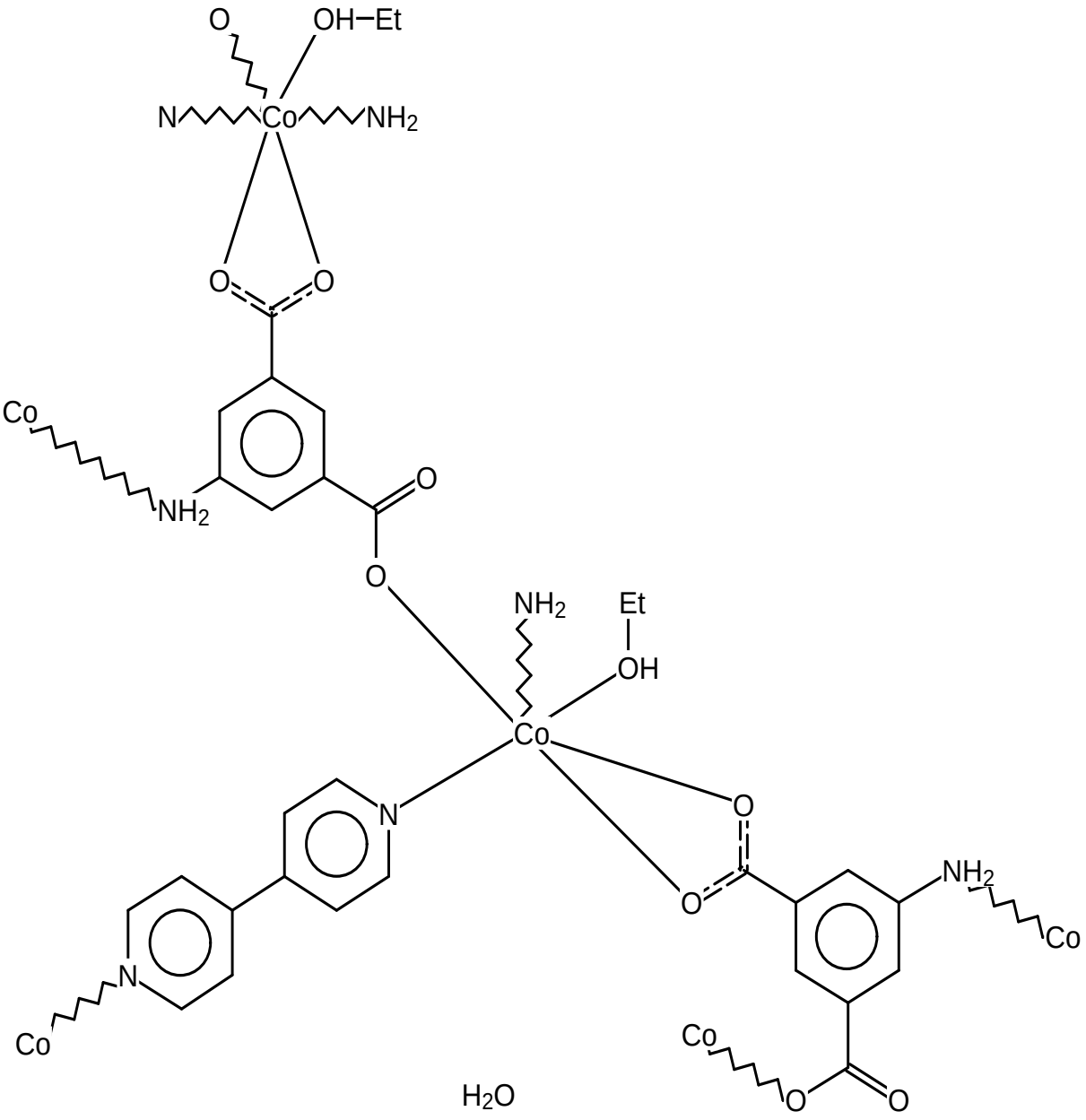
Reference: Ming-Hua Zeng, Sheng Hu, Qing Chen, Gang Xie, Qi Shuai, Sheng-Li Gao, Li-Yuan Tang (2009) *Inorg.Chem.* ,**48,**7070

Formula: $(C_{30}\ H_{30}\ Co_2\ N_4\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Aminoisophthalato-N,O,O',O'')-(μ_2-4,4'-bipyridine)-bis(ethanol)-di-cobalt(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	12.765(4)	***b*** 7.615(2)	***c***	16.016(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.40(0)	γ	90.00

R-Factor (%): 10.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.710



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2204

RUKWEA

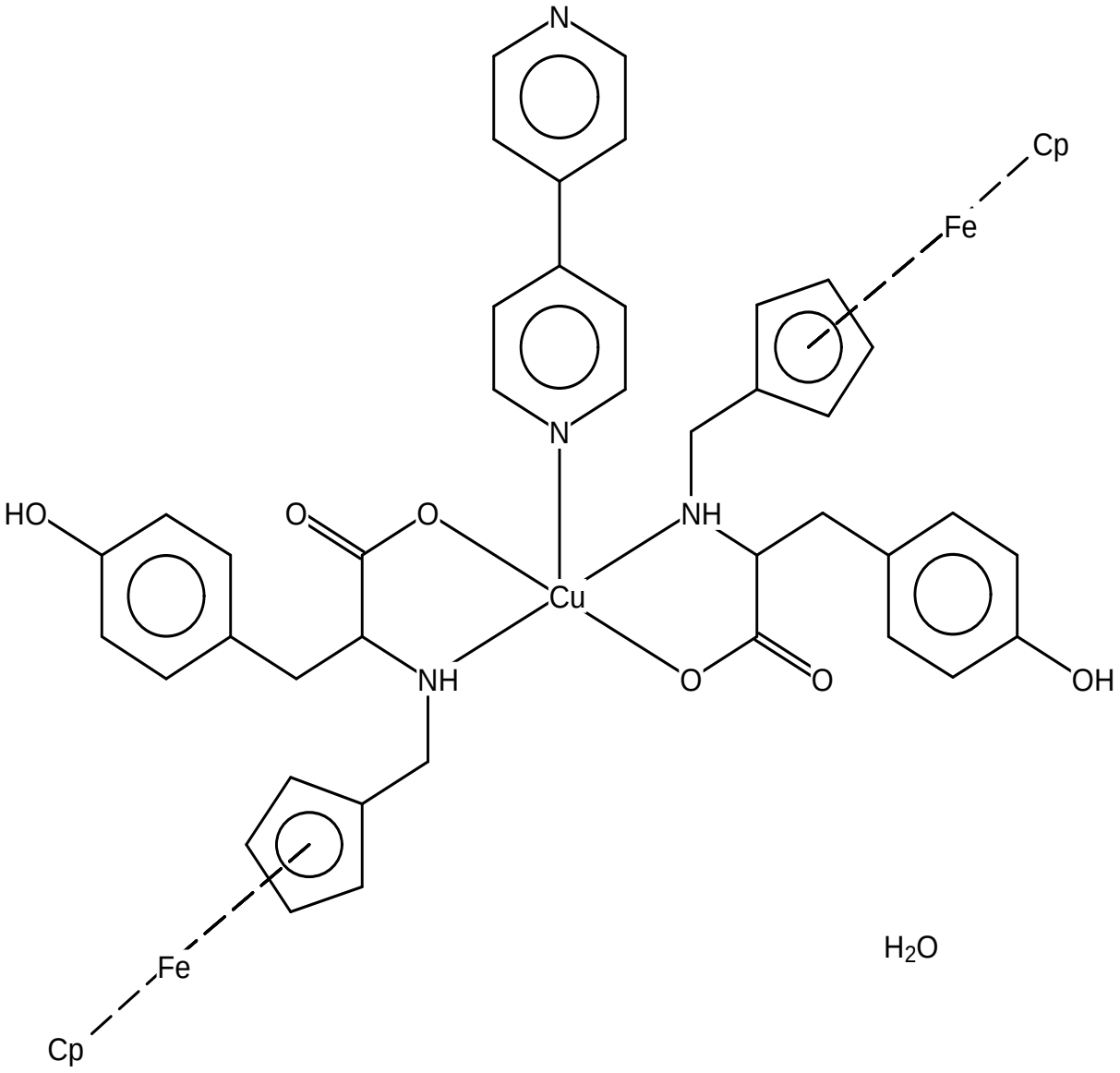
Reference: S.C.Sahoo, M.Ray (2009) *Dalton Trans.* ,3230

Formula: $C_{50}\ H_{48}\ Cu_1\ Fe_2\ N_4\ O_6,H_2\ O_1$

Compound Name: (4,4'-Bipyridine-N)-(N-ferrocenylmethyl-L-tyrosine-N,O)-copper(ii) monohydrate

Space Group:	P21	***Cell:***	***a***	12.313(0)	***b***	10.418(0)	***c***	17.232(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	98.31(0)	γ	90.00

R-Factor (%):	3.70	***Temperature(K):***	296	***Density(g/cm^3):***	1.510



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2205

RULBEG

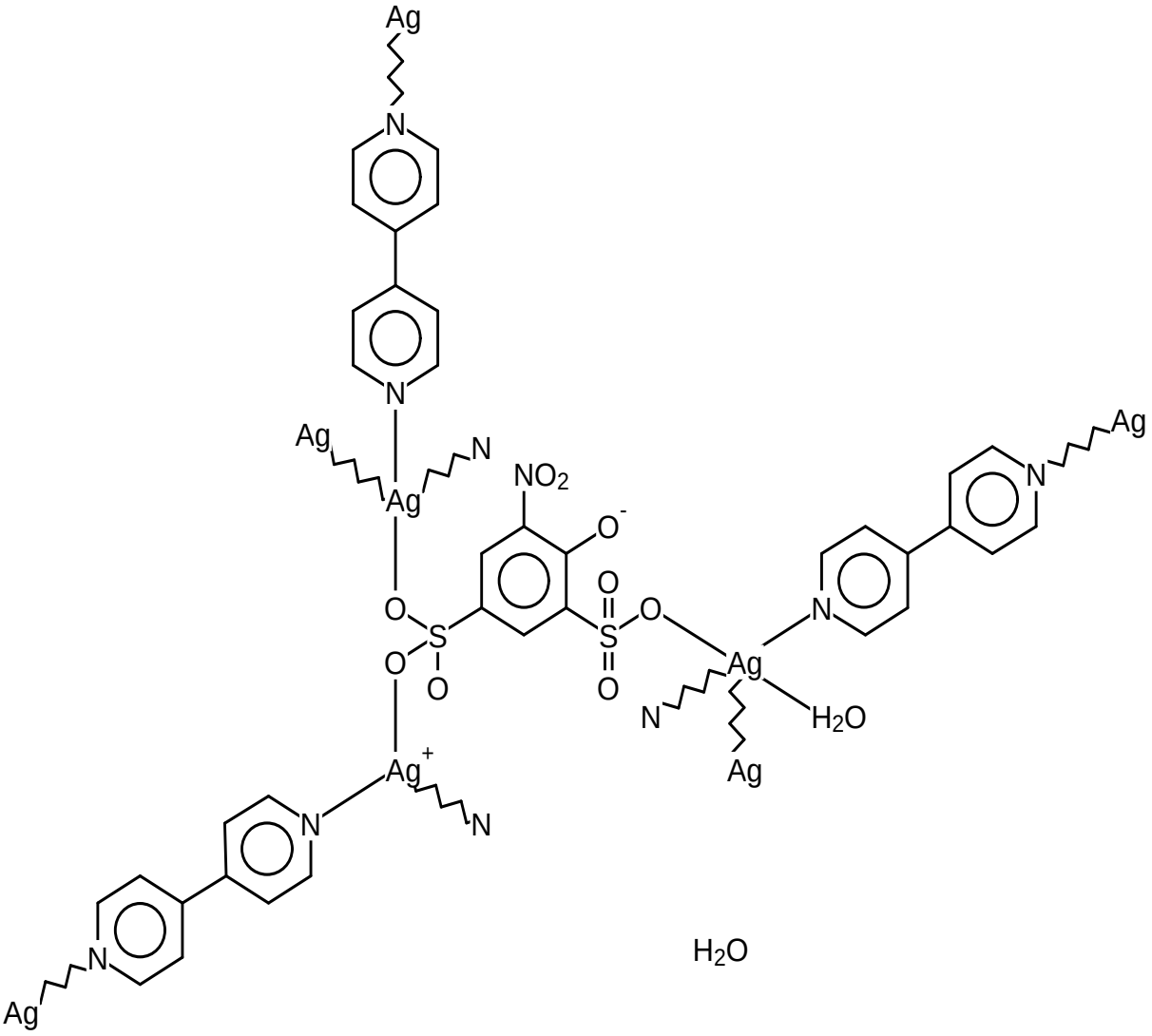
Reference: Hua Wu, Xian-Wu Dong, Jian-Fang Ma, Hai-Yan Liu, Jin Yang, Hong-Ye Bai (2009) *Dalton Trans.* ,3162

Formula: $(C_{36}\ H_{28}\ Ag_3\ N_7\ O_{10}\ S_2)n,6n(H_2\ O_1)$

Compound Name: catena-((μ_3-4-oxy-5-nitro-1,3-benzenedisulfonato)-tris(μ_2-4,4'-bipyridine-N,N')-aqua-tri-silver(i) hexahydrate)

Space Group:	Pn	***Cell:***	***a***	12.776(4)	***b***	11.394(5)	***c***	14.508(7)
Space Group No.:	7	***(Å,°)***	α	90.00	β	95.22(0)	γ	90.00

R-Factor (%): 2.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.918



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2206

RUNVIG

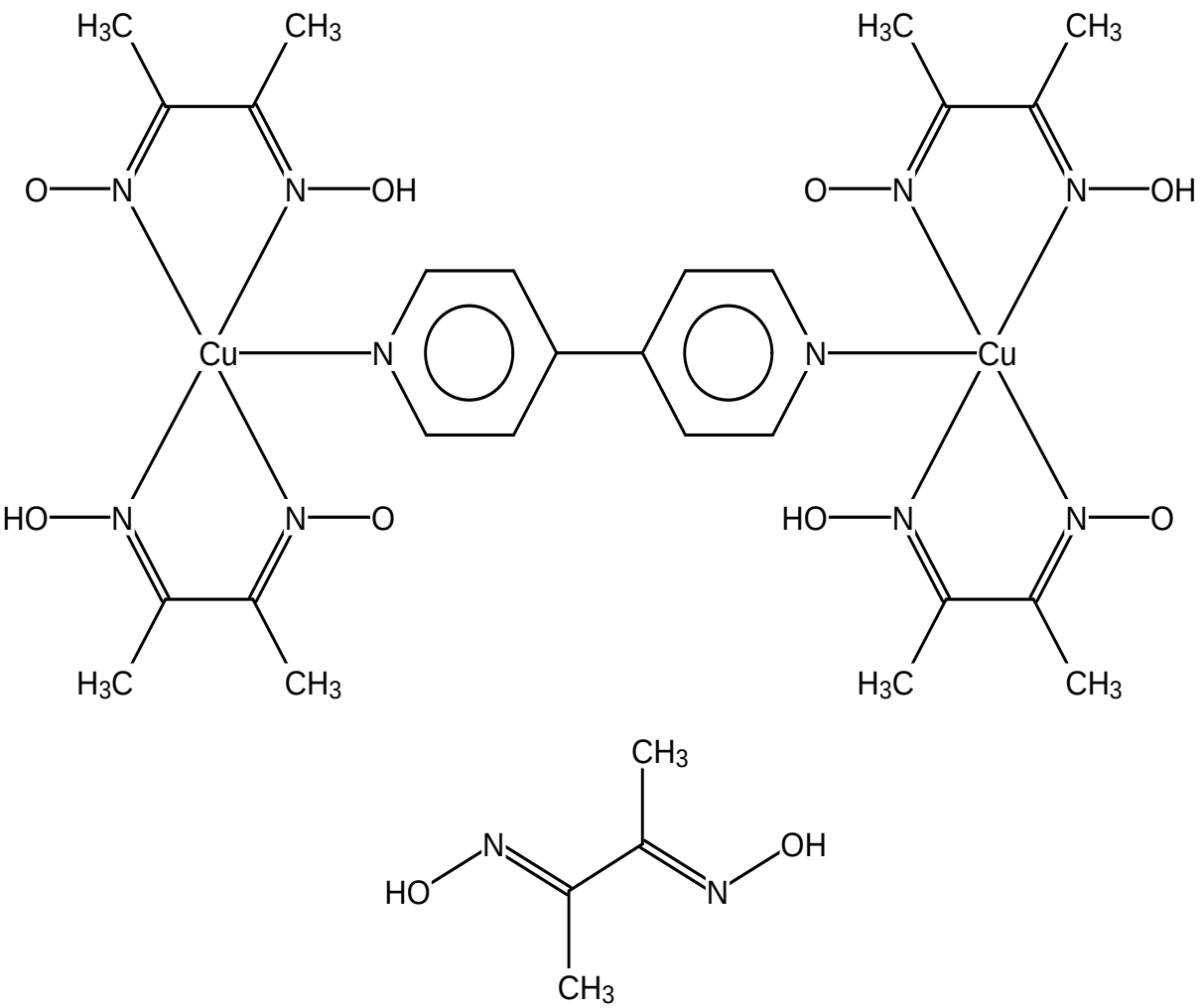
Reference: E.Coropceanu, L.Croitor, M.Gdaniec, B.Wicher, M.Fonari (2009) *Inorg.Chim.Acta* ,**362,**2151

Formula: $C_{26}\ H_{36}\ Cu_2\ N_{10}\ O_8$,2($C_4\ H_8\ N_2\ O_2$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(hydrogen dimethylglyoximato-N,N')-di-copper(ii) dimethylglyoxime solvate

Space Group:	P-1	***Cell:***	***a***	14.099(0)	***b***	14.201(0)	***c***	22.557(1)
Space Group No.:	2	***(Å,°)***	α	86.75(0)	β	87.26(0)	γ	74.59(0)

R-Factor (%): 3.70 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.492



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2207

RUNVOM

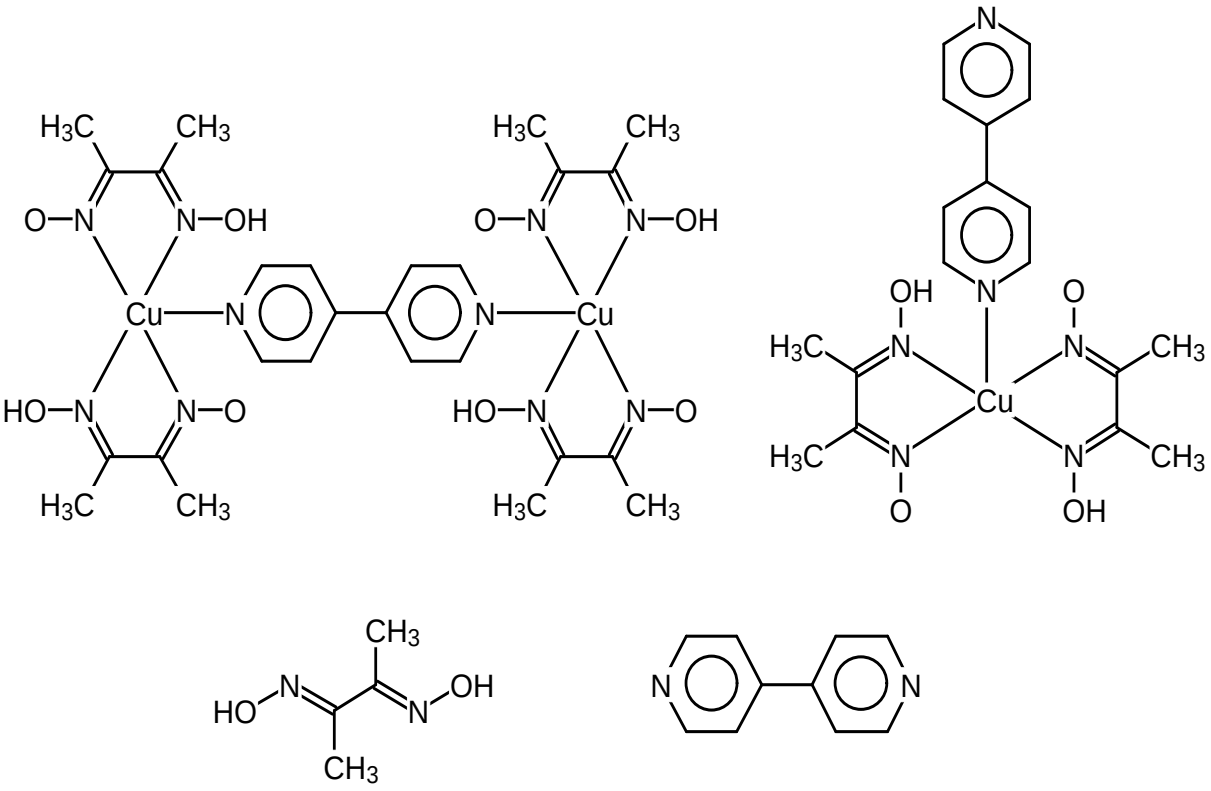
Reference: E.Coropceanu, L.Croitor, M.Gdaniec, B.Wicher, M.Fonari (2009) *Inorg.Chim.Acta* ,**362,**2151

Formula: $C_{26}\ H_{36}\ Cu_2\ N_{10}\ O_8$,$C_{18}\ H_{22}\ Cu_1\ N_6\ O_4$,2($C_4\ H_8\ N_2\ O_2$),$C_{10}\ H_8\ N_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(hydrogen dimethylglyoximato-N,N')-di-copper(ii) (4,4'-bipyridine-N)-bis(hydrogen dimethylglyoximato-N,N')-copper(ii) 4,4'-bipyridine dimethylglyoxime solvate

Space Group:	C2/c	***Cell:***	***a***	18.743(0)	***b***	29.281(0)	***c***	12.882(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.56(0)	γ	90.00

R-Factor (%): 4.09 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.488



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2208

RUNVOM01

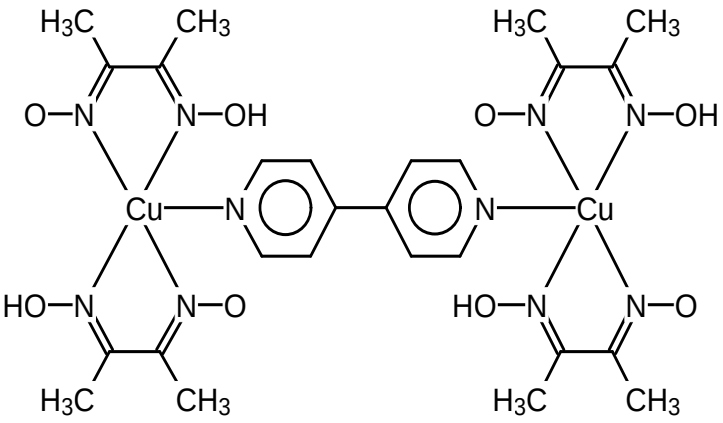
Reference: E.Coropceanu, L.Croitor, M.Gdaniec, B.Wicher, M.Fonari (2009) *Inorg.Chim.Acta* ,**362,**2151

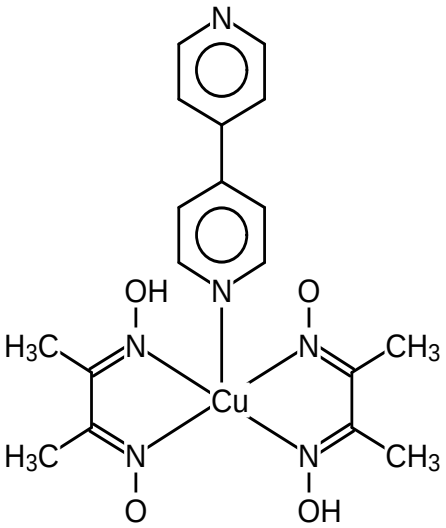
Formula: $C_{26}\ H_{36}\ Cu_2\ N_{10}\ O_8$,$C_{18}\ H_{22}\ Cu_1\ N_6\ O_4$,2($C_4\ H_8\ N_2\ O_2$),$C_{10}\ H_8\ N_2$

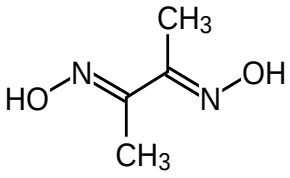
Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(hydrogen dimethylglyoximato-N,N')-di-copper(ii) (4,4'-bipyridine-N)-bis(hydrogen dimethylglyoximato-N,N')-copper(ii) 4,4'-bipyridine dimethylglyoxime solvate

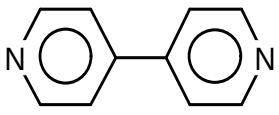
Space Group:	C2/c	***Cell:***	***a***	25.770(1)	***b*** 58.579(1)	***c***	22.271(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 122.73(0)	γ	90.00

R-Factor (%): 4.42 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.486









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2209

RUPWOP

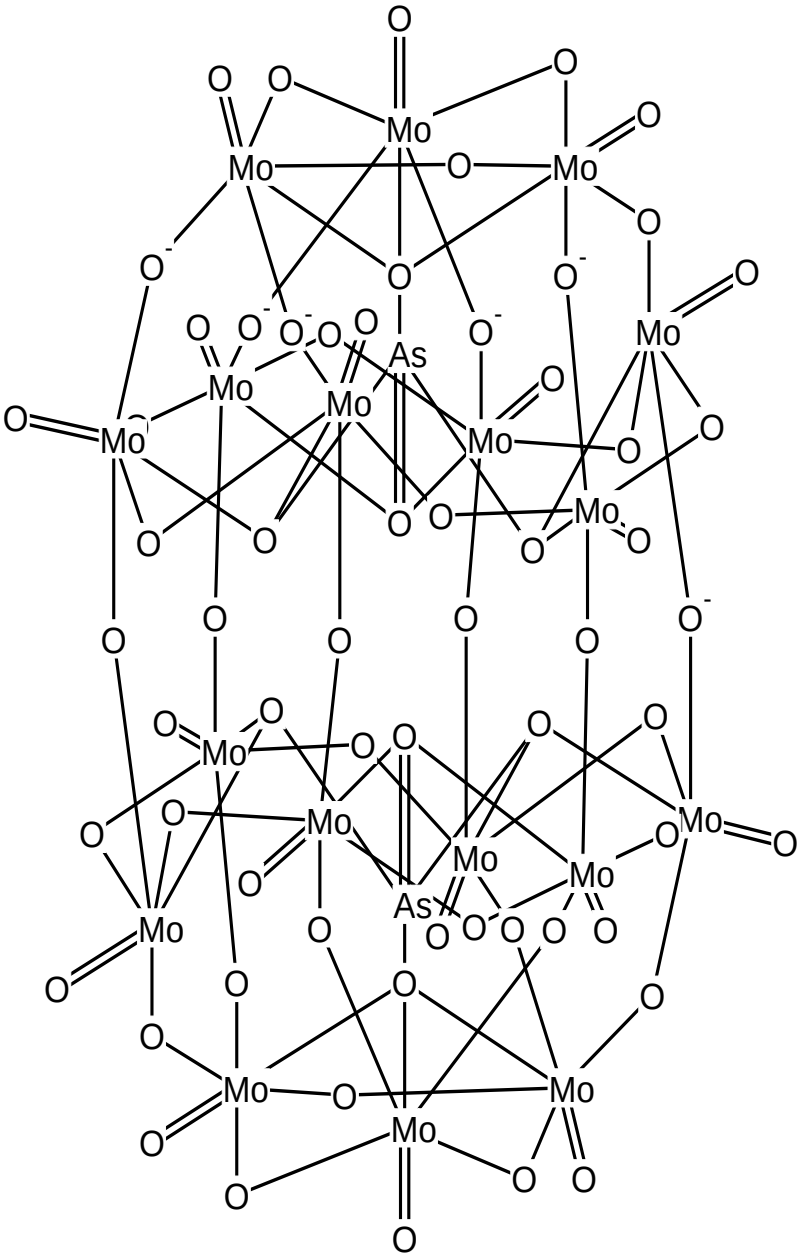
Reference: Hai-hui Yu, Xiao Zhang, Li Kong, Ji-qing Xu (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1698

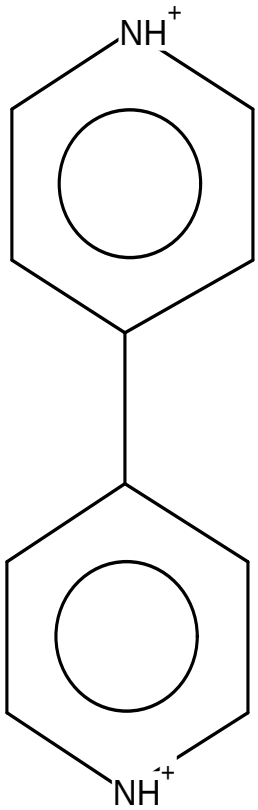
Formula: $3(C_{10}H_{10}N_2^{2+}),As_2Mo_{18}O_{62}^{6-}$

Compound Name: Tris(4,4'-bipyridinium) diarsenooctadecamolybdate(vi)

Space Group:	P-1	***Cell:***	***a*** 11.267(1)	***b*** 12.137(1)	***c*** 13.871(2)
Space Group No.:	2	***(Å,°)***	α 108.02(0)	β 94.24(0)	γ 107.17(0)

R-Factor (%): 4.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.276





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2210

RUPXEG

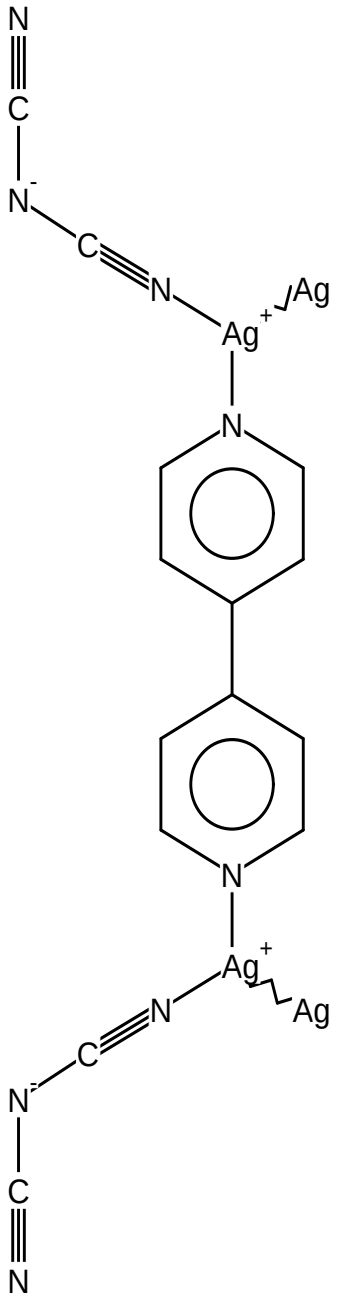
Reference: Jinfang Zhang (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1703

Formula: $(C_{14}\ H_8\ Ag_2\ N_8)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-κ^2N:N')-bis((dicyanamido)-silver(i)))

Space Group:	P-1	***Cell:***	***a***	6.187(1)	***b***	7.834(1)	***c*** 7.965(1)
Space Group No.:	2	***(Å,°)***	α	88.83(3)	β	84.09(3)	γ 77.54(3)

R-Factor (%): 3.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.232



Search: search1 (Thu May 26 10:05:42 2011): Hit 2211

RUQKIY

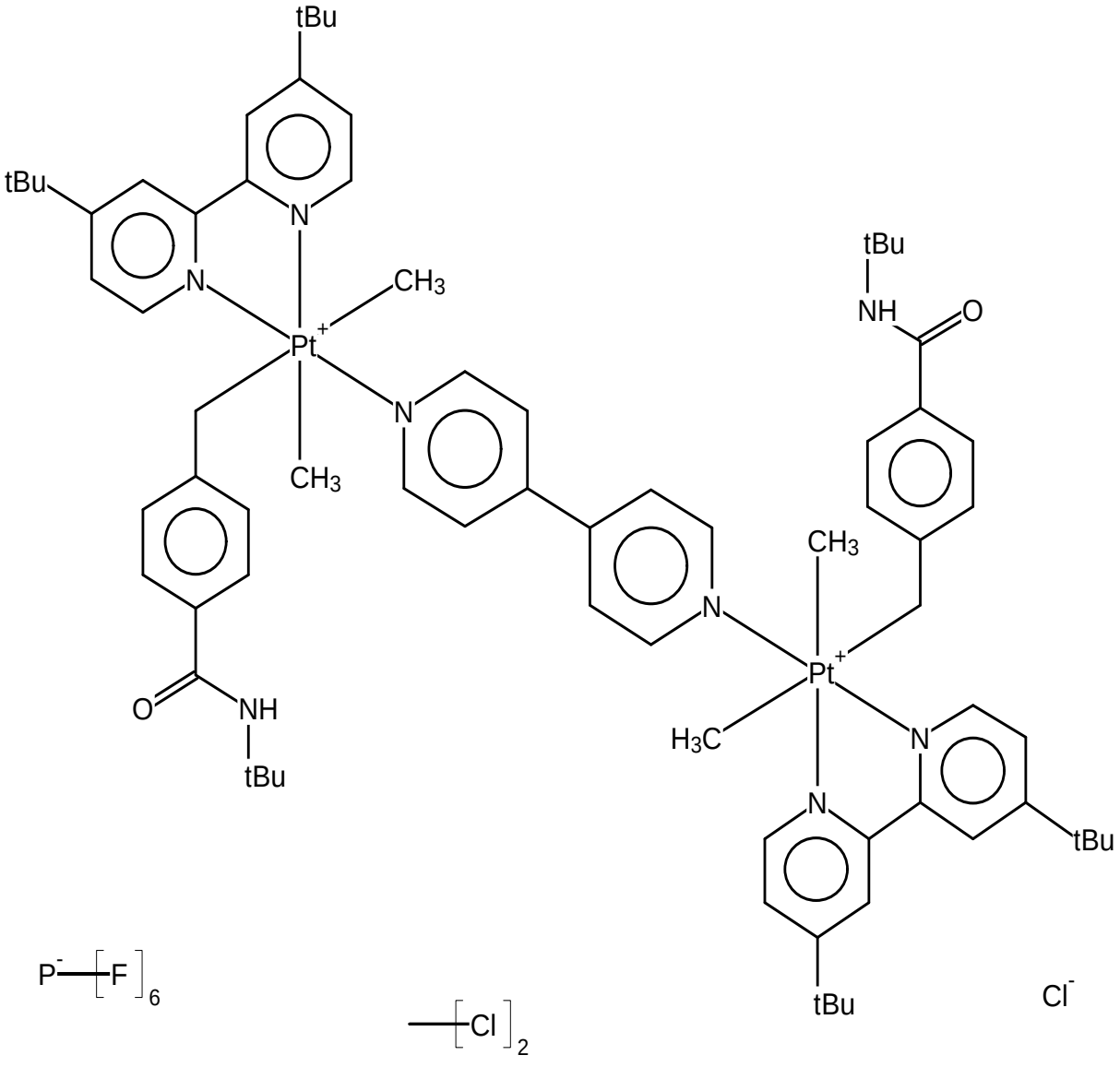
Reference: R.H.W.Au, M.C.Jennings, R.J.Puddephatt (2009)
Dalton Trans. ,3519

Formula: $3(C_{74}\ H_{100}\ N_8\ O_2\ Pt_2\ ^{2+}),5(F_6\ P_1\ ^{1-}),Cl_1\ ^{1-},C_1\ H_2\ Cl_2$

Compound Name: tris((μ$_2$-4,4'-Bipyridine)-bis((4,4'-di-t-butyl-2,2'-bipyridine-N^1,N$^{1'}$)-(4-(N-(t-butyl)carbamoyl)benzyl))-tetramethyl-di-platinum(iv)) chloride pentakis(hexafluorophosphate) dichloromethane solvate

Space Group:	P-4n2	***Cell:***	***a***	50.993(1)	***b***	50.993(1)	***c***	16.839(0)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.29 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 0.822



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2212

RUQKOE

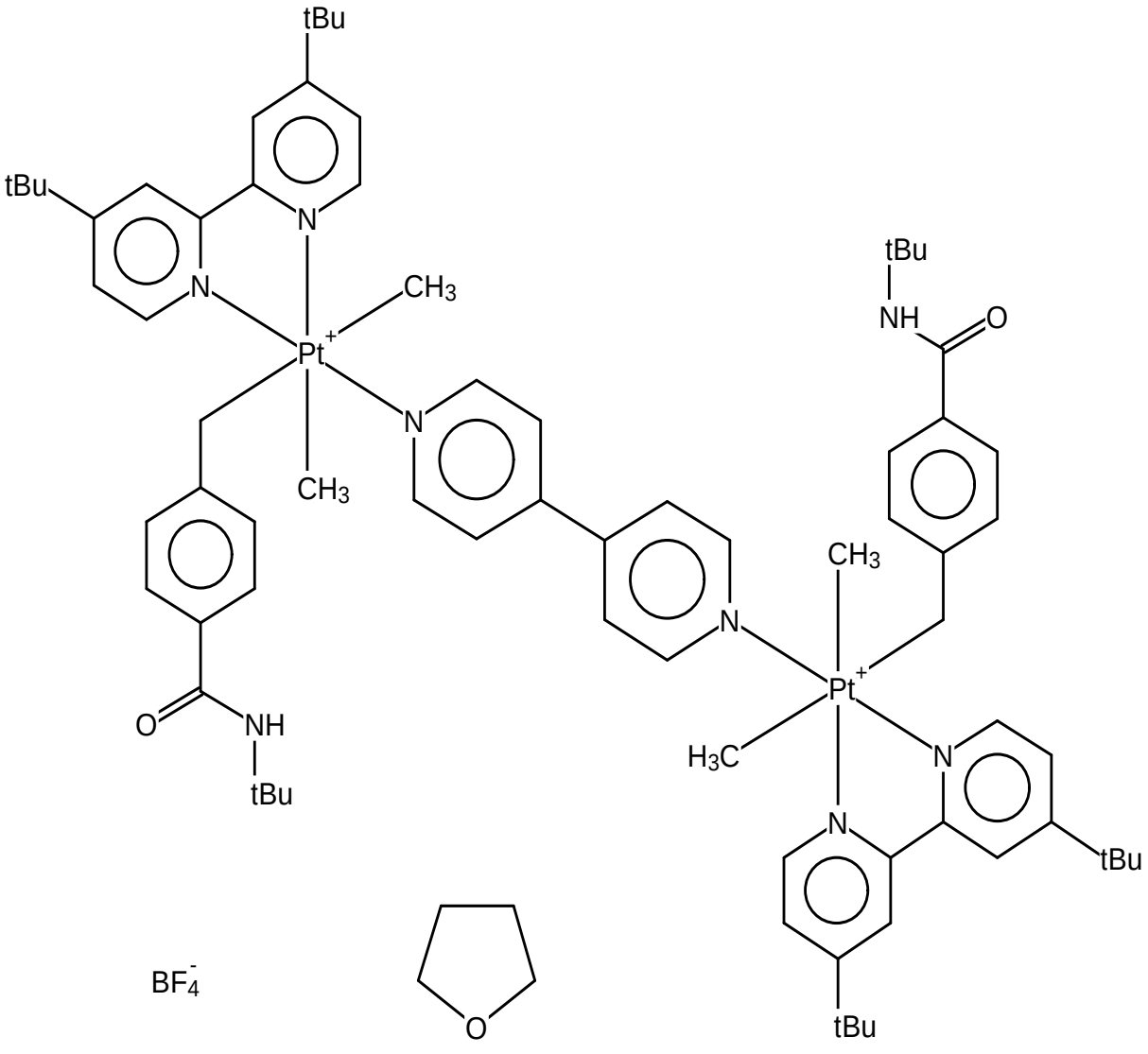
Reference: R.H.W.Au, M.C.Jennings, R.J.Puddephatt (2009)
Dalton Trans. ,3519

Formula: $C_{74}\ H_{100}\ N_8\ O_2\ Pt_2^{2+}, 2(B_1\ F_4^{1-}), 2(C_4\ H_8\ O_1)$

Compound Name: (μ_2-4,4-Bipyridine)-bis((4,4'-di-t-butyl-2,2'-bipyridine-N^1,$N^{1'}$)-(4-(N-(t-butyl)carbamoyl)benzyl))-tetramethyl-di-platinum(iv) bis(tetrafluoroborate) tetrahydrofuran solvate

Space Group:	P21/n	***Cell:***	***a***	13.248(0)	***b***	15.278(0)	***c***	20.494(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.76(0)	γ	90.00

R-Factor (%): 3.85 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.475



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2213

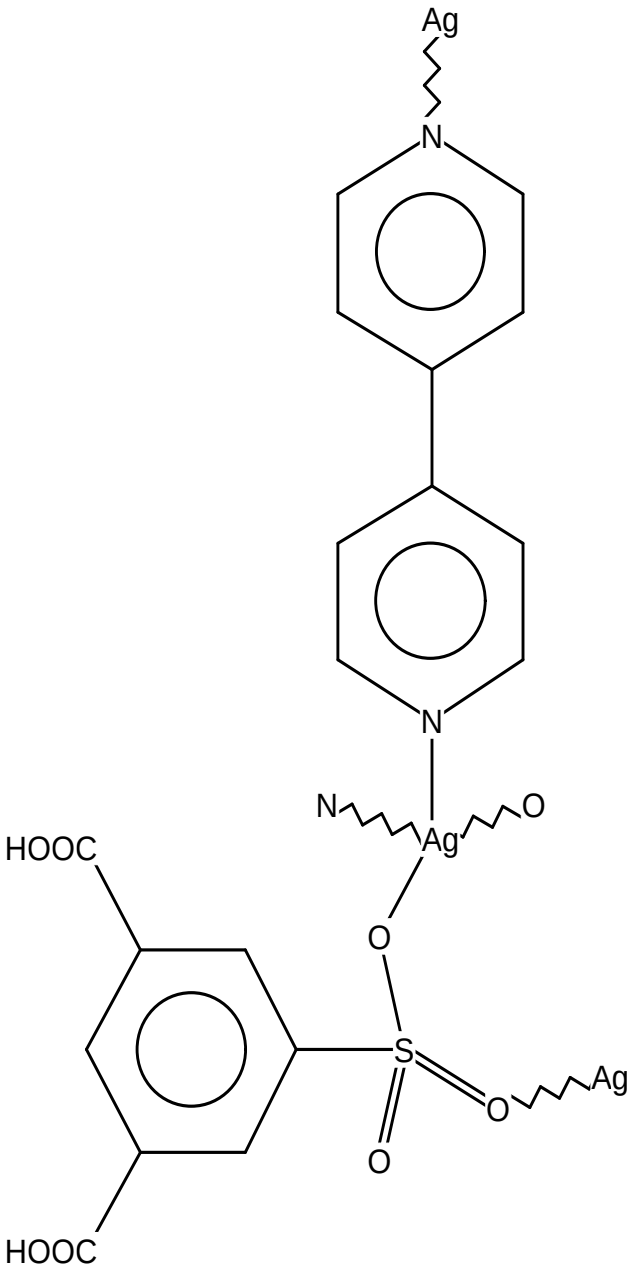
RUSNAV

Reference: Dan Lin, Ping Lian, Yong-Rong Xie (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m259

Formula: $(C_{18}\ H_{13}\ Ag_1\ N_2\ O_7\ S_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-3,5-dicarboxybenzenesulfonato-O,O')-silver(i))

Space Group:	P-1	***Cell:***	***a***	7.942(1)	***b***	9.970(2)	***c***	11.650(2)
Space Group No.:	2	***(Å,°)***	α	83.38(3)	β	87.36(3)	γ	78.67(3)
R-Factor (%):	4.38	***Temperature(K):***	295		***Density(g/cm^3):***	1.883		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2214

SACDAC

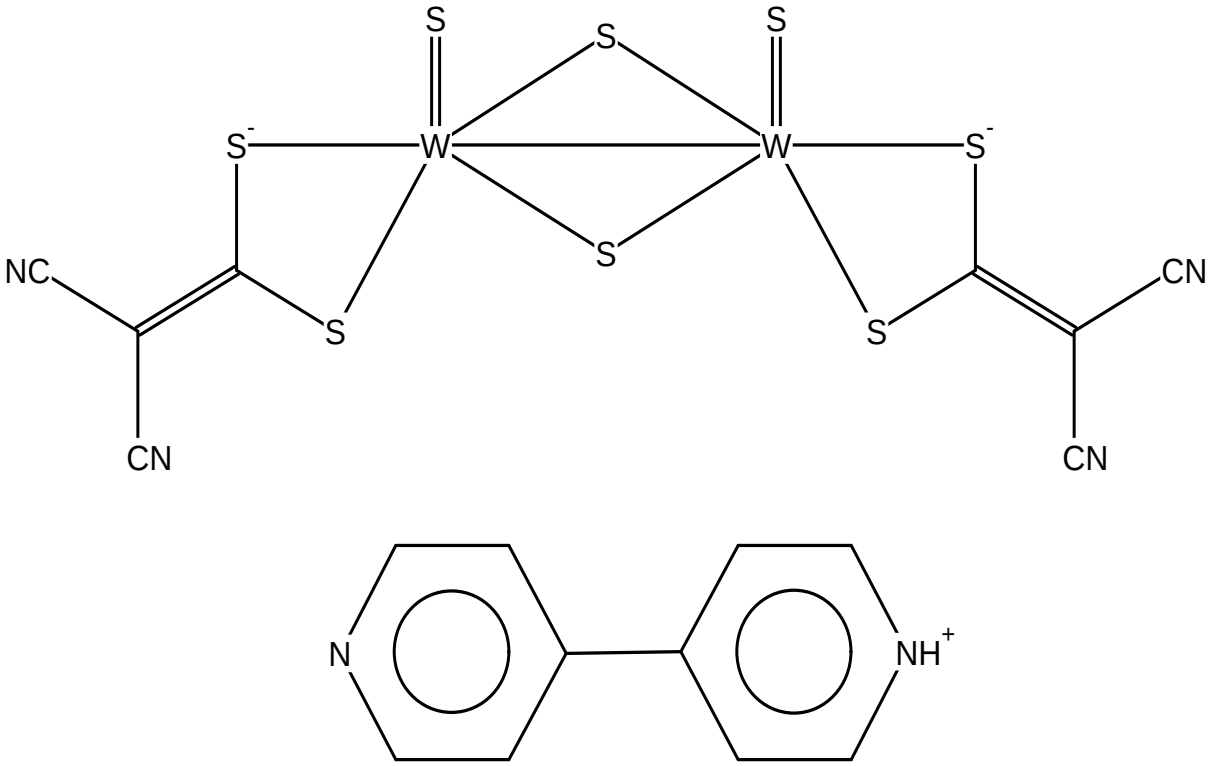
Reference: Shao-Fang Lu, Yong-Bao Zhu, Yu-Cang Liang, Rong-Min Yu, Xiao-Ying Huang, Fu-Xia Sun, Qiang-Jin Wu, Zi-Xiang Huang (2004) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**62,** 253

Formula: $C_8 N_4 S_8 W_2^{2-}$,2($C_{10} H_9 N_2^{1+}$)

Compound Name: bis(4,4'-Bipyridinium) bis((μ_2-sulfido)-(2,2-dicyanoethene-1,1-dithiolato)-thioxo-tungsten)

Space Group:	P-1	***Cell:***	***a***	9.096(2)	***b***	12.203(5)	***c***	16.427(3)
Space Group No.:	2	***(Å,°)***	α	76.03(2)	β	86.22(2)	γ	76.89(2)

R-Factor (%): 5.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.102



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2215

SACDEG

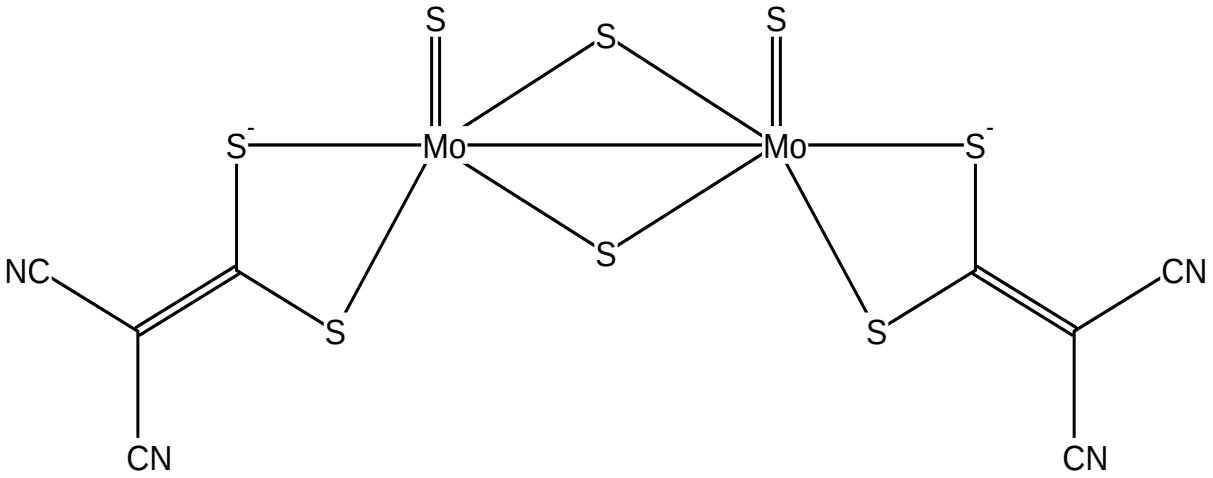
Reference: Shao-Fang Lu, Yong-Bao Zhu, Yu-Cang Liang, Rong-Min Yu, Xiao-Ying Huang, Fu-Xia Sun, Qiang-Jin Wu, Zi-Xiang Huang (2004) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**62,** 253

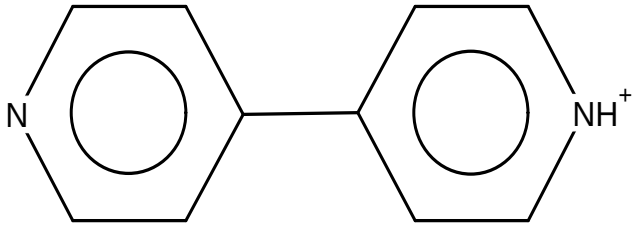
Formula: $C_8\ Mo_2\ N_4\ S_8\ ^{2-},2(C_{10}\ H_9\ N_2\ ^{1+})$

Compound Name: bis(4,4'-Bipyridinium) bis((μ$_2$-sulfido)-(2,2-dicyanoethene-1,1-dithiolato)-thioxo-molybdenum)

Space Group:	P-1	***Cell:***	***a***	9.062(1)	***b***	12.160(2)	***c***	16.389(3)
Space Group No.:	2	***(Å,°)***	α	75.99(3)	β	85.46(3)	γ	76.39(3)

R-Factor (%): 5.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.785





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2216

SACDUW

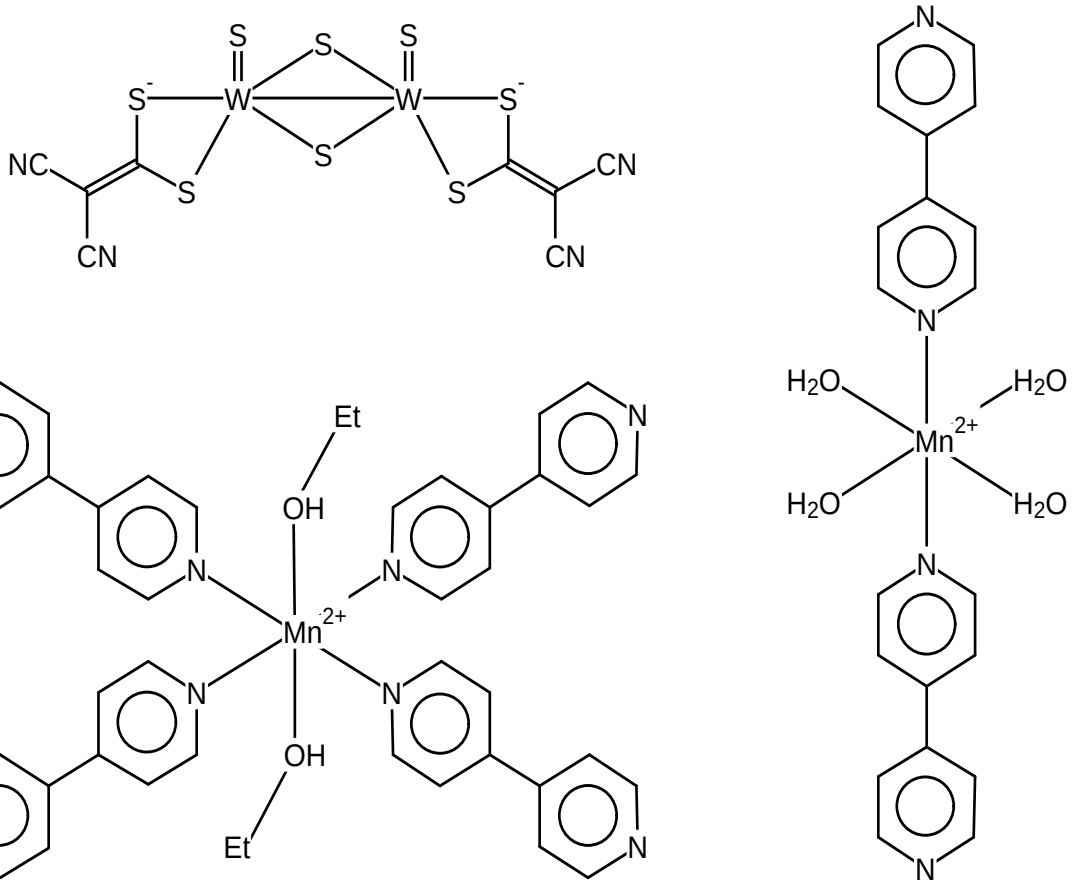
Reference: Shao-Fang Lu, Yong-Bao Zhu, Yu-Cang Liang, Rong-Min Yu, Xiao-Ying Huang, Fu-Xia Sun, Qiang-Jin Wu, Zi-Xiang Huang (2004) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**62,** 253

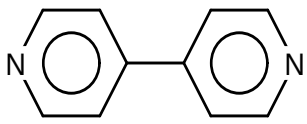
Formula: $2(C_8 N_4 S_8 W_2^{2-}),C_{44} H_{44} Mn_1 N_8 O_2^{2+},C_{20} H_{24} Mn_1 N_4 O_4^{2+},2(C_{10} H_8 N_2),2(C_1 H_4$

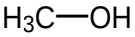
Compound Name: tetrakis(4,4'-Bipyridyl)-diethanol-manganese tetra-aqua-bis(4,4'-bipyridyl)-manganese bis((μ$_2$-sulfido)-(2,2-dicyanoethene-1,1-dithiolato)-thioxo-tungsten) 4,4'-bipyridine methanol solvate

Space Group:	P-1	***Cell:***	***a*** 12.612(4)	***b*** 14.204(4)	***c*** 19.443(5)
Space Group No.:	2	***(Å,°)***	α 106.83(2)	β 100.52(2)	γ 102.36(3)

R-Factor (%): 7.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.659







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2217

SAGHIS

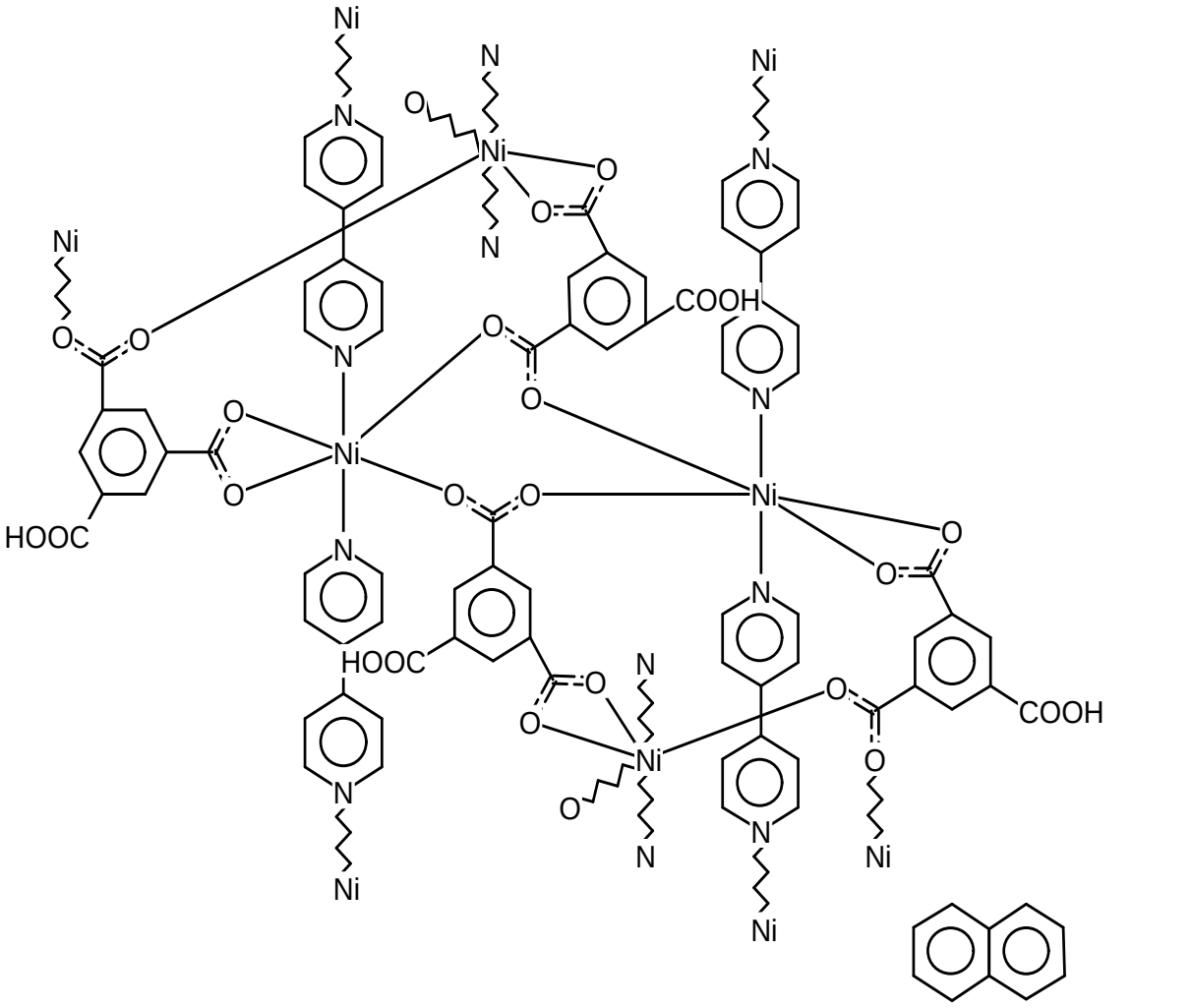
Reference: Eun Young Choi, Young-Uk Kwon (2004)
Inorg.Chem.Commun. ,**7,**942

Formula: $(C_{76}\ H_{48}\ N_8\ Ni_4\ O_{24})n,1.5n(C_{10}\ H_8),2n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_3-1-Carboxybenzene-3,5-dicarboxylato)-tetrakis(μ_2-4,4'-bipyridyl)-tetra-nickel(ii) sesquikis(naphthalene) dihydrate clathrate)

Space Group:	P21/c	***Cell:***	***a***	18.436(3)	***b*** 11.257(3)	***c***	20.228(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.27(1)	γ	90.00

R-Factor (%): 8.11 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.583



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2218

SAJGIU

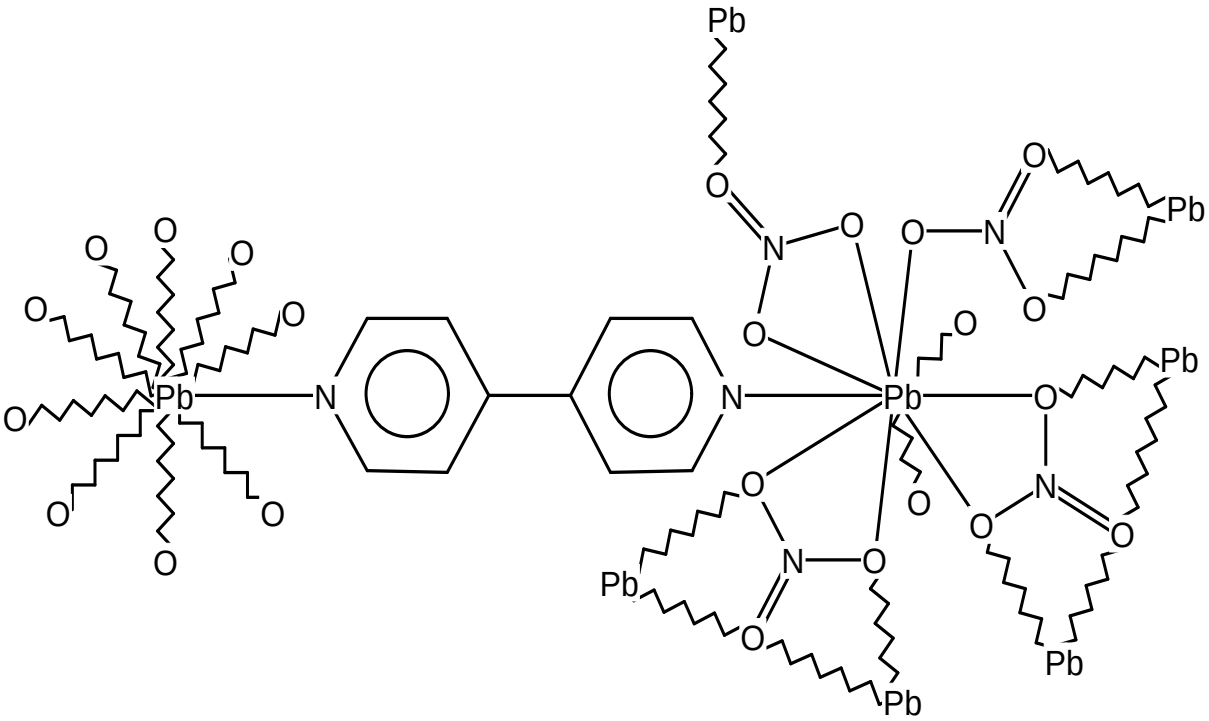
Reference: A.Morsali, A.Mahjoub (2004) *Polyhedron* ,**23,**2427

Formula: $(C_{10}\ H_8\ N_6\ O_{12}\ Pb_2)n$

Compound Name: catena-(bis(μ_3-Nitrato)-(μ_2-4,4'-bipyridyl)-bis(μ_2-nitrato)-di-lead(ii))

Space Group:	Pbca	***Cell:***	***a***	7.926(1)	***b***	8.457(1)	***c*** 26.754(5)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.66 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.032



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2219

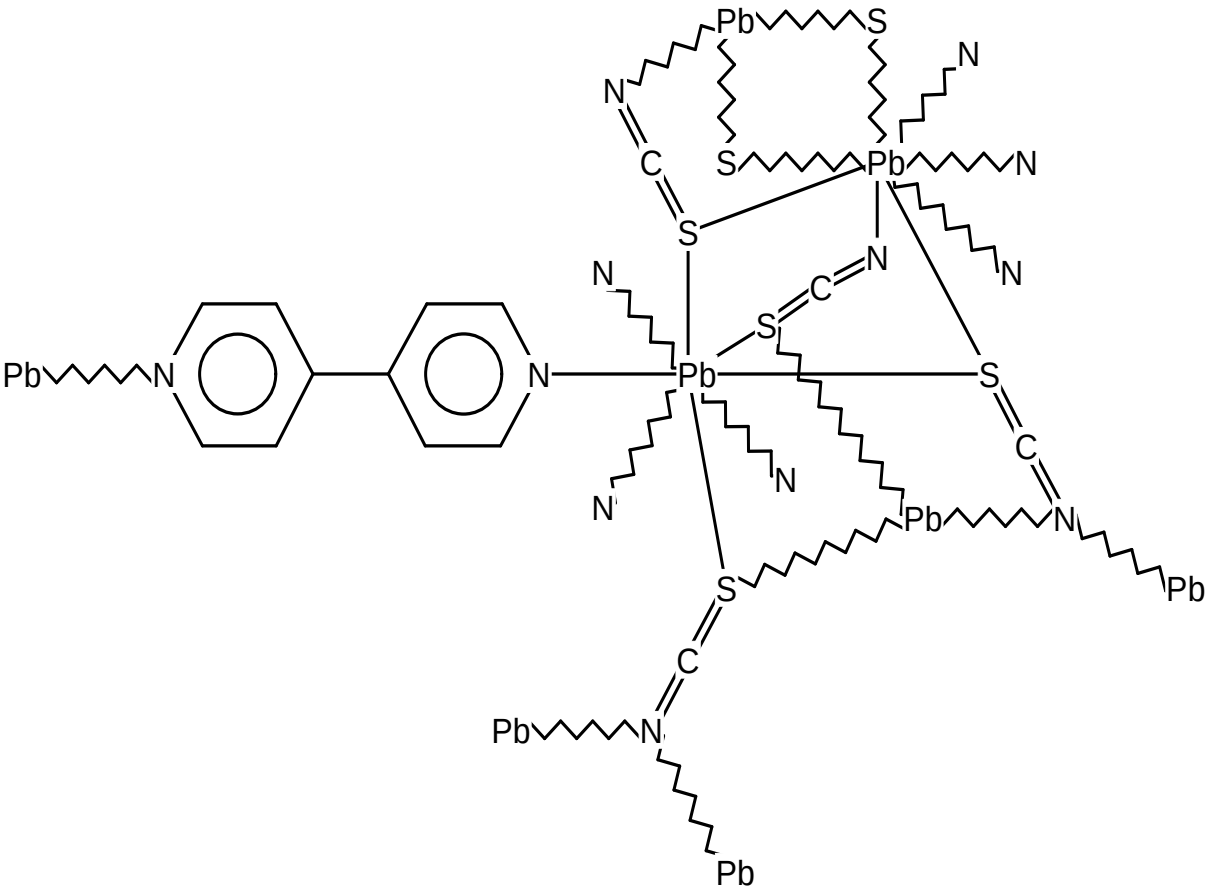
SAJGUG

Reference: A.Morsali, A.Mahjoub (2004) *Polyhedron* ,**23,**2427

Formula: $(C_{14}\ H_8\ N_6\ Pb_2\ S_4)n$

Compound Name: catena-(bis(μ_4-Isothiocyanato)-bis(μ_3-isothiocyanato)-(μ_2-4,4'-bipyridyl)-di-lead(ii))

Space Group:	Pccn	***Cell:***	***a***	12.899(2)	***b***	21.730(4)	***c***	6.681(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	3.85	***Temperature(K):***	293		***Density(g/cm^3):***	2.848		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2220

SAKMUN

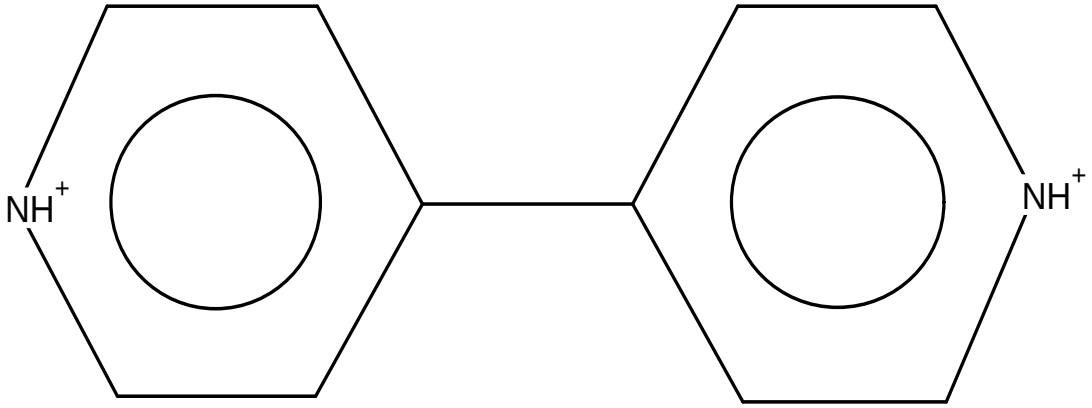
Reference: P.C.Crawford, A.L.Gillon, J.Green, A.G.Orpen, T.J.Podesta, S.V.Pritchard (2004) *CrystEngComm* ,**6,**419

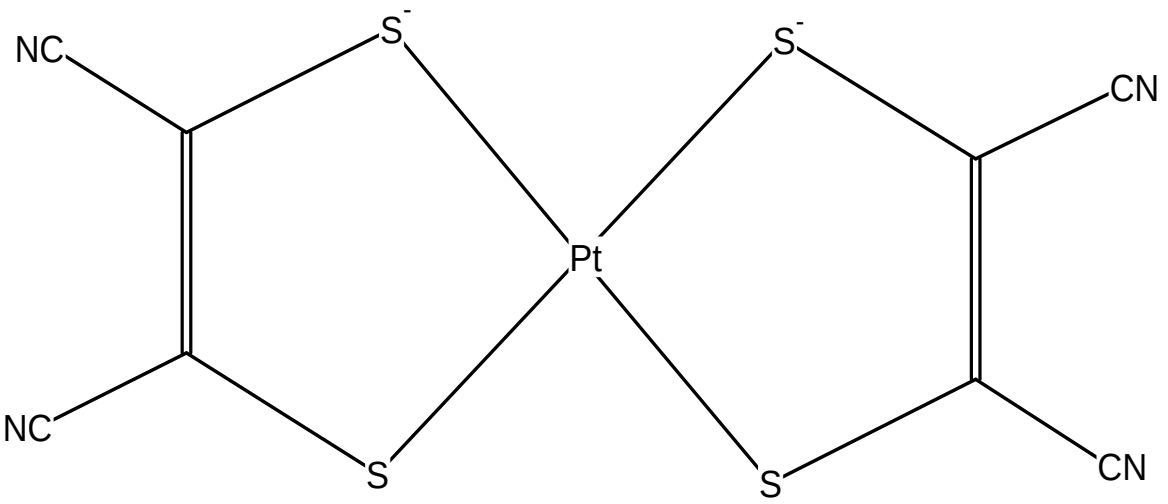
Formula: $C_8\ N_4\ Pt_1\ S_4\ ^{2-}, C_{10}\ H_{10}\ N_2\ ^{2+}$

Compound Name: 4,4'-Bipyridinium bis(1,2-dithiomaleonitrile-S,S')-platinum

Space Group:	P-1	***Cell:***	***a***	7.111(0)	***b***	7.651(0)	***c*** 10.536(0)
Space Group No.:	2	***(Å,°)***	α	80.47(0)	β	79.55(0)	γ 63.12(0)

R-Factor (%): 2.43 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.102





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2221

SAKNAU

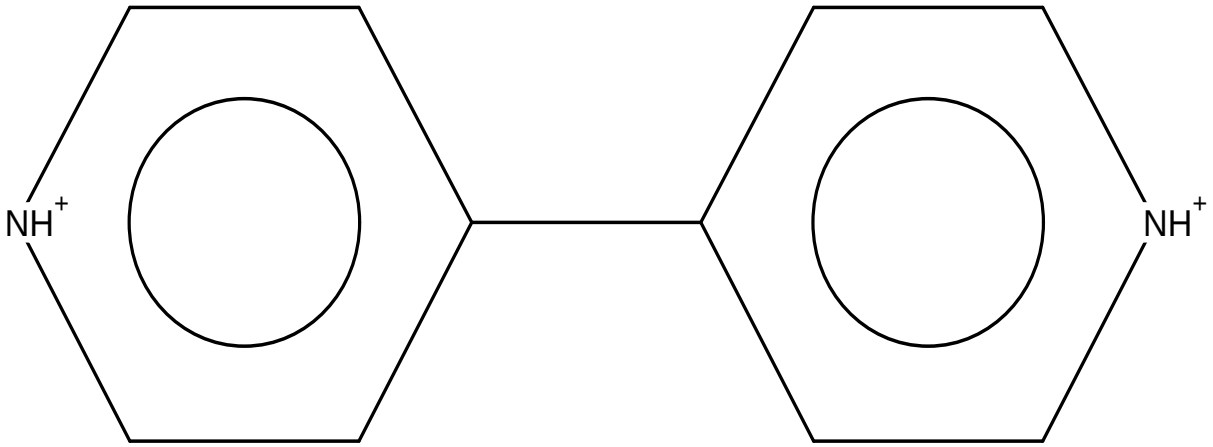
Reference: P.C.Crawford, A.L.Gillon, J.Green, A.G.Orpen, T.J.Podesta, S.V.Pritchard (2004) *CrystEngComm* ,**6,**419

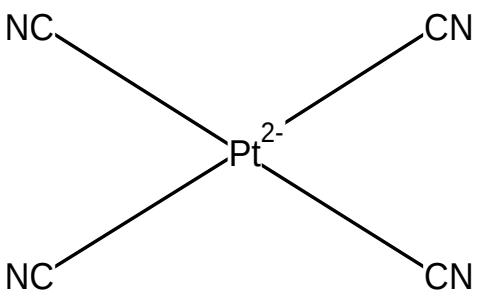
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_4\,N_4\,Pt_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetracyano-platinum

Space Group:	P21/c	***Cell:***	***a***	8.030(0)	***b*** 7.428(0)	***c***	12.543(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.69(0)	γ	90.00

R-Factor (%): 1.35 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.090





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2222

SAKNEY

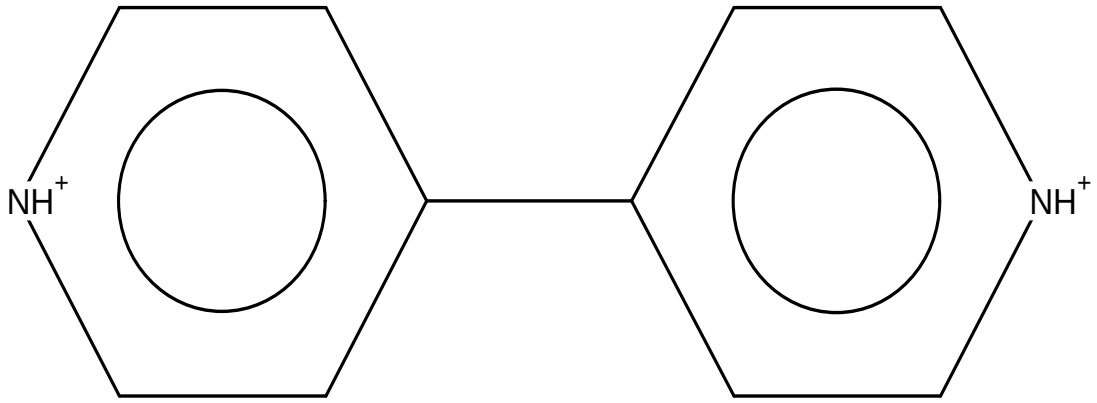
Reference: P.C.Crawford, A.L.Gillon, J.Green, A.G.Orpen, T.J.Podesta, S.V.Pritchard (2004) *CrystEngComm* ,**6,**419

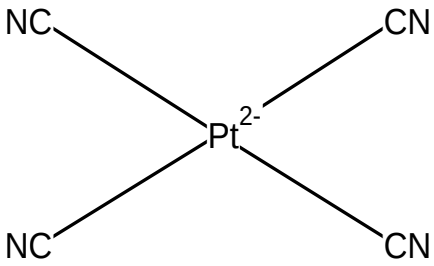
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_4\,N_4\,Pt_1\,^{2-},2(H_2\,O_1)$

Compound Name: 4,4'-Bipyridinium tetracyano-platinum dihydrate

Space Group:	P21/c	***Cell:***	***a***	6.220(0)	***b*** 7.812(0)	***c***	16.840(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 95.07(0)	γ	90.00

R-Factor (%): 2.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.010





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2223

SAKNOI

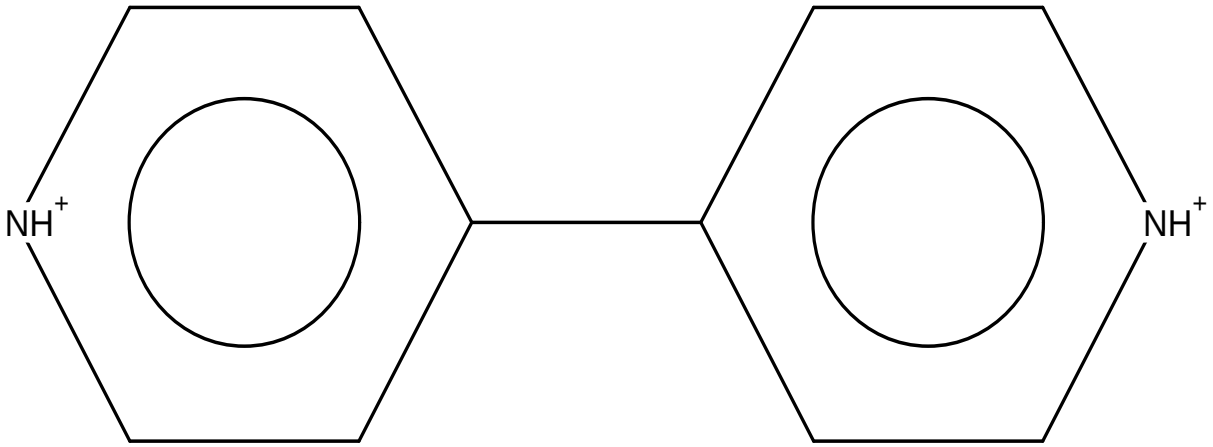
Reference: P.C.Crawford, A.L.Gillon, J.Green, A.G.Orpen, T.J.Podesta, S.V.Pritchard (2004) *CrystEngComm* ,**6,**419

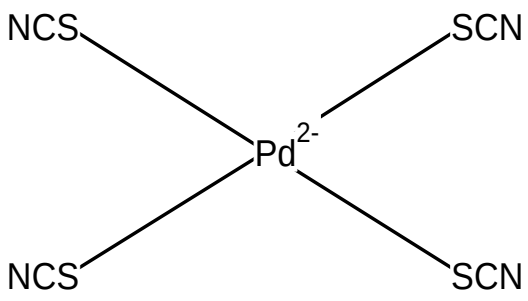
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_4\,N_4\,Pd_1\,S_4\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrathiocyanato-palladium

Space Group:	P-1	***Cell:***	***a***	8.915(3)	***b***	10.713(3)	***c***	10.794(4)
Space Group No.:	2	***(Å,°)***	α	69.83(1)	β	68.96(1)	γ	80.93(1)

R-Factor (%): 4.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.829





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2224

SALZUB

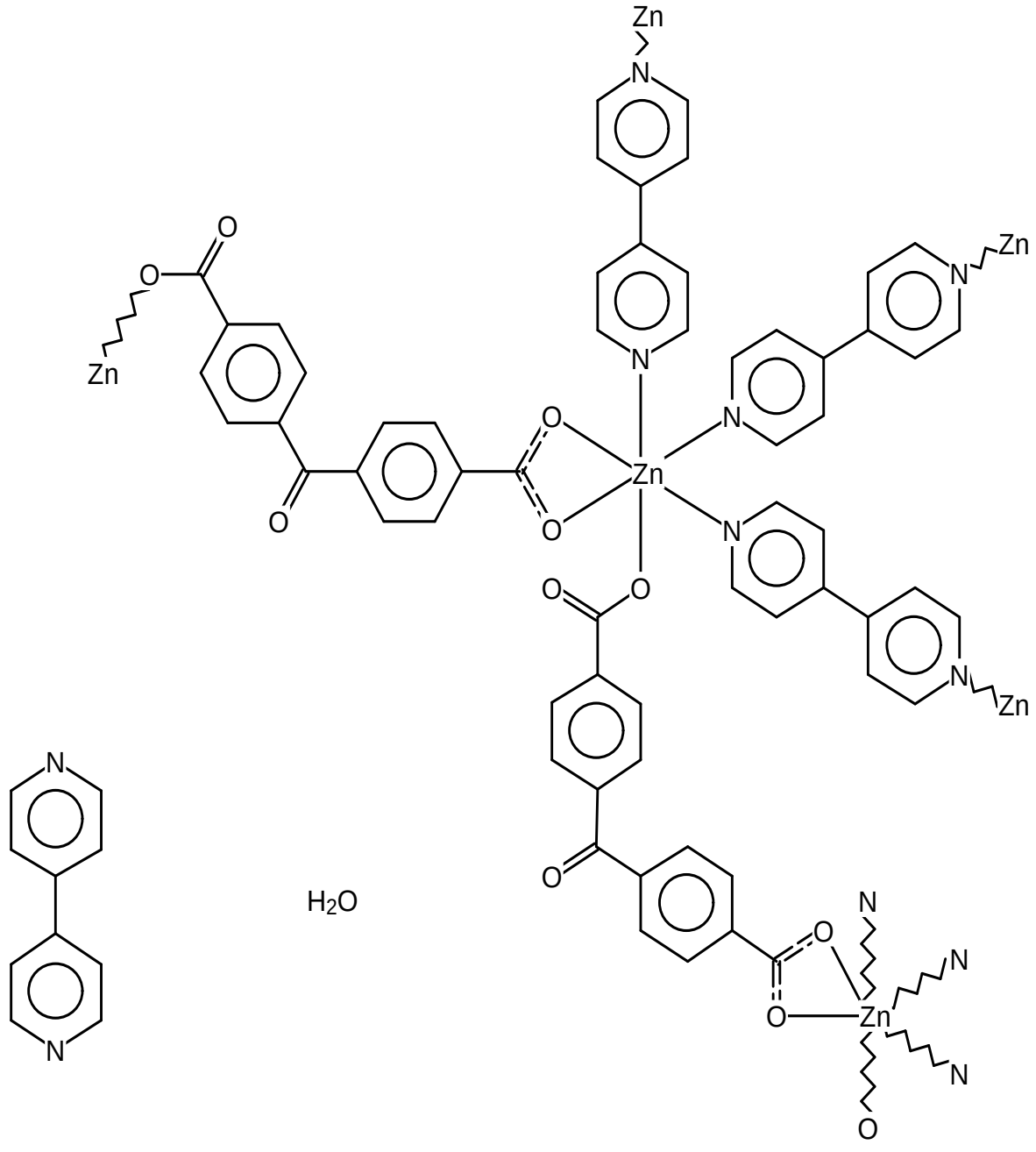
Reference: Changyan Sun, Linpei Jin (2005) *J.Mol.Struct.* ,**733,**63

Formula: $(C_{60}\ H_{40}\ N_6\ O_{10}\ Zn_2)n,n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-[bis(Benzophenone-4,4'-dicarboxylato)-tris(μ_2-4,4'-bipyridyl)-di-zinc(ii) 4,4'-bipyridine solvate monohydrate]

Space Group:	P-1	***Cell:***	***a***	11.306(6)	***b***	11.507(6)	***c***	13.796(7)
Space Group No.:	2	***(Å,°)***	α	74.81(1)	β	73.20(0)	γ	64.98(0)

R-Factor (%): 8.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.416



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2225

SAMNAW

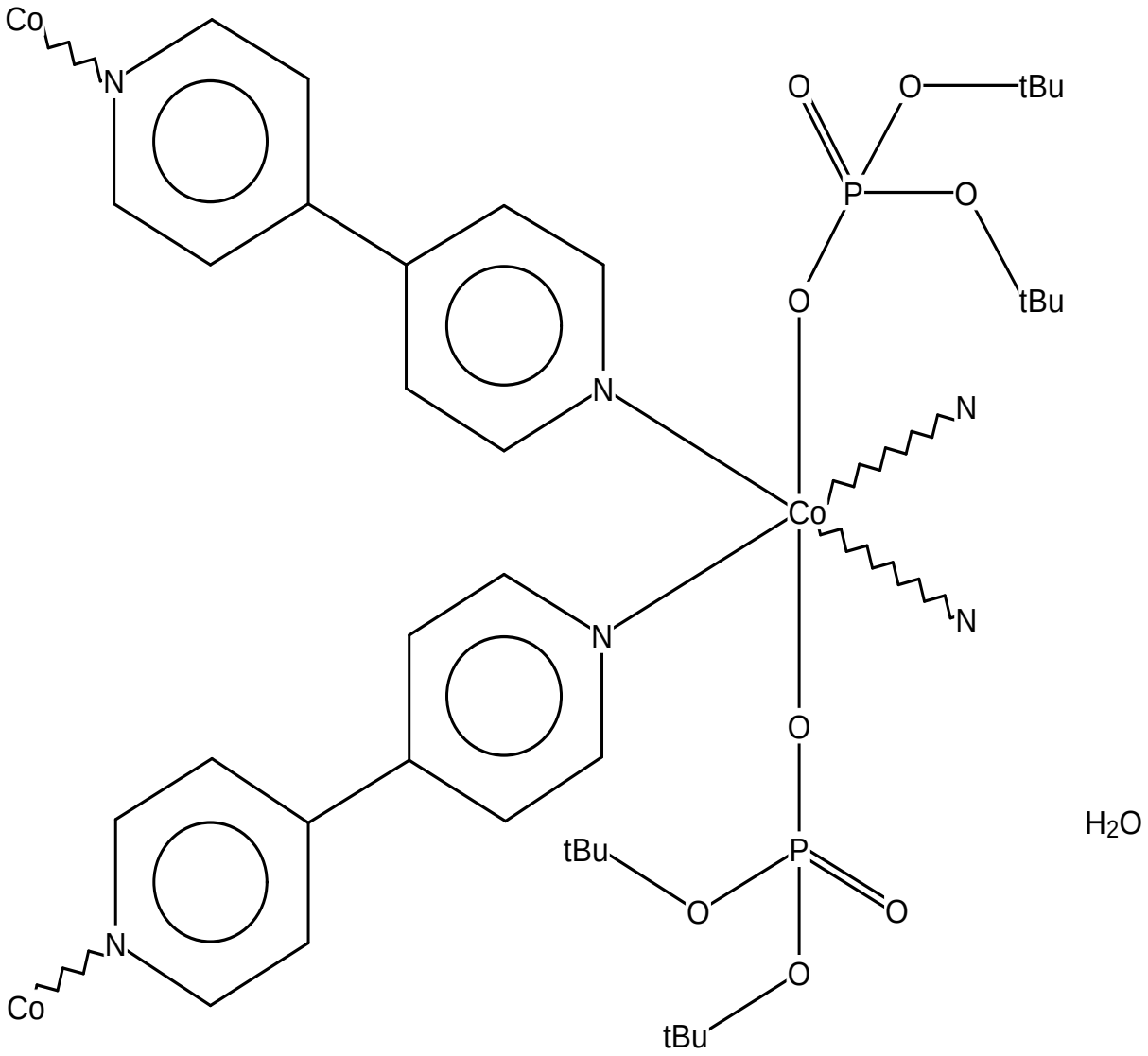
Reference: R.Pothiraja, M.Sathiyendiran, R.J.Butcher, R.Murugavel (2004) *Inorg.Chem.* ,**43,**7585

Formula: $(C_{36}\ H_{52}\ Co_1\ N_4\ O_8\ P_2)n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(di-t-butylphosphato)-cobalt dihydrate]

Space Group:	P2/c	***Cell:***	***a***	15.846(3)	***b***	11.452(2)	***c***	23.008(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.77(3)	γ	90.00

R-Factor (%): 9.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.315



Search: search1 (Thu May 26 10:05:42 2011): Hit 2226

SAMNAW01

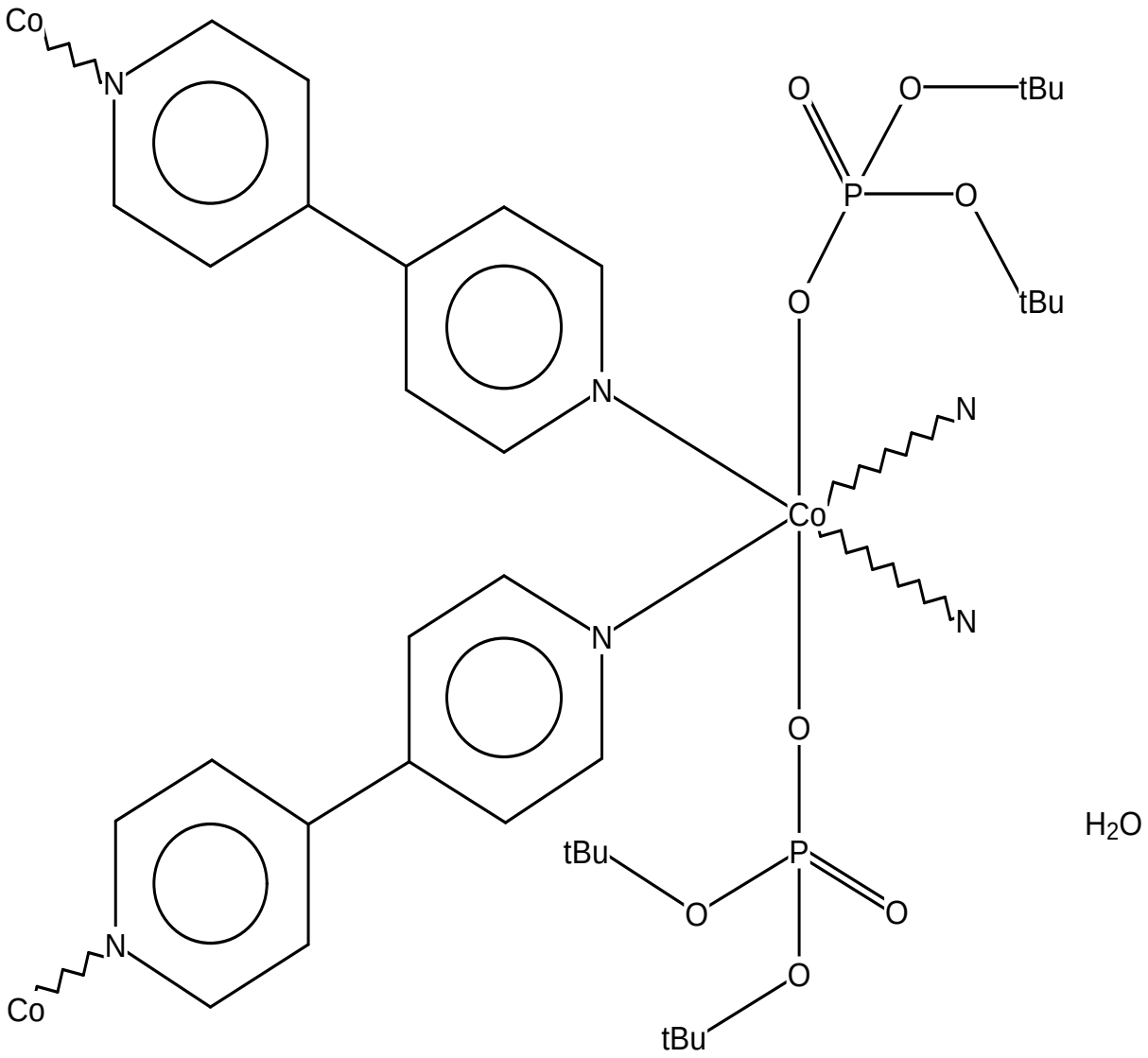
Reference: R.Pothiraja, M.Sathiyendiran, R.J.Butcher, R.Murugavel (2005) *Inorg.Chem.* ,**44,**6314

Formula: $(C_{36}\ H_{52}\ Co_1\ N_4\ O_8\ P_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(di-t-butylphosphato-O)-cobalt dihydrate)

Space Group:	P2/c	***Cell:***	***a***	15.846(3)	***b***	11.452(2)	***c*** 23.008(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.77(3)	γ 90.00

R-Factor (%): 9.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.315



Search: search1 (Thu May 26 10:05:42 2011): Hit 2227

SAMNEA

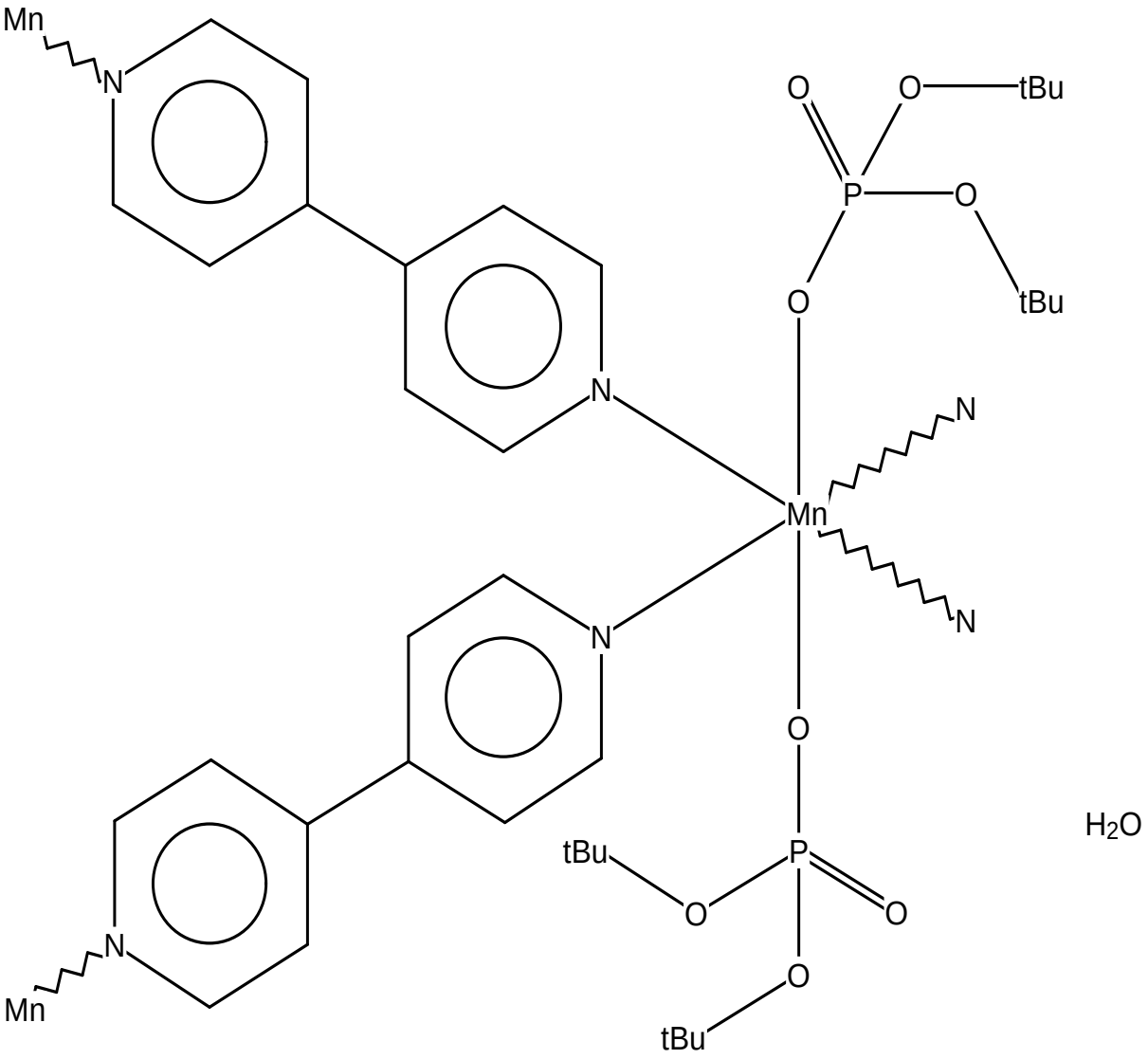
Reference: R.Pothiraja, M.Sathiyendiran, R.J.Butcher, R.Murugavel (2004) *Inorg.Chem.* ,**43,**7585

Formula: $(C_{36}\ H_{52}\ Mn_1\ N_4\ O_8\ P_2)n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(di-t-butylphosphato)-manganese dihydrate]

Space Group:	P2/c	***Cell:***	***a***	15.963(1)	***b***	11.716(1)	***c***	23.502(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.78(0)	γ	90.00

R-Factor (%):	4.55	***Temperature(K):***	293	***Density(g/cm^3):***	1.243



Search: search1 (Thu May 26 10:05:42 2011): Hit 2228

SAMNEA01

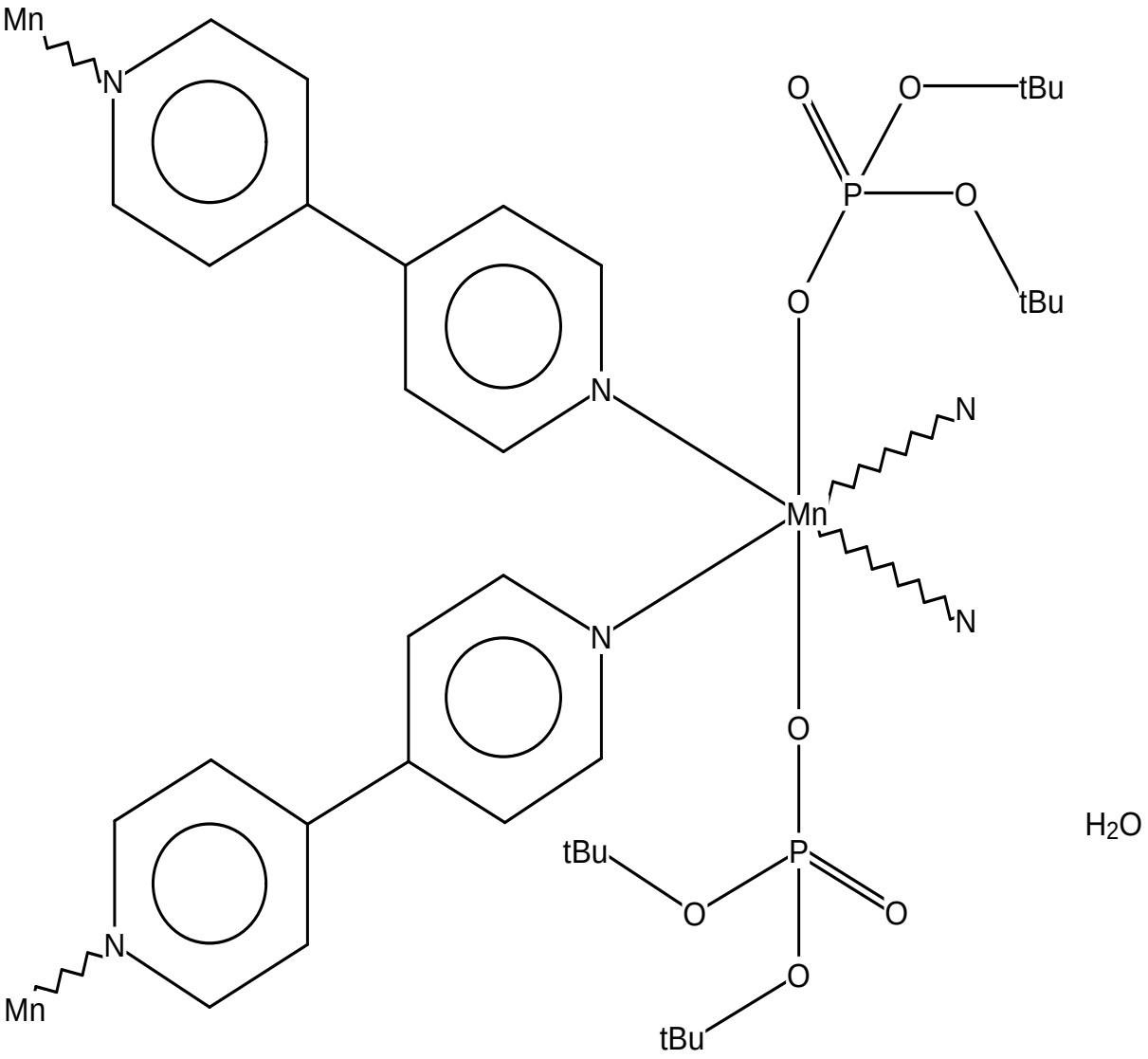
Reference: R.Pothiraja, M.Sathiyendiran, R.J.Butcher, R.Murugavel (2005) *Inorg.Chem.* ,**44,**6314

Formula: $(C_{36}\ H_{52}\ Mn_1\ N_4\ O_8\ P_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(di-t-butylphosphato-O)-manganese dihydrate)

Space Group:	P2/c	***Cell:***	***a***	15.963(1)	***b***	11.716(1)	***c***	23.502(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.78(0)	γ	90.00

R-Factor (%):	4.55	***Temperature(K):***	293	***Density(g/cm^3):***	1.243



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2229

SANHOF

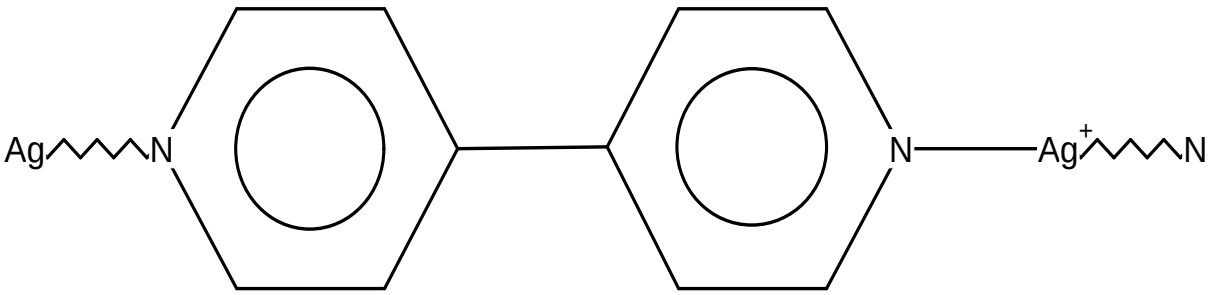
Reference: Yu.V.Kokunov, L.V.Khmelevskaya, Yu.E.Gorbunova (2004) *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)* ,**49,**1089

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(B_1\ F_4\ ^{1-}),0.5n(H_2\ O_1)$

Compound Name: catena((μ$_2$-4,4-Bipyridyl)-silver(i) tetrafluoroborate hemihydrate)

Space Group:	P2/n	***Cell:***	***a***	13.958(3)	***b*** 11.345(4)	***c***	15.902(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 115.63(2)	γ	90.00

R-Factor (%): 7.76 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.106



BF_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2230

SARFOH

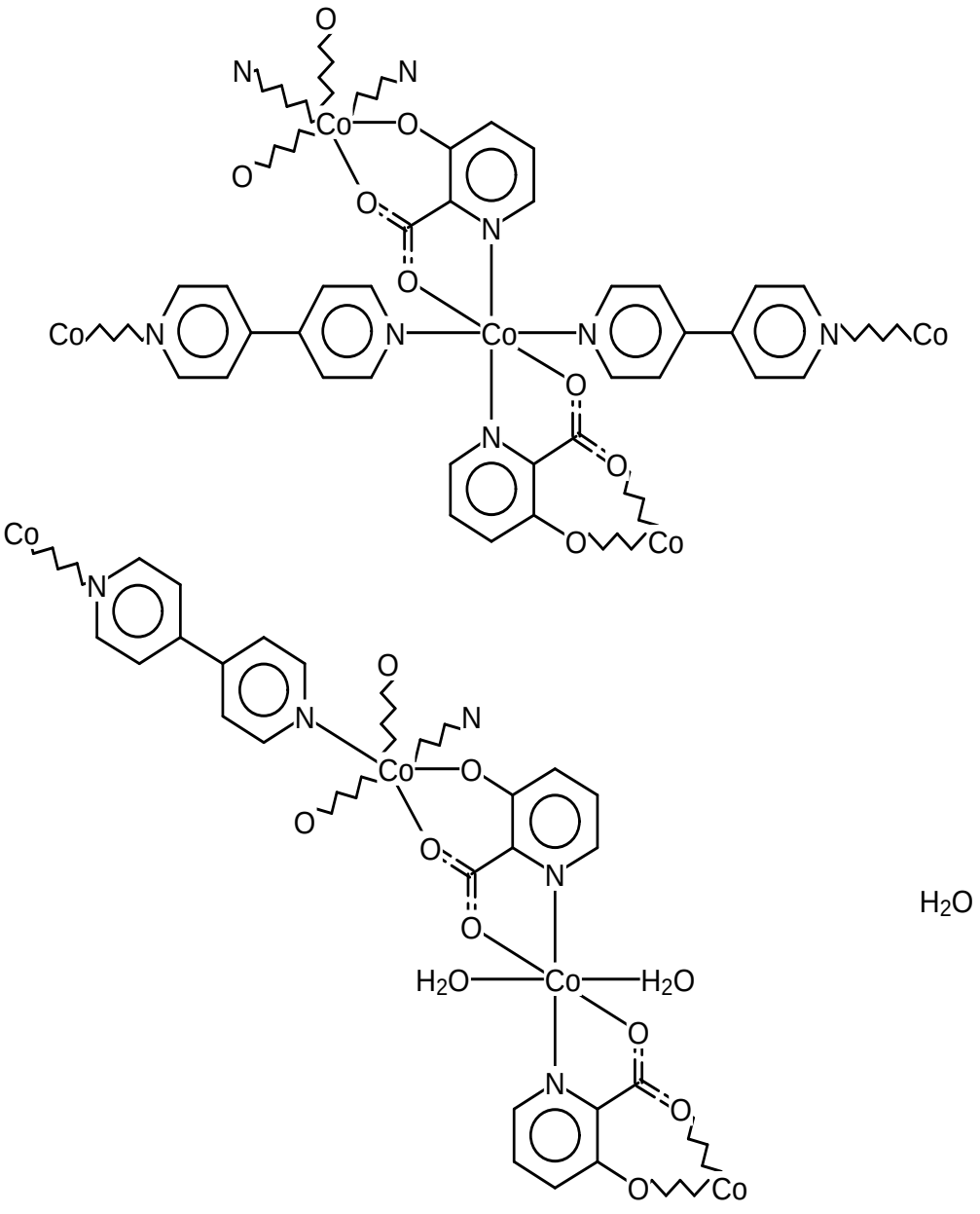
Reference: Ming-Hua Zeng, Wei-Xiong Zhang, Xian-Zhong Sun, Xiao-Ming Chen (2005) *Angew.Chem.,Int.Ed. ,***44,**3079

Formula: $(C_{32}\ H_{22}\ Co_2\ N_6\ O_6)n,n(C_{22}\ H_{18}\ Co_2\ N_4\ O_8),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-3-oxypicolinato-N,O,O',O'')-di-cobalt(ii) (μ_2-4,4'-bipyridine-N,N')-bis(μ_2-3-oxypicolinato-N,O,O',O'')-diaqua-di-cobalt(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	11.275(1)	***b***	11.538(1)	***c***	11.609(1)
Space Group No.:	2	***(Å,°)***	α	80.18(0)	β	71.91(0)	γ	73.15(0)

R-Factor (%): 4.17 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2231

SARMOO

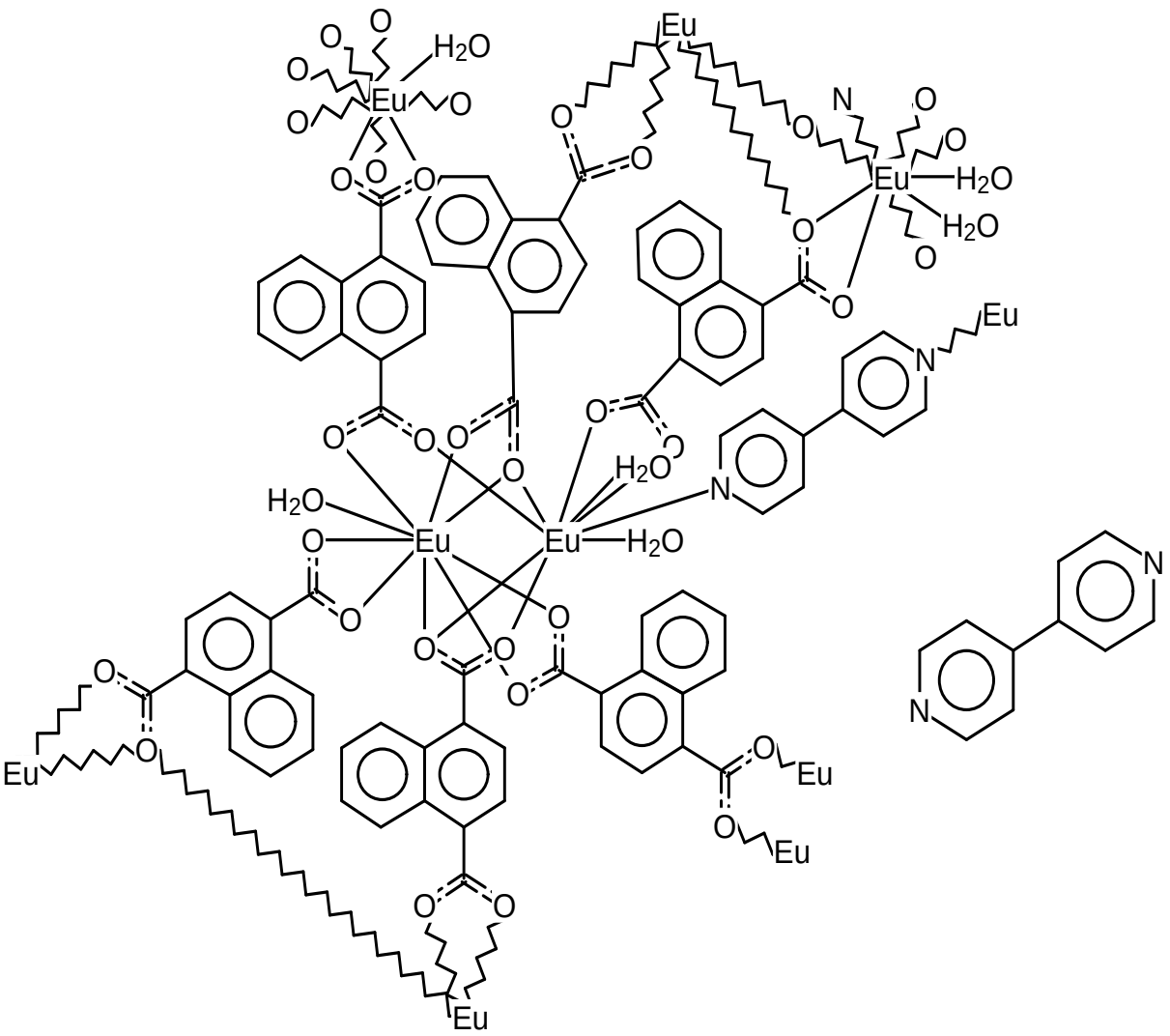
Reference: Xiang-Jun Zheng, Lin-Pei Jin, Song Gao, Shao-Zhe Lu (2005) *New J.Chem.* ,**29,**798

Formula: $(C_{82}\ H_{56}\ Eu_4\ N_2\ O_{30})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[hexakis(μ_3-Naphthalene-1,4-dicarboxylato)-(μ_2-4,4'-bipyridyl)-hexaaqua-tetra-europium(iii) bis(4,4'-bipyridine) clathrate]

Space Group:	P21/n	***Cell:***	***a*** 14.240(5)	***b*** 22.191(7)	***c*** 15.185(5)
Space Group No.:	14	***(Å,°)***	α 90.00	β 102.98(0)	γ 90.00

R-Factor (%): 4.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.754



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2232

SARMUU

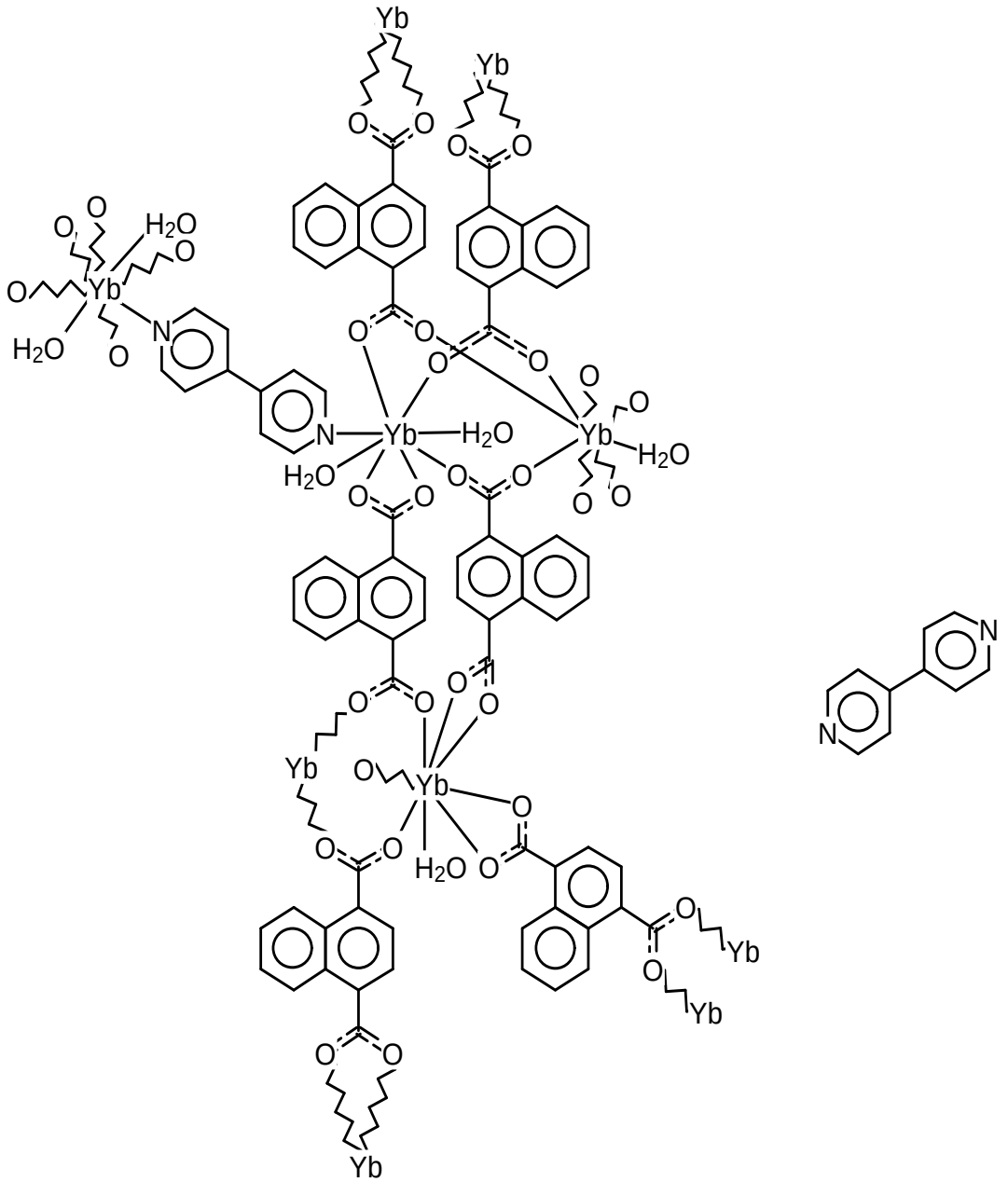
Reference: Xiang-Jun Zheng, Lin-Pei Jin, Song Gao, Shao-Zhe Lu (2005) *New J.Chem.* ,**29,**798

Formula: $(C_{82}\ H_{56}\ N_2\ O_{30}\ Yb_4)n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[hexakis(μ_3-Naphthalene-1,4-dicarboxylato)-(μ_2-4,4'-bipyridyl)-hexaaqua-tetra-ytterbium(iii) bis(4,4'-bipyridine) clathrate]

Space Group:	P21/n	***Cell:***	***a***	14.099(5)	***b*** 21.938(8)	***c***	15.066(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.26(0)	γ	90.00

R-Factor (%): 9.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.870



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2233

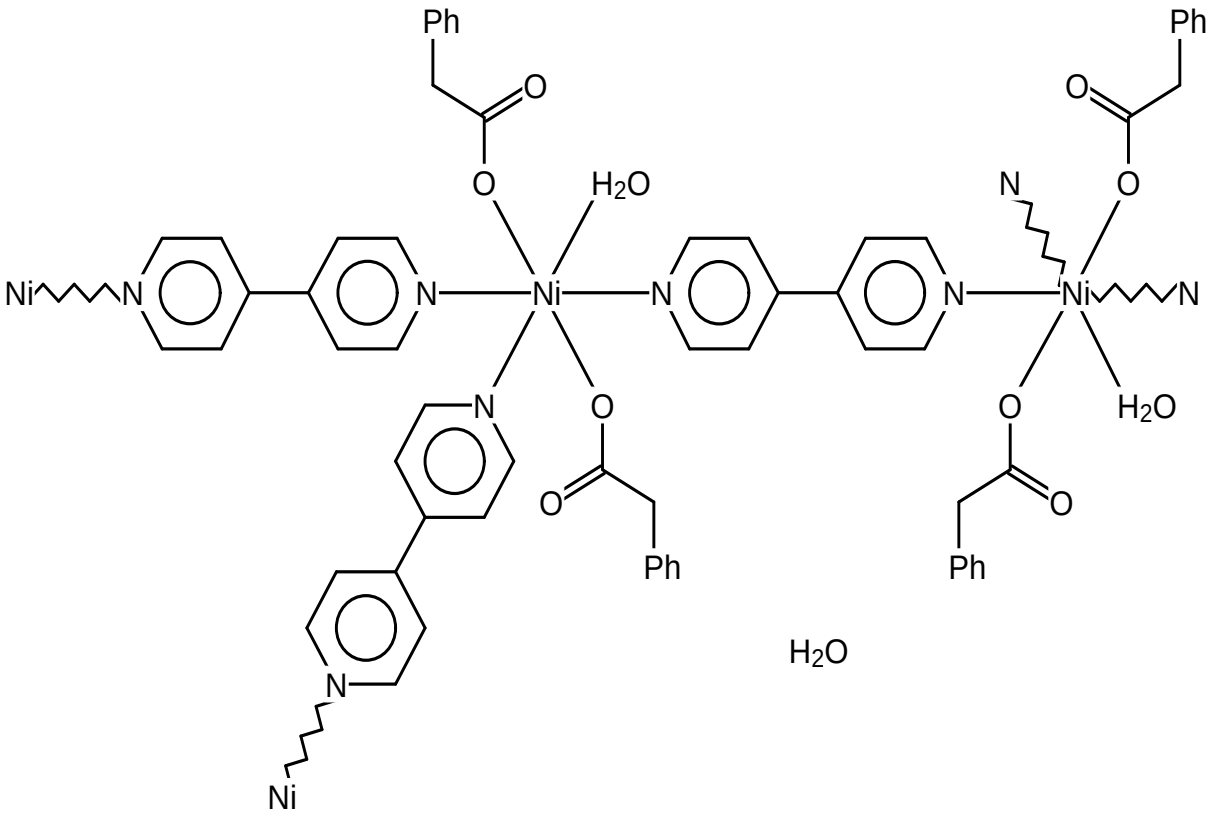
SATNIL

Reference: Xue-Li Zhang, S.W.Ng (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1498

Formula: $(C_{62}\ H_{56}\ N_6\ Ni_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N')-diaqua-tetrakis(phenylacetato-O)-di-nickel(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.110(0)	***b***	11.280(0)	***c***	13.296(0)
Space Group No.:	2	***(Å,°)***	α	83.46(0)	β	83.83(0)	γ	74.64(0)
R-Factor (%):	6.90	***Temperature(K):***	295		***Density(g/cm^3):***	1.375		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2234

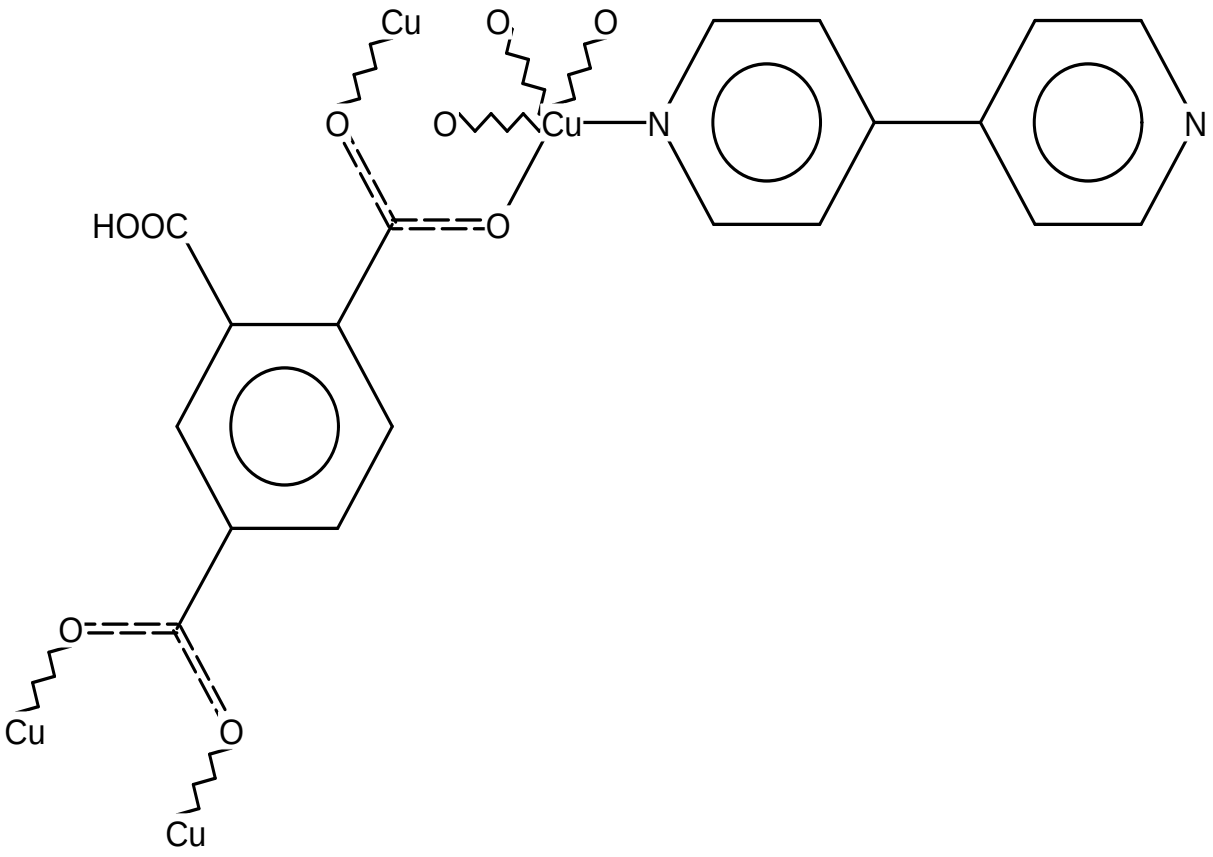
SAVLEH

Reference: Lei Wang, Ming Yang, Zhan Shi, Yan Chen, Shouhua Feng (2005) *J.Solid State Chem. ,***178,**3359

Formula: $(C_{19}\ H_{12}\ Cu_1\ N_2\ O_6)n$

Compound Name: catena-((μ_4-1-Carboxy-2,4-benzenedicarboxylato)-(4,4'-bipyridine)-copper)

Space Group:	P21/n	***Cell:***	***a***	9.981(0)	***b***	16.551(1)	***c***	11.311(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.38(0)	γ	90.00
R-Factor (%):	5.43	***Temperature(K):***	293		***Density(g/cm^3):***	1.542		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2235

SAVLIL

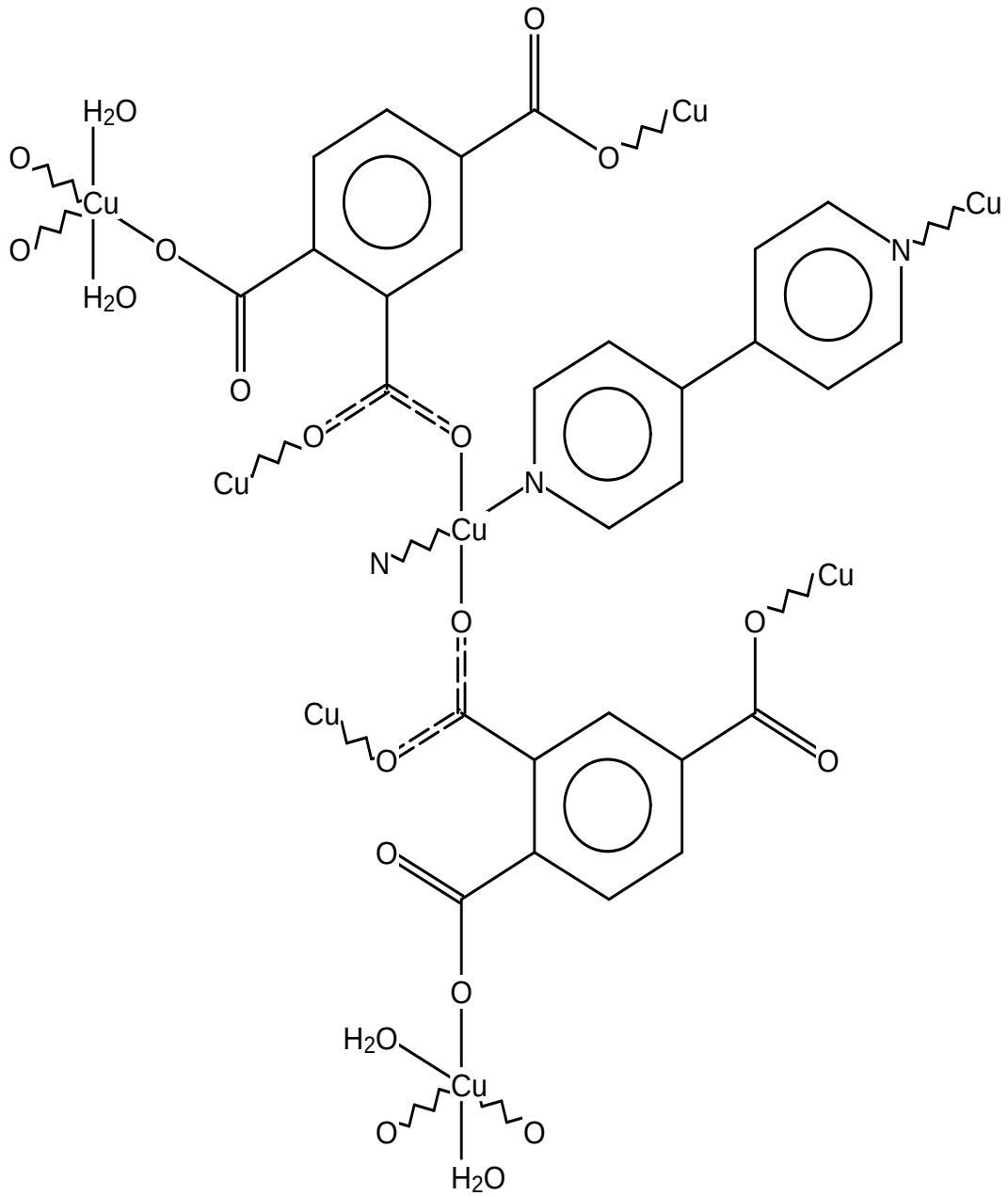
Reference: Lei Wang, Ming Yang, Zhan Shi, Yan Chen, Shouhua Feng (2005) *J.Solid State Chem. ,***178,**3359

Formula: $(C_{28}\ H_{22}\ Cu_3\ N_2\ O_{16})n$

Compound Name: catena-(bis(μ_4-1,2,4-Benzenetricarboxylato)-(μ_2-4,4'-bipyridine)-tetra-aqua-tri-copper)

Space Group:	Fdd2	***Cell:***	***a***	19.004(3)	***b***	26.711(4)	***c***	11.077(1)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.968



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2236

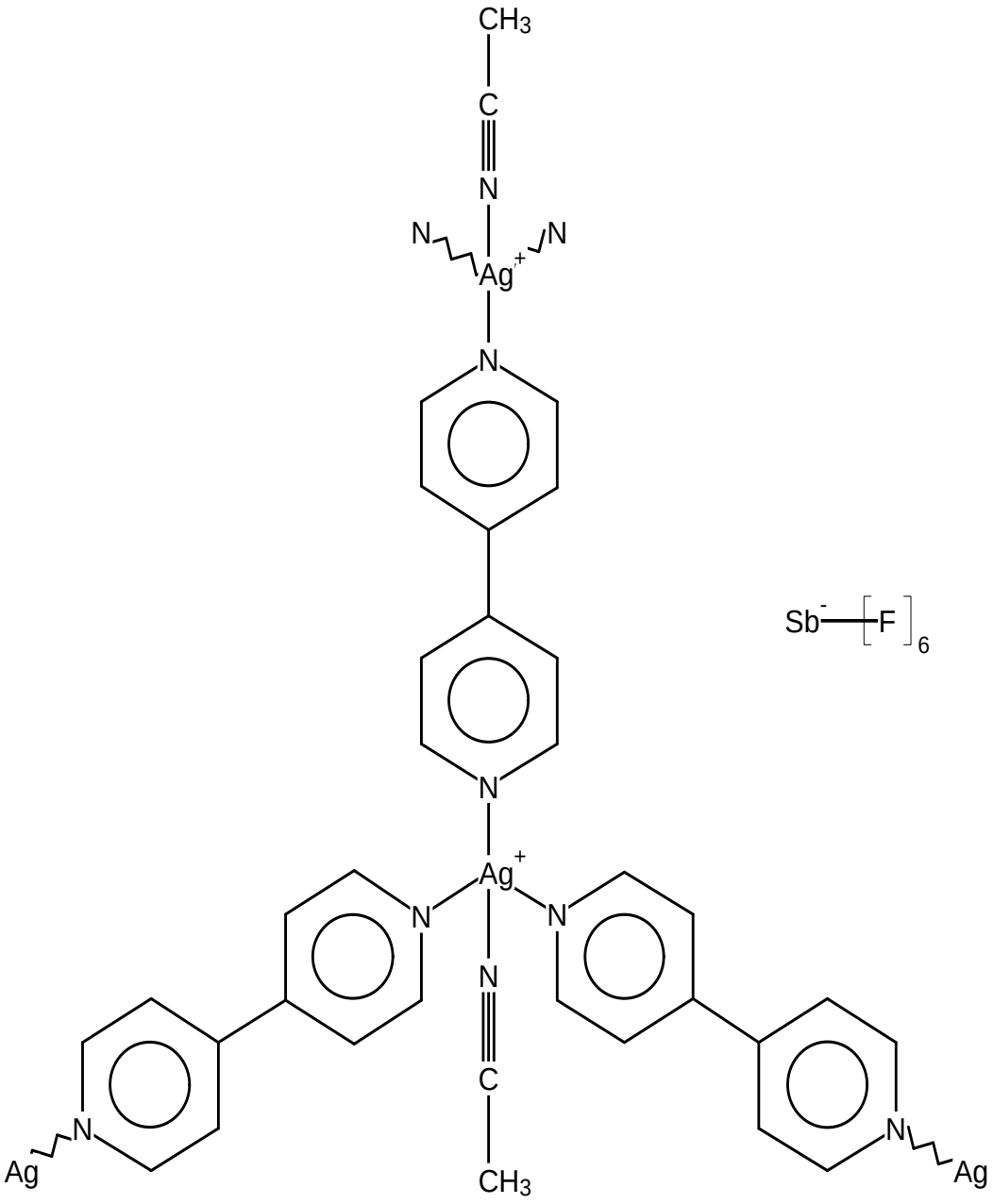
SAWKEH

Reference: Ji-Jun Jiang, Xue-Li Zhang, Xiang-Ping Li, Bei-sheng Kang, Cheng-Yong Su (2005) *CrystEngComm* ,**7,**603

Formula: $(C_{34}\ H_{30}\ Ag_2\ N_8\ ^{2+})n,2n(F_6\ Sb_1\ ^{1-})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-bis(acetonitrile)-di-silver(i) bis(hexafluoroantimonate))

Space Group:	C2/c	***Cell:***	***a***	22.556(1)	***b*** 17.100(1)	***c***	11.328(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.51(1)	γ	90.00
R-Factor (%):	7.24	***Temperature(K):***	293		***Density(g/cm^3):***		1.984



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2237

SAZMIQ

Reference: Jin-Hua Cai, Yi-Min Jiang, Xiu-Ju Yin, Xu-Hui Liu, Xiu-Jian Wang (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,** m72

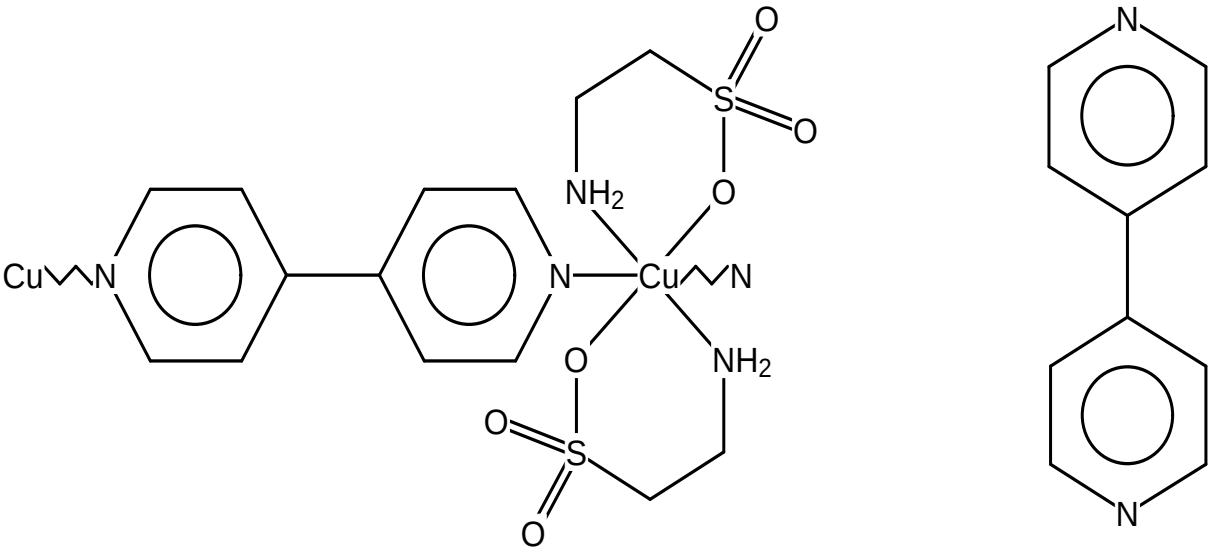
Formula: $(C_{14}\ H_{20}\ Cu_1\ N_4\ O_6\ S_2)n,n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(2-aminoethanesulfonato-N,O)-copper(ii) 4,4'-bipyridine monohydrate)

Synonym: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(taurine-N,O)-copper(ii) 4,4'-bipyridine monohydrate)

Space Group:	P2/c	***Cell:***	***a***	9.865(1)	***b***	11.385(0)	***c*** 12.952(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	107.45(0)	γ 90.00

R-Factor (%): 4.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.537



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2238

SAZTET

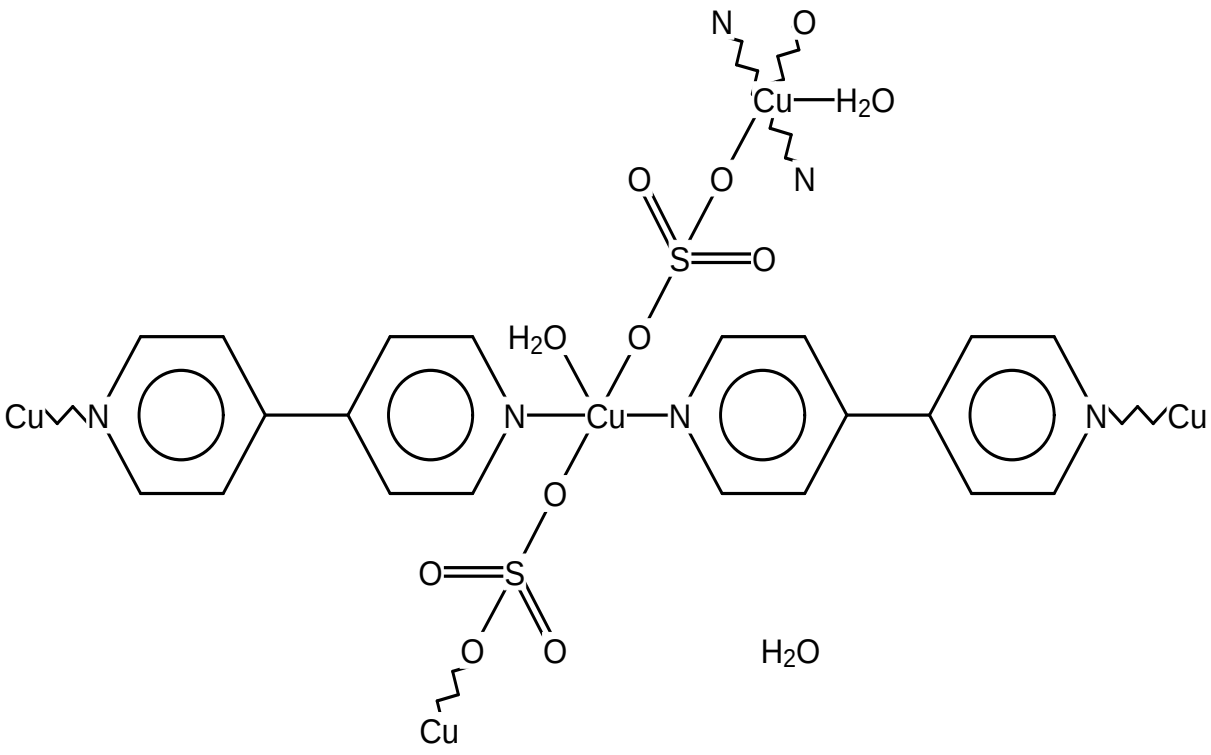
Reference: N.Lah, I.Leban (2006) *Inorg.Chem.Commun.* ,**9,**42

Formula: $(C_{20}\ H_{20}\ Cu_2\ N_4\ O_{10}\ S_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(μ$_2$-sulfato-O,O')-aqua-copper(ii)) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	20.031(0)	***b*** 9.833(0)	***c***	11.936(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.14(0)	γ	90.00

R-Factor (%): 2.89 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.974



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2239

SAZTIX

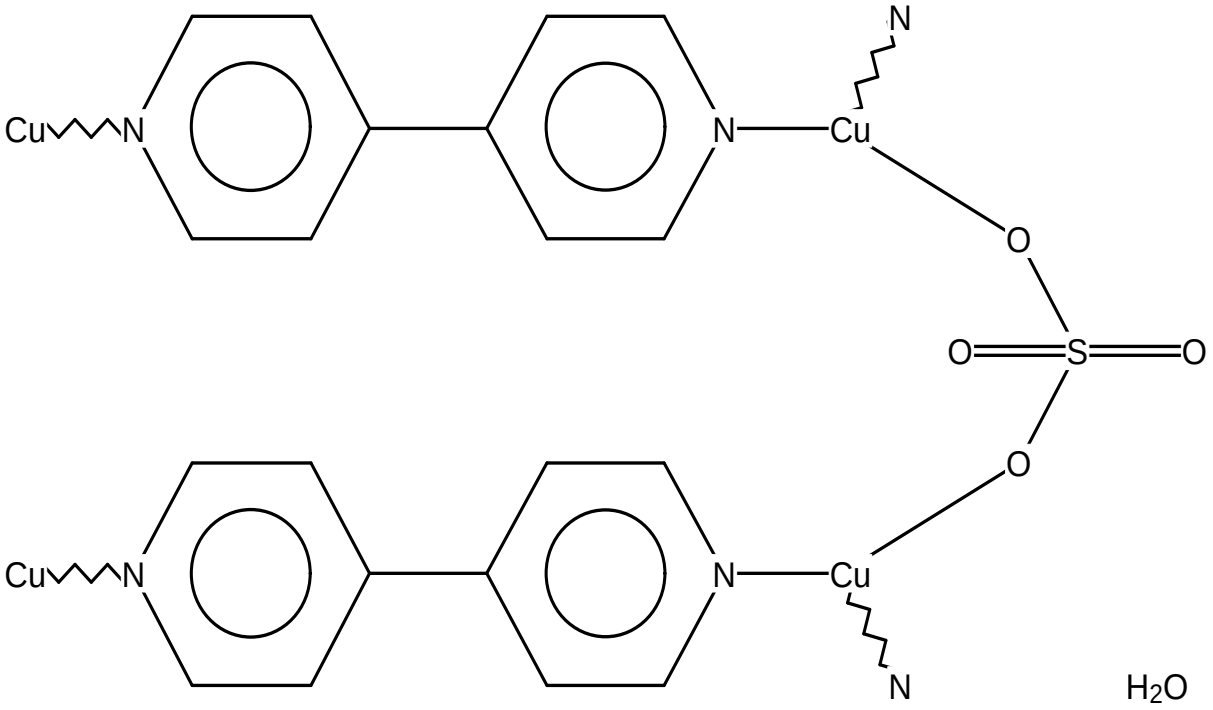
Reference: N.Lah, I.Leban (2006) *Inorg.Chem.Commun.* ,**9,**42

Formula: $(C_{20}\ H_{16}\ Cu_2\ N_4\ O_4\ S_1)n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-(μ_2-sulfato-O,O')-di-copper(i) hexahydrate)

Space Group:	P21/c	***Cell:***	***a***	10.923(0)	***b*** 17.159(0)	***c***	14.328(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.25(0)	γ	90.00

R-Factor (%): 6.12 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.697



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2240

SAZXIA

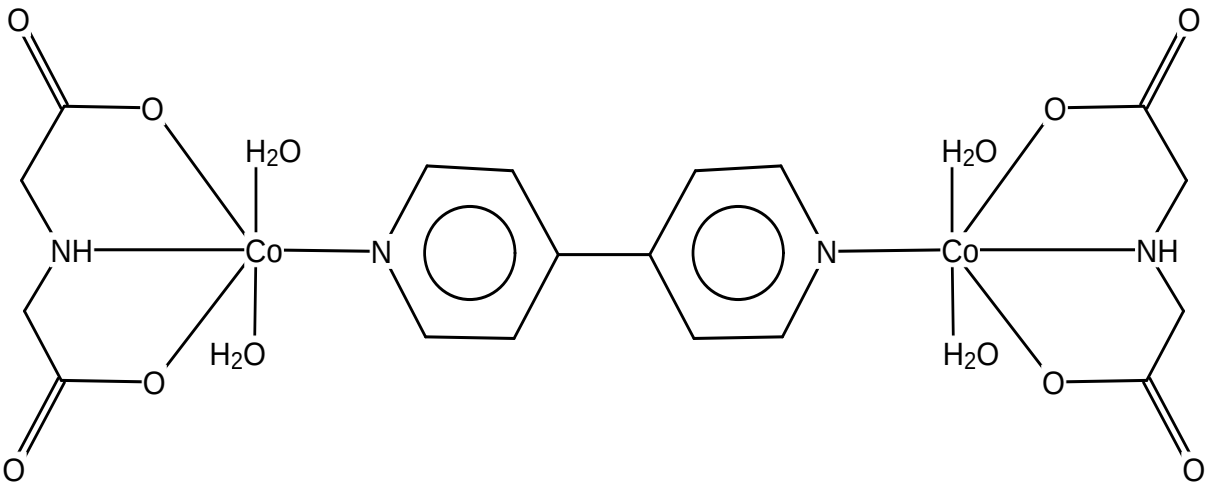
Reference: Xu Duanjun, Cheng Caorong, Xu Yuanzhi, Hu Shengzhi (1989) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**8,**81

Formula: $C_{18}\ H_{26}\ Co_2\ N_4\ O_{12}$,4($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-bis(diaqua-(iminodiacetato-O,O')-cobalt(ii)) tetrahydrate

Space Group:	C2/m	***Cell:***	***a***	21.146(3)	***b***	12.613(1)	***c***	5.202(3)
Space Group No.:	12	***(Å,°)***	α	90.00	β	93.26(2)	γ	90.00

R-Factor (%): 3.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.631



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2241

SBEXBP

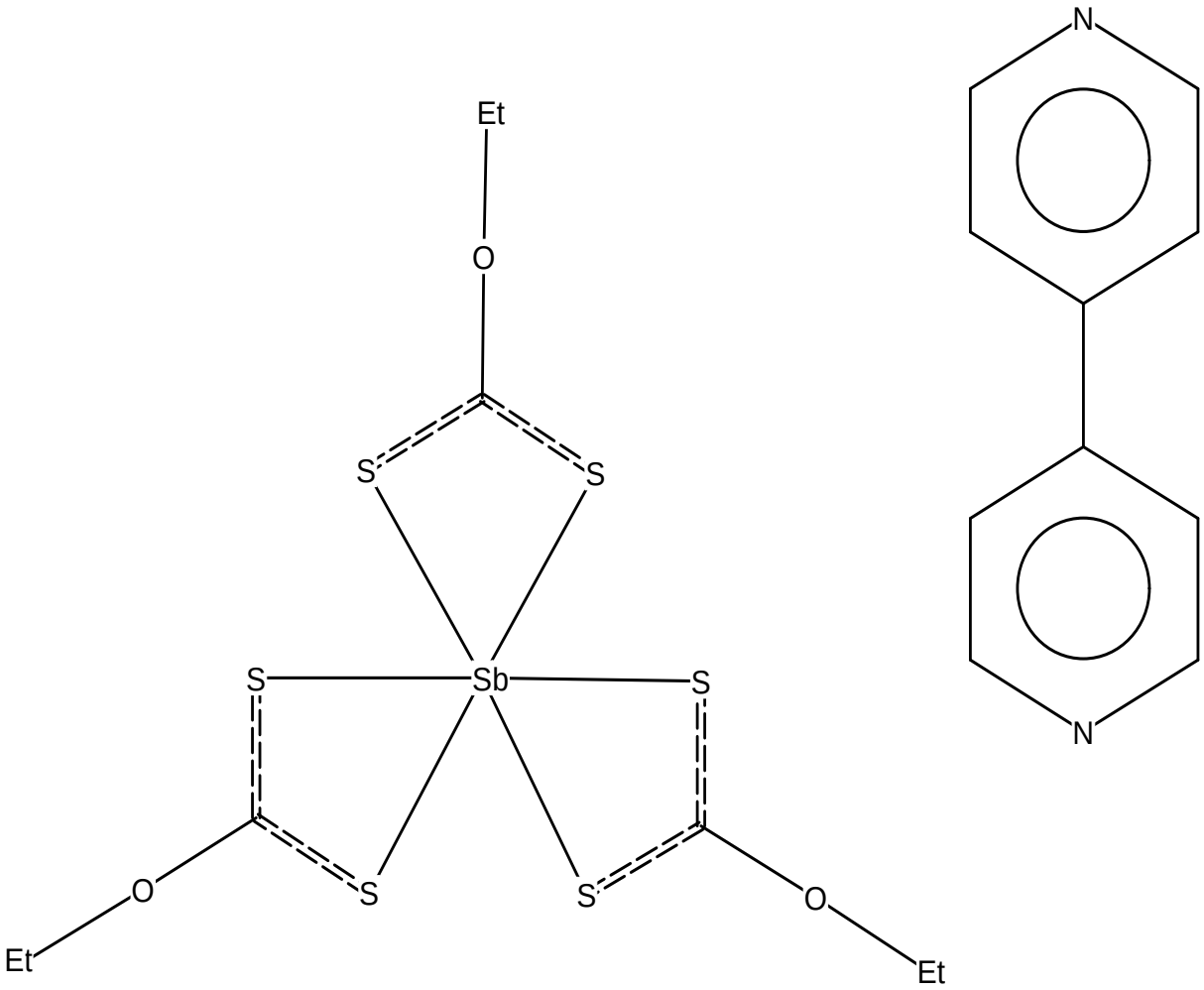
Reference: D.L.Keppert, C.L.Raston, A.H.White, G.Winter (1978)
Aust.J.Chem. ,**31,**757

Formula: $C_9 H_{15} O_3 S_6 Sb_1$,0.5($C_{10} H_8 N_2$)

Compound Name: tris(O-Ethylxanthato) antimony(iii) 4,4'-bipyridyl solvate

Space Group:	P-1	***Cell:***	***a***	6.064(3)	***b*** 10.825(6)	***c***	17.723(7)
Space Group No.:	2	***(Å,°)***	α	104.77(4)	β 96.78(3)	γ	97.14(4)

R-Factor (%): 3.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.697



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2242

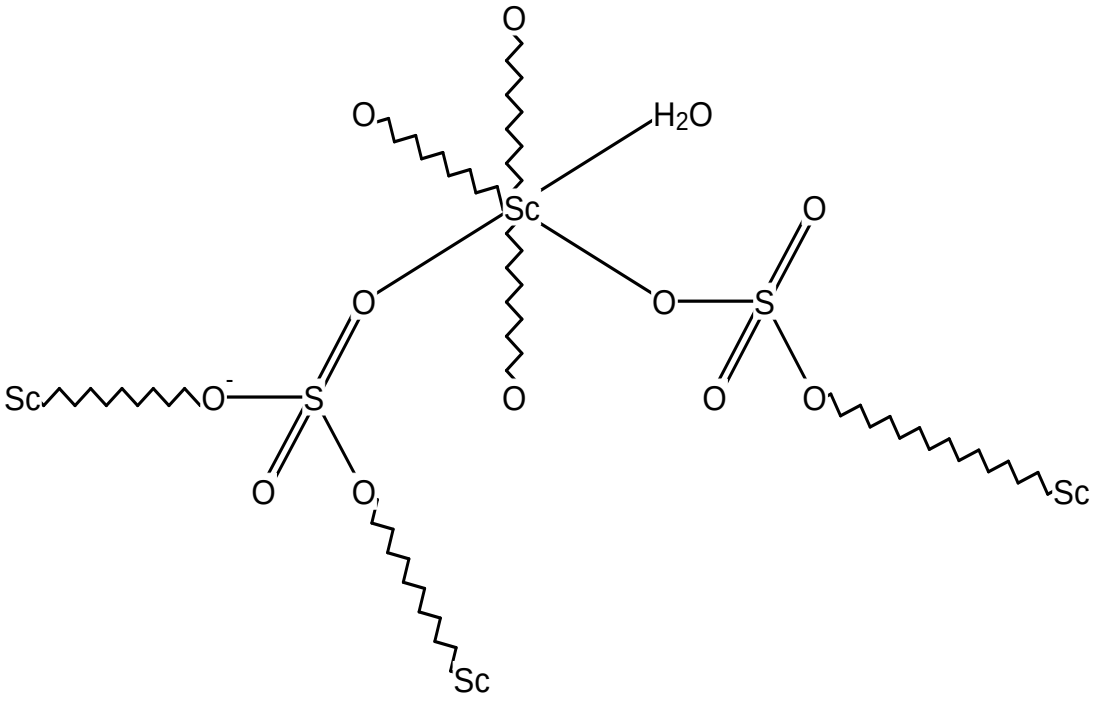
SECBIM

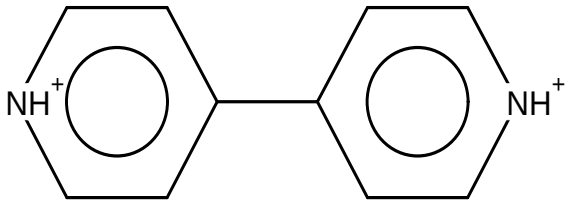
Reference: S.P.Petrosyants, A.B.Ilyukhin, A.Yu.Sukhorukov (2005) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**31,**576

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,2n(H_2\ O_9\ S_2\ Sc_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium (μ_3-sulfato)-(μ_2-sulfato)-aqua-scandium(iii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	5.024(0)	***b***	10.378(1)	***c*** 11.533(0)
Space Group No.:	2	***(Å,°)***	α	91.65(2)	β	95.93(2)	γ 103.30(2)
R-Factor (%):	7.15	***Temperature(K):***	295	***Density(g/cm^3):***	2.012		





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2243

SECWUT

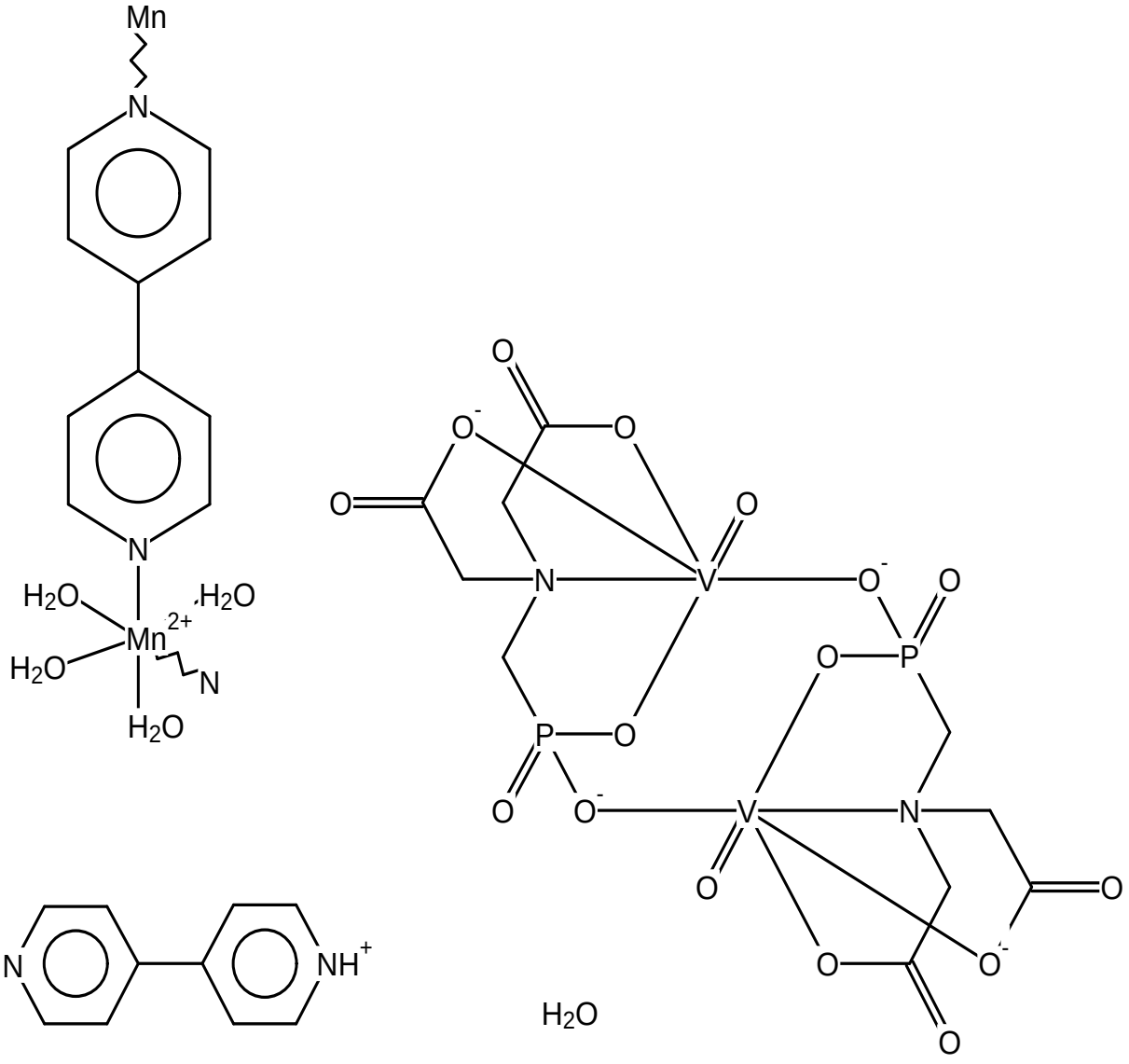
Reference: Fa-Nian Shi, F.A.A.Paz, P.I.Girginova, V.S.Amaral, J.Rocha, J.Klinowski, T.Trindade (2006) *Inorg.Chim.Acta* ,**359,**1147

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})2n,n(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+}),n(C_{10}\ H_{12}\ N_2\ O_{16}\ P_2\ V_2\ ^{4-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) (μ_2-4,4'-bipyridine)-tetra-aqua-manganese(ii) bis(μ_2-N-(phosphonomethyl)iminodiacetato-N,O,O',O'')-dioxo-di-vanadium(iv) tetrahydrate)

Space Group:	P2/c	***Cell:***	***a***	10.821(2)	***b*** 11.576(2)	***c***	20.641(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.96(3)	γ	90.00

R-Factor (%): 4.04 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.641



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2244

SECXAA

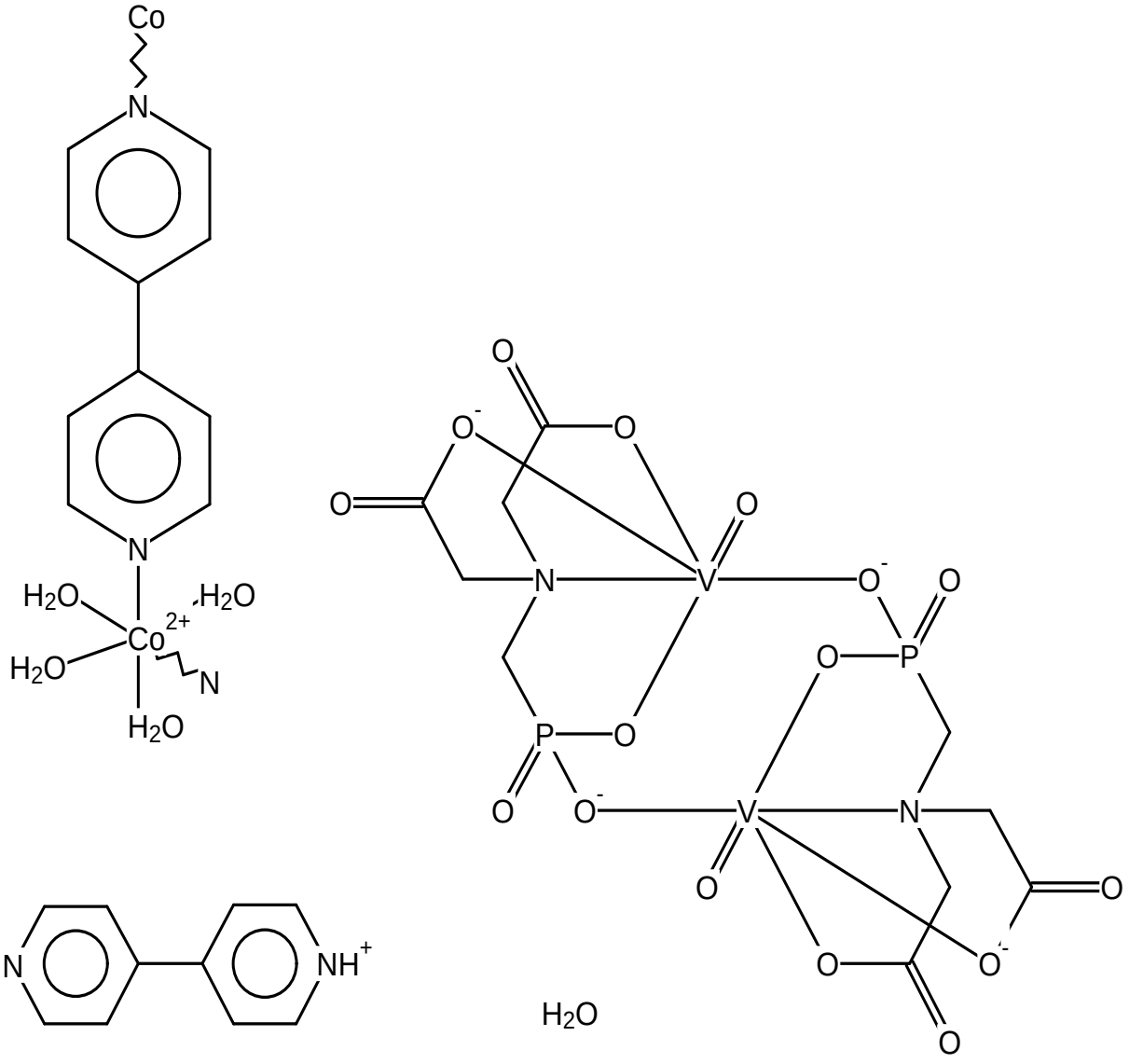
Reference: Fa-Nian Shi, F.A.A.Paz, P.I.Girginova, V.S.Amaral, J.Rocha, J.Klinowski, T.Trindade (2006) *Inorg.Chim.Acta* ,**359,**1147

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})2n,n(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+}),n(C_{10}\ H_{12}\ N_2\ O_{16}\ P_2\ V_2\ ^{4-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) (μ_2-4,4'-bipyridine)-tetra-aqua-cobalt(ii) bis(μ_2-N-(phosphonomethyl)iminodiacetato-N,O,O',O'')-dioxo-di-vanadium(iv) tetrahydrate)

Space Group:	P2/c	***Cell:***	***a***	10.797(2)	***b*** 11.371(2)	***c***	20.680(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.04(3)	γ	90.00

R-Factor (%): 3.89 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.677



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2245

SEFPEZ

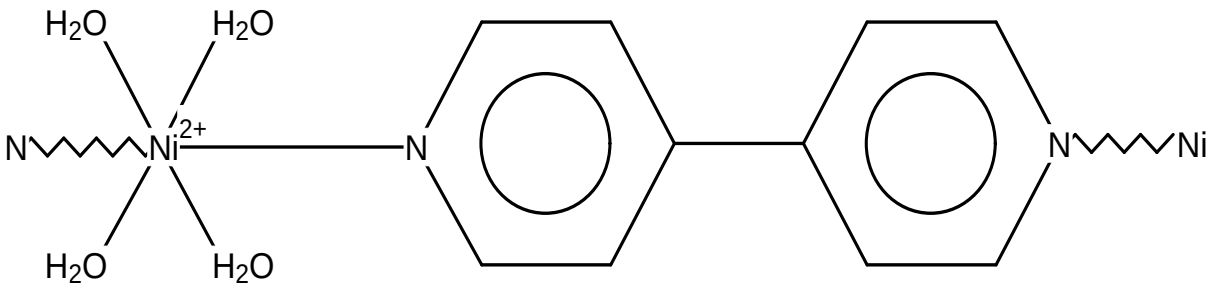
Reference: Xin-Long Wang, Chao Qin, En-Bo Wang (2006)
Cryst.Growth Des. ,**6,**439

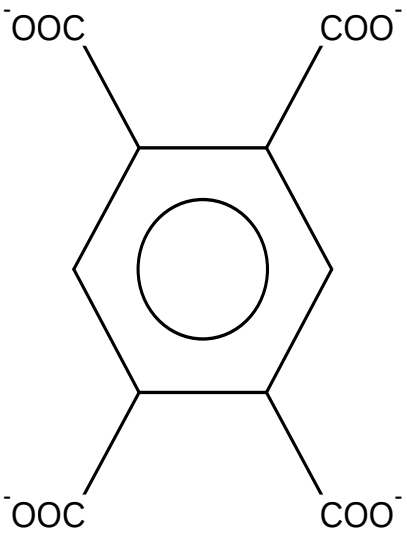
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,0.5n(C_{10}\ H_2\ O_8\ ^{4-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-tetra-aqua-nickel hemikis(1,2,4,5-benzenetetracarboxylate) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	19.920(4)	***b***	11.256(2)	***c***	15.487(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.77(3)	γ	90.00

R-Factor (%): 5.46 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.651





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2246

SEFPID

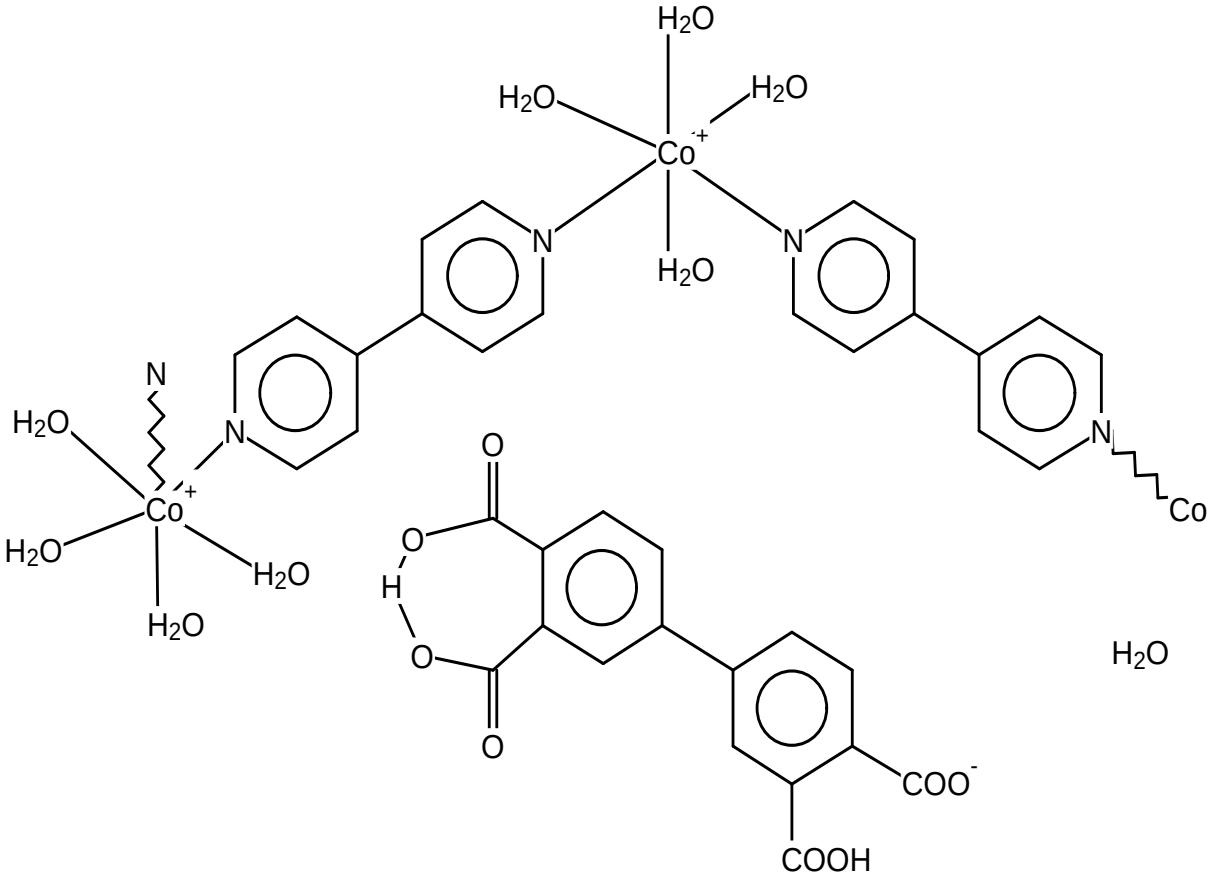
Reference: Xin-Long Wang, Chao Qin, En-Bo Wang (2006)
Cryst.Growth Des. ,**6,**439

Formula: $(C_{20}\ H_{32}\ Co_2\ N_4\ O_8\ ^{2+})0.5n,n(C_{16}\ H_8\ O_8\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(hemikis(bis(μ_2-4,4'-bipyridine)-octaaqua-di-cobalt) biphenyl-4,4'-di-carboxylate-3,3'-dicarboxylic acid dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.556(2)	***b*** 10.704(2)	***c*** 13.184(3)
Space Group No.:	2	***(Å,°)***	α 103.50(3)	β 108.82(3)	γ 100.97(3)

R-Factor (%):	4.75	***Temperature(K):***	293	***Density(g/cm^3):***	1.648



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2247

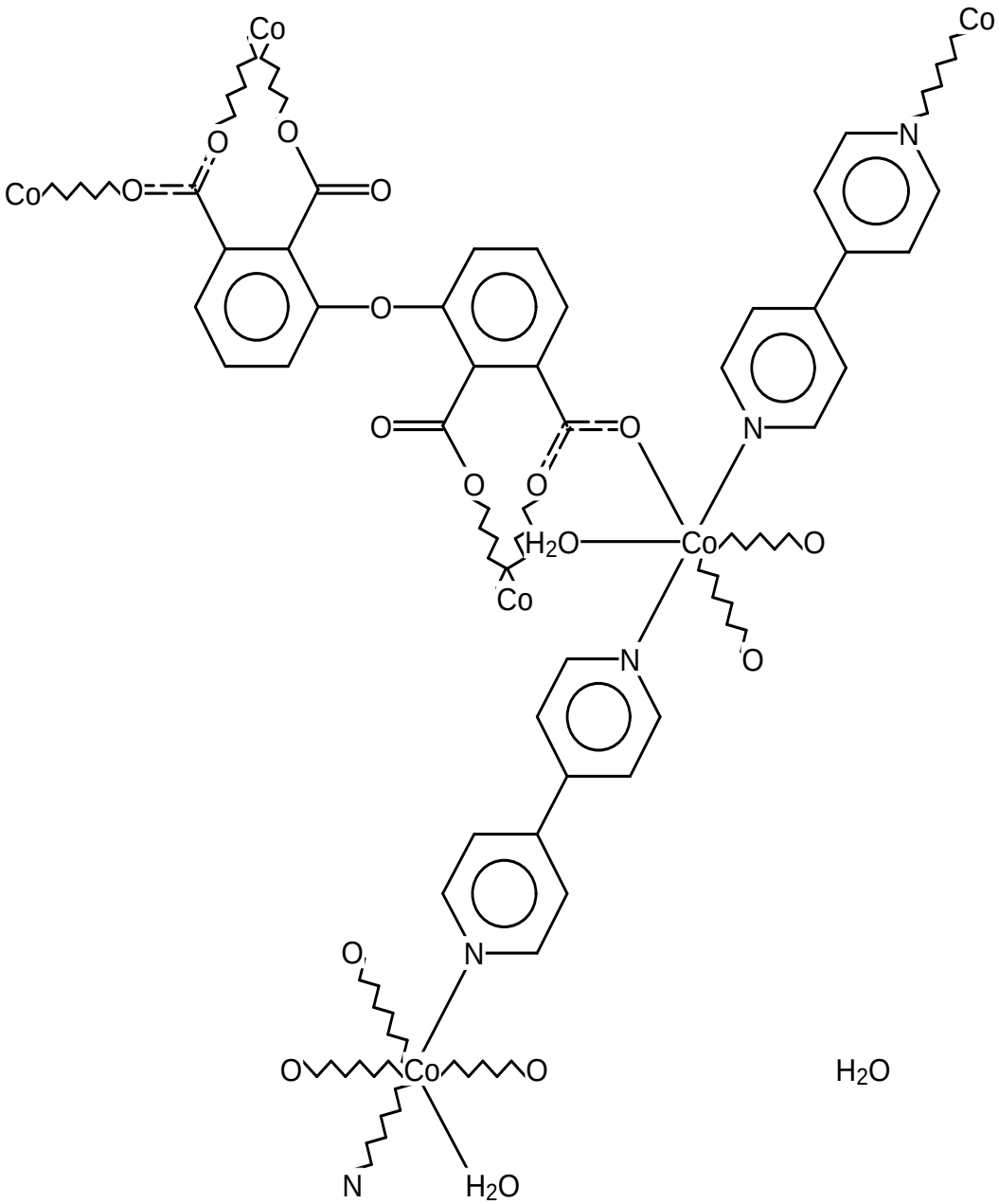
SEHZUB

Reference: Shuangquan Zang, Yang Su, Yizhi Li, Huizhen Zhu, Qingjin Meng (2006) *Inorg.Chem.* ,**45,**2972

Formula: $(C_{36}\ H_{26}\ Co_2\ N_4\ O_{11})n,7n(H_2\ O_1)$

Compound Name: catena-((μ_4-oxybis(benzene-2,3-dicarboxylato-O,O',O''))-bis(μ_2-4,4'-bipyridyl)-diaqua-di-cobalt heptahydrate)

Space Group:	C2	***Cell:***	***a***	24.495(9)	***b*** 8.320(2)	***c***	11.375(3)
Space Group No.:	5	***(Å,°)***	α	90.00	β 105.22(1)	γ	90.00
R-Factor (%):	5.77	***Temperature(K):***	293		***Density(g/cm^3):***		1.388



Search: search1 (Thu May 26 10:05:42 2011): Hit 2248

SEJBAL

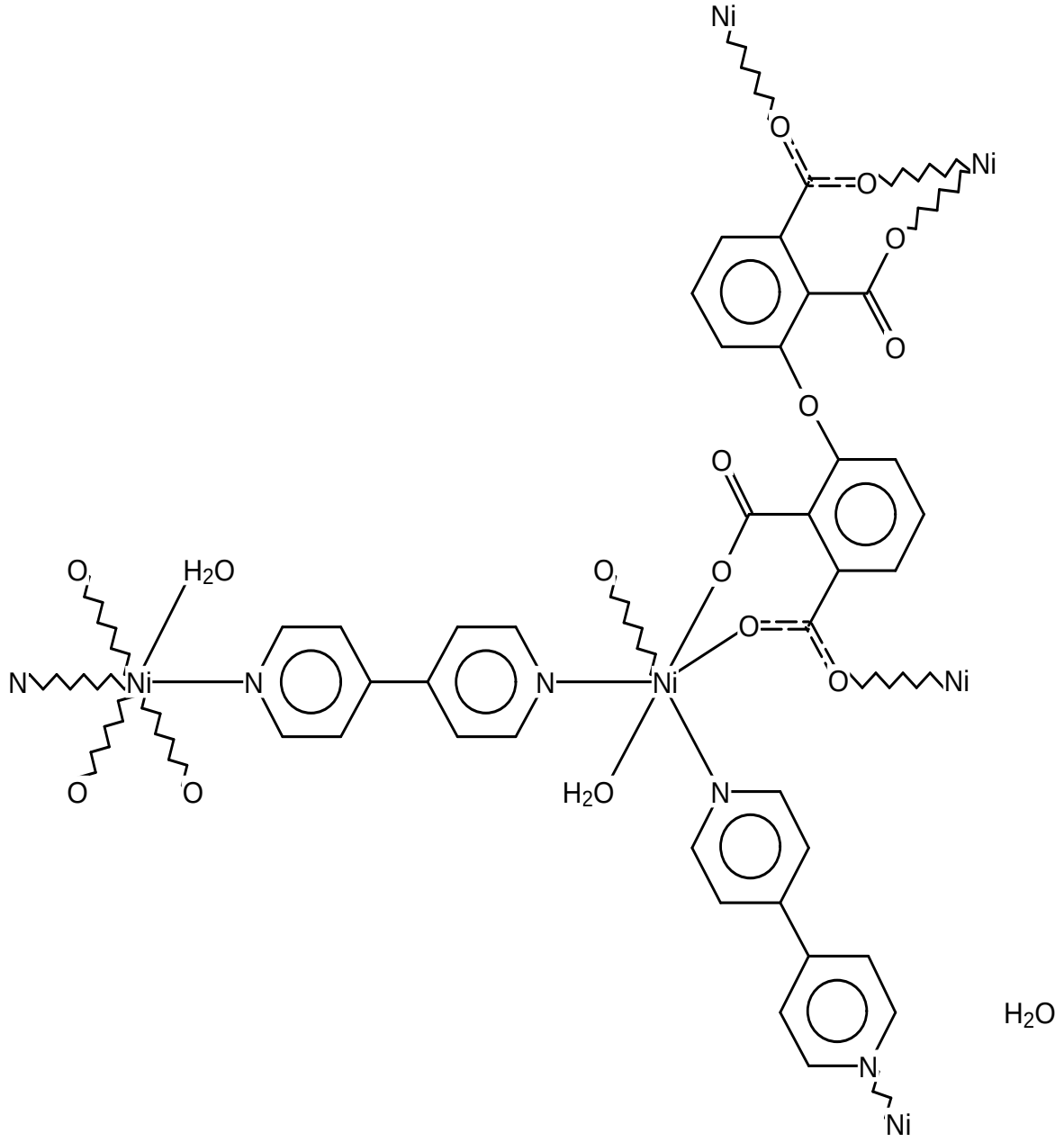
Reference: Shuangquan Zang, Yang Su, Yizhi Li, Huizhen Zhu, Qingjin Meng (2006) *Inorg.Chem.* ,**45,**2972

Formula: $(C_{36}\ H_{26}\ N_4\ Ni_2\ O_{11})n,8n(H_2\ O_1)$

Compound Name: catena-((μ_4-oxybis(benzene-2,3-dicarboxylato-O,O',O''))-bis(μ_2-4,4'-bipyridyl)-diaqua-di-nickel(ii) octahydrate)

Space Group:	C2	***Cell:***	***a***	24.444(12)	***b*** 8.242(4)	***c***	11.259(5)
Space Group No.:	5	***(Å,°)***	α	90.00	β 105.05(0)	γ	90.00

R-Factor (%): 5.89 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.444



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2249

SEJBEP

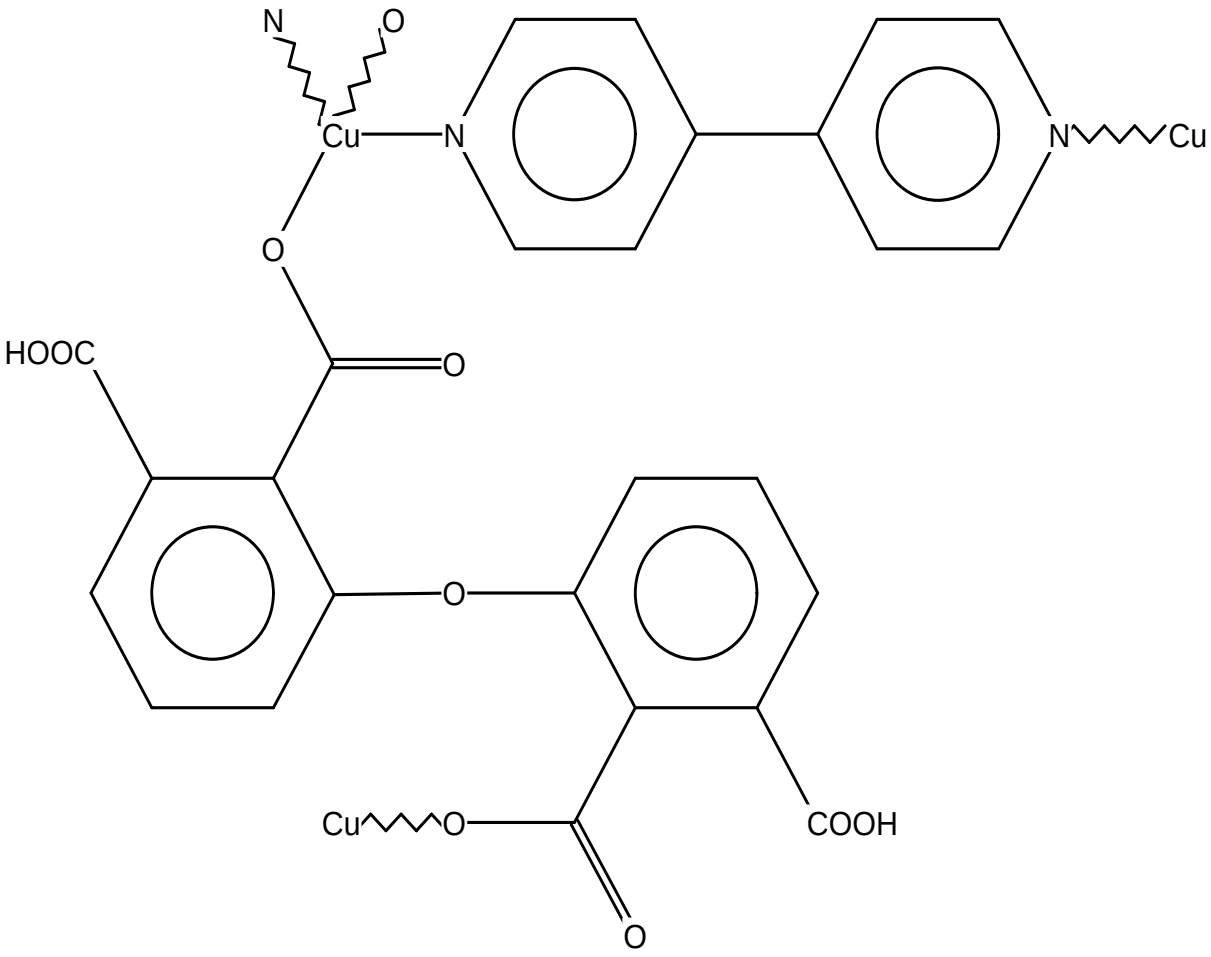
Reference: Shuangquan Zang, Yang Su, Yizhi Li, Huizhen Zhu, Qingjin Meng (2006) *Inorg.Chem.* ,**45,**2972

Formula: $(C_{26}\ H_{16}\ Cu_1\ N_2\ O_9)n$

Compound Name: catena-((μ_2-oxybis(benzene-2-carboxylato-3-carboxylic acid))-(μ_2-4,4'-bipyridine)-copper(ii))

Space Group:	P3121	***Cell:***	***a***	10.963(2)	***b***	10.963(2)	***c*** 16.034(3)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.683



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2250

SEJXIP

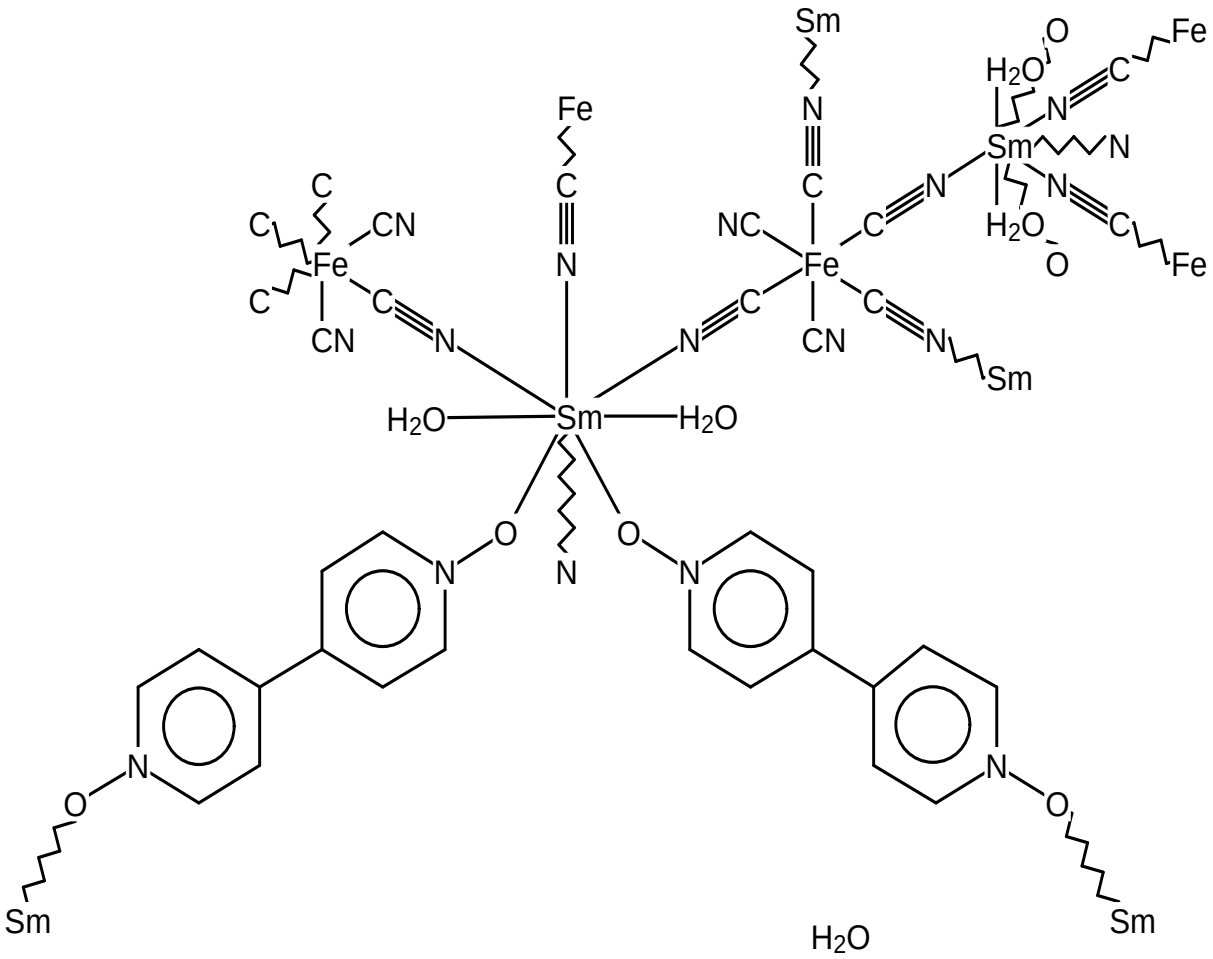
Reference: Yuan-Zhu Zhang, Gong-Ping Duan, O.Sato, Song Gao (2006) *J.Mater.Chem.* ,**16,**2625

Formula: $(C_{32}\ H_{24}\ Fe_2\ N_{16}\ O_8\ Sm_2)n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine N,N'-dioxide)-octakis(μ_2-cyano)-tetraaqua-tetracyano-di-iron(iii)-di-samarium(iii) hexahydrate)

Space Group:	P2/c	***Cell:***	***a***	13.668(0)	***b*** 7.408(0)	***c***	23.434(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.69(0)	γ	90.00

R-Factor (%):	7.39	***Temperature(K):***	293	***Density(g/cm^3):***	1.831



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2251

SEJXOV

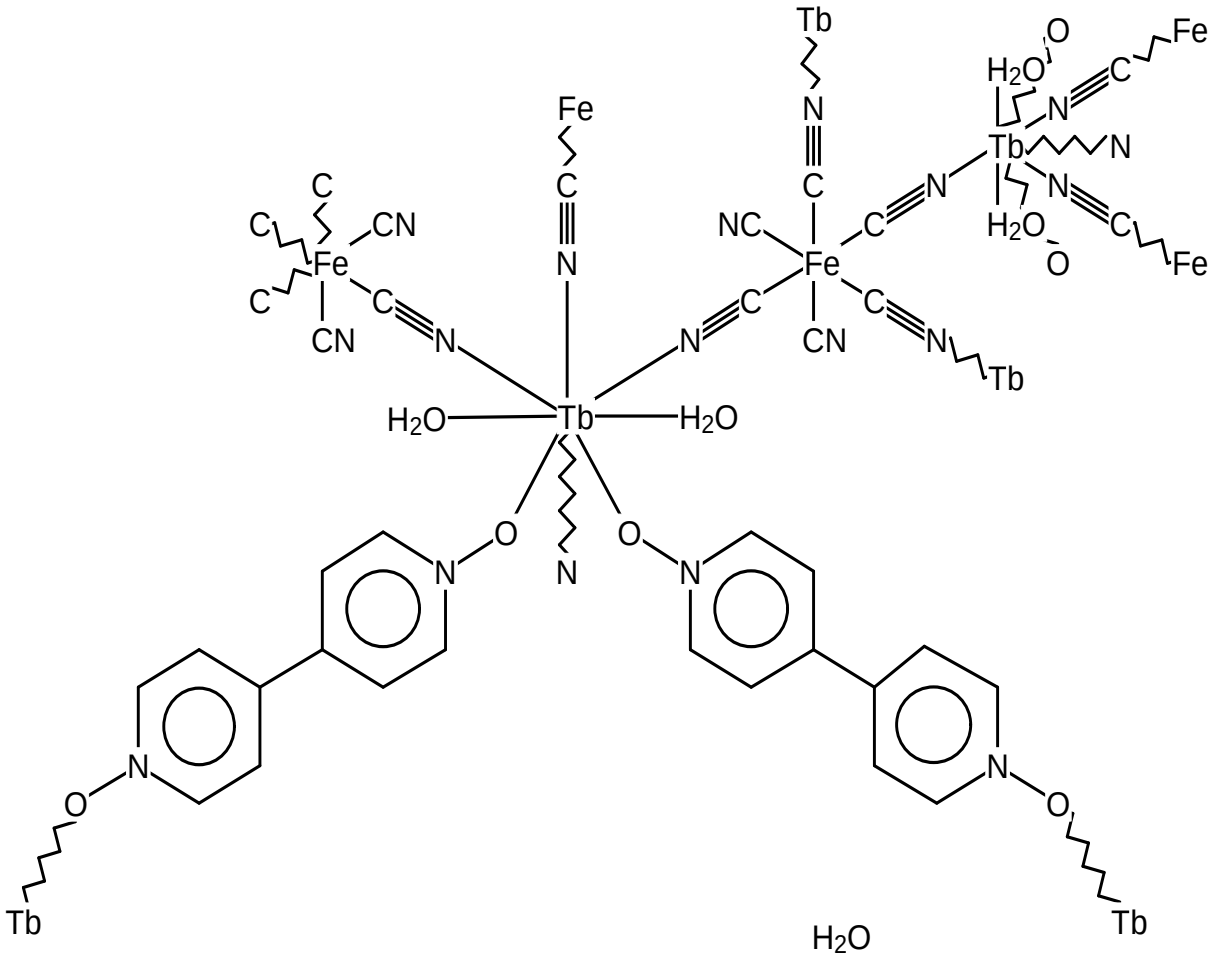
Reference: Yuan-Zhu Zhang, Gong-Ping Duan, O.Sato, Song Gao (2006) *J.Mater.Chem.* ,**16,**2625

Formula: $(C_{32}\ H_{24}\ Fe_2\ N_{16}\ O_8\ Tb_2)n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine N,N'-dioxide)-octakis(μ_2-cyano)-tetraaqua-tetracyano-di-iron(iii)-di-terbium(iii) hexahydrate)

Space Group:	P-1	***Cell:***	***a*** 7.347(0)	***b*** 11.733(0)	***c*** 13.592(0)
Space Group No.:	2	***(Å,°)***	α 101.56(0)	β 90.61(0)	γ 92.73(0)

R-Factor (%): 9.35 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.881



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2252

SEKMOL

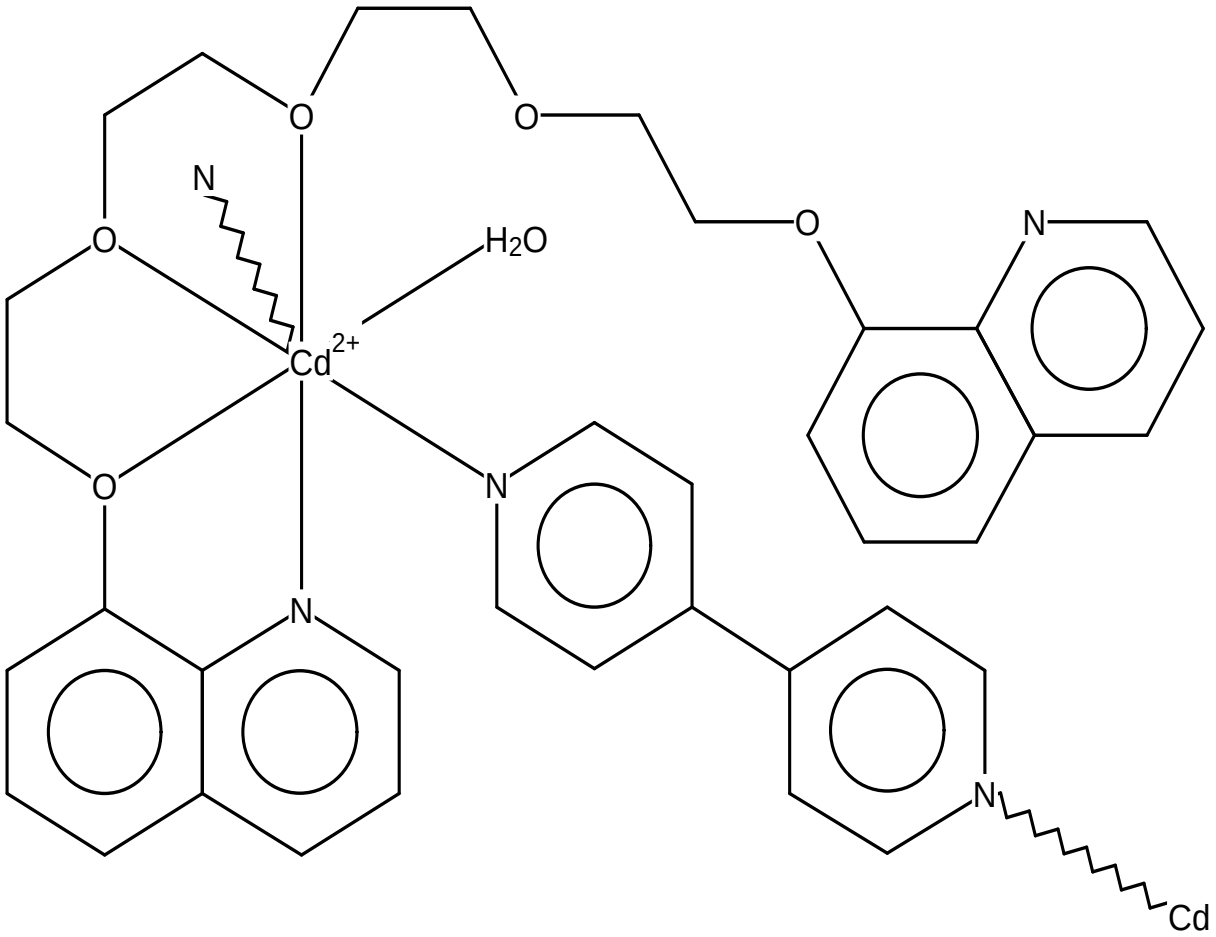
Reference: Ki-Min Park, Seok-Tao Moon, Young Jin Kang, Hyun Jee Kim, Joobeom Seo, Shim Sung Lee (2006) *Inorg.Chem.Commun.* ,**9,**671

Formula: $(C_{36}\ H_{38}\ Cd_1\ N_4\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),0.5n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-aqua-(1,11-bis(8-quinolinyloxy)-3,6,9-trioxaundecane-N,O,O',O'')-cadmium(ii) diperchlorate methanol solvate)

Space Group:	P21/c	***Cell:***	***a***	17.814(0)	***b***	11.626(0)	***c*** 18.864(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.51(0)	γ 90.00

R-Factor (%): 4.51 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.629



ClO_4^-

H_3C——OH

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2253

SEKRUW

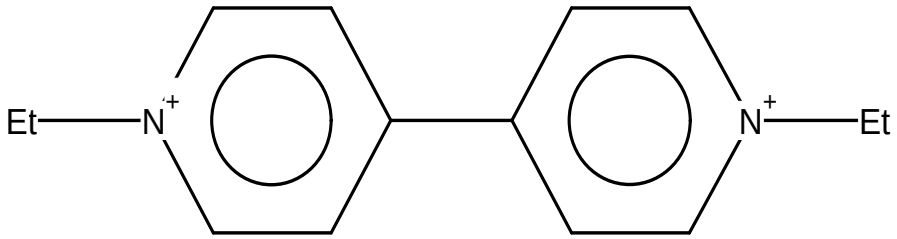
Reference: Juan-Juan Hou, Cai-Hong Guo, Xian-Ming Zhang (2006) *Inorg.Chim.Acta* ,**359,**3991

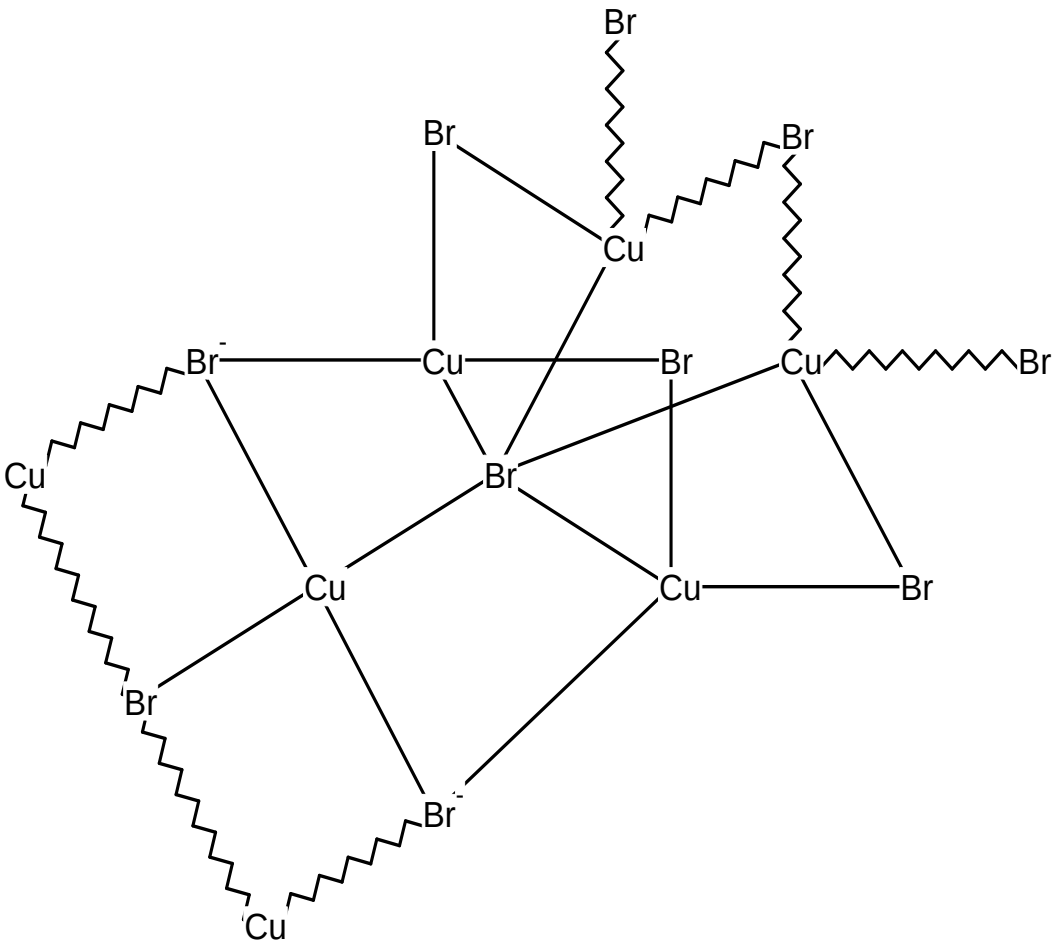
Formula: $(Br_7\ Cu_5\ ^{2-})n,n(C_{14}\ H_{18}\ N_2\ ^{2+})$

Compound Name: catena-(1,1'-Diethyl-4,4'-bipyridinium (μ_5-bromo)-tris(μ_3-bromo)-tris(μ_2-bromo)-penta-copper(i))

Space Group:	Pnma	***Cell:***	***a***	13.187(4)	***b***	19.434(5)	***c***	9.925(3)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.87	***Temperature(K):***	298	***Density(g/cm^3):***	2.850





Search: search1 (Thu May 26 10:05:42 2011): Hit 2254

SEKSAD

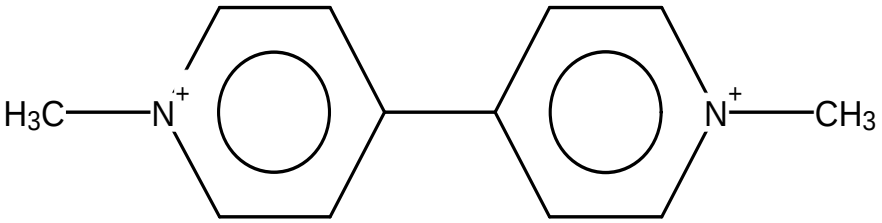
Reference: Juan-Juan Hou, Cai-Hong Guo, Xian-Ming Zhang (2006) *Inorg.Chim.Acta* ,**359,**3991

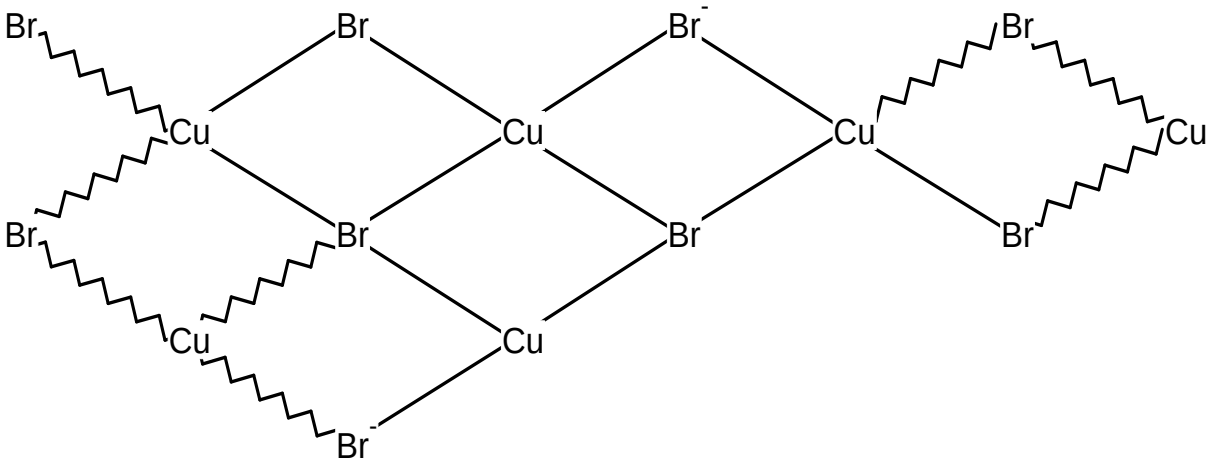
Formula: $(Br_6\ Cu_4\ ^{2-})n,n(C_{12}\ H_{14}\ N_2\ ^{2+})$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium (μ_4-bromo)-(μ_3-bromo)-tetrakis(μ_2-bromo)-tetra-copper(i))

Space Group:	P-1	***Cell:***	***a***	8.475(3)	***b*** 10.025(3)	***c***	13.443(4)
Space Group No.:	2	***(Å,°)***	α	106.71(0)	β 99.81(0)	γ	98.58(0)

R-Factor (%): 7.90 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.899





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2255

SEKWOV

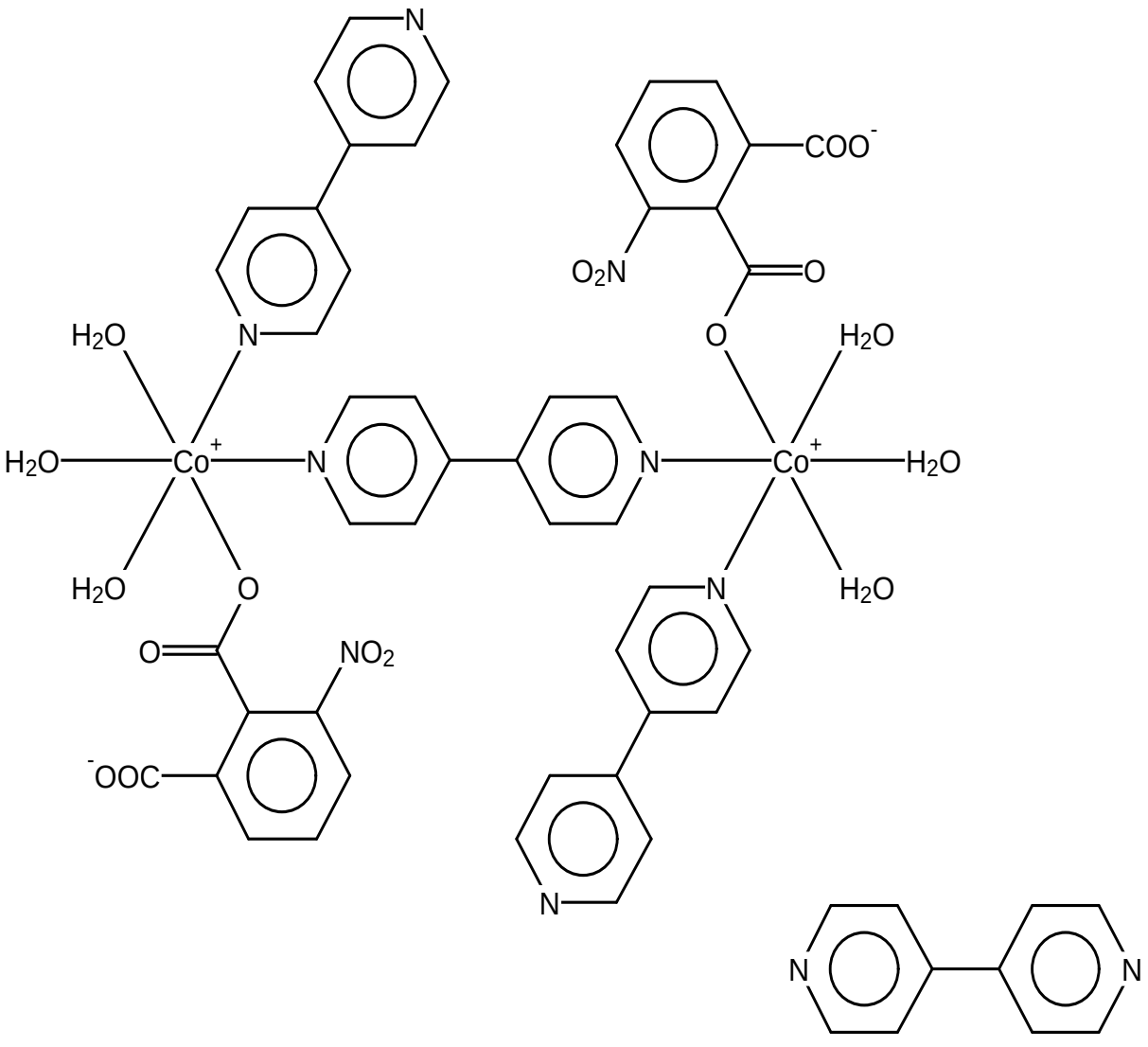
Reference: Hai-bin Qiao, Xiao-qing Shen, Hong-yun Zhang, Li-jie Yuan, Pei-kun Chen, Hong-yan Mao, Hong-wei Hou (2005) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,**35,**627

Formula: $C_{46}\ H_{42}\ Co_2\ N_8\ O_{18}$,$C_{10}\ H_8\ N_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-hexa-aqua-bis(4,4'-bipyridine-N)-bis(3-nitro-o-phthalato-O)-di-cobalt(ii) 4,4'-bipyridine

Space Group:	P-1	***Cell:***	***a***	10.479(2)	***b***	11.224(2)	***c***	12.836(3)
Space Group No.:	2	***(Å,°)***	α	79.89(3)	β	70.76(3)	γ	86.07(3)

R-Factor (%): 4.47 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.502



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2256

SENKAY

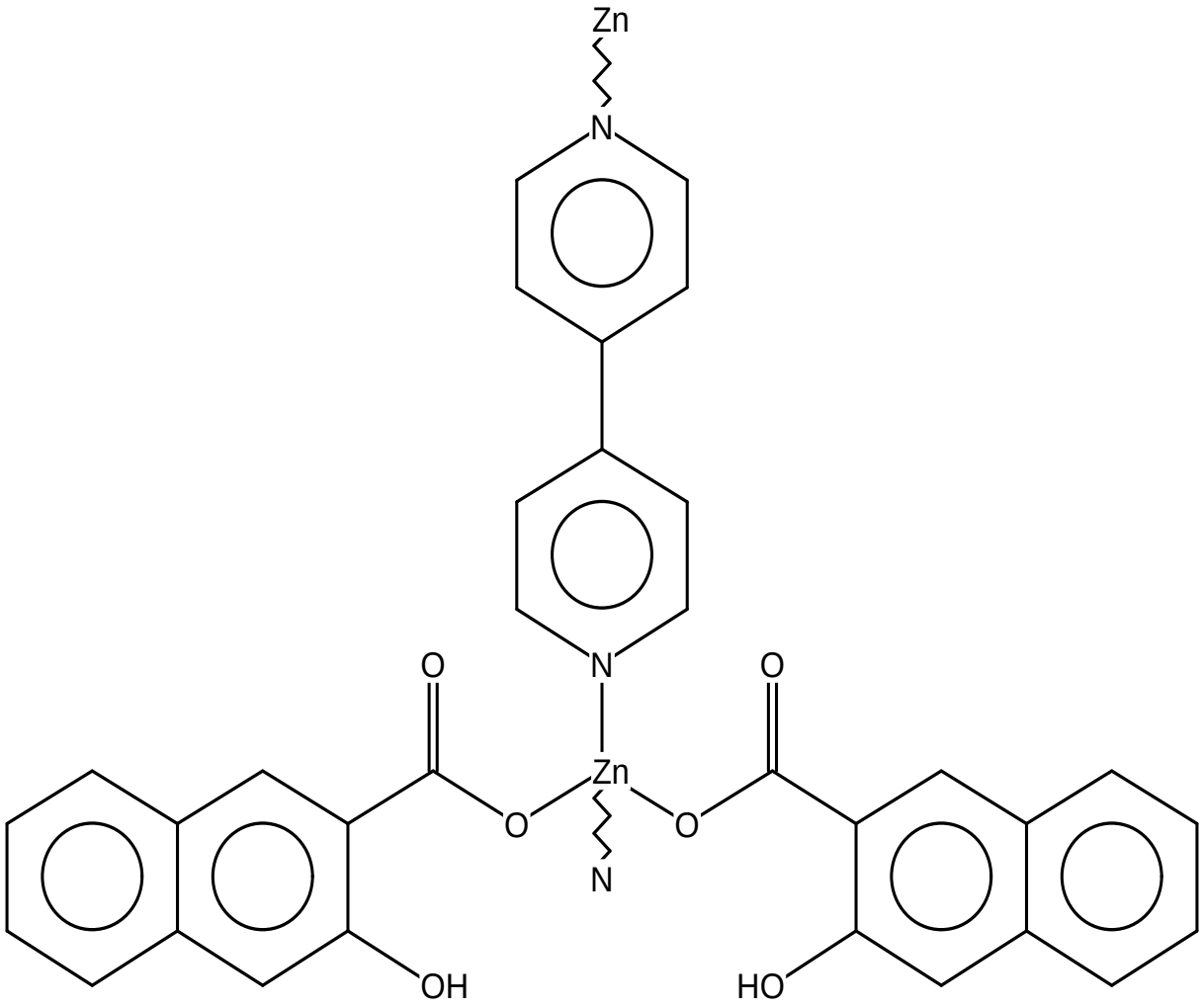
Reference: Ling-Yun Zhang, Xian-Zhong Sun (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m2238

Formula: $(C_{32}\ H_{22}\ N_2\ O_6\ Zn_1)n,0.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(3-hydroxynaphthalene-2-carboxylato)-zinc(ii) hemihydrate)

Space Group:	P21/c	***Cell:***	***a***	16.432(3)	***b*** 10.806(1)	***c***	16.627(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.10(0)	γ	90.00

R-Factor (%): 4.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.469



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2257

SENRAF

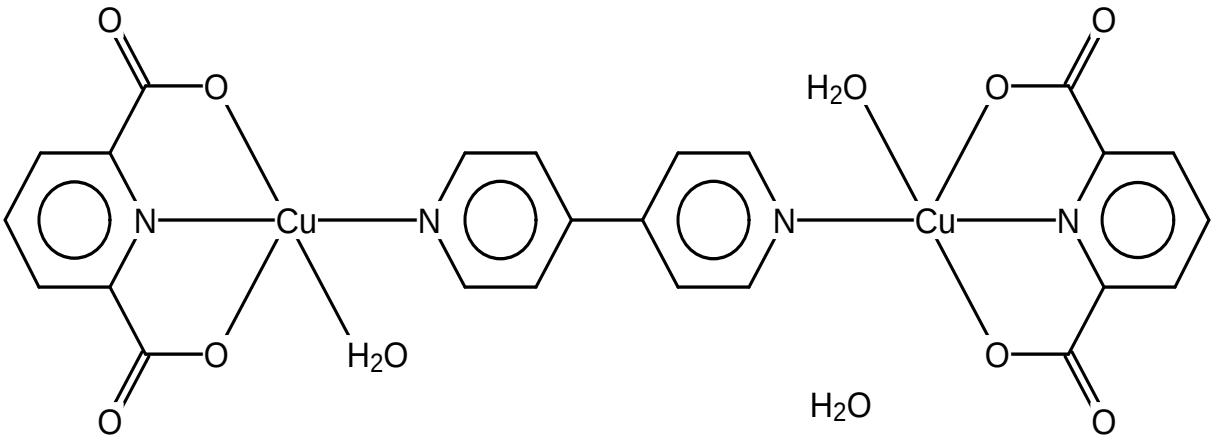
Reference: S.Kumaresan, P.Ramadevi (2005)
Indian J.Chem.,Sect.A:Inorg.,Bio-inorg.,Phys.,Theor.Anal.Chem. ,**44,** 299

Formula: $C_{24}\ H_{18}\ Cu_2\ N_4\ O_{10}$,2($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-diaqua-bis(pyridine-2,6-dicarboxylato-N,O,O')-di-copper(ii) dihydrate

Space Group:	P-1	***Cell:***	***a***	10.727(0)	***b*** 10.765(0)	***c***	18.702(1)
Space Group No.:	2	***(Å,°)***	α	86.85(0)	β 84.36(0)	γ	63.11(0)

R-Factor (%): 4.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.782



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2258

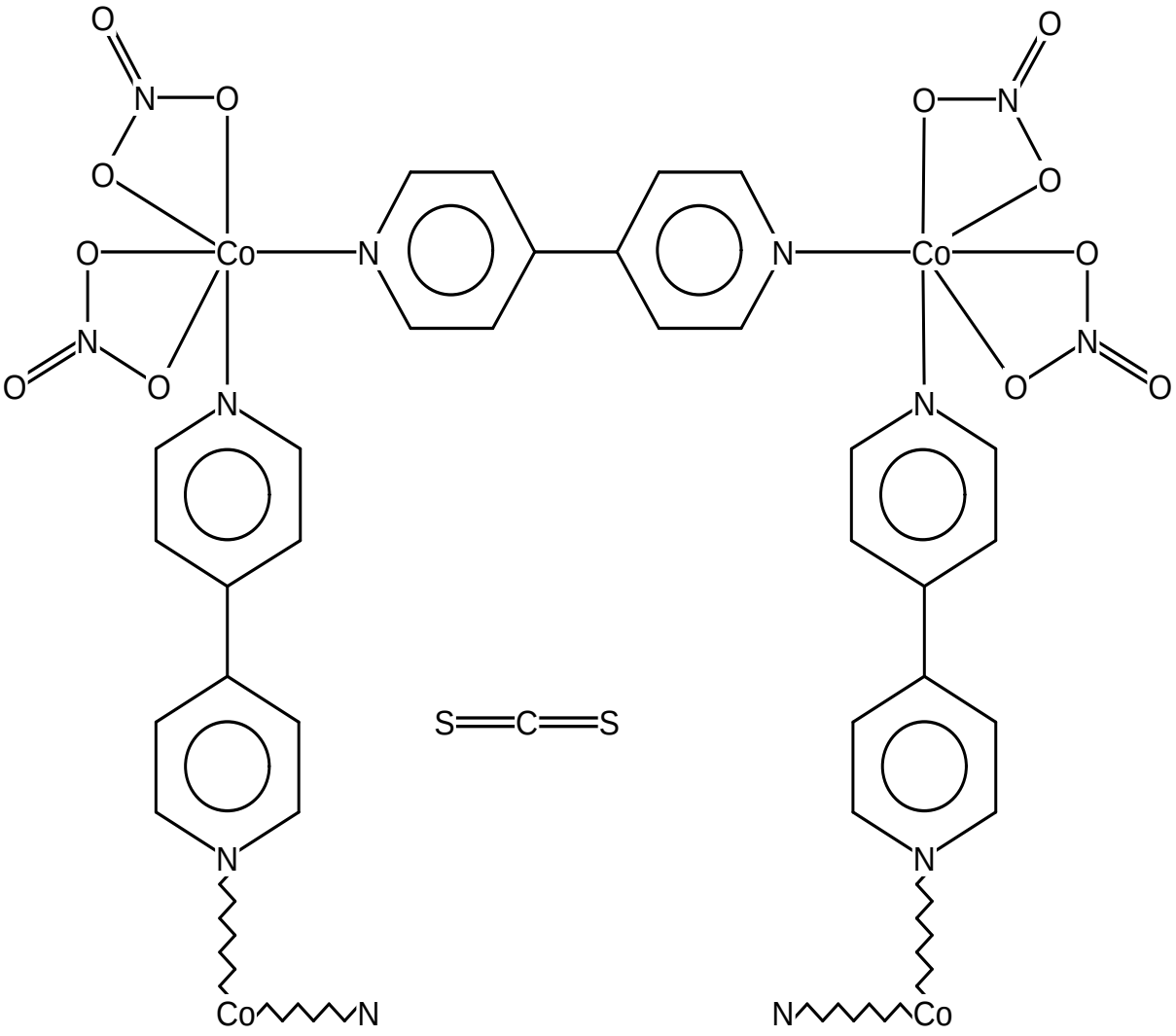
SEQMEG

Reference: K.N.Power, T.L.Hennigar, M.J.Zaworotko (1998)
New J.Chem. ,**22,**177

Formula: $(C_{30}\ H_{24}\ Co_2\ N_{10}\ O_{12})n,2n(C_1\ S_2)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-bis(bis(nitrato-O,O')-cobalt) carbon disulfide clathrate)

Space Group:	Ccca	***Cell:***	***a***	12.183(1)	***b***	19.108(1)	***c***	17.464(1)
Space Group No.:	68	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	4.40	***Temperature(K):***	295		***Density(g/cm^3):***	1.612		



Search: search1 (Thu May 26 10:05:42 2011): Hit 2259

SESRIS

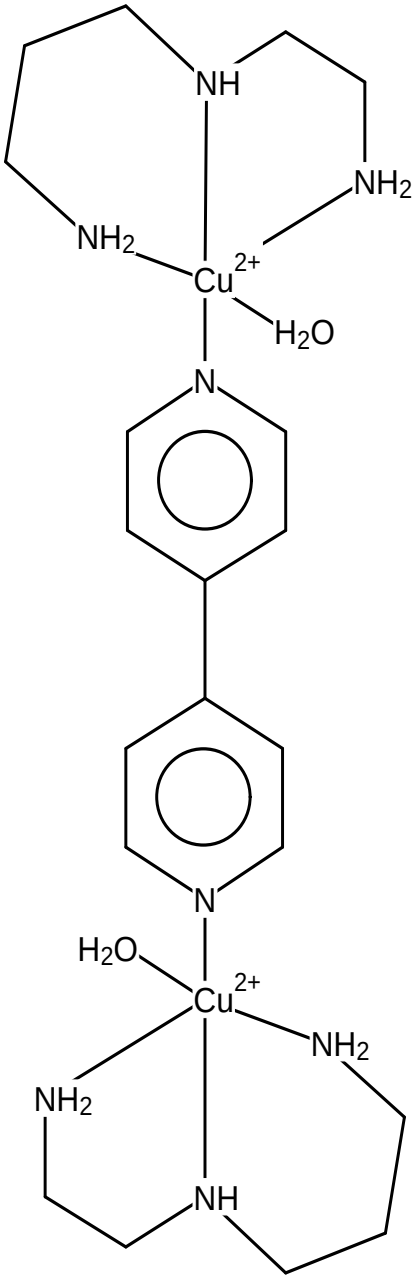
Reference: Zhen-Ming Zhang, Da-Qi Wang, Gao Jian, Shuan Li
(2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,**m3570

Formula: $C_{20}\ H_{42}\ Cu_2\ N_8\ O_2\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis((N-(2-aminoethyl)-1,3-propyldiamine-N,N',N'')-aqua-copper(ii)) tetraperchlorate

Space Group:	P21/n	***Cell:***	***a*** 7.657(0)	***b*** 17.218(2)	***c*** 14.443(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 98.36(0)	γ 90.00

R-Factor (%): 6.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.677



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2260

SETNAH

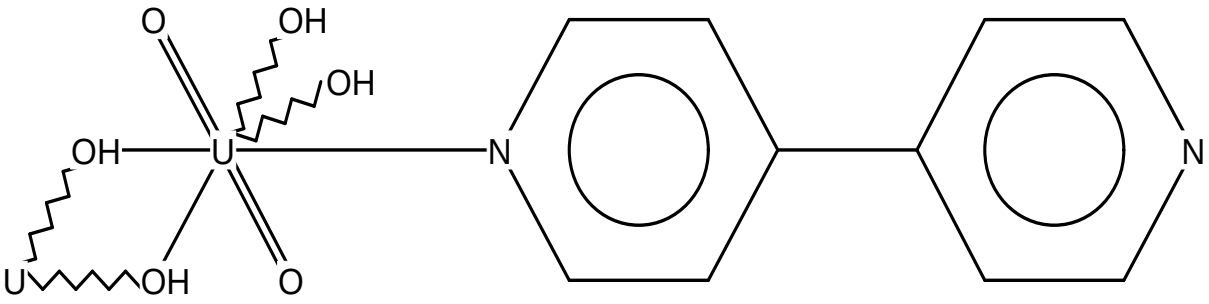
Reference: P.Thuery (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**63,**m54

Formula: $(C_{10}\ H_{10}\ N_2\ O_4\ U_1)n$

Compound Name: catena-(bis(μ_2-Hydroxo)-(4,4'-bipyridine-N)-dioxo-uranium(vi))

Space Group:	P212121	***Cell:***	***a***	7.396(0)	***b***	10.814(0)	***c*** 14.080(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.31 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 2.714



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2261

SETXIZ

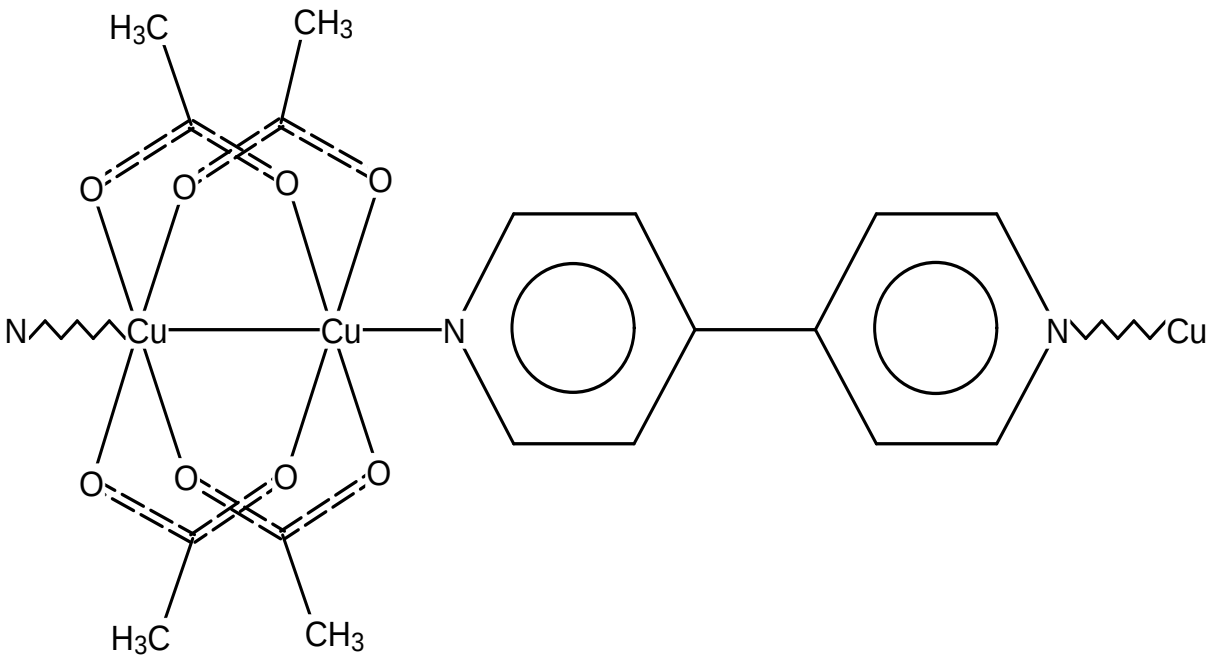
Reference: Yi-Hang Wen, Yin-Hua He, Yun-Long Feng, S.W.Ng
(2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**29

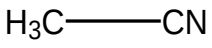
Formula: $(C_{18}\ H_{20}\ Cu_2\ N_2\ O_8)n,n(C_2\ H_3\ N_1)$

Compound Name: catena-(tetrakis(μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridine)-di-copper(ii) acetonitrile solvate)

Space Group:	Cc	***Cell:***	***a***	22.626(6)	***b*** 14.012(4)	***c***	15.106(4)
Space Group No.:	9	***(Å,°)***	α	90.00	β 107.61(0)	γ	90.00

R-Factor (%):	4.20	***Temperature(K):***	295	***Density(g/cm^3):***	1.631





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2262

SEVTAP

Reference: Ying-Hong Liu, Gui-Ling Guo (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m604

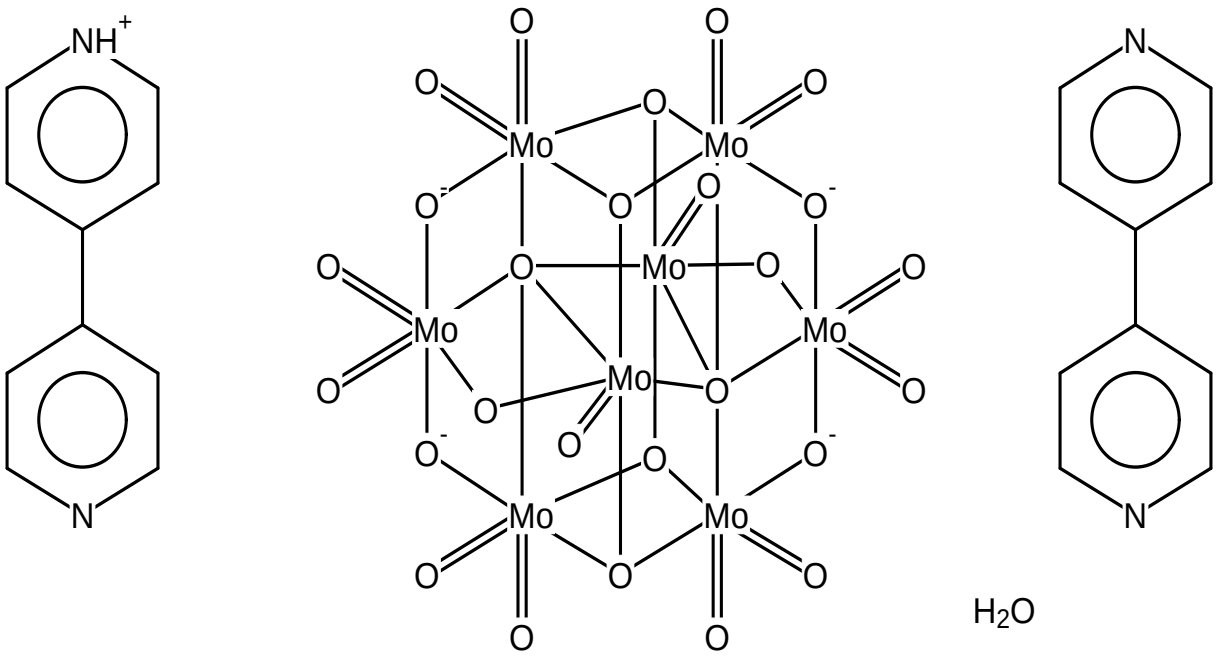
Formula: $4(C_{10}H_9N_2^{1+}),Mo_8O_{26}^{4-},C_{10}H_8N_2,1.5(H_2O_1)$

Compound Name: tetrakis(4,4'-Bipyridinium) bis(μ_5-oxo)-tetrakis(μ_3-oxo)-hexakis(μ_2-oxo) -tetradecaoxo-octa-molybdenum(vi) 4,4'-bipyridine solvate sesquihydrate

Synonym: tetrakis(4,4'-Bipyridinium) β-octamolybdate 4,4'-bipyridine solvate sesquihydrate

Space Group:	P-1	***Cell:***	***a***	10.229(1)	***b***	17.016(3)	***c*** 18.874(3)
Space Group No.:	2	***(Å,°)***	α	86.30(0)	β	78.08(0)	γ 72.52(0)

R-Factor (%): 4.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.162



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2263

SEVTOD

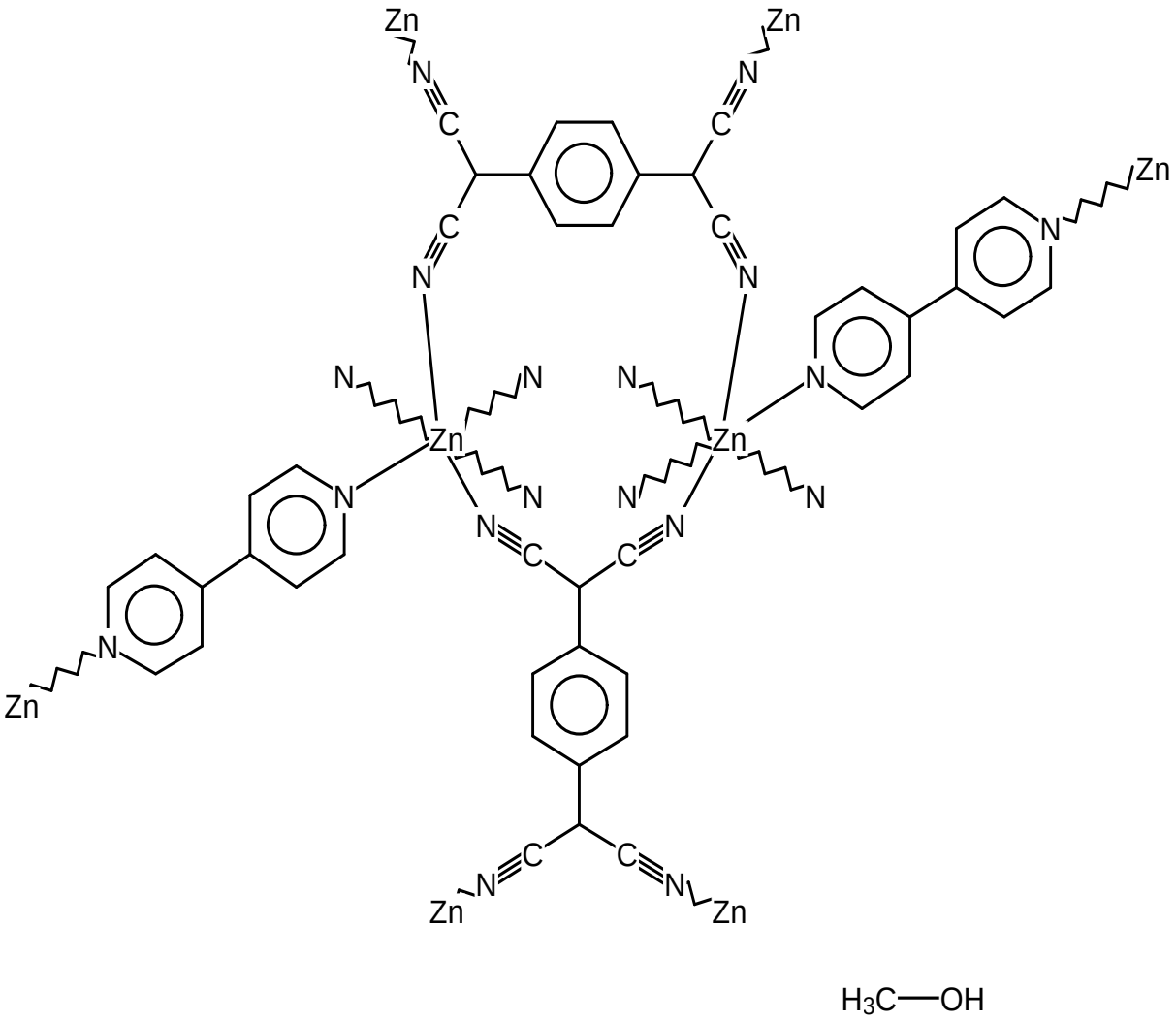
Reference: S.Shimomura, R.Matsuda, T.Tsujino, T.Kawamura, S.Kitagawa (2006) *J.Am.Chem.Soc. ,***128,**16416

Formula: $(C_{44}\ H_{24}\ N_{12}\ Zn_2)n,12n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_4-7,7,8,8-Tetracyano-p-quinodimethane-N,N',N'',N''')-bis(μ_2-4,4'-bipyridine-N,N')-di-zinc methanol clathrate)

Space Group:	P4/ncc	***Cell:***	***a***	17.355(1)	***b***	17.355(1)	***c***	22.740(2)
Space Group No.:	130	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.40 ***Temperature(K):*** 213 ***Density(g/cm^3):*** 1.199


Zn
N
C
Zn
N
C
Zn
N
C

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2264

SEVTUJ

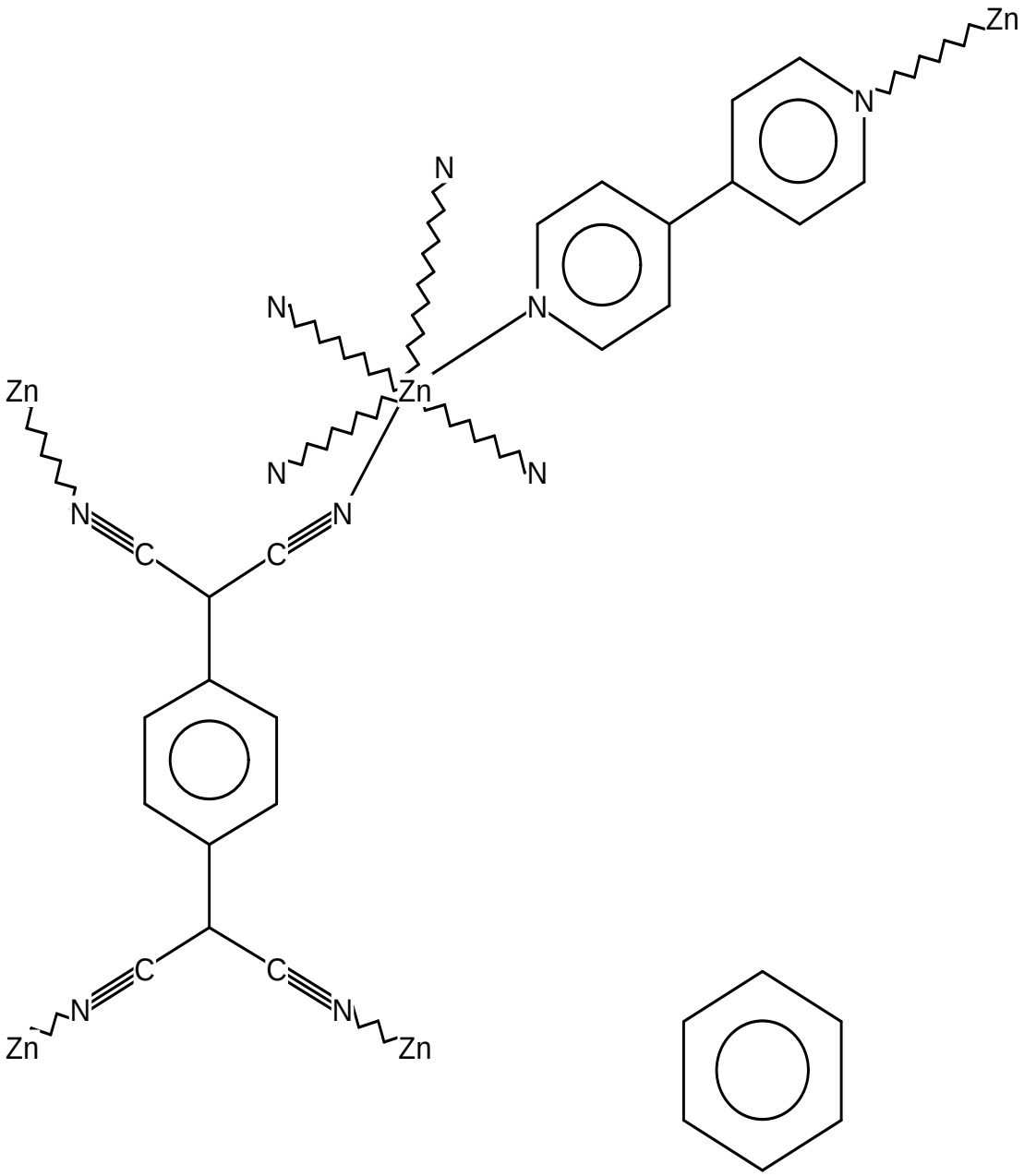
Reference: S.Shimomura, R.Matsuda, T.Tsujino, T.Kawamura, S.Kitagawa (2006) *J.Am.Chem.Soc. ,***128,**16416

Formula: $(C_{22}\ H_{12}\ N_6\ Zn_1)n,2n(C_6\ H_6)$

Compound Name: catena-(μ_4-7,7,8,8-Tetracyanoquinodimethane-N,N',N'',N''')-(μ_2-4,4'-bipyridine-N,N')-zinc benzene clathrate)

Space Group:	I4/mcm	***Cell:***	***a***	12.384(2)	***b***	12.384(2)	***c***	22.765(3)
Space Group No.:	140	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.40 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.107



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2265

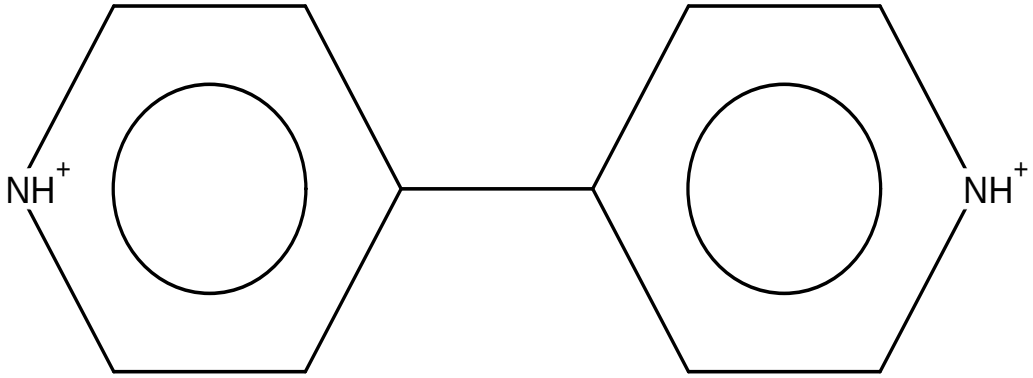
SEWDAA

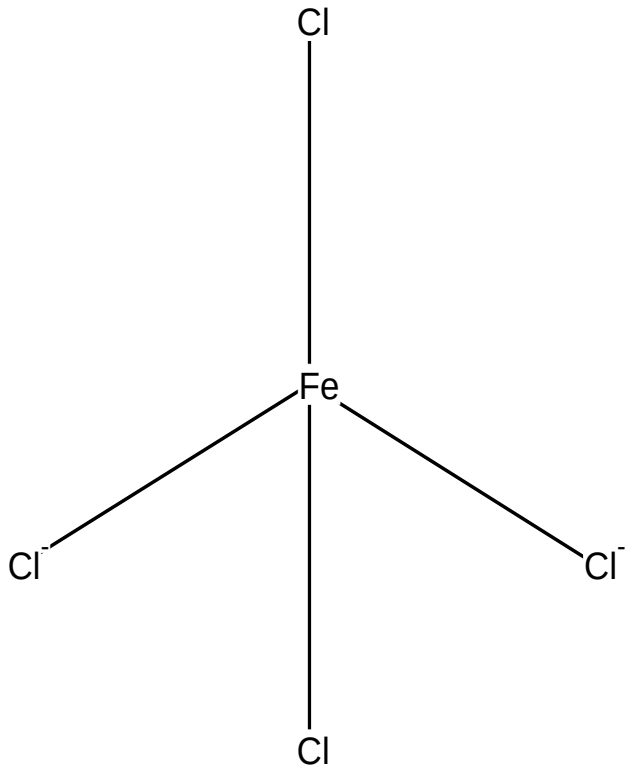
Reference: C.J.Adams, H.M.Colquhoun, P.C.Crawford, M.Lusi, A.G.Orpen (2007) *Angew.Chem.,Int.Ed. ,***46,**1124

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Fe_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-iron(ii)

Space Group:	P21/c	***Cell:***	***a***	7.680(1)	***b*** 19.842(4)	***c***	9.382(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.81(3)	γ	90.00
R-Factor (%):	4.26	***Temperature(K):***	100		***Density(g/cm^3):***		1.747





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2266

SEYNAM

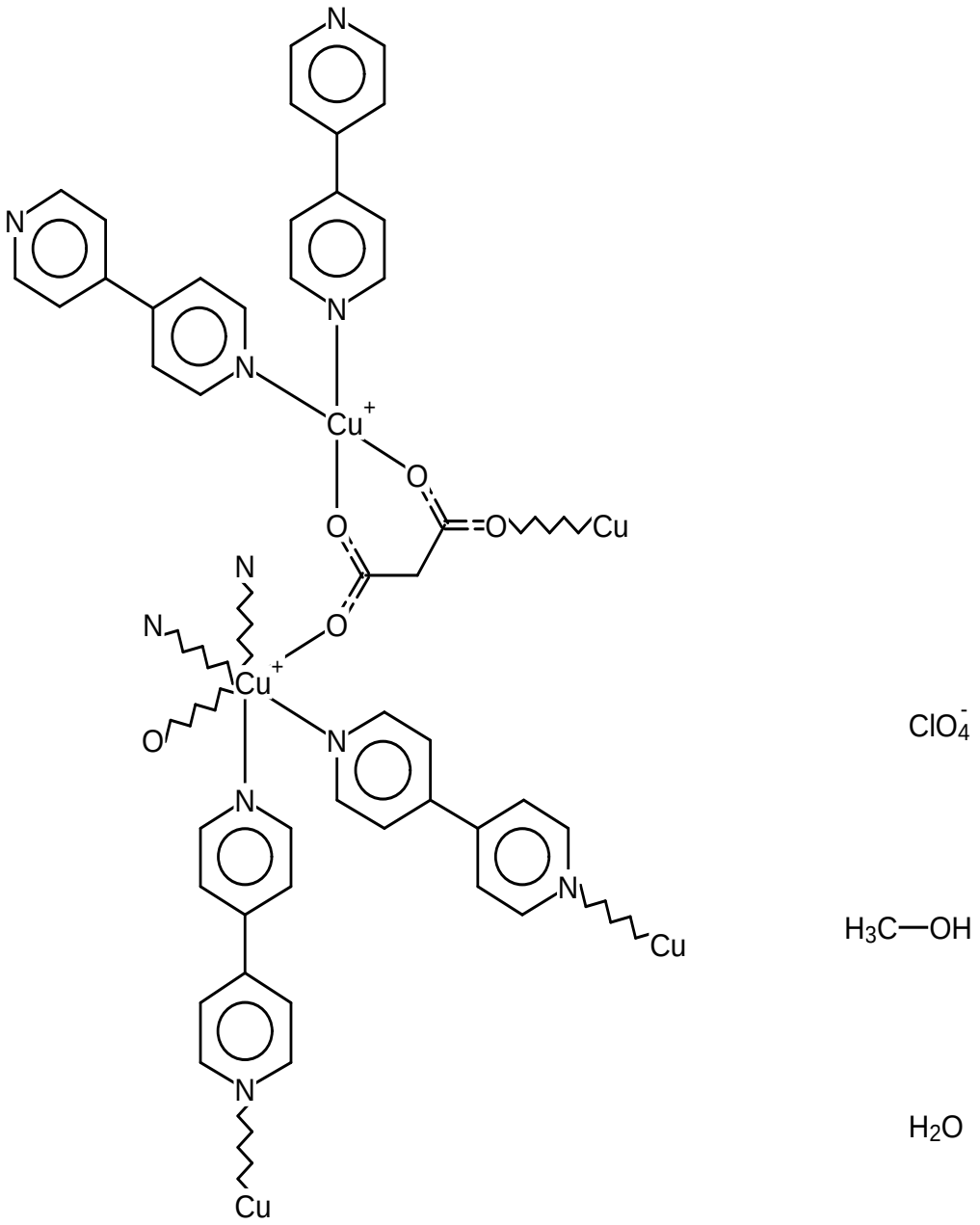
Reference: Xu-Da Wang, Mao Liang, Li-Cun Li, Zong-Hui Jiang, Dai-Zheng Liao, Shi-Ping Yan, Peng Cheng (2007) *Struct.Chem. ,***18,**5

Formula: $(C_{43}\ H_{34}\ Cu_2\ N_8\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(C_1\ H_4\ O_1),4n(H_2\ O_1)$

Compound Name: catena-((μ3-Malonato)-bis(μ2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-di-copper(ii) diperchlorate methanol solvate tetrahydrate)

Space Group:	P43	***Cell:***	***a***	11.237(1)	***b***	11.237(1)	***c***	37.096(6)
Space Group No.:	78	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.60 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.640



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2267

SEZKEO

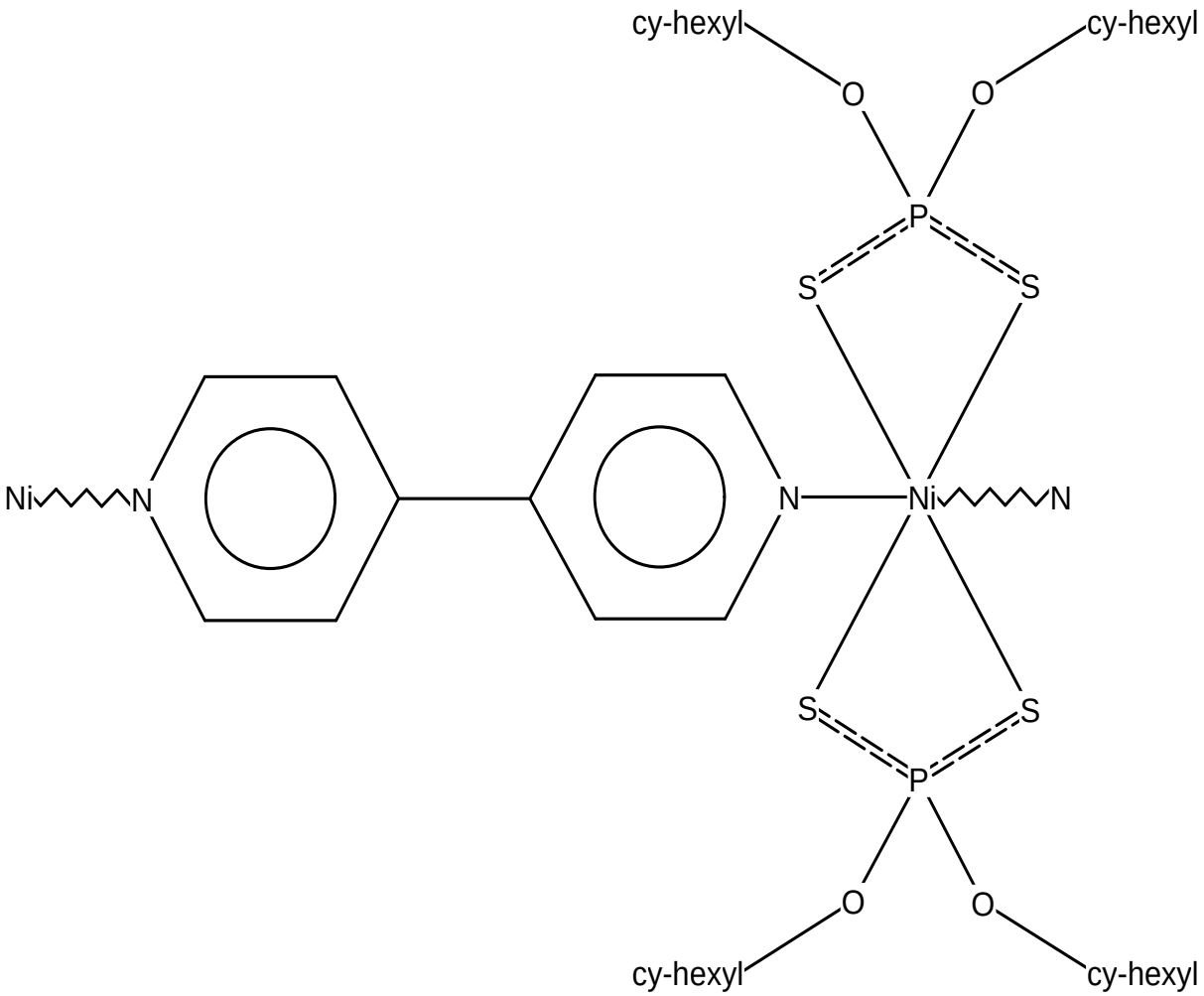
Reference: E.Berdugo, E.R.T.Tiekink, J.L.Wardell, S.M.S.V.Wardell (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,**m764

Formula: $(C_{34}\ H_{52}\ N_2\ Ni_1\ O_4\ P_2\ S_4)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-bis(O,O'-dicyclohexyl dithiophosphato-S,S')-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	30.709(2)	***b*** 11.428(0)	***c***	11.521(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.01(0)	γ	90.00

R-Factor (%): 6.00 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.385



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2268

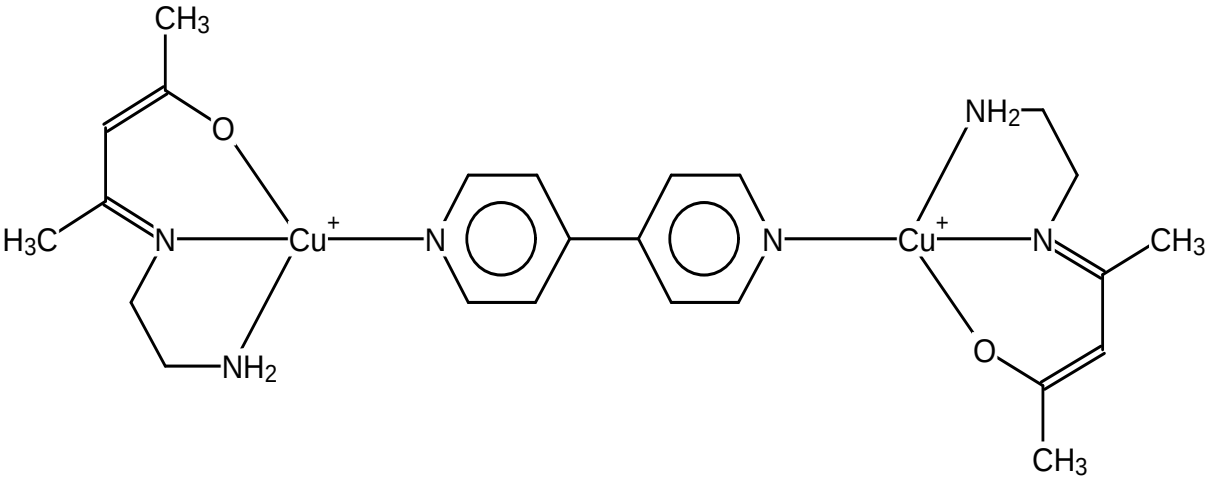
SIJCOE

Reference: C.Biswas, S.Chattopadhyay, M.G.B.Drew, A.Ghosh (2007) *Polyhedron* ,**26,**4411

Formula: $C_{24}\ H_{34}\ Cu_2\ N_6\ O_2\ ^{2+},2(B_1\ F_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(7-amino-4-methyl-5-aza-hepta-2,4-dien-2-olato)-di-copper(ii) bis(tetrafluoroborate)

Space Group:	P21/n	***Cell:***	***a***	8.345(0)	***b***	10.178(0)	***c*** 17.519(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.24(0)	γ 90.00
R-Factor (%):	3.24	***Temperature(K):***	150		***Density(g/cm^3):***		1.657



BF_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2269

SIJCUK

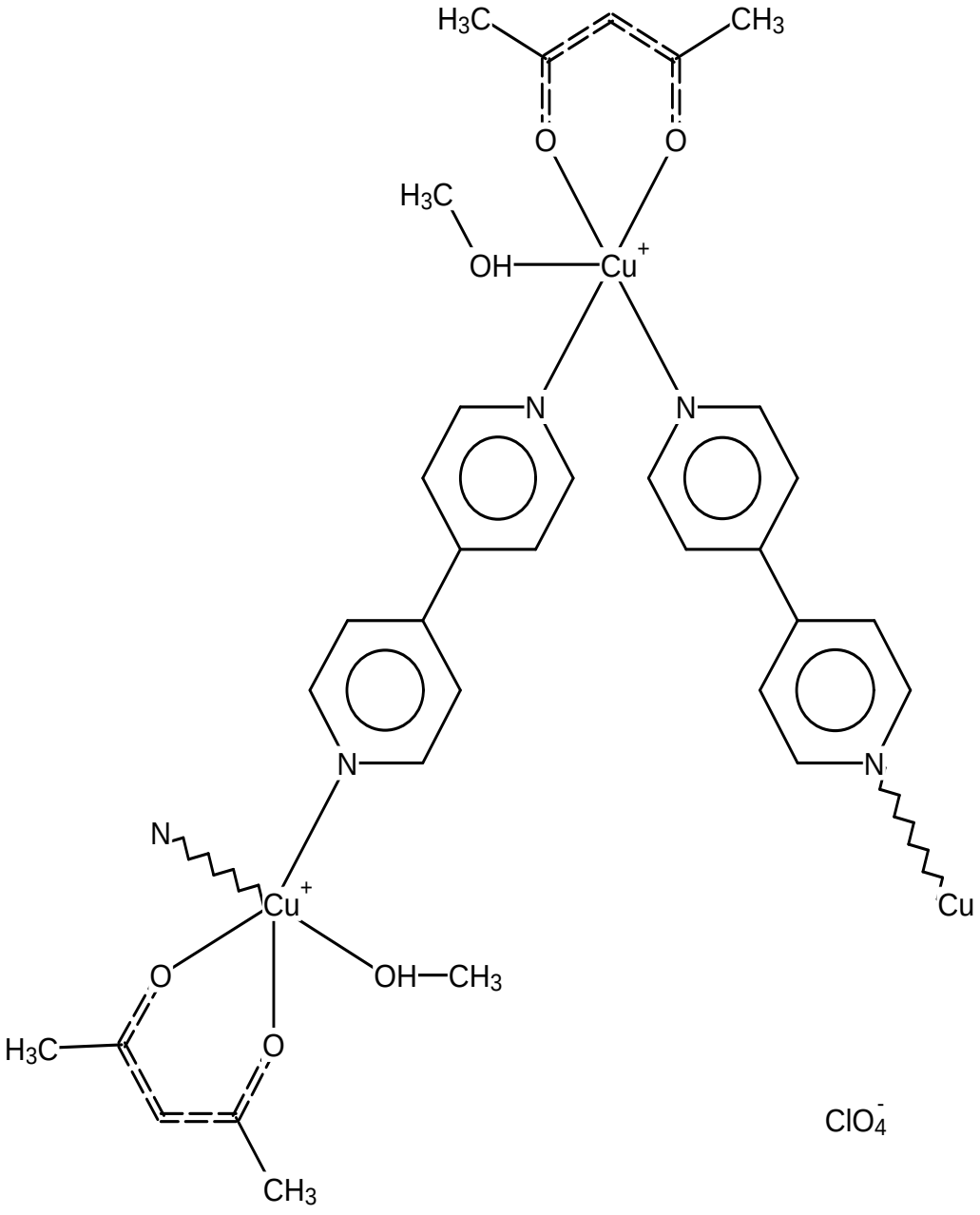
Reference: C.Biswas, S.Chattopadhyay, M.G.B.Drew, A.Ghosh (2007) *Polyhedron* ,**26,**4411

Formula: $(C_{32}\ H_{38}\ Cu_2\ N_4\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-bis(acetylacetonato)-dimethanol-di-copper(ii) diperchlorate)

Space Group:	P-1	***Cell:***	***a***	8.580(1)	***b***	9.008(1)	***c***	12.325(1)
Space Group No.:	2	***(Å,°)***	α	83.53(1)	β	75.27(1)	γ	79.47(1)

R-Factor (%): 6.21 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.655



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2270

SIJJOL

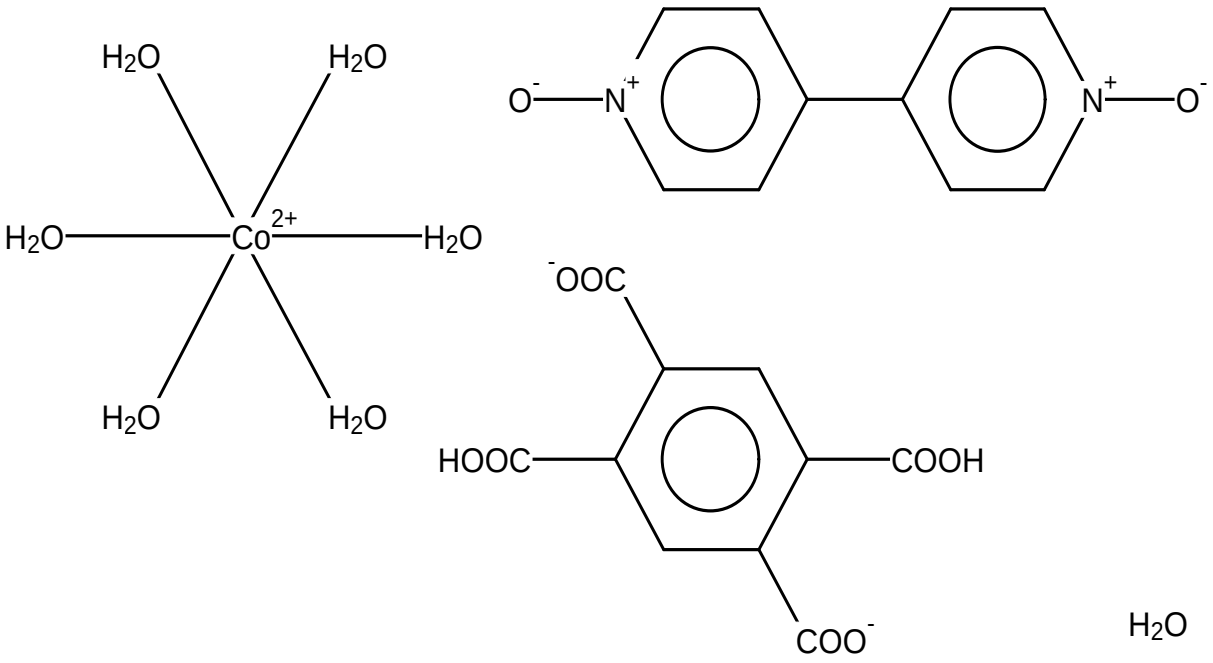
Reference: O.Fabelo, J.Pasan, F.Lloret, M.Julve, C.Ruiz-Perez (2007) *CrystEngComm* ,**9,**815

Formula: $H_{12}\ Co_1\ O_6\ ^{2+},C_{10}\ H_4\ O_8\ ^{2-},C_{10}\ H_8\ N_2\ O_2,4(H_2\ O_1)$

Compound Name: hexa-aqua-cobalt(ii) 2,5-dicarboxyterephthalate 4,4'-bipyridine 1,1'-dioxide tetrahydrate

Space Group:	P-1	***Cell:***	***a***	7.443(1)	***b*** 14.654(2)	***c***	14.796(3)
Space Group No.:	2	***(Å,°)***	α	114.31(1)	β 102.45(1)	γ	95.86(1)

R-Factor (%): 6.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.609



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2271

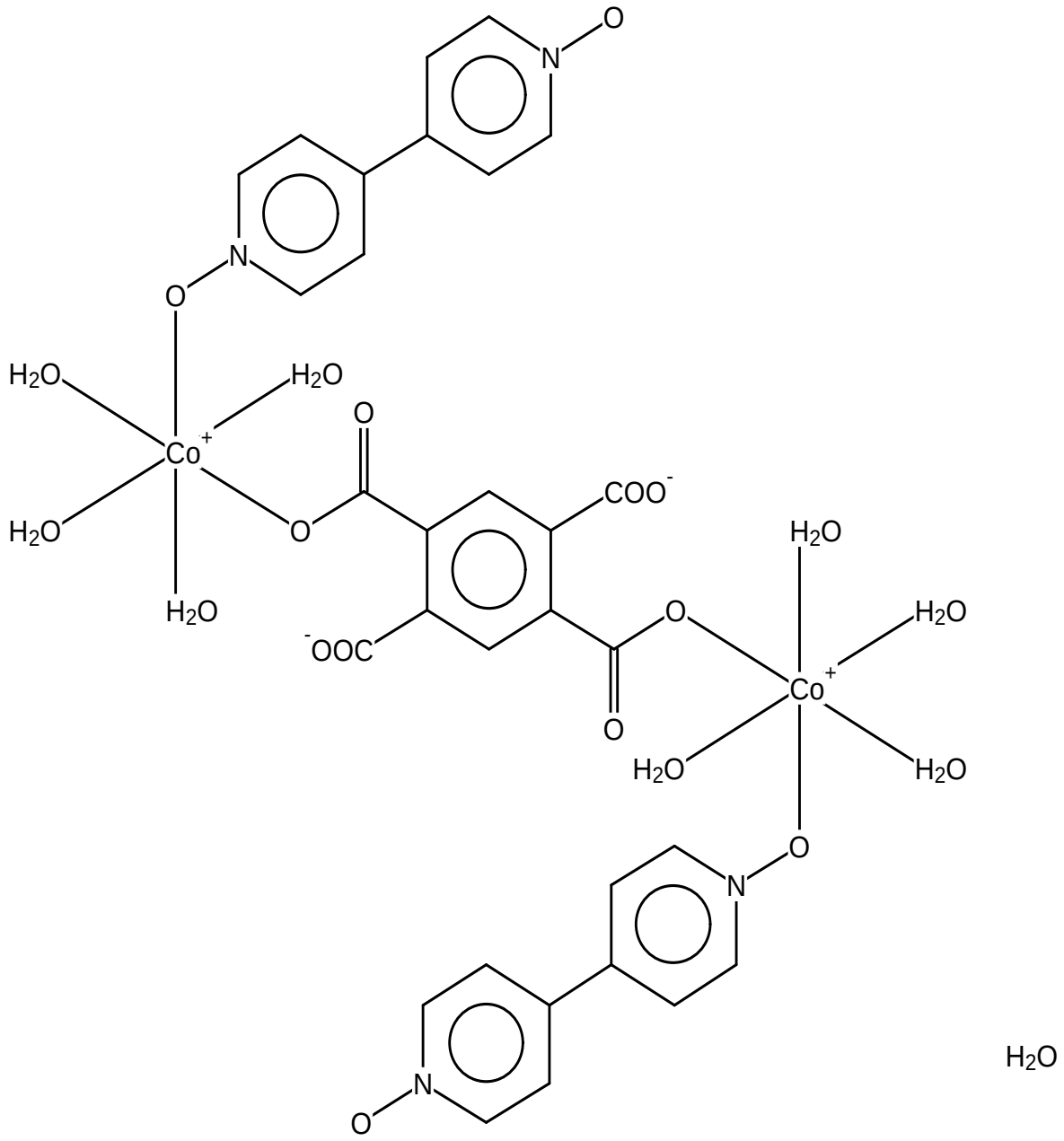
SIJJUR

Reference: O.Fabelo, J.Pasan, F.Lloret, M.Julve, C.Ruiz-Perez (2007) *CrystEngComm* ,**9,**815

Formula: $C_{30}\ H_{34}\ Co_2\ N_4\ O_{20}$,4($H_2\ O_1$)

Compound Name: (μ_2-benzene-1,2,4,5-tetracarboxylato)-octa-aqua-bis(4,4'-bipyridine 1,1'-dioxide)-di-cobalt(ii) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	8.412(1)	***b***	8.530(0)	***c***	13.321(3)
Space Group No.:	2	***(Å,°)***	α	85.33(1)	β	76.03(1)	γ	80.49(1)
R-Factor (%):	3.68	***Temperature(K):***	293		***Density(g/cm^3):***		1.745	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2272

SIJKAY

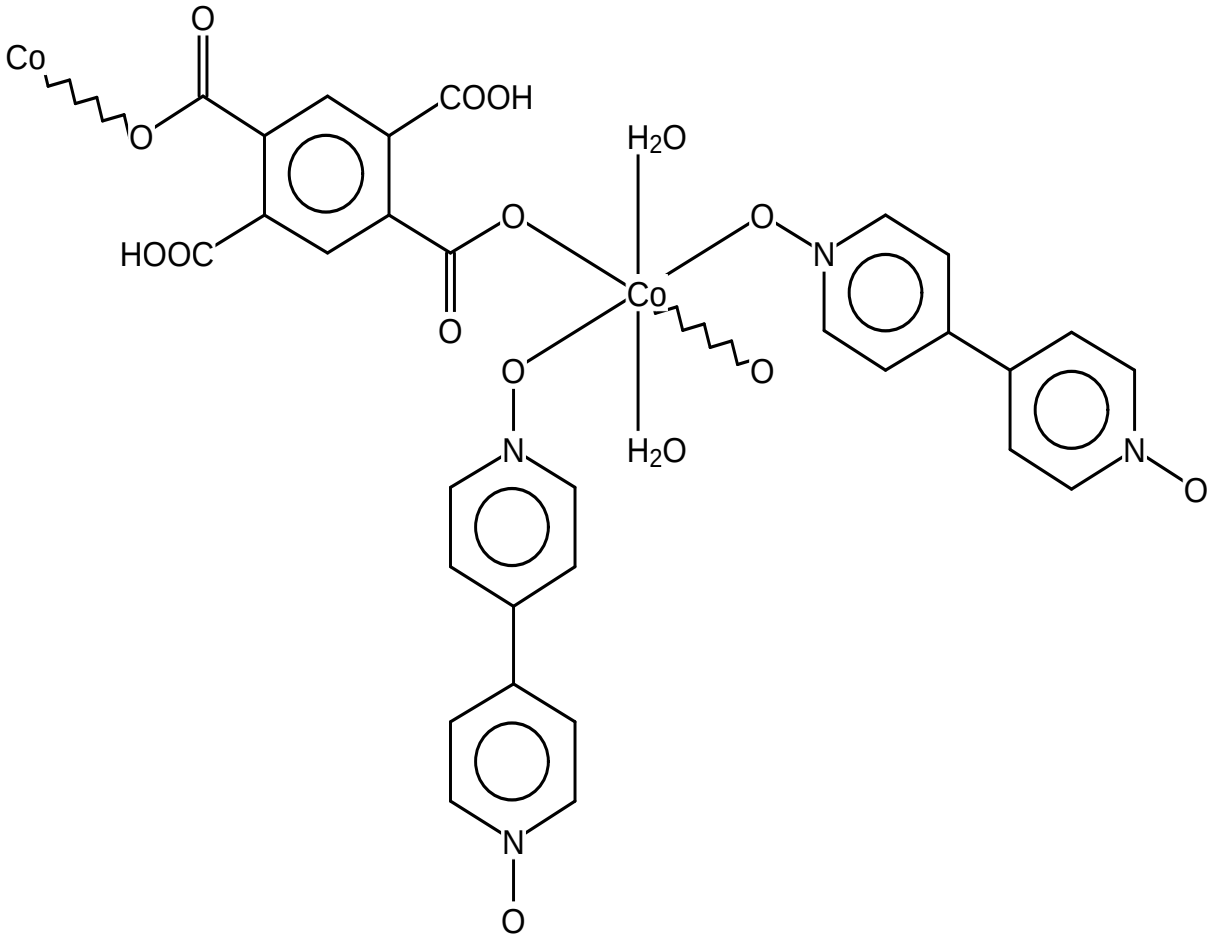
Reference: O.Fabelo, J.Pasan, F.Lloret, M.Julve, C.Ruiz-Perez (2007) *CrystEngComm* ,**9,**815

Formula: $(C_{30}\ H_{24}\ Co_1\ N_4\ O_{14})n$

Compound Name: catena-((μ_2-2,5-dicarboxyterephthalato)-diaqua-bis(4,4'-bipyridine 1,1'-dioxide)-cobalt(ii))

Space Group:	P-1	***Cell:***	***a***	7.652(0)	***b***	9.522(1)	***c*** 10.763(0)
Space Group No.:	2	***(Å,°)***	α	112.02(0)	β	92.83(0)	γ 100.95(0)

R-Factor (%): 2.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.698



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2273

SIJKEC

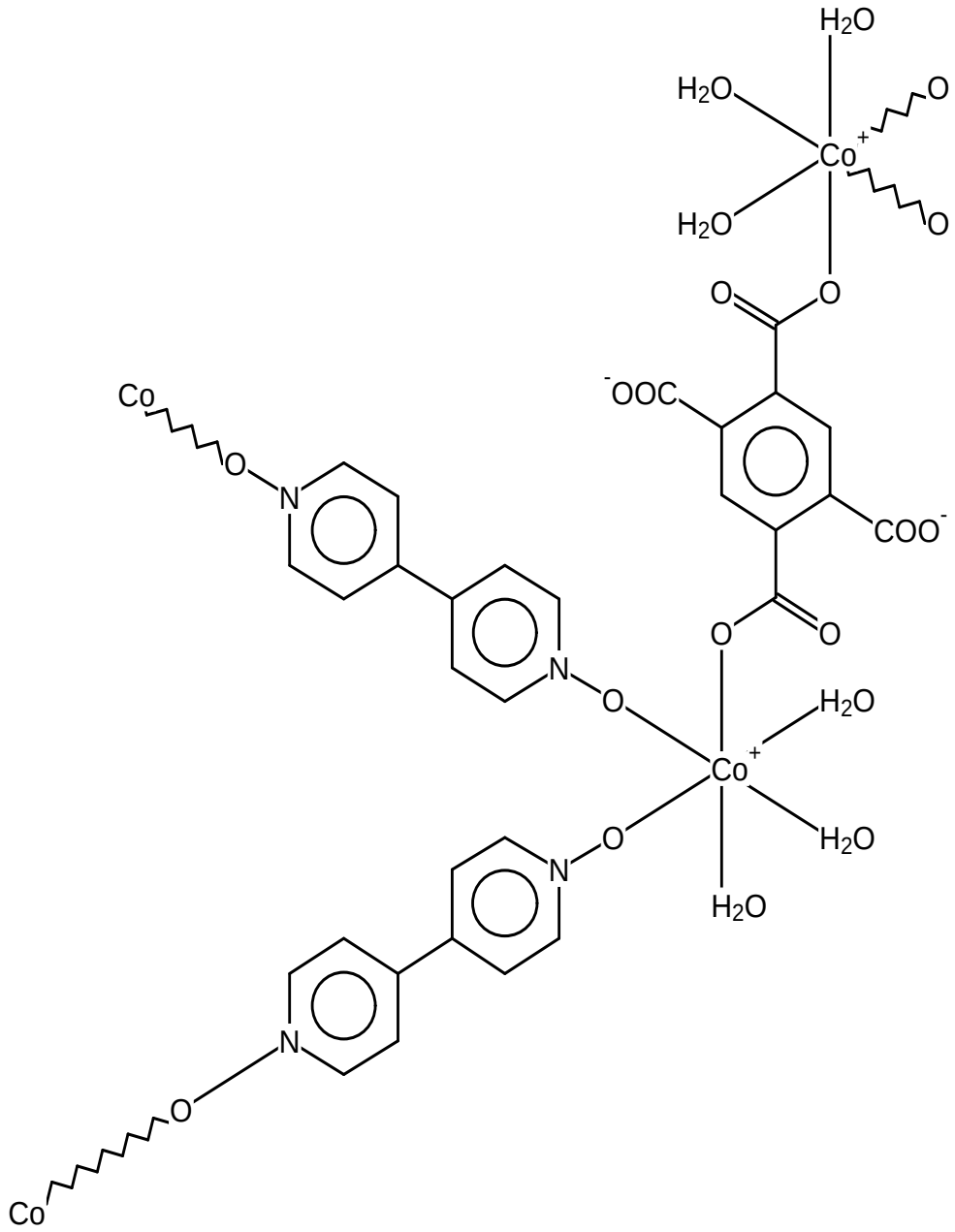
Reference: O.Fabelo, J.Pasan, F.Lloret, M.Julve, C.Ruiz-Perez (2007) *CrystEngComm* ,**9,**815

Formula: $(C_{30}\ H_{30}\ Co_2\ N_4\ O_{18})n$

Compound Name: catena-((μ_2-benzene-1,2,4,5-tetracarboxylato)-bis(μ_2-4,4'-bipyridine 1, 1'-dioxide)-hexa-aqua-di-cobalt(ii))

Space Group:	P21/c	***Cell:***	***a*** 10.928(0)	***b*** 11.193(0)	***c*** 12.719(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 97.01(0)	γ 90.00

R-Factor (%): 5.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.834



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2274

SIJKIG

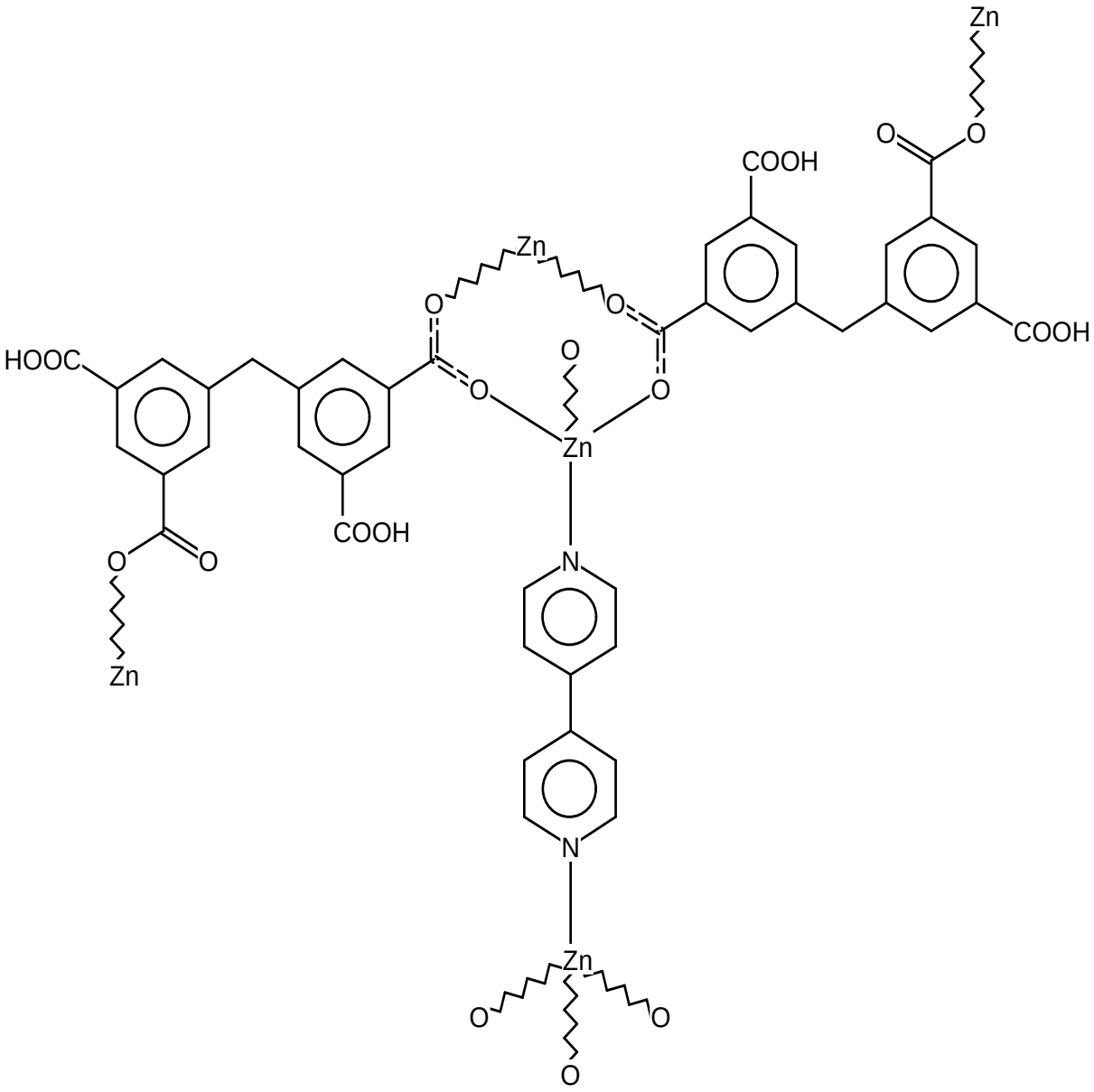
Reference: Xianying Duan, Yizhi Li, Yang Su, Shuangquan Zang, Chengjian Zhu, Qingjin Meng (2007) *CrystEngComm* ,**9,**758

Formula: $(C_{44}\ H_{28}\ N_2\ O_{16}\ Zn_2)n$

Compound Name: catena-(bis(μ_3-dihydrogen 5,5'-methylenedi-isophthalato)-(μ_2-4,4'-bipyridine)-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a*** 8.268(1)	***b*** 11.014(2)	***c*** 11.281(2)
Space Group No.:	2	***(Å,°)***	α 77.08(0)	β 84.15(0)	γ 70.74(0)

R-Factor (%): 3.96 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.707



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2275

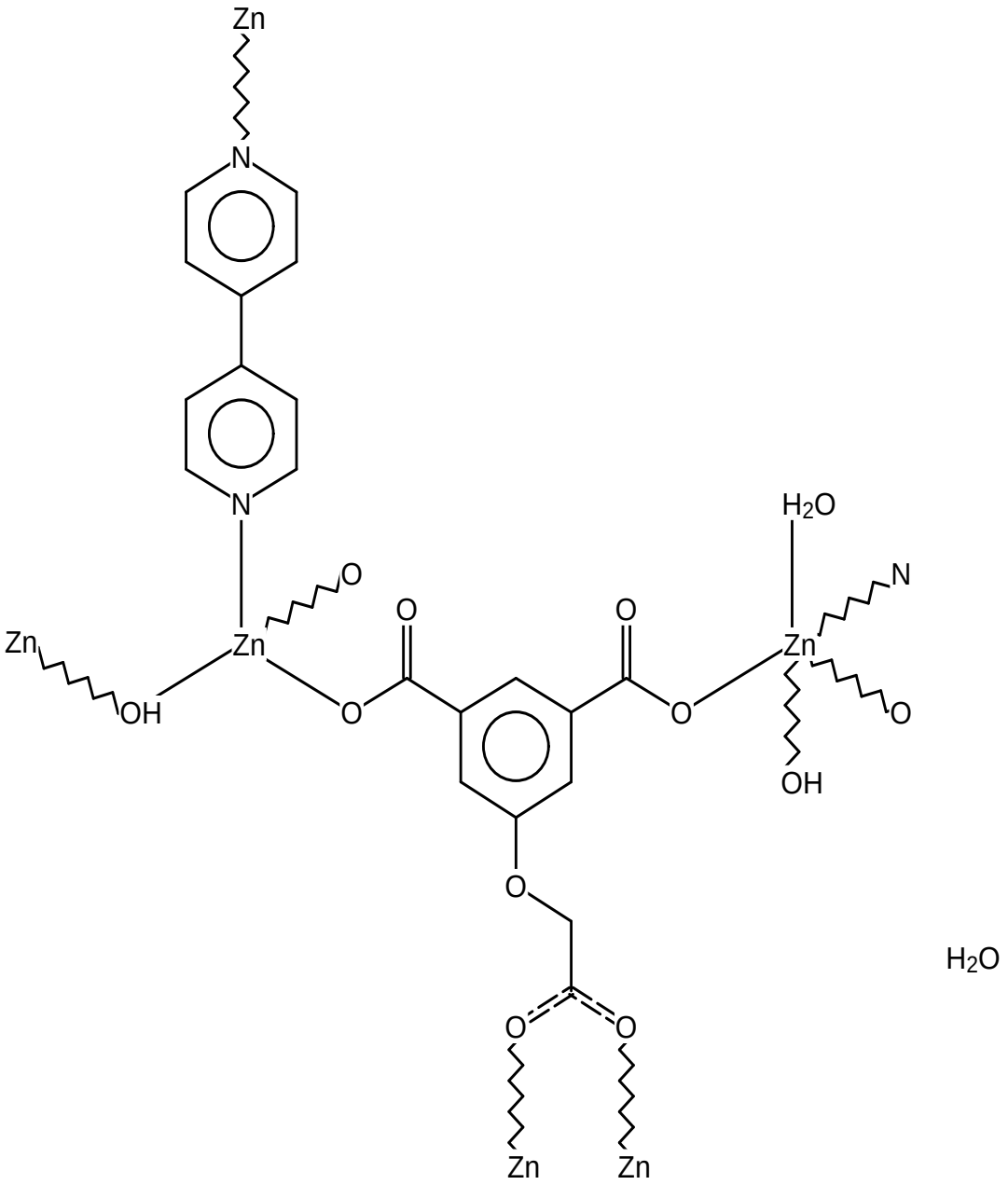
SIJLIH

Reference: Xin-Yi Cao, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Yuan-Gen Yao (2007) *CrystEngComm* ,**9,**806

Formula: $(C_{20}\ H_{16}\ N_2\ O_9\ Zn_2)n,1.33n(H_2\ O_1)$

Compound Name: catena-((μ_4-5-oxyacetateisophthalato)-(μ_2-4,4'-bipyridine)-(μ_2-hydroxo)-aqua-di-zinc(ii) hydrate)

Space Group:	P21/c	***Cell:***	***a*** 13.017(2)	***b*** 12.495(1)	***c*** 14.208(2)
Space Group No.:	14	***(Å,°)***	α 90.00	β 108.62(0)	γ 90.00
R-Factor (%):	5.13	***Temperature(K):***	293	***Density(g/cm^3):***	1.768



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2276

SIJLON

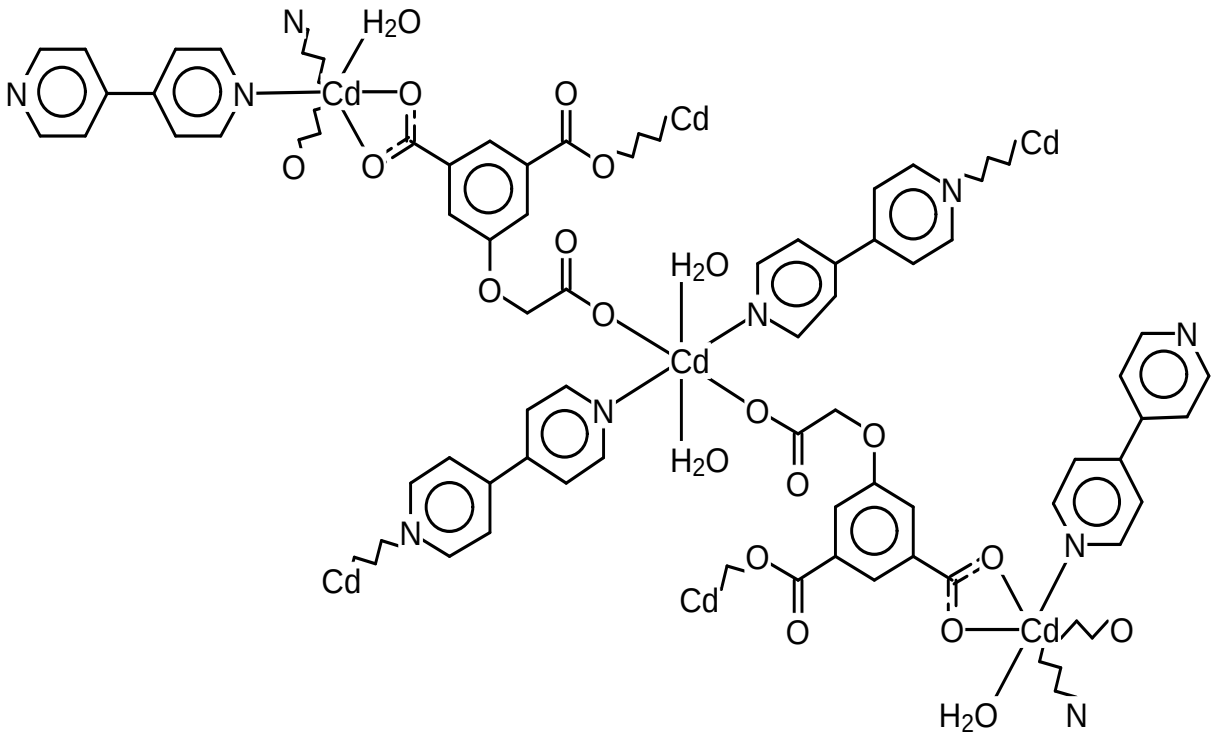
Reference: Xin-Yi Cao, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Yuan-Gen Yao (2007) *CrystEngComm* ,**9,**806

Formula: $(C_{60}\ H_{50}\ Cd_3\ N_8\ O_{18})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-oxyacetateisophthalato)-bis(μ_2-4,4'-bipyridine)-tetra-aqua-bis(4,4'-bipyridine)-tri-cadmium(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	8.395(0)	***b*** 10.221(0)	***c***	18.352(1)
Space Group No.:	2	***(Å,°)***	α	104.24(0)	β 101.50(0)	γ	92.68(0)

R-Factor (%): 10.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.723



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2277

SIKSAH

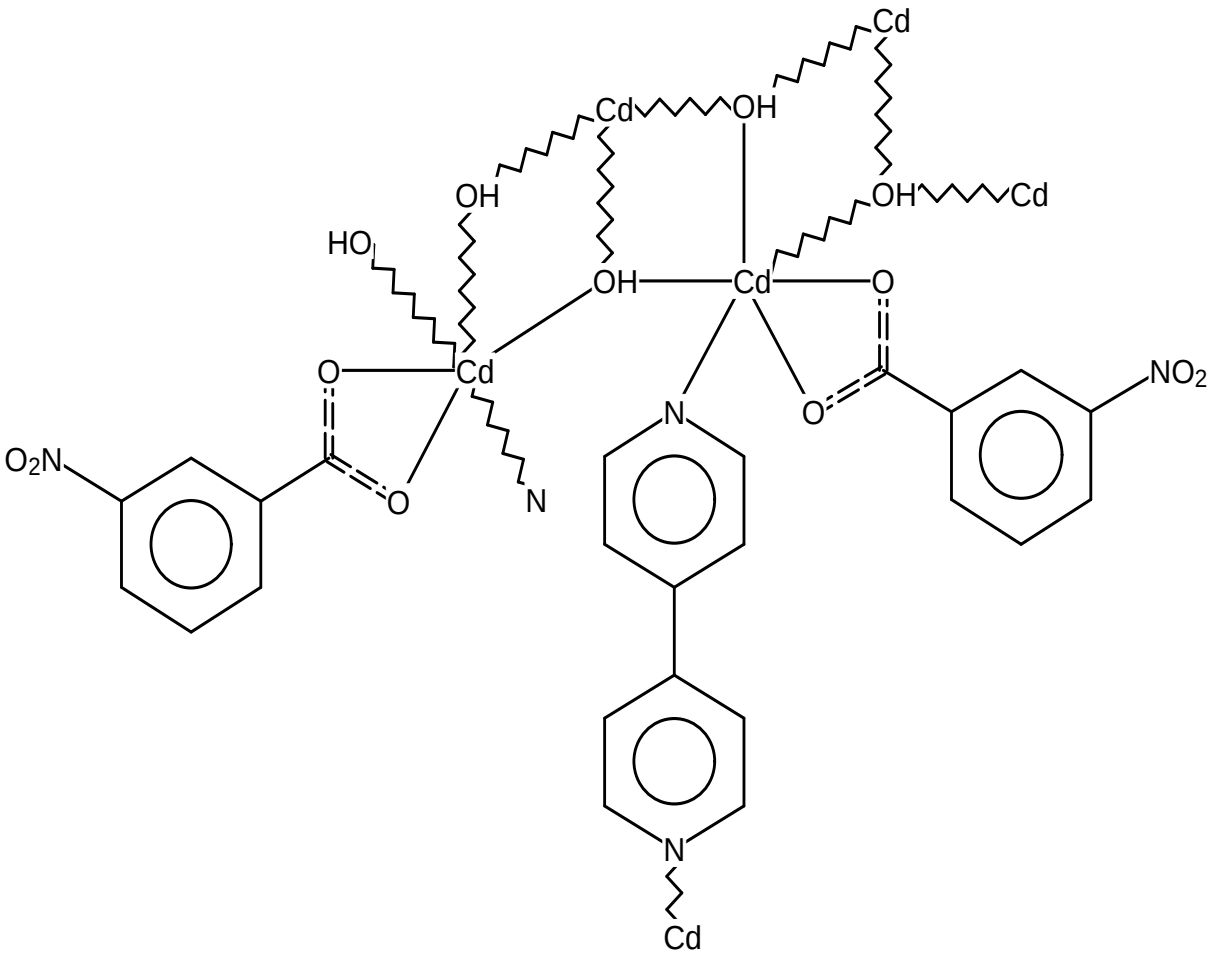
Reference: Yi-Cheng Shen, Jian Zhang, Zhao-Ji Li, Lei Zhang, Pei-Xiu Yin, Yuan-Gen Yao (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**917

Formula: $(C_{24}\ H_{18}\ Cd_2\ N_4\ O_{10})n$

Compound Name: catena-[bis(μ_3-Hydroxo)-(μ_2-4,4'-bipyridyl)-bis(3-nitrobenzoato)-di-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	15.691(0)	***b*** 25.939(1)	***c***	6.733(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.77(0)	γ	90.00

R-Factor (%): 4.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.995



Search: search1 (Thu May 26 10:05:42 2011): Hit 2278

SIPWAQ

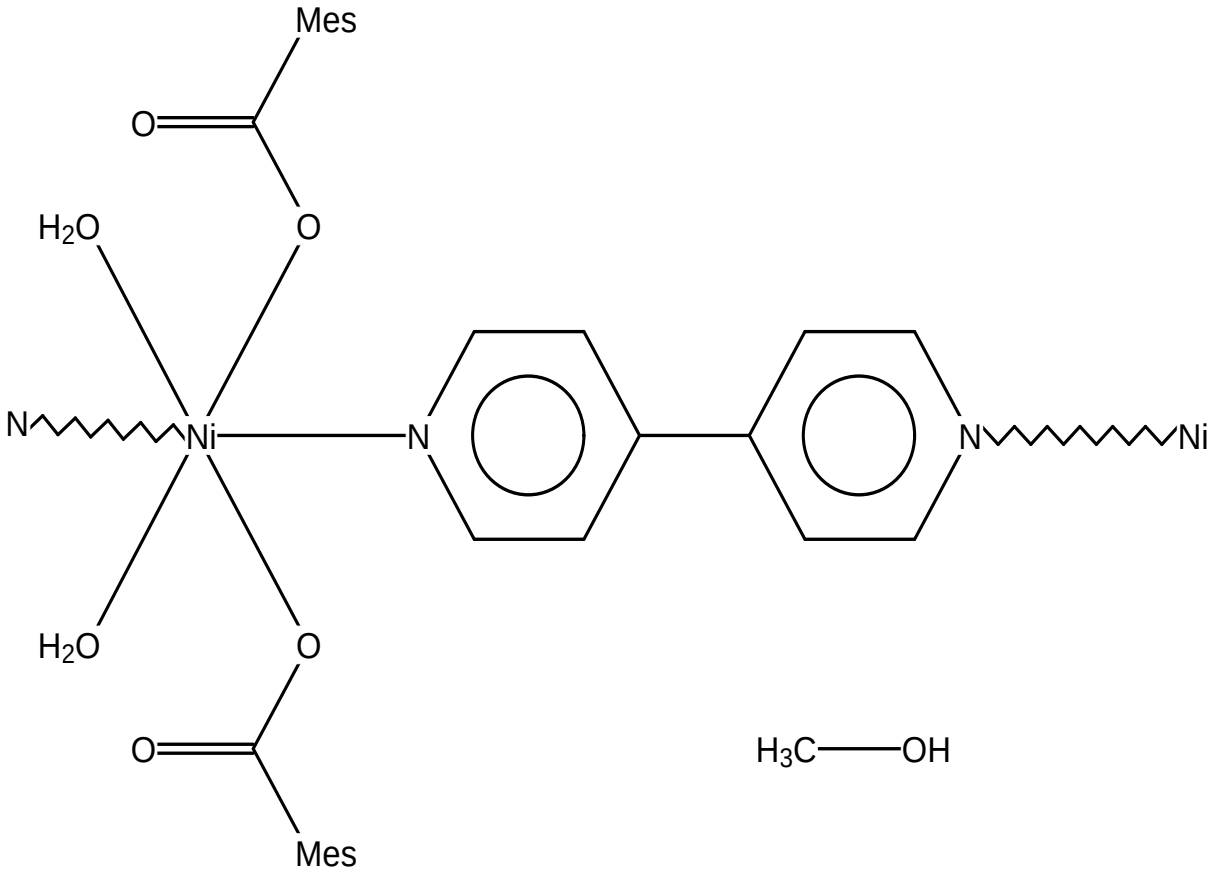
Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Yun-Fei Kang
(2007) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**23,**1815

Formula: $(C_{30}\ H_{34}\ N_2\ Ni_1\ O_6)n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine-N,N')-diaqua-bis(2,4,6-trimethylbenzoato-O)-nickel(ii) methanol solvate)

Space Group:	C2/c	***Cell:***	***a***	21.547(7)	***b*** 11.319(2)	***c***	16.557(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 129.66(3)	γ	90.00

R-Factor (%): 3.44 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.370



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2279

SIPWEU

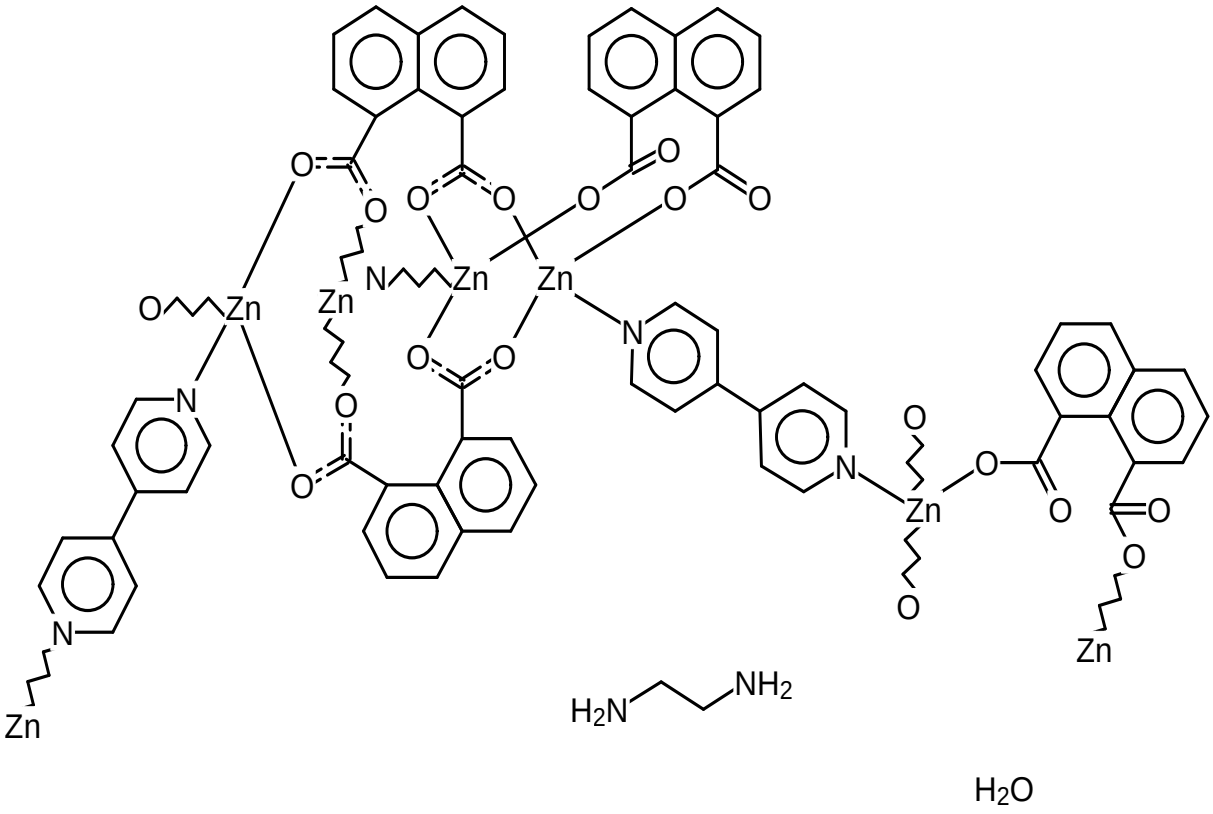
Reference: Yin-Hua He, Xia Feng, Yun-Long Feng, Hong Sun, Yi-Hang Wen (2007) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* , **23,**1805

Formula: $(C_{68}\ H_{40}\ N_4\ O_{16}\ Zn_4)n,0.5n(C_2\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-naphthalene-1,8-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-bis(μ_2-naphthalene-1,8-dicarboxylato)-tetra-zinc hemikis(1,2-diaminoethane) monohydrate)

Space Group:	P-1	***Cell:***	***a***	10.269(0)	***b***	11.345(0)	***c*** 13.486(0)
Space Group No.:	2	***(Å,°)***	α	79.99(0)	β	73.84(0)	γ 84.25(0)

R-Factor (%): 3.18 ***Temperature(K):*** 296 ***Density(g/cm3):*** 1.655



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2280

SIPWOE

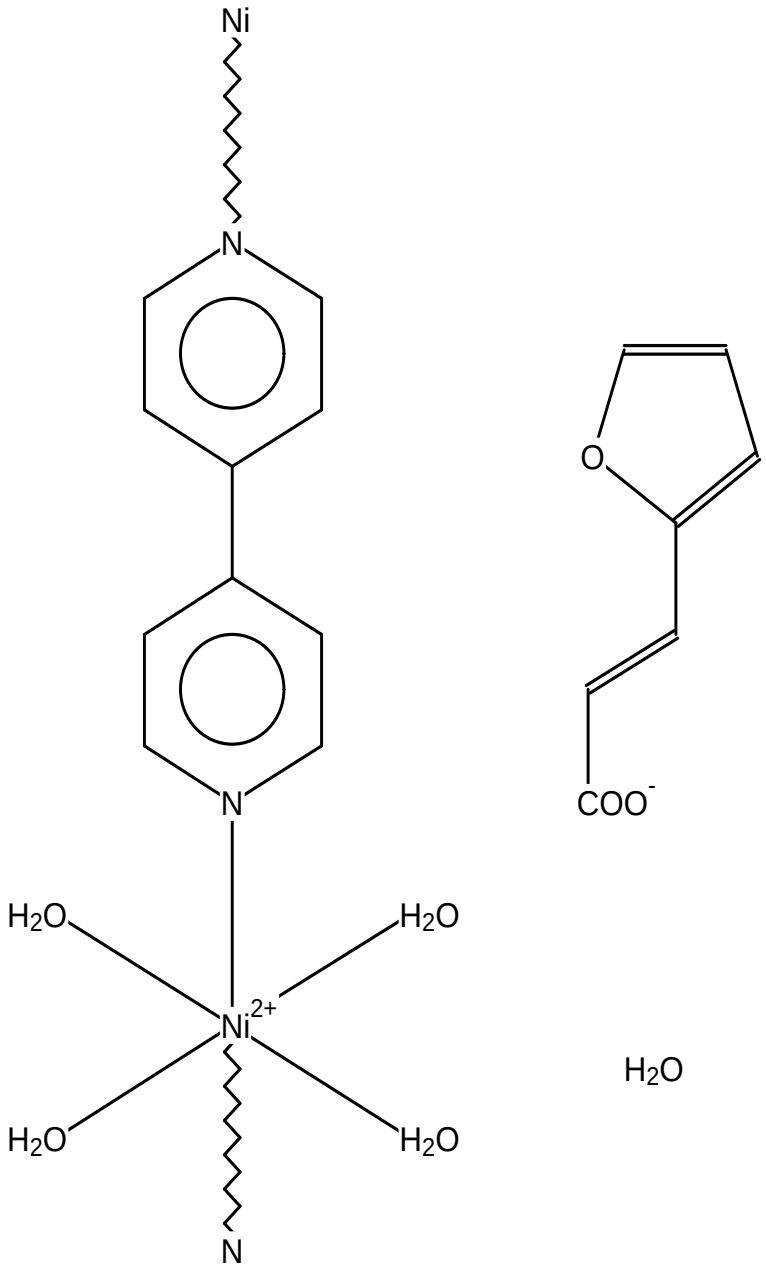
Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Yun-Fei Kuang (2007) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**23,**1789

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,2n(C_7\ H_5\ O_3\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-tetra-aqua-nickel(ii) bis(3-(2-furyl)acrylate) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.222(2)	***b***	10.841(2)	***c***	10.816(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.37(3)	γ	90.00

R-Factor (%): 4.12 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.524



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2281

SIPXUL

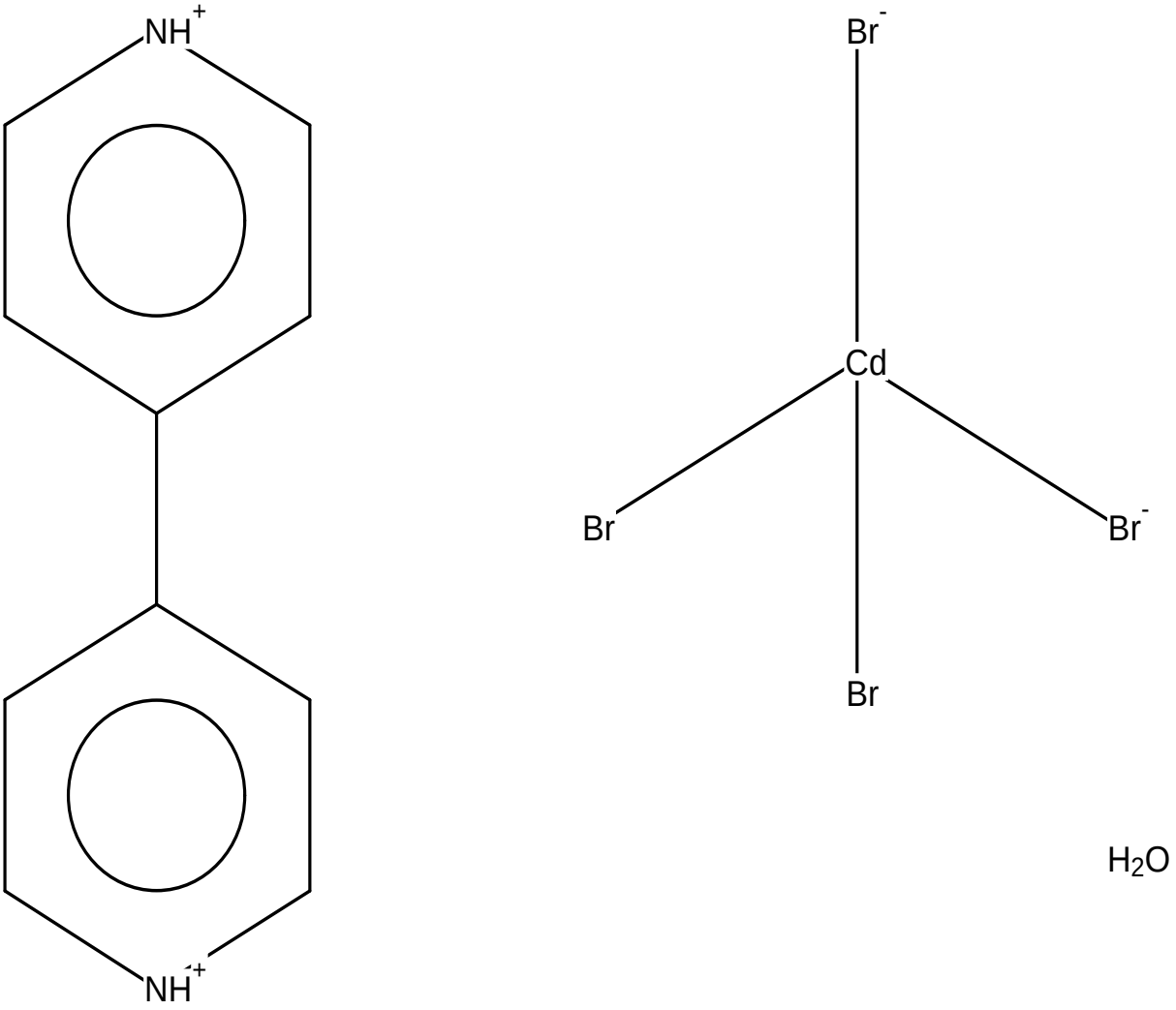
Reference: Wen-Tong Chen, Guo-Cong Guo, Xi-Rui Zeng, Xin-Fa Li, Xiao-Niu Fang, Han-Mao Kuang, Dong-Sheng Liu, Li-Min Liu (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.) ,***26,**1243

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_4\,Cd_1\,^{2-},H_2\,O_1$

Compound Name: 4,4'-Bipyridinium tetrabromo-cadmium(ii) monohydrate

Space Group:	P21/c	***Cell:***	***a***	8.260(3)	***b*** 23.926(7)	***c***	9.774(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.78(0)	γ	90.00

R-Factor (%): 6.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.184



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2282

SIPYAS

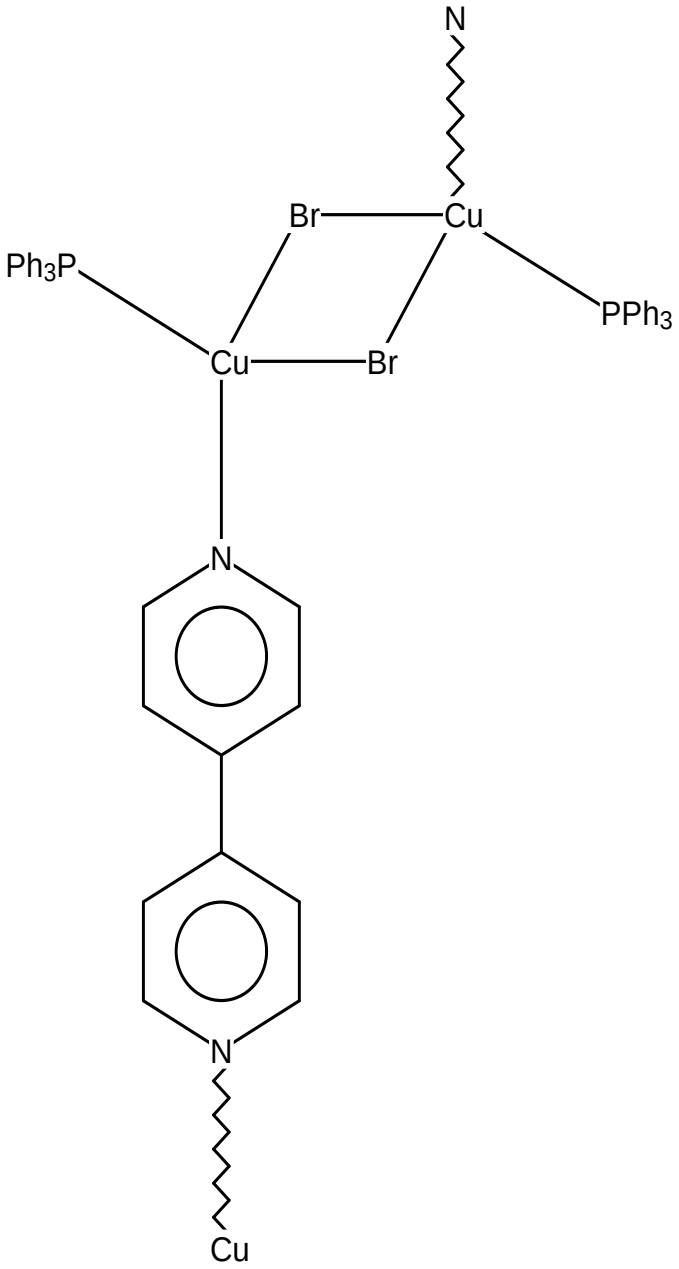
Reference: Ming-Ming Yu, Xi-Juan Zhao, Wen-Fu Fu (2007)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**26,**1179

Formula: $(C_{46}\ H_{38}\ Br_2\ Cu_2\ N_2\ P_2)n$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-bis(μ_2-bromo)-bis(triphenylphosphine)-di-copper(i))

Space Group:	P-1	***Cell:***	***a***	9.122(3)	***b***	9.322(3)	***c*** 13.201(4)
Space Group No.:	2	***(Å,°)***	α	106.44(0)	β	105.97(0)	γ 94.17(0)

R-Factor (%): 3.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.573



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2283

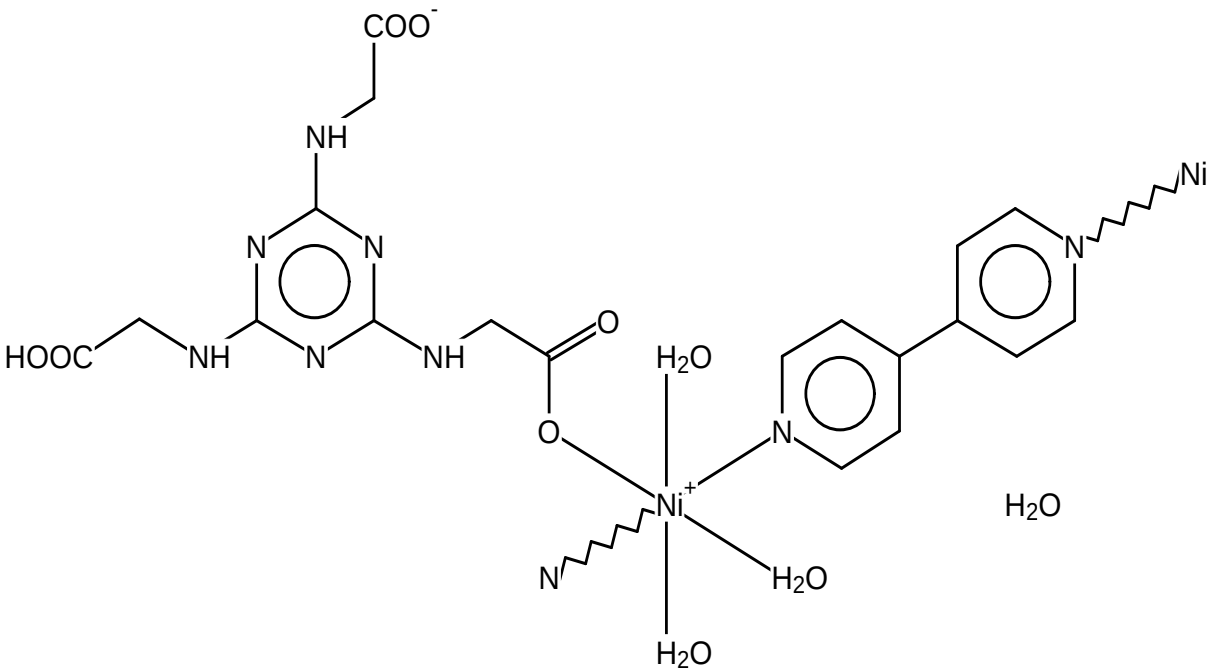
SIPZOH

Reference: Su-Na Wang, Junfeng Bai, Yi-Zhi Li, Yi Pan, M.Scheer, Xiao-Zeng You (2007) *CrystEngComm* ,**9,**1084

Formula: $(C_{19}\ H_{24}\ N_8\ Ni_1\ O_9)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-triaqua-(N,N',N''-(1,3,5-triazine-2,4,6-triyl)-(glycine)-bis(glycinato)-O)-nickel(ii) dihydrate)

Space Group:	P21	***Cell:***	***a***	9.632(4)	***b*** 13.811(7)	***c***	11.323(5)
Space Group No.:	4	***(Å,°)***	α	90.00	β 107.43(0)	γ	90.00
R-Factor (%):	6.27	***Temperature(K):***	291		***Density(g/cm^3):***		1.394



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2284

SIQFII

Reference: Miao Du, Cheng-Peng Li, Xiao-Jun Zhao, Qian Yu (2007) *CrystEngComm* ,**9,**1011

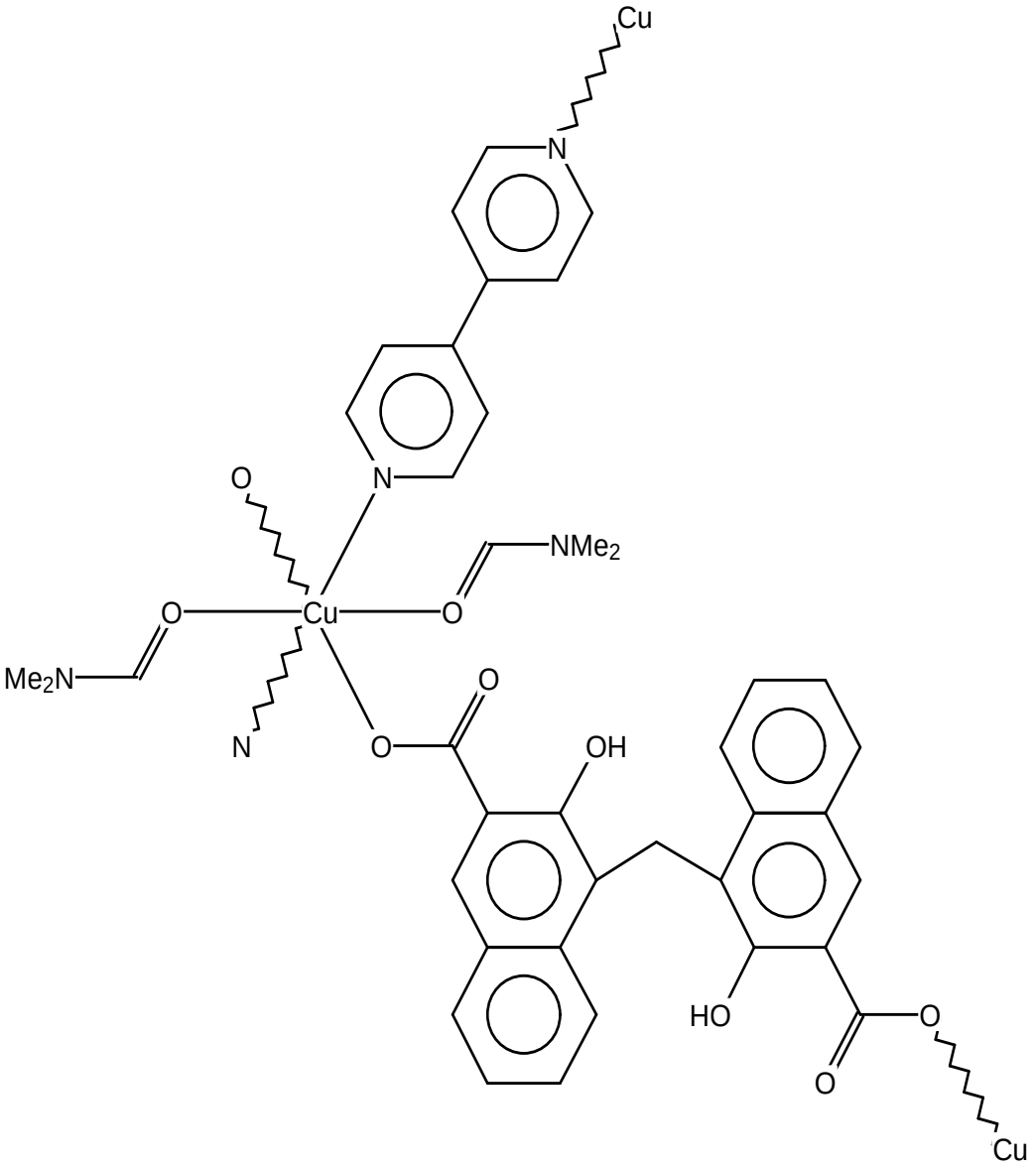
Formula: $(C_{39}\ H_{36}\ Cu_1\ N_4\ O_8)n$

Compound Name: catena-((μ_2-4,4'-Methylene-bis(3-hydroxynaphthalene-2-carboxylato)-O,O')-(μ_2-4,4'-bipyridine-N,N')-bis(N,N-dimethylformamide)-copper(ii))

Synonym: catena-((μ_2-Pamoato-O,O')-(μ_2-4,4'-bipyridine-N,N')-bis(N,N-dimethylformamide)-copper(ii))

Space Group:	P2/c	***Cell:***	***a***	14.632(1)	***b***	11.080(0)	***c*** 11.720(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β	108.24(0)	γ 90.00

R-Factor (%): 3.21 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.384



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2285

SIQFOO

Reference: Miao Du, Cheng-Peng Li, Xiao-Jun Zhao, Qian Yu (2007) *CrystEngComm* ,**9,**1011

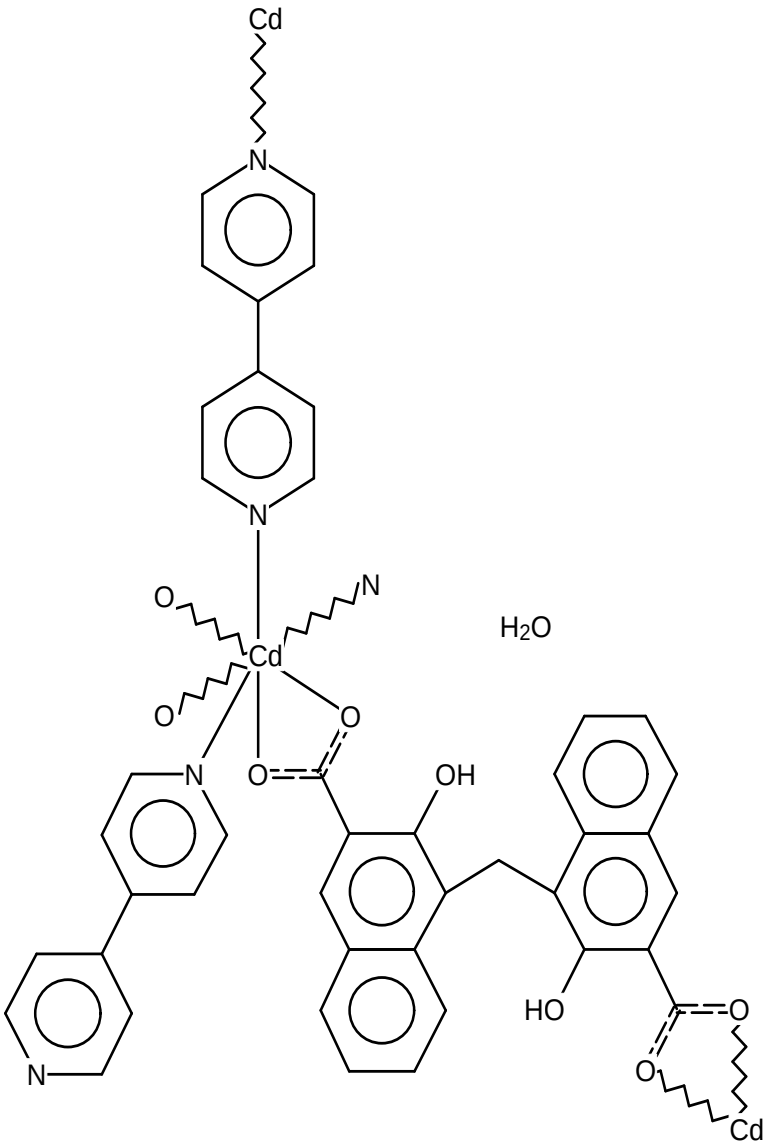
Formula: $(C_{43}\ H_{30}\ Cd_1\ N_4\ O_6)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Methylene-bis(3-hydroxynaphthalene-2-carboxylato)-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-(4,4'-bipyridine-N)-cadmium(ii) monohydrate)

Synonym: catena-((μ_2-Pamoato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-(4,4'-bipyridine-N)-cadmium(ii) monohydrate)

Space Group:	P21/c	***Cell:***	***a***	13.627(1)	***b*** 16.894(1)	***c***	19.480(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.24(0)	γ	90.00

R-Factor (%): 5.55 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.286



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2286

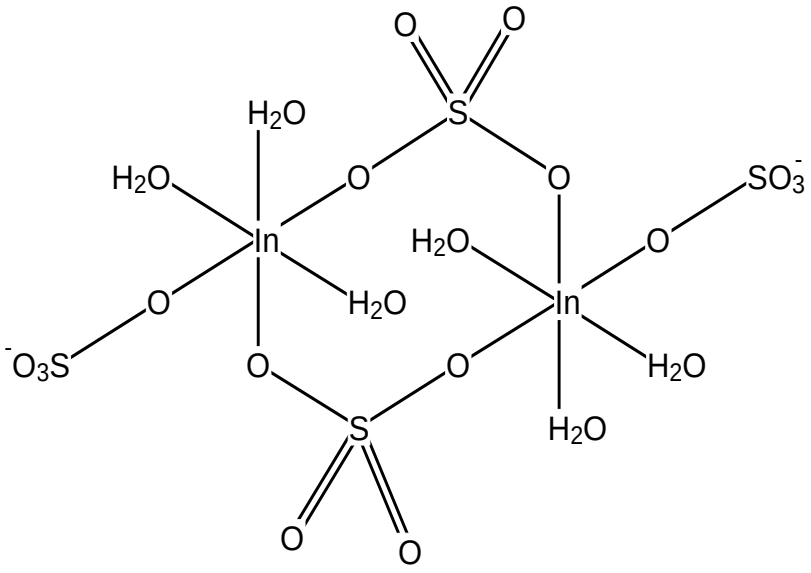
SISPUG

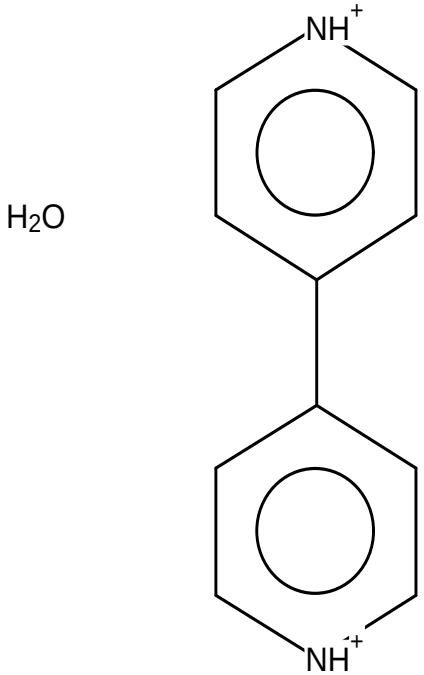
Reference: S.P.Petrosyants, A.B.Ilyukhin, V.A.Ketsko (2006) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**32,**809

Formula: $C_{10}\,H_{10}\,N_2\,^{2+},H_{12}\,In_2\,O_{22}\,S_4\,^{2-},2(H_2\,O_1)$

Compound Name: 4,4'-Bipyridinium bis(μ_2-sulfato)-hexaaqua-bis(sulfato)-di-indium(iii) dihydrate

Space Group:	P-1	***Cell:***	***a***	7.143(0)	***b***	7.798(0)	***c*** 12.580(1)
Space Group No.:	2	***(Å,°)***	α	107.61(2)	β	98.79(2)	γ 93.89(2)
R-Factor (%):	2.37	***Temperature(K):***	295		***Density(g/cm^3):***		2.322





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2287

SITZEB

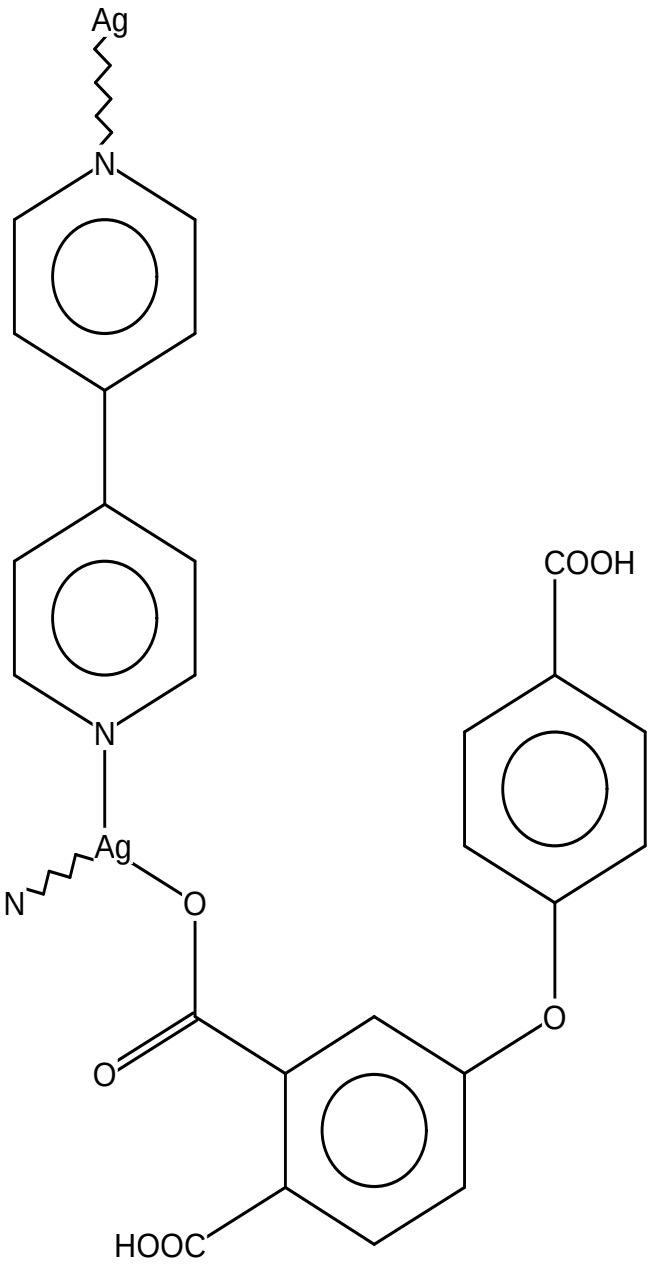
Reference: Qing-Ran Wu, Xiao-Li Chen, Huai-Ming Hu, Ting Qin, Feng Fu, Bo Zhang, Xing-Long Wu, Meng-Lin Yang, Gang-Lin Xue, Li-Feng Xu (2008) *Inorg.Chem.Commun.* ,**11,**28

Formula: $(C_{25}\ H_{17}\ Ag_1\ N_2\ O_7)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(4-(4-carboxyphenoxy)phthalato)-silver(i)]

Space Group:	P21/n	***Cell:***	***a***	11.409(1)	***b***	7.599(0)	***c***	25.514(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.31(0)	γ	90.00

R-Factor (%): 4.43 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.720



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2288

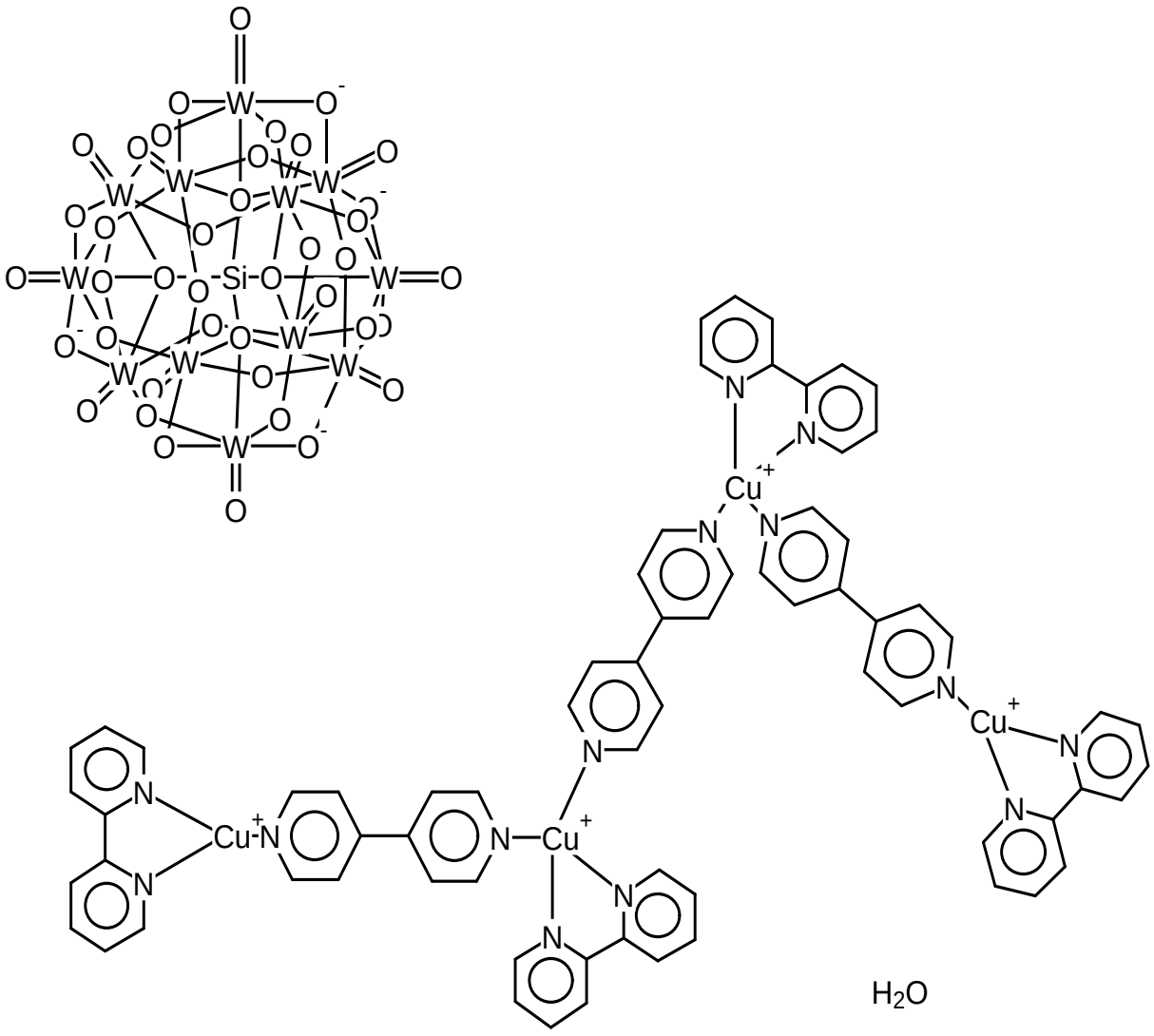
SIVQOE

Reference: Yu Wang, Dongrong Xiao, Enbo Wang, Linlin Fan, Jia Liu (2007) *Transition Met.Chem.* ,**32,**950

Formula: $C_{70}\ H_{56}\ Cu_4\ N_{14}\ ^{4+},O_{40}\ Si_1\ W_{12}\ ^{4-},H_2\ O_1$

Compound Name: tris(μ_2-4,4'-Bipyridine)-tetrakis(2,2'-bipyridine)-tetra-copper α-tetracontaoxosilicadodecatungstate monohydrate

Space Group:	P-1	***Cell:***	***a***	12.854(3)	***b***	13.519(3)	***c***	14.094(3)
Space Group No.:	2	***(Å,°)***	α	77.58(3)	β	82.51(3)	γ	75.07(3)
R-Factor (%):	7.80	***Temperature(K):***	293		***Density(g/cm^3):***		3.056	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2289

SIVQUK

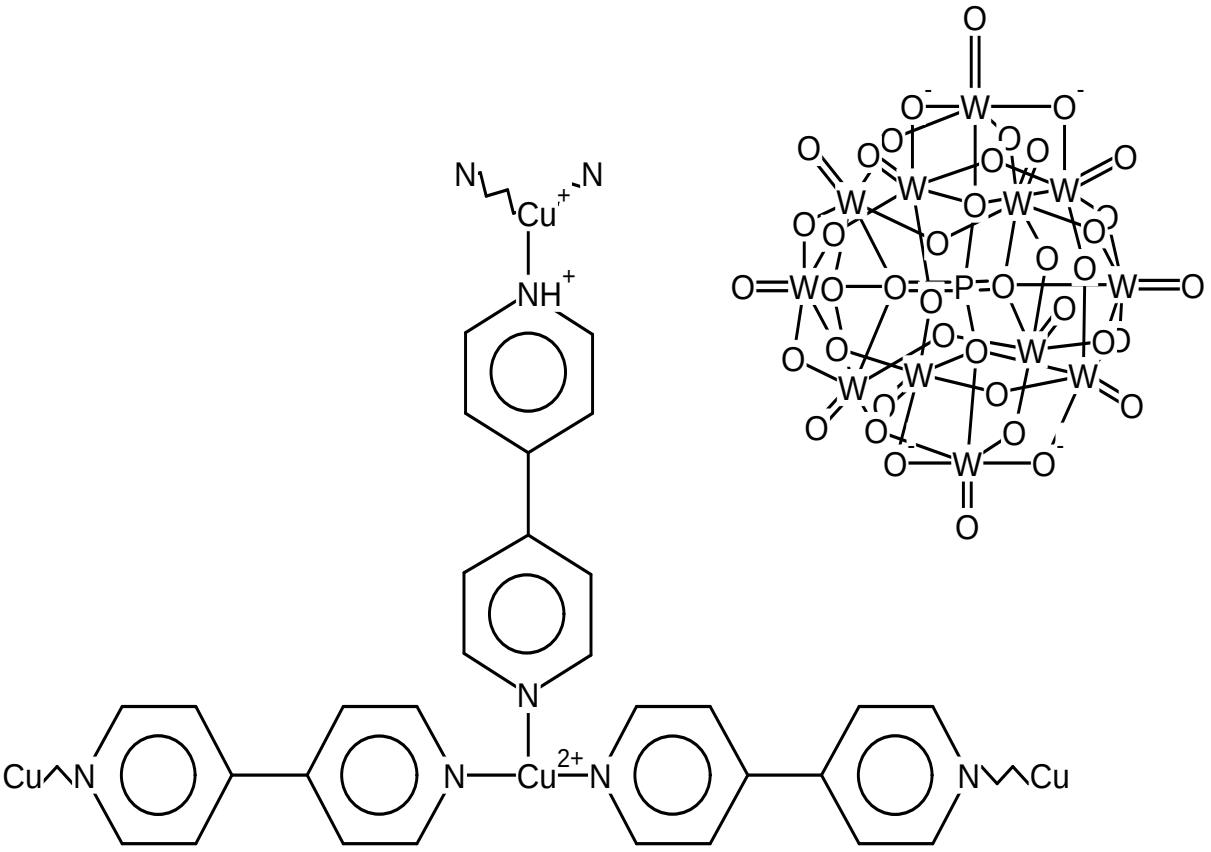
Reference: Yu Wang, Dongrong Xiao, Enbo Wang, Linlin Fan, Jia Liu (2007) *Transition Met.Chem.* ,**32,**950

Formula: $(C_{30}\ H_{25}\ Cu_2\ N_6\ ^{4+})n,n(O_{40}\ P_1\ W_{12}\ ^{4-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-4,4'-bipyridinium)-di-copper tetracontaoxophosphadodecatungstate)

Space Group:	P21/c	***Cell:***	***a***	11.494(2)	***b*** 22.845(5)	***c***	11.428(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.23(3)	γ	90.00

R-Factor (%): 5.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.125



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2290

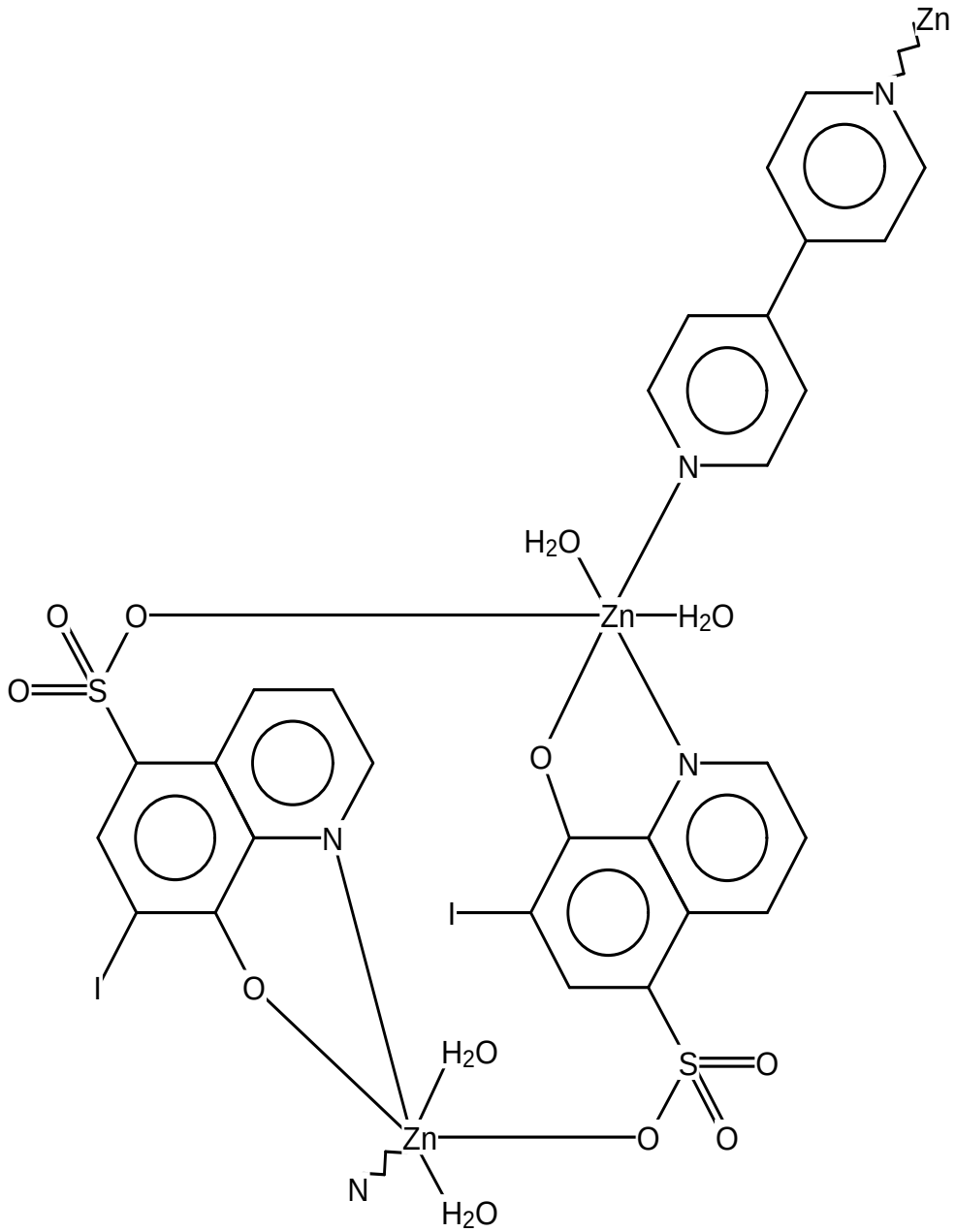
SIWKIT

Reference: Yongguang Lu, Wei Cheng, Xiangru Meng, Hongwei Hou (2008) *J.Mol.Struct.* ,**875,**183

Formula: $(C_{28}\ H_{24}\ I_2\ N_4\ O_{12}\ S_2\ Zn_2)n$

Compound Name: catena-(bis(μ$_2$-7-Iodo-8-hydroxyquinoline-5-sulfonato-N,O,O')-(μ$_2$-4,4'-bipyridine)-tetra-aqua-di-zinc(ii))

Space Group:	P21/n	***Cell:***	***a*** 10.707(2)	***b*** 14.749(3)	***c*** 11.162(2)
Space Group No.:	14	***(Å,°)***	α 90.00	β 109.84(3)	γ 90.00
R-Factor (%):	2.96	***Temperature(K):***	291	***Density(g/cm^3):***	2.118



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2291

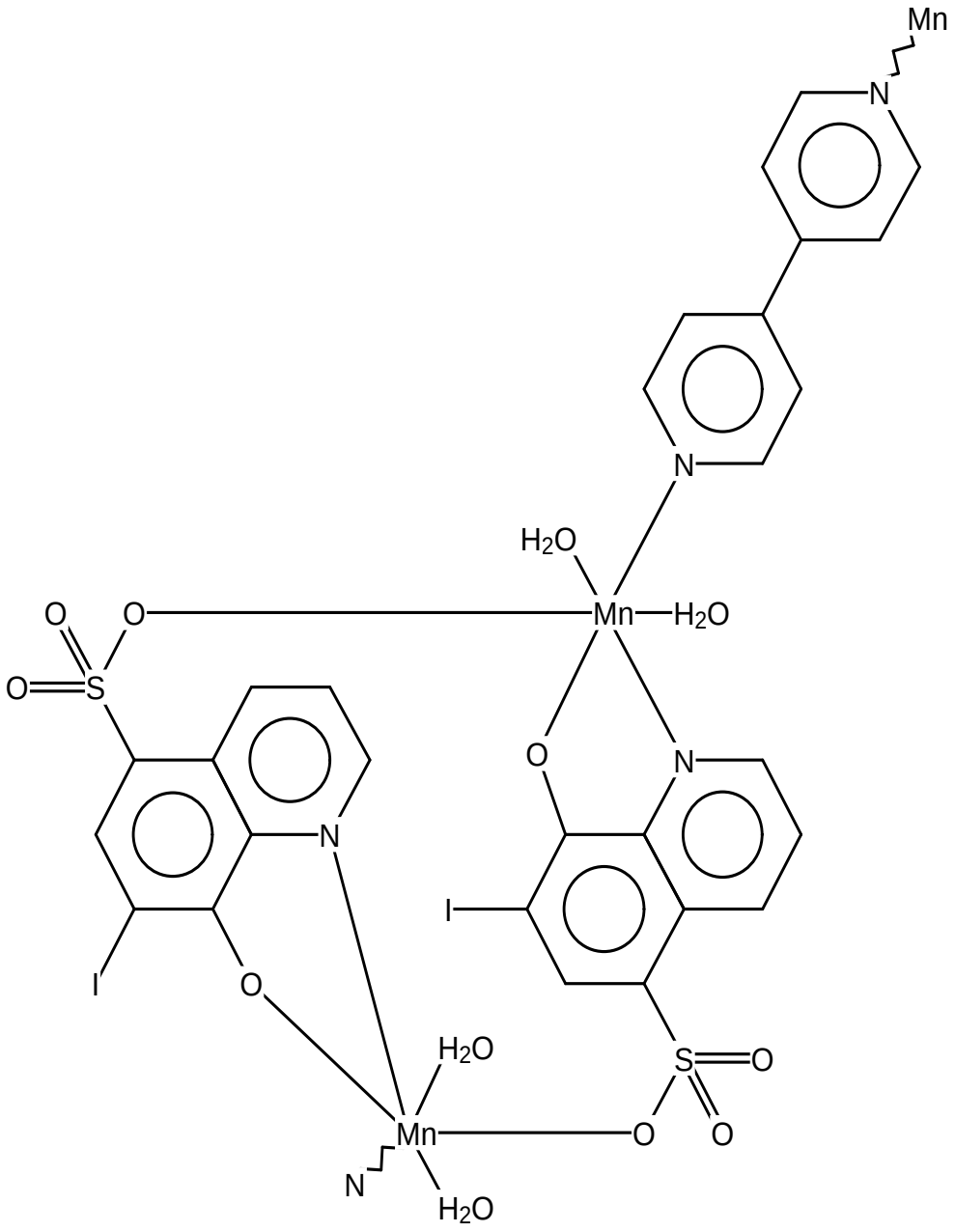
SIWKOZ

Reference: Yongguang Lu, Wei Cheng, Xiangru Meng, Hongwei Hou (2008) *J.Mol.Struct.* ,**875,**183

Formula: $(C_{28}\ H_{24}\ I_2\ Mn_2\ N_4\ O_{12}\ S_2)n$

Compound Name: catena-(bis(μ_2-7-Iodo-8-hydroxyquinoline-5-sulfonato-N,O,O')-(μ_2-4,4'-bipyridine)-tetra-aqua-di-manganese(ii))

Space Group:	P21/n	***Cell:***	***a***	10.910(2)	***b*** 15.083(3)	***c***	11.123(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.21(3)	γ	90.00
R-Factor (%):	2.65	***Temperature(K):***	291		***Density(g/cm^3):***		2.004



Search: search1 (Thu May 26 10:05:42 2011): Hit 2292

SIXQIZ

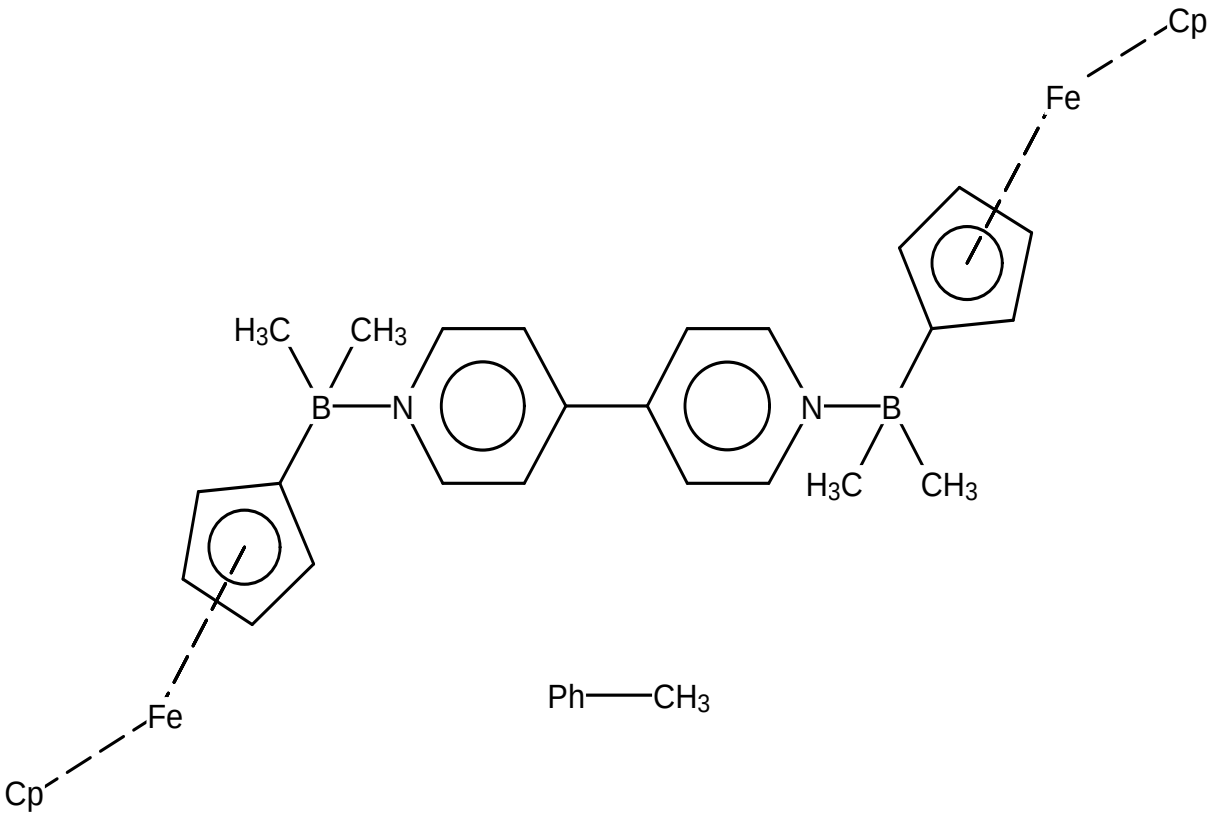
Reference: M.Fontani, F.Peters, W.Scherer, W.Wachter, M.Wagner, P.Zanello (1998) *Eur.J.Inorg.Chem.* ,1453

Formula: $C_{34}\ H_{38}\ B_2\ Fe_2\ N_2, 0.5(C_7\ H_8)$

Compound Name: 4,4'-bis(Ferrocenyldimethylboryl)-4,4'-bipyridyl

Space Group:	P-1	***Cell:***	***a***	8.714(0)	***b***	13.826(1)	***c***	15.821(1)
Space Group No.:	2	***(Å,°)***	α	65.82(0)	β	86.34(0)	γ	75.38(0)

R-Factor (%):	3.19	***Temperature(K):***	295	***Density(g/cm^3):***	1.292



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2293

SIXSIC

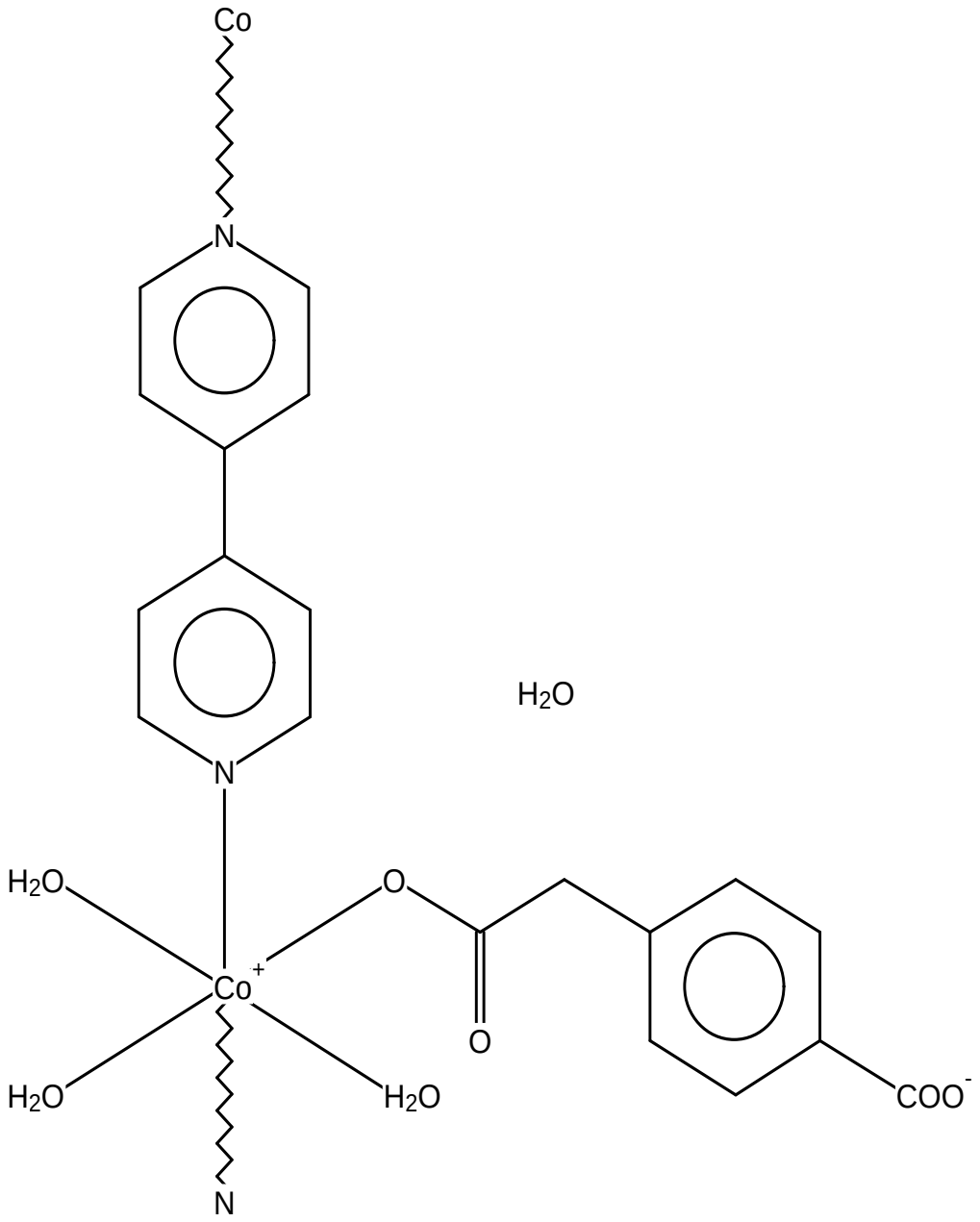
Reference: Zheng-Fang Tian, Yang Su, Jian-Guo Lin, Qing-Jin Meng (2007) *Polyhedron* ,**26,**2829

Formula: $(C_{19}\ H_{20}\ Co_1\ N_2\ O_7)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-triaqua-((4-carboxylatophenyl)acetato-O)-cobalt(ii) monohydrate)

Space Group:	P21	***Cell:***	***a***	6.254(1)	***b*** 13.851(3)	***c***	11.311(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β 105.20(0)	γ	90.00

R-Factor (%): 6.43 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.634



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2294

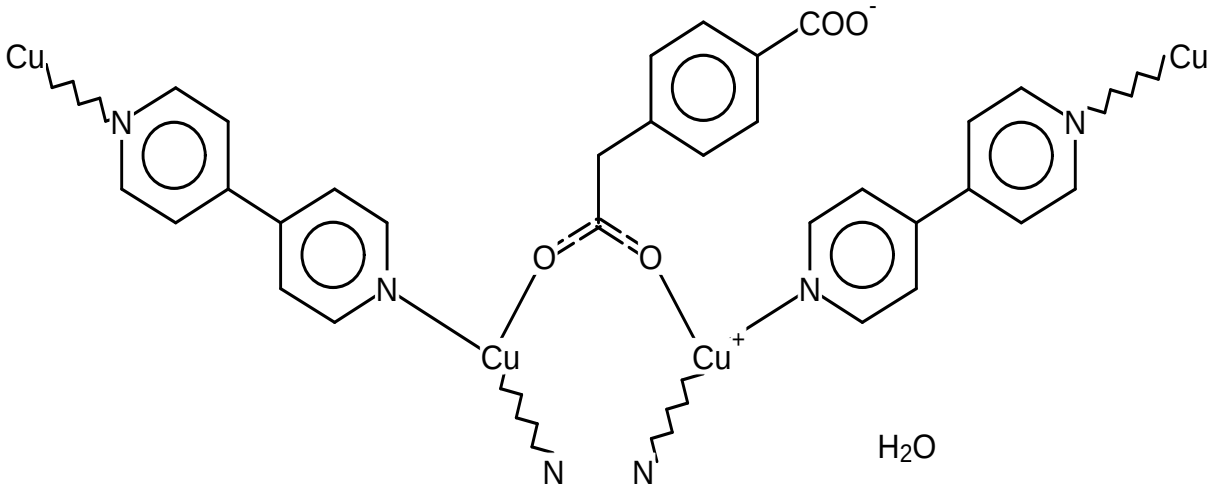
SIXSOI

Reference: Zheng-Fang Tian, Yang Su, Jian-Guo Lin, Qing-Jin Meng (2007) *Polyhedron* ,**26,**2829

Formula: $(C_{29}\ H_{22}\ Cu_2\ N_4\ O_4)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-(4-carboxylatophenyl)acetato-O,O')-di-copper(i) trihydrate)

Space Group:	Cc	***Cell:***	***a***	7.359(1)	***b***	17.951(3)	***c*** 20.398(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	90.70(0)	γ 90.00
R-Factor (%):	5.25	***Temperature(K):***	298	***Density(g/cm^3):***	1.656		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2295

SIXSUO

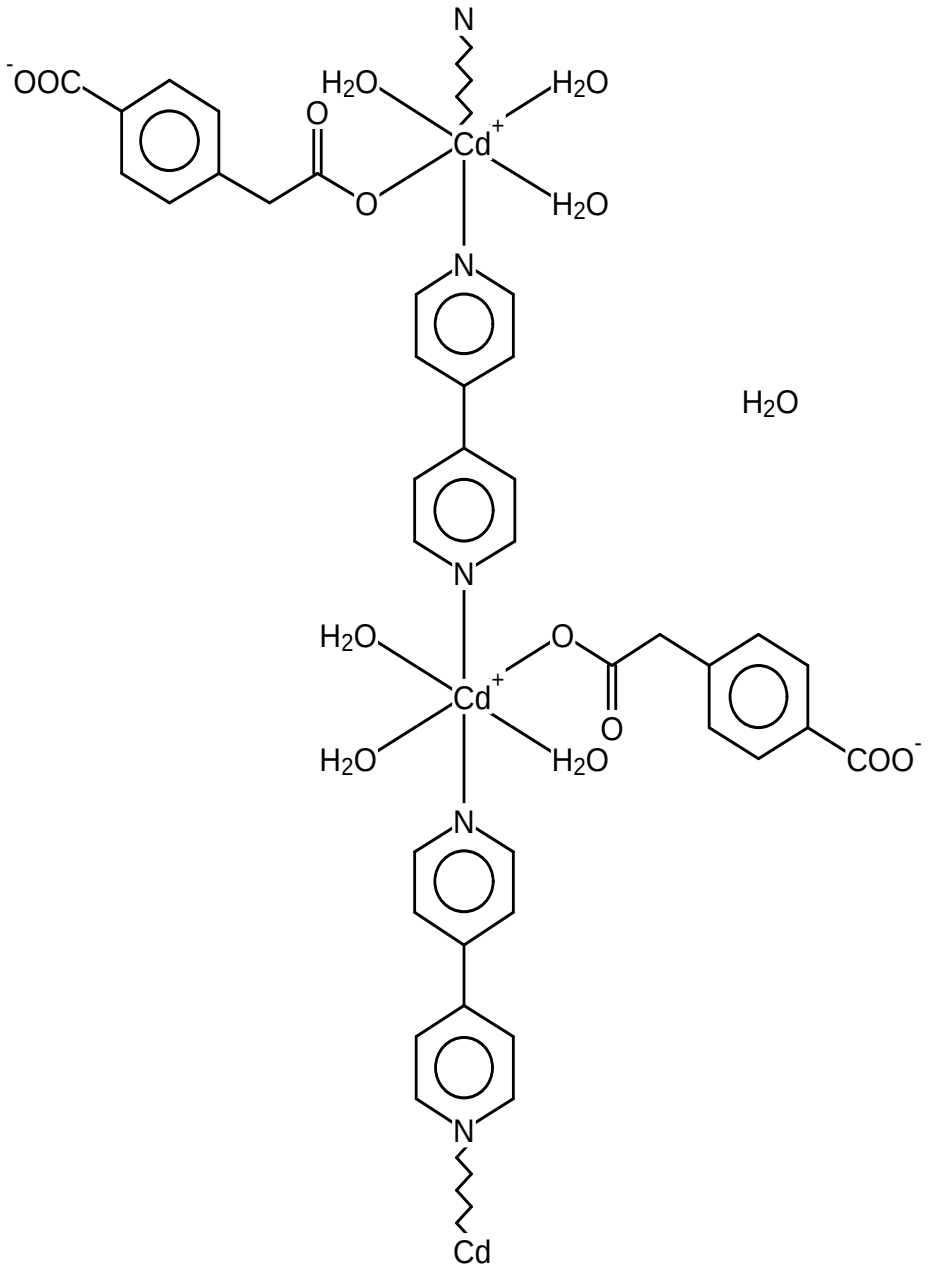
Reference: Zheng-Fang Tian, Yang Su, Jian-Guo Lin, Qing-Jin Meng (2007) *Polyhedron* ,**26,**2829

Formula: $(C_{38}\ H_{40}\ Cd_2\ N_4\ O_{14})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-hexa-aqua-bis((4-carboxylatophenyl)acetato-O)-di-cadmium(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.126(1)	***b*** 12.567(3)	***c***	14.045(3)
Space Group No.:	2	***(Å,°)***	α	113.87(0)	β 98.56(0)	γ	96.40(0)

R-Factor (%): 3.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.795



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2296

SIXTAV

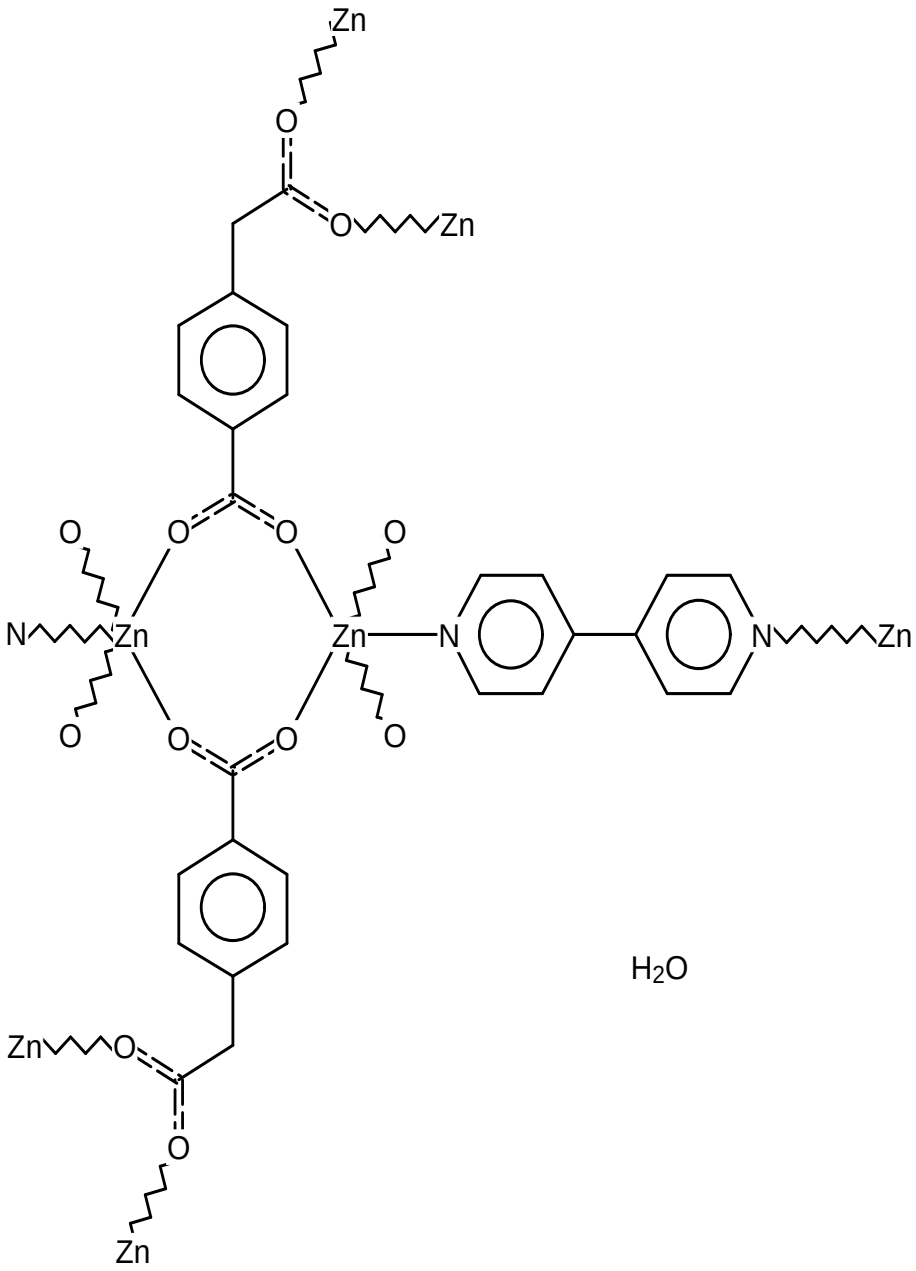
Reference: Zheng-Fang Tian, Yang Su, Jian-Guo Lin, Qing-Jin Meng (2007) *Polyhedron* ,**26,**2829

Formula: $(C_{28}\ H_{20}\ N_2\ O_8\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-4-(Carboxylatomethyl)benzoato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii) monohydrate)

Space Group:	P2/c	***Cell:***	***a***	9.998(3)	***b*** 14.024(4)	***c***	10.921(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 113.68(0)	γ	90.00

R-Factor (%): 5.99 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.566



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2297

SIXTEZ

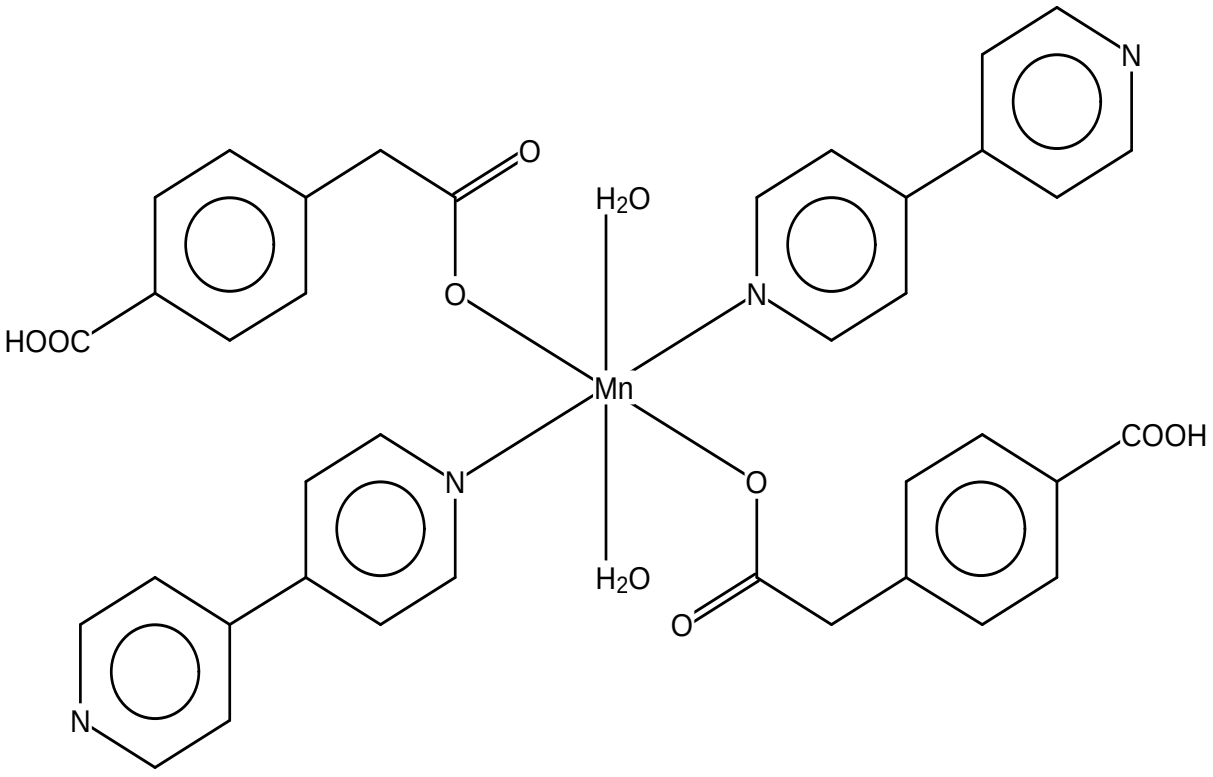
Reference: Zheng-Fang Tian, Yang Su, Jian-Guo Lin, Qing-Jin Meng (2007) *Polyhedron* ,**26,**2829

Formula: $C_{38}\ H_{34}\ Mn_1\ N_4\ O_{10}$

Compound Name: Diaqua-bis(4,4'-bipyridine-N)-bis((4-carboxyphenyl)acetato-O)-manganese(ii)

Space Group:	P-1	***Cell:***	***a***	6.208(1)	***b***	7.475(1)	***c*** 19.331(5)
Space Group No.:	2	***(Å,°)***	α	85.92(0)	β	84.46(0)	γ 66.77(0)

R-Factor (%): 4.35 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.542



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2298

SIZWAZ

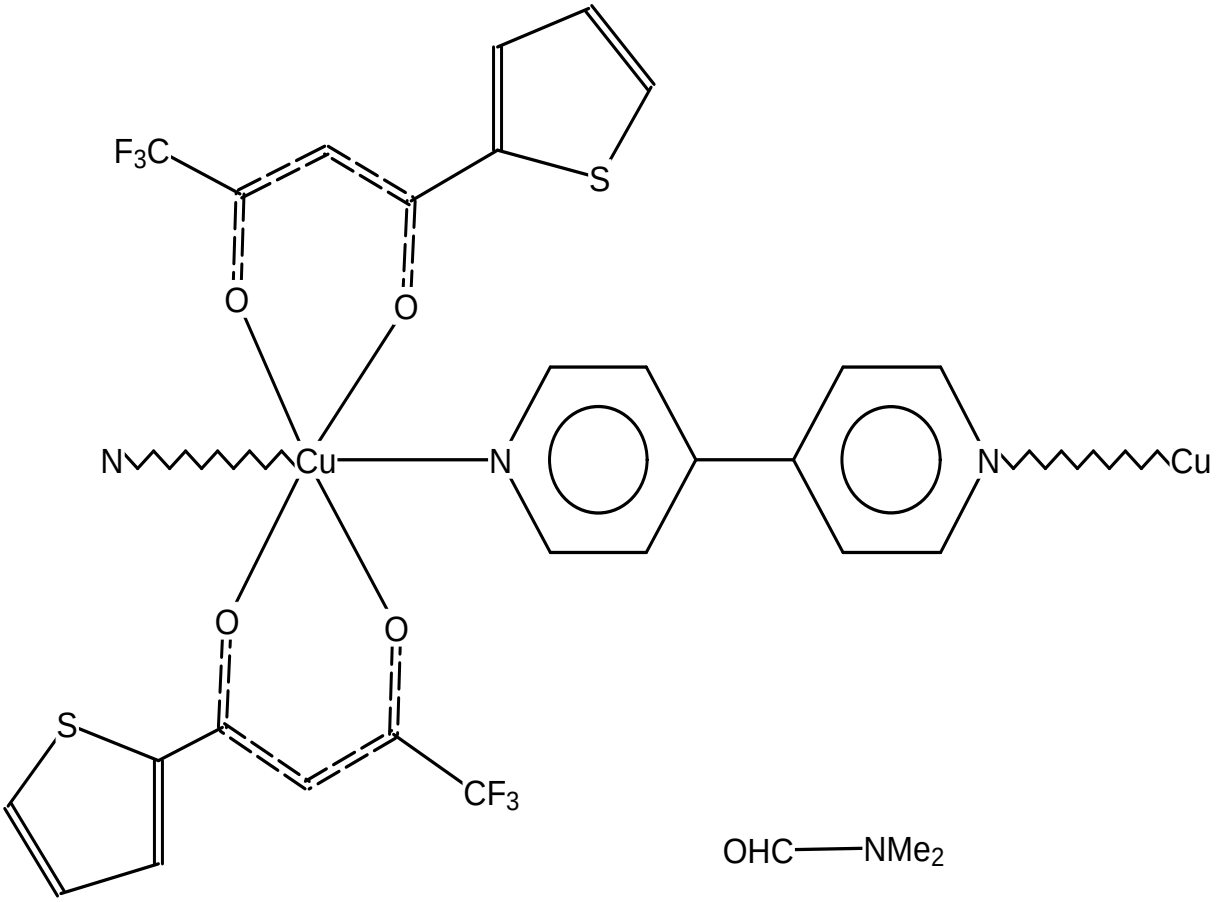
Reference: Shao-Hua Gou, Xiao-Zeng You, Zheng Xu, Zhong-Yuan Zhou, Kai-Be Yu, Yun-Peng Yu, Duo-Lin Zhu (1991) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***47,**1303

Formula: $(C_{26}\ H_{16}\ Cu_1\ F_6\ N_2\ O_4\ S_2)n,2n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena((μ2-4,4'-Bipyridine-N,N')-bis(4,4,4-trifluoro-1-(2-thienyl)-1,3,-butanedionato-O,O')-copper dimethylformamide solvate)

Space Group:	P-1	***Cell:***	***a***	9.637(2)	***b***	9.820(2)	***c***	11.505(2)
Space Group No.:	2	***(Å,°)***	α	73.40(1)	β	65.41(1)	γ	69.29(1)

R-Factor (%): 6.40 ***Temperature(K):*** 295 ***Density(g/cm3):*** 1.469



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2299

SOCGOH

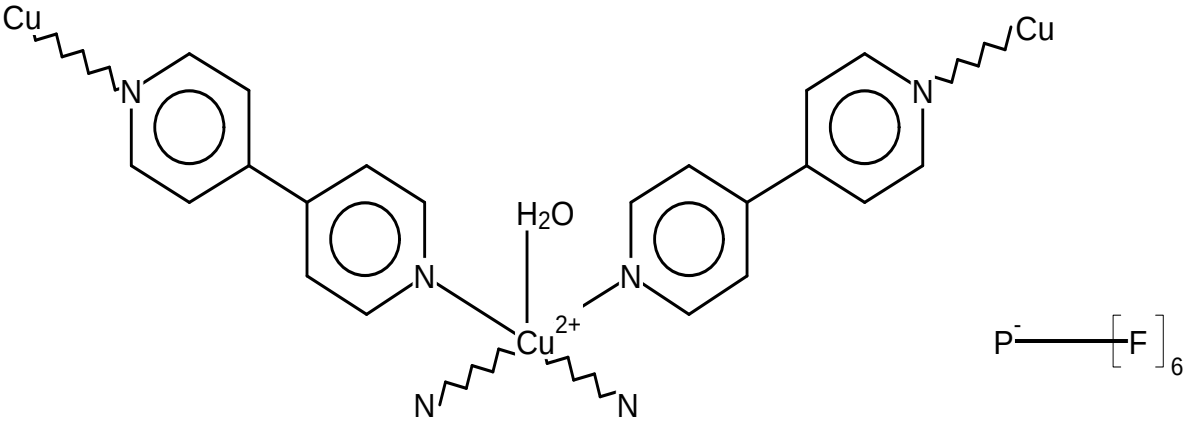
Reference: Cao-Yuan Niu, Ben-Lai Wu, Xian-Fu Zheng, Hong-Yun Zhang, Hong-Wei Hou, Yun-Yin Niu, Zhong-Jun Li (2008) *Cryst.Growth Des.* ,**8,**1566

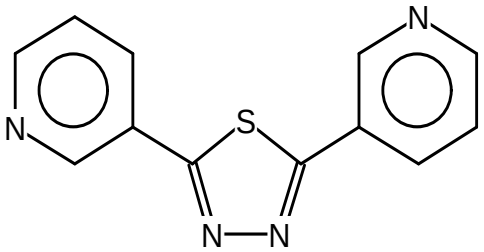
Formula: $(C_{20}\ H_{18}\ Cu_1\ N_4\ O_1\ ^{2+})n,n(C_{12}\ H_8\ N_4\ S_1),2n(F_6\ P_1\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-aqua-copper(ii) bis(hexafluorophosphate) 2,5-bis(3-pyridyl)-1,3,4-thiadiazole clathrate trihydrate]

Space Group:	P21/c	***Cell:***	***a***	11.161(1)	***b***	16.187(1)	***c***	22.232(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.89(0)	γ	90.00

R-Factor (%): 6.27 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.626





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2300

SODNAB

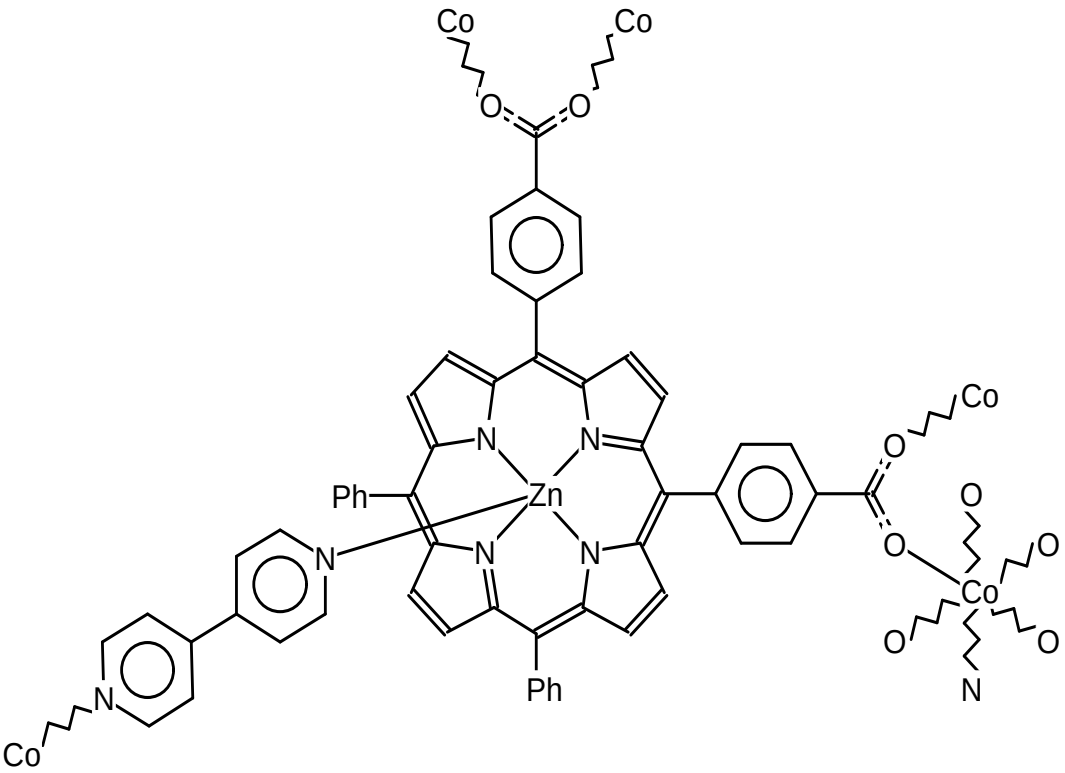
Reference: Eun-Young Choi, P.M.Barron, R.W.Novotney, Chunhua Hu, Young-UK Kwon, Wonyoung Choe (2008) *CrystEngComm* ,**10,**824

Formula: $(C_{56}\ H_{34}\ Co_1\ N_6\ O_4\ Zn_1)n,4n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-((μ_5-cis-5,10-bis(4-Carboxyphenyl)-15,20-diphenylporphyrinato)-(μ_2-4,4'-bipyridyl)-cobalt-zinc dimethylformamide solvate monohydrate)

Space Group:	C2/m	***Cell:***	***a***	32.465(1)	***b***	16.588(0)	***c***	12.291(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	91.20(0)	γ	90.00

R-Factor (%): 5.97 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.294



$OHC{-}NMe_2$ H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 2301

SODZAN

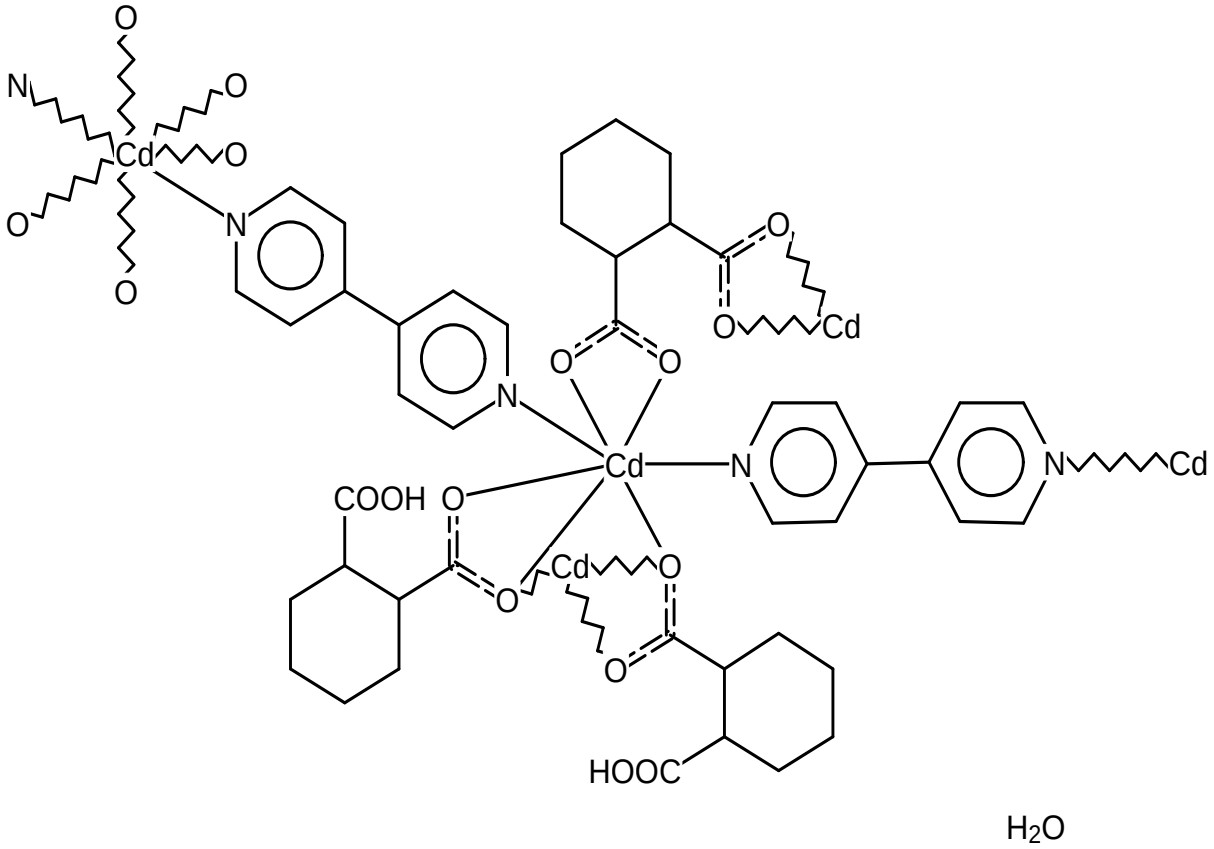
Reference: I.F.Hernandez-Ahuactzi, H.Hopfl, V.Barba, P.Roman-Bravo, L.S.Zamudio-Rivera, H.I.Beltran (2008) *Eur.J.Inorg.Chem. ,*2746

Formula: $(C_{44}\ H_{48}\ Cd_2\ N_4\ O_{12})n,8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(μ_2-trans-1-carboxycyclohexane-2-carboxylato)-(μ_2-trans-cyclohexane-1,2-dicarboxylato)-di-cadmium(ii) octahydrate)

Space Group:	Pccn	***Cell:***	***a***	12.642(0)	***b***	16.986(1)	***c*** 23.242(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.08 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.589



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2302

SODZIV

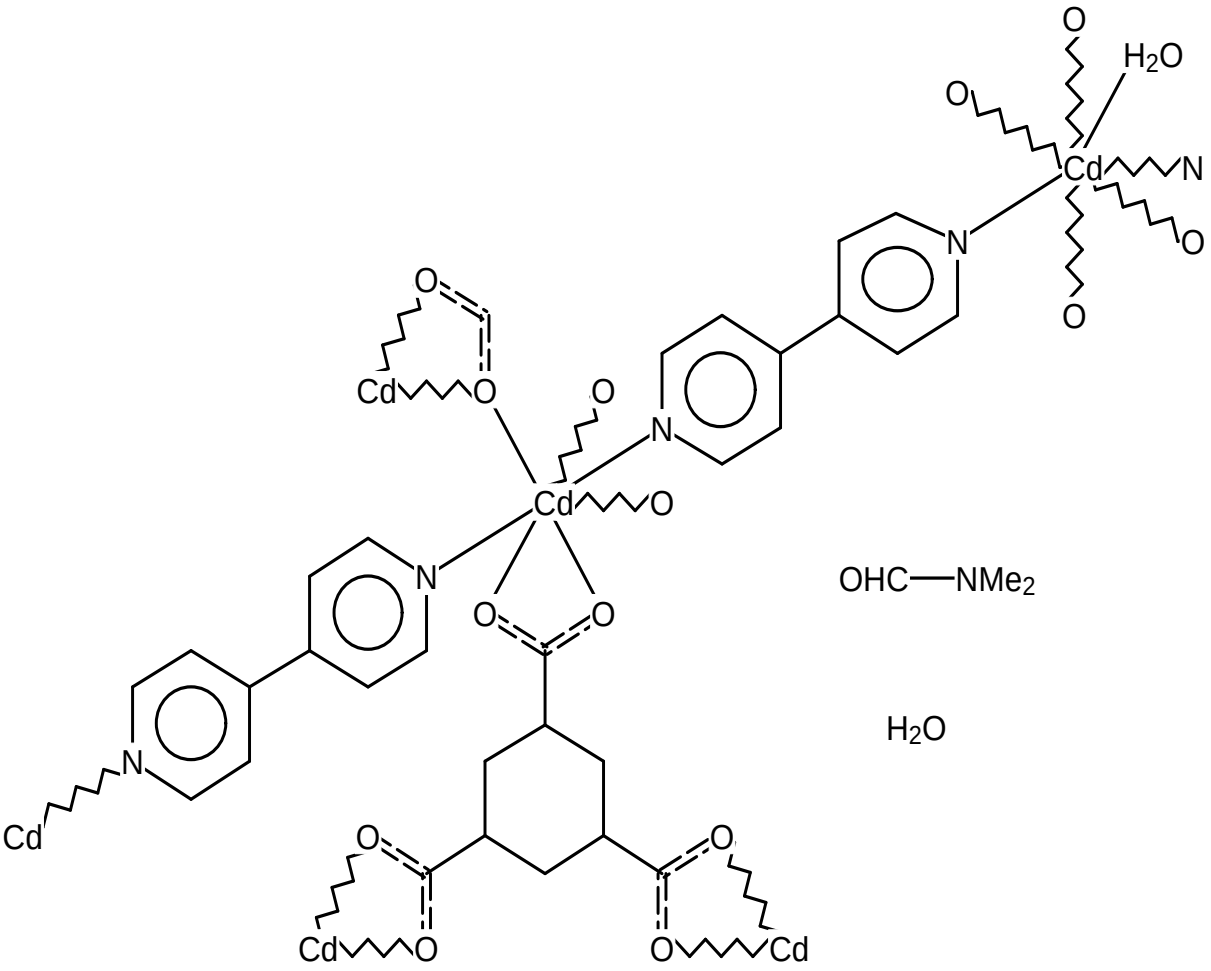
Reference: I.F.Hernandez-Ahuactzi, H.Hopfl, V.Barba, P.Roman-Bravo, L.S.Zamudio-Rivera, H.I.Beltran (2008) *Eur.J.Inorg.Chem. ,*2746

Formula: $(C_{30}\ H_{28}\ Cd_2\ N_4\ O_9)n,n(C_3\ H_7\ N_1\ O_1),4n(H_2\ O_1)$

Compound Name: catena-((μ_3-1,3,5-cyclohexanetricarboxylato)-bis(μ_2-4,4'-bipyridine)-(μ_2-formato)-aqua-cadmium dimethylformamide tetrahydrate)

Space Group:	Pna21	***Cell:***	***a***	14.498(1)	***b***	17.512(1)	***c***	15.472(1)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.17 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.621



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2303

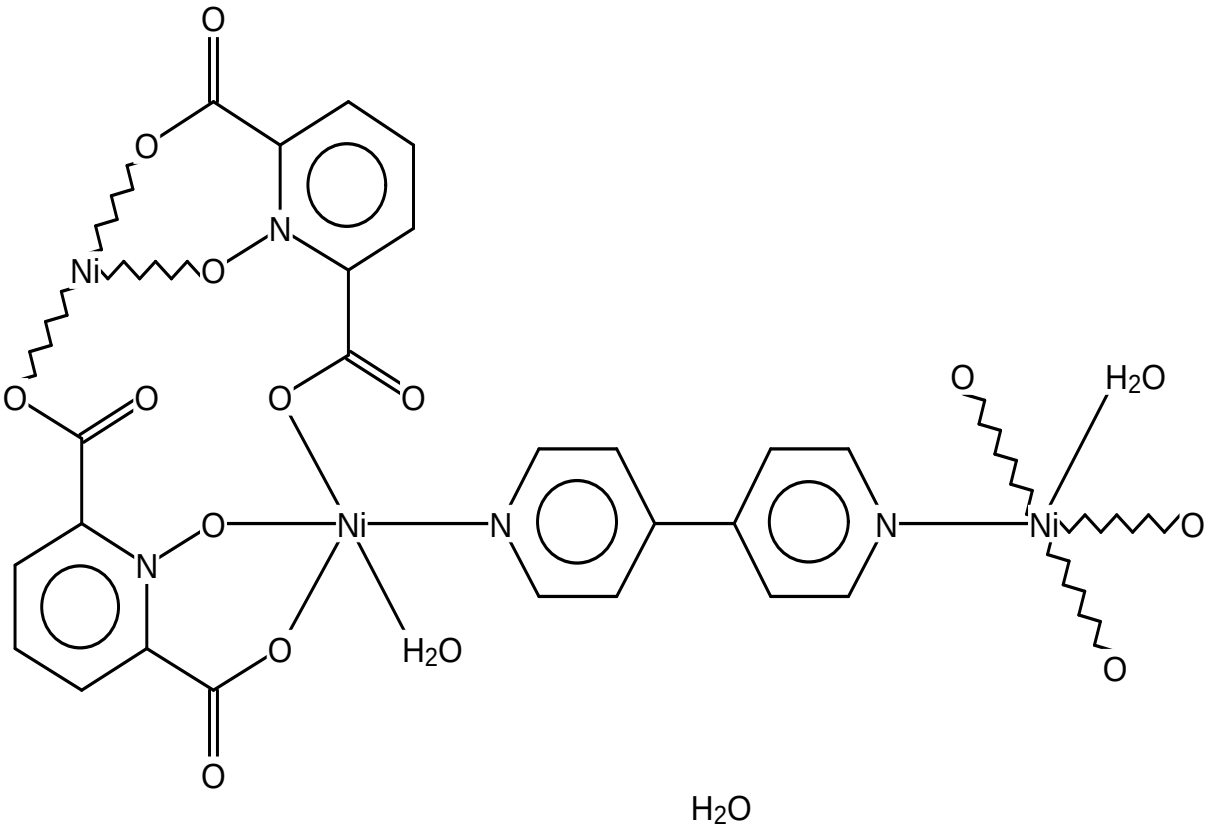
SOFTOX

Reference: Chun-Sheng Zhou, Guo-Chun Zhang (2008)
*Z.Kristallogr.-New Cryst.Struct. ,***223,**175

Formula: $(C_{24}\ H_{18}\ N_4\ Ni_2\ O_{12})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-pyridine-2,6-dicarboxylic acid N-oxide)-(μ_2-4,4'-bipyridine)-aqua-di-nickel(ii) tetrahydrate)

Space Group:	P-1	***Cell:***	***a*** 7.579(1)	***b*** 10.479(1)	***c*** 11.026(1)
Space Group No.:	2	***(Å,°)***	α 109.30(0)	β 107.27(0)	γ 104.03(0)
R-Factor (%):	2.55	***Temperature(K):***	298	***Density(g/cm^3):***	1.690



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2304

SOHMEH

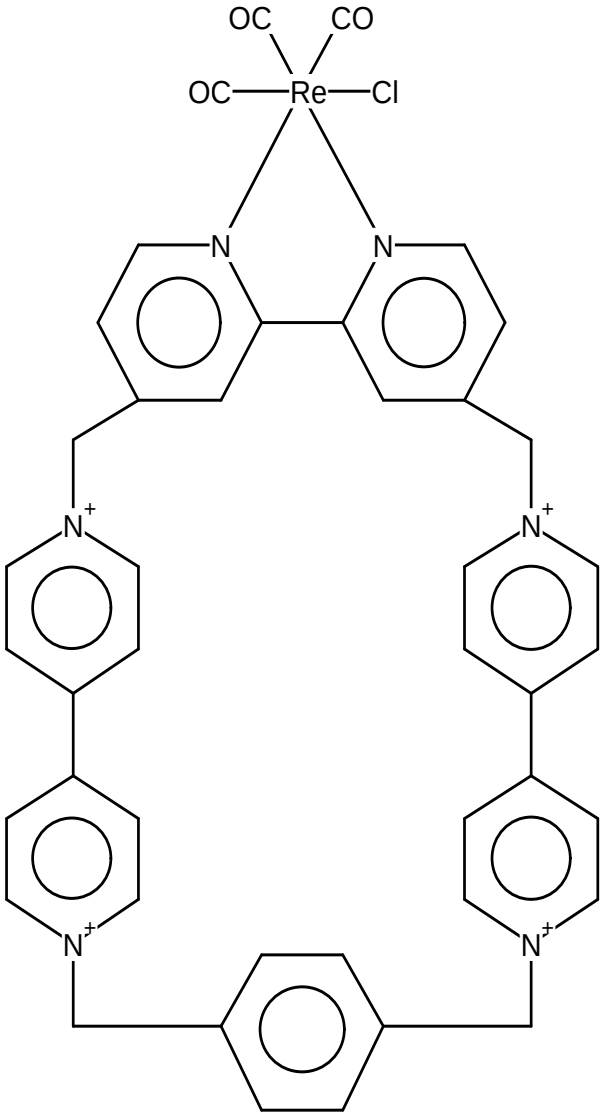
Reference: P.R.Ashton, V.Balzani, A.Credi, O.Kocian, D.Pasini, L.Prodi, N.Spencer, J.F.Stoddart, M.S.Tolley, M.Venturi, A.J.P.White, D.J.Williams (1998) *Chem.-Eur.J. ,***4,**590

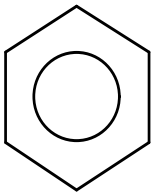
Formula: $C_{43}\ H_{34}\ Cl_1\ N_6\ O_3\ Re_1\ ^{4+}$,4($F_6\ P_1\ ^{1-}$),1.5($C_6\ H_6$),5($C_1\ H_3\ N_1\ O_2$)

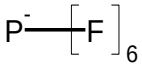
Compound Name: (1(1,4)-Benzena-3,9(1,4),4,10(4,1),6(4,2),7(2,4)-hexapyridinacycloundecaphane-N,N')-tricarbonyl-chloro-rhenium(i) tetrakis(hexafluorophosphate) benzene clathrate nitromethane solvate

Space Group:	P21/c	***Cell:***	***a***	13.415(1)	***b***	22.407(2)	***c*** 26.524(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	103.32(0)	γ 90.00

R-Factor (%): 5.89 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.632







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2305

SOHMIL

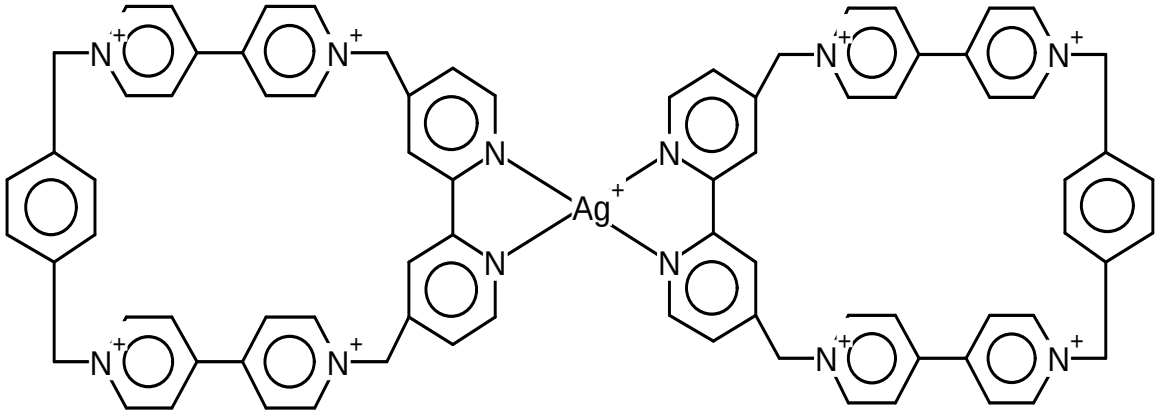
Reference: P.R.Ashton, V.Balzani, A.Credi, O.Kocian, D.Pasini, L.Prodi, N.Spencer, J.F.Stoddart, M.S.Tolley, M.Venturi, A.J.P.White, D.J.Williams (1998) *Chem.-Eur.J.* ,**4,**590

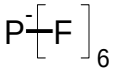
Formula: $C_{80}\ H_{68}\ Ag_1\ N_{12}\ ^{9+}$,9($F_6\ P_1\ ^{1-}$),4($C_6\ H_6$),4($C_2\ H_3\ N_1$)

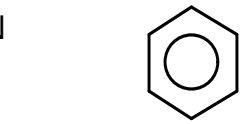
Compound Name: bis(1(1,4)-Benzena-3,9(1,4),4,10(4,1),6(4,2),7(2,4)-hexapyridinacycloundecaphane-N,N')-silver(i) nonakis(hexafluorophosphate) acetonitrile benzene solvate

Space Group:	C2/c	***Cell:***	***a***	45.182(3)	***b***	15.942(2)	***c***	18.252(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	98.11(0)	γ	90.00

R-Factor (%): 9.26 ***Temperature(K):*** 198 ***Density(g/cm^3):*** 1.575







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2306

SOHMOR

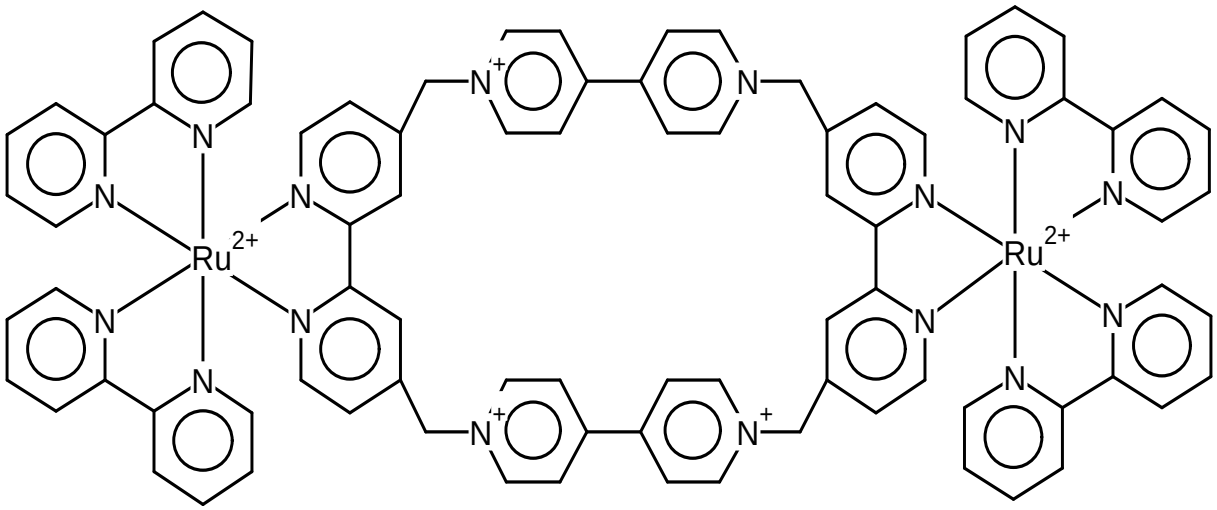
Reference: P.R.Ashton, V.Balzani, A.Credi, O.Kocian, D.Pasini, L.Prodi, N.Spencer, J.F.Stoddart, M.S.Tolley, M.Venturi, A.J.P.White, D.J.Williams (1998) *Chem.-Eur.J.* ,**4,**590

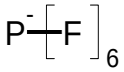
Formula: $C_{84}\ H_{68}\ N_{16}\ Ru_2\ ^{7+},7(F_6\ P_1\ ^{1-}),4(C_3\ H_6\ O_1)$

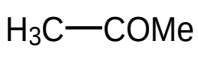
Compound Name: (1,7(4,2),2,8(2,4),4,10(1,4),5,11(4,1)-Octapyridinacyclododecaphane-N,N',N'',N''')-bis(bis(2,2'-bipyridine)-ruthenium(ii)) octakis(hexafluorophosphate) acetone solvate

Space Group:	P-1	***Cell:***	***a***	13.465(2)	***b***	13.776(2)	***c***	22.115(4)
Space Group No.:	2	***(Å,°)***	α	88.05(1)	β	73.61(1)	γ	68.33(1)

R-Factor (%): 12.44 ***Temperature(K):*** 203 ***Density(g/cm^3):*** 1.253







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2307

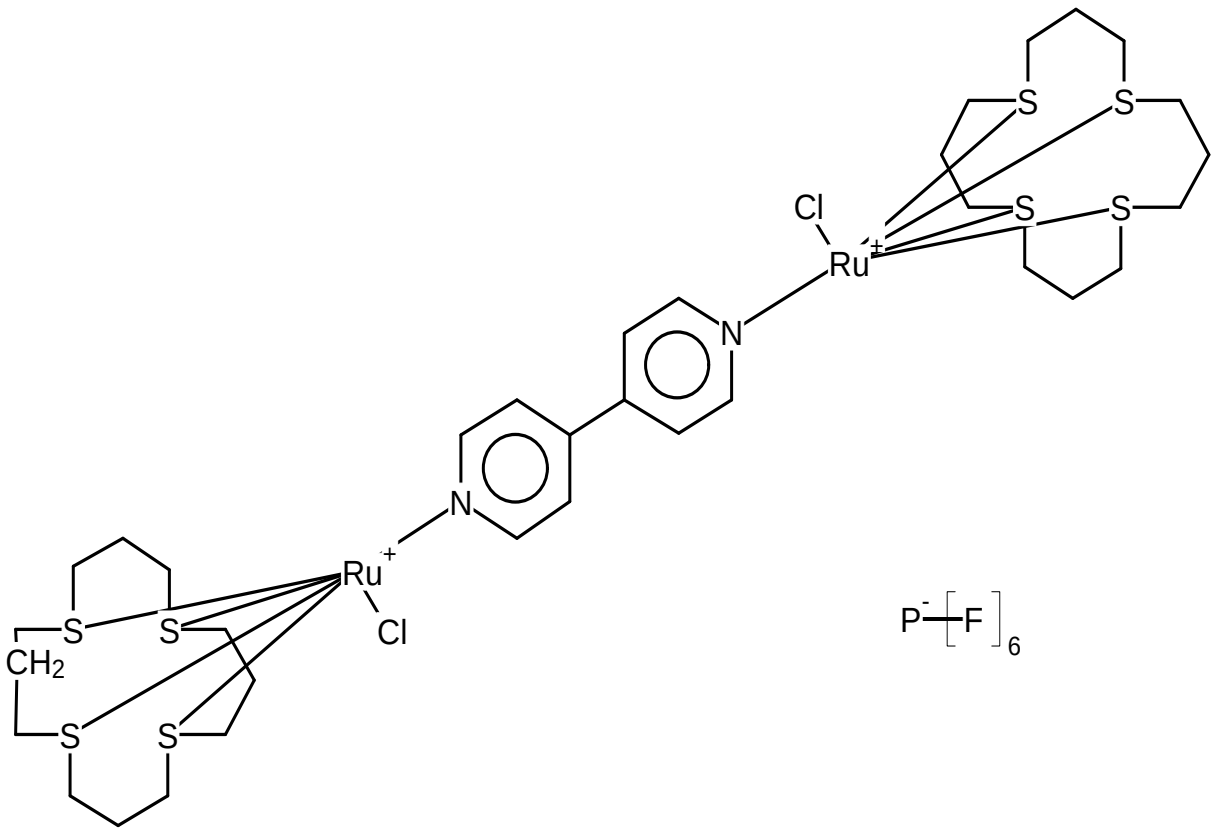
SOMTAQ

Reference: H.Adams, P.J.Costa, M.Newell, S.J.Vickers, M.D.Ward, V.Felix, J.A.Thomas (2008) *Inorg.Chem. ,***47,**11633

Formula: $C_{34}\ H_{56}\ Cl_2\ N_2\ Ru_2\ S_8\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-dichloro-bis(1,5,9,13-tetrathiacyclohexadecane) -di-ruthenium(ii) bis(hexafluorophosphate)

Space Group:	P21/n	***Cell:***	***a***	13.462(5)	***b*** 15.370(6)	***c***	13.872(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.08(0)	γ	90.00
R-Factor (%):	10.69	***Temperature(K):***	150		***Density(g/cm^3):***		1.580



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2308

SONQUI

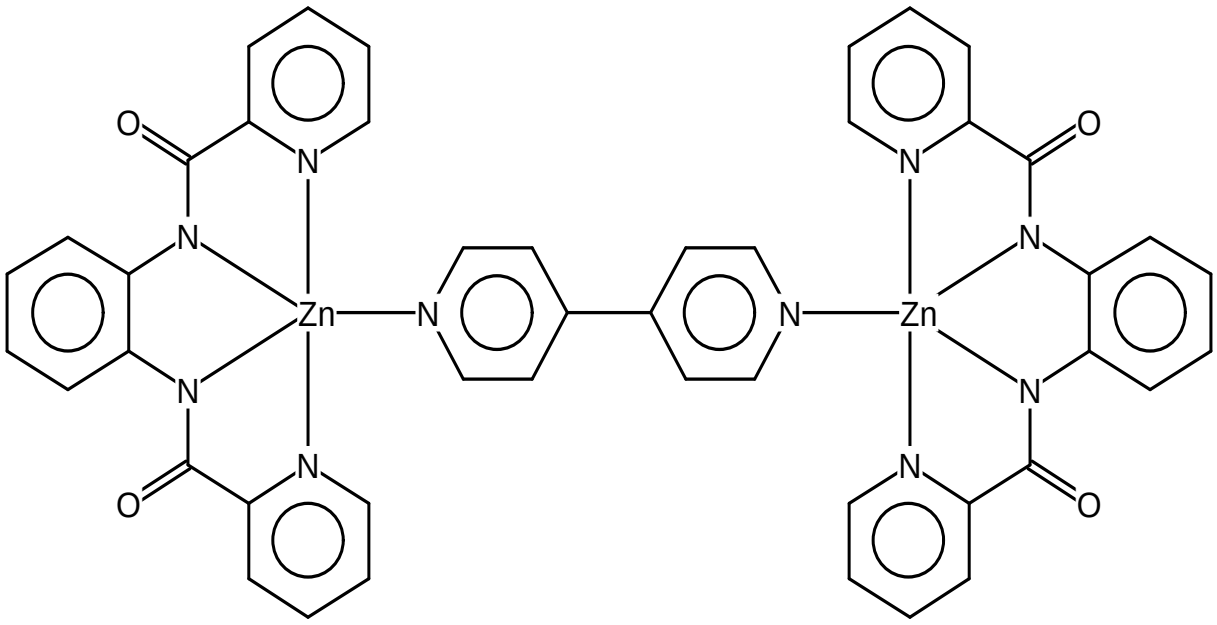
Reference: Kai-Qi Ye, Ying Wu, Jian-Hua Guo, Ying-Hui Sun, Yue Wang (2005)
Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition)) , **26,**93

Formula: $C_{46}\ H_{32}\ N_{10}\ O_4\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(1,2-bis(2-pyridinecarboxamido)benzene)-di-zinc(ii)

Space Group:	P-1	***Cell:***	***a*** 9.625(0)	***b*** 15.012(0)	***c*** 16.425(1)
Space Group No.:	2	***(Å,°)***	α 106.96(0)	β 105.36(0)	γ 102.98(0)

R-Factor (%): 3.67 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.476



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2309

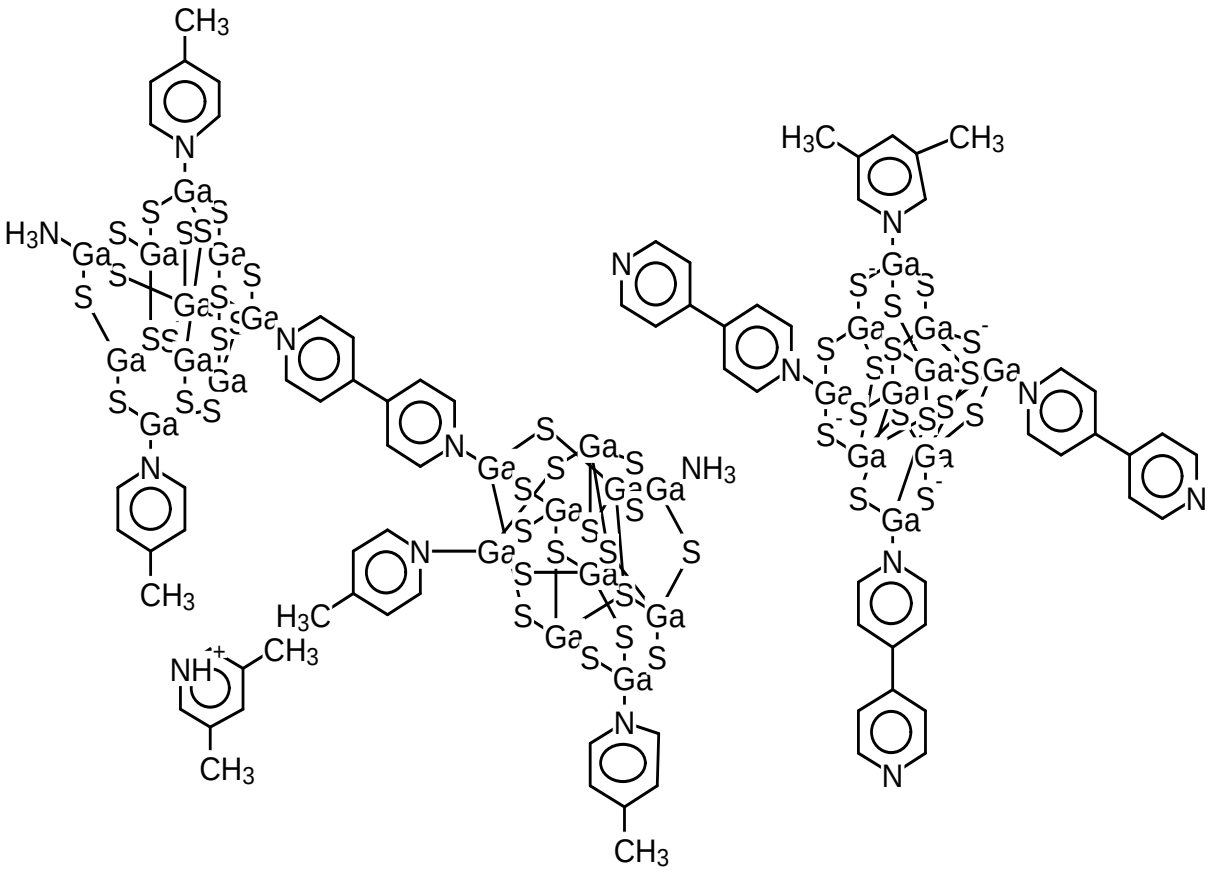
SONYEA

Reference: P.Vaqueiro, M.L.Romero (2009) *Inorg.Chem.* ,**48,**810

Formula: $4(C_7\ H_{10}\ N_1\ ^{1+}),C_{37}\ H_{33}\ Ga_{10}\ N_7\ S_{16}\ ^{4-},C_{34}\ H_{42}\ Ga_{20}\ N_8\ S_{32}$

Compound Name: tetrakis(3,5-Dimethylpyridinium) tetrakis(μ_3-sulfido)-dodecakis(μ_2-sulfido)-(3-methylpyridyl)-tris(4,4'-bipyridine)-deca-gallium octakis(μ_3-sulfido)-(μ_2-4,4'-bipyridine)-tetracosakis(μ_2-sulfido)-tetrakis(3-methylpyridyl)-diamino-icosakis-gallium

Space Group:	P21/m	***Cell:***	***a***	14.853(0)	***b***	34.153(1)	***c*** 21.032(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β	91.63(0)	γ 90.00
R-Factor (%):	4.31	***Temperature(K):***	100		***Density(g/cm^3):***		1.620



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2310

SOQCOR

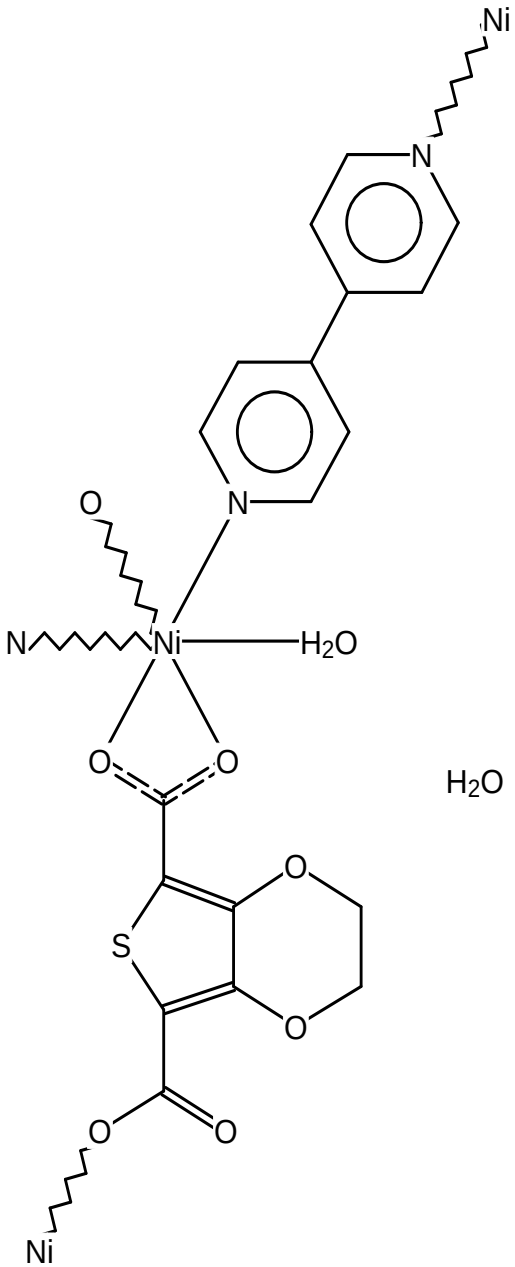
Reference: Cui-Lian Guo, Xin Zhuo, Yi-Zhi Li, He-Gen Zheng (2009) *Inorg.Chim.Acta* ,**362,**491

Formula: $(C_{18}\ H_{14}\ N_2\ Ni_1\ O_7\ S_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-2,3-Dihydrothieno(3,4-b)(1,4)dioxine-5,7-dicarboxylato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-aqua-nickel(ii) trihydrate)

Space Group:	P21/n	***Cell:***	***a***	7.699(3)	***b*** 16.240(5)	***c***	16.724(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.70(0)	γ	90.00

R-Factor (%):	6.42	***Temperature(K):***	293	***Density(g/cm^3):***	1.671



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2311

SOQDEI

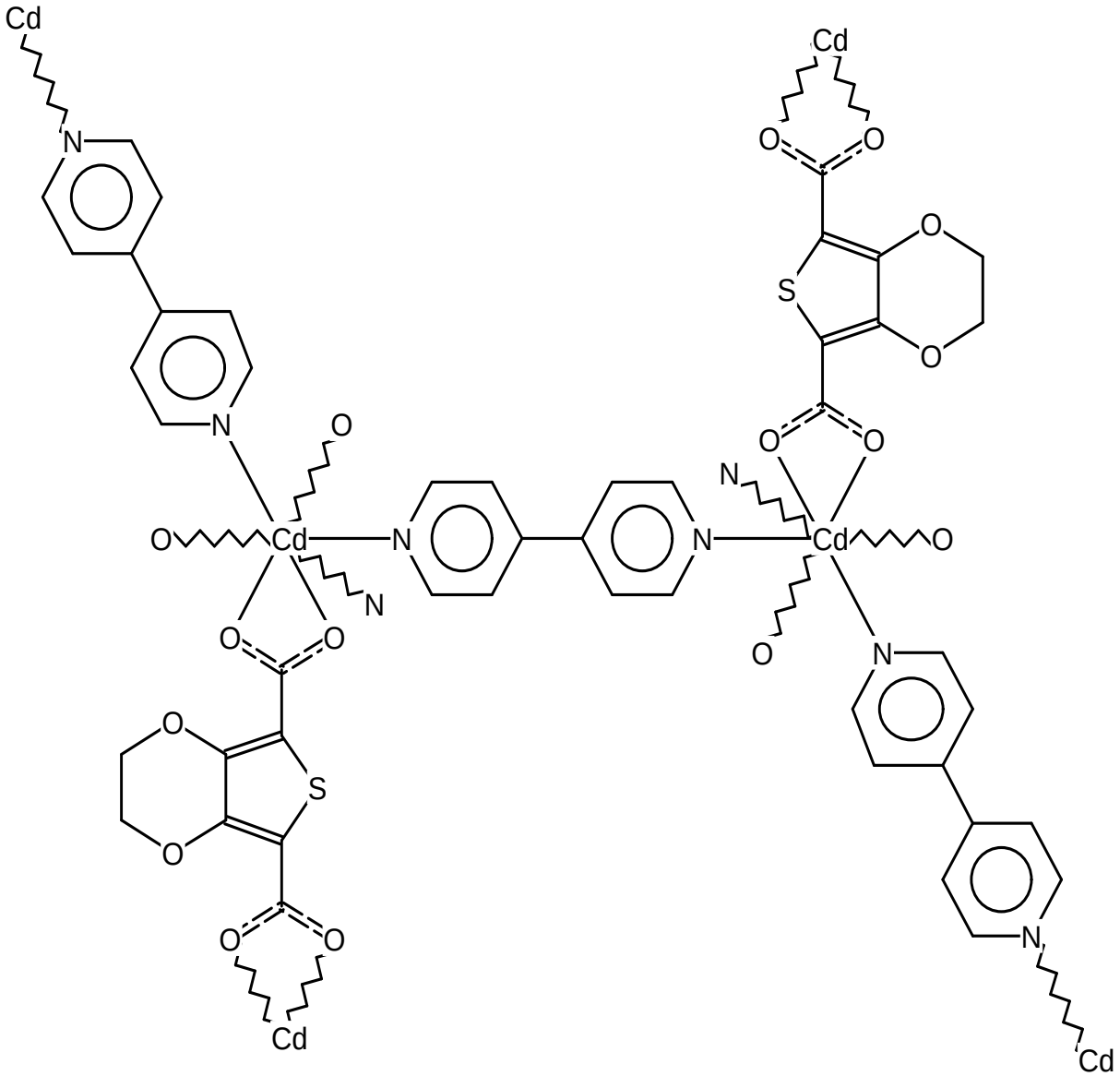
Reference: Cui-Lian Guo, Xin Zhuo, Yi-Zhi Li, He-Gen Zheng (2009) *Inorg.Chim.Acta* ,**362,**491

Formula: $(C_{46}\ H_{32}\ Cd_2\ N_6\ O_{12}\ S_2)n$

Compound Name: catena-(bis(μ_2-2,3-Dihydrothieno(3,4-b)(1,4)dioxine-5,7-dicarboxylato-O,O',O'',O''')-tris(μ_2-4,4'-bipyridine-N,N')-di-cadmium(ii))

Space Group:	P21	***Cell:***	***a***	10.176(2)	***b*** 18.448(4)	***c***	11.719(2)
Space Group No.:	4	***(Å,°)***	α	90.00	β 104.39(0)	γ	90.00

R-Factor (%): 5.07 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.792



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2312

SORDUZ

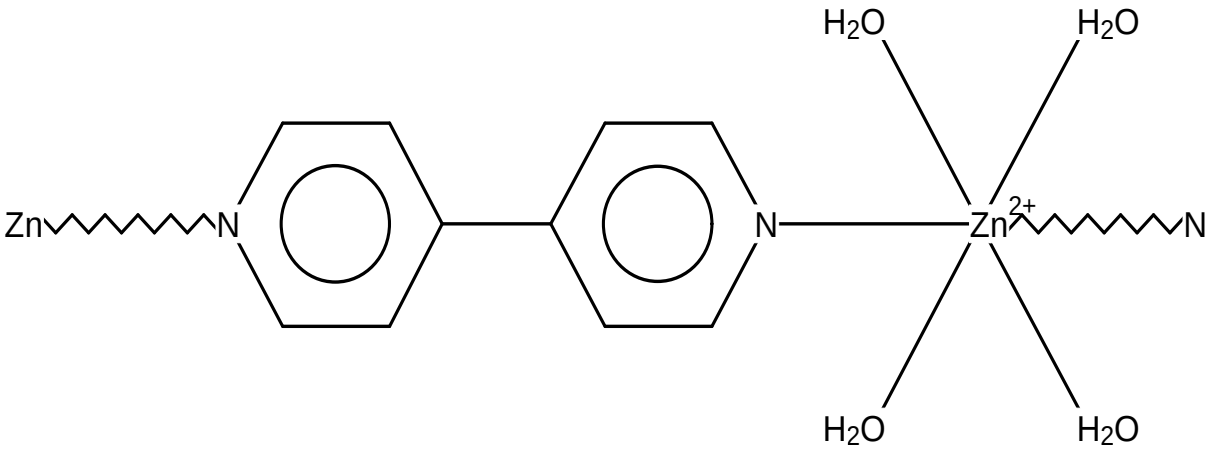
Reference: Lu-Fang Ma, Jian-Qiang Liu, Li-Ya Wang (2007)
Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem. ,**37,**501

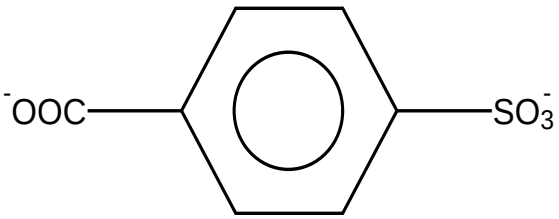
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_7\ H_4\ O_5\ S_1\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-zinc(ii) 4-sulfonatobenzoate monohydrate)

Space Group:	Pca21	***Cell:***	***a***	12.179(0)	***b***	11.342(0)	***c***	14.757(1)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.19 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.668





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2313

SORDUZ01

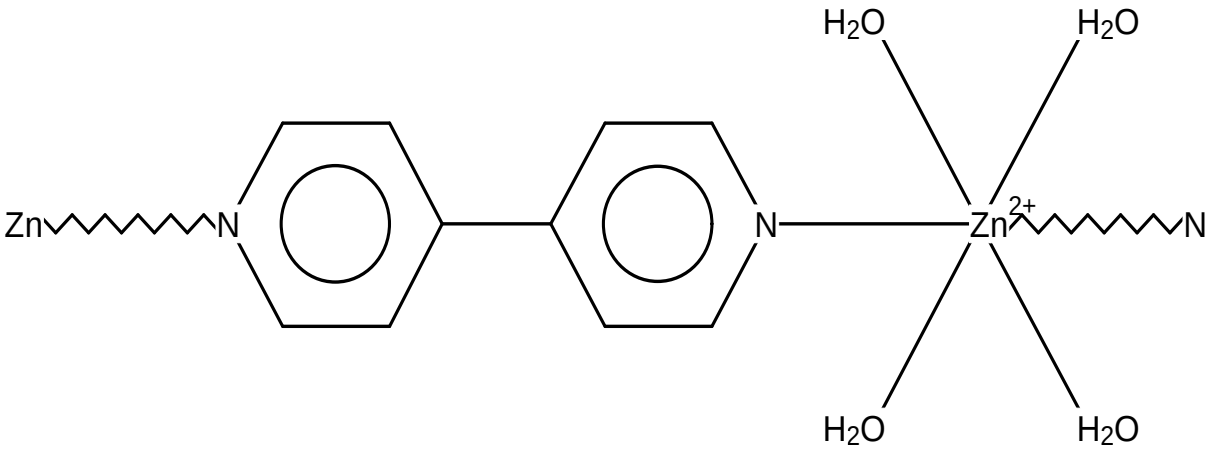
Reference: Lu-Fang Ma, Jian-Qiang Liu, Li-Ya Wang (2007)
Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem. ,**37,**647

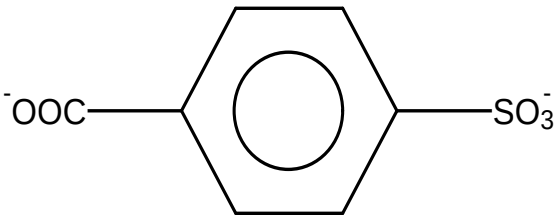
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_7\ H_4\ O_5\ S_1\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-tetra-aqua-zinc(ii) 4-sulfonatobenzoate monohydrate)

Space Group:	Pca21	***Cell:***	***a***	12.179(0)	***b***	11.342(0)	***c***	14.757(1)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.19 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.668





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2314

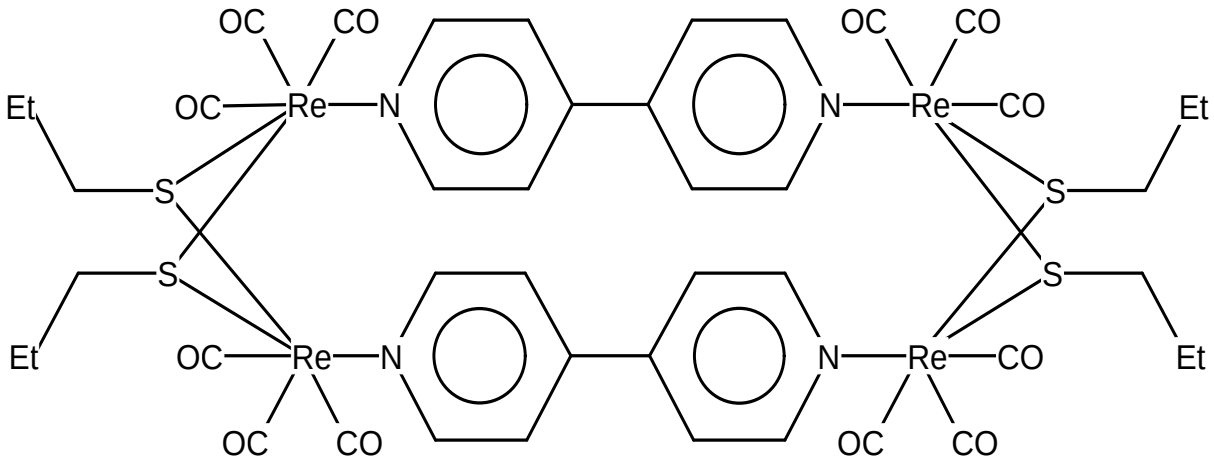
SUGNUD

Reference: K.D.Benkstein, J.T.Hupp, C.L.Stern (1998) *Inorg.Chem.* , **37,**5404

Formula: $C_{44}\ H_{44}\ N_4\ O_{12}\ Re_4\ S_4$

Compound Name: bis((μ_2-4,4'-Bipyridyl)-bis(μ_2-propanethiolato)-hexacarbonyl-di-rhenium)

Space Group:	P21/n	***Cell:***	***a***	9.323(3)	***b***	17.644(4)	***c***	15.695(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.92(2)	γ	90.00
R-Factor (%):	3.28	***Temperature(K):***	153		***Density(g/cm^3):***		2.182	



Search: search1 (Thu May 26 10:05:42 2011): Hit 2315

SUPLOF

Reference: T.Yamada, H.Kitagawa (2009) *J.Am.Chem.Soc.* ,**131,**6312

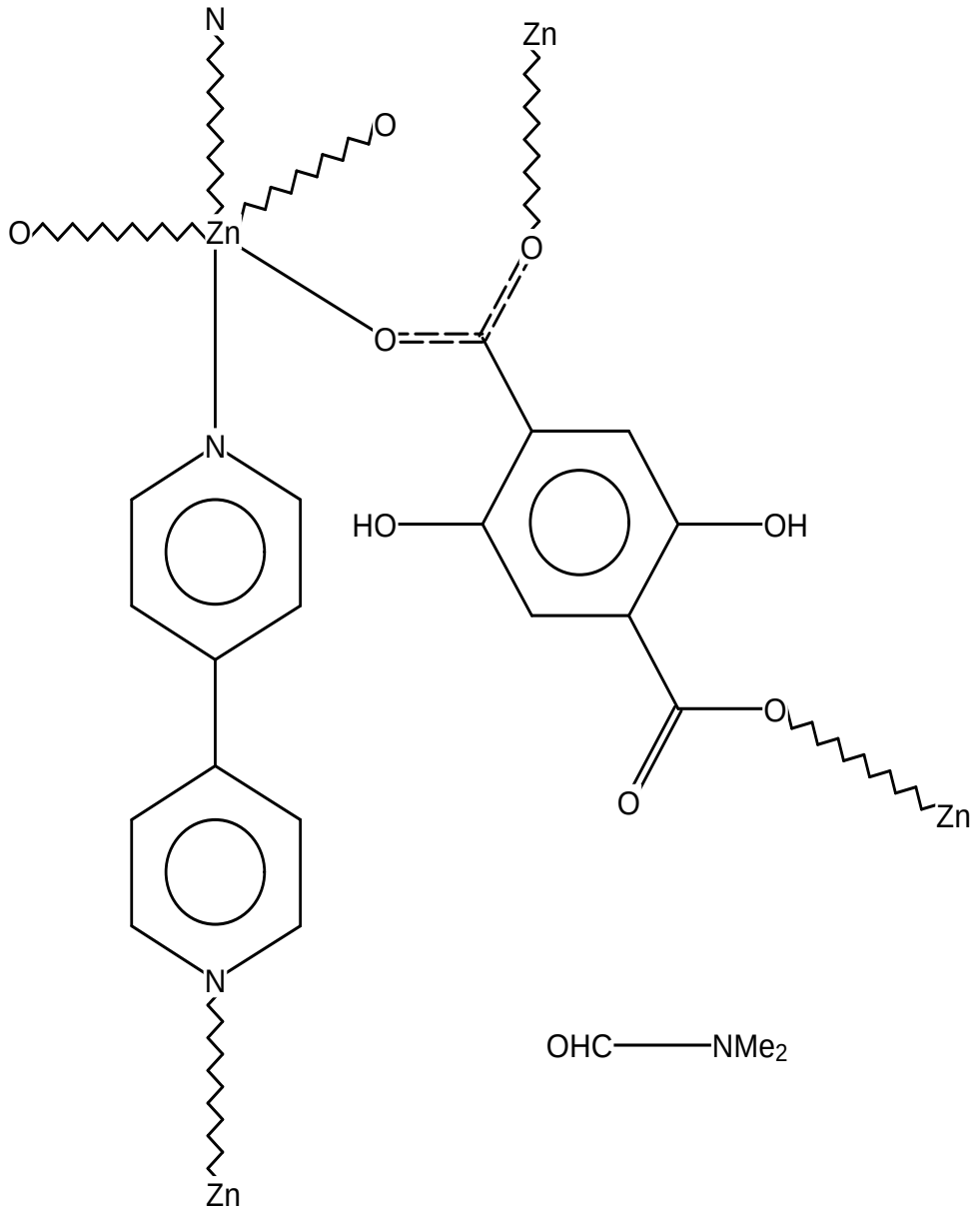
Formula: $(C_{18}\ H_{12}\ N_2\ O_6\ Zn_1)n,4n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[(μ_3-2,5-Dihydroxyterephthalato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-zinc(ii) N,N-dimethylformamide solvate]

Synonym: catena-[(μ_3-2,5-Dihydroxybenzene-1,4-dicarboxylato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-zinc(ii) N,N-dimethylformamide solvate]

Space Group:	P-421c	***Cell:***	***a***	17.480(20)	***b***	17.480(20)	***c***	22.690(20)
Space Group No.:	114	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.37 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.361



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2316

SUPQAW

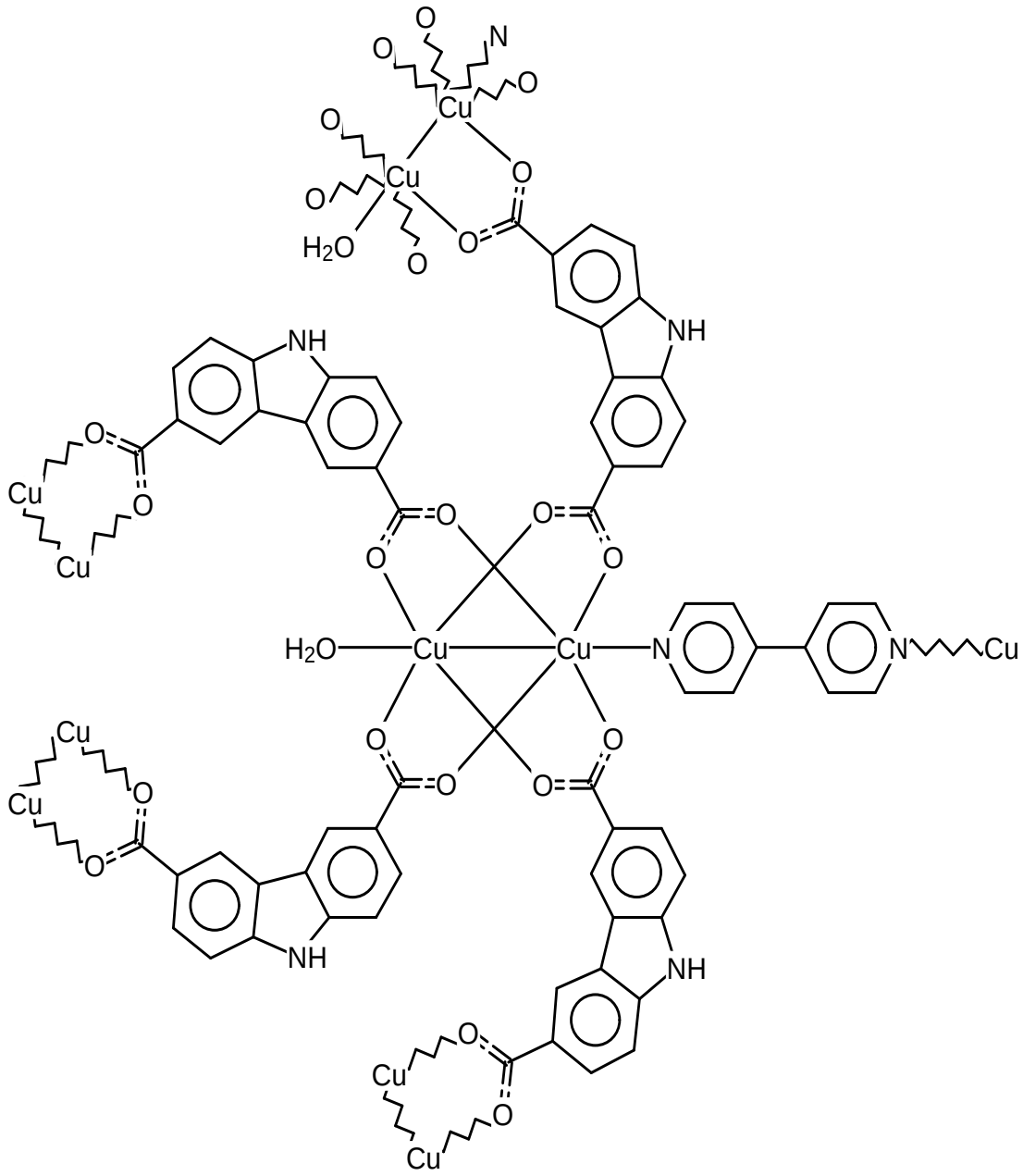
Reference: Jian-Rong Li, D.J.Timmons, Hong-Cai Zhou (2009) *J.Am.Chem.Soc. ,***131,**6368

Formula: $(C_{66}\ H_{40}\ Cu_4\ N_6\ O_{18})n$

Compound Name: catena-[tetrakis(μ_4-9H-Carbazole-3,6-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-diaqua-tetra-copper unknown solvate]

Space Group:	Im-3m	***Cell:***	***a***	30.552(1)	***b***	30.552(1)	***c***	30.552(1)
Space Group No.:	229	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.96 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 0.510



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2317

SUTLAU

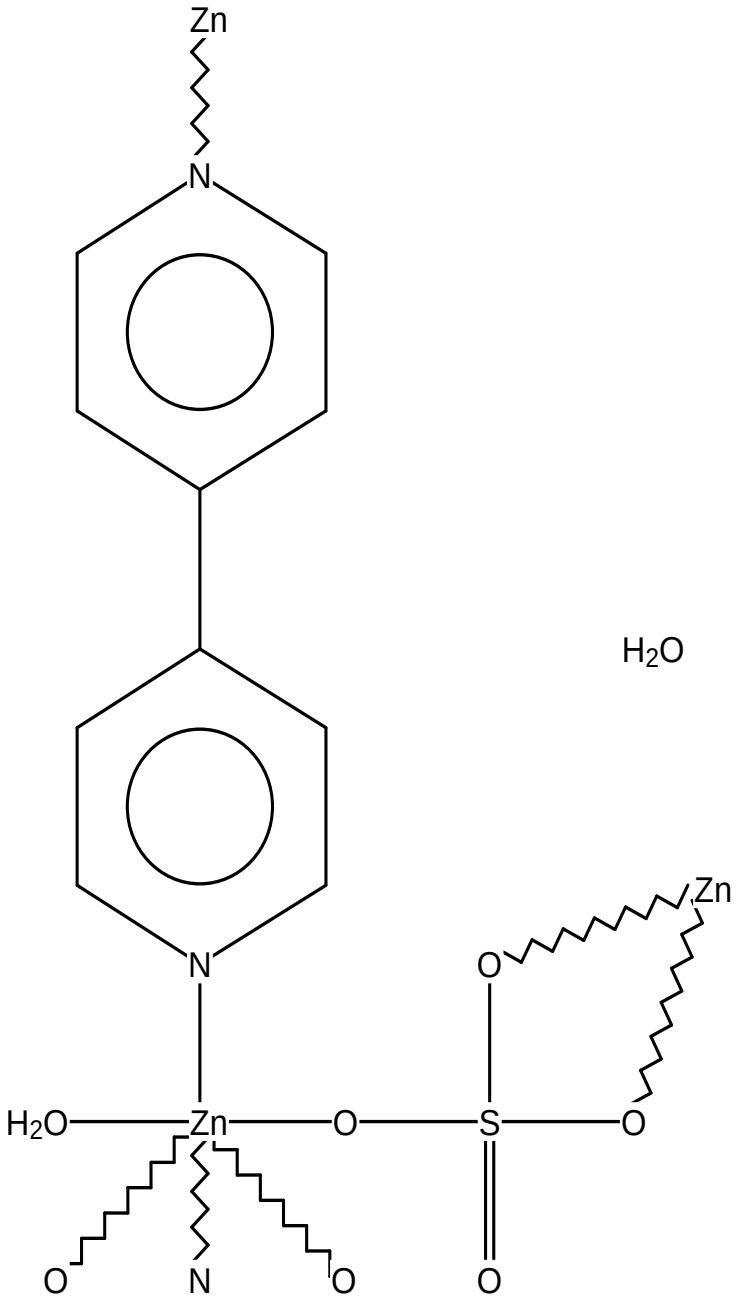
Reference: Songping D.Huang, Ren-Gen Xiong, P.H.Sotero (1998)
*J.Solid State Chem. ,***138,**361

Formula: $(C_{10}\ H_{10}\ N_2\ O_5\ S_1\ Zn_1)n,0.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-aqua-(μ_2-sulfato-O,O',O'')-zinc hemihydrate)

Space Group:	C2/c	***Cell:***	***a***	20.545(1)	***b***	9.649(0)	***c***	12.395(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	104.09(0)	γ	90.00

R-Factor (%):	3.10	***Temperature(K):***	295	***Density(g/cm^3):***	1.921



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2318

SUVVIO

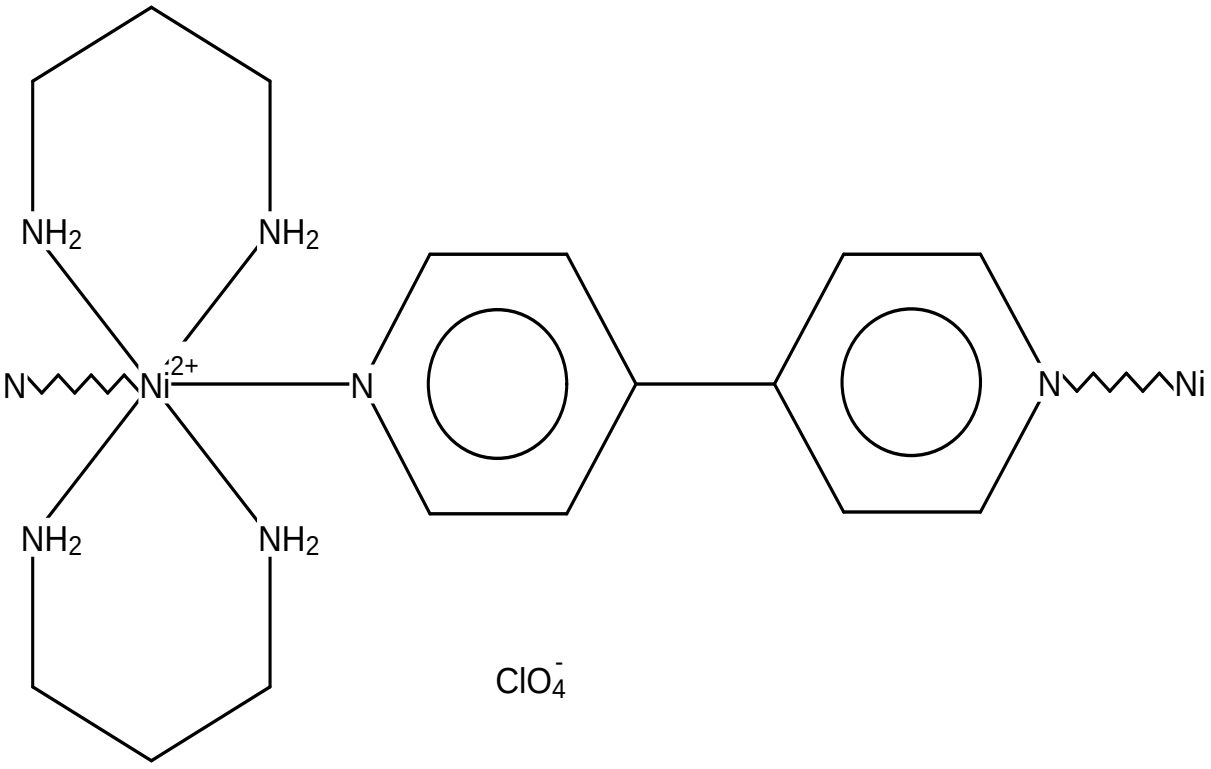
Reference: Ye-Xiang Tong, Ming-Liang Tong, Xiao-Lan Yu, Xiao-Ming Chen (1999)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**55,**180

Formula: $(C_{16}\ H_{28}\ N_6\ Ni_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(1,3-diaminopropane)-nickel(ii) diperchlorate)

Space Group:	C2/c	***Cell:***	***a***	14.348(6)	***b***	11.493(6)	***c*** 13.936(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.43(4)	γ 90.00

R-Factor (%): 3.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2319

SUWZUF

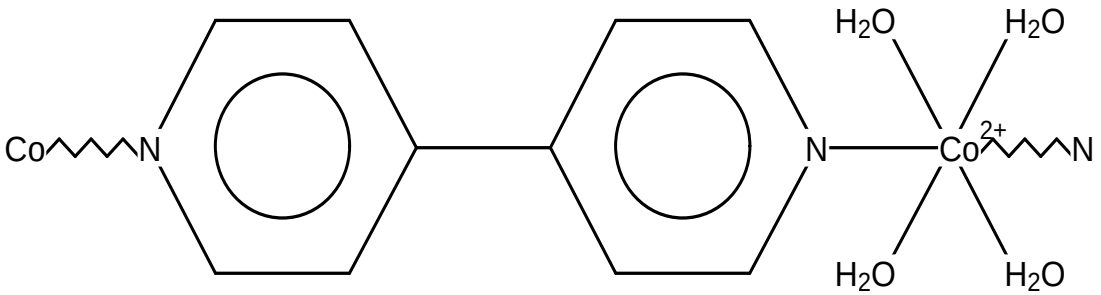
Reference: J.Y.Lu, C.Norman, K.A.Abboud, A.Ison (2001)
Inorg.Chem.Commun. ,**4,**459

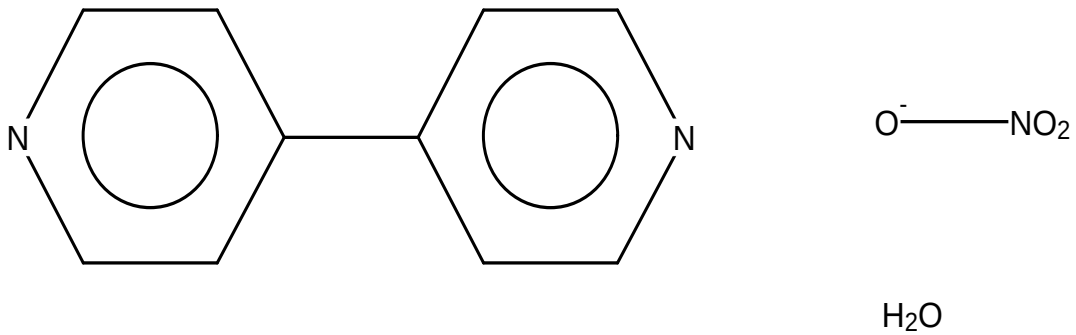
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})2n,4n(C_{10}\ H_8\ N_2),4n(N_1\ O_3\ ^{1-}),7n(H_2\ O_1)$

Compound Name: catena-[bis((μ$_2$-4,4'-Bipyridyl)-tetra-aqua-cobalt bis(4,4'-bipyridine) dinitrate) heptahydrate]

Space Group:	P-1	***Cell:***	***a***	10.832(0)	***b***	11.371(0)	***c***	15.217(0)
Space Group No.:	2	***(Å,°)***	α	76.95(0)	β	84.55(0)	γ	77.90(0)

R-Factor (%): 5.52 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.465





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2320

SUXMON

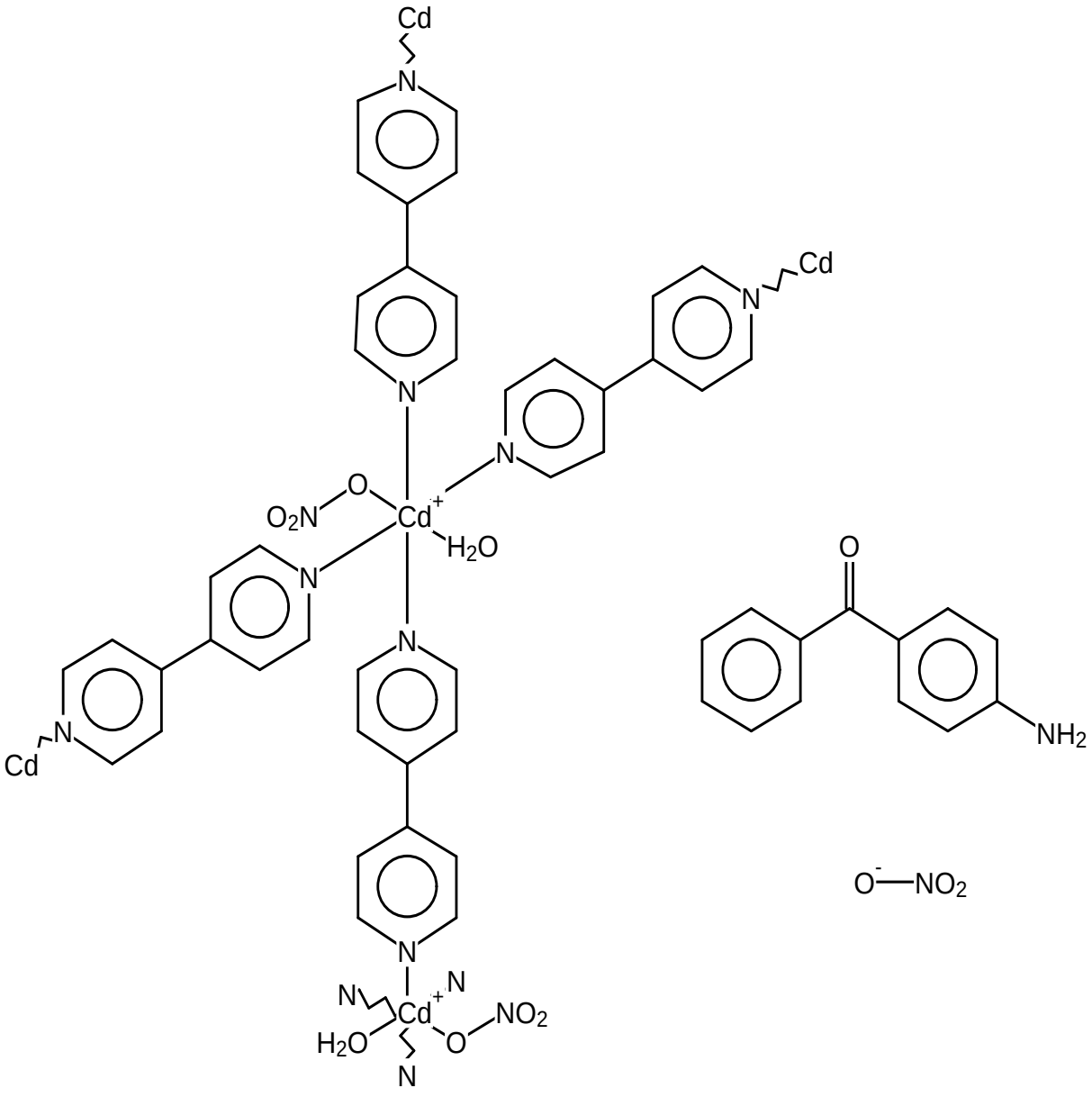
Reference: Zhi-Yong Fu, Ping Lin, Wen-Xin Du, Ling Chen, Chuan-Peng Cui, Wen-Jian Zhang, Xin-Tao Wu (2001) *Polyhedron* ,**20,** 1925

Formula: $(C_{40}\ H_{36}\ Cd_2\ N_{10}\ O_8\ ^{2+})n,4n(C_{13}\ H_{11}\ N_1\ O_1),2n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(Aqua-(nitrato-O)-bis(μ_2-4,4-bipyridyl)-cadmium bis(4-aminobenzophenone) nitrate clathrate)

Space Group:	P21/n	***Cell:***	***a***	8.583(2)	***b***	31.521(6)	***c*** 16.259(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.02(3)	γ 90.00

R-Factor (%): 6.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2321

SUYFAT

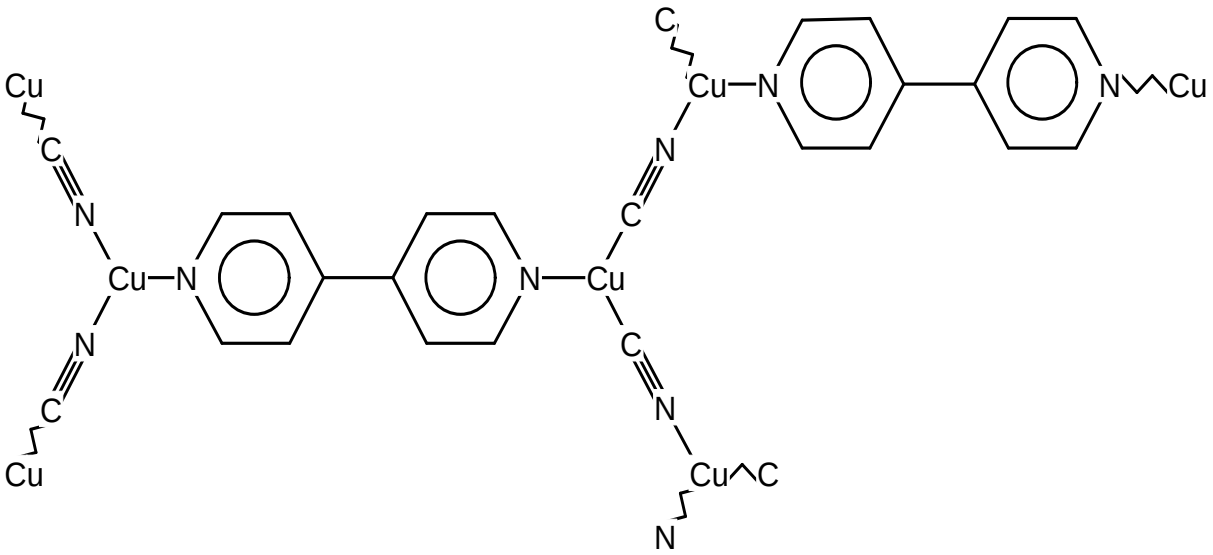
Reference: D.J.Chesnut, D.Plewak, J.Zubieta (2001)
J.Chem.Soc.,Dalton Trans. ,2567

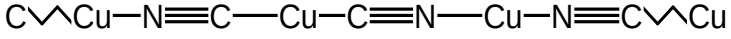
Formula: $(C_{24}\ H_{16}\ Cu_4\ N_8)n,n(C_3\ Cu_3\ N_3)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-cyano)-tetra-copper(i) tris(μ_2-cyano)-tri-copper(i))

Space Group:	P-1	***Cell:***	***a***	7.901(2)	***b***	8.367(2)	***c*** 11.814(3)
Space Group No.:	2	***(Å,°)***	α	82.37(0)	β	74.78(0)	γ 86.05(0)

R-Factor (%): 6.50 ***Temperature(K):*** 115 ***Density(g/cm^3):*** 2.090





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2322

TABKEN

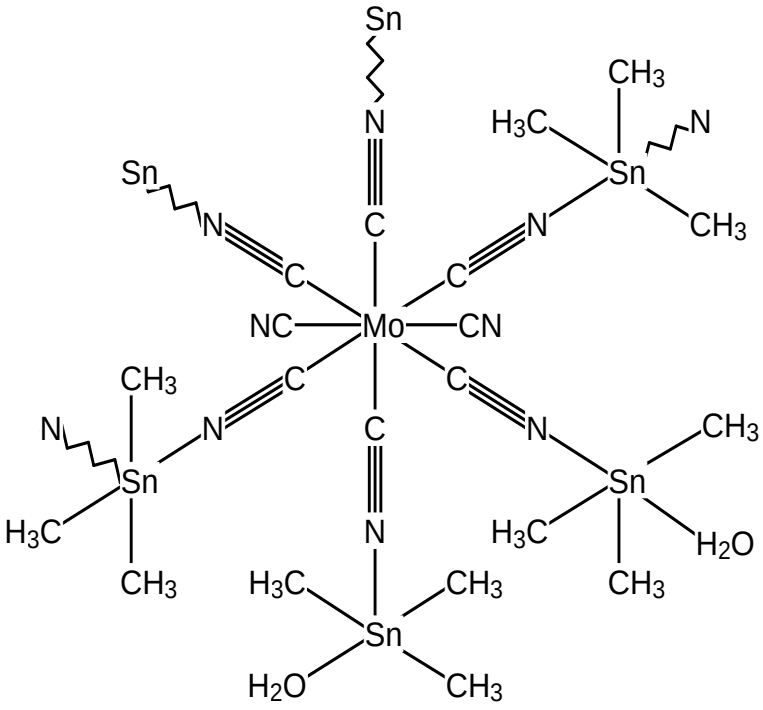
Reference: R.Eckhardt, H.Hanika-Heidl, R.D.Fischer (2003)
Chem.-Eur.J. ,**9,**1795

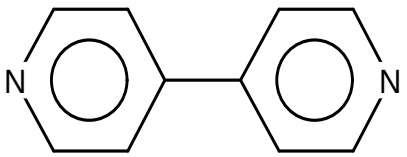
Formula: $(C_{20}\ H_{40}\ Mo_1\ N_8\ O_2\ Sn_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(hexakis(μ_2-Cyano)-diaqua-dicyano-dodecamethyl-molybdenum-tetra-tin 4,4'-bipyridine clathrate)

Space Group:	C2/c	***Cell:***	***a***	16.797(7)	***b*** 12.464(7)	***c***	22.240(10)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.43(5)	γ	90.00

R-Factor (%): 3.52 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.731





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2323

TABLIS

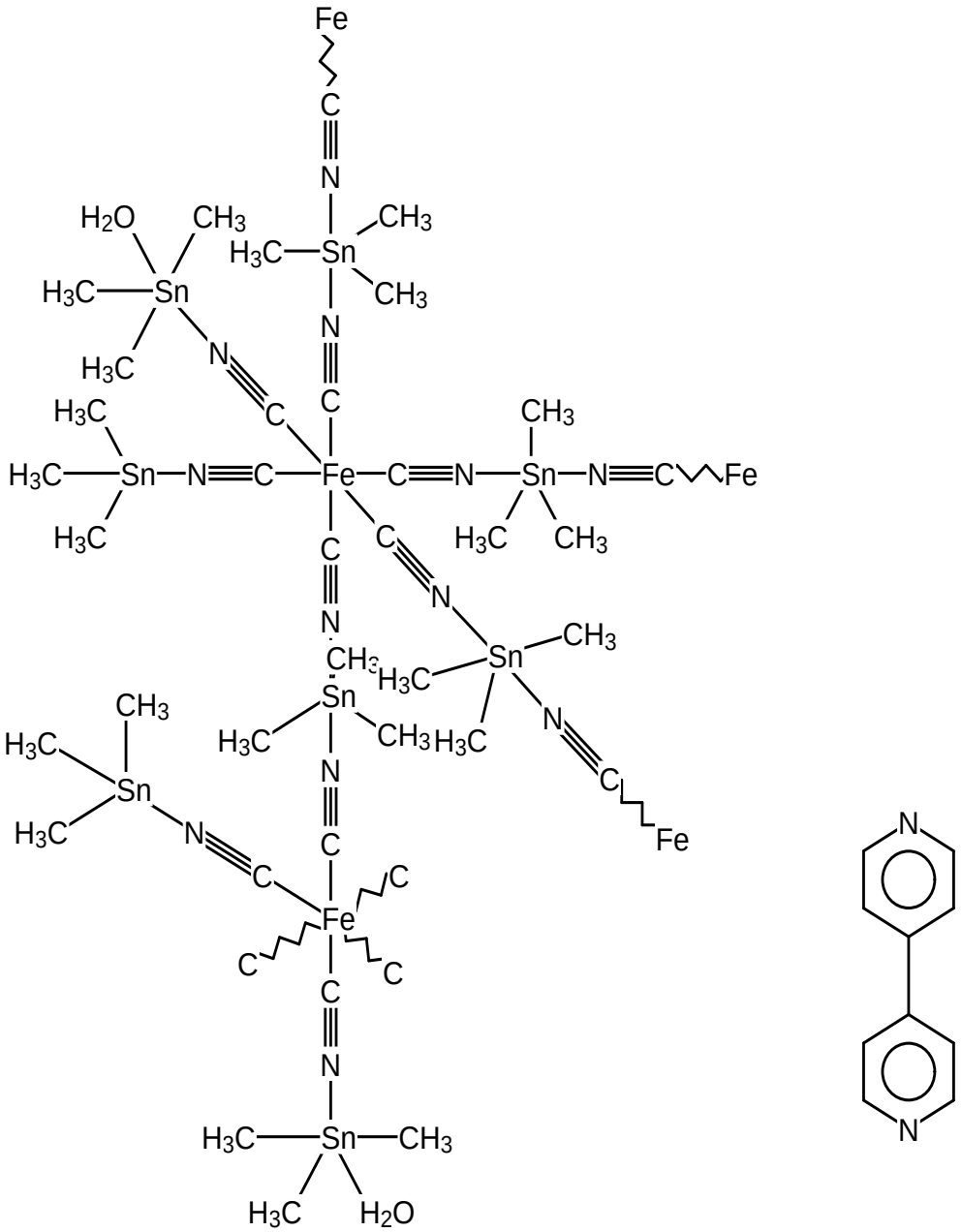
Reference: R.Eckhardt, H.Hanika-Heidl, R.D.Fischer (2003)
Chem.-Eur.J. ,**9,**1795

Formula: $(C_{36}\ H_{76}\ Fe_2\ N_{12}\ O_2\ Sn_8)n,3n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(dodecakis(μ_2-Cyano)-diaqua-tetracosamethyl-di-iron-octa-tin tris(4,4'-bipyridine) clathrate)

Space Group:	Fdd2	***Cell:***	***a***	28.876(16)	***b***	59.140(40)	***c***	10.498(6)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.27 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.659



Search: search1 (Thu May 26 10:05:42 2011): Hit 2324

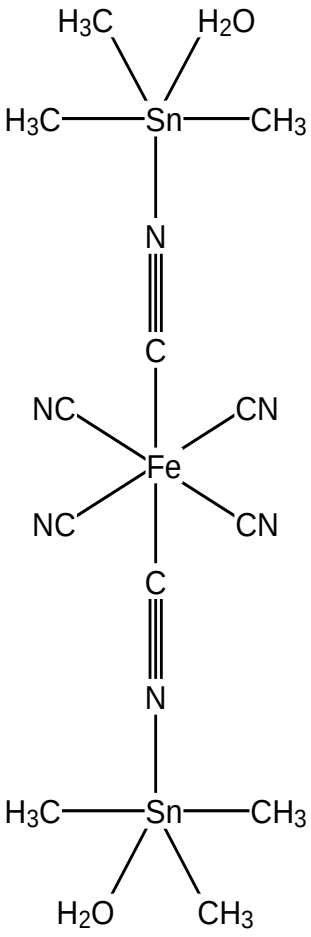
TABLOY

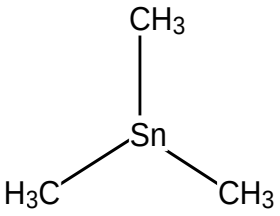
Reference: R.Eckhardt, H.Hanika-Heidl, R.D.Fischer (2003)
Chem.-Eur.J. ,**9,**1795

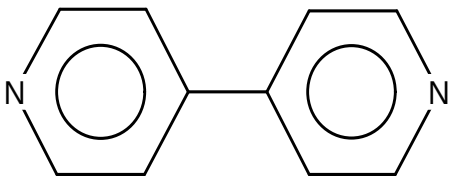
Formula: $C_{12}\ H_{22}\ Fe_1\ N_6\ O_2\ Sn_2, C_{10}\ H_8\ N_2, C_3\ H_9\ Sn_1, 2(H_2\ O_1)$

Compound Name: bis(μ_2-Cyano)-diaqua-tetracyano-hexamethyl-iron-di-tin trimethyl-tin 4,4-bipyridine dihydrate clathrate

Space Group:	P21/n	***Cell:***	***a***	10.416(0)	***b***	19.412(0)	***c***	20.669(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.50(0)	γ	90.00
R-Factor (%):	3.60	***Temperature(K):***	153		***Density(g/cm^3):***	1.501		







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2325

TABLUE

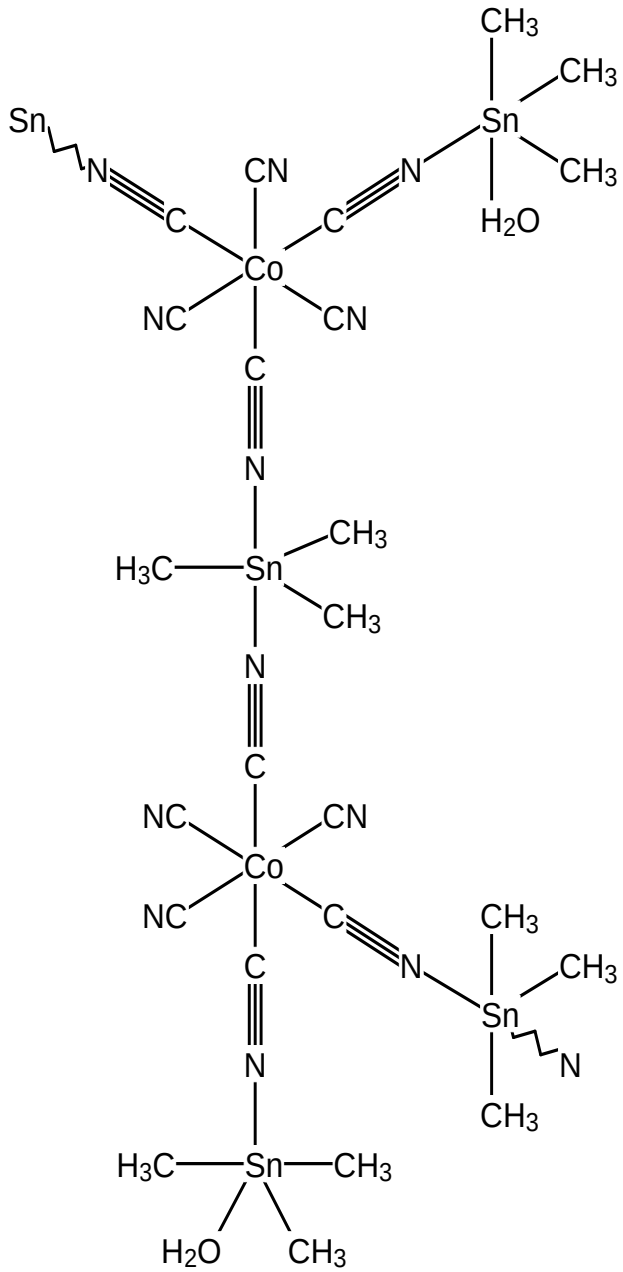
Reference: R.Eckhardt, H.Hanika-Heidl, R.D.Fischer (2003)
Chem.-Eur.J. ,**9,**1795

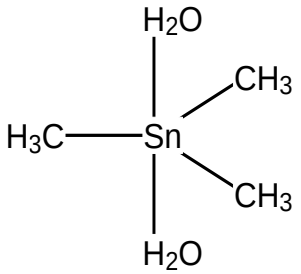
Formula: $(C_{24}\ H_{40}\ Co_2\ N_{12}\ O_2\ Sn_4)n,2n(C_3\ H_{13}\ O_2\ Sn_1),3n(C_{10}\ H_8\ N_2)$

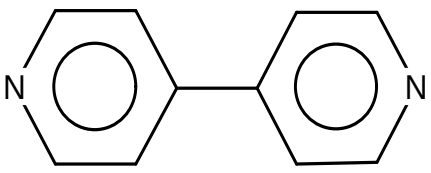
Compound Name: catena-(hexakis(μ_2-Cyano)-diaqua-hexacyano-dodecamethyl-di-cobalt-tetra-tin bis(diaqua-trimethyl-tin) tris(4,4'-bipyridine) clathrate)

Space Group:	P21/n	***Cell:***	***a***	11.758(11)	***b***	18.870(20)	***c***	19.129(12)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.86(6)	γ	90.00

R-Factor (%): 3.56 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.572







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2326

TABPES

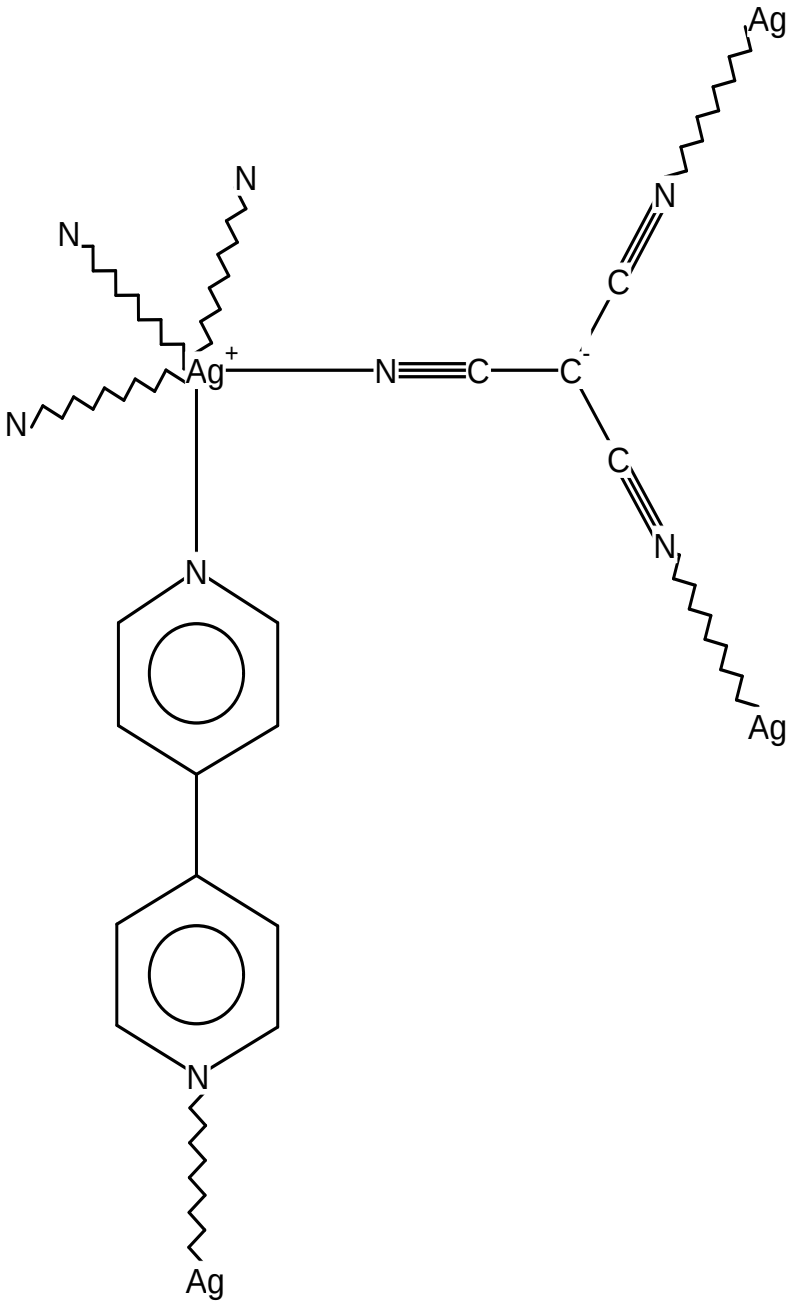
Reference: B.F.Abrahams, S.R.Batten, B.F.Hoskins, R.Robson (2003) *Inorg.Chem. ,**42,***2654

Formula: $(C_{14}\ H_8\ Ag_1\ N_5)n$

Compound Name: catena-((μ_3-Tricyanomethanide)-(μ_2-4,4'-bipyridyl)-silver(i))

Space Group:	C2/c	***Cell:***	***a***	7.353(2)	***b*** 17.082(5)	***c***	10.332(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.73(1)	γ	90.00

R-Factor (%): 2.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.845



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2327

TALBUE

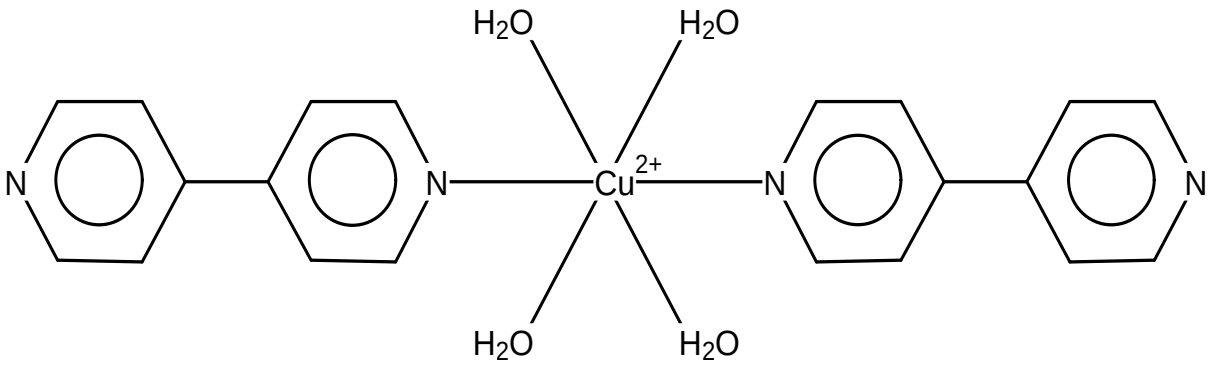
Reference: Jun Tao, Rong-Bin Huang, Lan-Sun Zheng, S.W.Ng
(2003) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***59,**m614

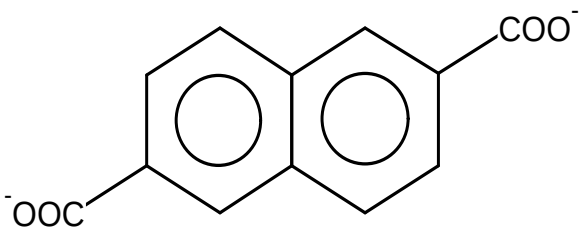
Formula: $C_{20}\ H_{24}\ Cu_1\ N_4\ O_4\ ^{2+},C_{12}\ H_6\ O_4\ ^{2-},3(H_2\ O_1)$

Compound Name: Tetra-aqua-bis(4,4'-bipyridyl)-copper(ii) 2,6-naphthalenedicarboxylate trihydrate

Space Group:	Pbcn	***Cell:***	***a***	7.406(0)	***b***	18.157(1)	***c*** 23.801(2)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.20 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.486





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2328

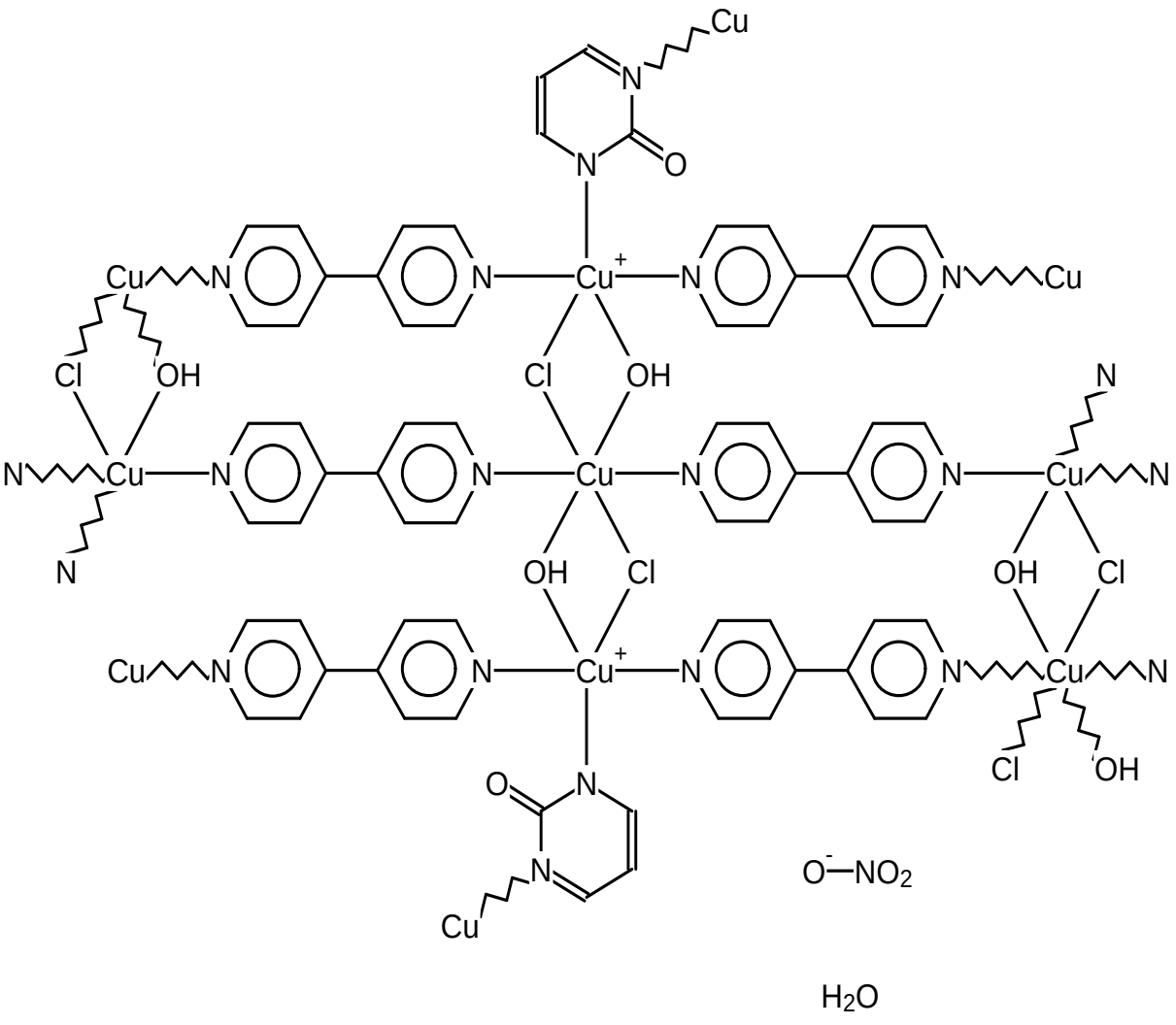
TAMWEK

Reference: E.Barea, M.Quiros, J.A.R.Navarro, J.M.Salas (2005)
Dalton Trans. ,1743

Formula: $(C_{68}\ H_{58}\ Cl_4\ Cu_6\ N_{16}\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),_1 2.5n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-chloro)-tetrakis(μ_2-hydroxo)-bis(μ_2-2-oxopyrimidine-N,N')-hexa-copper(ii) dinitrate hydrate)

Space Group:	Pnn2	***Cell:***	***a***	17.076(3)	***b***	19.341(3)	***c*** 13.481(2)
Space Group No.:	34	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	8.41	***Temperature(K):***	100	***Density(g/cm^3):***	1.542		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2329

TANREF

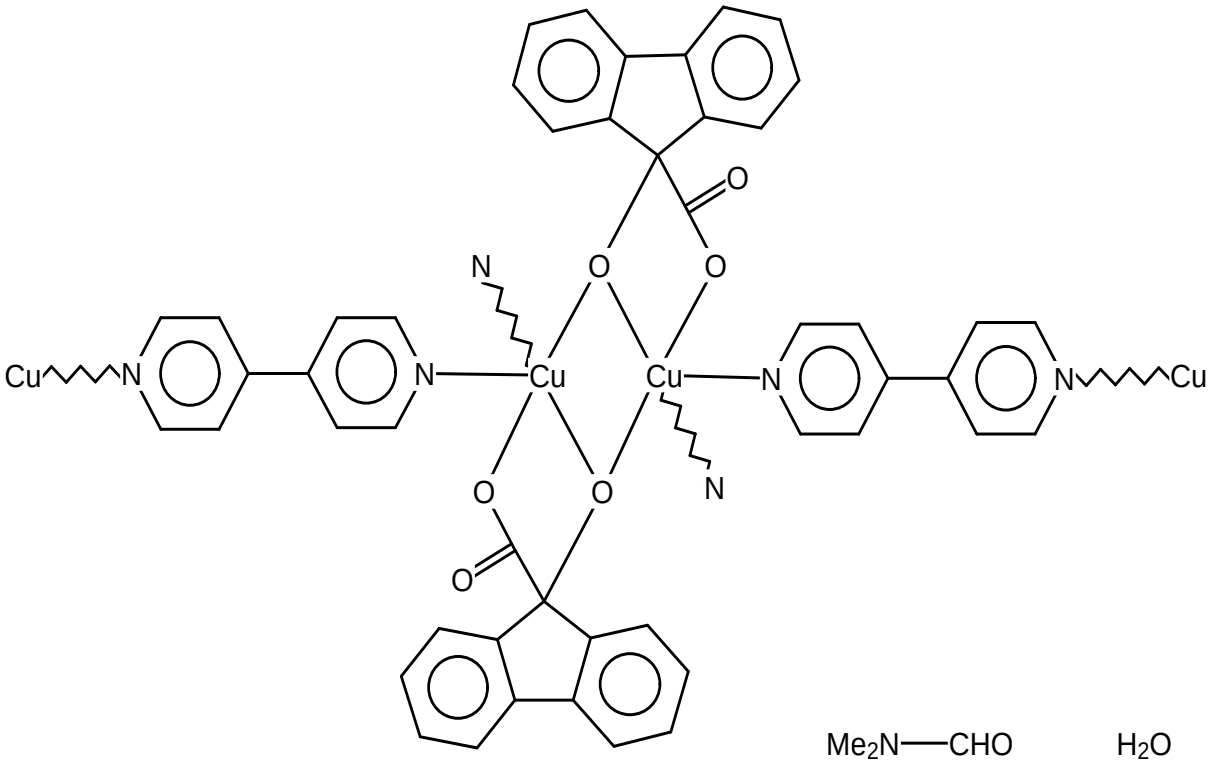
Reference: Shi-Xiong Liu (1992)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**48,**22

Formula: $(C_{48}\ H_{32}\ Cu_2\ N_4\ O_6)n,n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena(bis((μ$_2$-Bipyridyl-N,N')-(μ$_2$-9-hydroxy-9H-fluorene-9-carboxylato-O,O')-copper) dimethylformamide monohydrate)

Space Group:	P21/n	***Cell:***	***a*** 10.404(4)	***b*** 16.454(5)	***c*** 13.539(5)
Space Group No.:	14	***(Å,°)***	α 90.00	β 103.99(3)	γ 90.00

R-Factor (%): 6.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.446



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2330

TAQJIE

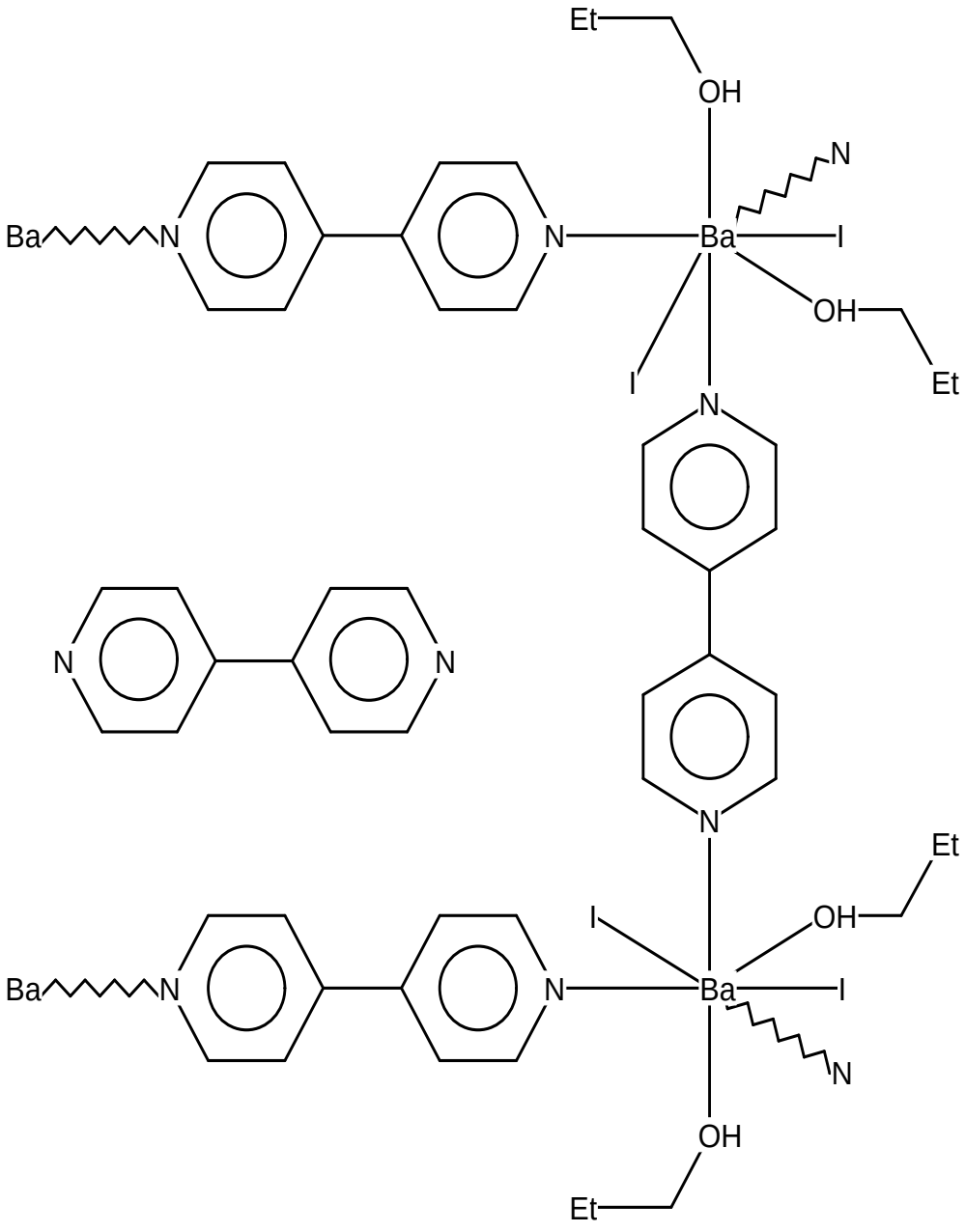
Reference: D.L.Kepert, A.F.Waters, A.H.White (1996) *Aust.J.Chem.* , **49,**117

Formula: $(C_{42}\ H_{56}\ Ba_2\ I_4\ N_6\ O_4)n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-tetrakis(propan-1-ol)-tetra-iodo-di-barium(ii) bis(4,4'-bipyridine))

Space Group:	P21/c	***Cell:***	***a***	15.467(5)	***b*** 12.639(7)	***c***	21.004(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 118.99(3)	γ	90.00

R-Factor (%): 5.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.668



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2331

TATREM

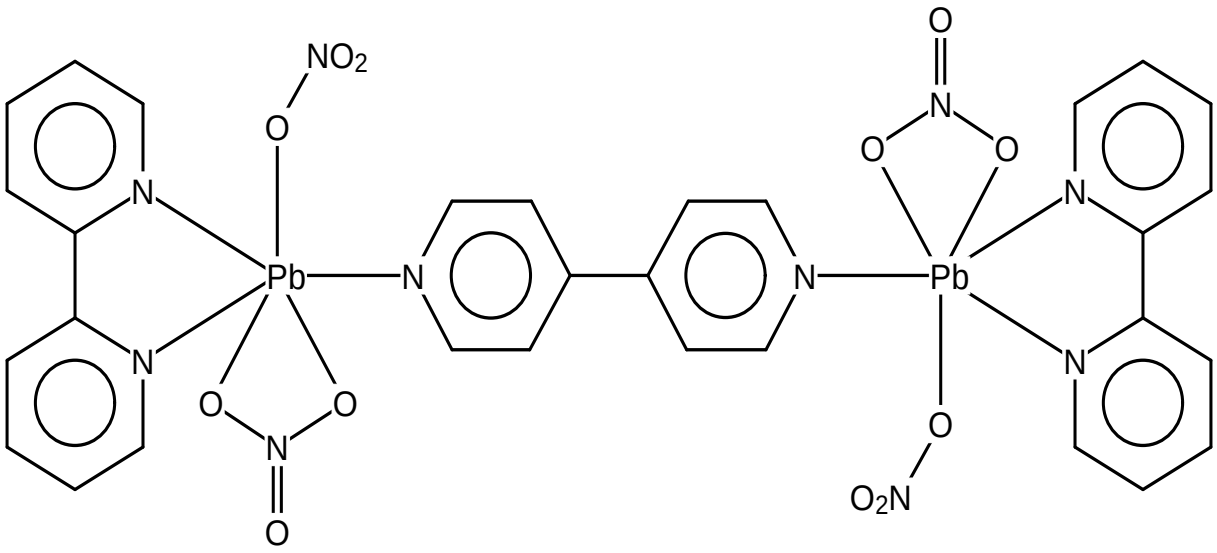
Reference: A.A.Soudi, F.Marandi, A.Morsali, Long-Guan Zhu (2005) *Inorg.Chem.Commun.* ,**8,**773

Formula: $C_{30}\ H_{24}\ N_{10}\ O_{12}\ Pb_2$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2,2'-bipyridine)-bis(nitrato-O)-bis(nitrato-O,O')-di-lead(ii)

Space Group:	I2/a	***Cell:***	***a***	20.640(1)	***b*** 7.454(0)	***c***	22.897(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.16(0)	γ	90.00

R-Factor (%): 2.59 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.174



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2332

TAWXIY

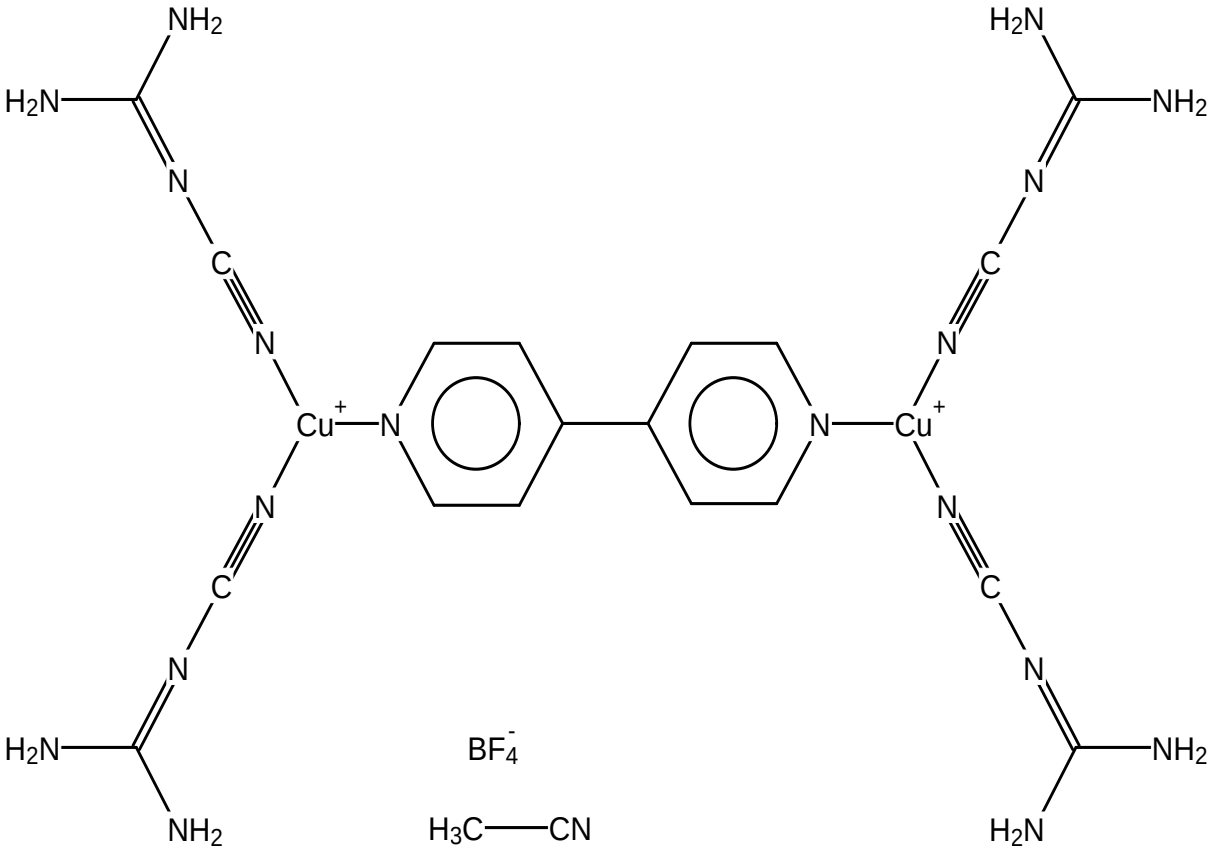
Reference: A.S.Batsanov, M.J.Begley, P.Hubberstey, J.Stroud (1996) *J.Chem.Soc.,Dalton Trans.* ,1947

Formula: $C_{18}\,H_{24}\,Cu_2\,N_{18}\,^{2+},2(B_1\,F_4\,^{1-}),C_2\,H_3\,N_1$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((2-cyanoguanidine)-copper(i)) bis(tetrafluoroborate) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a***	7.613(2)	***b*** 14.157(2)	***c***	16.330(4)
Space Group No.:	2	***(Å,°)***	α	86.19(2)	β 77.62(2)	γ	89.20(2)

R-Factor (%): 4.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.615



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2333

TAWXOE

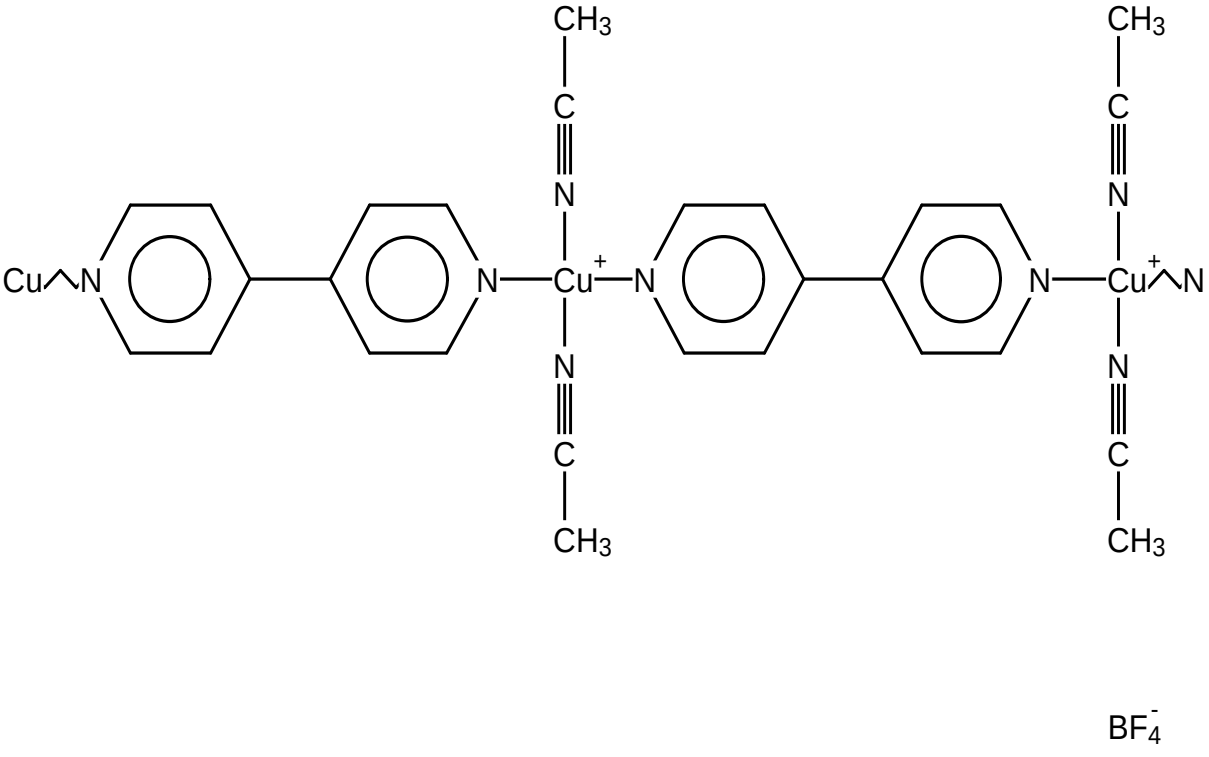
Reference: A.S.Batsanov, M.J.Begley, P.Hubberstey, J.Stroud (1996) *J.Chem.Soc.,Dalton Trans.* ,1947

Formula: $(C_{28}\ H_{28}\ Cu_2\ N_8\ ^{2+})n,2n(B_1\ F_4\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-bis(acetonitrile)-copper(i) tetrafluoroborate)

Space Group:	P21/c	***Cell:***	***a***	15.253(2)	***b*** 11.594(1)	***c***	20.752(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.53(1)	γ	90.00

R-Factor (%): 5.99 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2334

TEBKOA

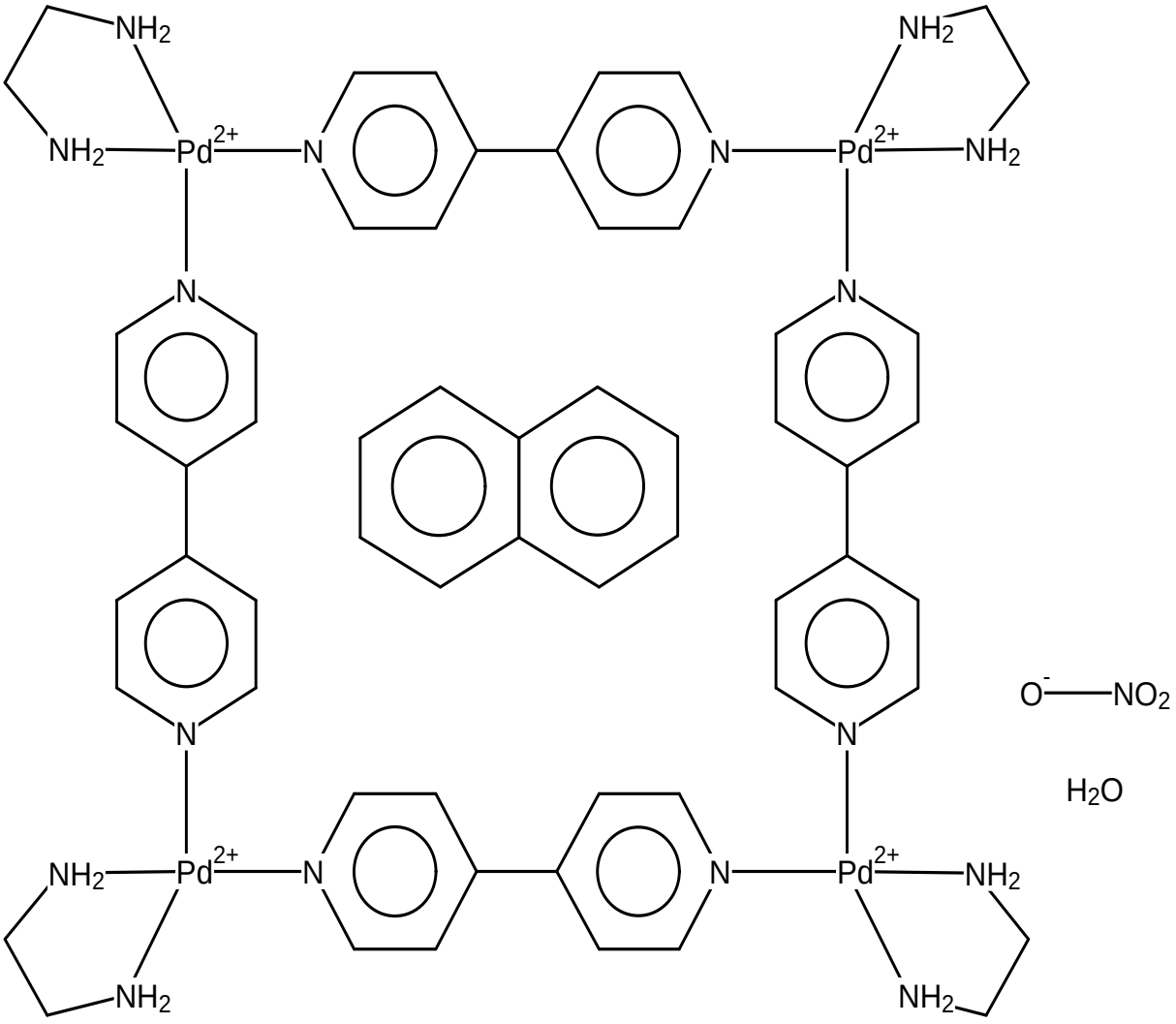
Reference: M.Fujita, O.Sasaki, T.Mitsuhashi, T.Fujita, J.Yazaki, K.Yamaguchi, K.Ogura (1996) *Chem.Commun.* ,1535

Formula: $1.5(C_{48}\ H_{64}\ N_{16}\ Pd_4\ ^{8+}),1.5(C_{10}\ H_8),12(N_1\ O_3\ ^{1-}),21(H_2\ O_1)$

Compound Name: tetrakis((μ_2-(4,4'-Bipyridine))-(ethylenediamine)-palladium) octanitrate naphthalene clathrate hydrate

Space Group:	P-1	***Cell:***	***a***	19.105(7)	***b***	22.164(5)	***c*** 19.161(9)
Space Group No.:	2	***(Å,°)***	α	109.53(3)	β	97.19(4)	γ 107.38(3)

R-Factor (%): 18.90 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2335

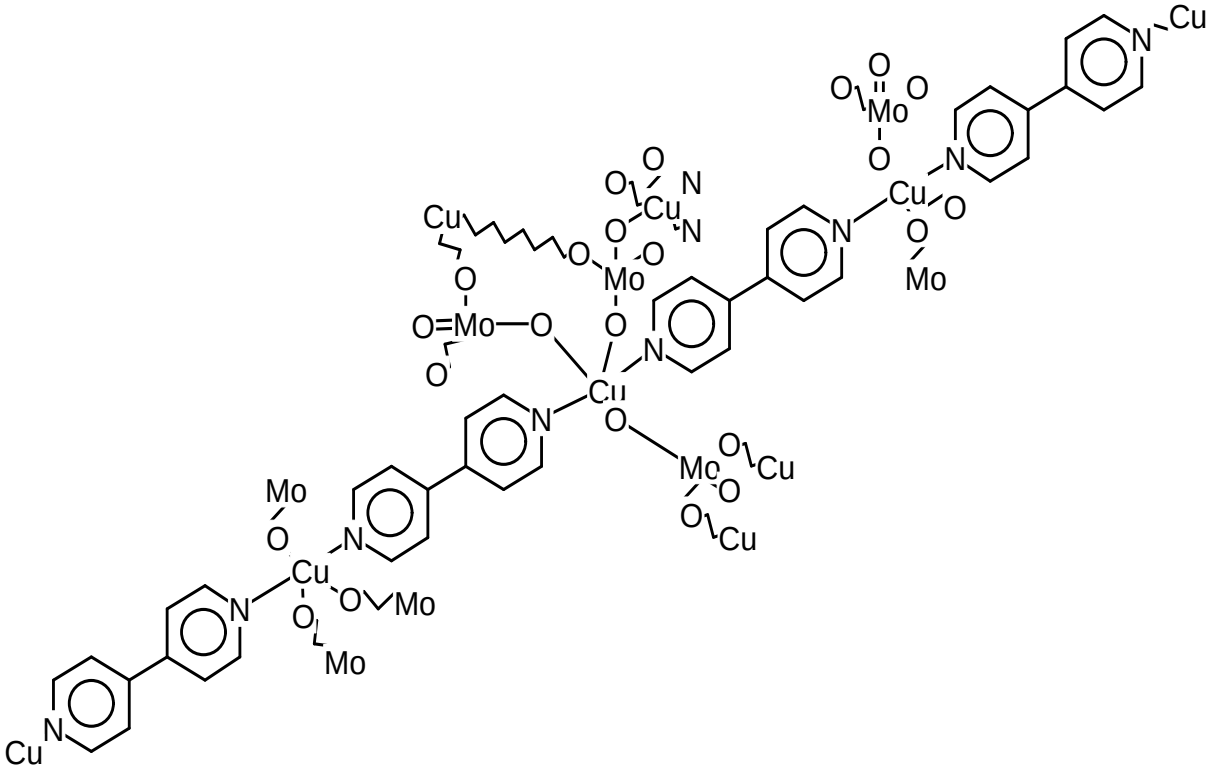
TEDDOW

Reference: Rui-Qin Fang, Yan-Fei Zhao, Xian-Ming Zhang (2006) *Inorg.Chim.Acta* ,**359,**2023

Formula: $(C_{40}\ H_{32}\ Cu_4\ Mo_4\ N_8\ O_{16})n$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-dodecakis(μ_2-oxo)-tetraoxo-tetra-copper(ii)-tetra-molybdenum)

Space Group:	P-1	***Cell:***	***a***	9.821(1)	***b***	11.524(2)	***c***	11.984(2)
Space Group No.:	2	***(Å,°)***	α	62.09(0)	β	75.58(0)	γ	78.03(0)
R-Factor (%):	6.72	***Temperature(K):***	298		***Density(g/cm^3):***		2.185	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2336

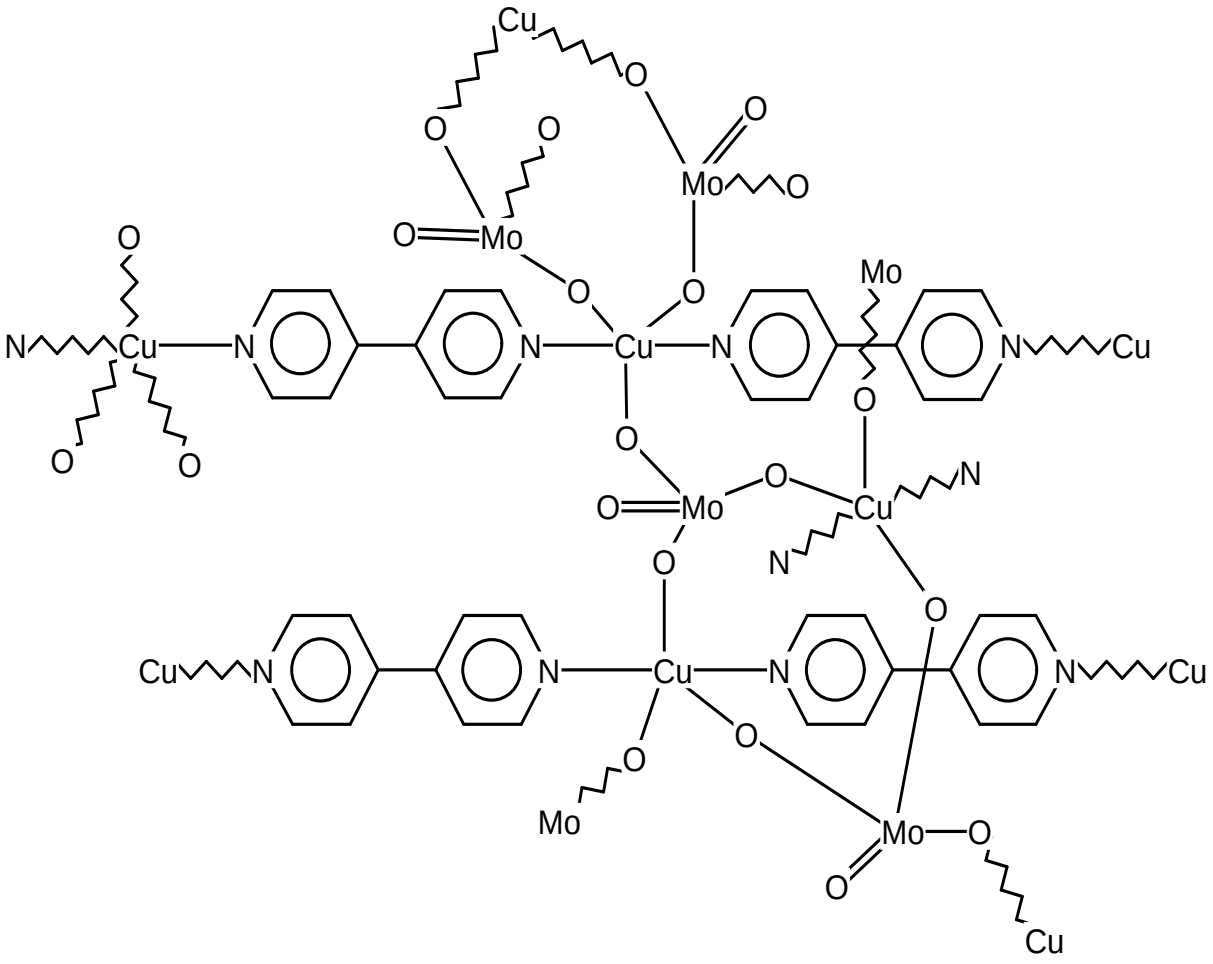
TEDDOW01

Reference: Yuhua Feng, Jun Peng, Xiquan Che, Yuxiang Gao (2006) *J.Coord.Chem.* ,**59,**1349

Formula: $(C_{40}\ H_{32}\ Cu_4\ Mo_4\ N_8\ O_{16})n$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridyl)-dodecakis(μ_2-oxo)-tetraoxo-tetra-copper(ii)-tetra-molybdenum(vi))

Space Group:	P-1	***Cell:***	***a***	9.812(2)	***b***	11.507(2)	***c***	11.987(2)
Space Group No.:	2	***(Å,°)***	α	62.07(3)	β	75.54(3)	γ	78.01(3)
R-Factor (%):	4.82	***Temperature(K):***	293	***Density(g/cm^3):***	2.190			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2337

TEGTII

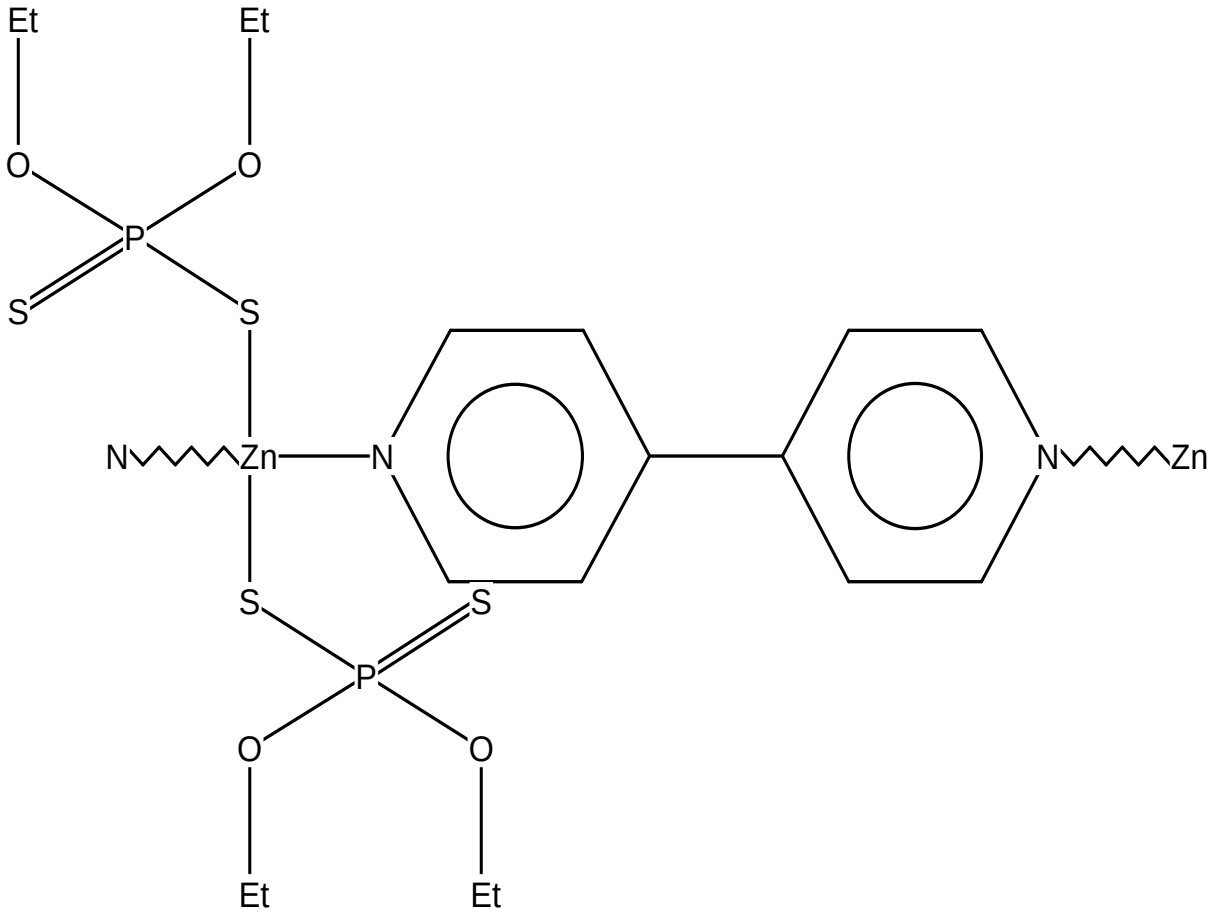
Reference: Duo-Lin Zhu, Yun-Peng Yu, Gou-Cong Guo, Hong-Hui Zhuang, Jin-Shun Huang, Qi Liu, Zheng Xu, Xiao-Zeng You (1996) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**52,**1963

Formula: $(C_{18}\ H_{28}\ N_2\ O_4\ P_2\ S_4\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridyl-N,N')-bis(O,O'-diethyldithiophosphato-S)-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	15.328(7)	***b***	15.621(6)	***c*** 12.427(4)
Space Group No.:	2	***(Å,°)***	α	103.18(3)	β	93.98(4)	γ 110.49(3)

R-Factor (%): 5.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.469



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2338

TEHTUV

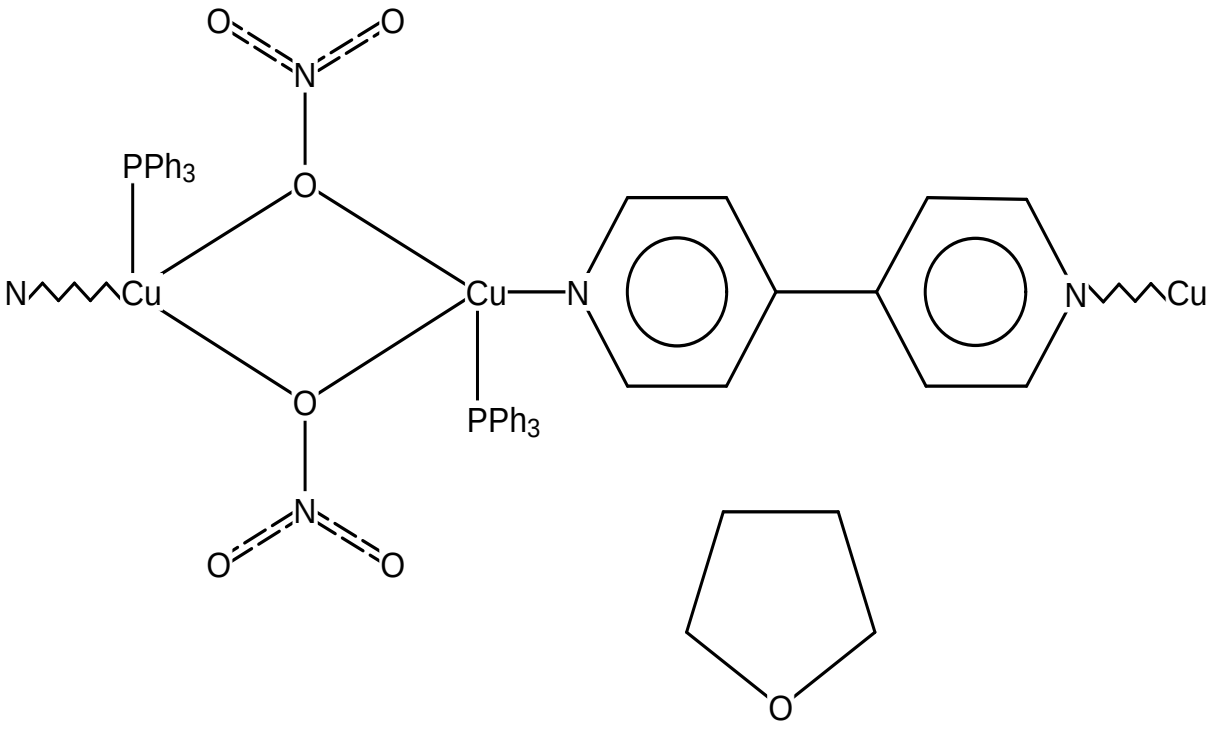
Reference: P.-J.Prest, J.S.Moore (1996)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**52,**2176

Formula: $(C_{46}\ H_{38}\ Cu_2\ N_4\ O_6\ P_2)n,2n(C_4\ H_8\ O_1)$

Compound Name: catena(bis(μ_2-Nitrato-O,O)-(μ_2-4,4'-bipyridyl)-bis(triphenylphosphine-P)-di-copper(i) tetrahydrofuran solvate)

Space Group:	C2/c	***Cell:***	***a***	29.282(6)	***b*** 12.478(2)	***c***	14.476(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.43(3)	γ	90.00

R-Factor (%): 3.79 ***Temperature(K):*** 198 ***Density(g/cm^3):*** 1.416



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2339

TEJKUP

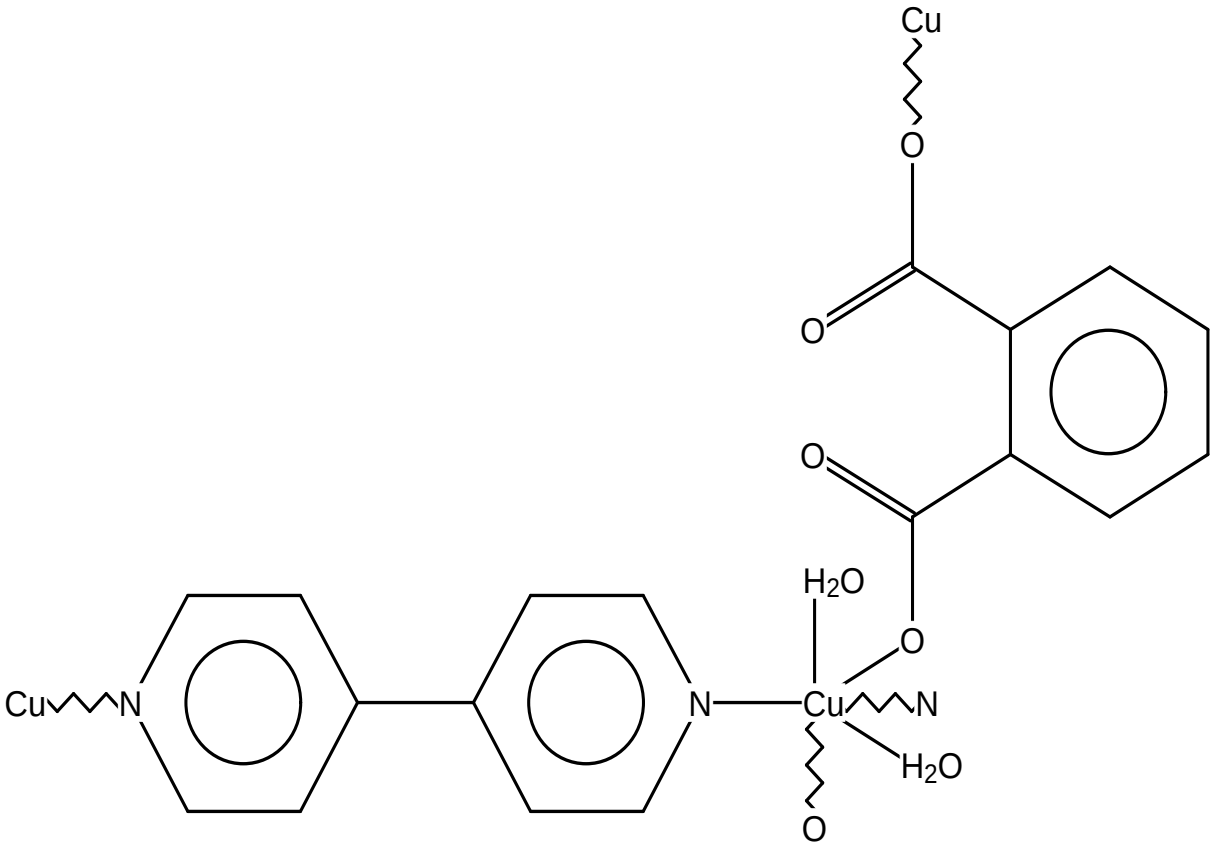
Reference: Han Xu, Ran Sun, Yi-Zhi Li, Jun-Feng Bai (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m1156

Formula: $(C_{18}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-Benzene-1,2-dicarboxylato-O,O')-(μ_2-4,4'-bipyridine-N,N')-diaqua-copper(ii) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	7.696(0)	***b*** 11.103(0)	***c***	12.974(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 123.71(0)	γ	90.00

R-Factor (%): 5.41 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.642



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2340

TERZIA

Reference: K.Uehara, H.Nakao, R.Kawamoto, S.Hikichi, N.Mizuno (2006) *Inorg.Chem.* ,**45,**9448

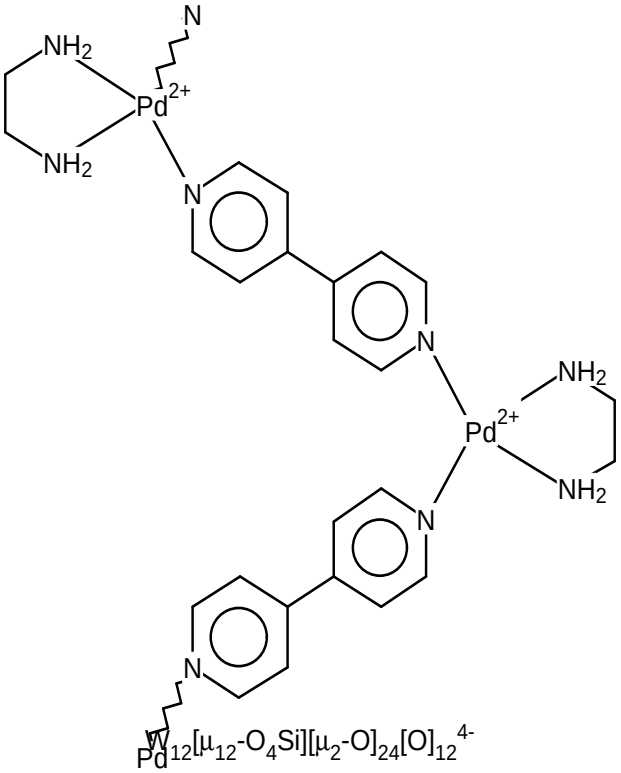
Formula: $(C_{24}\ H_{32}\ N_8\ Pd_2\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),4.5n(C_2\ H_6\ O_1\ S_1),3.5n(C_3\ H_7\ N_1\ O_1)$

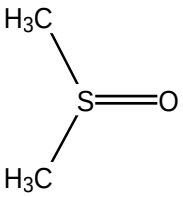
Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(ethylenediamine)-di-palladium(ii) (μ_{10}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten dimethylsulfoxide dimethylformamide solvate)

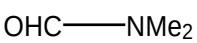
Synonym: catena-(bis(μ_2-4,4'-Bipyridine)-bis(ethylenediamine)-di-palladium(ii) polyoxosilicatododecatungstate dimethylsulfoxide dimethylformamide solvate)

Space Group:	P21/a	***Cell:***	***a***	14.201(0)	***b*** 22.887(0)	***c***	14.856(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 114.80(0)	γ	90.00

R-Factor (%): 8.81 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 3.127







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2341

TERZUM

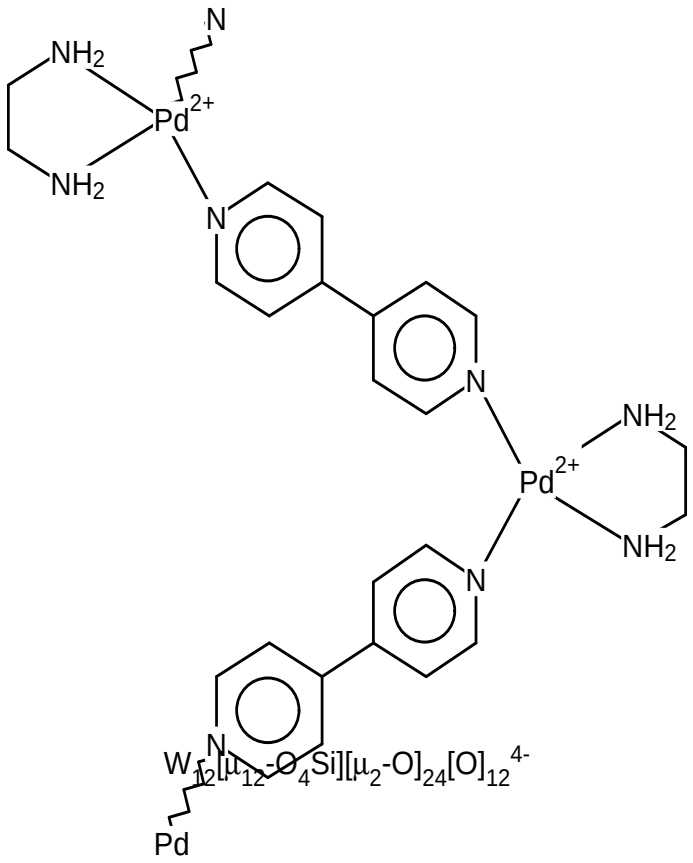
Reference: K.Uehara, H.Nakao, R.Kawamoto, S.Hikichi, N.Mizuno (2006) *Inorg.Chem.* ,**45,**9448

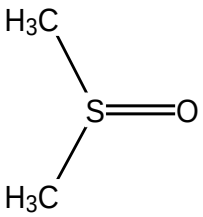
Formula: $(C_{24}\ H_{32}\ N_8\ Pd_2\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),8n(C_2\ H_6\ O_1\ S_1),4n(C_3\ H_7\ N_1\ O_1)$

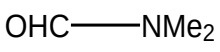
Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(ethylenediamine)-di-palladium(ii) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten dimethylsulfoxide dimethylformamide solvate)

Space Group:	P21/c	***Cell:***	***a***	15.019(0)	***b***	15.696(0)	***c*** 26.979(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	106.36(0)	γ 90.00

R-Factor (%): 8.90 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.415







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2342

TESBOJ

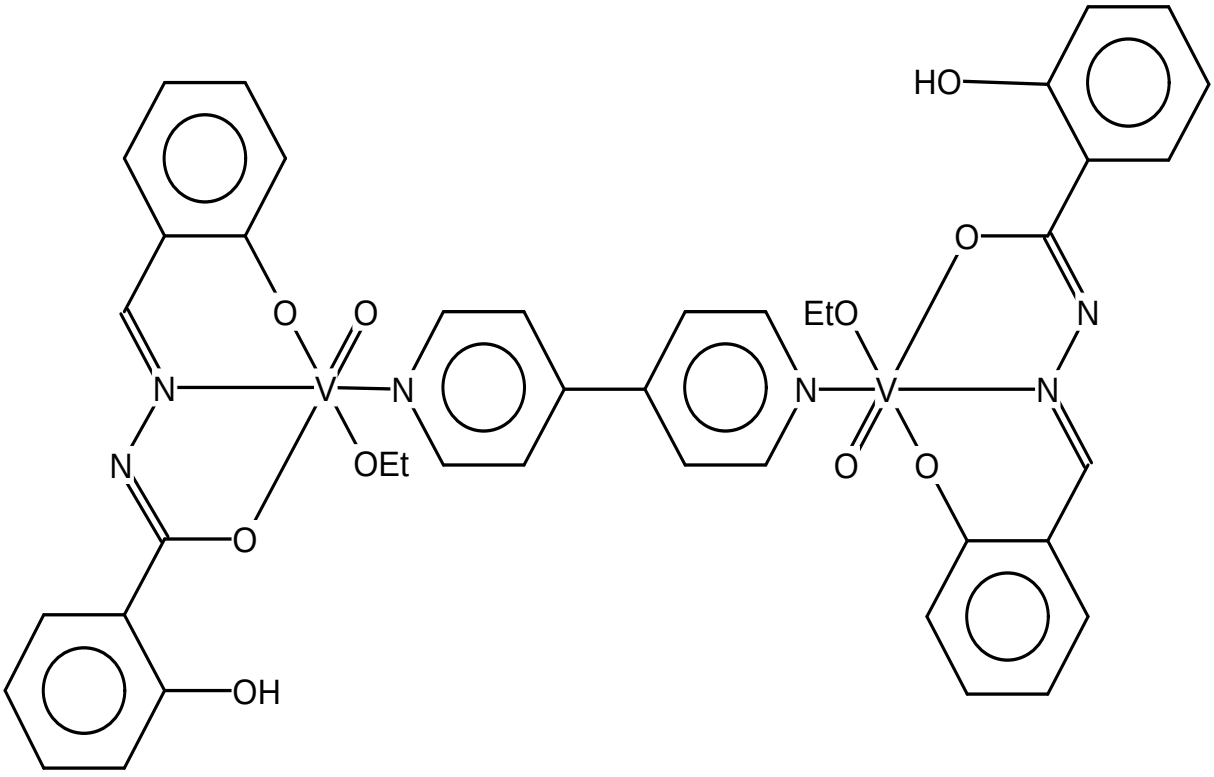
Reference: M.Sutradhar, G.Mukherjee, M.G.B.Drew, S.Ghosh (2006) *Inorg.Chem. ,***45,**5150

Formula: $C_{42}\ H_{38}\ N_6\ O_{10}\ V_2$

Compound Name: (μ_2-4,4'-Bipyridine)-diethoxy-bis(2-hydroxy-N-[(2-oxyphenyl) methylene]benzenecarbohydrazonato)-dioxo-di-vanadium(v)

Space Group:	P21/c	***Cell:***	***a***	12.740(14)	***b*** 10.200(13)	***c***	17.159(19)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.87(1)	γ	90.00

R-Factor (%): 11.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.407



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2343

TEVNOY

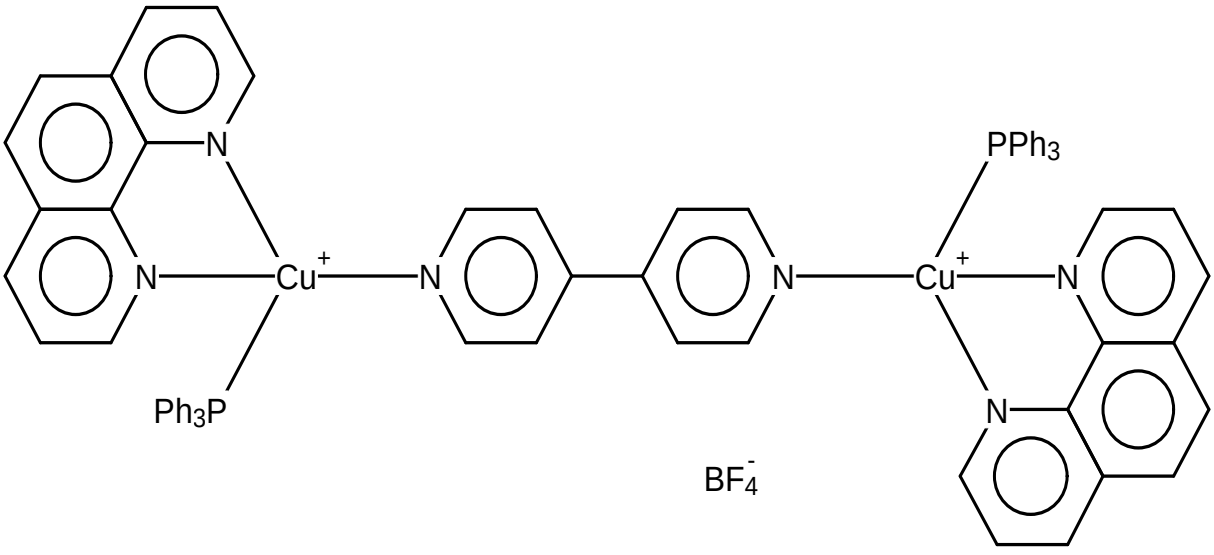
Reference: Jian-Hua Chen, Li-Qiang Song, De-Hui Wang, Jun-Feng Zhang, Wen-Fu Fu (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m34

Formula: $C_{70}\,H_{54}\,Cu_2\,N_6\,P_2\,^{2+},2(B_1\,F_4\,^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(1,10-phenanthroline-N,N')-bis(triphenylphosphine-P)-di-copper(i) bis(tetrafluoroborate)

Space Group:	P21/n	***Cell:***	***a***	14.192(7)	***b*** 15.372(7)	***c***	14.515(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 92.50(0)	γ	90.00

R-Factor (%): 5.82 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.409



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2344

TEVQOB

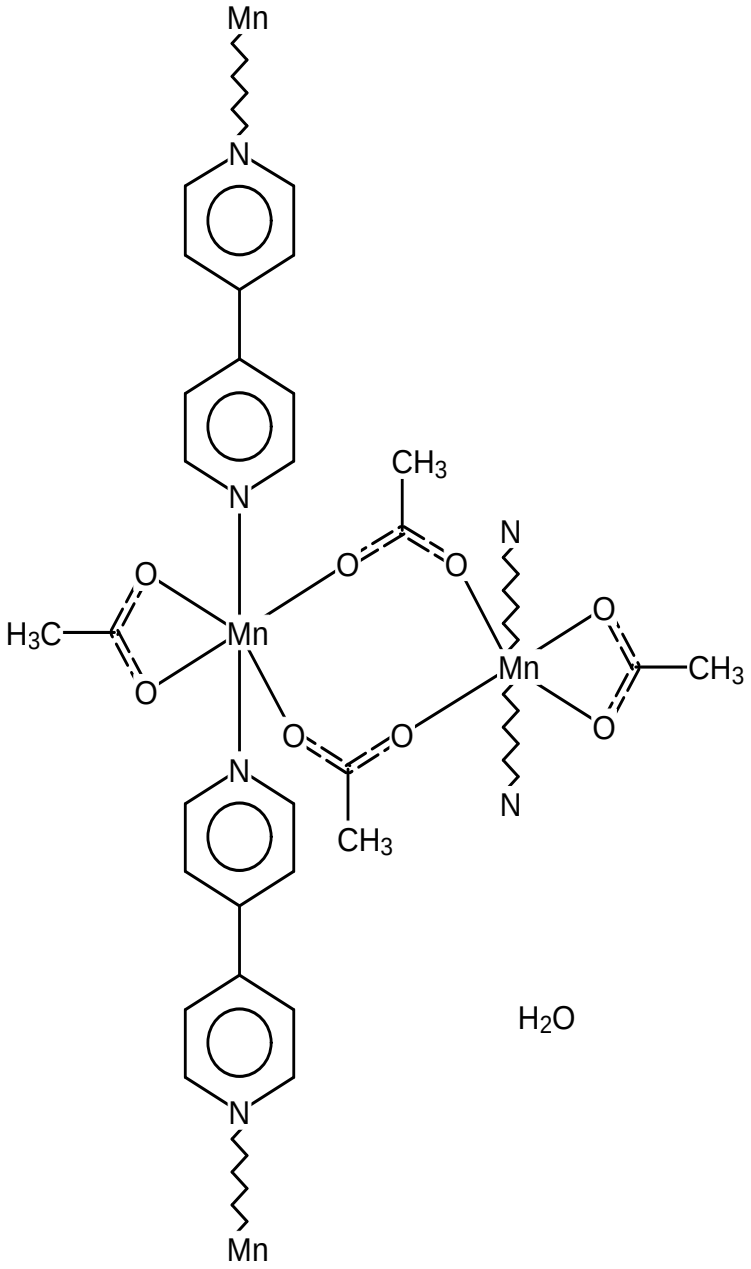
Reference: Guan-Hua Wang, Zhi-Gang Li, Jing-Wei Xu, Ning-Hai Hu (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,**m289

Formula: $(C_{28}\ H_{28}\ Mn_2\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Acetato-O,O')-bis(μ_2-4,4'-bipyridine-N,N')-bis(acetato-O,O')-di-manganese(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	13.385(4)	***b***	11.664(4)	***c***	19.470(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.07(0)	γ	90.00

R-Factor (%): 4.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.479



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2345

TEVTEU

Reference: Zhen-Ming Zhang, Da-Qi Wang, Gao Jian, Shuan Li
(2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,**m172

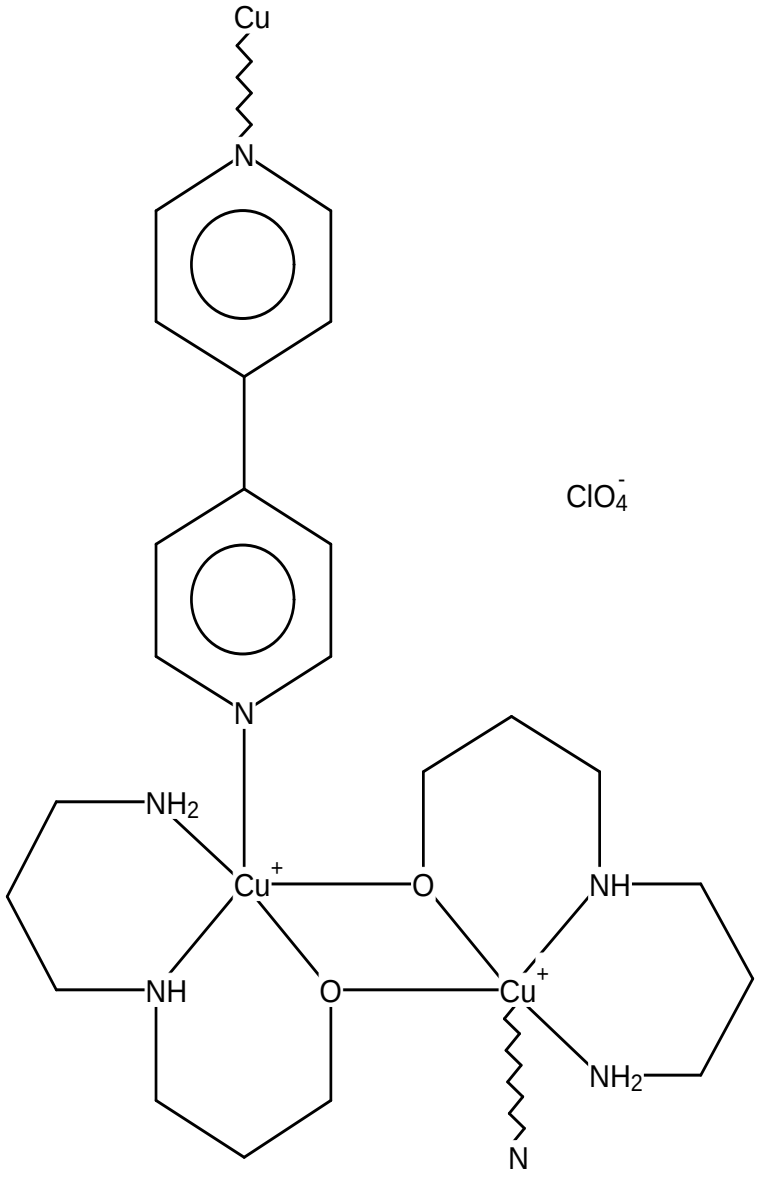
Formula: $(C_{22}\ H_{38}\ Cu_2\ N_6\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ$_2$-4,4-bipyridyl)-bis(μ$_2$-N-(3-oxypropyl)propane-1,3-diamine)-di-copper(ii) diperchlorate)

Synonym: catena-((dicopper(ii)-μ-4,4'-bipyridyl-bis(μ-N-(hydroxylpropyl)propane-1,3-diamine)) bis(perchlorate))

Space Group:	C2/c	***Cell:***	***a***	11.989(2)	***b***	19.699(3)	***c*** 13.297(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	91.17(0)	γ 90.00

R-Factor (%): 6.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.575



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2346

TEXHOU

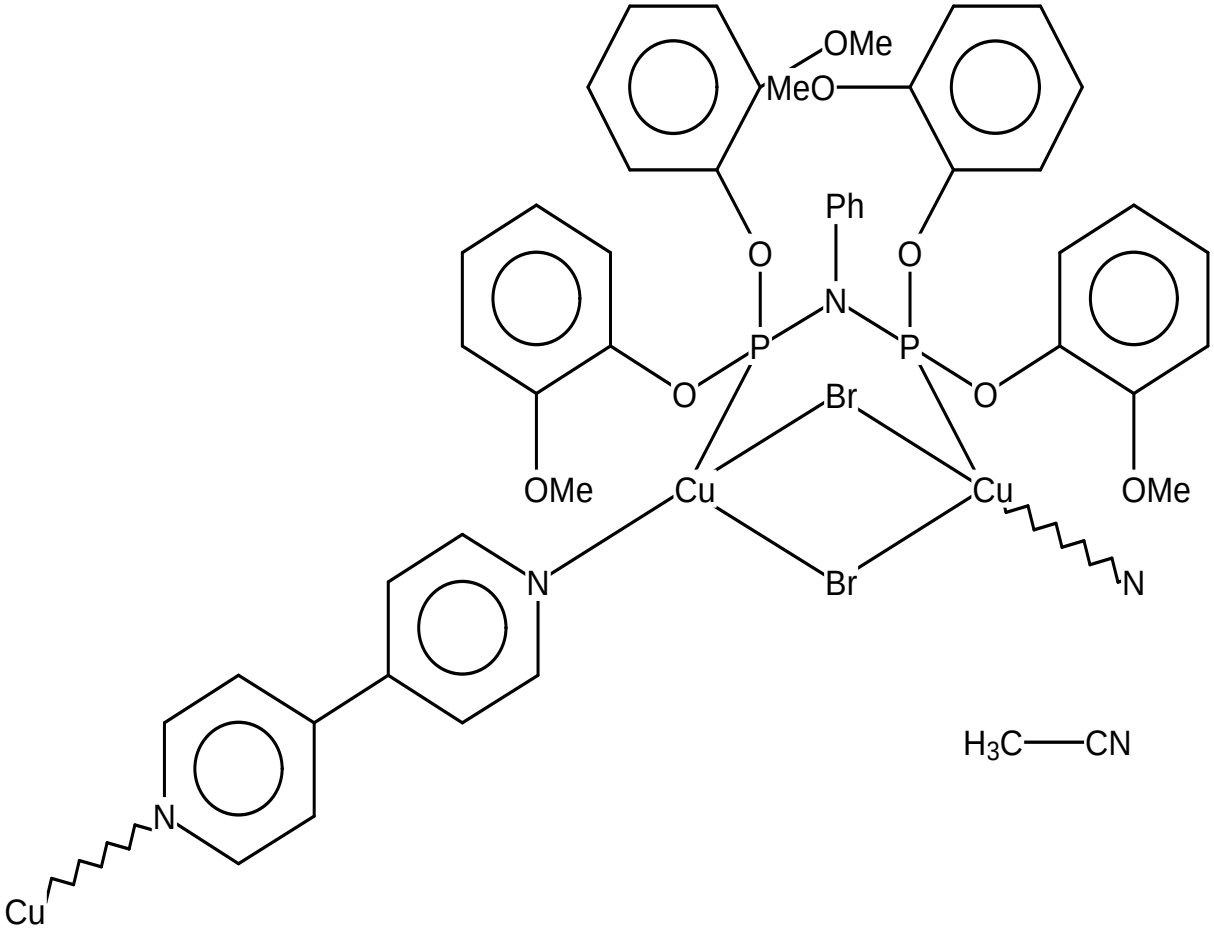
Reference: C.Ganesamoorthy, M.S.Balakrishna, P.P.George, J.T.Mague (2007) *Inorg.Chem.* ,**46,**848

Formula: $(C_{44}\ H_{41}\ Br_2\ Cu_2\ N_3\ O_8\ P_2)n,4n(C_2\ H_3\ N_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-bromo)-(μ_2-N,N-bis(bis(o-methoxyphenoxy)phosphino)phenylamine-P,P')-di-copper(i) acetonitrile solvate)

Space Group:	P21/n	***Cell:***	***a***	11.718(0)	***b***	22.114(1)	***c***	20.745(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.06(0)	γ	90.00

R-Factor (%): 3.04 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2347

TEYJAJ

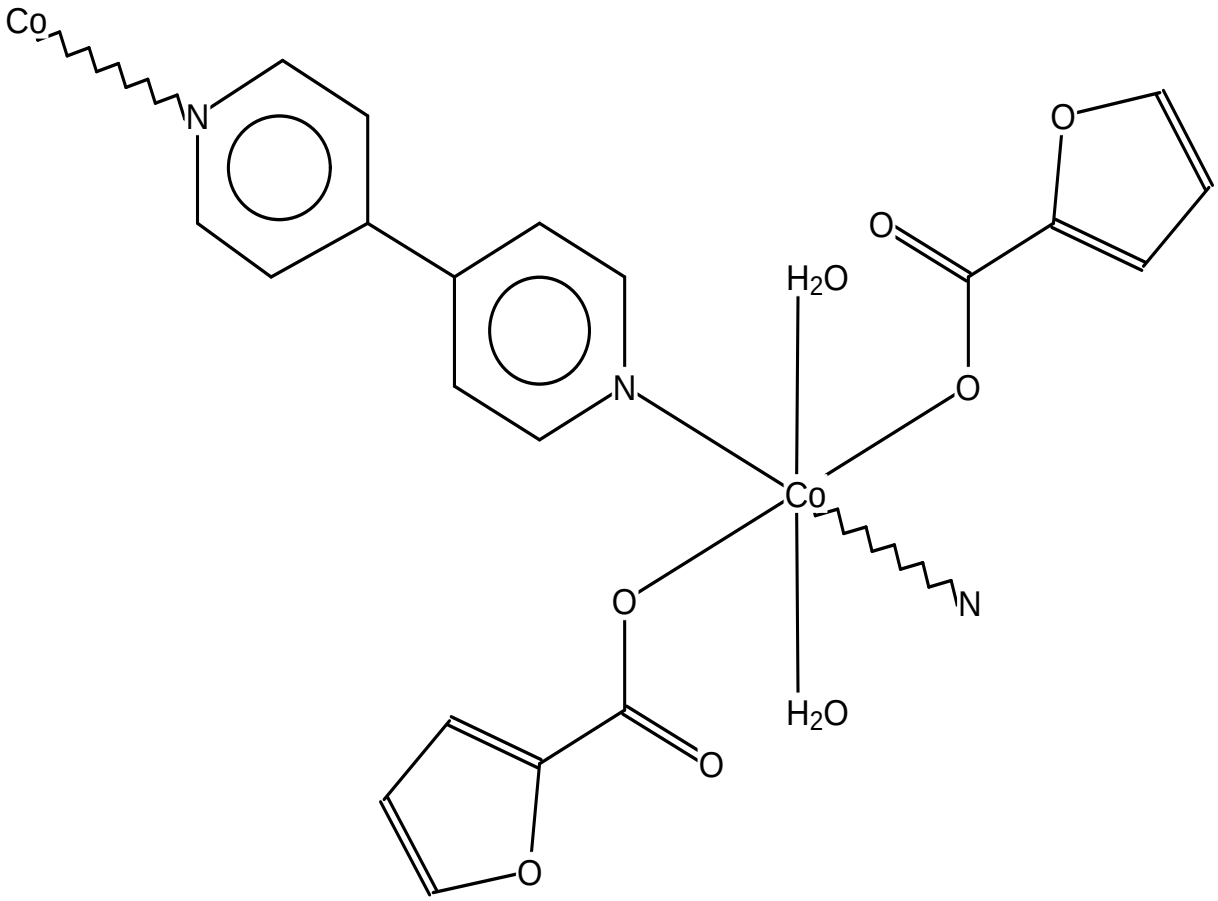
Reference: Wei Li, Chang-Hong Li, Ying-Qun Yang, Chu-Xin Li, Wei-Jian Xu (2006) *Yingyong Huaxue(Chin.)(Chin.J.Appl.Chem.)* ,**23,** 794

Formula: $(C_{20}\ H_{18}\ Co_1\ N_2\ O_8)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-diaqua-bis(α-furoato)-cobalt)

Space Group:	P-1	***Cell:***	***a***	11.384(4)	***b***	11.384(4)	***c***	13.029(9)
Space Group No.:	2	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.90 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.612



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2348

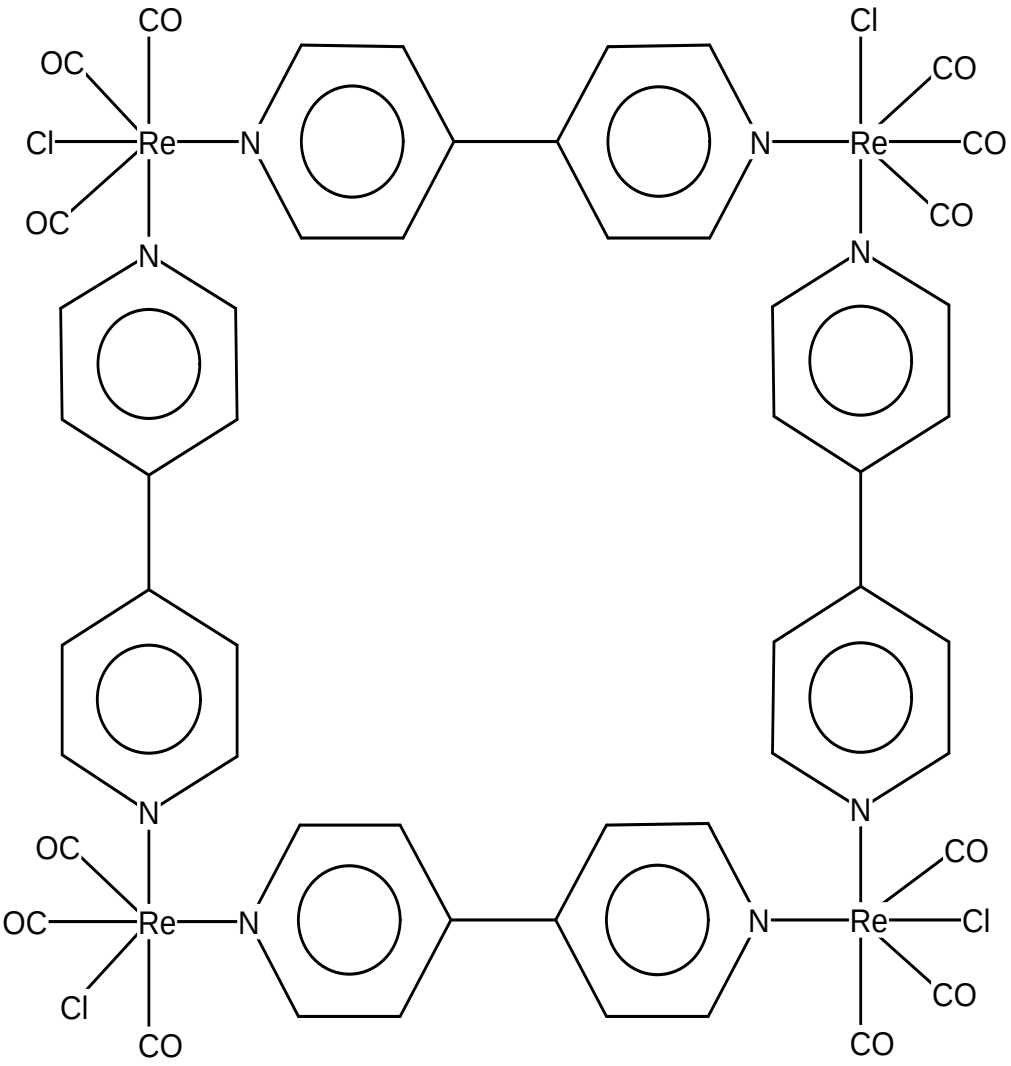
TEZHIP

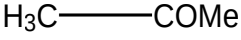
Reference: R.V.Slone, J.T.Hupp, C.L.Stern, T.E.Albrecht-Schmitt (1996) *Inorg.Chem.* ,**35,**4096

Formula: $C_{52}\ H_{32}\ Cl_4\ N_8\ O_{12}\ Re_4$,0.33($C_3\ H_6\ O_1$)

Compound Name: tetrakis(μ_2-4,4'-Bipyridine-4,4'-diyl)-dodecacarbonyl-tetrachloro-tetra-rhenium acetone solvate

Space Group:	I4/m	***Cell:***	***a***	18.728(2)	***b***	18.728(2)	***c***	14.193(2)
Space Group No.:	87	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	6.70	***Temperature(K):***	153		***Density(g/cm^3):***		1.245	





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2349

TEZJOY

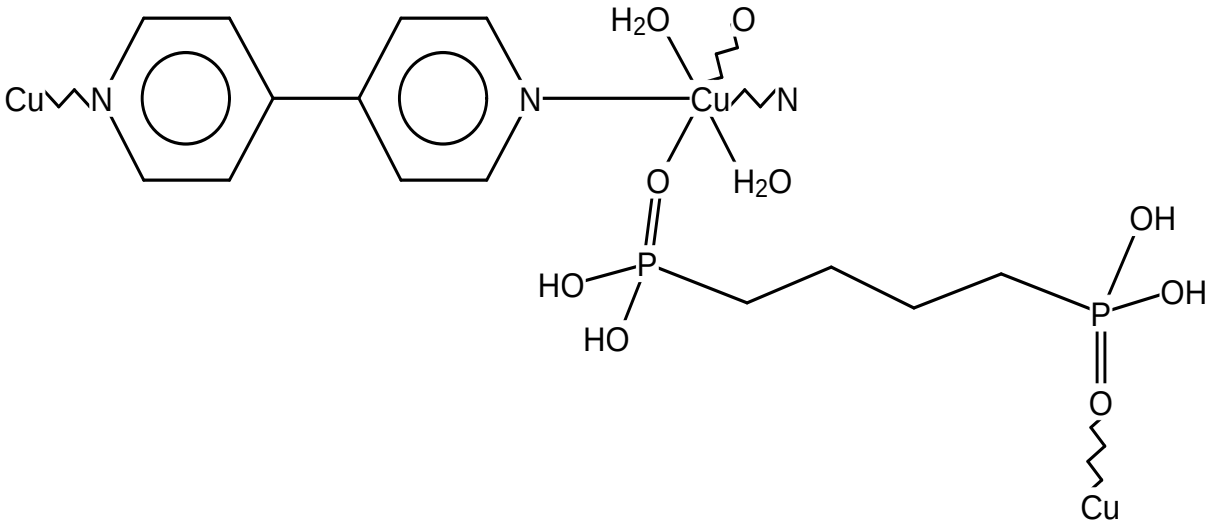
Reference: G.Yucesan, W.Ouellette, Yung-Hsu Chuang, J.Zubieta (2007) *Inorg.Chim.Acta* ,**360,**1502

Formula: $(C_{14}\ H_{24}\ Cu_1\ N_2\ O_8\ P_2)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-(μ_2-butane-1,4-diphosphonic acid)-copper)

Space Group:	P-1	***Cell:***	***a***	7.677(0)	***b***	7.725(0)	***c*** 8.044(0)
Space Group No.:	2	***(Å,°)***	α	79.91(0)	β	88.67(0)	γ 69.09(0)

R-Factor (%): 2.50 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.795



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2350

TEZQIZ

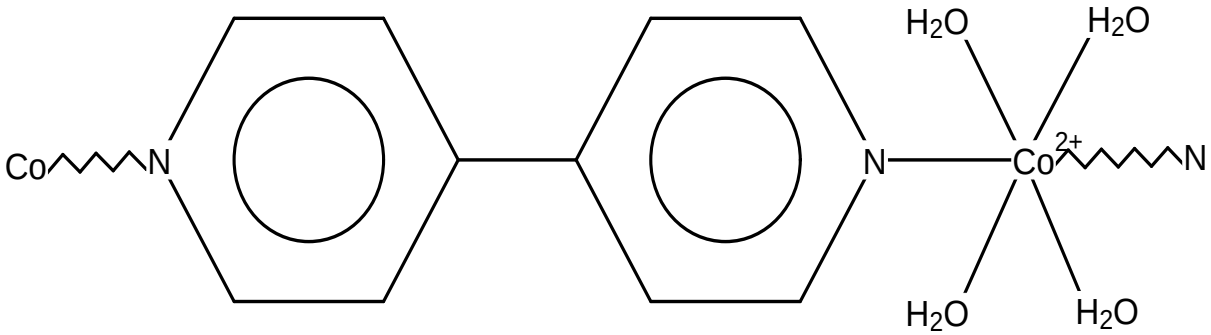
Reference: S.C.Manna, A.K.Ghosh, E.Zangrando, N.R.Chaudhuri (2007) *Polyhedron* ,**26,**1105

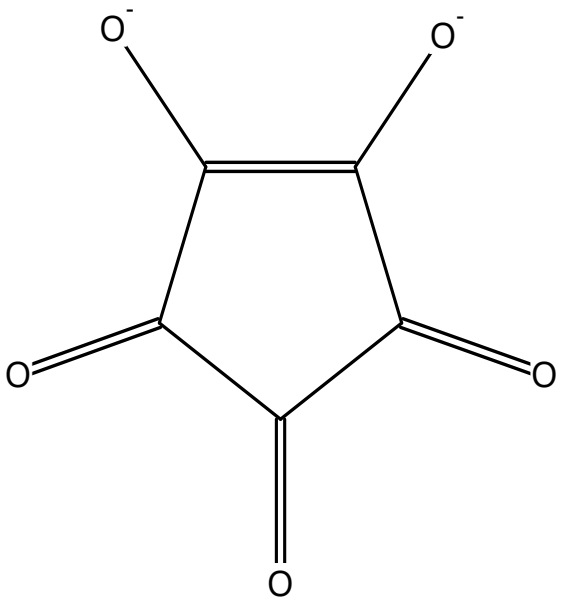
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_5\ O_5\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-bipyridine)-tetraaqua-cobalt(ii) croconate dihydrate

Space Group:	P21/m	***Cell:***	***a***	6.724(3)	***b*** 12.048(4)	***c***	11.325(3)
Space Group No.:	11	***(Å,°)***	α	90.00	β 96.00(2)	γ	90.00

R-Factor (%): 4.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.686





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2351

TEZQOF

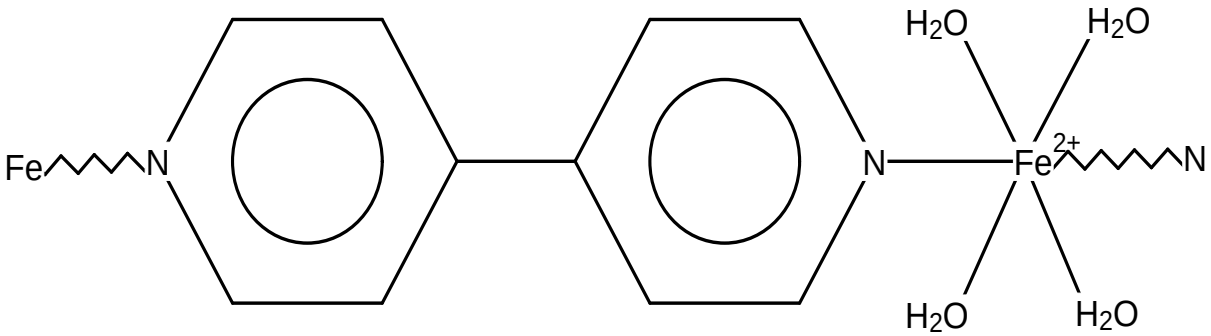
Reference: S.C.Manna, A.K.Ghosh, E.Zangrando, N.R.Chaudhuri (2007) *Polyhedron* ,**26,**1105

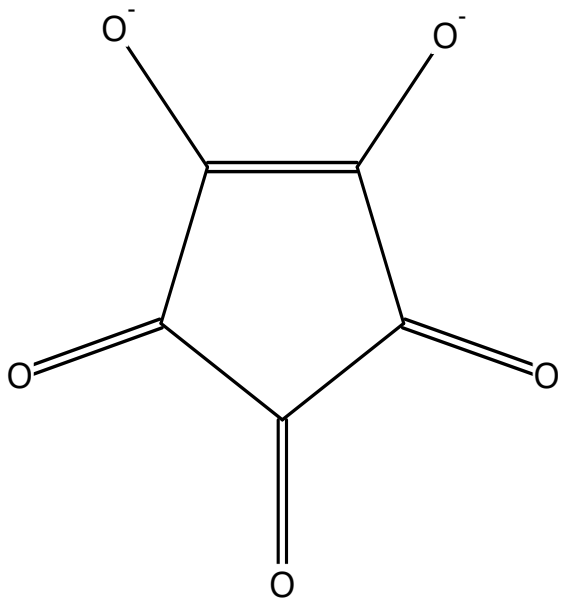
Formula: $(C_{10}\ H_{16}\ Fe_1\ N_2\ O_4\ ^{2+})n,n(C_5\ O_5\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-iron(ii) croconate dihydrate)

Space Group:	P2/c	***Cell:***	***a***	6.770(3)	***b*** 11.437(3)	***c***	12.383(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.73(2)	γ	90.00

R-Factor (%): 3.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.641





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2352

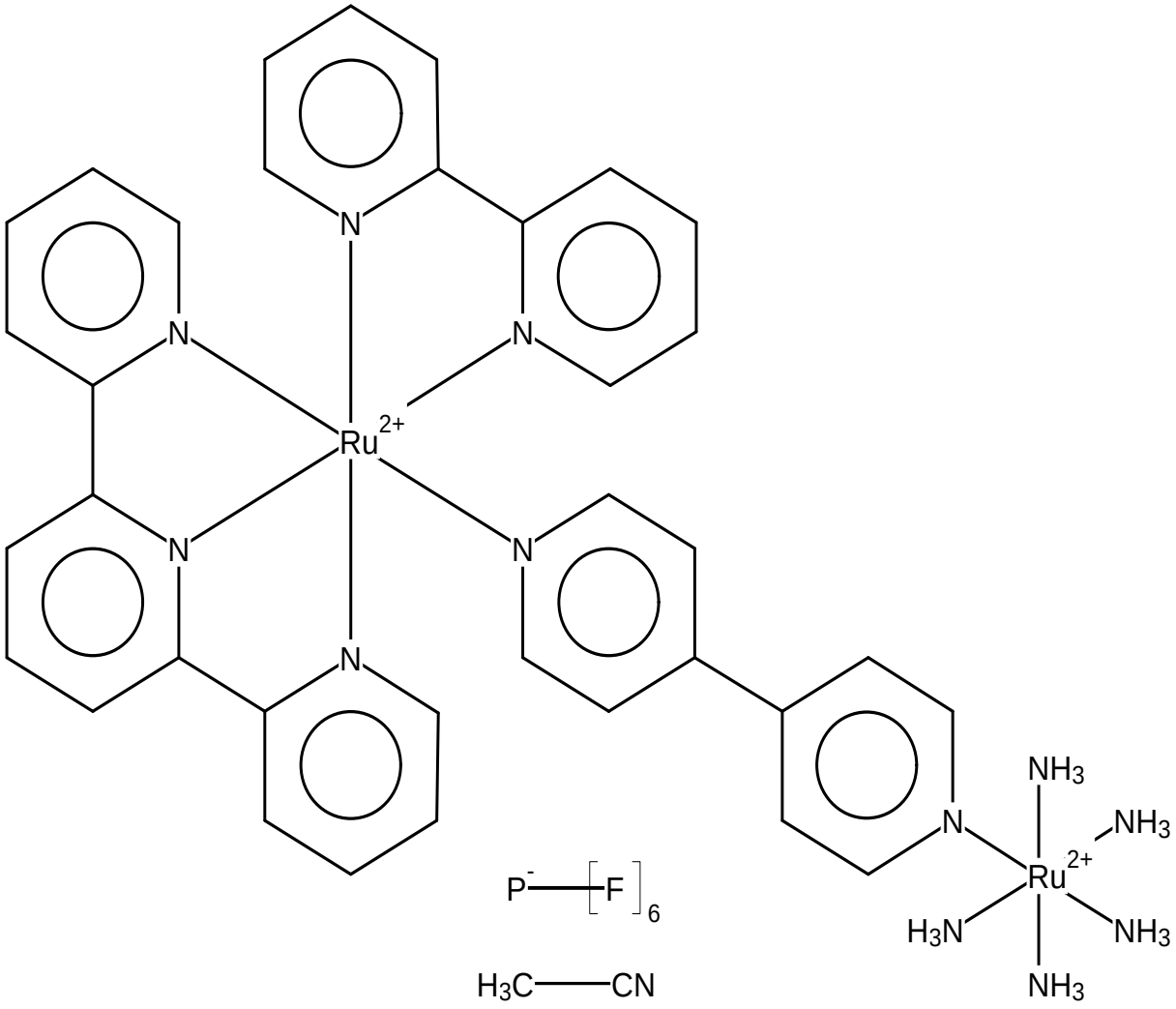
TICBAI

Reference: D.J.Szalda, F.Fagalde, N.E.Katz (1996)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**52,**3013

Formula: $C_{35}\ H_{42}\ N_{12}\ Ru_2\ ^{4+}, 4(F_6\ P_1\ ^{1-}), C_2\ H_3\ N_1$

Compound Name: (μ_2-4,4-Bipyridyl)-(2,2'-bipyridyl)-(2,2':6',2''-terpyridine)-penta-ammine-di-ruthenium tetrakis(hexafluorophosphate)-acetonitrile solvate

Space Group:	P21/n	***Cell:***	***a***	8.747(0)	***b***	34.341(6)	***c*** 18.952(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.85(0)	γ 90.00
R-Factor (%):	6.60	***Temperature(K):***	295		***Density(g/cm^3):***		1.712



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2353

TICJIZ

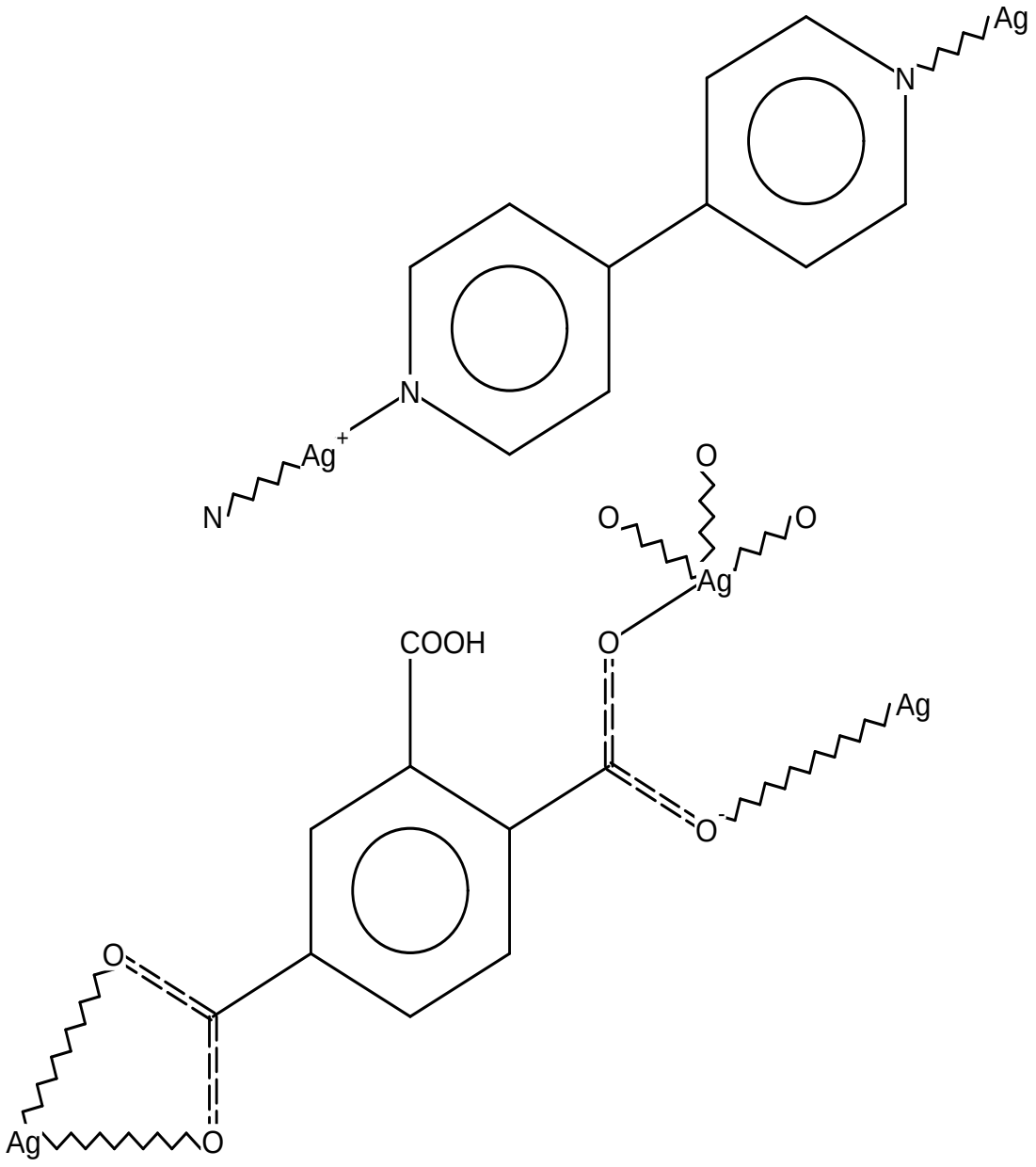
Reference: Shuai Zhang, Zhen Wang, Hanhui Zhang, Yanning Cao, Yanxiang Sun, Yiping Chen, Changcang Huang, Xiaohong Yu (2007) *Inorg.Chim.Acta* ,**360,**2704

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_9\ H_4\ Ag_1\ O_6\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-silver (μ_3-2-carboxybenzene-1,4-dicarboxylato)-silver)

Space Group:	P-1	***Cell:***	***a***	8.055(5)	***b***	9.869(5)	***c*** 11.322(7)
Space Group No.:	2	***(Å,°)***	α	76.52(2)	β	79.83(3)	γ 77.73(2)

R-Factor (%): 3.40 ***Temperature(K):*** 298 ***Density(g/cm3):*** 2.273



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2354

TICMIC

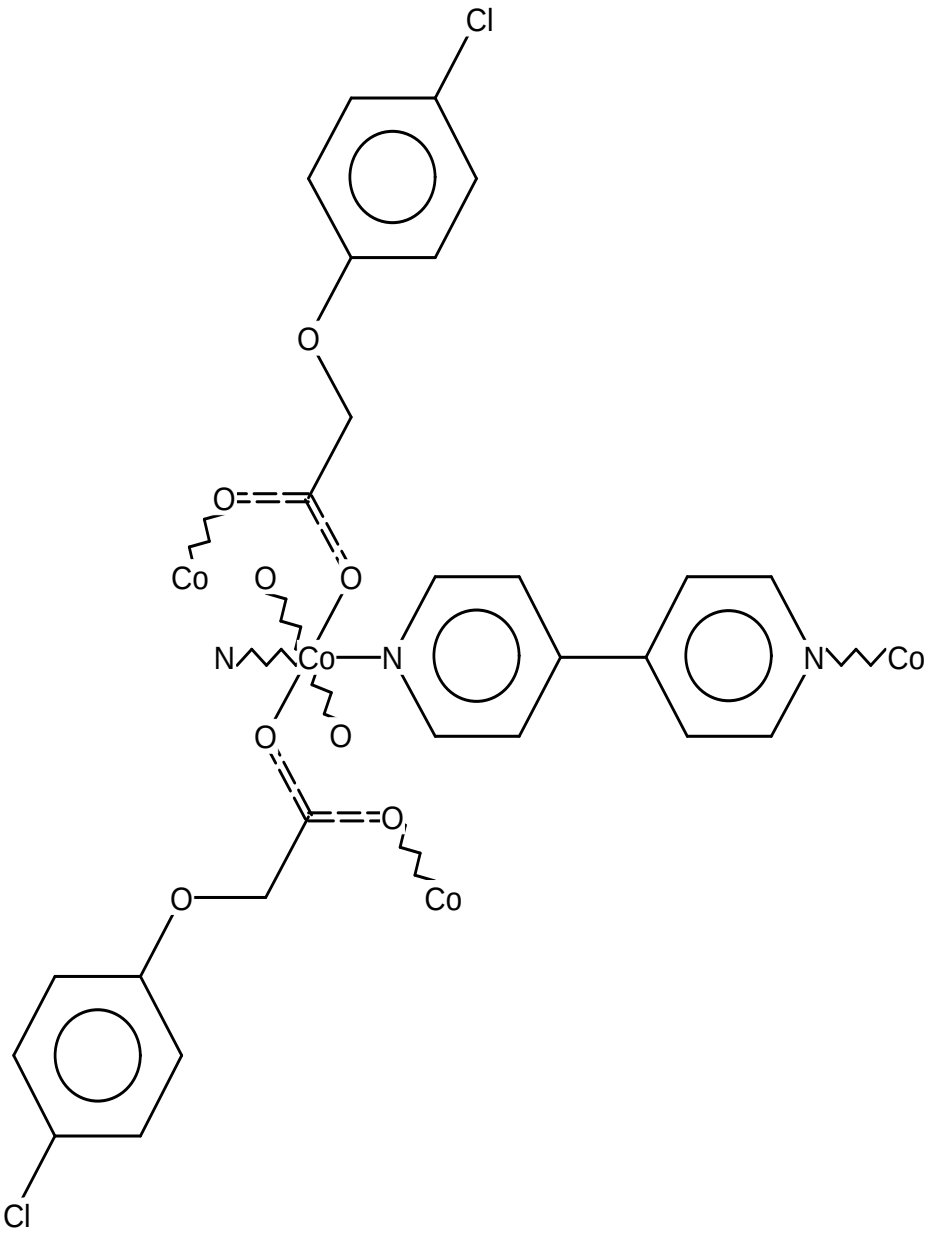
Reference: Yanxiang Sun, Zhen Wang, Hanhui Zhang, Yanning Cao, Shuai Zhang, Yiping Chen, Changcang Huang, Xiaohong Yu (2007) *Inorg.Chim.Acta* ,**360,**2565

Formula: $(C_{26}\ H_{20}\ Cl_2\ Co_1\ N_2\ O_6)n$

Compound Name: catena-(bis(μ_2-4-Chlorophenoxyacetato-O,O')-(μ_2-4,4'-bipyridine)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	22.798(0)	***b***	11.402(0)	***c***	9.646(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.36(0)	γ	90.00

R-Factor (%): 3.71 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.566



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2355

TICMOI

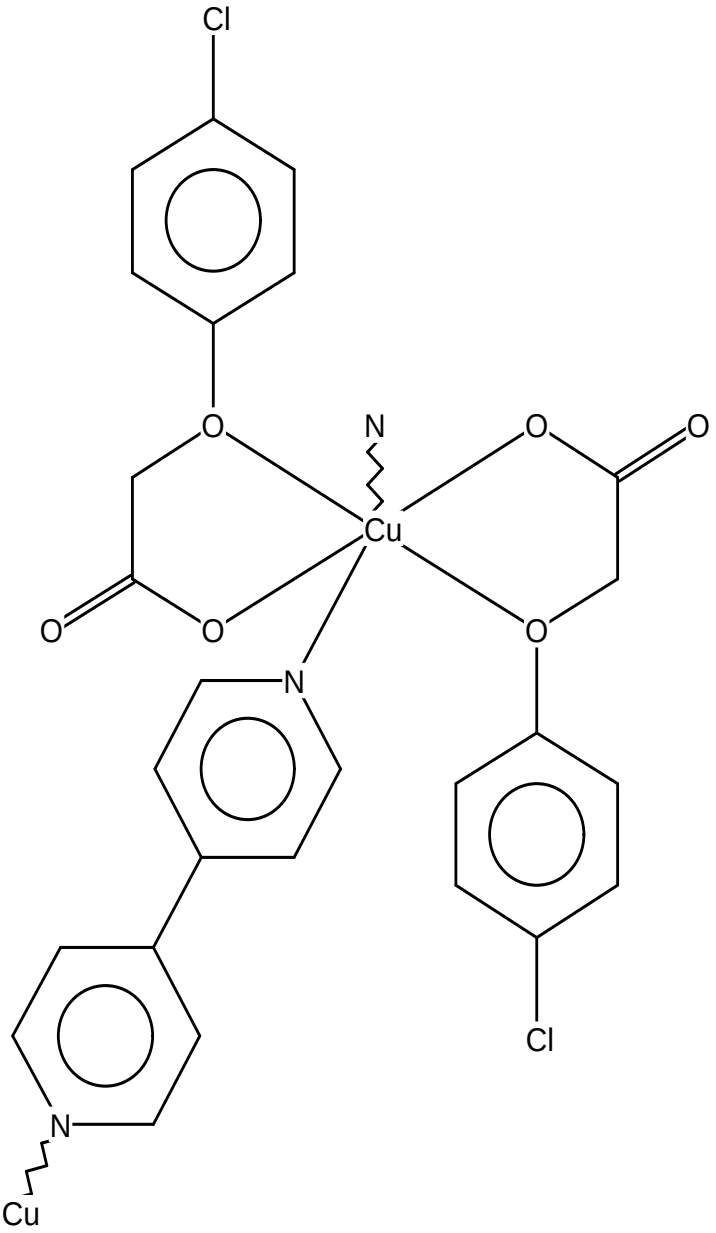
Reference: Yanxiang Sun, Zhen Wang, Hanhui Zhang, Yanning Cao, Shuai Zhang, Yiping Chen, Changcang Huang, Xiaohong Yu (2007) *Inorg.Chim.Acta* ,**360,**2565

Formula: $(C_{26}\ H_{20}\ Cl_2\ Cu_1\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(4-chlorophenoxyacetato-O,O')-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	12.165(0)	***b***	11.177(0)	***c*** 18.229(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	102.79(0)	γ 90.00

R-Factor (%): 3.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.624



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2356

TICMUO

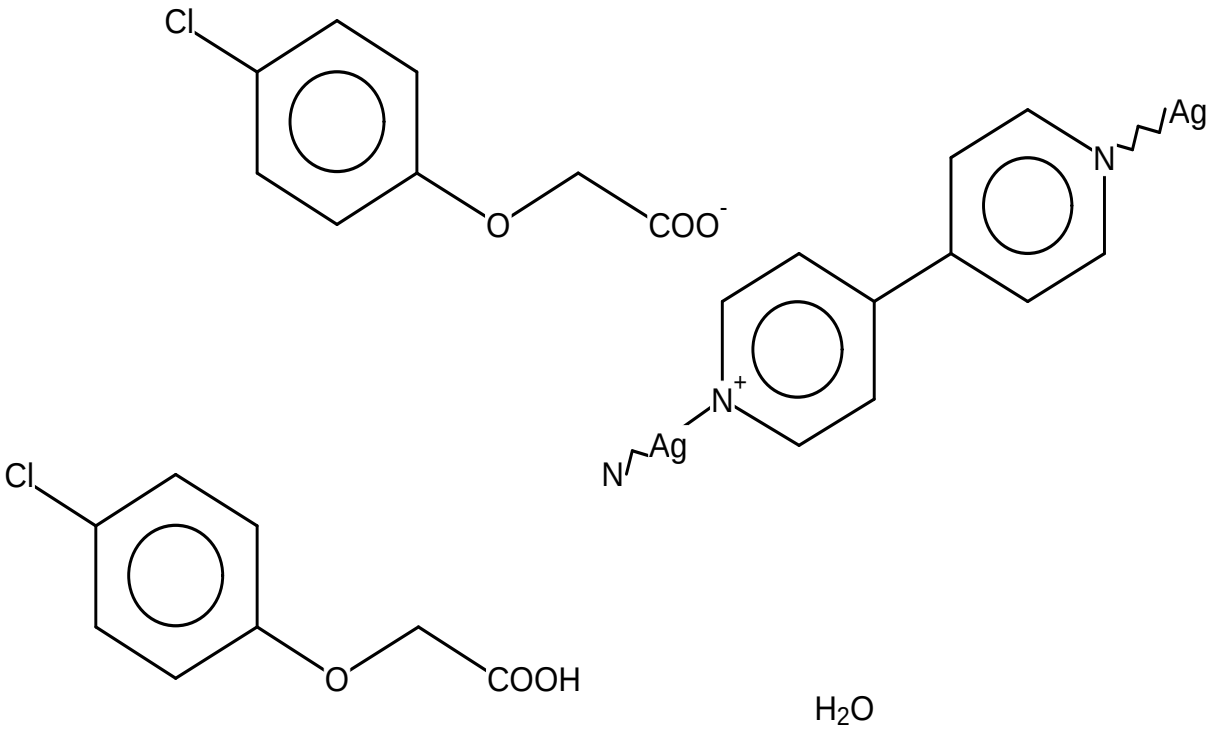
Reference: Yanxiang Sun, Zhen Wang, Hanhui Zhang, Yanning Cao, Shuai Zhang, Yiping Chen, Changcang Huang, Xiaohong Yu (2007) *Inorg.Chim.Acta* ,**360,**2565

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(C_8\ H_6\ Cl_1\ O_3\ ^{1-}),n(C_8\ H_7\ Cl_1\ O_3),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-silver 4-chlorophenoxyacetate 4-chlorophenoxyacetic acid monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.443(0)	***b***	11.375(0)	***c*** 13.965(0)
Space Group No.:	2	***(Å,°)***	α	103.39(0)	β	90.25(0)	γ 106.06(0)

R-Factor (%): 7.18 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.554



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2357

TIDVIM

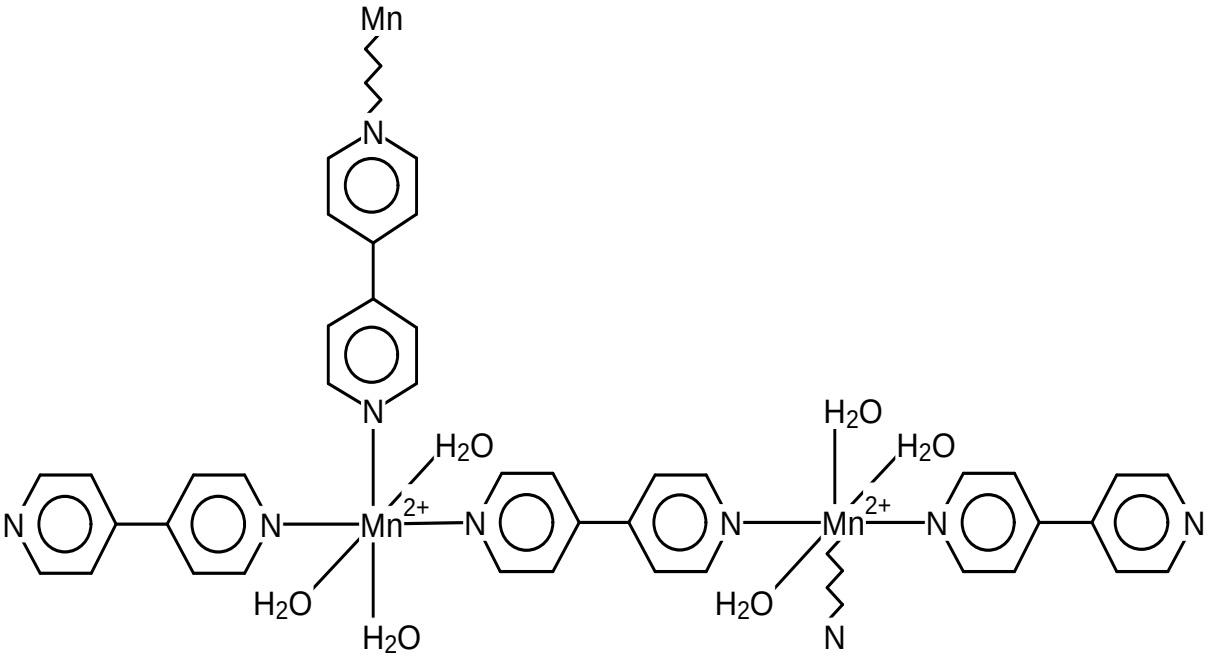
Reference: Miao-Ling Huang (2007)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**23,**1059

Formula: $(C_{40}\ H_{44}\ Mn_2\ N_8\ O_6\ ^{4+})n,2n(C_{10}\ H_{11}\ O_2\ ^{1-}),2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

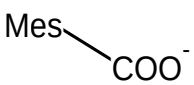
Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(triaqua-(4,4'-bipyridyl)-manganese(ii)) bis(2,4,6-trimethylbenzoate) diperchlorate 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.977(1)	***b*** 15.271(2)	***c***	16.199(2)
Space Group No.:	2	***(Å,°)***	α	105.30(0)	β 97.50(0)	γ	91.12(0)

R-Factor (%): 5.54 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.513







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2358

TIFMOK

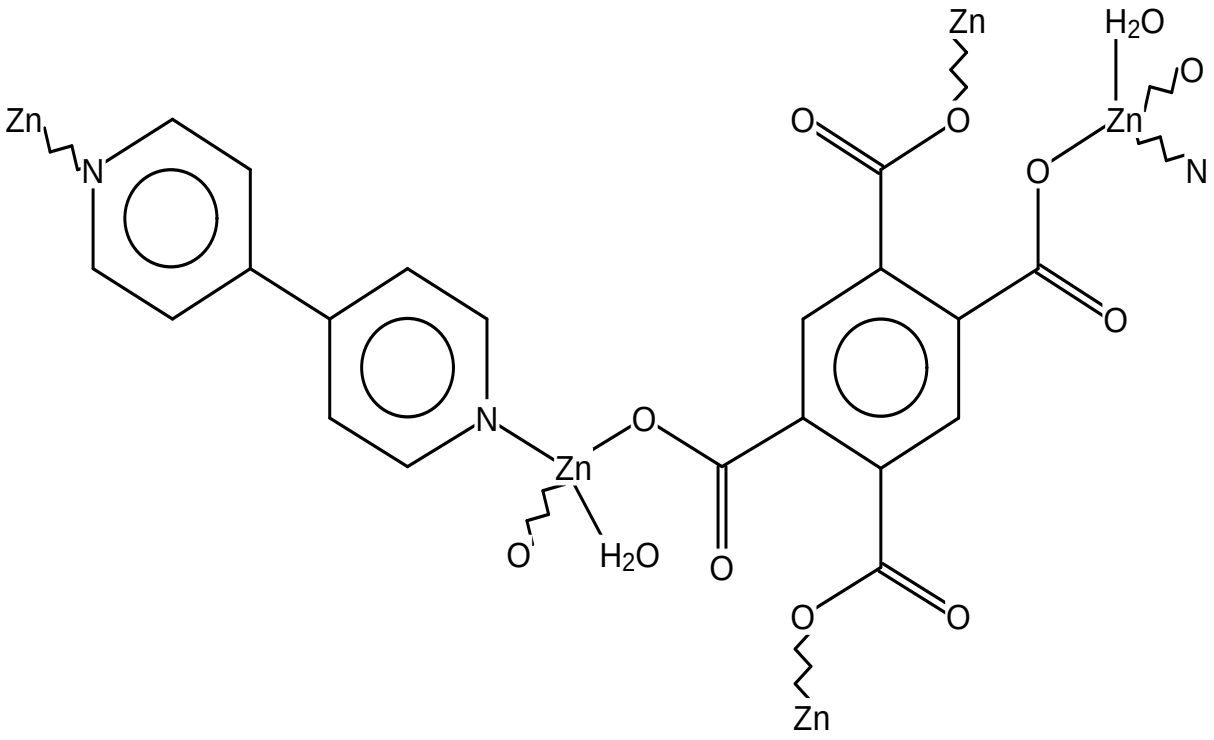
Reference: Chuan-De Wu, Can-Zhong Lu, Ding-Ming Wu, Hong-Hui Zhuang, Jin-Shun Huang (2001) *Inorg.Chem.Commun.* ,**4,** 561

Formula: $(C_{20}\ H_{14}\ N_2\ O_{10}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_4-Benzene-1,2,4,5-tetracarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridyl-N,N')-diaqua-di-zinc dihydrate]

Space Group:	P21/n	***Cell:***	***a***	9.493(2)	***b***	7.263(2)	***c*** 16.263(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.18(3)	γ 90.00

R-Factor (%): 4.15 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.811



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2359

TIFMOK01

Reference: Shi-Yao Yang, La-Sheng Long, Jun Tao, Rong-Bin Huang, Lan-Sun Zheng (2002) *Main Group Met.Chem. ,***25,**699

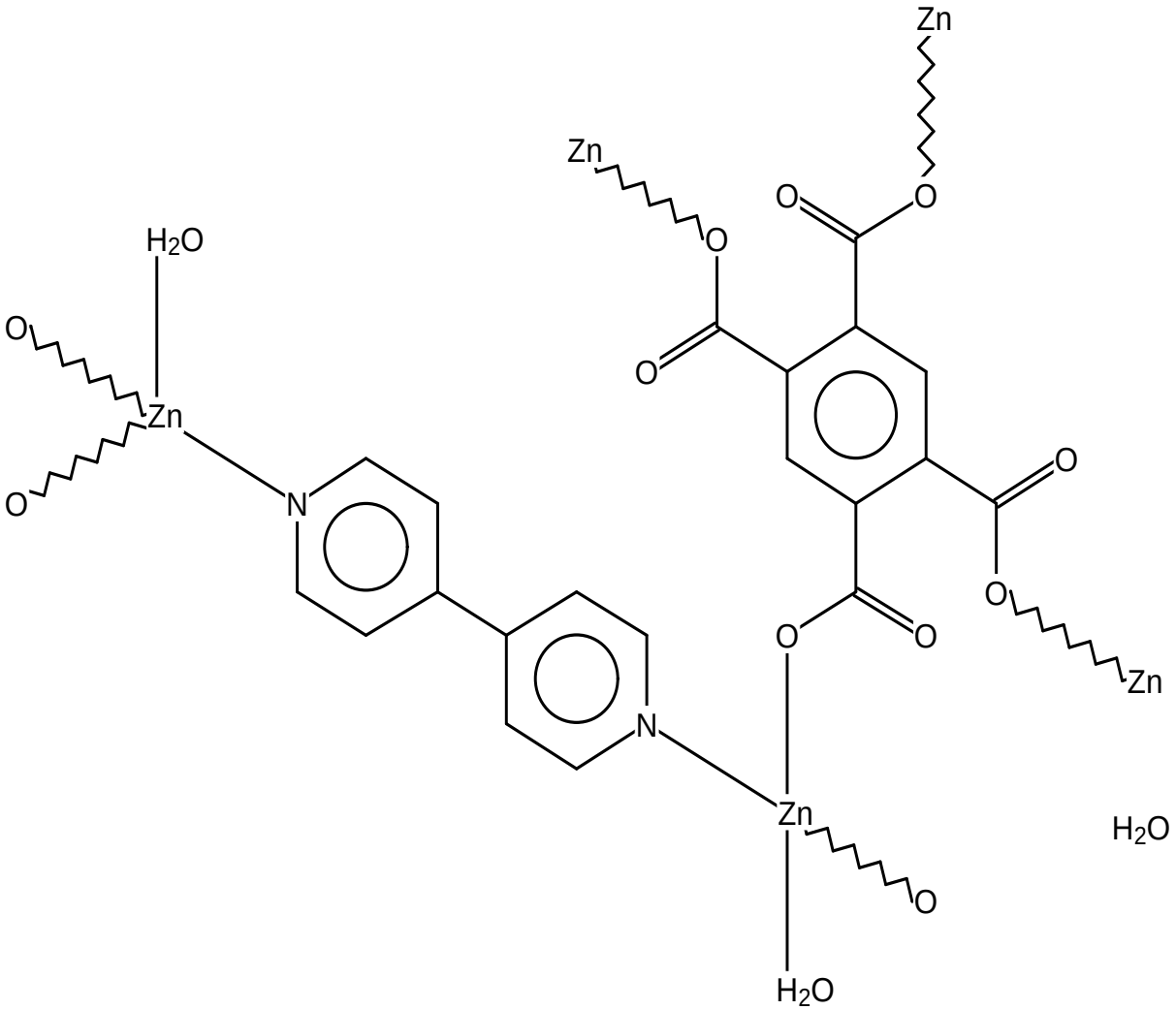
Formula: $(C_{20}\ H_{14}\ N_2\ O_{10}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-(μ_4-Benzene-1,2,4,5-tetracarboxylato)-(μ_2-4,4'-bipyridyl)-diaqua-di-zinc dihydrate)

Synonym: catena-(μ_4-Pyromellitato)-(μ_2-4,4'-bipyridyl)-diaqua-di-zinc dihydrate)

Space Group:	P21/n	***Cell:***	***a***	9.494(0)	***b***	7.266(0)	***c***	16.248(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.23(0)	γ	90.00

R-Factor (%): 5.52 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.812



Search: search1 (Thu May 26 10:05:42 2011): Hit 2360

TIGDIX

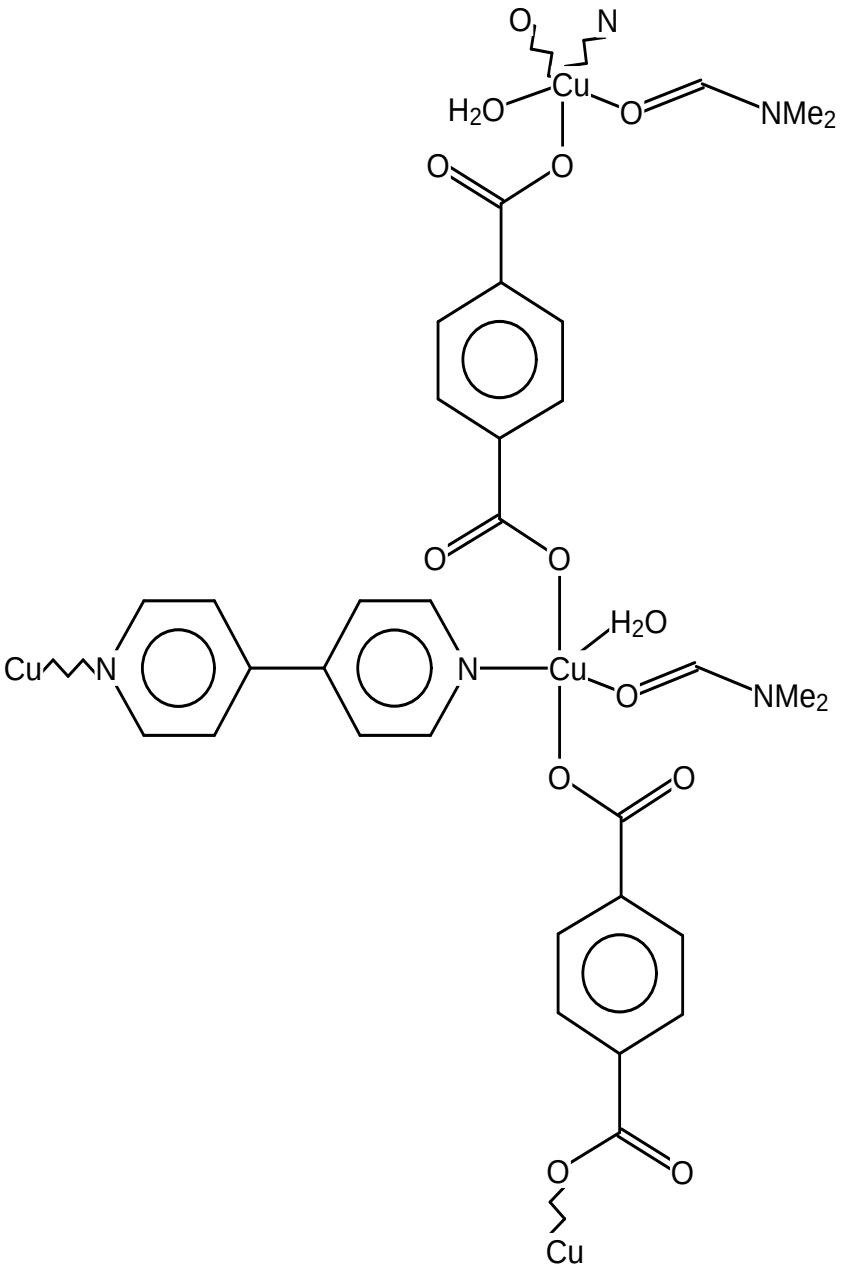
Reference: Ji-Yang Xu, Bang-Lin Chen, S.W.Ng (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2200

Formula: $(C_{32}\ H_{34}\ Cu_2\ N_4\ O_{12})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-terephthalato-O,O')-bis((dimethylformamide-O)-aqua-copper(ii)))

Space Group:	P21/n	***Cell:***	***a***	10.842(0)	***b*** 14.347(0)	***c***	11.193(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.74(0)	γ	90.00

R-Factor (%): 3.33 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.599



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2361

TIJNOQ

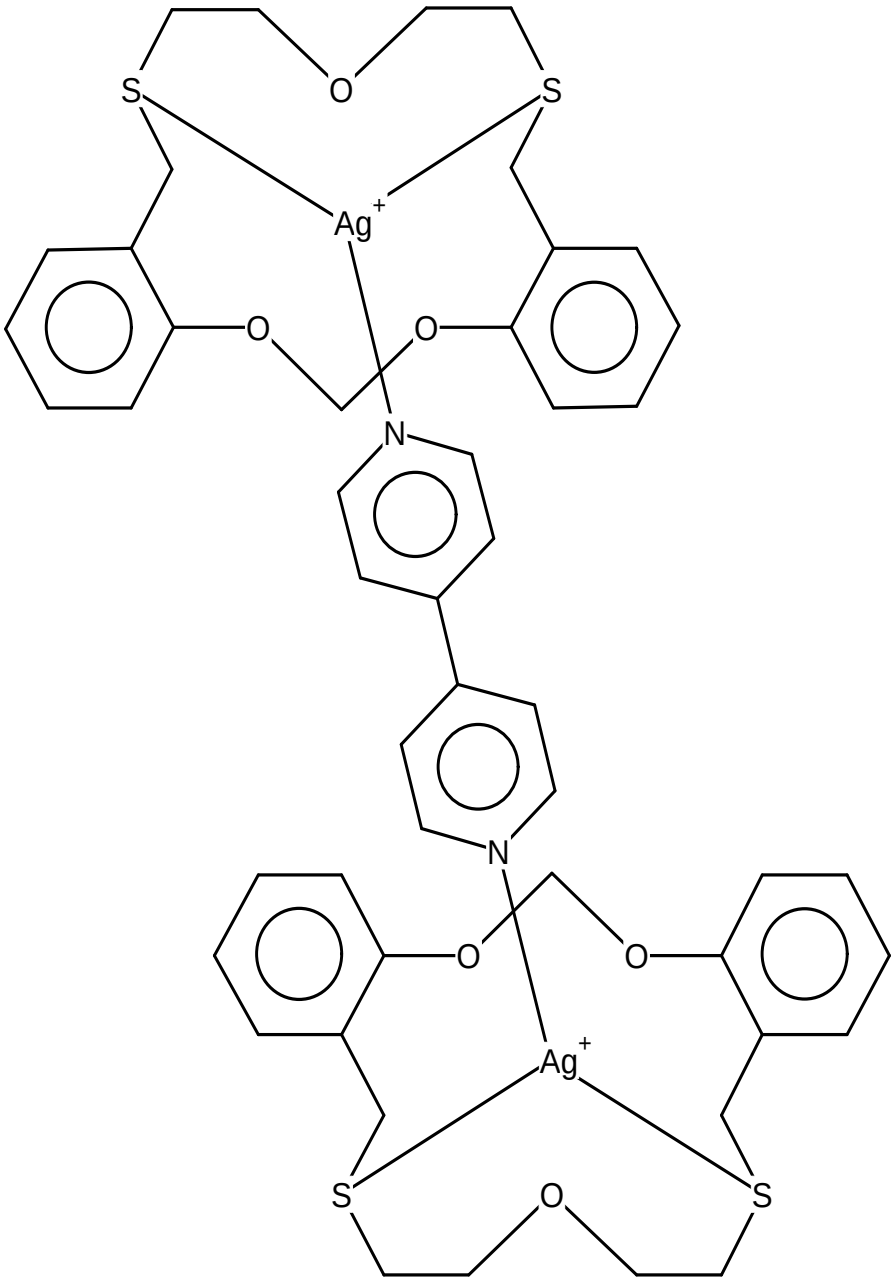
Reference: Joobem Seo, So Young Lee, Shim Sung Lee (2007) *Supramol.Chem. ,***19,**333

Formula: $C_{48}\ H_{52}\ Ag_2\ N_2\ O_6\ S_4\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(1,11-dithia-3,4:8,9-dibenzo-5,7,14-trioxacyclohexadecane-S,S')-di-silver diperchlorate

Space Group:	P-1	***Cell:***	***a***	7.709(0)	***b***	11.472(1)	***c***	15.120(1)
Space Group No.:	2	***(Å,°)***	α	74.45(0)	β	87.25(0)	γ	75.32(0)

R-Factor (%): 4.33 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.727



ClO_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2362

TIJQEI

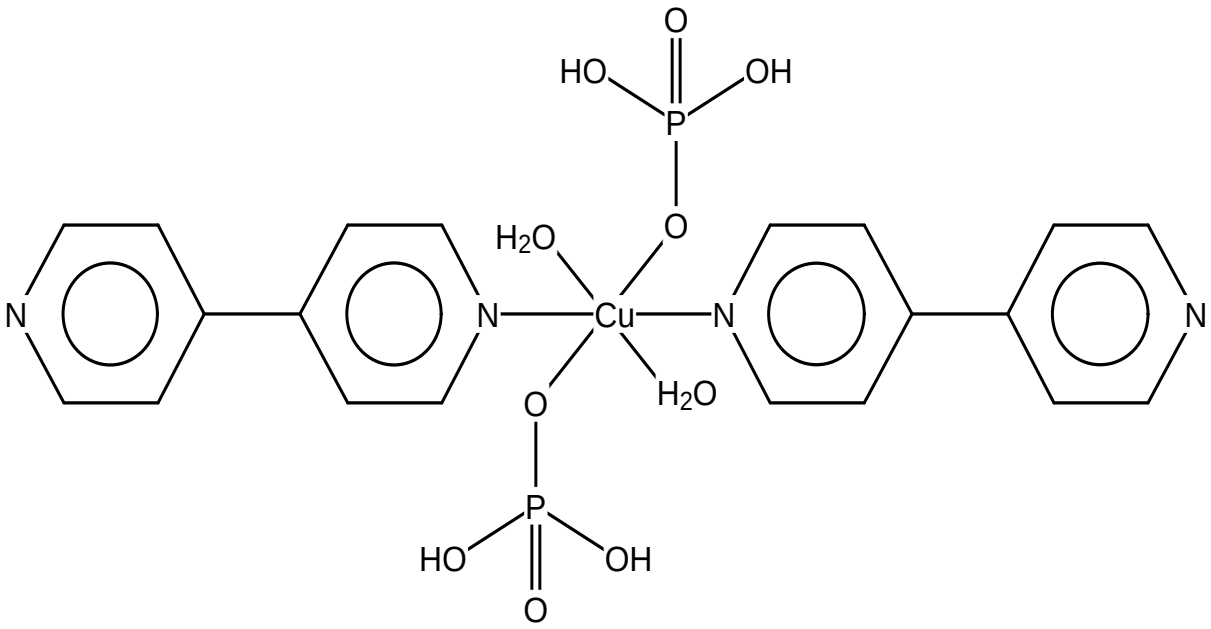
Reference: K.Abu-Shandi, C.Janiak, B.Kersting (2001)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**57,**1261

Formula: $C_{20}\,H_{24}\,Cu_1\,N_4\,O_{10}\,P_2$

Compound Name: Diaqua-bis(4,4'-bipyridine)-bis(dihydrogenphosphato)-copper(ii)

Space Group:	P-1	***Cell:***	***a***	7.948(2)	***b*** 10.208(2)	***c***	14.362(3)
Space Group No.:	2	***(Å,°)***	α	85.69(0)	β 82.01(0)	γ	89.17(0)

R-Factor (%):	3.61	***Temperature(K):***	210	***Density(g/cm^3):***	1.749



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2363

TIJQEI01

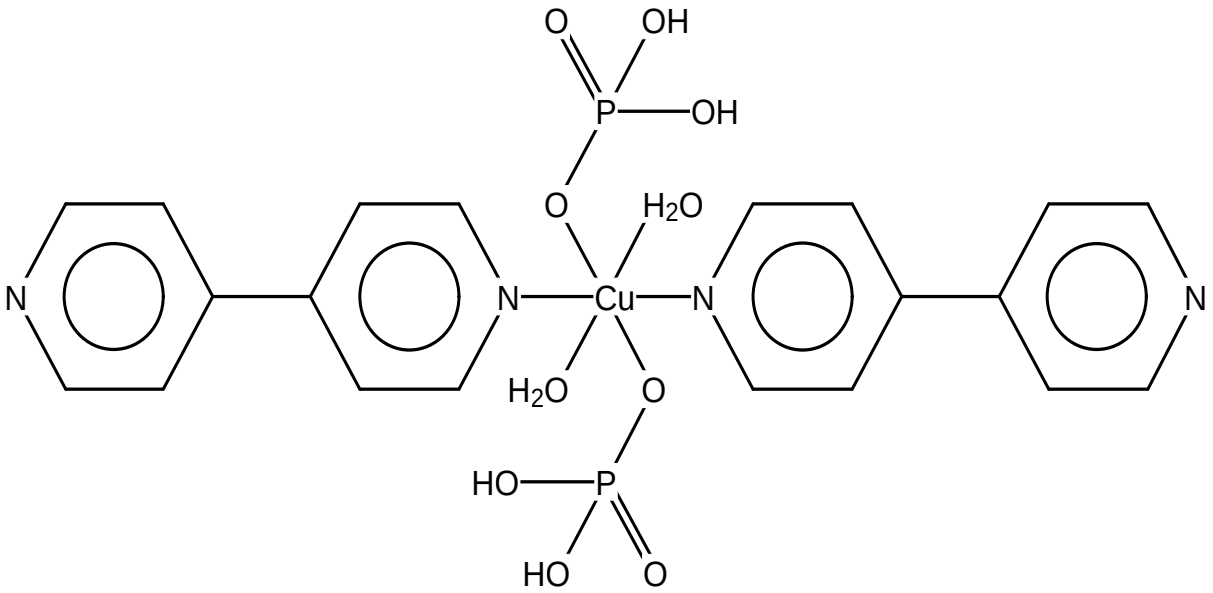
Reference: Hong-yan Mao, Hong-lei Liu, Hong-yun Zhang, Chen Xu, En-bo Wang, Hua-yun Han, Qing-an Wu, Yu Zhu (2004) *Chem.Res.Chin.Univ. ,***20,**277

Formula: $C_{20}\,H_{24}\,Cu_1\,N_4\,O_{10}\,P_2$

Compound Name: Diaqua-bis(4,4'-bipyridine)-bis(dihydrogen phosphato)-copper(ii)

Space Group:	P-1	***Cell:***	***a***	10.253(2)	***b***	14.501(3)	***c*** 7.972(1)
Space Group No.:	2	***(Å,°)***	α	97.91(3)	β	90.99(3)	γ 85.54(3)

R-Factor (%): 8.92 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.719



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2364

TIJQEI02

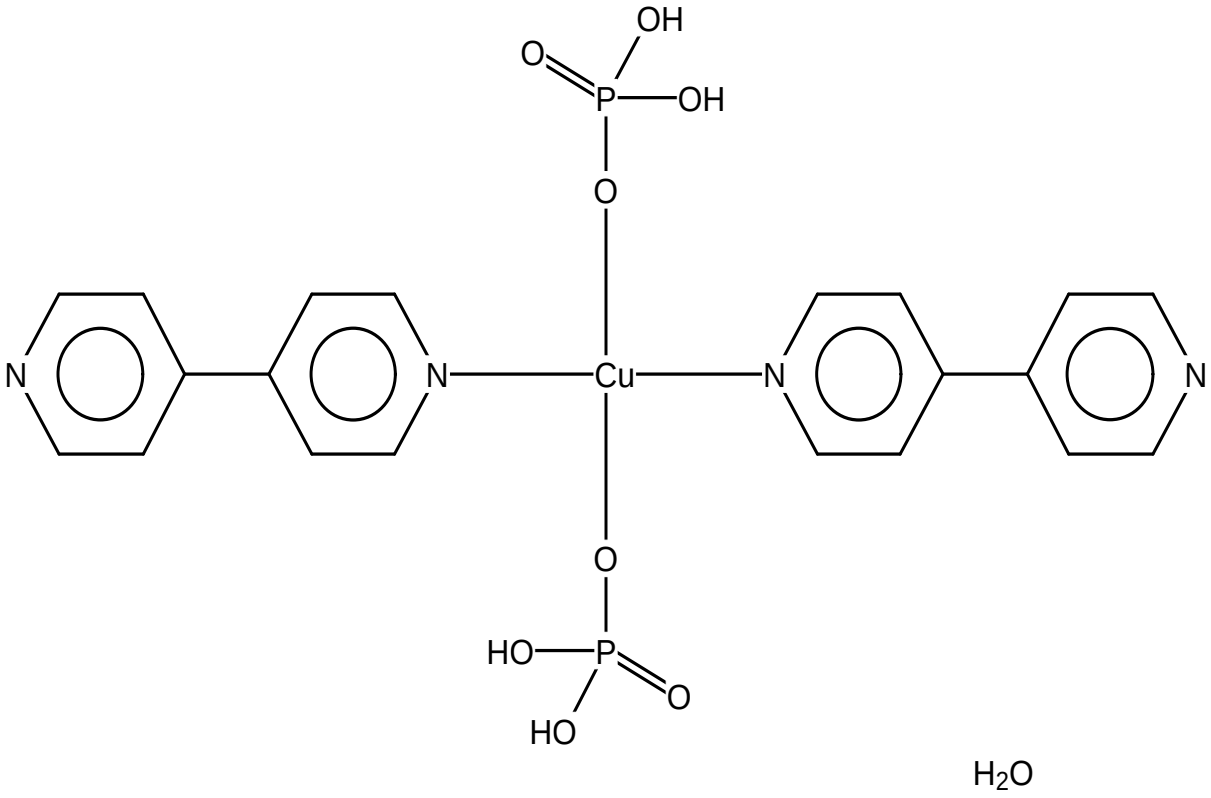
Reference: Bon Kweon Koo, Jungsook Kim, Uk Lee (2006)
*Bull.Korean Chem.Soc. ,***27,**2077

Formula: $C_{20}\ H_{20}\ Cu_1\ N_4\ O_8\ P_2,2(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridine-N)-bis(dihydrogen phosphato-O)-copper(ii) dihydrate

Space Group:	P-1	***Cell:***	***a***	7.987(0)	***b***	10.259(1)	***c***	14.515(2)
Space Group No.:	2	***(Å,°)***	α	85.45(0)	β	82.12(0)	γ	88.85(0)

R-Factor (%):	9.21	***Temperature(K):***	298	***Density(g/cm^3):***	1.714



Search: search1 (Thu May 26 10:05:42 2011): Hit 2365

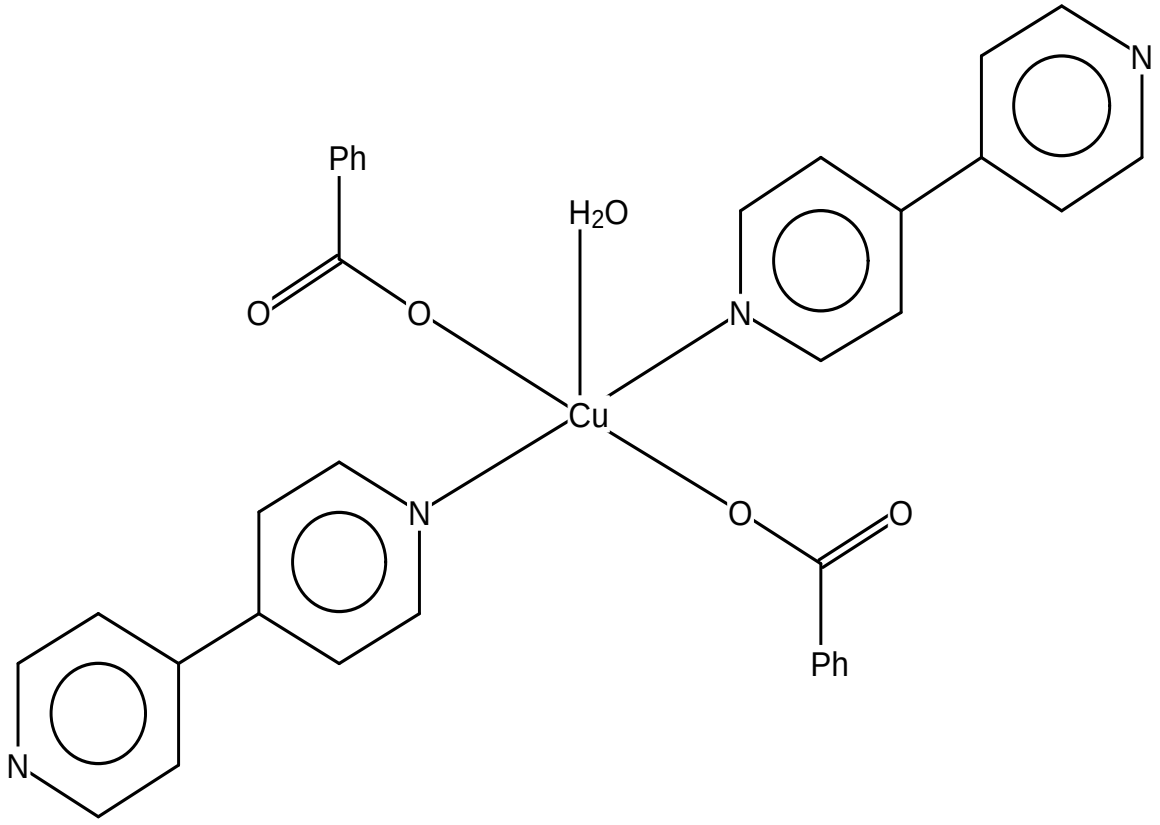
TIKKOO

Reference: Shu-Ting Wu, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2007) *Cryst.Growth Des. ,***7,**1746

Formula: $C_{34}\ H_{28}\ Cu_1\ N_4\ O_5$,2($C_7\ H_6\ O_2$),$C_{10}\ H_8\ N_2$

Compound Name: bis(4,4'-Bipyridine-N)-bis(benzoato-O)-aqua-copper(ii) bis(benzoic acid) 4,4'-bipyridine clathrate

Space Group:	P2/n	***Cell:***	***a***	13.992(4)	***b***	5.715(1)	***c*** 31.126(8)
Space Group No.:	13	***(Å,°)***	α	90.00	β	100.51(0)	γ 90.00
R-Factor (%):	6.98	***Temperature(K):***	123		***Density(g/cm^3):***		1.407





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2366

TIKKUU

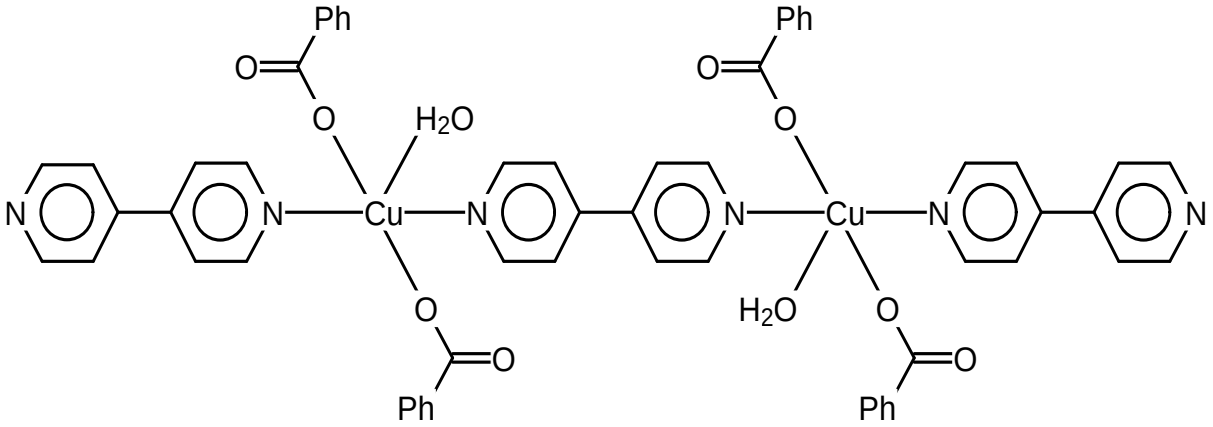
Reference: Shu-Ting Wu, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2007) *Cryst.Growth Des. ,***7,**1746

Formula: $C_{58}\ H_{48}\ Cu_2\ N_6\ O_{10}$,9($H_2\ O_1$)

Compound Name: (μ_2-4,4-Bipyridine)-tetrakis(benzoato-O)-bis(4,4'-bipyridine)-diaqua-di-copper(ii) nonahydrate

Space Group:	C2/c	***Cell:***	***a***	30.283(5)	***b*** 15.139(2)	***c***	14.457(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.78(0)	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.389



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2367

TIKLAB

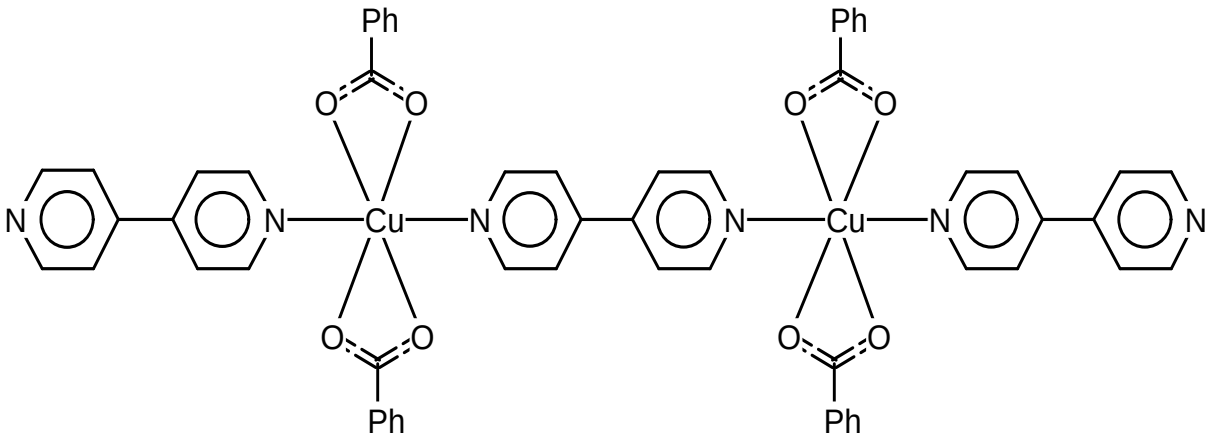
Reference: Shu-Ting Wu, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2007) *Cryst.Growth Des.* ,**7,**1746

Formula: $C_{58}\ H_{44}\ Cu_2\ N_6\ O_8$

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(benzoato-O,O')-bis(4,4'-bipyridine)-di-copper(ii)

Space Group:	P21/c	***Cell:***	***a***	5.832(1)	***b***	21.157(4)	***c*** 20.679(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.34(0)	γ 90.00

R-Factor (%): 3.58 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.410



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2368

TIKLEF

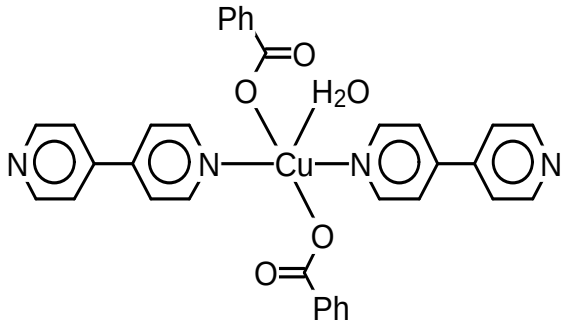
Reference: Shu-Ting Wu, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2007) *Cryst.Growth Des. ,***7,**1746

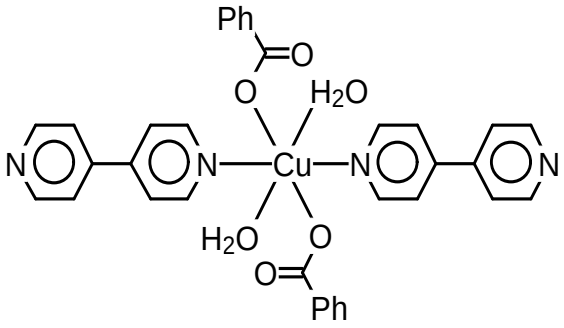
Formula: $(C_{34}\ H_{28}\ Cu_1\ N_4\ O_5)2n,2n(C_{34}\ H_{30}\ Cu_1\ N_4\ O_6),n(C_{72}\ H_{62}\ Cu_3\ N_6\ O_{16}),n(C_{10}\ H_8\ N_2),n$

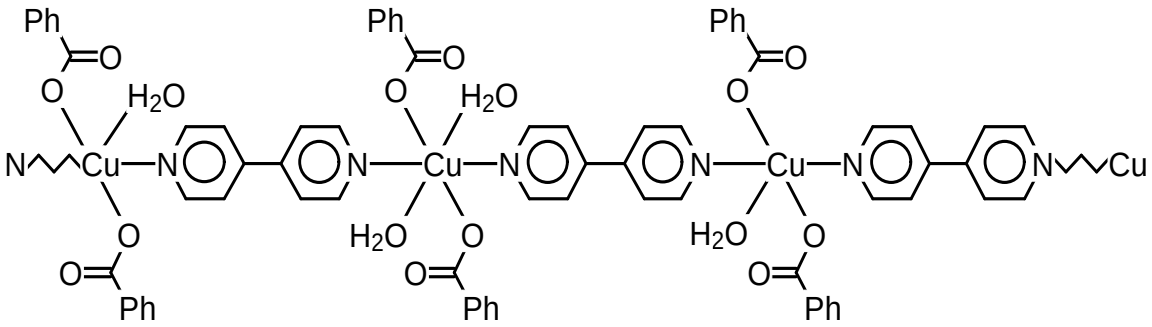
Compound Name: catena-[bis(bis(4,4'-Bipyridine-N)-bis(benzoato-O)-diaqua-copper(ii)) bis(bis(4,4'-bipyridine-N)-bis(benzoato-O,O')-aqua-copper(ii)) (tris(μ_2-4,4'-bipyridine-N,N')-hexakis(benzoato-O)-tetra-aqua-tri-copper(ii)) 4,4'-bipyridine monohydrate]

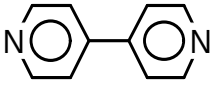
Space Group:	P-1	***Cell:***	***a***	14.016(3)	***b***	18.492(4)	***c***	19.353(4)
Space Group No.:	2	***(Å,°)***	α	66.22(0)	β	79.95(0)	γ	88.39(0)

R-Factor (%): 5.27 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.550











This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2369

TIKLIJ

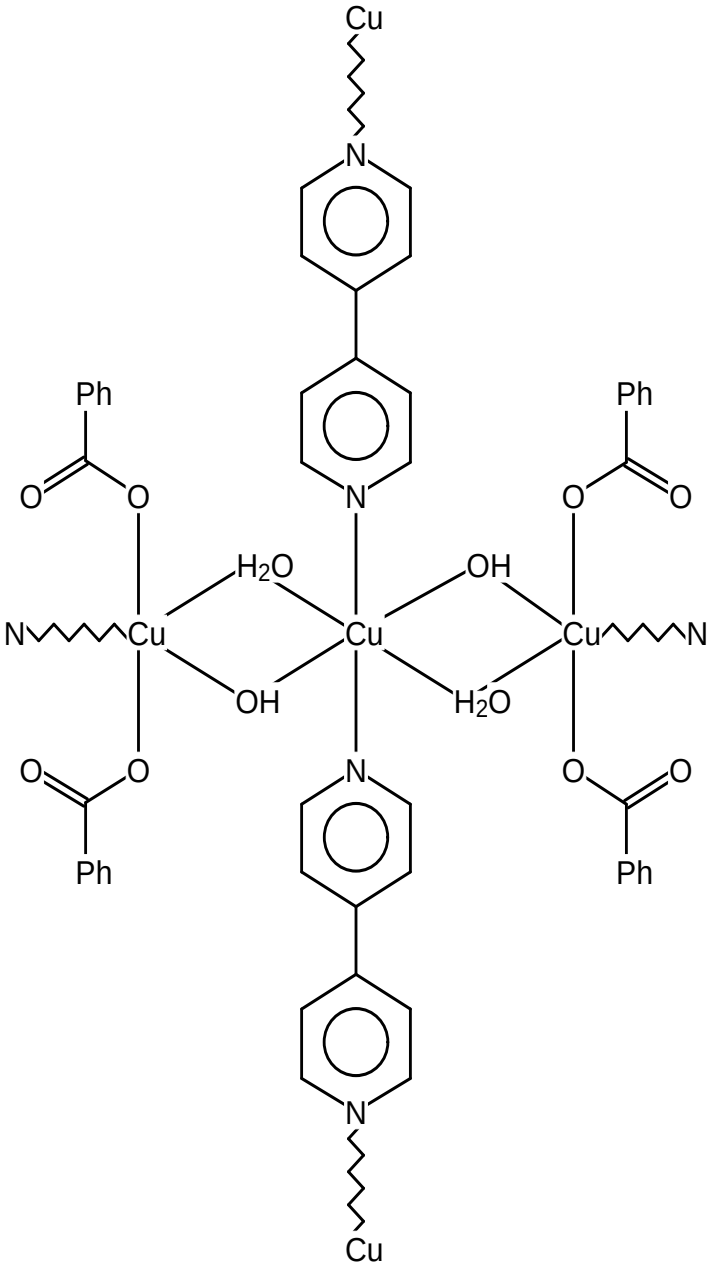
Reference: Shu-Ting Wu, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2007) *Cryst.Growth Des. ,***7,**1746

Formula: $(C_{48}\ H_{42}\ Cu_3\ N_4\ O_{12})n$

Compound Name: catena-[bis(μ_2-Aqua)-bis(μ_2-hydroxo)-bis(μ_2-4,4'-bipyridine)-tetrakis(benzoato-O)-tri-copper(ii)]

Space Group:	P21/c	***Cell:***	***a***	5.688(1)	***b***	17.917(5)	***c***	20.904(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.96(0)	γ	90.00

R-Factor (%): 4.80 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.651



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2370

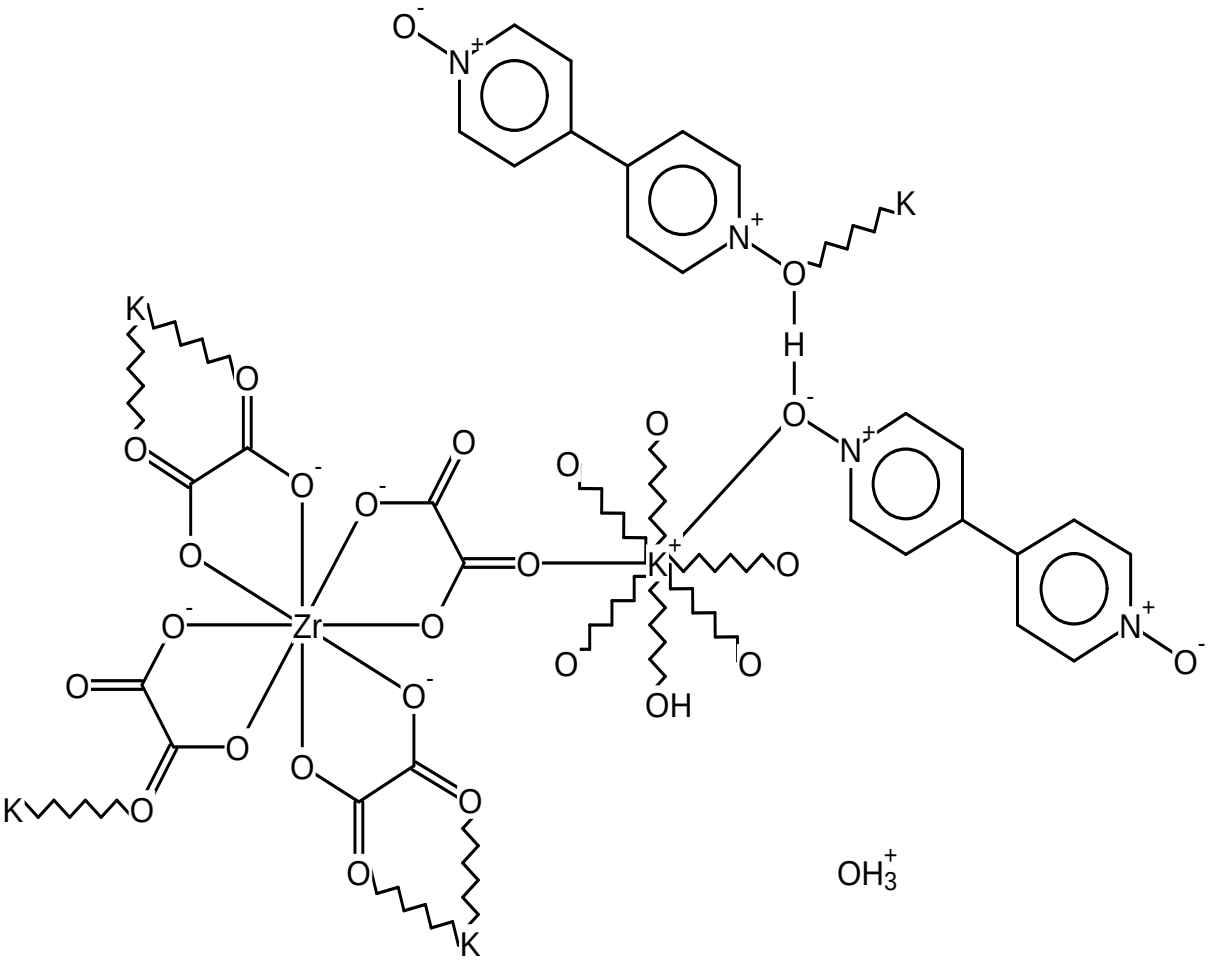
TIKMOQ

Reference: I.Imaz, A.Thillet, J.-P.Sutter (2007) *Cryst.Growth Des. ,***7,** 1753

Formula: $(H_3\ O_1\ ^{1+})2n,n(C_{28}\ H_{17}\ K_1\ N_4\ O_{20}\ Zr_1\ ^{2-})$

Compound Name: catena-[bis(Hydroxonium) bis(μ_2-oxalato-O,O',O'',O''')-bis(μ_2-oxalato-O,O',O'')-(μ_2-hydrido-bis(4,4'-bipyridine-N,N'-dioxide))-potassium-zirconium]

Space Group:	P2/c	***Cell:***	***a***	10.247(2)	***b***	12.096(2)	***c***	13.312(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.92(6)	γ	90.00
R-Factor (%):	3.33	***Temperature(K):***	293		***Density(g/cm^3):***		1.807	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2371

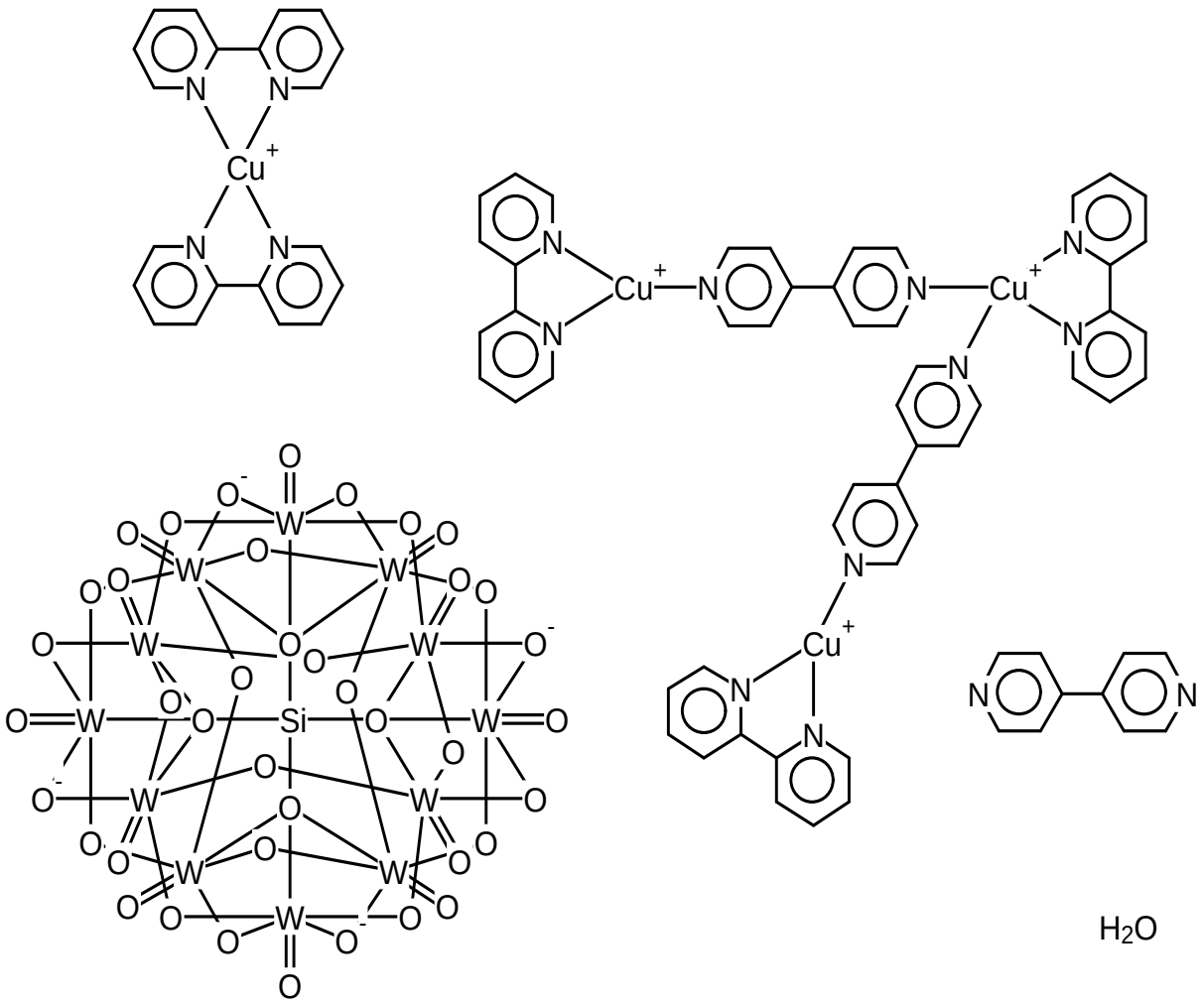
TILBIA

Reference: Yu Wang, Dongrong Xiao, Linlin Fan, Enbo Wang, Jia Liu
(2007) *J.Mol.Struct.* ,**843,**87

Formula: $C_{50}\ H_{40}\ Cu_3\ N_{10}\ ^{3+}$,$C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+}$,$O_{40}\ Si_1\ W_{12}\ ^{4-}$,0.5($C_{10}\ H_8\ N_2$),0.5($H_2\ O_1$)

Compound Name: bis(μ_2-4,4'-bipyridine)-tris(2,2'-bipyridine)-tri-copper(i) bis(2,2'-bipyridine)-copper(i) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten(vi) 4,4'-bipyridine solvate hemihydrate

Space Group:	C2/c	***Cell:***	***a***	15.444(3)	***b***	24.962(5)	***c***	25.806(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.75(3)	γ	90.00
R-Factor (%):	6.12	***Temperature(K):***	293	***Density(g/cm^3):***	2.919			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2372

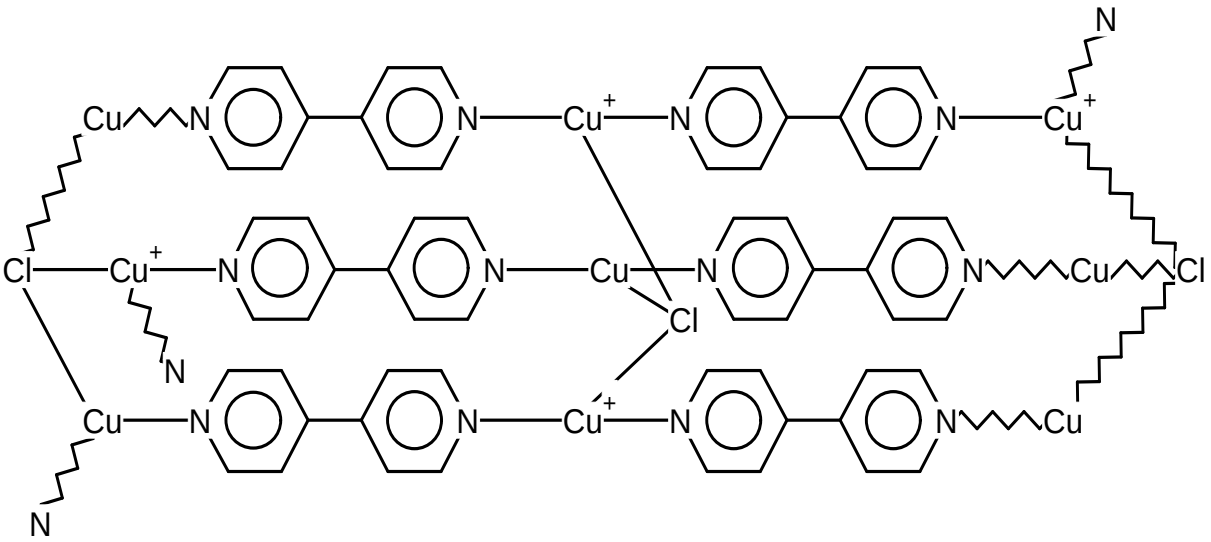
TILBOG

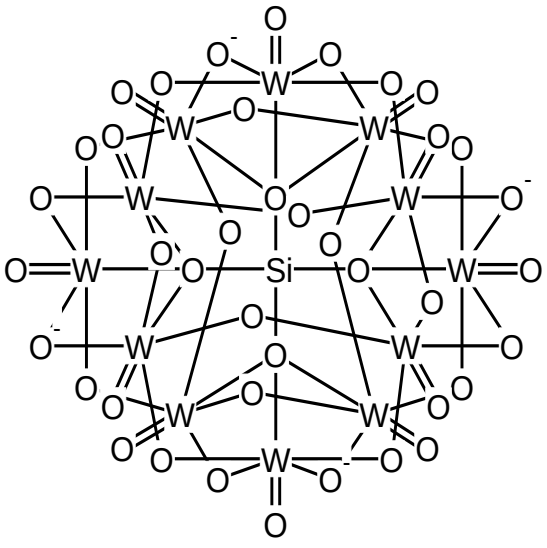
Reference: Yu Wang, Dongrong Xiao, Linlin Fan, Enbo Wang, Jia Liu (2007) *J.Mol.Struct.* ,**843,**87

Formula: $(C_{60}\ H_{48}\ Cl_2\ Cu_6\ N_{12}\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-chloro)-hexakis(μ_2-4,4'-bipyridine)-hexa-copper(i) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten(vi) tetrahydrate)

Space Group:	P-1	***Cell:***	***a*** 10.904(2)	***b*** 15.087(3)	***c*** 15.303(3)
Space Group No.:	2	***(Å,°)***	α 116.23(3)	β 100.08(3)	γ 94.40(3)
R-Factor (%):	4.67	***Temperature(K):***	293	***Density(g/cm^3):***	3.288





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2373

TILCUN

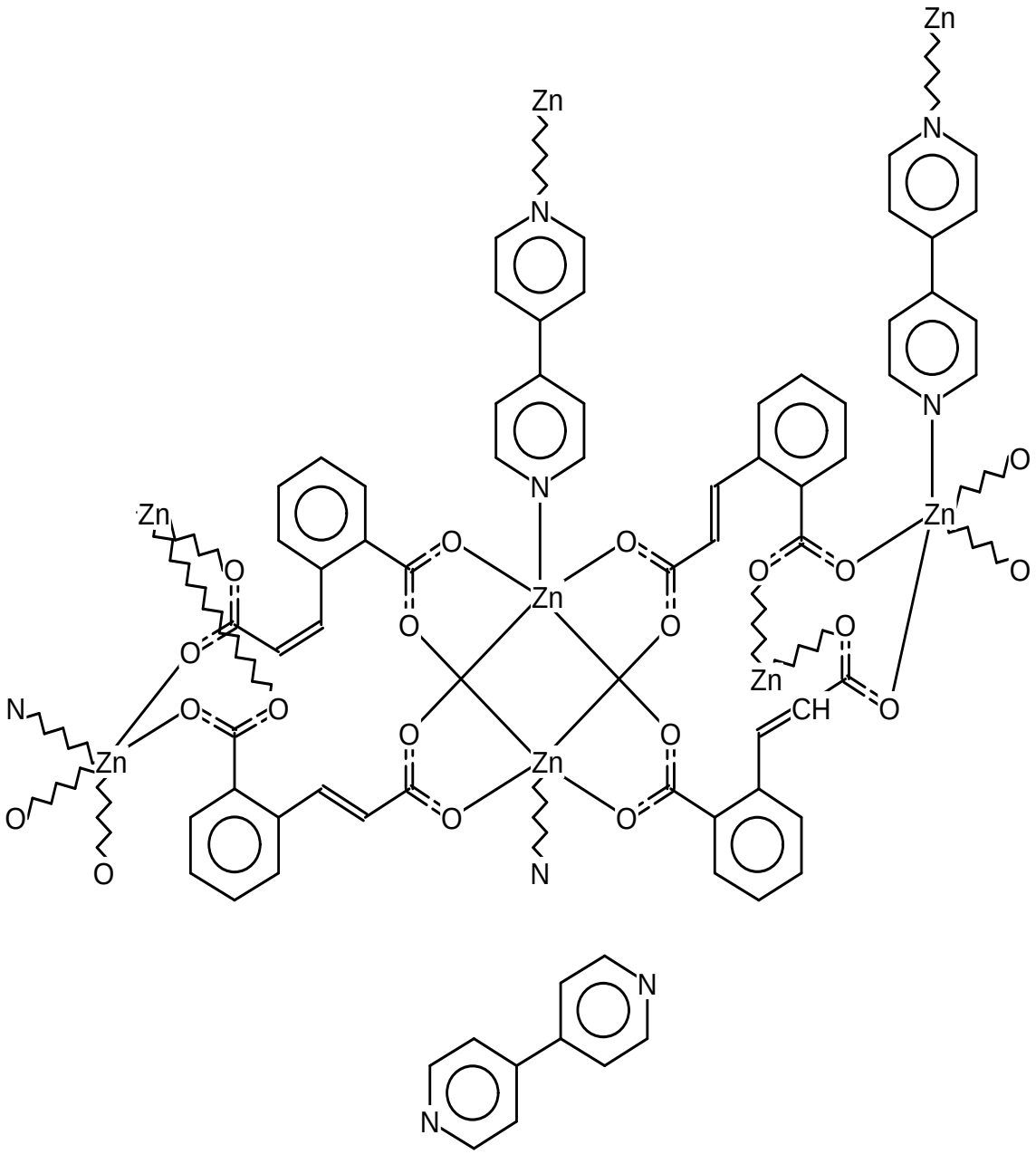
Reference: Chang-Yan Sun, Jie Zhou, Lin-Pei Jin (2007)
J.Mol.Struct. ,**843,**95

Formula: $(C_{60}\ H_{40}\ N_4\ O_{16}\ Zn_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_4-2-carboxycinnamato)-bis(μ_2-4,4'-bipyridine)-tetra-zinc(ii))

Space Group:	P2/n	***Cell:***	***a***	14.161(2)	***b*** 13.997(2)	***c***	16.339(3)
Space Group No.:	13	***(Å,°)***	α	90.00	β 108.81(0)	γ	90.00

R-Factor (%): 4.07 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.615



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2374

TILFIE

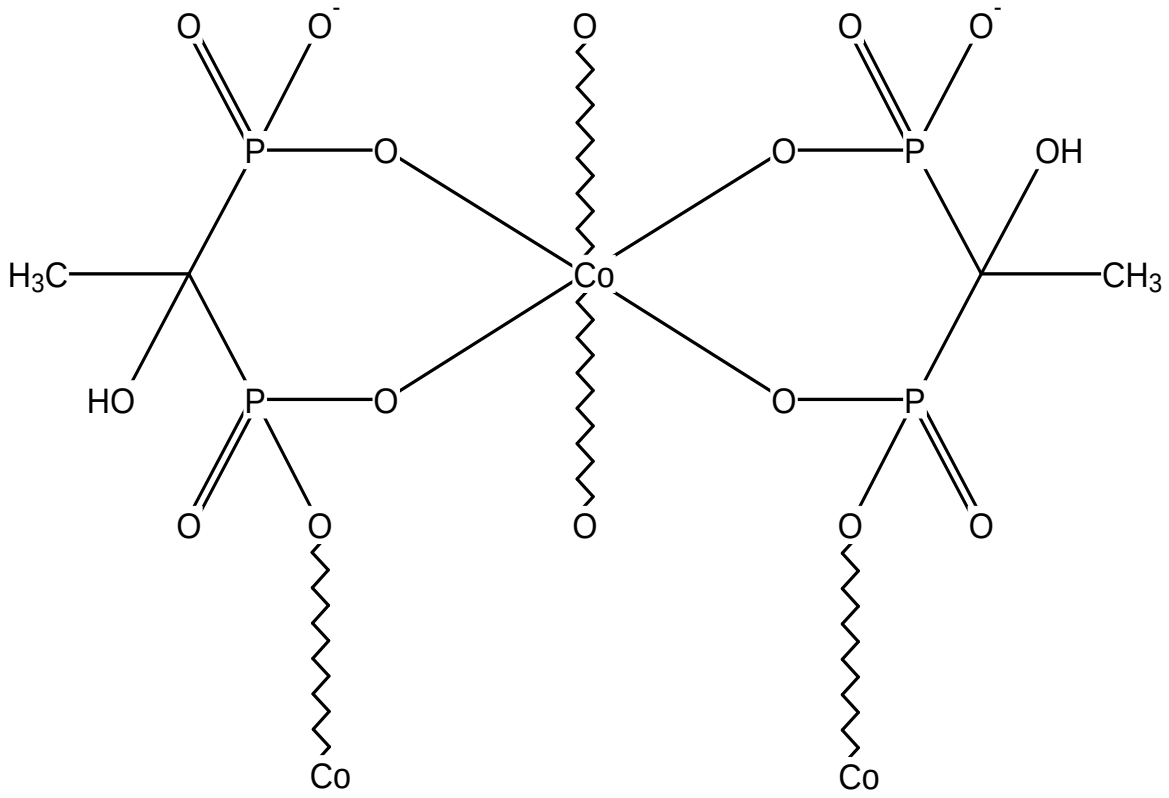
Reference: Jiang-feng Xiang, Ming Li, Si-min Wu, Liang-jie Yuan, Ju-tang Sun (2007) *J.Coord.Chem.* ,**60,**1867

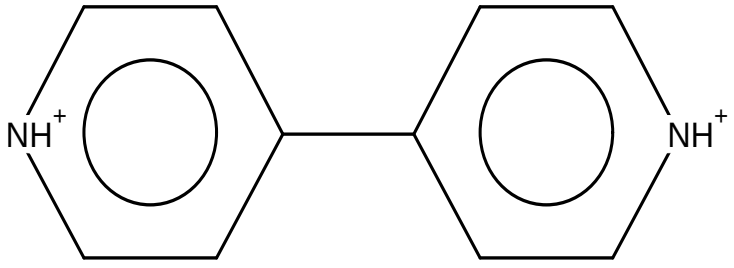
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_4\ H_8\ Co_1\ O_{14}\ P_4\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-(4,4'-bipyridium bis(μ_2-1-hydroxyethylidenediphosphonato)-cobalt(ii) monohydrate)

Space Group:	Cc	***Cell:***	***a***	15.754(6)	***b***	14.457(5)	***c***	10.020(4)
Space Group No.:	9	***(Å,°)***	α	90.00	β	92.02(0)	γ	90.00

R-Factor (%): 5.72 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.861





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2375

TILXES

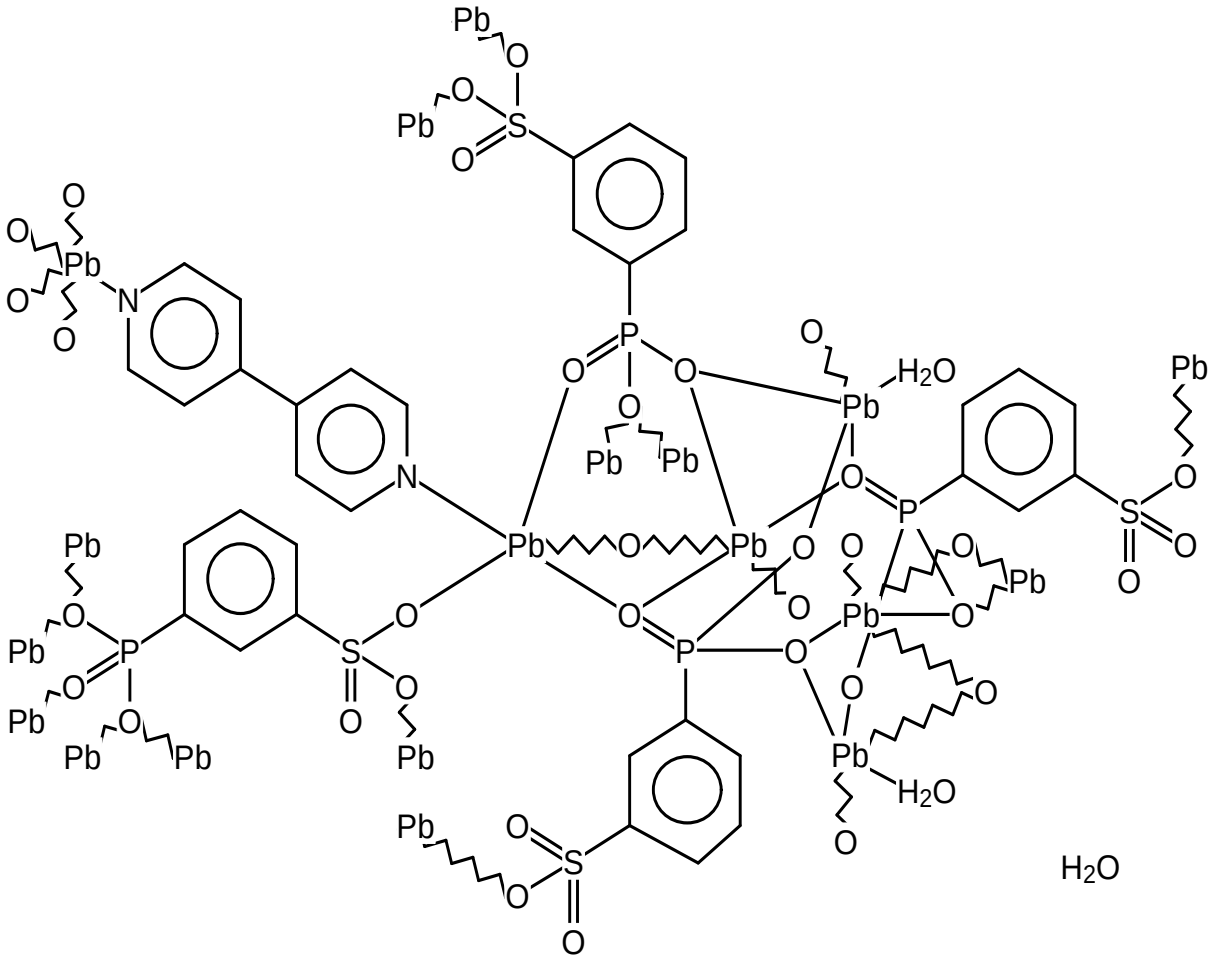
Reference: Zi-Yi Du, Hai-Bing Xu, Xiu-Ling Li, Jiang-Gao Mao (2007)
Eur.J.Inorg.Chem. ,4520

Formula: $(C_{34}\ H_{28}\ N_2\ O_{26}\ P_4\ Pb_6\ S_4)n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_7-3-Sulfophenylphosphonato)-bis(μ_6-3-sulfophenylphosphonato)-(μ_2-4,4'-bipyridine)-diaqua-hexa-lead(ii) dihydrate]

Space Group:	P21/n	***Cell:***	***a***	10.254(0)	***b*** 16.383(0)	***c***	16.641(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.78(0)	γ	90.00

R-Factor (%): 3.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.950


Pb
O
S
P
N
H2O
O
Pb
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2376

TILYET

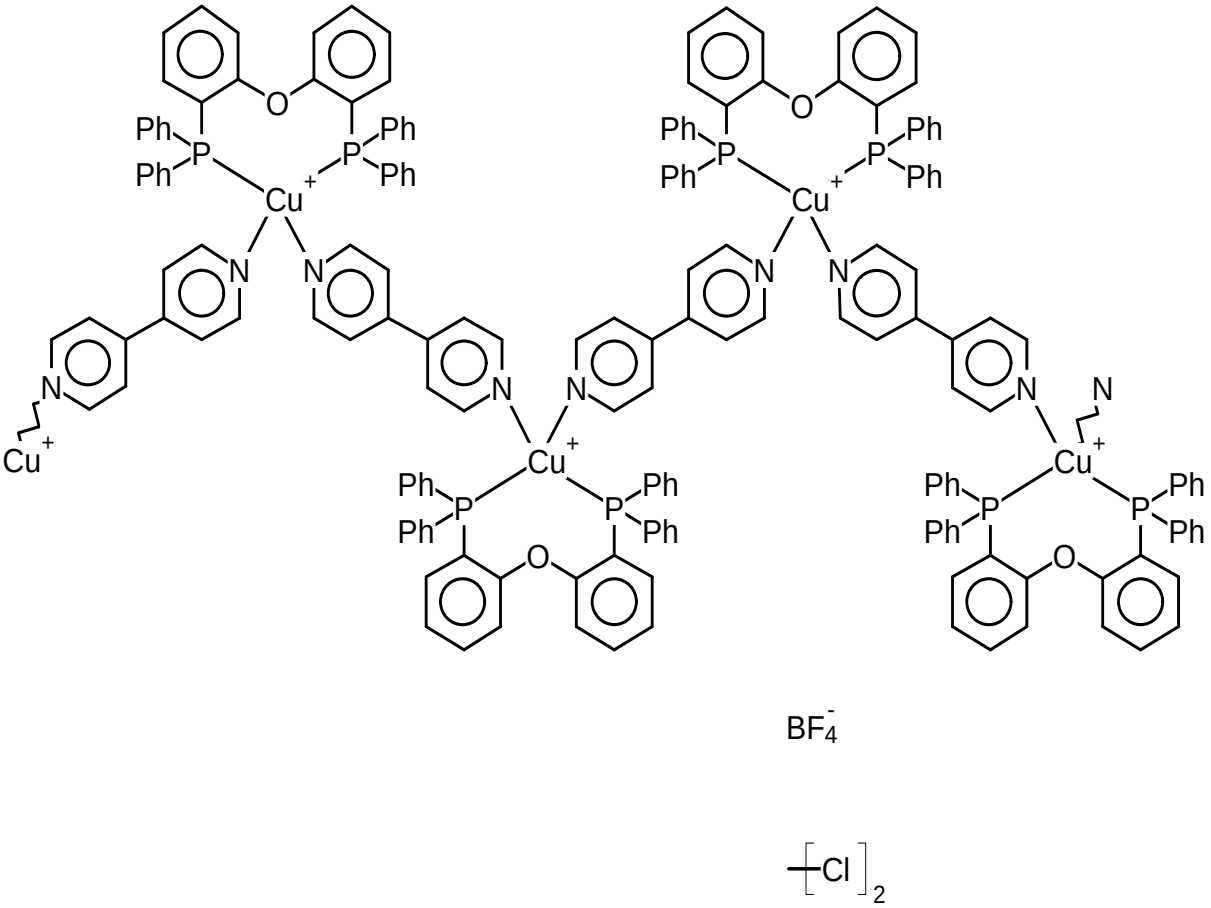
Reference: R.Venkateswaran, M.S.Balakrishna, S.M.Mobin, H.M.Tuononen (2007) *Inorg.Chem.* ,**46,**6535

Formula: $(C_{184}\ H_{144}\ Cu_4\ N_8\ O_4\ P_8\ ^{4+})n,4n(B_1\ F_4\ ^{1-}),7.5n(C_1\ H_2\ Cl_2)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-tetrakis(bis(2-(diphenylphosphino) phenyl) ether)-tetra-copper(i) tetrakis(tetrafluoroborate) dichloromethane solvate)

Space Group:	P-1	***Cell:***	***a***	13.803(2)	***b***	19.089(4)	***c***	20.051(5)
Space Group No.:	2	***(Å,°)***	α	69.25(1)	β	77.06(1)	γ	72.71(1)

R-Factor (%): 7.36 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.427



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2377

TINQIR

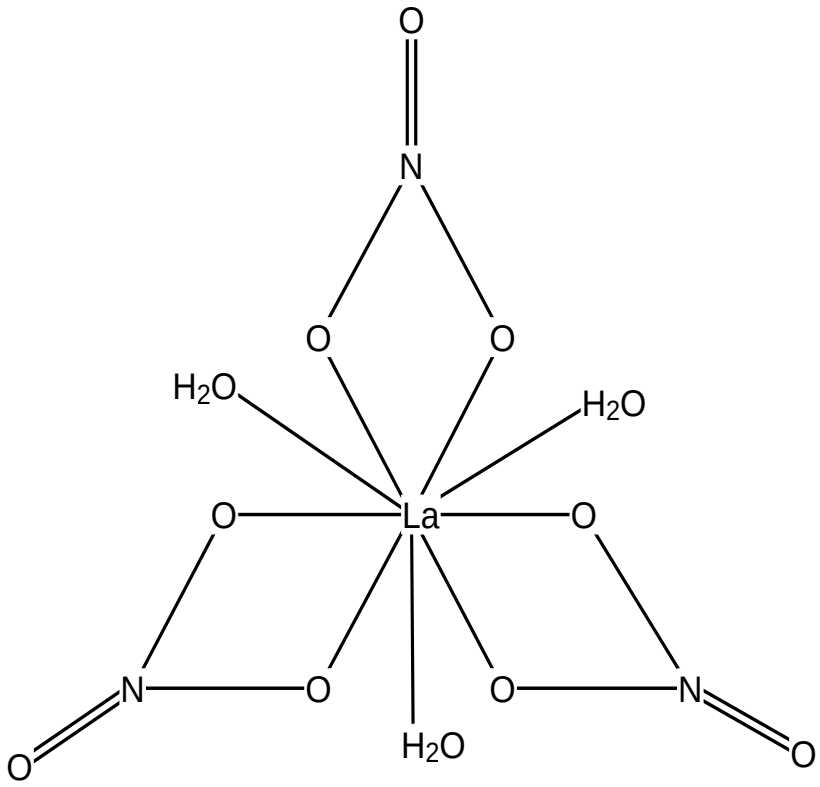
Reference: Nai-Gen Li, Rui-Min Tao, Bang-Feng Fu (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2715

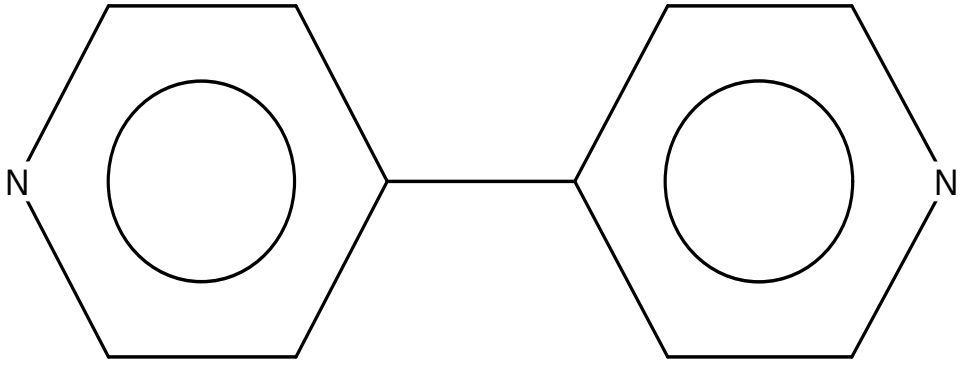
Formula: $2(C_{10}\ H_8\ N_2),H_6\ La_1\ N_3\ O_{12}$

Compound Name: Triaqua-tris(nitrato-κ^2O,O')-lanthanum(iii) 4,4'-bipyridine solvate

Space Group:	P21/n	***Cell:***	***a***	7.970(2)	***b*** 20.781(2)	***c***	16.401(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.30(0)	γ	90.00

R-Factor (%): 2.84 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.730





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2378

TIPBID

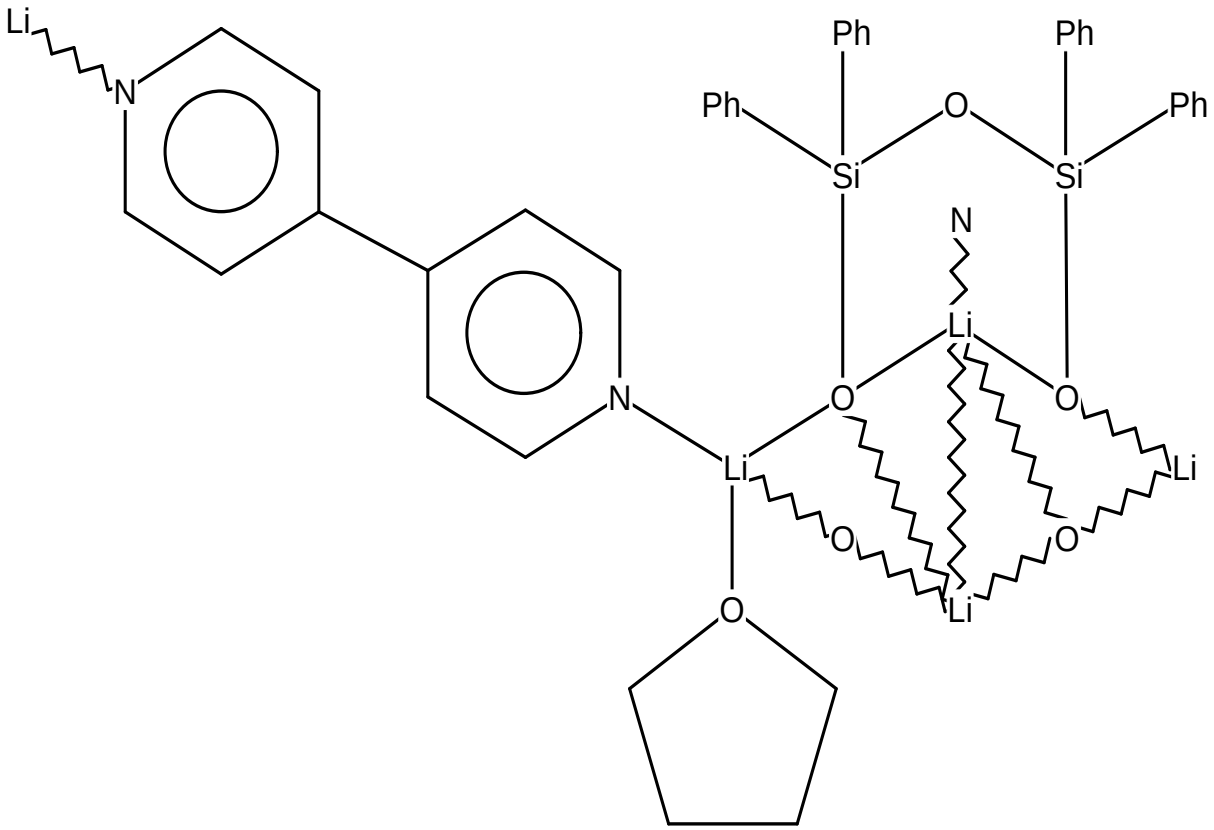
Reference: M.Motevalli, D.Shah, A.C.Sullivan (1996)
*J.Organomet.Chem. ,***513,**239

Formula: $(C_{38}\ H_{36}\ Li_2\ N_2\ O_4\ Si_2)n$

Compound Name: catena-($(\mu_2$-4,4'-Dipyridine)-bis(tetraphenyldisiloxanediolato)-bis(tetrahydrofuran)-di-lithium)

Space Group:	P21/n	***Cell:***	***a***	13.308(1)	***b***	17.729(2)	***c***	17.885(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.73(1)	γ	90.00

R-Factor (%): 8.46 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.034



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2379

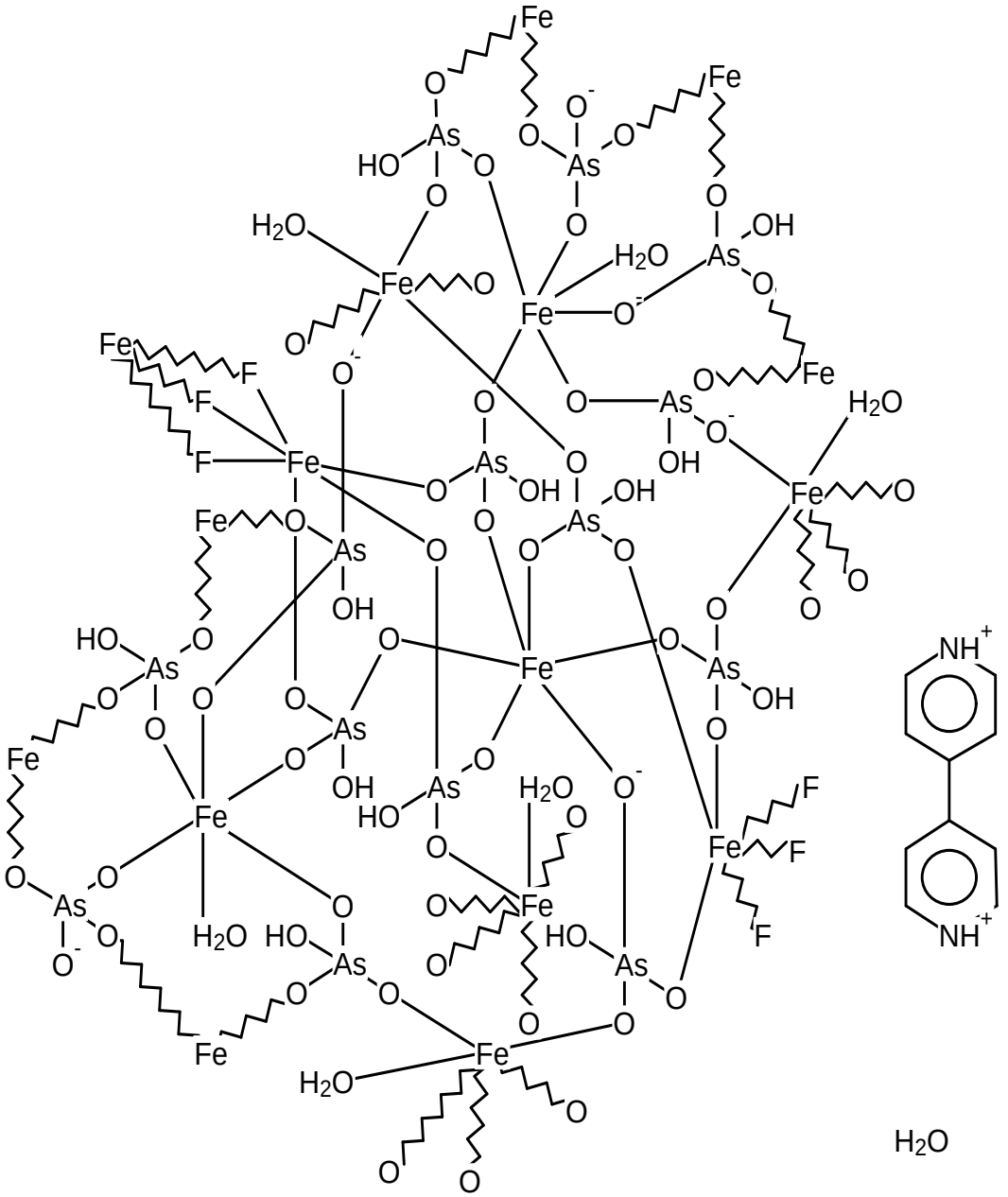
TIQPUF

Reference: V.K.Rao, M.A.Green, S.K.Pati, S.Natarajan (2007) *J.Phys.Chem.B ,***111,**12700

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})3n,n(H_{24}\ As_{14}\ F_3\ Fe_9\ O_{62}\ ^{6-}),2n(H_2\ O_1)$

Compound Name: catena-(tris(4,4'-Bipyridinium) dodecakis(μ_3-hydrogen arsenato)-bis(μ_3-arsenato)-tris(μ_2-fluoro)-hexaaqua-nona-iron dihydrate)

Space Group:	P-31c	***Cell:***	***a***	13.903(1)	***b***	13.903(1)	***c*** 23.919(4)
Space Group No.:	163	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	3.15	***Temperature(K):***	293		***Density(g/cm^3):***		2.601



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2380

TIRRIW

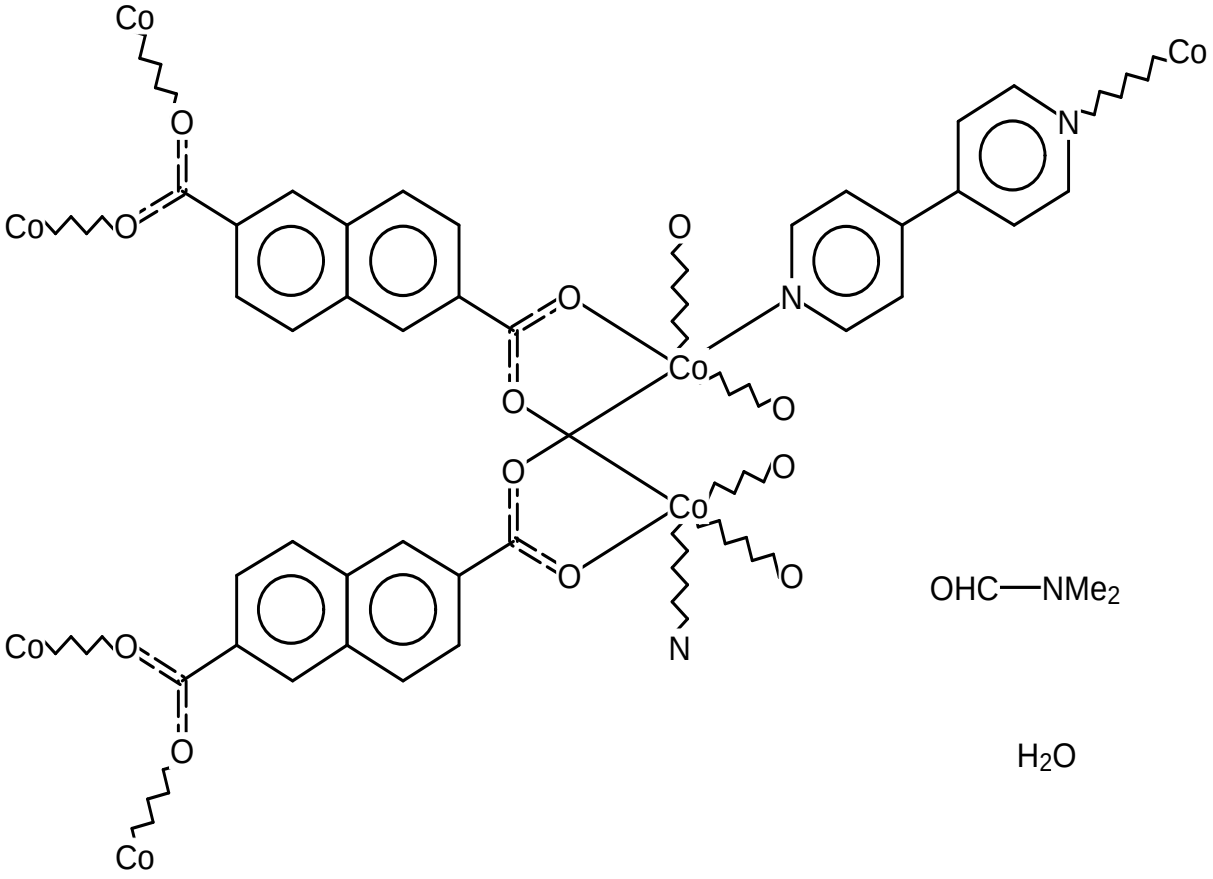
Reference: Banglin Chen, Shengqian Ma, E.J.Hurtado, E.B.Lobkovsky, Chengdu Liang, Haoguo Zhu, Sheng Dai (2007) *Inorg.Chem. ,***46,**8705

Formula: $(C_{34}\ H_{20}\ Co_2\ N_2\ O_8)n,3n(C_3\ H_7\ N_1\ O_1),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_4-2,6-Naphthalenedicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-cobalt tris(dimethylformamide) clathrate dihydrate]

Space Group:	P-1	***Cell:***	***a***	12.939(5)	***b***	13.092(5)	***c*** 13.754(4)
Space Group No.:	2	***(Å,°)***	α	85.45(1)	β	70.30(1)	γ 83.73(1)

R-Factor (%): 5.24 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.460



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2381

TIRZID

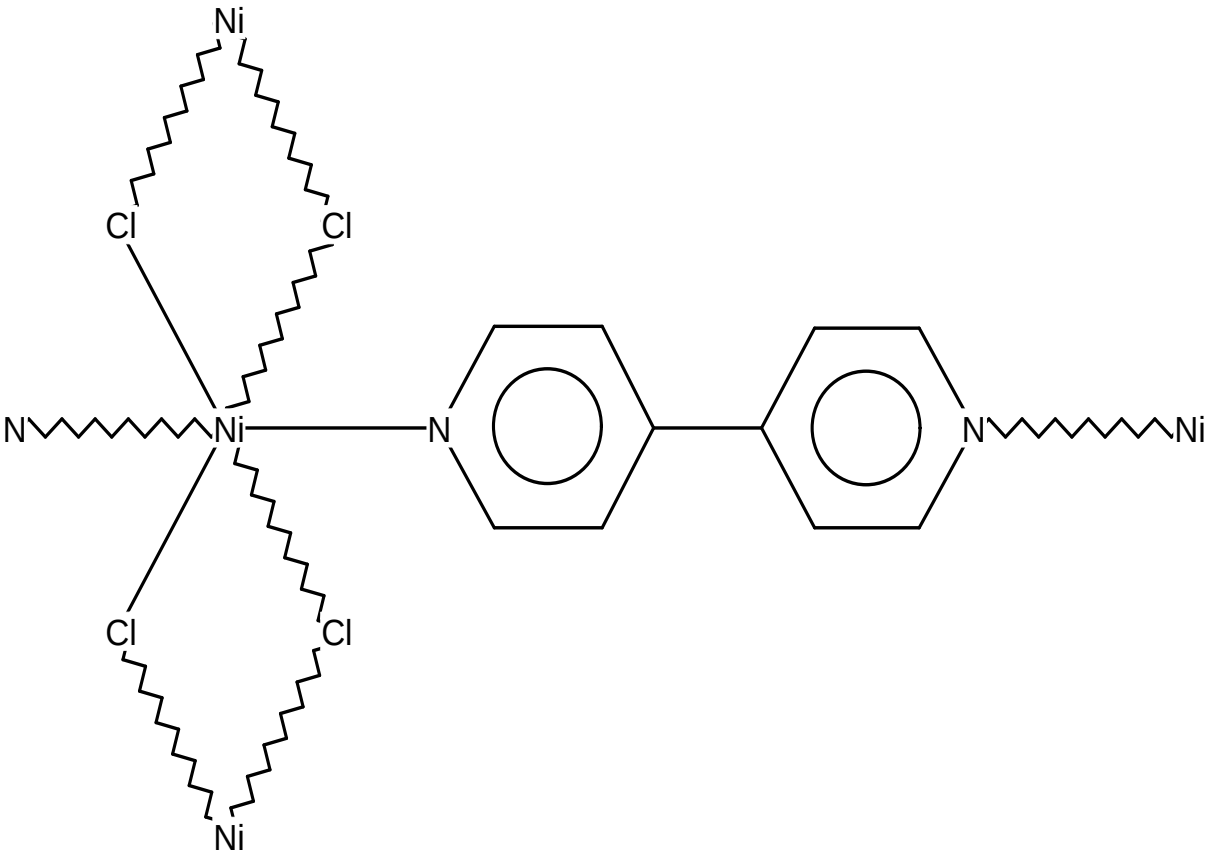
Reference: N.Masciocchi, P.Cairati, L.Carlucci, G.Mezza, G.Ciani, A.Sironi (1996) *J.Chem.Soc.,Dalton Trans.* ,2739

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Ni_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-chloro)-nickel(ii))

Space Group:	Cmmm	***Cell:***	***a***	11.982(0)	***b***	11.320(0)	***c***	3.583(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.953



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2382

TIRZOJ

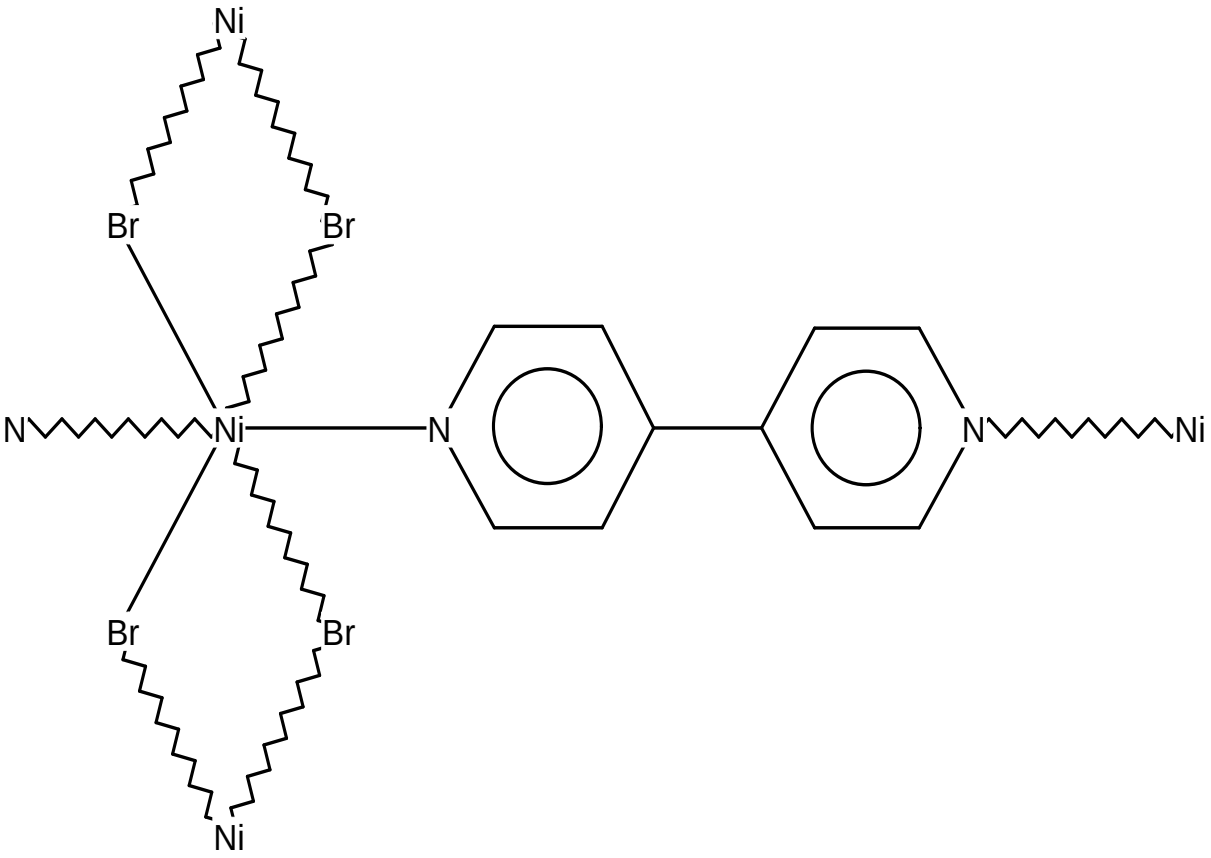
Reference: N.Masciocchi, P.Cairati, L.Carlucci, G.Mezza, G.Ciani, A.Sironi (1996) *J.Chem.Soc.,Dalton Trans.* ,2739

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ Ni_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-bromo)-nickel(ii))

Space Group:	Cmmm	***Cell:***	***a***	12.396(0)	***b***	11.330(0)	***c***	3.734(0)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.373



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2383

TISBAY

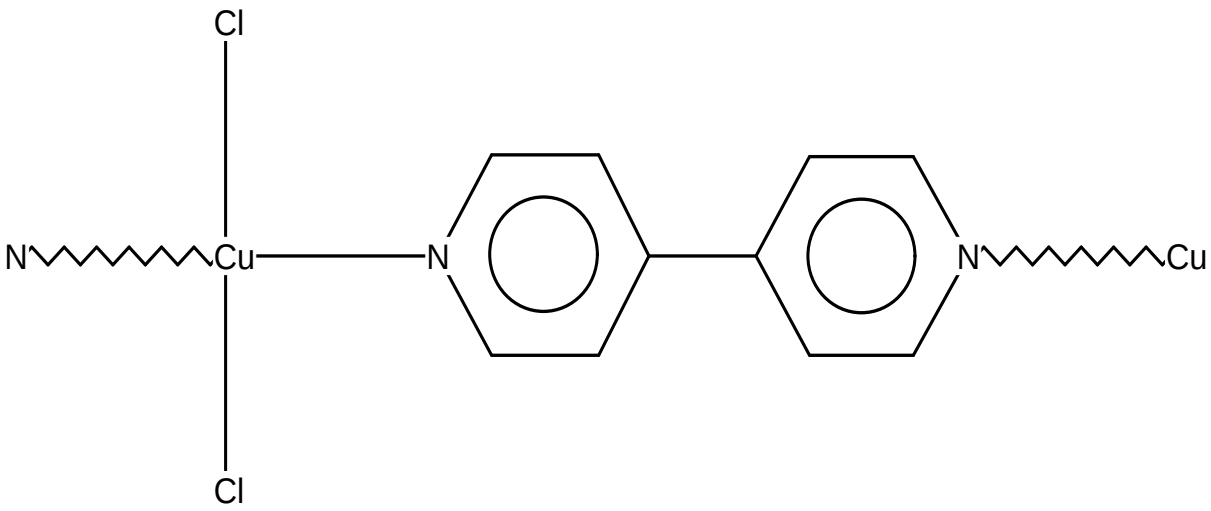
Reference: N.Masciocchi, P.Cairati, L.Carlucci, G.Mezza, G.Ciani, A.Sironi (1996) *J.Chem.Soc.,Dalton Trans.* ,2739

Formula: $(C_{10}\ H_8\ Cl_2\ Cu_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-chloro)-copper(ii))

Space Group:	B112/m	***Cell:***	***a***	12.111(2)	***b***	11.117(3)	***c*** 3.754(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β	90.00	γ 92.08(1)

R-Factor (%): 3.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.911



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2384

TISBAY01

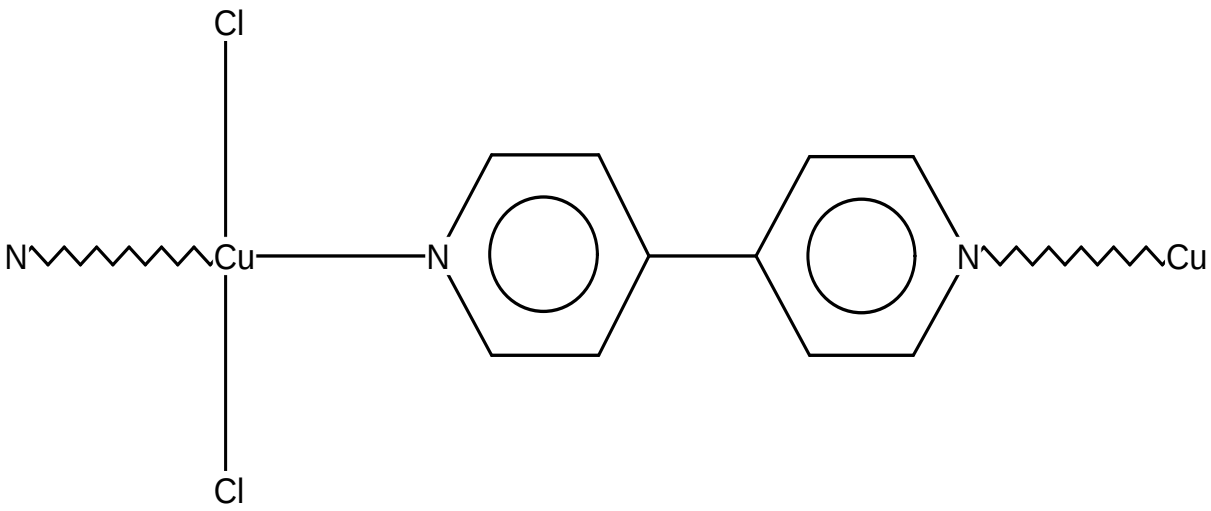
Reference: N.Masciocchi, P.Cairati, L.Carlucci, G.Mezza, G.Ciani, A.Sironi (1996) *J.Chem.Soc.,Dalton Trans.* ,2739

Formula: $(C_{10}\ H_8\ Cl_2\ Cu_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-chloro)-copper(ii))

Space Group:	Cmmm	***Cell:***	***a***	12.104(2)	***b***	11.140(4)	***c*** 3.752(1)
Space Group No.:	65	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.908



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2385

TISBEC

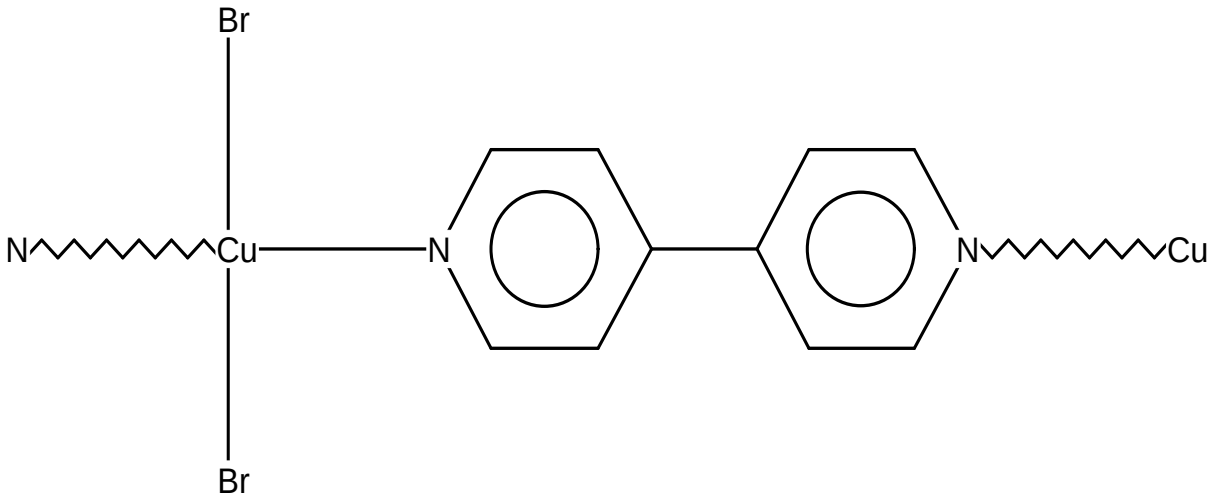
Reference: N.Masciocchi, P.Cairati, L.Carlucci, G.Mezza, G.Ciani, A.Sironi (1996) *J.Chem.Soc.,Dalton Trans.* ,2739

Formula: $(C_{10}\ H_8\ Br_2\ Cu_1\ N_2)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-dibromo-copper(ii))

Space Group:	C2/m	***Cell:***	***a***	12.291(1)	***b*** 11.130(0)	***c***	3.975(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 99.65(0)	γ	90.00

R-Factor (%): 3.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.351



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2386

TITXOJ

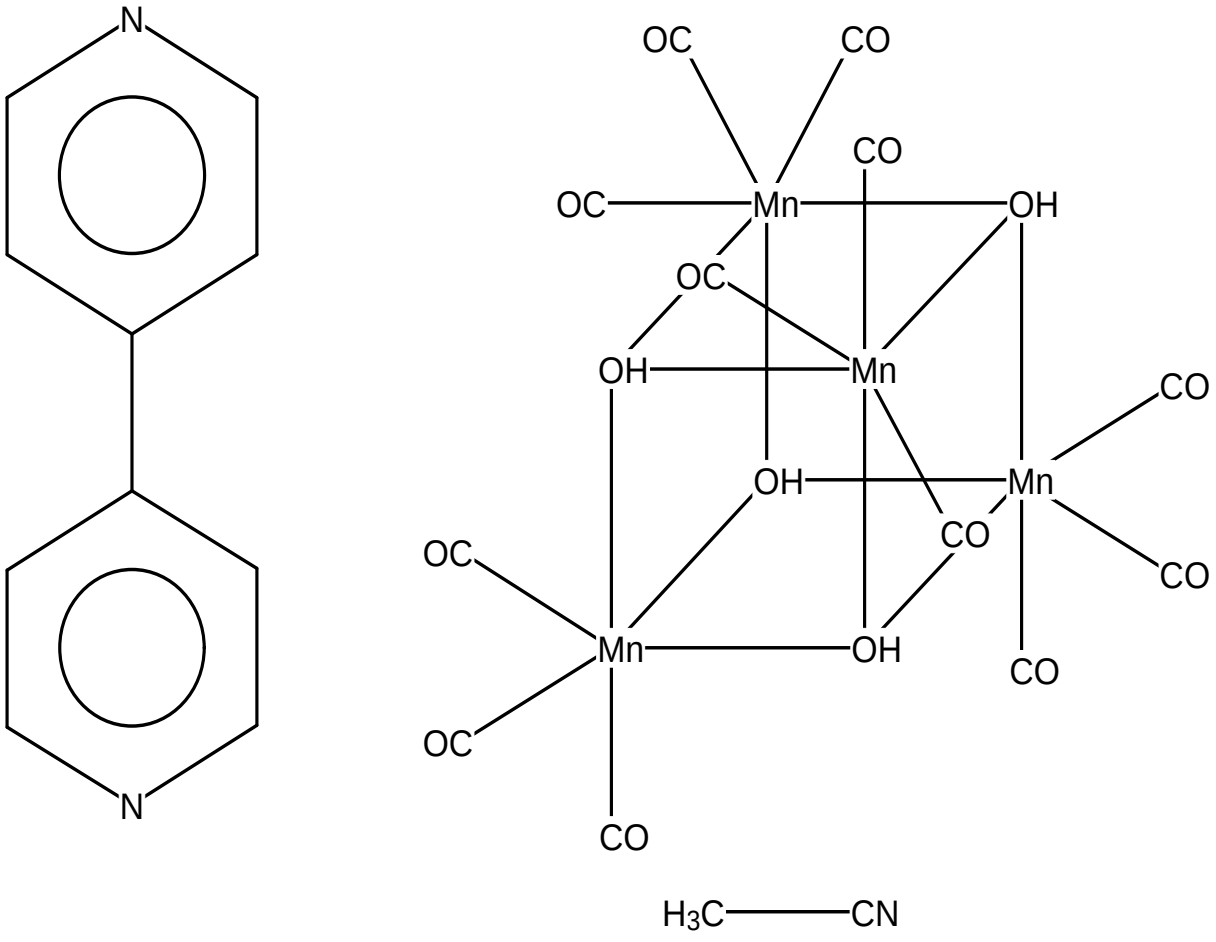
Reference: H.Abourahma, S.B.Copp, M.-A.MacDonald, R.E.Melendez, S.D.Batchilder, M.J.Zaworotko (1995) *J.Chem.Cryst.* , **25,**731

Formula: $C_{10}\ H_8\ N_2, C_{12}\ H_4\ Mn_4\ O_{16}, 2(C_2\ H_3\ N_1)$

Compound Name: tetrakis((μ_3-Hydroxo)-tricarbonyl-manganese) 4,4'-bipyridyl acetonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	16.942(6)	***b*** 12.395(1)	***c***	18.790(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.88(3)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.600



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2387

TIVLEQ

Reference: Jingquan Sha, Jun Peng, Aixiang Tian, Hongsheng Liu, Jing Chen, Pengpeng Zhang, Zhongmin Su (2007) *Cryst.Growth Des.* , **7,**2535

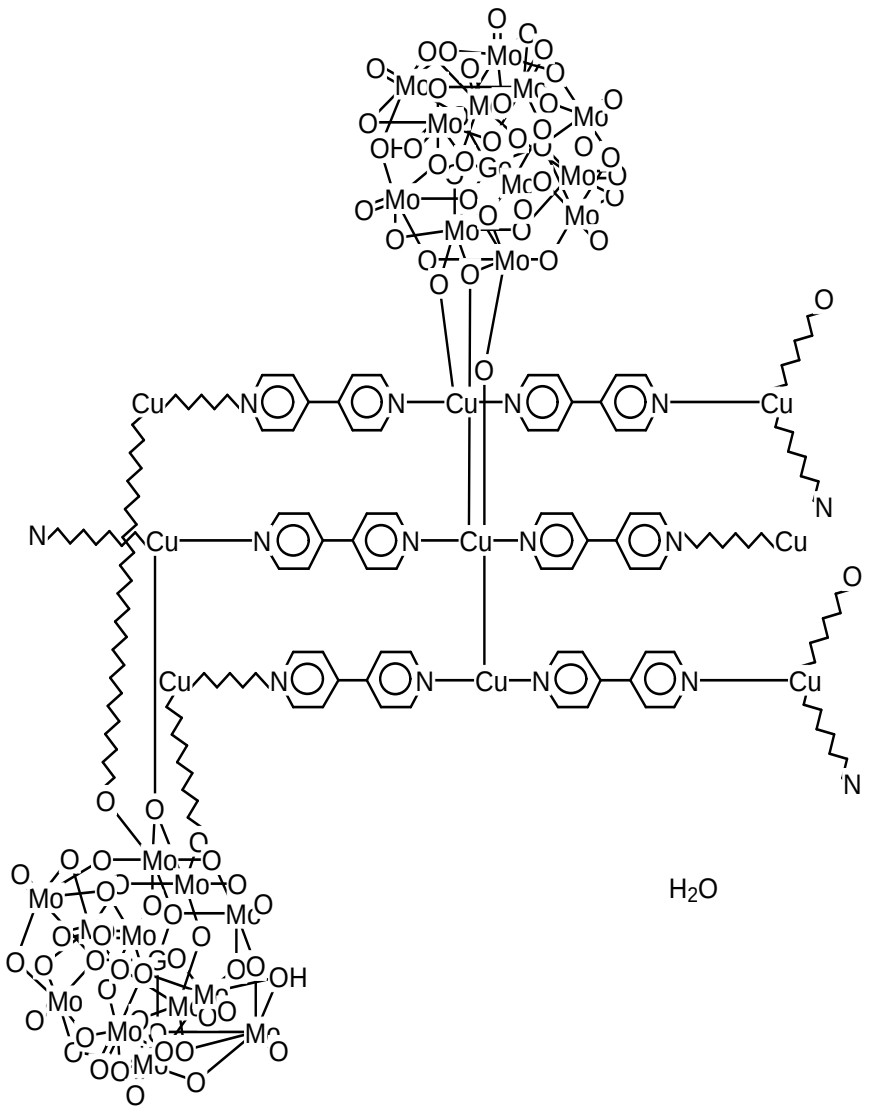
Formula: $(C_{60}\ H_{50}\ Cu_6\ Ge_2\ Mo_{24}\ N_{12}\ O_{80})n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_{12}-Germato)-bis(μ_3-oxo)-hexakis(μ_2-bipyridyl)-bis(μ_2-hydroxo)-octacontakis(μ_2-oxo)-icosaoxo-hexa-copper(i)-tetracosa-molybdenum monohydrate)

Synonym: catena-(bis(μ_3-α-Hydrogen(germato)polyoxododecamolybdate)-hexakis(μ_2-4,4'-bipyridyl)-hexa-copper(i) monohydrate)

Space Group:	P-1	***Cell:***	***a***	13.066(5)	***b*** 13.610(5)	***c***	17.821(5)
Space Group No.:	2	***(Å,°)***	α	88.03(0)	β 87.09(0)	γ	75.71(0)

R-Factor (%): 7.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.743



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2388

TIVLIU

Reference: Jingquan Sha, Jun Peng, Aixiang Tian, Hongsheng Liu, Jing Chen, Pengpeng Zhang, Zhongmin Su (2007) *Cryst.Growth Des. ,* **7,**2535

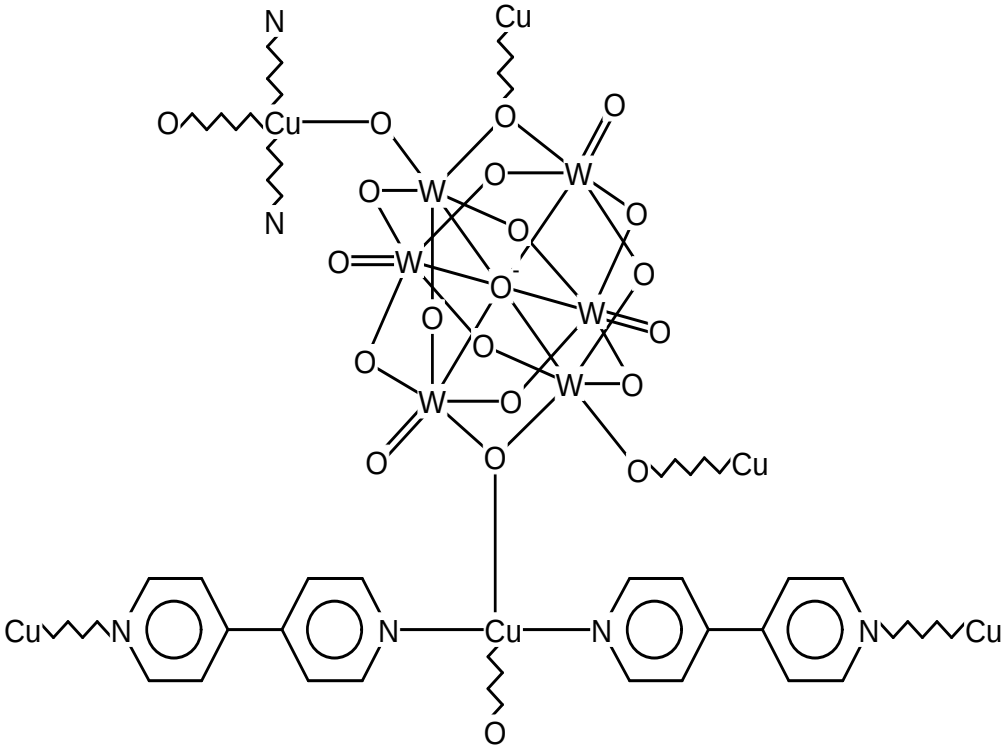
Formula: $(C_{20}\ H_{16}\ Cu_2\ N_4\ O_{19}\ W_6\ ^{1-})n,n(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+}),4n(H_2\ O_1)$

Compound Name: catena-((μ_6-Oxo)-bis(μ_3-oxo)-bis(μ_2-4,4'-bipyridyl)-dodecakis(μ_2-oxo)-tetraoxo-di-copper(i)-hexa-tungsten (μ_2-4,4'-bipyridyl)-copper(i) tetrahydrate)

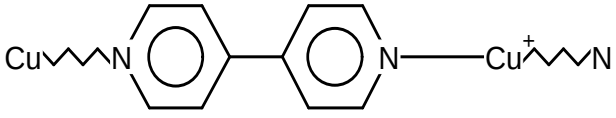
Synonym: catena-((μ_4-Polyoxohexatungstate)-bis(μ_2-4,4'-bipyridyl)-di-copper(i) (μ_2-4,4'-bipyridyl)-copper(i) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.645(0)	***b***	10.876(0)	***c***	11.126(0)
Space Group No.:	2	***(Å,°)***	α	89.60(0)	β	65.68(0)	γ	87.70(0)

R-Factor (%): 5.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.342



H_2O



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2389

TIVZEE

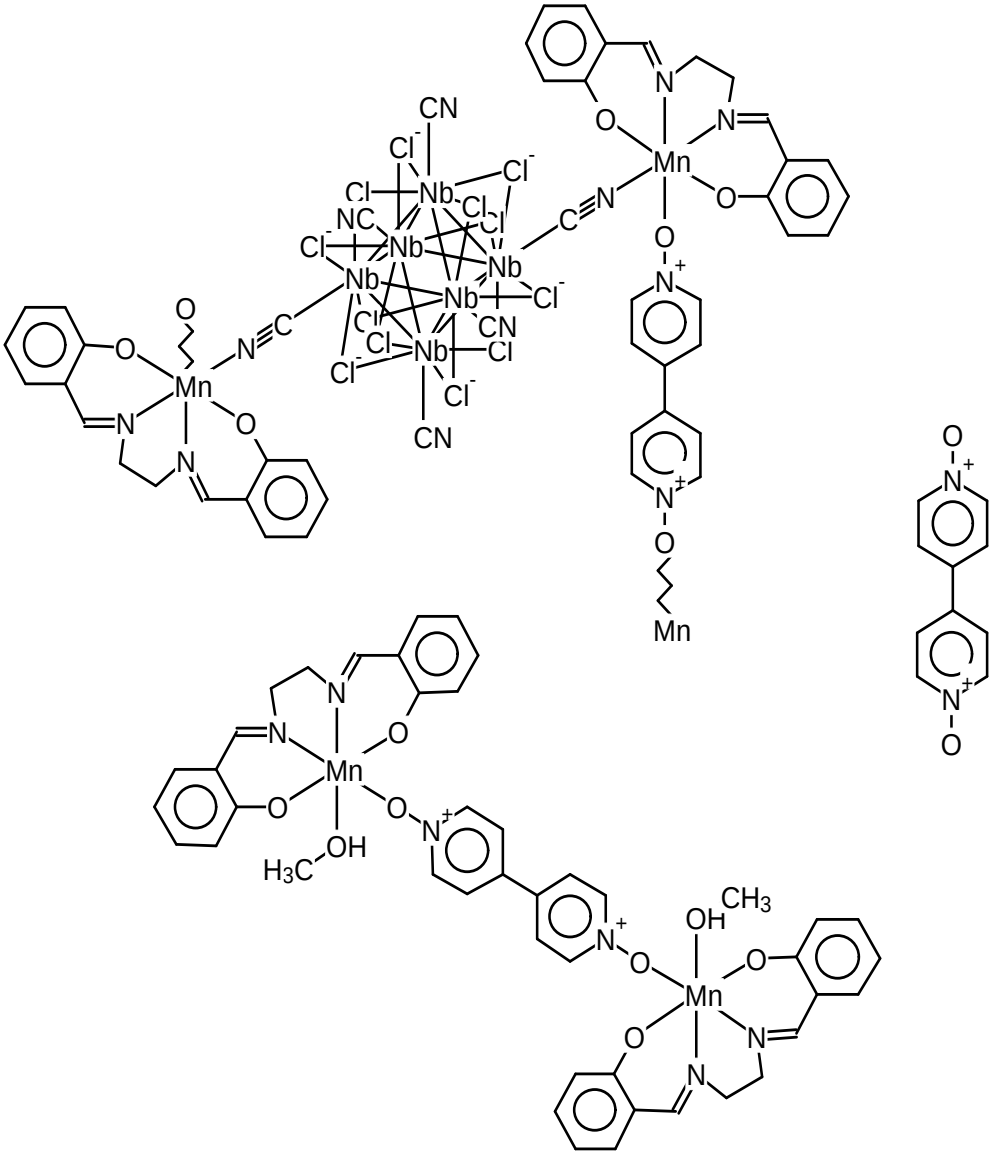
Reference: Jian-Jun Zhang, Yue Zhao, S.A.Gamboa, A.Lachgar (2008) *Cryst.Growth Des.* ,**8,**172

Formula: $(C_{48}\ H_{36}\ Cl_{12}\ Mn_2\ N_{12}\ Nb_6\ O_6\ ^{4-})n,n(C_{44}\ H_{44}\ Mn_2\ N_6\ O_8\ ^{2+}),n(C_{10}\ H_8\ N_2\ O_2\ ^{2+})$

Compound Name: catena-(4,4'-Bipyridinedi-ium N,N'-dioxide (μ_2-4,4'-bipyridinedi-ium N,N'-dioxido)-bis(N,N'-bis(salicylidenealdiminato)ethylenediamine)-bis(methanol)-di-manganese(iii) dodecakis(μ_2-chloro)-bis(μ_2-cyano)-(μ_2-4,4'-bipyridinedi-ium N,N'-dioxido)-tetracyano-bis(N,N'-bis(salicylidenealdiminato)ethylenediamine)-di-manganese(iii)-hexa-niobium)

Space Group:	Pbcn	***Cell:***	***a***	21.822(4)	***b***	17.499(3)	***c*** 29.117(6)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.70 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.824



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2390

TOBBIW

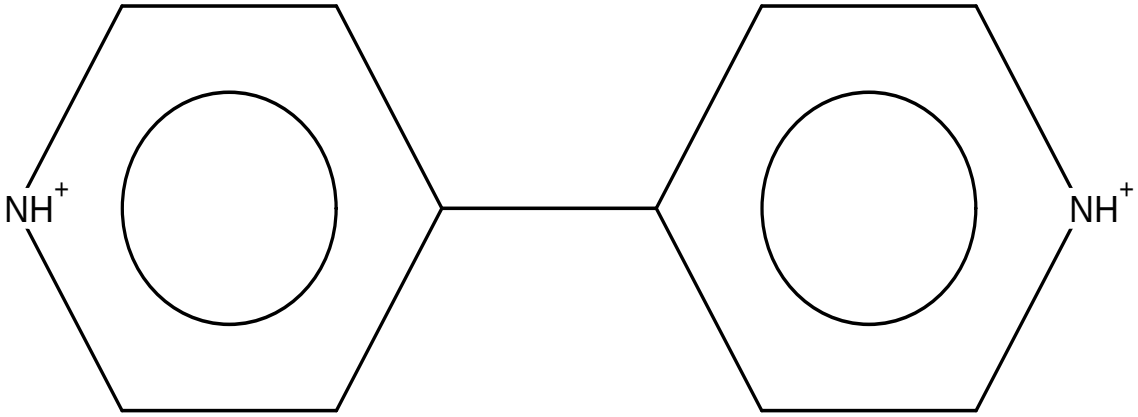
Reference: Yu.V.Kokunov, Yu.E.Gorbunova, G.A.Razgonyaeva (2007) *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)* ,**52,**198

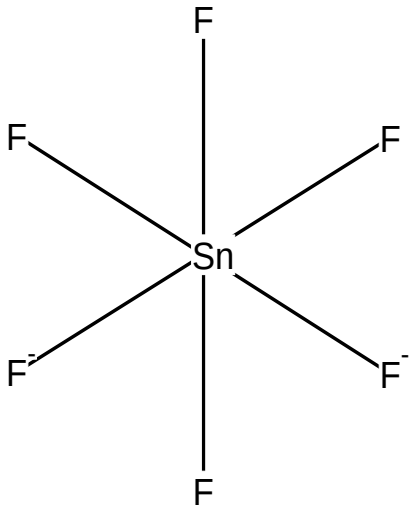
Formula: $C_{10}\ H_{10}\ N_2\ ^{2+},F_6\ Sn_1\ ^{2-}$

Compound Name: 4,4'-Bipyridinium hexafluoro-tin(iv)

Space Group:	Ibam	***Cell:***	***a***	7.207(1)	***b***	11.959(2)	***c***	13.462(3)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.64 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.238





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2391

TOHSUF

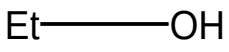
Reference: R.Podgajny, W.Nitek, M.Rams, B.Sieklucka (2008) *Cryst.Growth Des.* ,**8,**3817

Formula: $(C_{112}\ H_{112}\ Mn_9\ N_{56}\ O_{16}\ W_6)n,10n(C_2\ H_6\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-triacontakis(μ_2-cyano-C,N)-tetra-aqua-octadecacyano-dodecakis(ethanol)-nona-manganese(ii)-hexa-tungsten(v) ethanol solvate)

Space Group:	P-1	***Cell:***	***a***	17.157(0)	***b*** 17.384(0)	***c***	19.253(0)
Space Group No.:	2	***(Å,°)***	α	103.55(0)	β 115.40(0)	γ	98.31(0)

R-Factor (%): 5.88 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.562



n-$W_6Mn_9[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_4[\mu_2\text{-}CN\text{-}\kappa^1C,\kappa^1N]_{30}$--
--$[HOEt]_{12}$--
--$[H_2O]_4[CN]_{18}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2392

TOKPAK

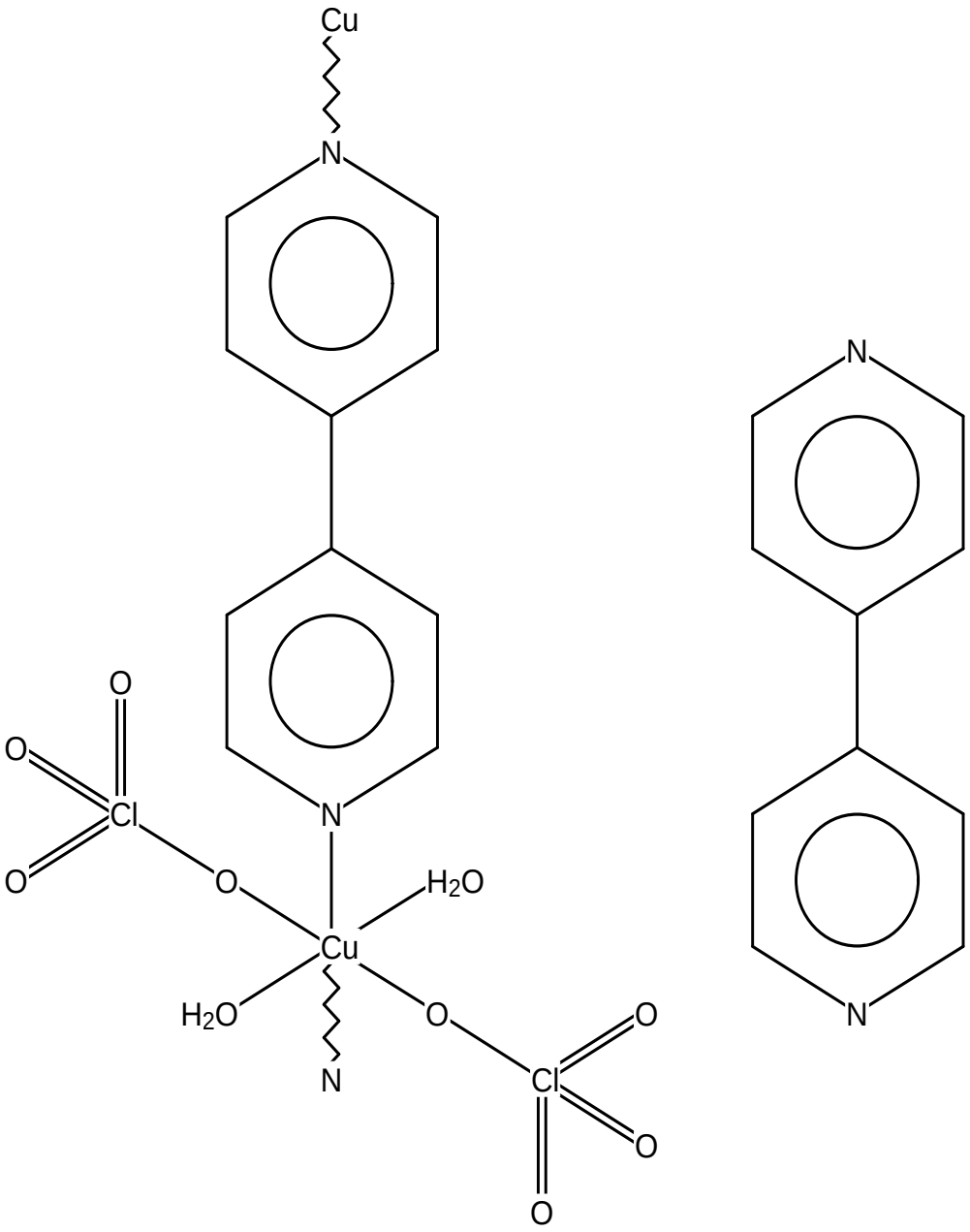
Reference: Xiao-Ming Chen, Ming-Liang Tong, Yi-Ji Luo, Zhong-Ning Chen (1996) *Aust.J.Chem. ,***49,**835

Formula: $(C_{10}\ H_{12}\ Cl_2\ Cu_1\ N_2\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-diaqua-diperchlorato-copper(ii) 4,4'-bipyridine solvate)

Space Group:	C2/c	***Cell:***	***a***	16.651(3)	***b*** 11.089(2)	***c***	14.360(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 116.45(3)	γ	90.00

R-Factor (%): 6.26 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.709



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2393

TOKPAK01

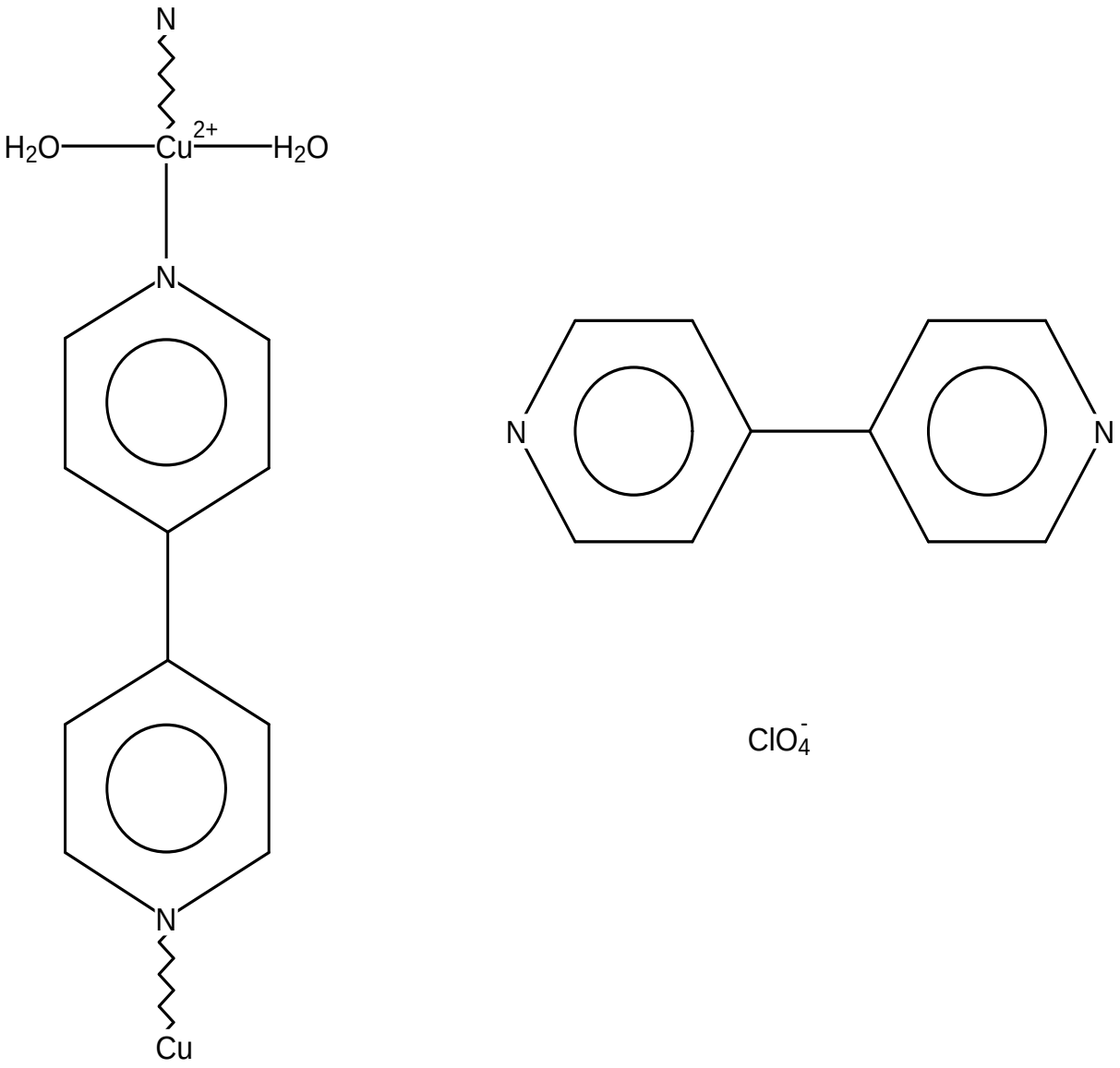
Reference: Fenghui Liu, Wangzhi Chen, Xiaozeng You (2002)
*Anal.Sci. ,***18,**1179

Formula: $(C_{10}\ H_{12}\ Cu_1\ N_2\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-diaqua-copper(ii) diperchlorate 4,4'-bipyridine solvate]

Space Group:	C2/c	***Cell:***	***a***	16.650(4)	***b*** 11.066(3)	***c***	14.340(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 116.42(2)	γ	90.00

R-Factor (%): 4.80 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.715



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2394

TOKPAK02

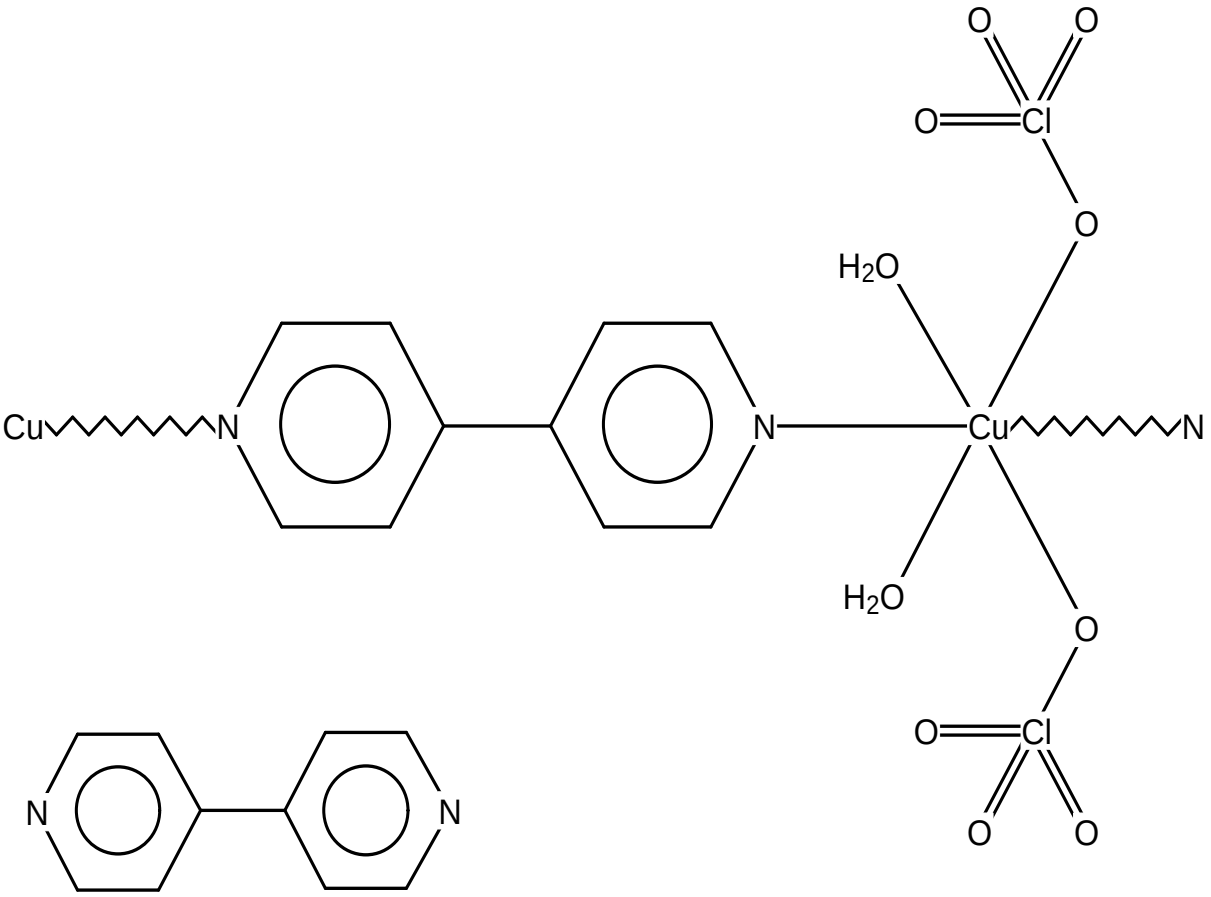
Reference: E.A.Mikhaleva, S.V.Kolotilov, K.S.Gavrilenko, P.G.Nagornyi, S.Golhen, L.Ouahab, V.V.Pavlishchuk (2008) *Teor.Eksp.Khim.(Russ.)(Theoret.Exp.Chem.) ,***44,**233

Formula: $(C_{10}\ H_{12}\ Cl_2\ Cu_1\ N_2\ O_{10})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(perchlorato-O)-copper(ii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	7.559(0)	***b***	8.773(0)	***c*** 10.166(0)
Space Group No.:	2	***(Å,°)***	α	105.97(0)	β	99.87(0)	γ 106.88(0)

R-Factor (%): 8.67 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.700



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2395

TOLJOU

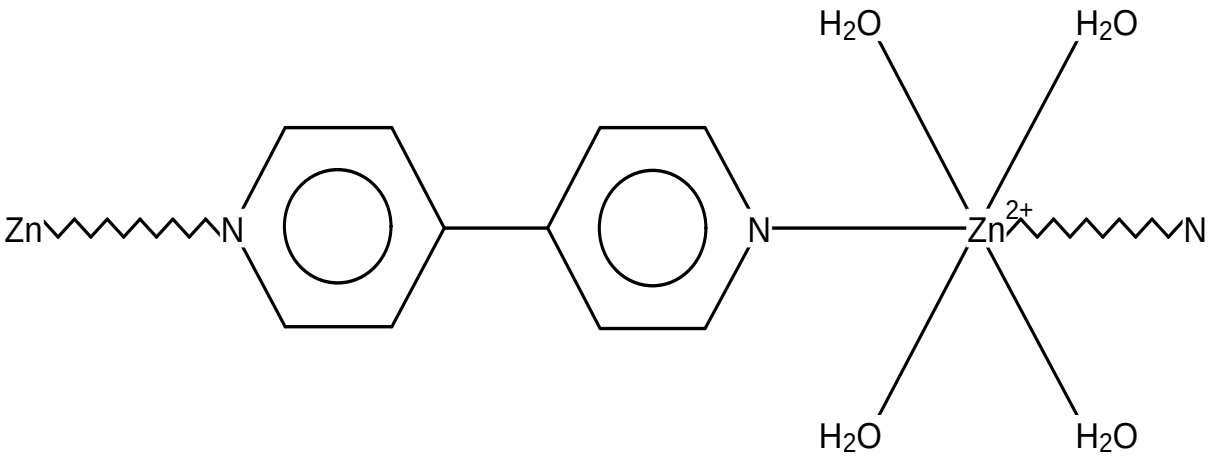
Reference: Kun-Lin Huang, Yan-Qiu Zuo, Jie Sun, Xin Chen, Hong-Ju Miao, Xi Liu, Hong Xu (2008) *Jiegou Huaxue(Chin.J.Struct.Chem.) ,***27,**1393

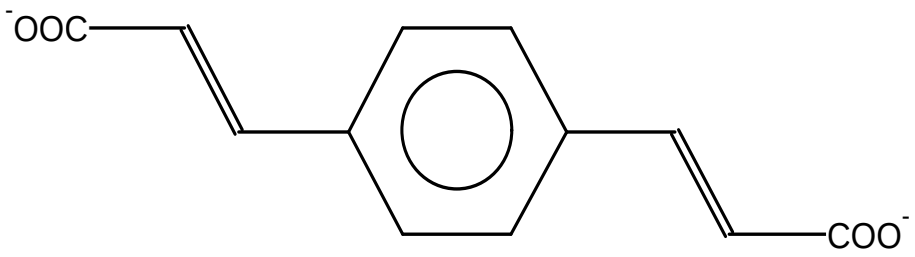
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_{12}\ H_8\ O_4\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-tetraaqua-zinc(ii) 3,3'-(1,4-phenylene)-diacrylate)

Space Group:	P-1	***Cell:***	***a***	7.129(0)	***b***	7.378(0)	***c*** 10.504(0)
Space Group No.:	2	***(Å,°)***	α	95.05(0)	β	102.16(0)	γ 97.03(0)

R-Factor (%): 4.38 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.590





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2396

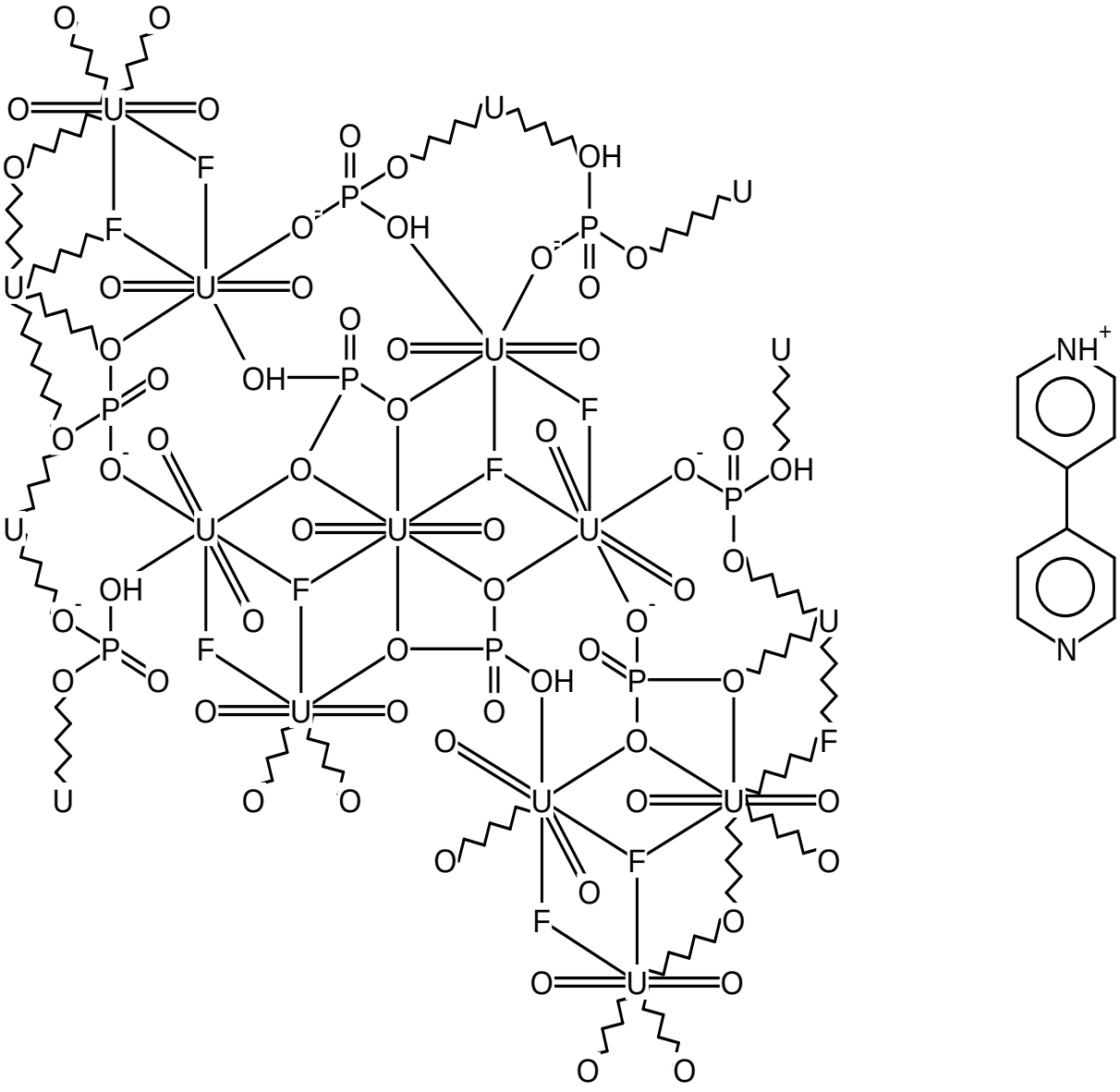
TONDAC

Reference: N.P.Deifel, K.T.Holman, C.L.Cahill (2008)
Chem.Commun. ,6037

Formula: $(C_{10}\ H_9\ N_2\ ^{1+})6n,n(H_6\ F_8\ O_{52}\ P_8\ U_{10}\ ^{6-})$

Compound Name: catena-(hexakis(4,4'-bipyridinium) bis(μ_4-monohydrogen phosphato)-bis(μ_4-phosphato)-tetrakis(μ_3-monohydrogen phosphato)-tetrakis(μ_3-fluoro)-tetrakis(μ_2-fluoro)-icosaoxo-deca-uranium)

Space Group:	P-1	***Cell:***	***a***	13.274(3)	***b***	14.179(3)	***c*** 14.437(3)
Space Group No.:	2	***(Å,°)***	α	94.73(0)	β	99.36(3)	γ 114.01(3)
R-Factor (%):	3.52	***Temperature(K):***	298	***Density(g/cm^3):***	3.136		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2397

TOPFOU

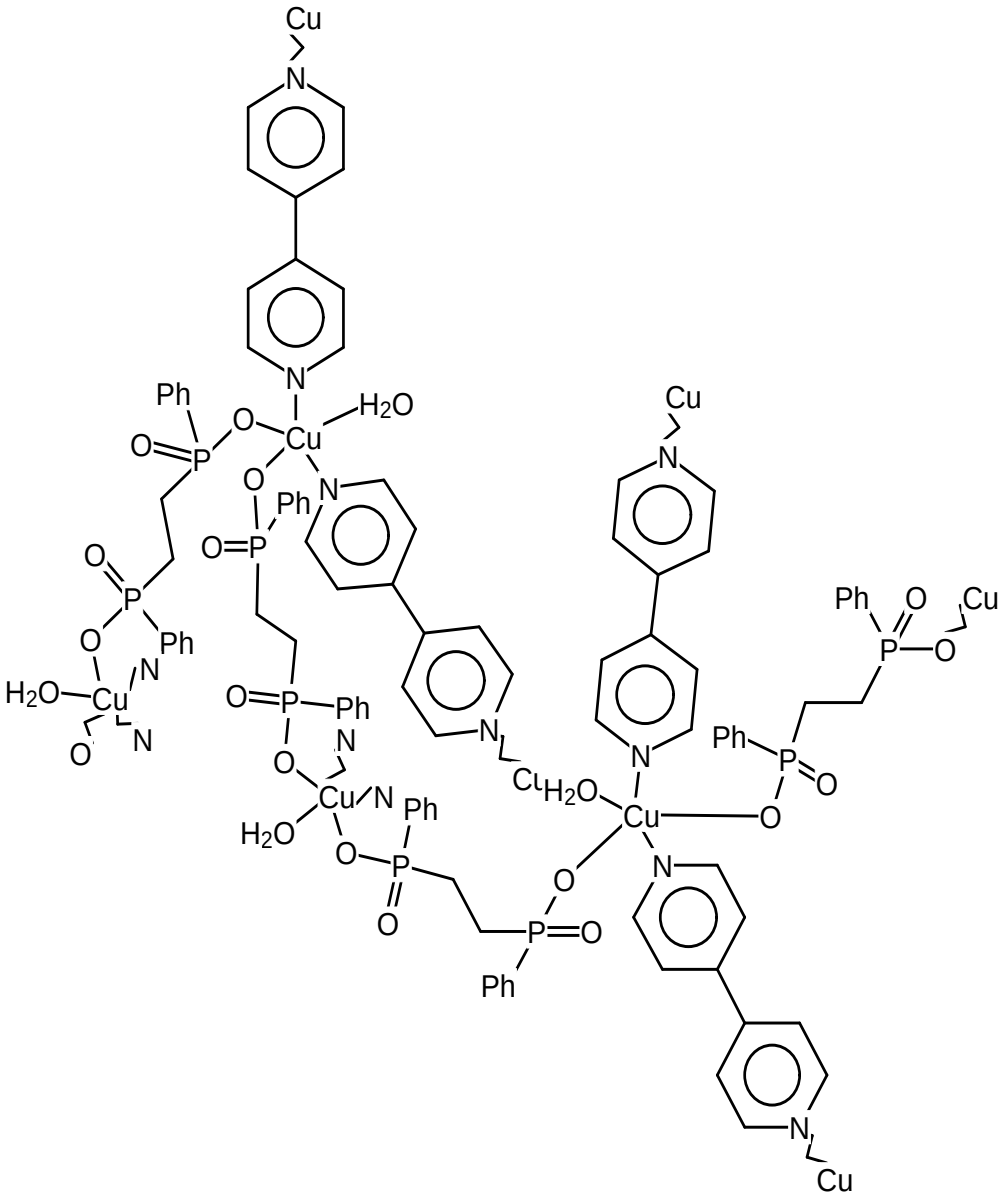
Reference: T.Bataille, F.Costantino, A.Ienco, A.Guerri, F.Marmottini, S.Midollini (2008) *Chem.Commun.* ,6381

Formula: $(C_{96}\ H_{96}\ Cu_4\ N_8\ O_{20}\ P_8)n,10n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-P,P'-diphenylethylenediphosphinato-O,O')-tetra-aqua-tetra-copper(ii) decahydrate)

Space Group:	P21	***Cell:***	***a***	20.845(1)	***b*** 13.503(5)	***c***	22.010(1)
Space Group No.:	4	***(Å,°)***	α	90.00	β 116.20(0)	γ	90.00

R-Factor (%): 8.40 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.412



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2398

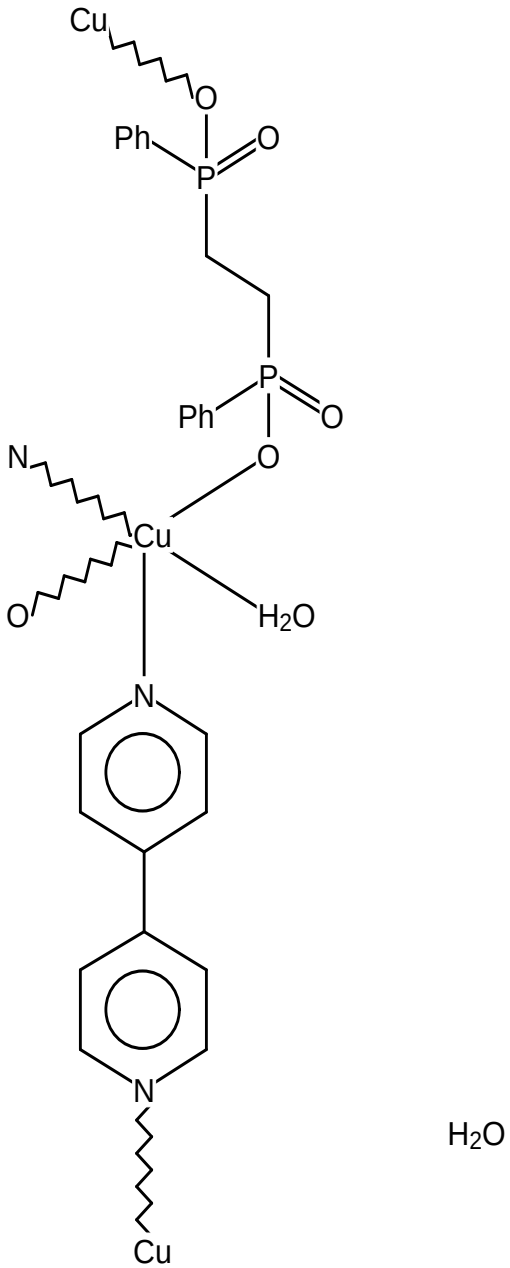
TOPFUA

Reference: T.Bataille, F.Costantino, A.Ienco, A.Guerri, F.Marmottini, S.Midollini (2008) *Chem.Commun. ,*6381

Formula: $(C_{24}\ H_{24}\ Cu_1\ N_2\ O_5\ P_2)n,3n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(μ_2-P,P'-diphenylethylenediphosphinato-O,O')-aqua-copper(ii) trihydrate)

Space Group:	P21/n	***Cell:***	***a*** 10.620(0)	***b*** 22.013(0)	***c*** 11.940(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 107.25(0)	γ 90.00
R-Factor (%):	5.34	***Temperature(K):***	293	***Density(g/cm^3):***	1.495



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2399

TORWED

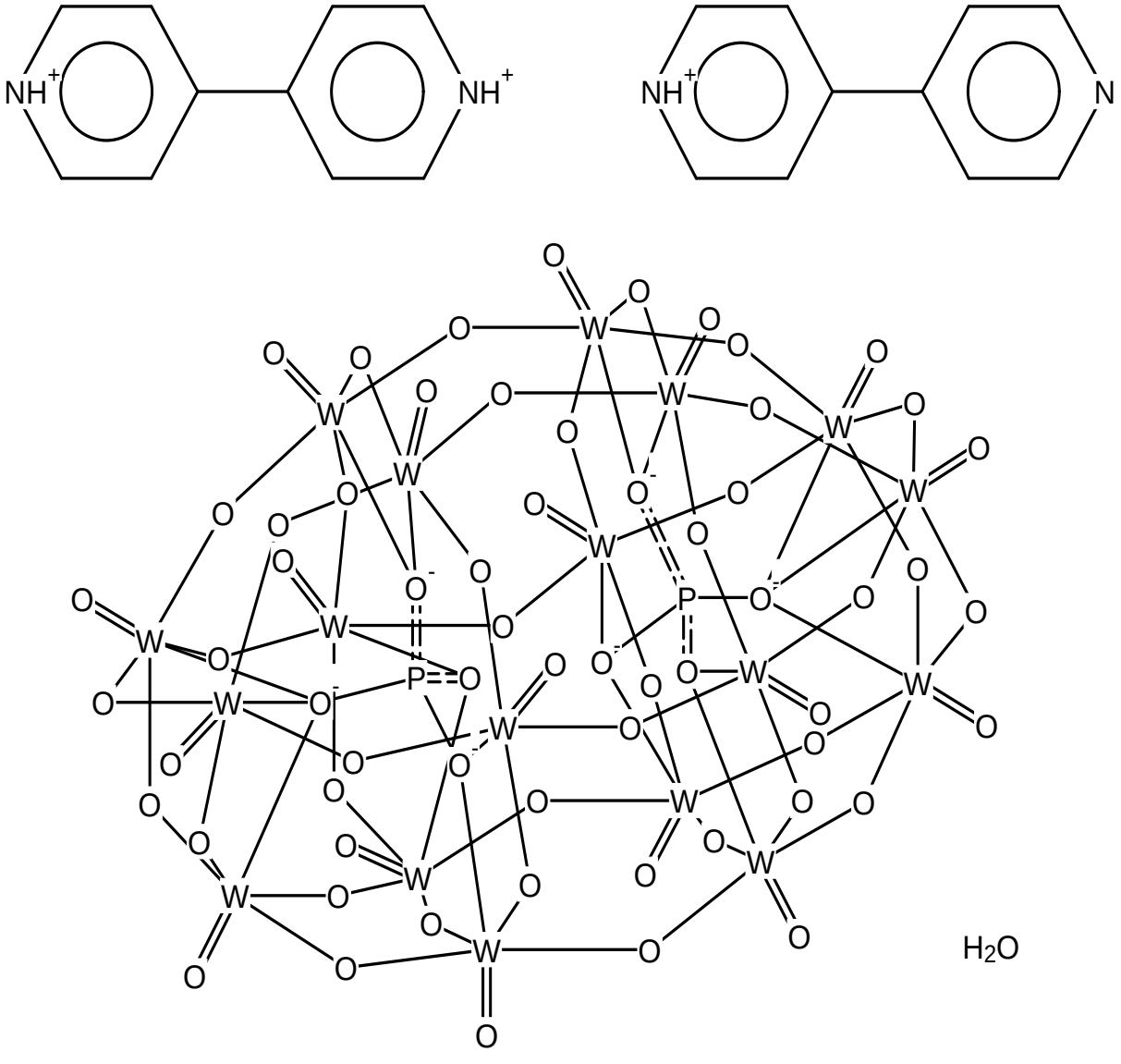
Reference: LiHong Tian, ShiZhong Liu, NingHai Hu, HengQing Jia (2008) *J.Chem.Res.* ,626

Formula: $2.5(C_{10}H_{10}N_2^{2+}),C_{10}H_9N_2^{1+},O_{62}P_2W_{18}^{6-},6.25(H_2O_1)$

Compound Name: bis(4,4'-Bipyridine-1,1'-diium) 4,4'-bipyridin-1-ium bis(μ_9-phosphato)-hexatriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten hydrate

Space Group:	P-1	***Cell:***	***a***	13.267(1)	***b***	14.164(1)	***c***	26.950(2)
Space Group No.:	2	***(Å,°)***	α	78.27(0)	β	83.89(0)	γ	68.32(0)

R-Factor (%): 4.42 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.627



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2400

TUBZIA

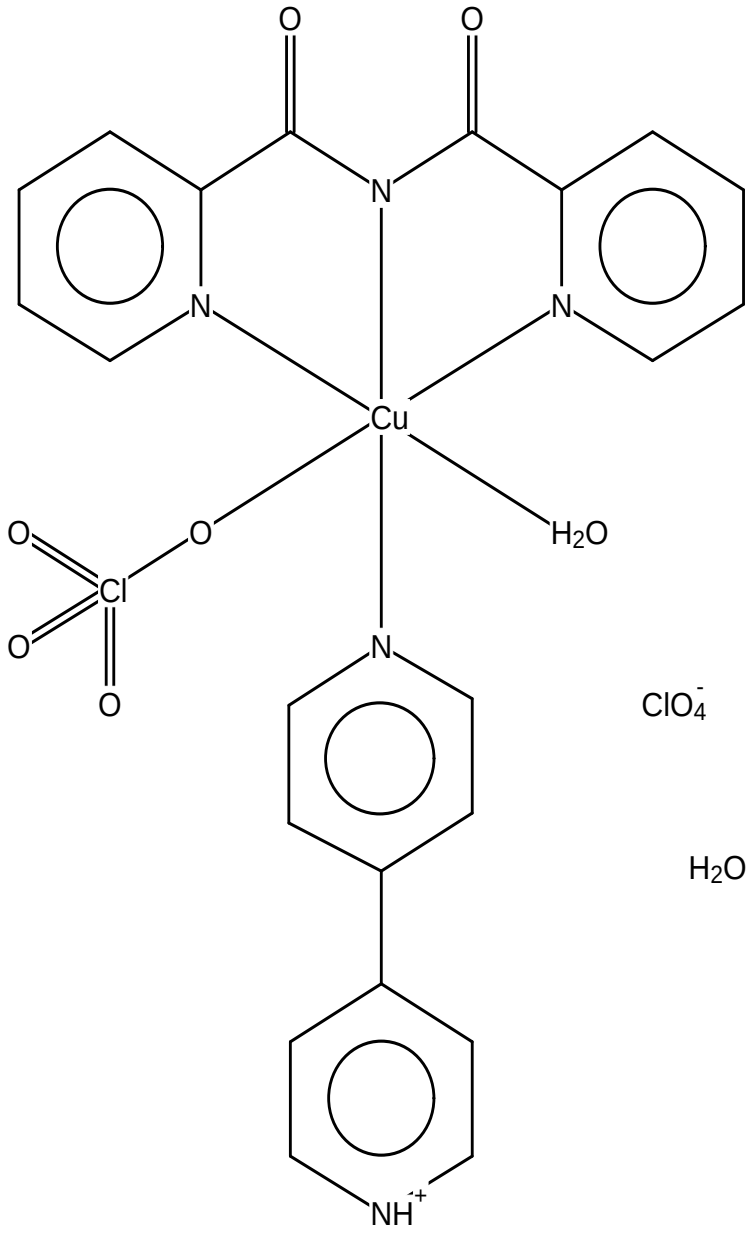
Reference: Xiu-Jun Deng, Wen Gu, Xiu-Ping Sun, Li Wang, Ling-Fei Zeng, Mei-Ling Liu, Yue-Qiang Gao, Xin Liu (2009) *Transition Met.Chem. ,***34,**663

Formula: $C_{22}\,H_{19}\,Cl_1\,Cu_1\,N_5\,O_7^{1+},Cl_1\,O_4^{1-},H_2\,O_1$

Compound Name: Aqua-(4,4'-bipyridinium)-(perchlorato)-(N-((pyridin-2-yl)carbonyl)pyridine-2-carboxamidato)-copper(ii) perchlorate monohydrate

Space Group:	P-1	***Cell:***	***a***	9.596(3)	***b***	10.252(3)	***c***	15.222(4)
Space Group No.:	2	***(Å,°)***	α	88.36(0)	β	86.67(0)	γ	64.93(0)

R-Factor (%): 6.28 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.672



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2401

TUCLOT

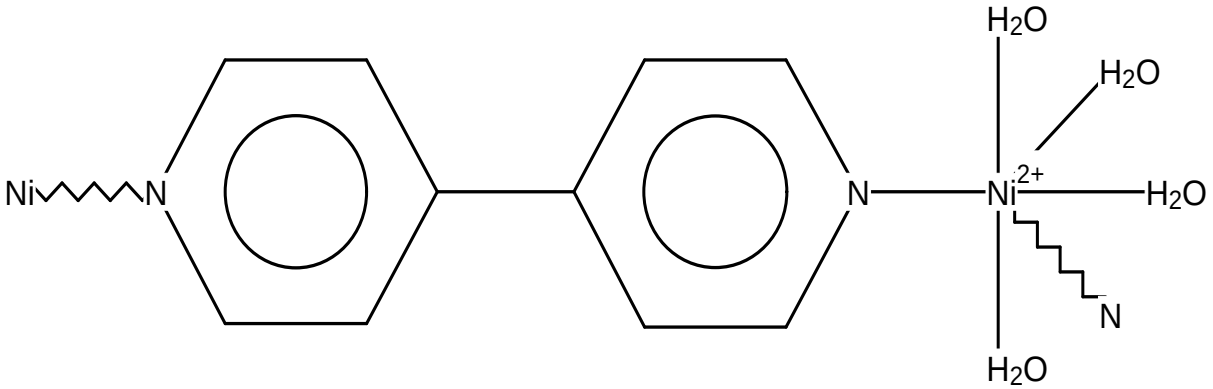
Reference: P.Kanoo, K.L.Gurunatha, T.K.Maji (2009)
Cryst.Growth Des. ,**9,**4147

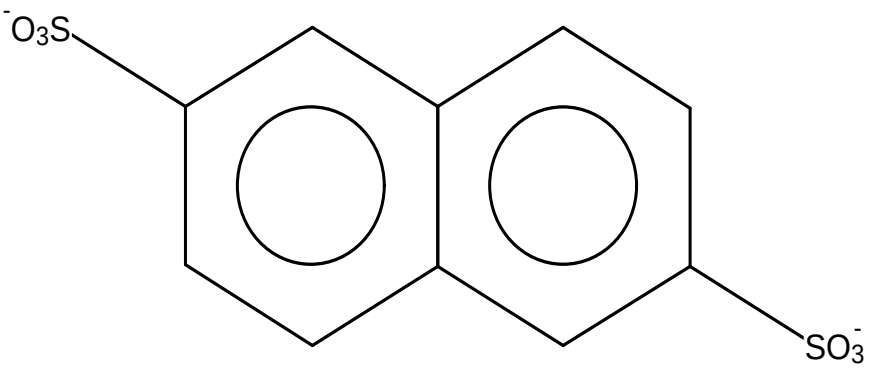
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_6\ S_2\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-nickel(ii) naphthalene-2,6-disulfonate tetrahydrate)

Space Group:	P21/n	***Cell:***	***a***	7.827(0)	***b***	11.306(0)	***c*** 15.671(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.11(0)	γ 90.00

R-Factor (%): 3.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.561





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2402

TUCLUZ

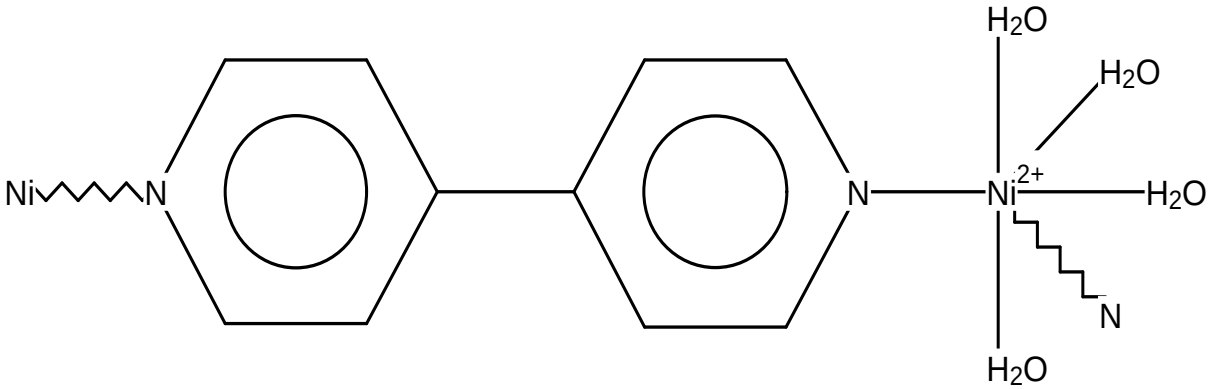
Reference: P.Kanoo, K.L.Gurunatha, T.K.Maji (2009)
Cryst.Growth Des. ,**9,**4147

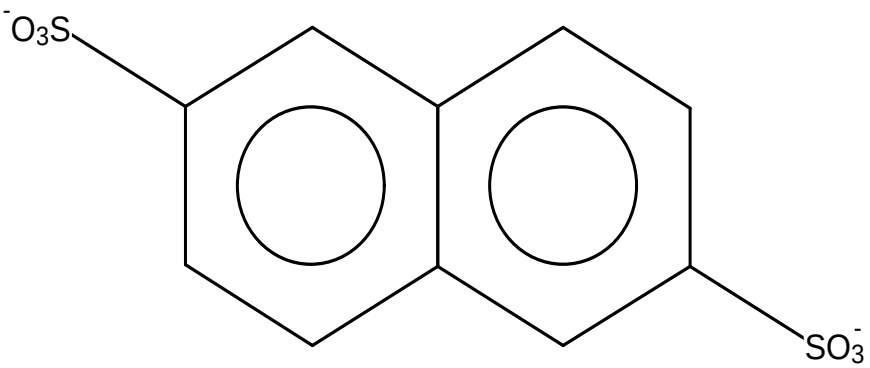
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_6\ S_2\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-nickel(ii) naphthalene-2,6-disulfonate dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.643(0)	***b***	11.309(0)	***c*** 14.324(0)
Space Group No.:	2	***(Å,°)***	α	83.03(0)	β	78.57(0)	γ 84.68(0)

R-Factor (%): 5.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.684





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2403

TUCMAG

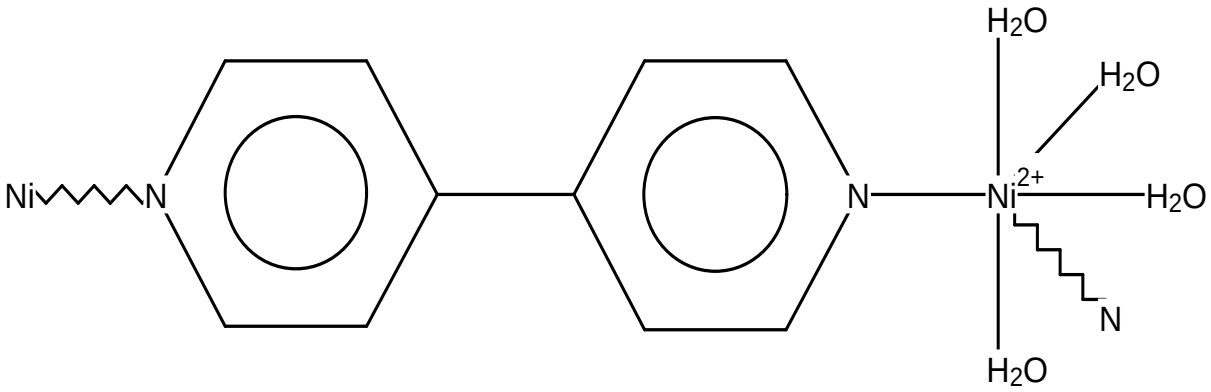
Reference: P.Kanoo, K.L.Gurunatha, T.K.Maji (2009)
Cryst.Growth Des. ,**9,**4147

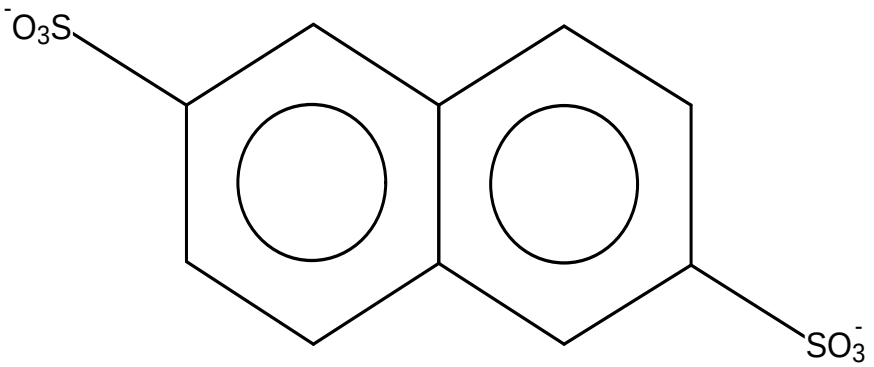
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_6\ S_2\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-nickel(ii) naphthalene-2,6-disulfonate)

Space Group:	P-1	***Cell:***	***a***	8.489(0)	***b***	8.653(0)	***c*** 9.101(0)
Space Group No.:	2	***(Å,°)***	α	101.35(0)	β	90.27(0)	γ 117.08(0)

R-Factor (%): 2.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.641





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2404

TUCMAG01

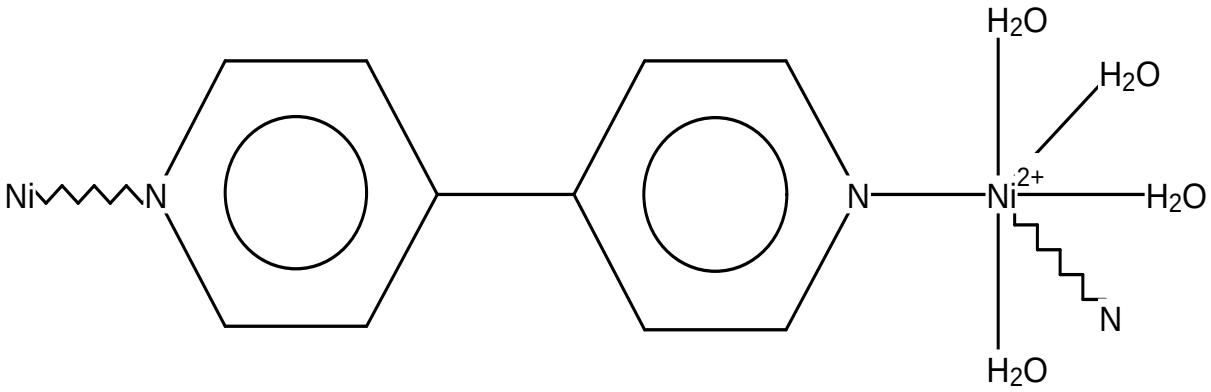
Reference: P.Kanoo, K.L.Gurunatha, T.K.Maji (2009)
Cryst.Growth Des. ,**9,**4147

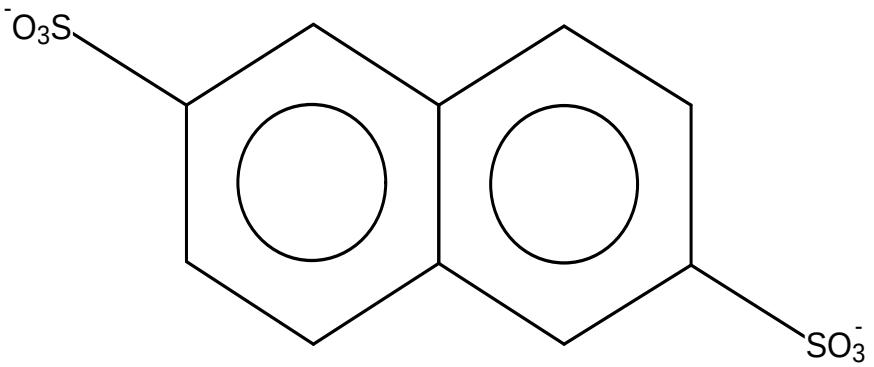
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_6\ S_2\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-nickel(ii) naphthalene-2,6-disulfonate)

Space Group:	C2/c	***Cell:***	***a***	13.652(0)	***b*** 11.236(0)	***c***	15.991(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.61(0)	γ	90.00

R-Factor (%): 3.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.638





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2405

TUCMIO

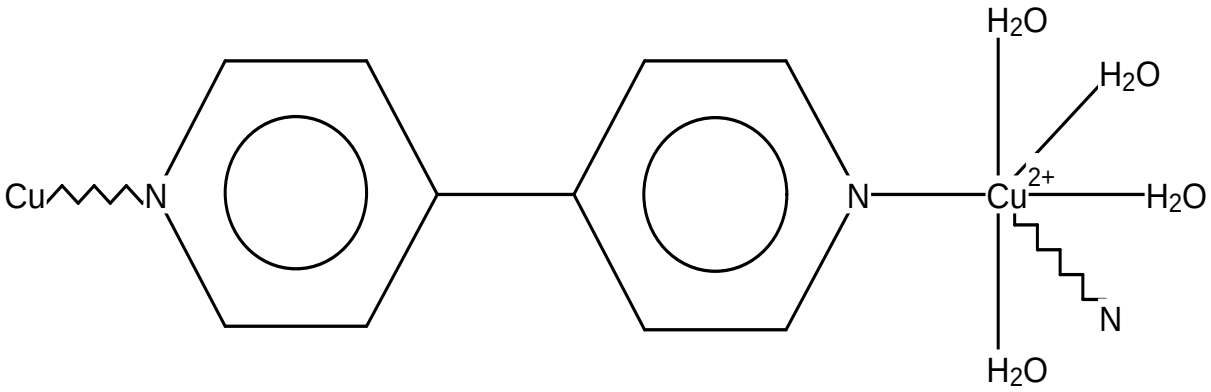
Reference: P.Kanoo, K.L.Gurunatha, T.K.Maji (2009)
Cryst.Growth Des. ,**9,**4147

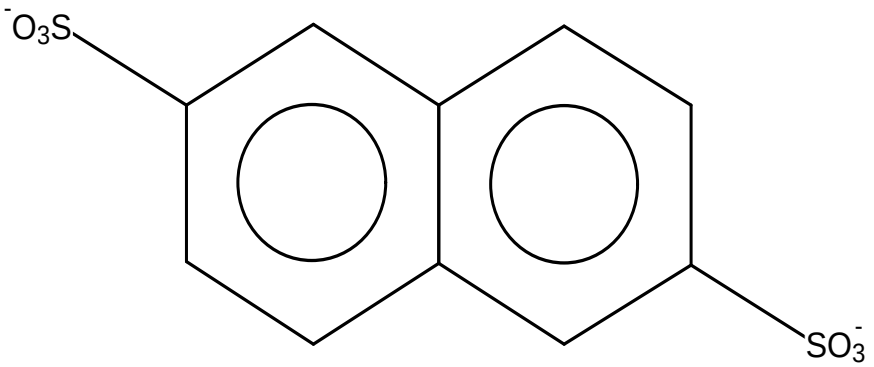
Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{2+})n,n(C_{10}\ H_6\ O_6\ S_2\ ^{2-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetraaqua-copper(ii) naphthalene-2,6-disulfonate)

Space Group:	C2/c	***Cell:***	***a***	13.523(0)	***b*** 11.069(0)	***c***	16.066(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.10(0)	γ	90.00

R-Factor (%): 4.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.680





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2406

TUGHEJ

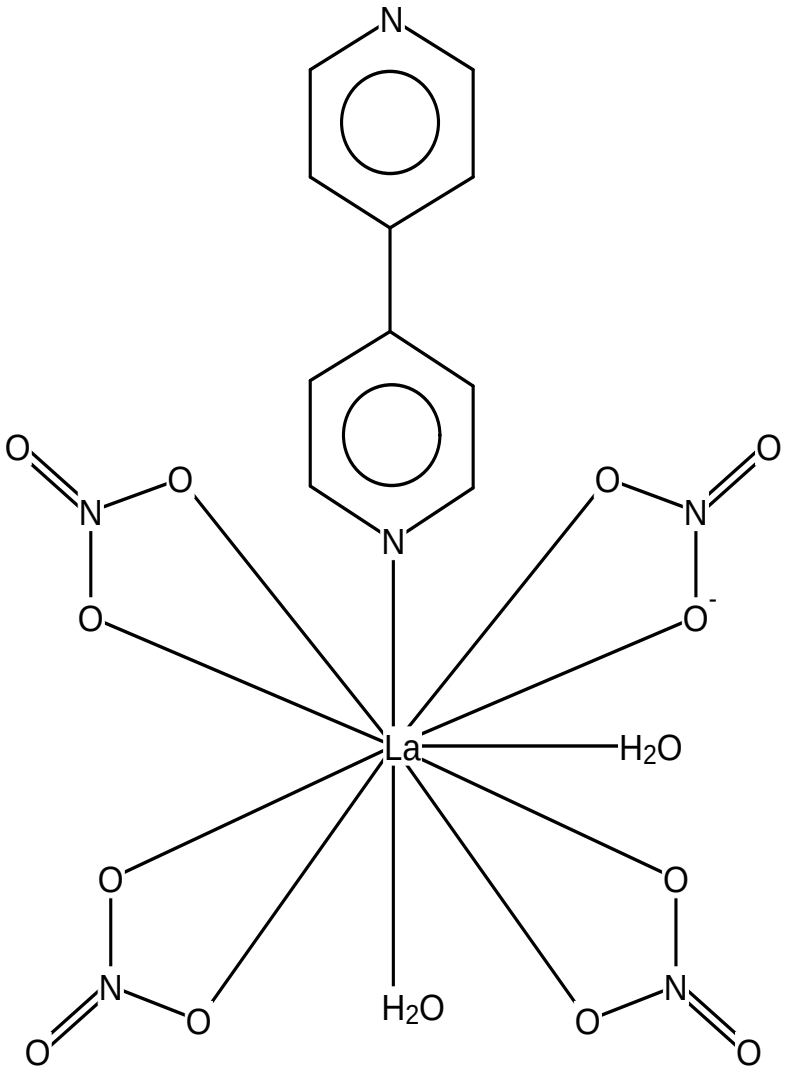
Reference: S.Khanjani, A.Morsali (2009) *J.Coord.Chem.* ,**62,**3343

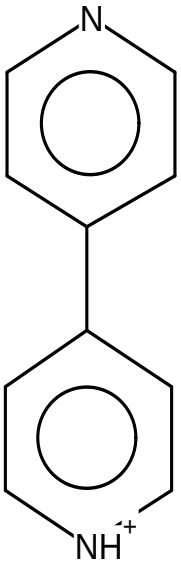
Formula: $C_{10}\,H_9\,N_2\,^{1+}$,$C_{10}\,H_{12}\,La_1\,N_6\,O_{14}\,^{1-}$

Compound Name: 4,4'-Bipyridinium diaqua-tris(nitrato-O,O')-(4,4'-bipyridine-N)-lanthanum

Space Group:	P212121	***Cell:***	***a***	7.236(0)	***b***	18.401(1)	***c*** 19.906(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.88 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.845





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2407

TUGHIN

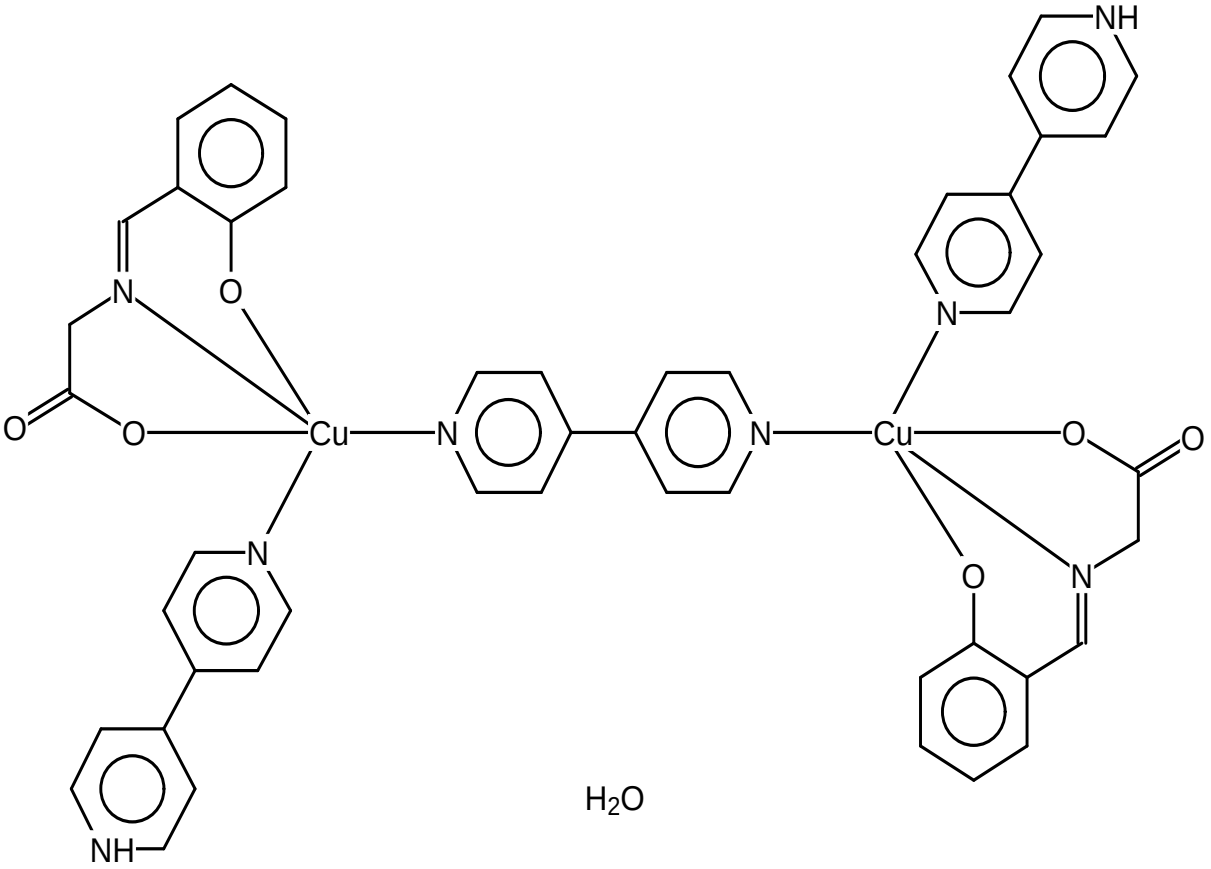
Reference: Feng Ying Bai, Xiao Tian Li, Hai Yan Zhao, Jing Han, Yongheng Xing (2009) *J.Coord.Chem. ,***62,**3391

Formula: $C_{48}\ H_{40}\ Cu_2\ N_8\ O_6,2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis((N-(2-(hydroxy)benzylidene)glycinato)-(4-(pyridin-4-yl)pyridine))-di-copper(ii) dihydrate

Space Group:	C2/c	***Cell:***	***a***	36.519(7)	***b***	13.251(3)	***c*** 9.540(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	103.49(3)	γ 90.00

R-Factor (%): 4.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.462



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2408

TUHFAE

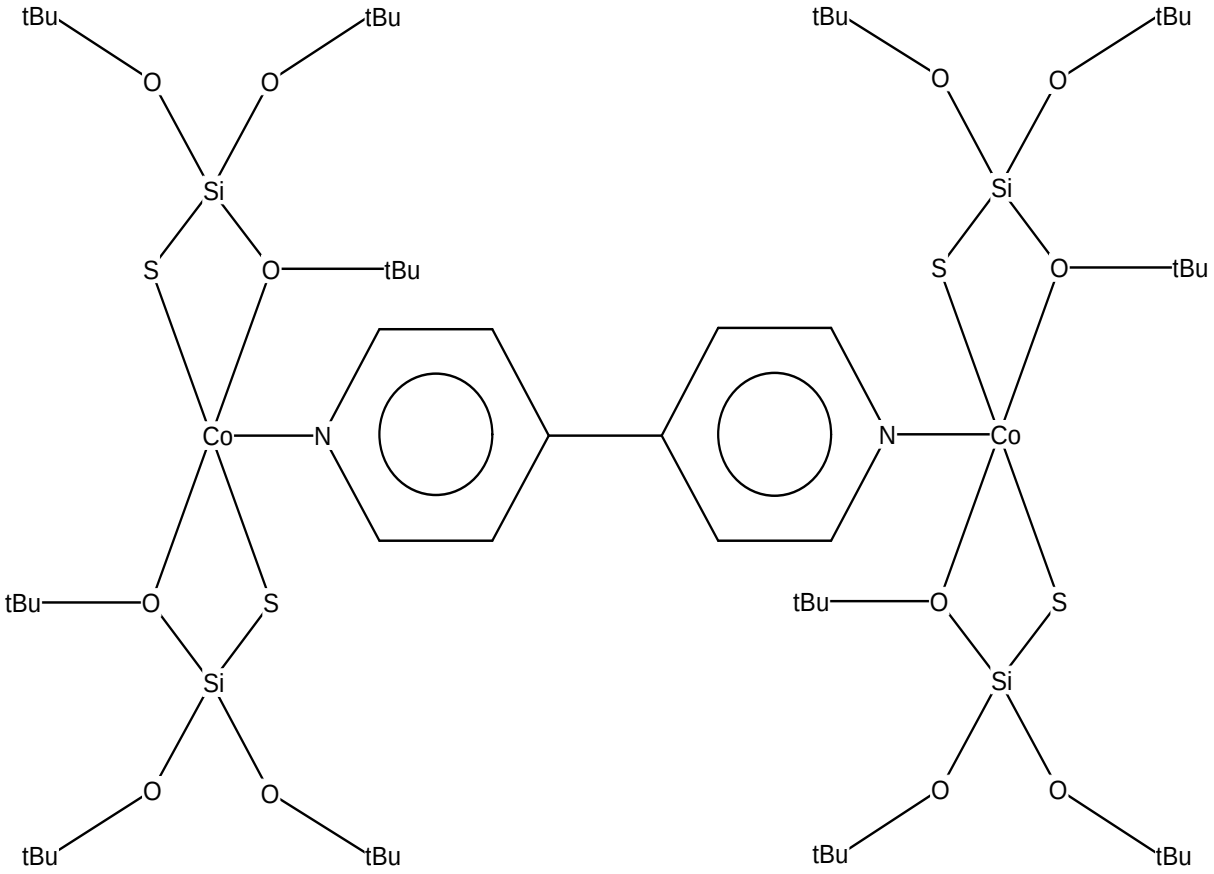
Reference: A.Pladzyk, K.Baranowska (2009) *Z.Anorg.Allg.Chem.* ,**635,** 1638

Formula: $C_{58}\ H_{116}\ Co_2\ N_2\ O_{12}\ S_4\ Si_4$

Compound Name: (μ_2-4,4'-Bipyridyl)-tetrakis(tri-t-butoxysilanothiolato)-di-cobalt(ii)

Space Group:	P21/c	***Cell:***	***a***	9.405(2)	***b*** 15.947(3)	***c***	27.978(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.04(1)	γ	90.00

R-Factor (%): 9.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.131



Search: search1 (Thu May 26 10:05:42 2011): Hit 2409

TUHFAE01

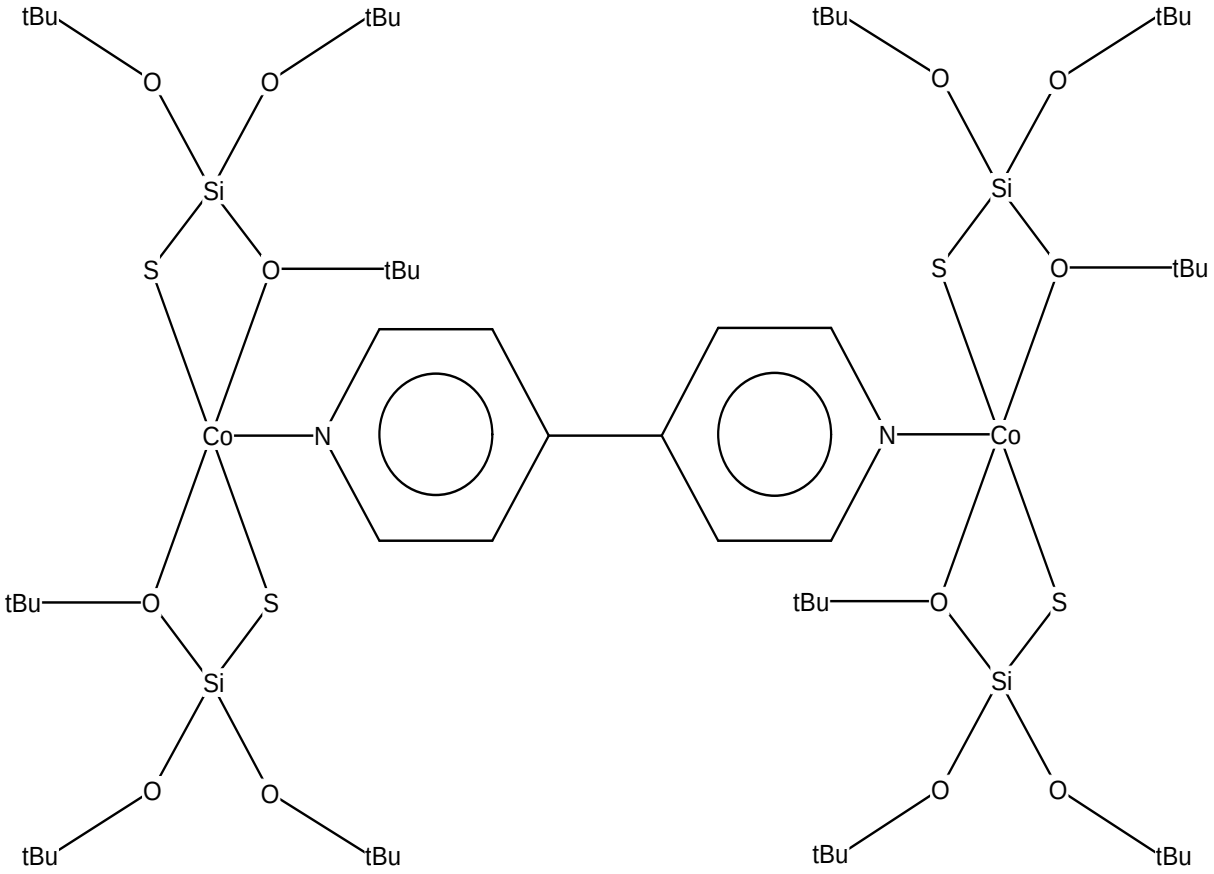
Reference: A.Pladzyk, K.Baranowska (2009) *Z.Anorg.Allg.Chem.* ,**635,** 1638

Formula: $C_{58}\ H_{116}\ Co_2\ N_2\ O_{12}\ S_4\ Si_4$

Compound Name: (μ_2-4,4'-Bipyridyl)-tetrakis(tri-t-butoxysilanothiolato)-di-cobalt(ii)

Space Group:	C2/c	***Cell:***	***a***	27.165(0)	***b*** 23.899(1)	***c***	13.971(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 116.22(0)	γ	90.00

R-Factor (%): 9.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.136



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2410

TUHGAF

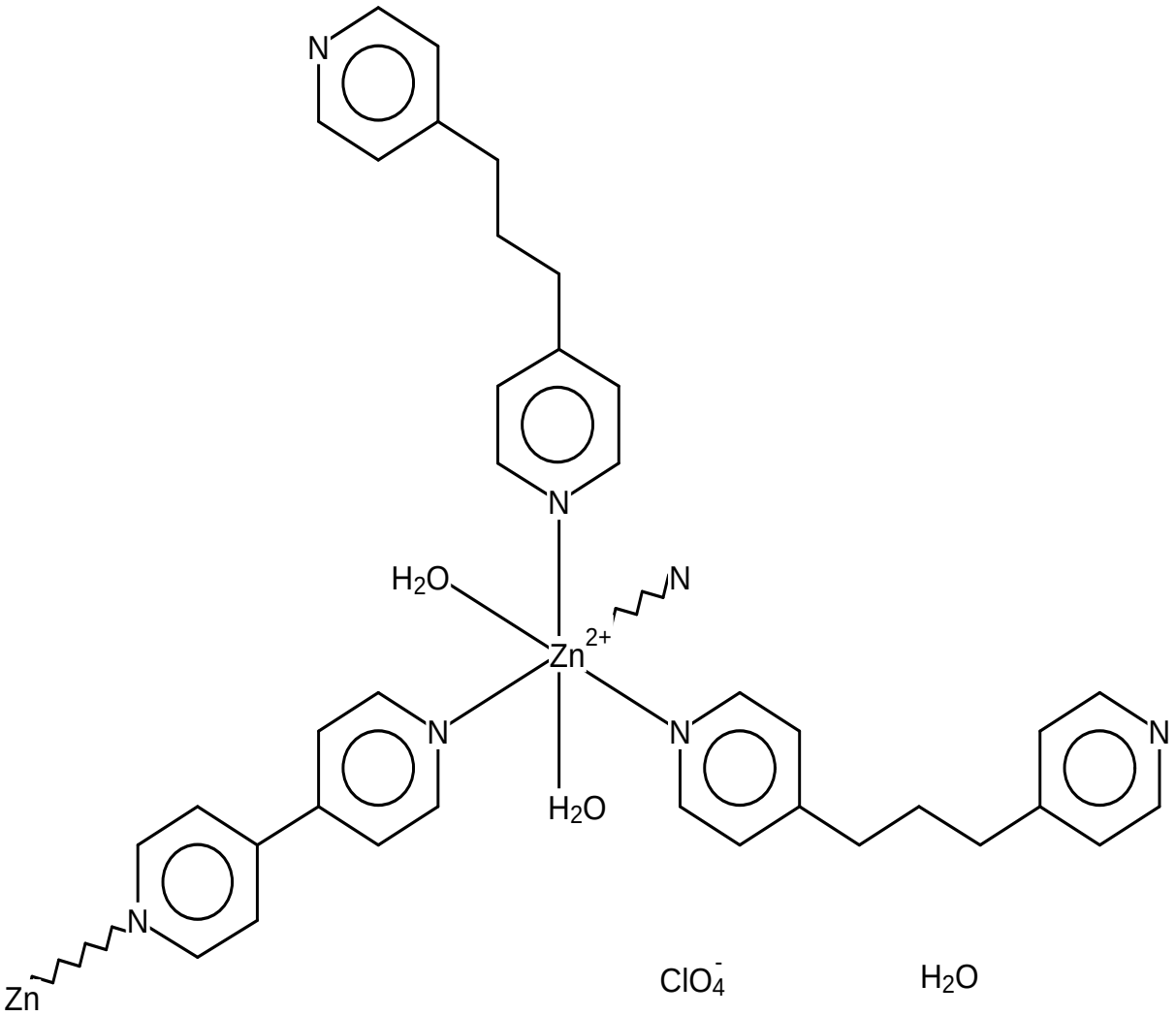
Reference: M.G.Amiri, A.Morsali, M.Zeller (2009) *Z.Anorg.Allg.Chem.* , **635,**1673

Formula: $(C_{36}\ H_{40}\ N_6\ O_2\ Zn_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(4,4'-propane-1,3-diyldipyridine)-diaqua-zinc(ii) diperchlorate monohydrate)

Space Group:	P21/n	***Cell:***	***a***	11.488(0)	***b*** 16.134(1)	***c***	21.905(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.21(0)	γ	90.00

R-Factor (%): 3.58 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.448



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2411

TUHVOI

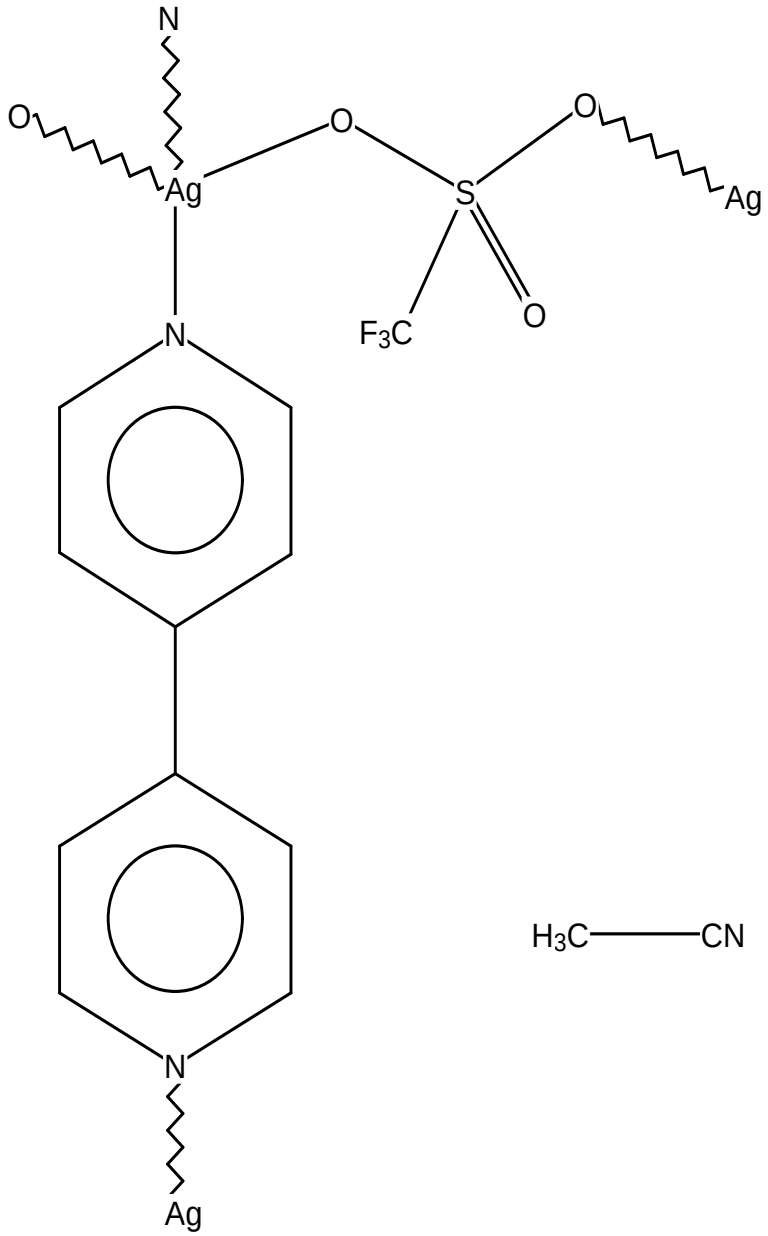
Reference: Xianjin Cui, A.N.Khlobystov, Xinyong Chen, D.H.Marsh, A.J.Blake, W.Lewis, N.R.Champness, C.J.Roberts, M.Schroder (2009) *Chem.-Eur.J.* ,**15,**8861

Formula: $(C_{11}\ H_8\ Ag_1\ F_3\ N_2\ O_3\ S_1)n,n(C_2\ H_3\ N_1)$

Compound Name: catena-[(μ_2-4,4'-bipyridine)-(μ_2-trifluoromethanesulfonato)-silver(i) acetonitrile solvate]

Space Group:	Pnma	***Cell:***	***a***	21.033(2)	***b***	6.614(0)	***c*** 11.370(1)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 9.35 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.907



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2412

TUHVUO

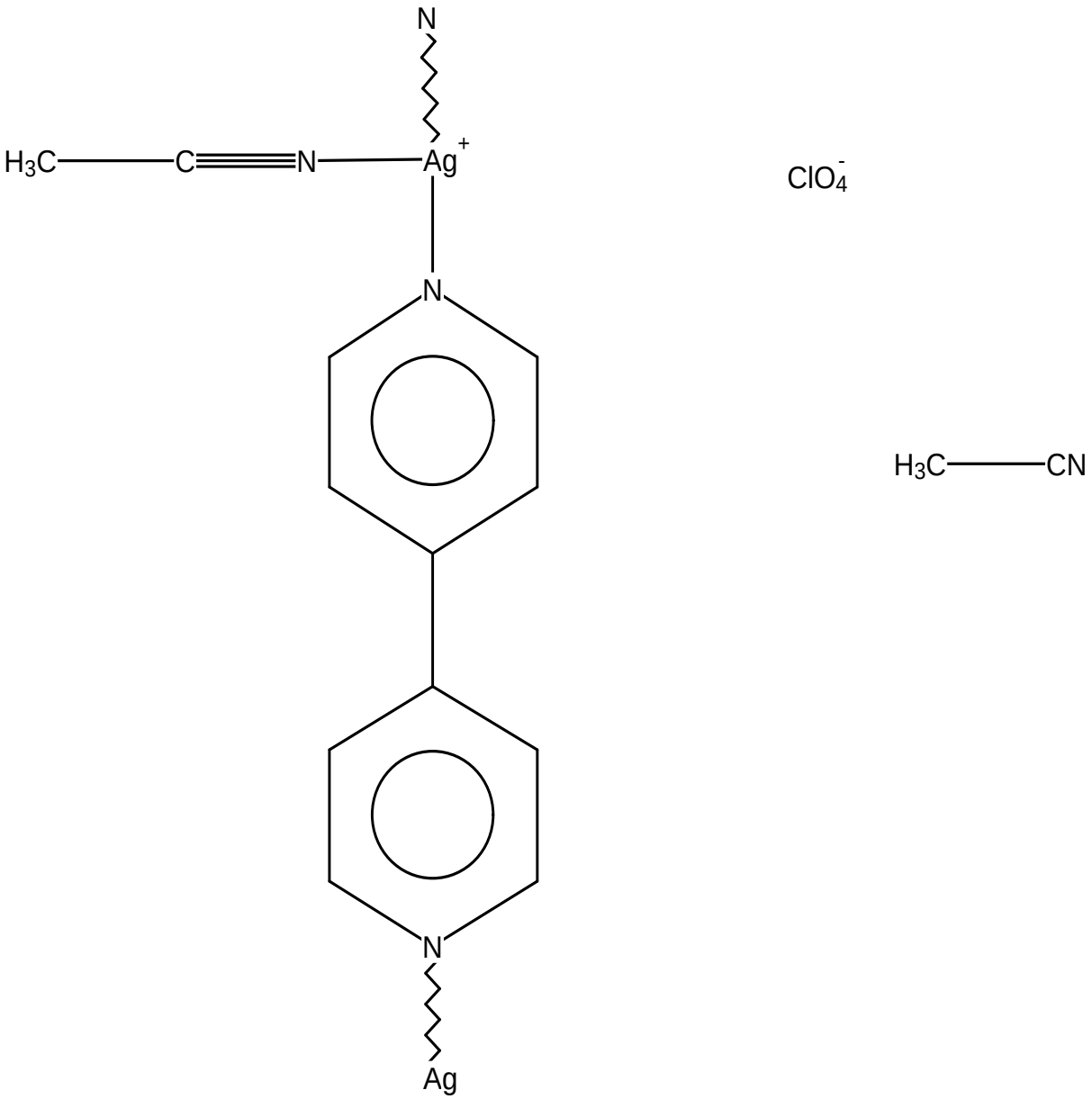
Reference: Xianjin Cui, A.N.Khlobystov, Xinyong Chen, D.H.Marsh, A.J.Blake, W.Lewis, N.R.Champness, C.J.Roberts, M.Schroder (2009) *Chem.-Eur.J. ,***15,**8861

Formula: $(C_{12}\ H_{11}\ Ag_1\ N_3\ ^{1+})n,0.5n(C_2\ H_3\ N_1),n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-[(μ_2-4,4'-bipyridine)-(acetonitrile)-silver(i) perchlorate acetonitrile solvate]

Space Group:	P-1	***Cell:***	***a***	7.194(1)	***b*** 10.517(2)	***c***	10.544(2)
Space Group No.:	2	***(Å,°)***	α	97.25(0)	β 102.38(0)	γ	97.02(0)

R-Factor (%): 6.04 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.848



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2413

TUJMUH

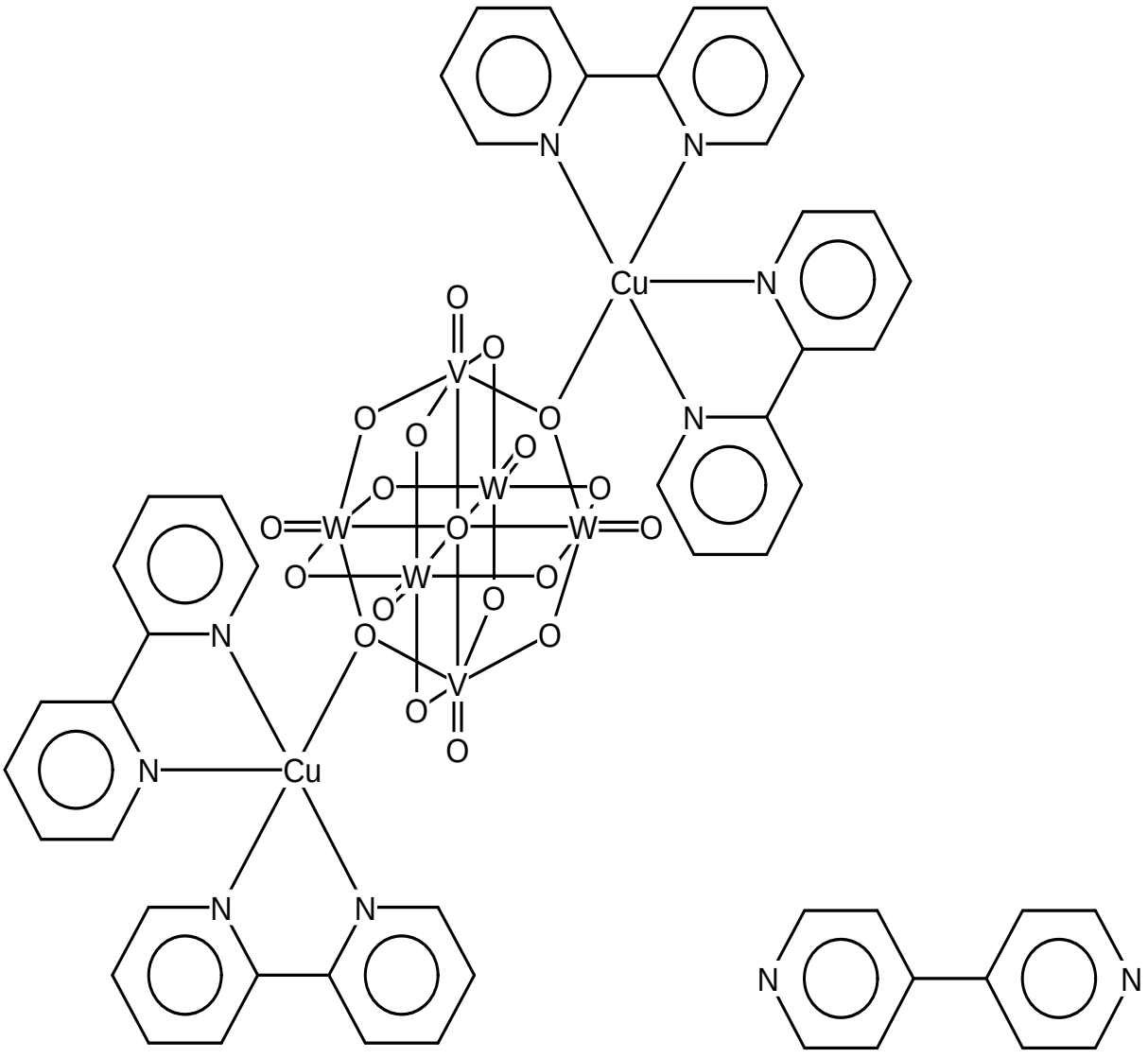
Reference: Pengtao Ma, Chunfa Yu, Junwei Zhao, Yuquan Feng, Jingping Wang, Jingyang Niu (2009) *J.Coord.Chem. ,***62,**3117

Formula: $C_{40}\ H_{32}\ Cu_2\ N_8\ O_{19}\ V_2\ W_4, C_{10}\ H_8\ N_2$

Compound Name: (μ_6-Oxo)-bis(μ_3-oxo)-decakis(μ_2-oxo)-tetrakis(2,2'-bipyridine-N,N')-hexaoxo-di-copper(ii)-tetra-tungsten(vi)-di-vanadium(v) 4,4'-bipyridine

Space Group:	P-1	***Cell:***	***a***	10.700(1)	***b***	11.078(1)	***c***	12.679(1)
Space Group No.:	2	***(Å,°)***	α	72.61(0)	β	77.35(0)	γ	71.34(0)

R-Factor (%): 4.01 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2414

TUKTAV

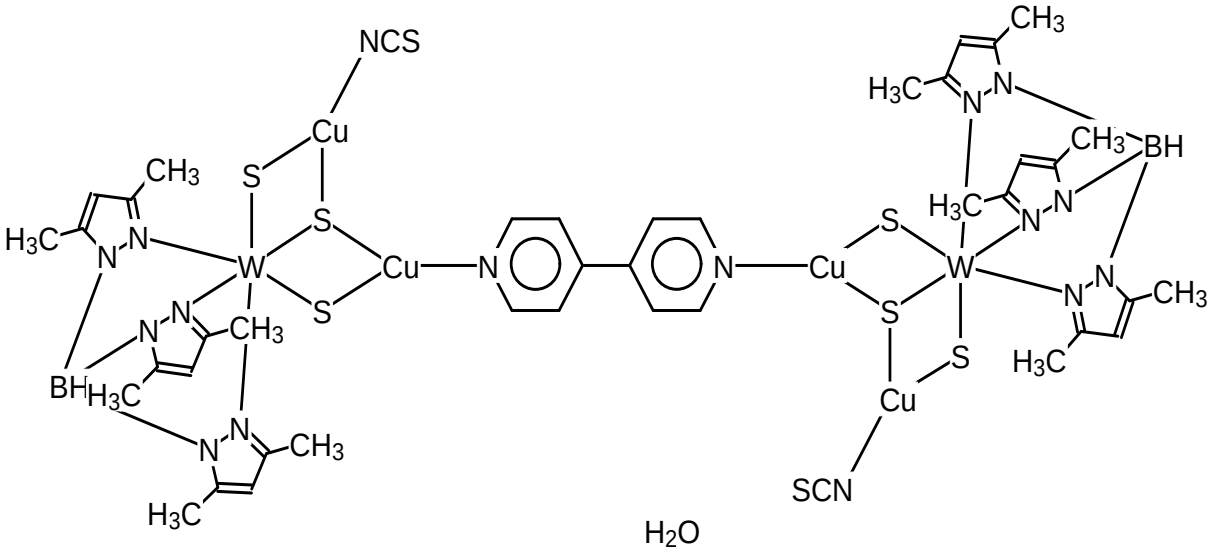
Reference: Zhen-Hong Wei, Ling-Ling Li, Zhi-Gang Ren, Hong-Xi Li, Jian-Ping Lang, Yong Zhang, Zhen-Rong Sun (2009) *Eur.J.Inorg.Chem.* ,4240

Formula: $C_{42}\ H_{52}\ B_2\ Cu_4\ N_{16}\ S_8\ W_2,3.5(H_2\ O_1)$

Compound Name: bis(μ_3-sulfido)-(μ_2-4,4'-bipyridine)-tetrakis(μ_2-sulfido)-bis(hydrogen tris(3,5-dimethyl-1H-pyrazolyl)boron)-bis(isothiocyanato)-tetra-copper(i)-di-tungsten

Space Group:	P-1	***Cell:***	***a***	10.427(2)	***b***	11.489(2)	***c*** 15.812(3)
Space Group No.:	2	***(Å,°)***	α	72.43(3)	β	83.51(3)	γ 77.19(3)

R-Factor (%): 5.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.647



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2415

TULKUH

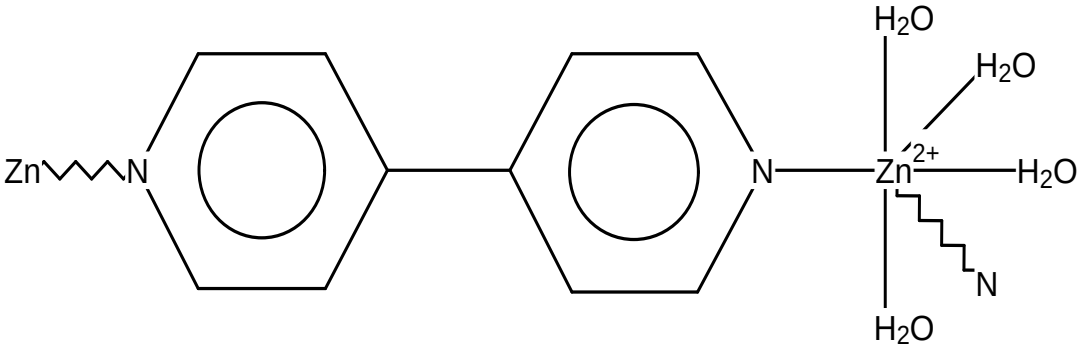
Reference: Jin-Hao Song, Xia Li (2009)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**25,**1695

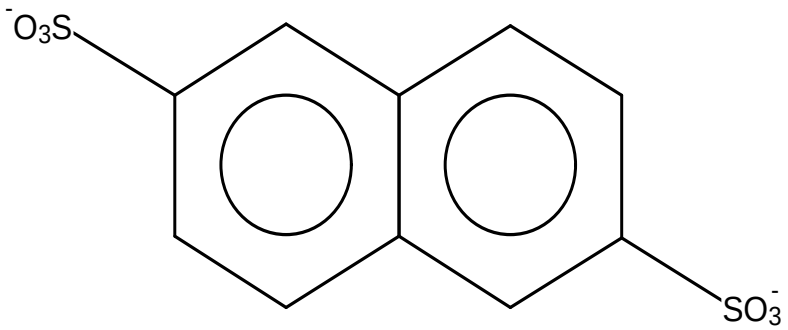
Formula: $(C_{10}H_{16}N_2O_4Zn_1^{2+})n,n(C_{10}H_6O_6S_2^{2-}),n(C_{10}H_8N_2),2n(H_2O_1)$

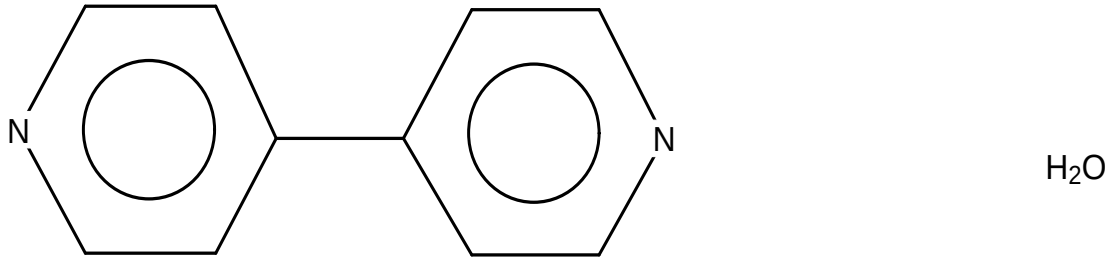
Compound Name: catena-(μ_2-4,4'-bipyridine)-tetraaqua-zinc 2,6-naphthalenedisulfonate 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.778(0)	***b***	11.529(0)	***c*** 19.085(0)
Space Group No.:	2	***(Å,°)***	α	88.79(0)	β	78.97(0)	γ 89.59(0)

R-Factor (%): 3.05 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.527







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2416

TUSKUN

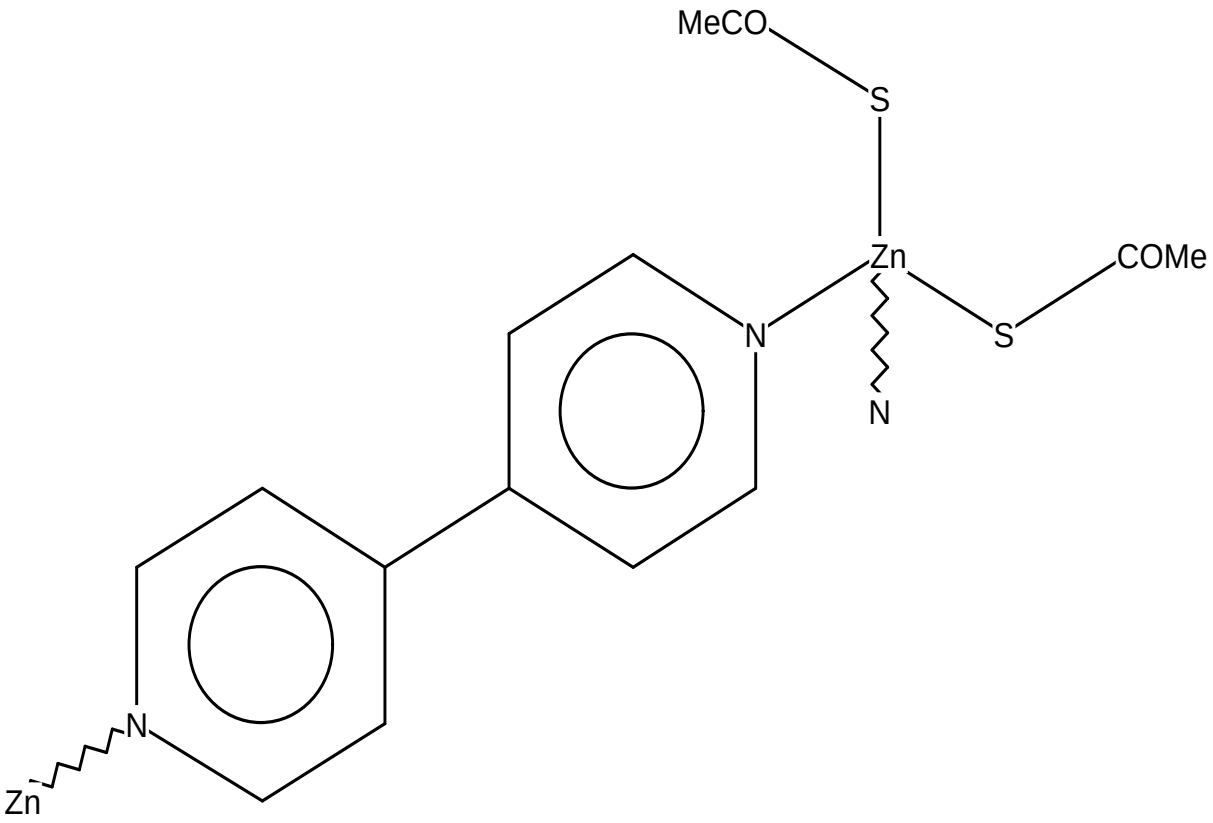
Reference: J.J.Vittal, J.T.Sampanthar, Zheng Lu (2003)
Inorg.Chim.Acta ,**343,**224

Formula: $(C_{14}\ H_{14}\ N_2\ O_2\ S_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(thioacetato-S)-zinc(ii))

Space Group:	Pnna	***Cell:***	***a***	14.298(0)	***b***	15.106(0)	***c*** 8.001(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.429



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2417

TUSLAU

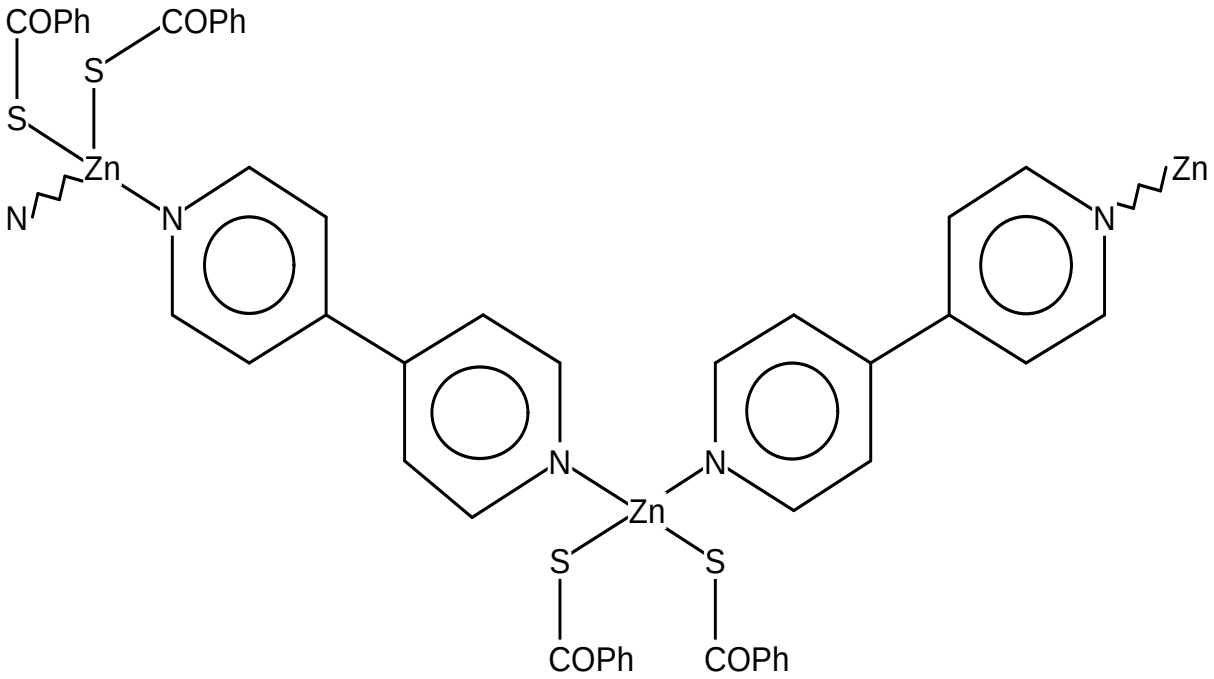
Reference: J.J.Vittal, J.T.Sampanthar, Zheng Lu (2003)
Inorg.Chim.Acta ,**343,**224

Formula: $(C_{48}\ H_{36}\ N_4\ O_4\ S_4\ Zn_2)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-tetrakis(thiobenzoato-S)-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	11.531(0)	***b***	15.830(0)	***c***	12.290(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.14(0)	γ	90.00

R-Factor (%): 4.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.483



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2418

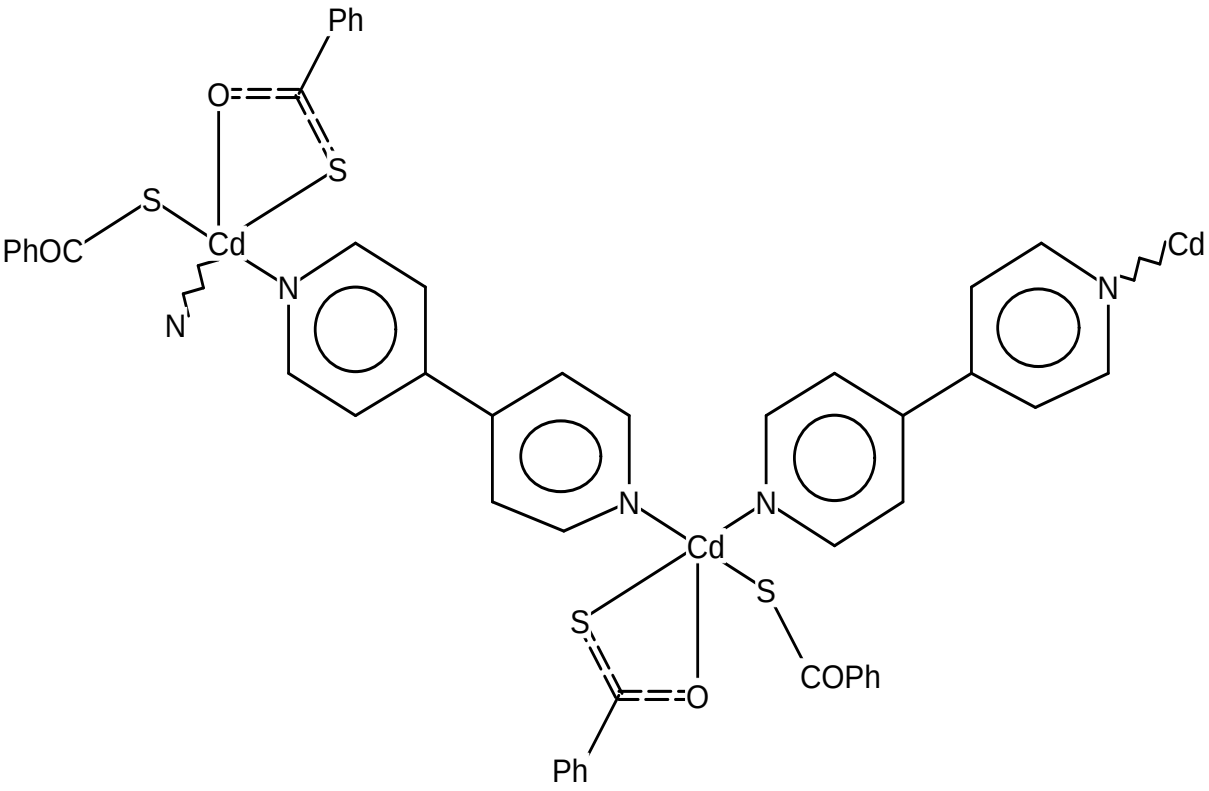
TUSLEY

Reference: J.J.Vittal, J.T.Sampanthar, Zheng Lu (2003)
Inorg.Chim.Acta ,**343,**224

Formula: $(C_{48}\ H_{36}\ Cd_2\ N_4\ O_4\ S_4)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(thiobenzoato-O,S)-(thiobenzoato-S)-cadmium(ii)))

Space Group:	P21/c	***Cell:***	***a***	11.708(0)	***b***	16.282(1)	***c*** 12.191(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.73(0)	γ 90.00
R-Factor (%):	3.45	***Temperature(K):***	293		***Density(g/cm^3):***	1.570	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2419

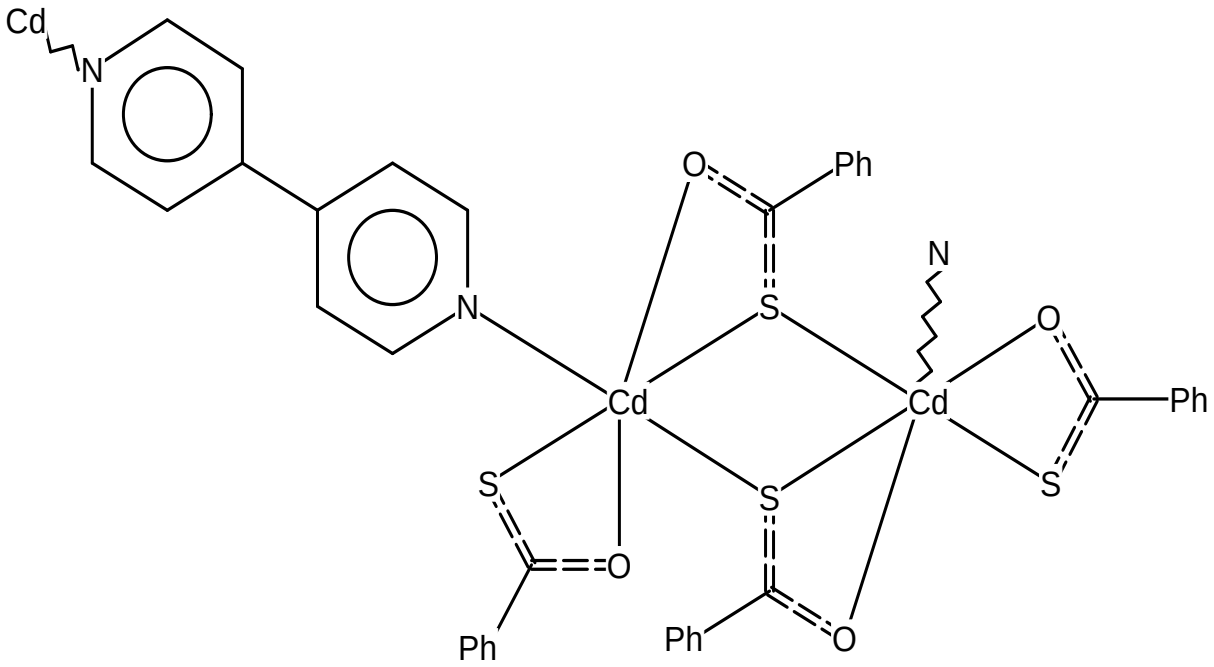
TUSLIC

Reference: J.J.Vittal, J.T.Sampanthar, Zheng Lu (2003)
Inorg.Chim.Acta ,**343,**224

Formula: $(C_{38}\ H_{28}\ Cd_2\ N_2\ O_4\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis((μ_2-thiobenzoato-O,S,S)-(thiobenzoato-O,S)-cadmium(ii)))

Space Group:	P-1	***Cell:***	***a***	8.951(0)	***b***	9.897(0)	***c*** 11.591(0)
Space Group No.:	2	***(Å,°)***	α	108.51(0)	β	103.97(0)	γ 99.44(0)
R-Factor (%):	2.51	***Temperature(K):***	293		***Density(g/cm^3):***		1.692



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2420

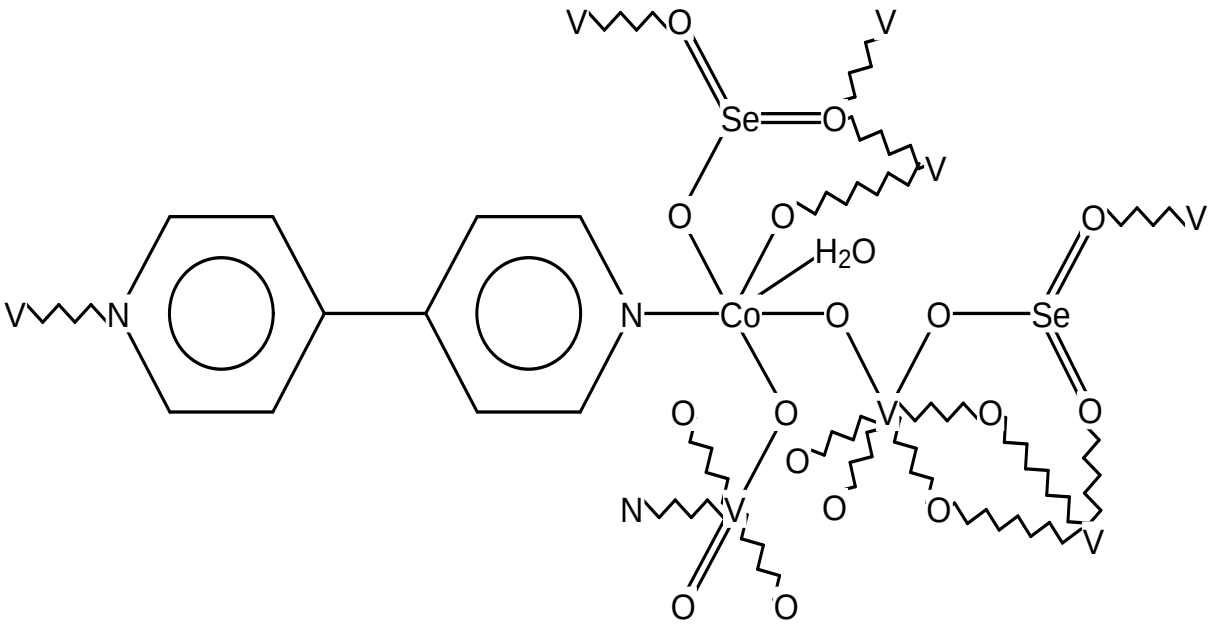
TUSWUZ

Reference: Zhimin Dai, Xiaobo Chen, Zhan Shi, Dong Zhang, Guanghua Li, Shouhua Feng (2003) *Inorg.Chem.* ,**42,**908

Formula: $(C_{10}\ H_{10}\ Co_1\ N_2\ O_{11}\ Se_2\ V_2)n$

Compound Name: catena-((μ_4-Selenito)-(μ_3-selenito)-(μ_2-4,4'-bipyridine)-tris(μ_2-oxo)-aqua-oxo-cobalt-di-vanadium)

Space Group:	P-1	***Cell:***	***a***	7.967(0)	***b***	8.197(0)	***c***	13.810(0)
Space Group No.:	2	***(Å,°)***	α	85.70(0)	β	73.52(0)	γ	75.64(0)
R-Factor (%):	2.58	***Temperature(K):***	293		***Density(g/cm^3):***		2.588	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2421

TUSXAG

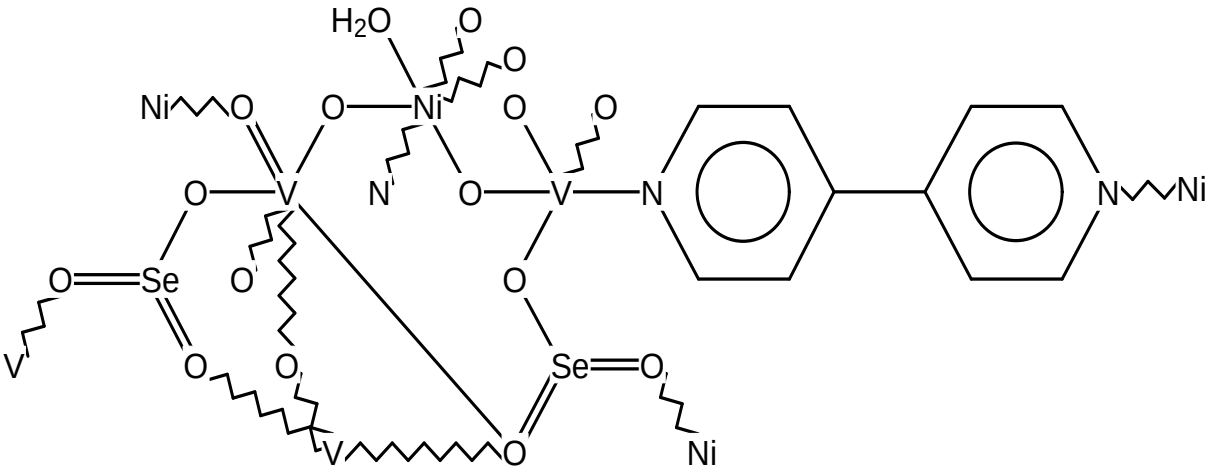
Reference: Zhimin Dai, Xiaobo Chen, Zhan Shi, Dong Zhang, Guanghua Li, Shouhua Feng (2003) *Inorg.Chem.* ,**42,**908

Formula: $(C_{10}\ H_{10}\ N_2\ Ni_1\ O_{11}\ Se_2\ V_2)n$

Compound Name: catena-((μ_4-Selenito)-(μ_3-selenito)-(μ_2-4,4'-bipyridine)-tris(μ_2-oxo)-aqua-oxo-nickel-di-vanadium)

Space Group:	P-1	***Cell:***	***a***	7.949(1)	***b***	8.128(2)	***c***	13.709(4)
Space Group No.:	2	***(Å,°)***	α	85.84(0)	β	73.74(0)	γ	75.59(0)

R-Factor (%): 2.89 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2422

TUTLEZ

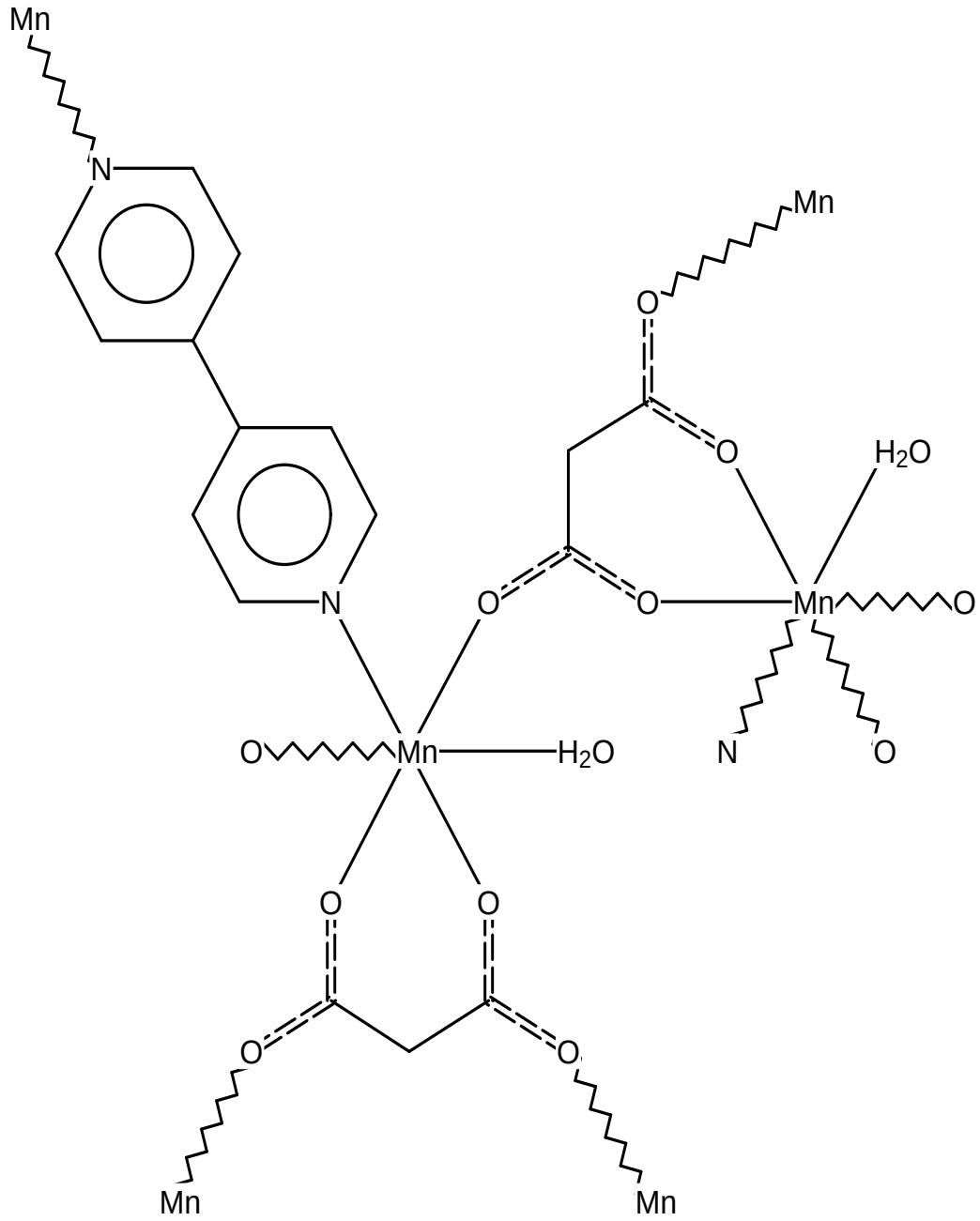
Reference: T.K.Maji, S.Sain, G.Mostafa, Tian-Huey Lu, J.Ribas, M.Monfort, N.R.Chaudhuri (2003) *Inorg.Chem. ,***42,**709

Formula: $(C_{16}\ H_{16}\ Mn_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_3-Malonato)-(μ_2-4,4'-bipyridine)-diaqua-di-manganese(ii))

Space Group:	P21/n	***Cell:***	***a***	7.297(1)	***b***	18.772(1)	***c*** 7.514(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.74(1)	γ 90.00

R-Factor (%): 4.28 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 1.634



Search: search1 (Thu May 26 10:05:42 2011): Hit 2423

TUTLEZ01

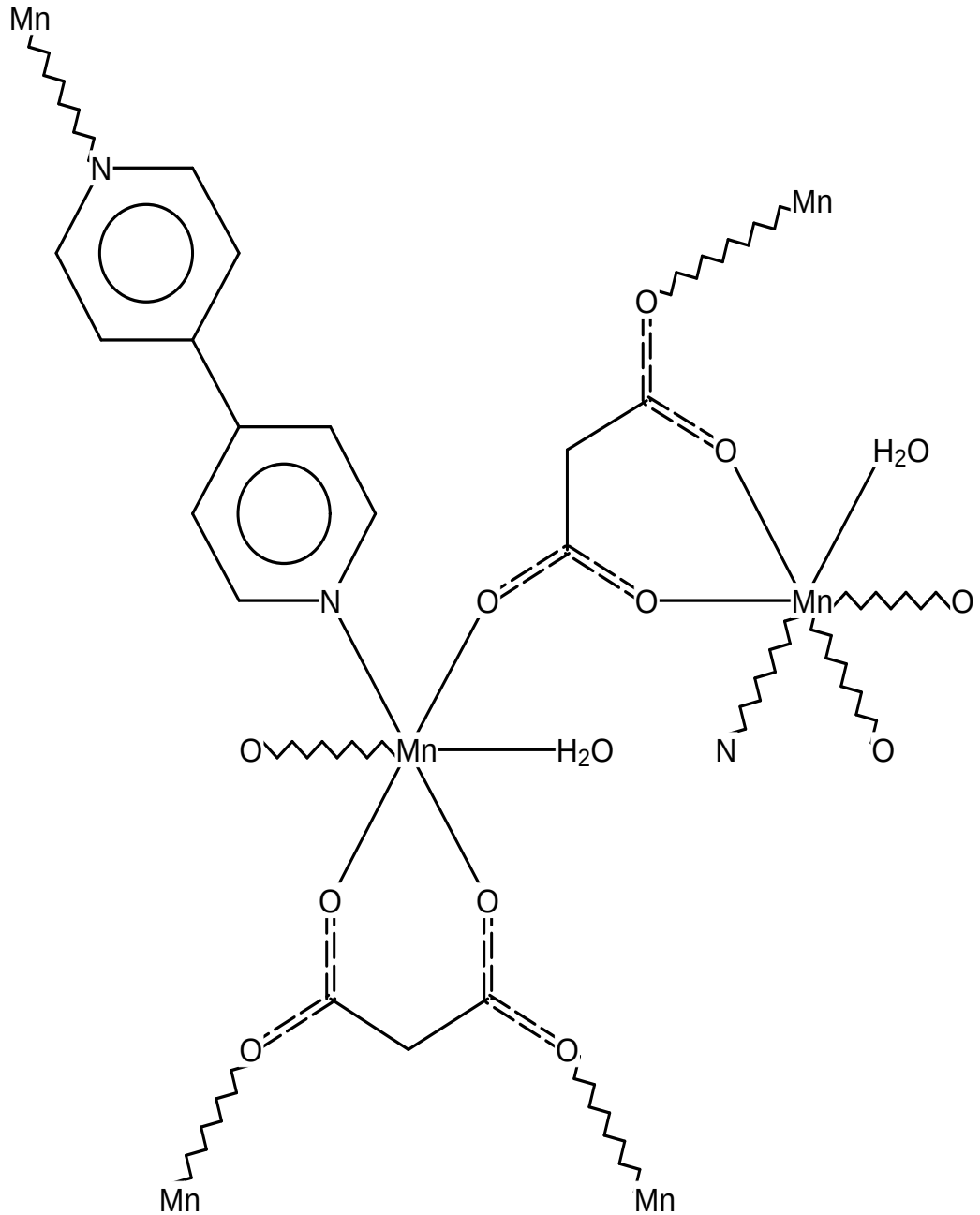
Reference: Y.Rodriguez-Martin, M.Hernandez-Molina, J.Sanchiz, C.Ruiz-Perez, F.Lloret, M.Julve (2003) *Dalton Trans. ,*2359

Formula: $(C_{16}\ H_{16}\ Mn_2\ N_2\ O_{10})n$

Compound Name: catena-(bis(μ_3-Malonato)-(μ_2-4,4'-bipyridyl)-diaqua-di-manganese(ii))

Space Group:	P21/n	***Cell:***	***a***	7.291(2)	***b***	18.454(3)	***c***	7.532(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.68(3)	γ	90.00

R-Factor (%): 5.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.660



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2424

TUYKED

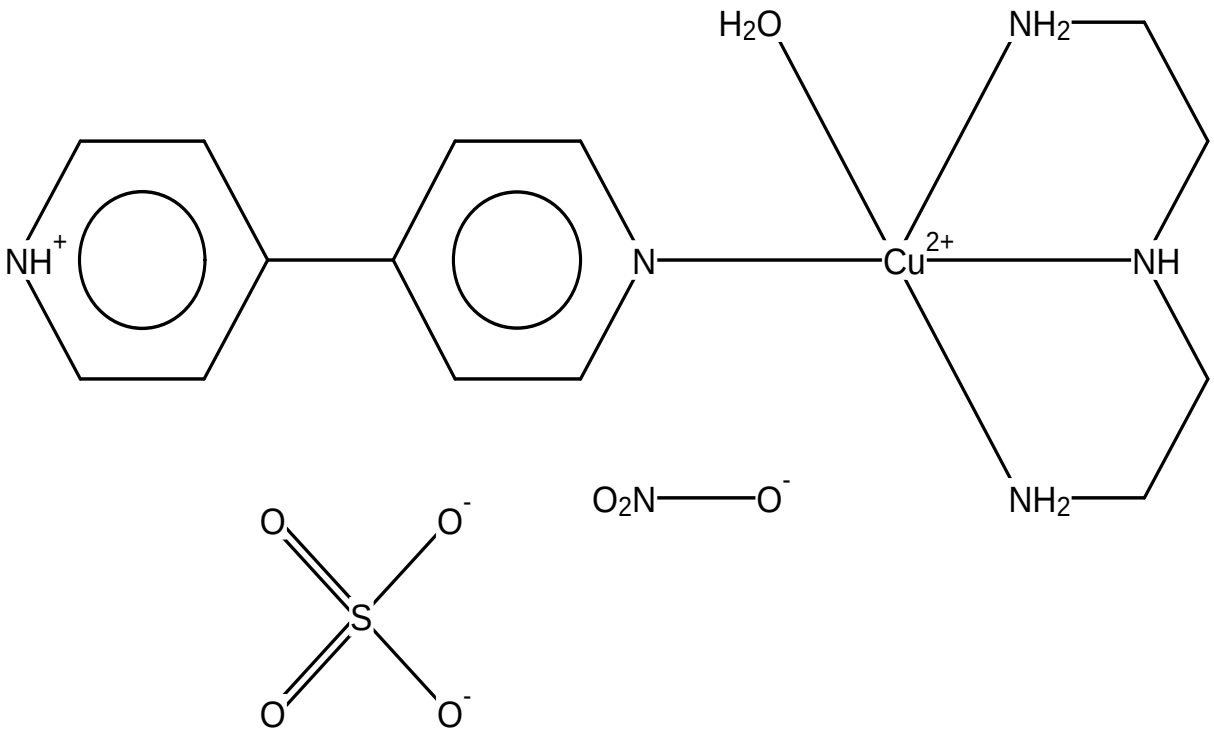
Reference: Yugen Zhang, Peng Zhang, Jianmin Li, M.Nishiura (2001) *J.Mol.Struct. ,***570,**37

Formula: $C_{14}\ H_{24}\ Cu_1\ N_5\ O_1^{3+},N_1\ O_3^{1-},O_4\ S_1^{2-}$

Compound Name: Aqua-(diethylenetriamine)-(4,4-bipyridinium)-copper nitrate sulfate

Space Group:	P212121	***Cell:***	***a***	14.952(3)	***b***	20.491(4)	***c***	6.713
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.20 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.615



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2425

UBOCIX

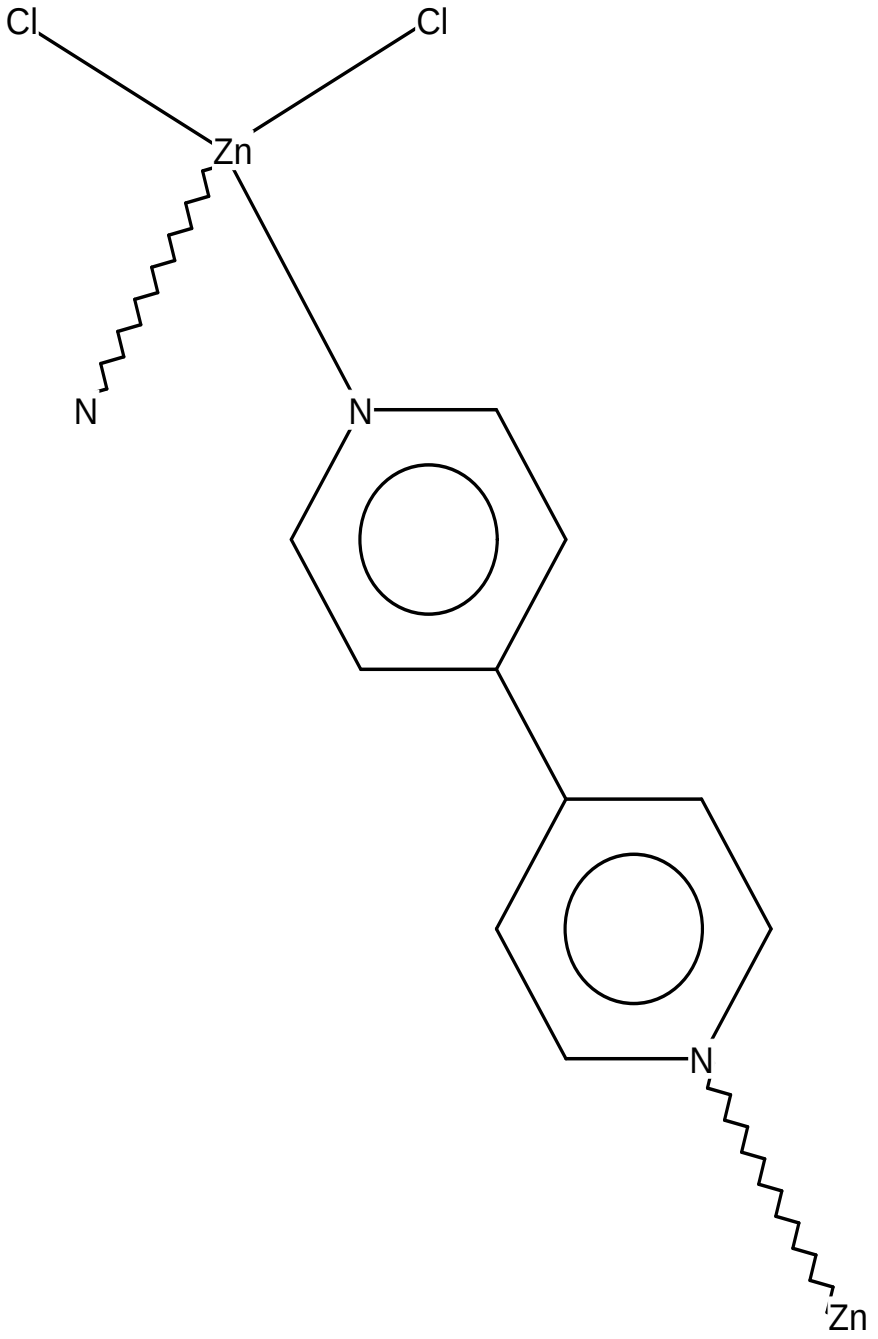
Reference: Chunhua Hu, U.Englert (2001) *CrystEngComm* ,**3,**91

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-dichloro-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	15.830(2)	***b*** 5.113(0)	***c***	14.596(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.27(0)	γ	90.00

R-Factor (%): 5.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.753



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2426

UBOCIX01

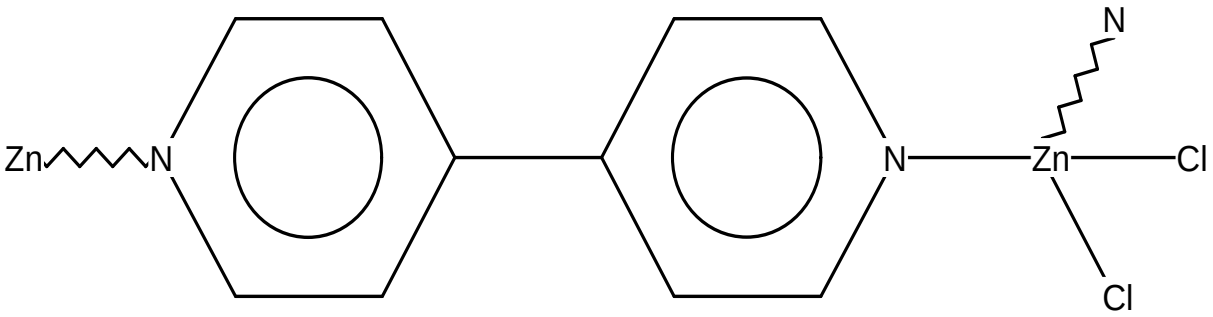
Reference: Yu-Cang Liang, Mao-Chun Hong, Rong Cao, Wei-Ping Su, Ying-Jun Zhao, Jia-Bao Weng (2001) *Polyhedron* ,**20,** 2477

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-dichloro-zinc]

Space Group:	Cc	***Cell:***	***a***	15.872(11)	***b*** 5.123(4)	***c***	14.645(9)
Space Group No.:	9	***(Å,°)***	α	90.00	β 110.33(4)	γ	90.00

R-Factor (%): 4.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.740



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2427

UBOCIX02

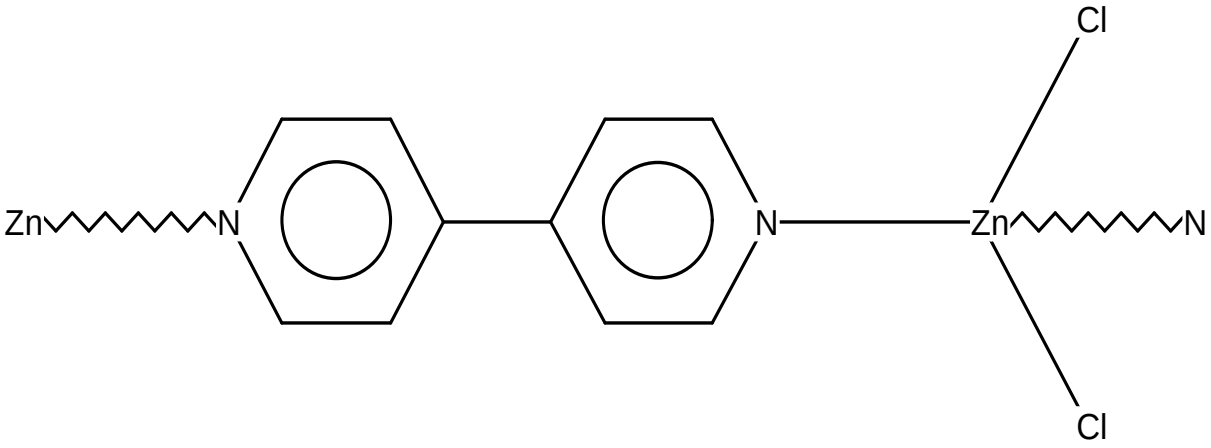
Reference: Aihua Fu, J.Y.Lu, Xiaoying Huang, Jing Li (2001)
J.Alloys Compd. ,**319,**89

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-dichloro-zinc)

Space Group:	C2/c	***Cell:***	***a***	15.821(3)	***b*** 5.109(1)	***c***	14.612(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.33(3)	γ	90.00

R-Factor (%): 4.65 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.754



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2428

UBOCIX03

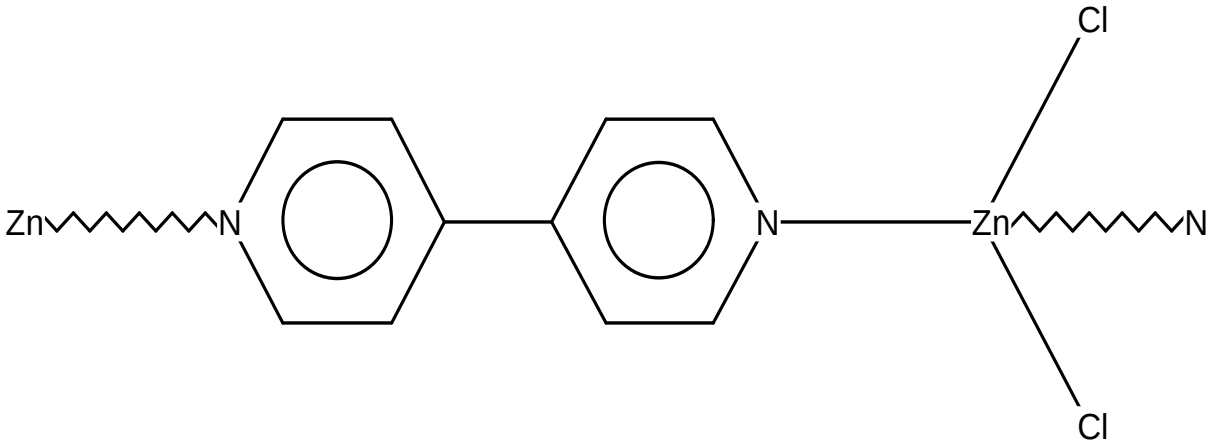
Reference: Aihua Fu, J.Y.Lu, Xiaoying Huang, Jing Li (2001)
J.Alloys Compd. ,**319,**89

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-dichloro-zinc)

Space Group:	Pnma	***Cell:***	***a***	17.349(3)	***b***	12.407(2)	***c*** 5.114(1)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.93 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.765



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2429

UBOCIX04

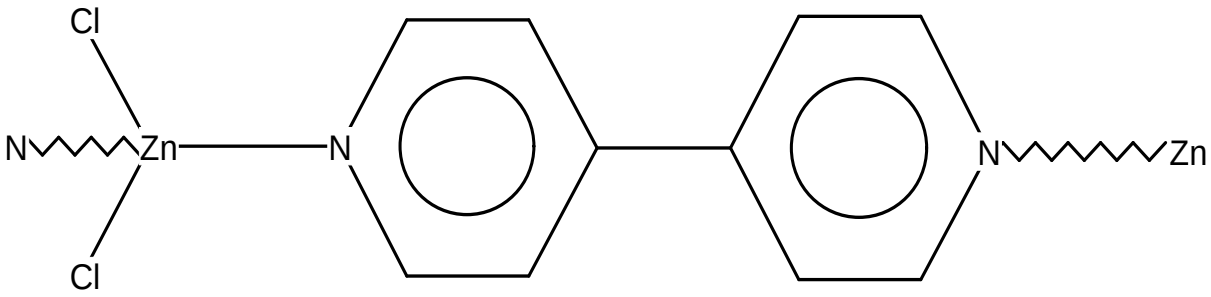
Reference: Chunhua Hu, U.Englert (2005) *Angew.Chem.,Int.Ed.* ,**44,** 2281

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-bipyridyl)-dichloro-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	15.830(2)	***b*** 5.113(0)	***c***	14.596(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.27(0)	γ	90.00

R-Factor (%): 5.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.753



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2430

UBOCIX05

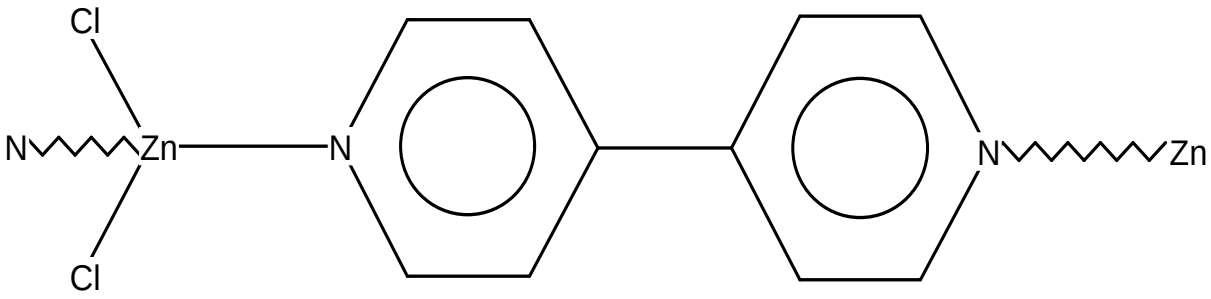
Reference: Chunhua Hu, U.Englert (2005) *Angew.Chem.,Int.Ed.* ,**44,** 2281

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-dichloro-zinc(ii))

Space Group:	Pnma	***Cell:***	***a***	17.319(4)	***b***	12.389(3)	***c*** 5.112(1)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.771



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2431

UBOCIX06

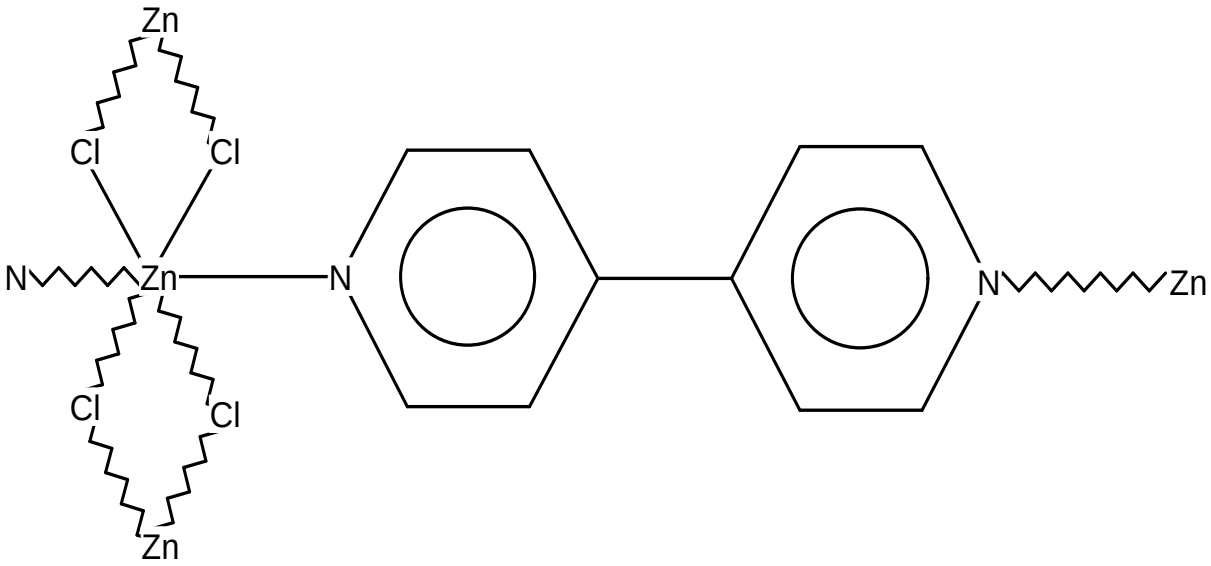
Reference: Chunhua Hu, U.Englert (2005) *Angew.Chem.,Int.Ed.* ,**44,** 2281

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(μ_2-chloro)-zinc(ii))

Space Group:	Pban	***Cell:***	***a***	11.380(2)	***b*** 11.922(2)	***c***	3.620(0)
Space Group No.:	50	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 1.89 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.978



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2432

UBOCIX07

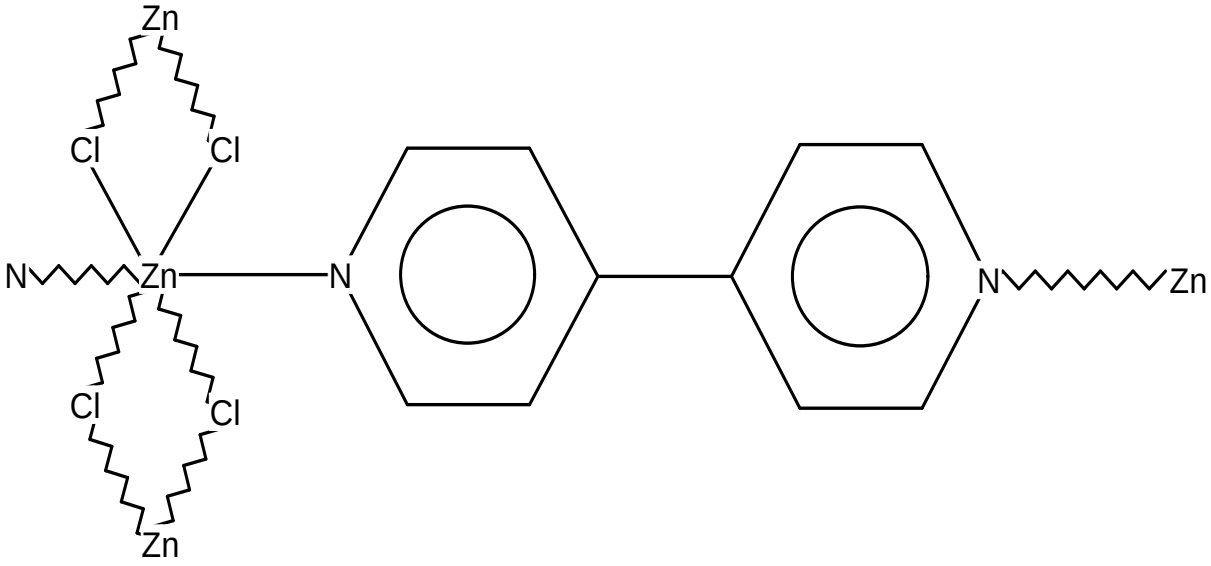
Reference: Chunhua Hu, U.Englert (2005) *Angew.Chem.,Int.Ed.* ,**44,** 2281

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(μ_2-chloro)-zinc(ii))

Space Group:	Pban	***Cell:***	***a***	11.368(2)	***b***	11.974(2)	***c*** 3.643(0)
Space Group No.:	50	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.21 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.959



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2433

UBOCIX08

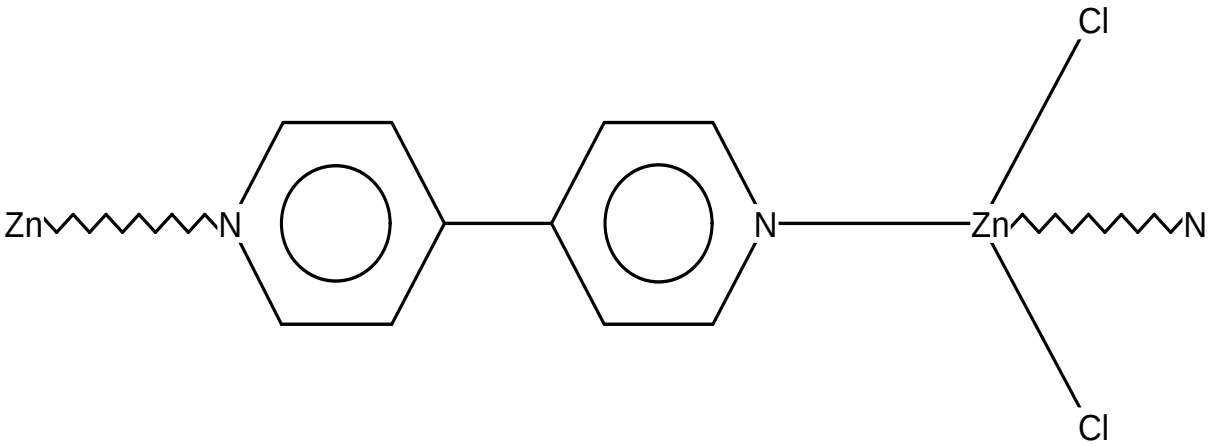
Reference: Yiming Xie, Jihuai Wu (2009) *J.Chem.Res.* ,38

Formula: $(C_{10}\ H_8\ Cl_2\ N_2\ Zn_1)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-dichloro-zinc(ii))

Space Group:	Cc	***Cell:***	***a***	15.883(5)	***b*** 25.656(5)	***c***	14.642(6)
Space Group No.:	9	***(Å,°)***	α	90.00	β 110.32(0)	γ	90.00

R-Factor (%): 4.71 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.736



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2434

UBOCOD

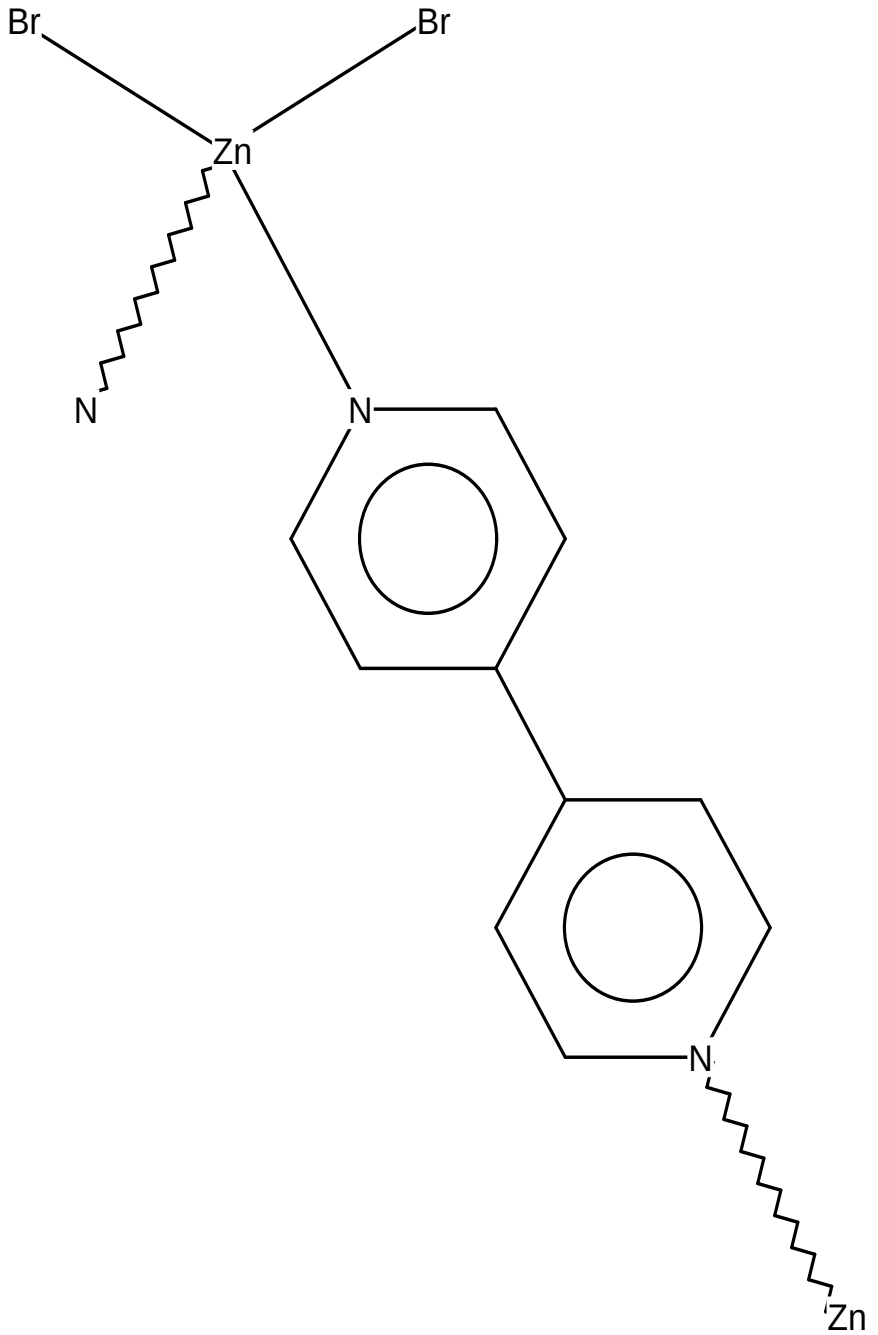
Reference: Chunhua Hu, U.Englert (2001) *CrystEngComm* ,**3,**91

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-dibromo-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	15.989(2)	***b*** 5.421(0)	***c***	15.010(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 113.44(0)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.122



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2435

UBOCOD01

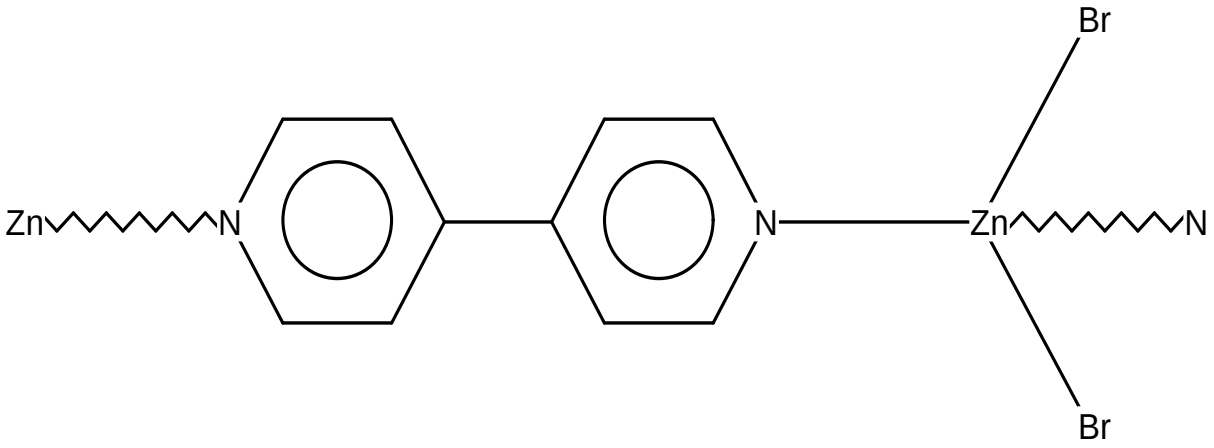
Reference: Wen-Tong Chen, Ming-Sheng Wang, Xi Liu, Guo-Cong Guo, Jin-Shun Huang (2006) *Cryst.Growth Des. ,***6,**2289

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-dibromo-zinc)

Space Group:	Pnma	***Cell:***	***a***	17.032(3)	***b*** 12.774(6)	***c***	5.395(1)
Space Group No.:	62	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 5.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.158



Search: search1 (Thu May 26 10:05:42 2011): Hit 2436

UBOVEM

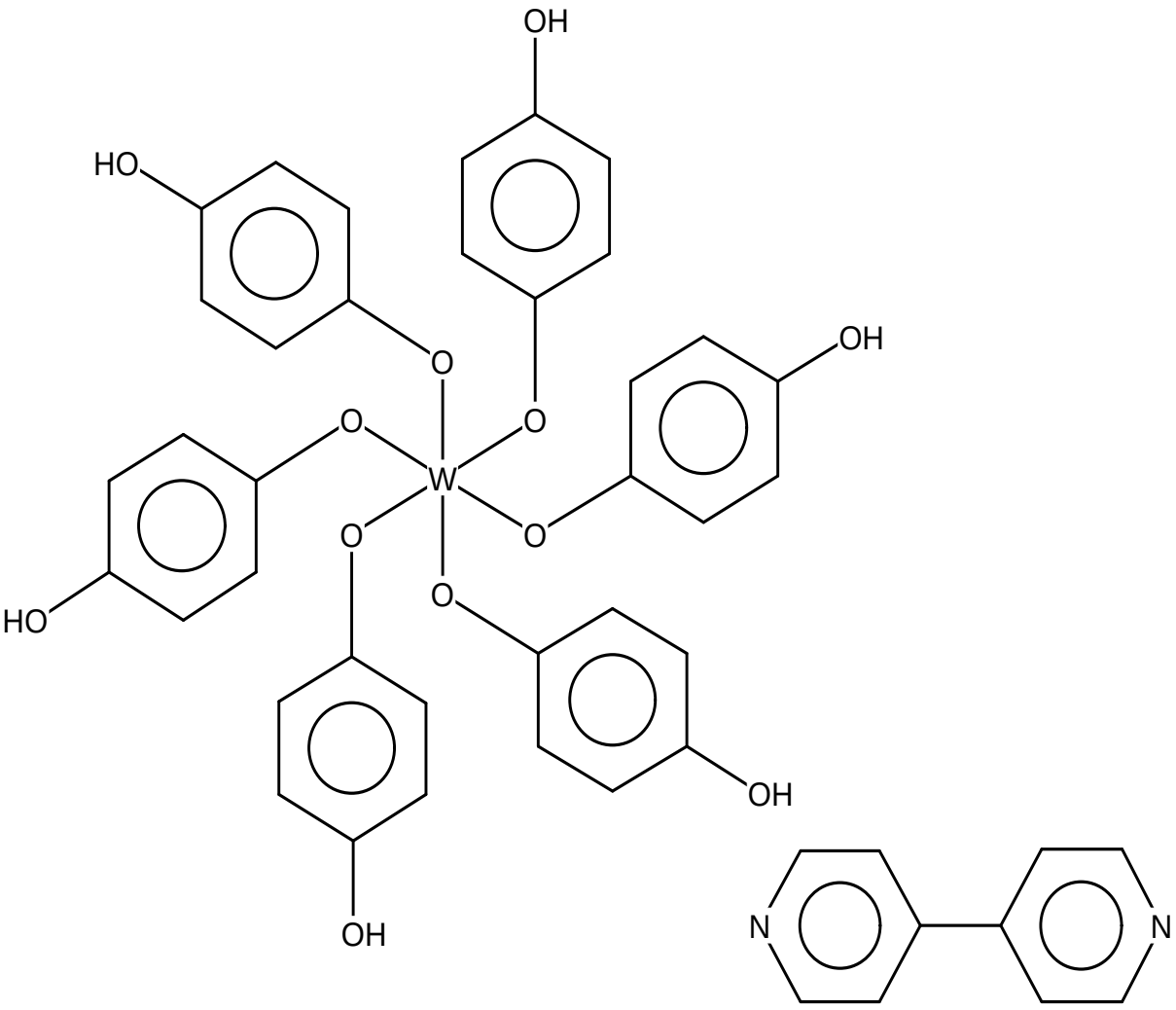
Reference: T.P.Vaid, O.L.Sydora, R.E.Douthwaite, P.T.Wolczanski, E.B.Lobkovsky (2001) *Chem.Commun.* ,1300

Formula: $C_{36}\ H_{30}\ O_{12}\ W_1$,6($C_{10}\ H_8\ N_2$)

Compound Name: hexakis(4-Hydroxyphenoxy)-tungsten hexakis(4,4'-bipyridine)

Space Group:	R3	***Cell:***	***a***	27.140(0)	***b***	27.140(0)	***c*** 9.701(0)
Space Group No.:	146	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.25 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.429



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2437

UCAXAY

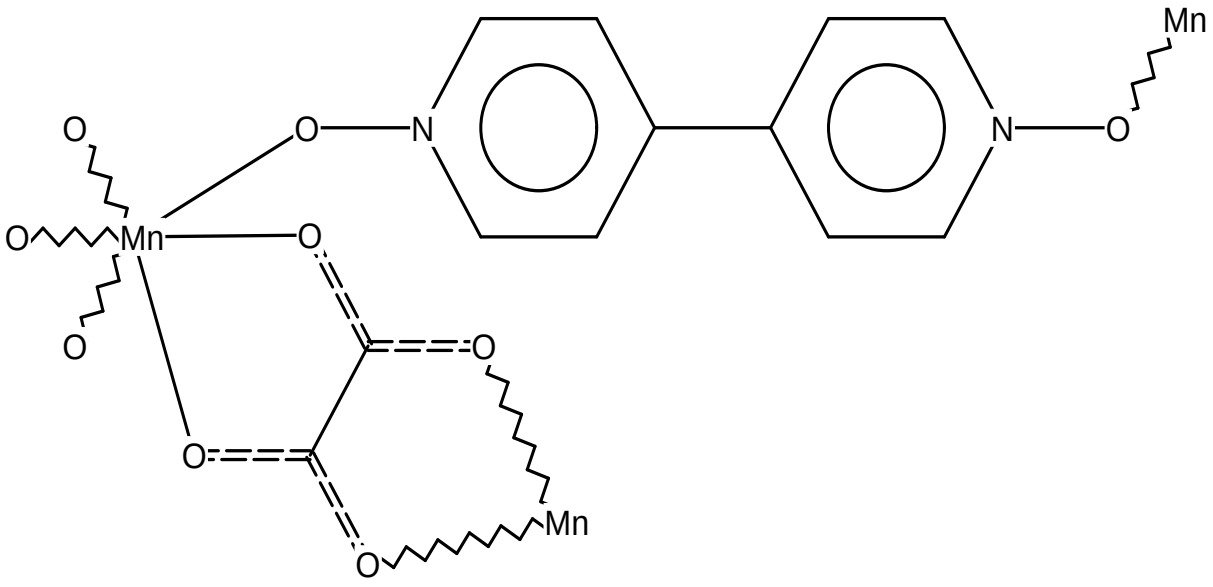
Reference: S.C.Manna, E.Zangrando, M.G.B.Drew, J.Ribas, N.R.Chaudhuri (2006) *Eur.J.Inorg.Chem.* ,481

Formula: $(C_{12}\ H_8\ Mn_1\ N_2\ O_6)n$

Compound Name: catena-(μ_2-4,4'-Dipyridyl-N,N'-dioxide-O,O')-(μ_2-oxalato)-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	14.231(3)	***b***	5.657(2)	***c*** 15.189(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.59(2)	γ 90.00

R-Factor (%): 3.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.805



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2438

UCOXIT

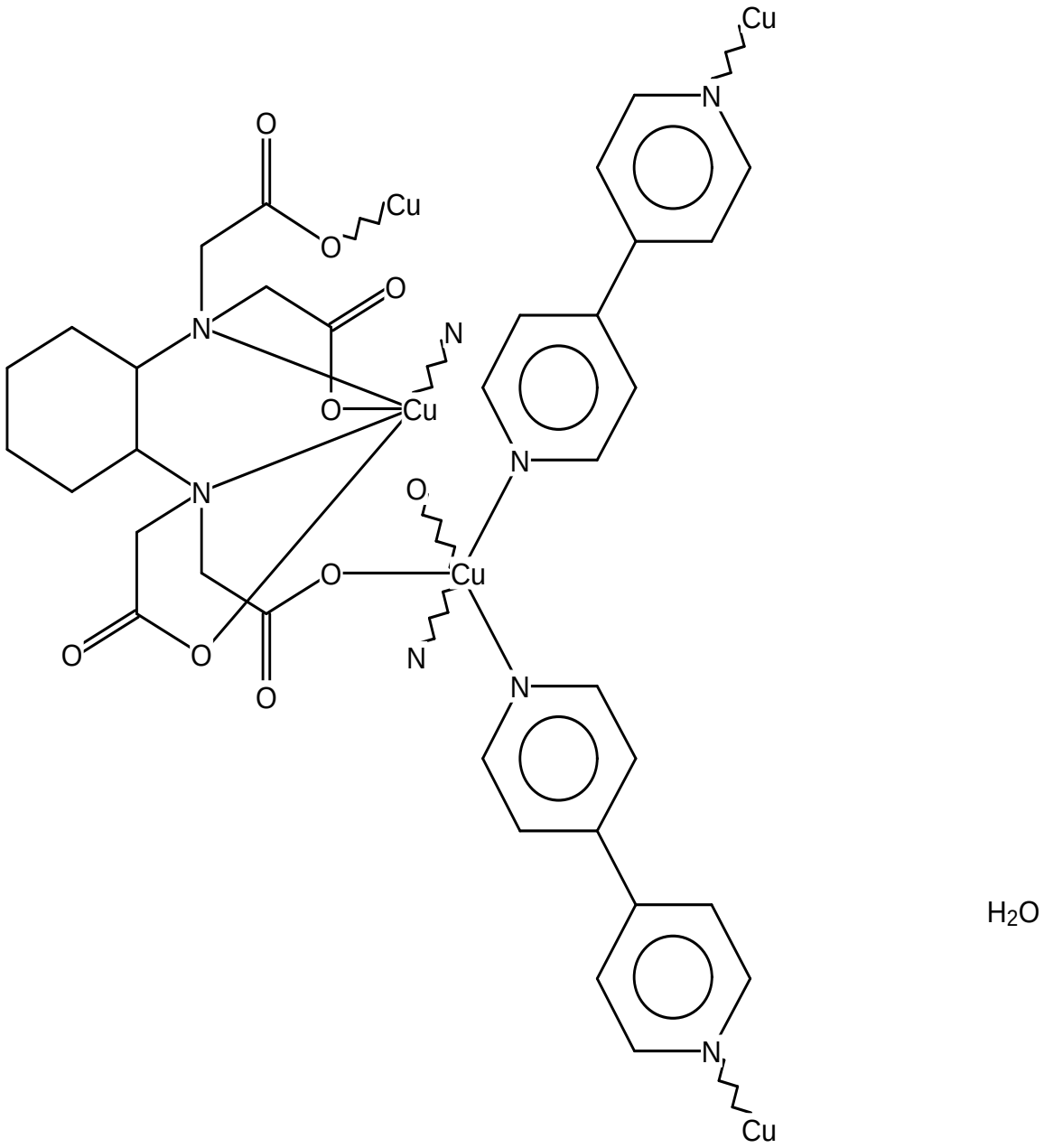
Reference: Zhan Shi, Shouhua Feng, Yan Sun, Jia Hua (2001)
*Inorg.Chem. ,***40,**5312

Formula: $(C_{34}\ H_{34}\ Cu_2\ N_6\ O_8)n,12n(H_2\ O_1)$

Compound Name: catena-((μ_3-trans-1,2-Cyclohexanediaminetetracetato-O)-bis(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) dodecahydrate)

Space Group:	P-1	***Cell:***	***a***	11.159(0)	***b***	11.580(0)	***c*** 19.863(1)
Space Group No.:	2	***(Å,°)***	α	90.49(0)	β	98.53(0)	γ 101.60(0)

R-Factor (%): 5.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.334



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2439

UCOXOZ

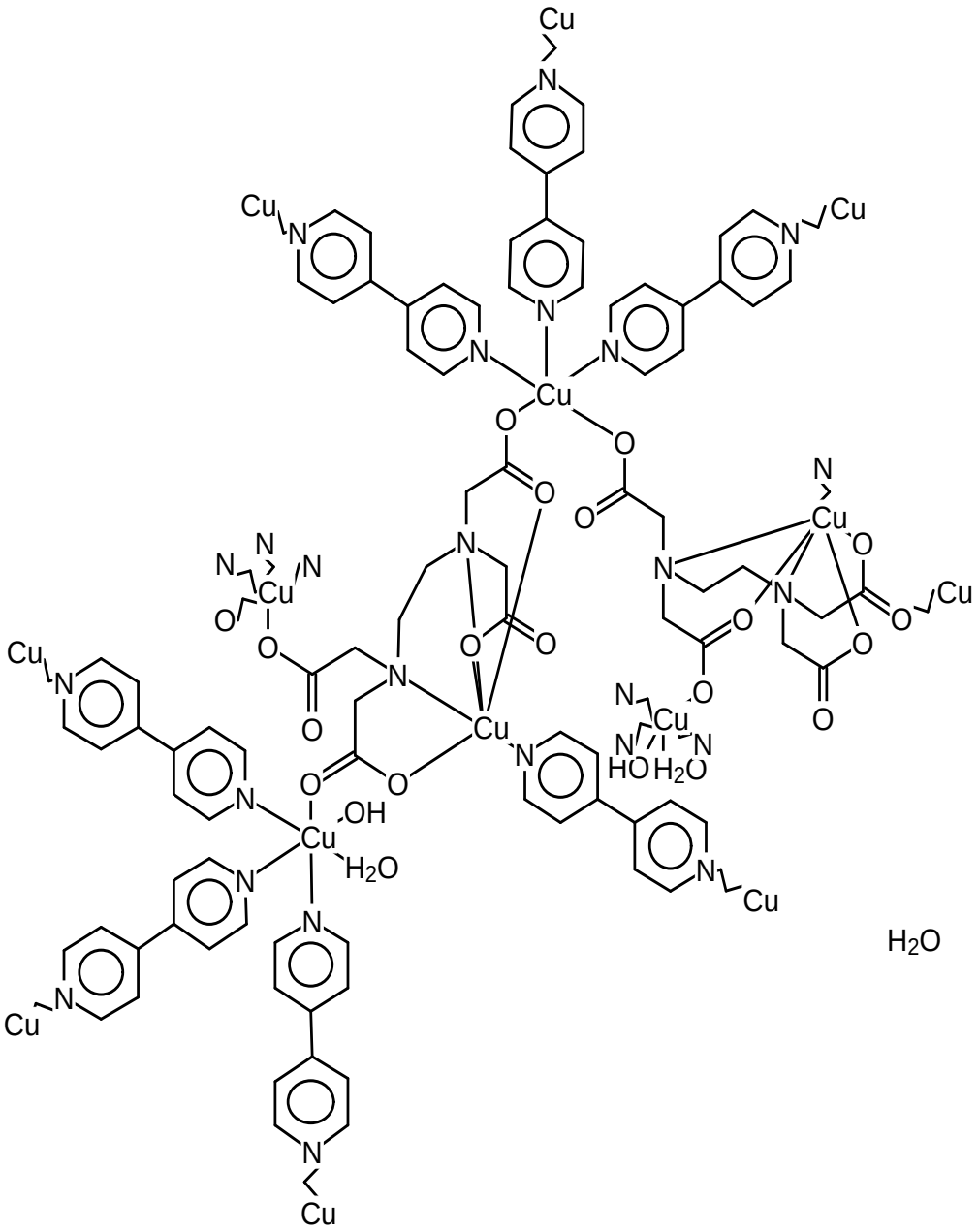
Reference: Zhan Shi, Shouhua Feng, Yan Sun, Jia Hua (2001)
*Inorg.Chem. ,***40,**5312

Formula: $(C_{90}\ H_{86}\ Cu_6\ N_{18}\ O_{20})n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-Ethylenediaminetetracetato)-heptakis(μ_2-4,4'-bipyridine-N,N')-diaqua-dihydroxy-hexa-copper hexahydrate)

Space Group:	C2/c	***Cell:***	***a***	40.889(7)	***b***	19.545(4)	***c***	16.642(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.72(0)	γ	90.00

R-Factor (%): 5.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.113



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2440

UDABOR

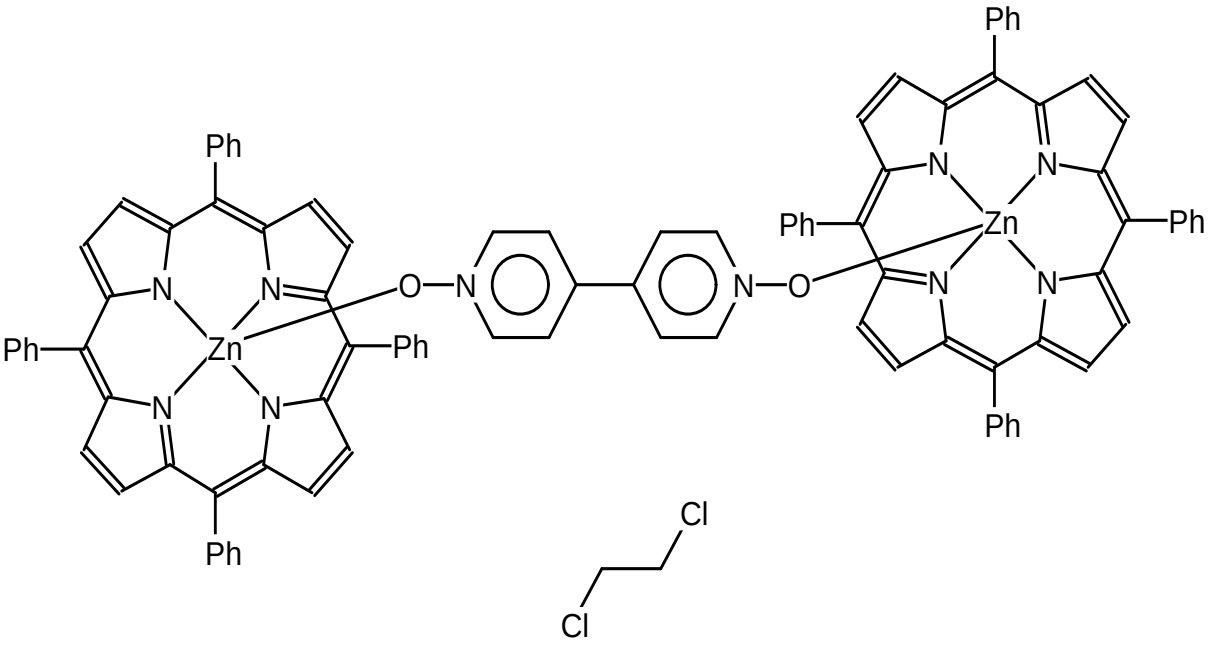
Reference: Qingdao Zeng, Jun Lu, Shandong Xu, Dongxia Wu, Caiming Liu, Yan Li, Chen Wang, Chunli Bai (2005) *Lett.Org.Chem. ,***2,** 424

Formula: $C_{98}\ H_{64}\ N_{10}\ O_2\ Zn_2,2(C_2\ H_4\ Cl_2)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N'-dioxide-O,O')-bis(5,10,15,20-tetraphenylporphyrinato)-di-zinc(ii) 1,2-dichloroethane solvate

Space Group:	P-1	***Cell:***	***a***	10.564(2)	***b***	12.272(3)	***c***	17.103(3)
Space Group No.:	2	***(Å,°)***	α	73.32(3)	β	84.28(3)	γ	74.86(3)

R-Factor (%): 6.73 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.412



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2441

UDAVUR

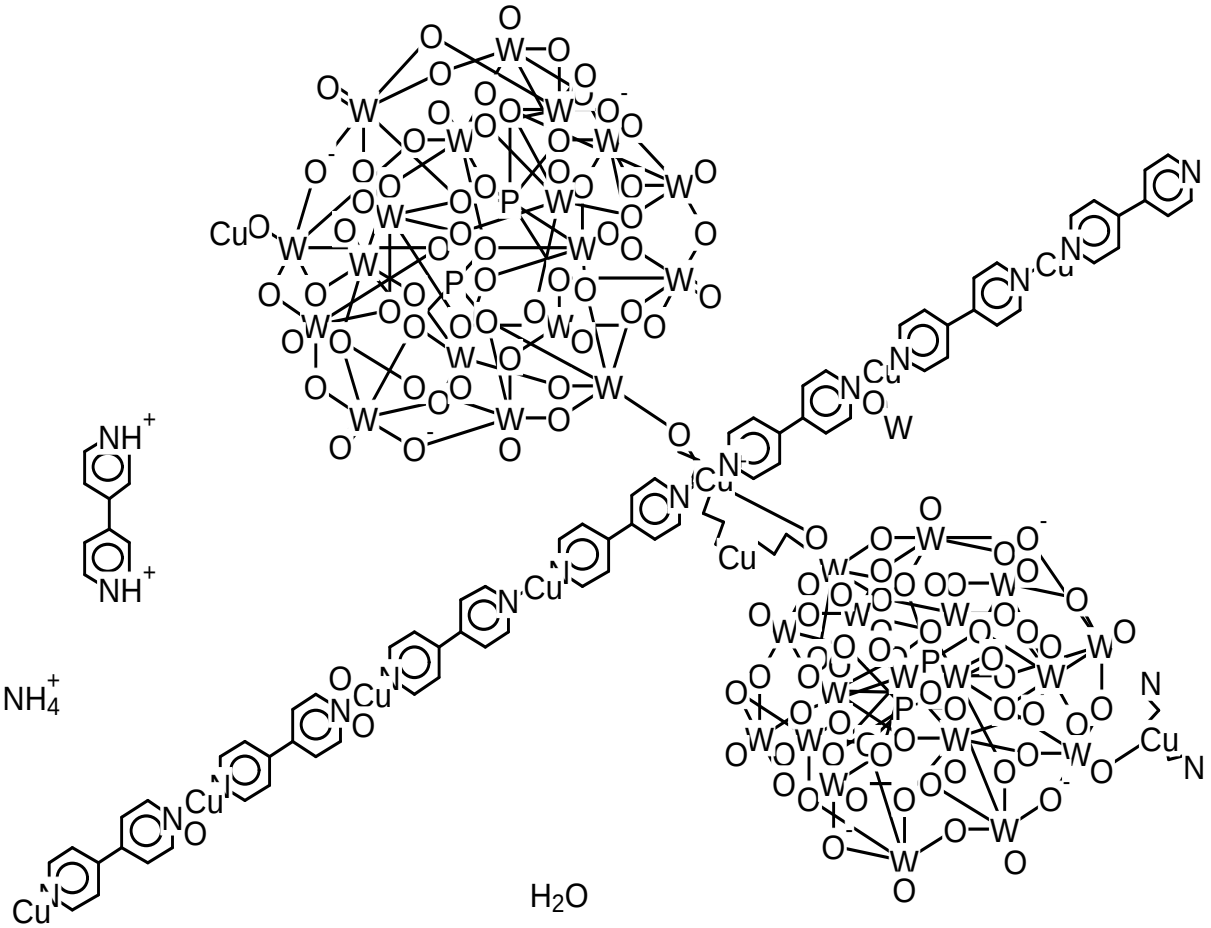
Reference: Hua Jin, Yan-Fei Qi, Dong-Rong Xiao, Xin-Long Wang, Song Chang, En-Bo Wang (2007) *J.Mol.Struct.* ,**837,**23

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,3n(H_4\ N_1\ ^{1+}),n(C_{70}\ H_{56}\ Cu_7\ N_{14}\ O_{124}\ P_4\ W_{36}\ ^{5-}),10n(H_2\ O_1)$

Compound Name: catena-(Triammonium 4,4'-bipyridinium tetrakis(μ_9-phosphato)-bis(μ_3-oxo)-hexakis(μ_2-4,4'-bipyridine)-tetraheptacontakis(μ_2-oxo)-(4,4'-bipyridine)-dotriacontaoxo-hepta-copper-tritriaconta-tungsten decahydrate)

Space Group:	P-1	***Cell:***	***a***	16.682(3)	***b***	17.620(3)	***c***	18.817(4)
Space Group No.:	2	***(Å,°)***	α	67.50(3)	β	75.79(3)	γ	66.37(3)

R-Factor (%): 5.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.803



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2442

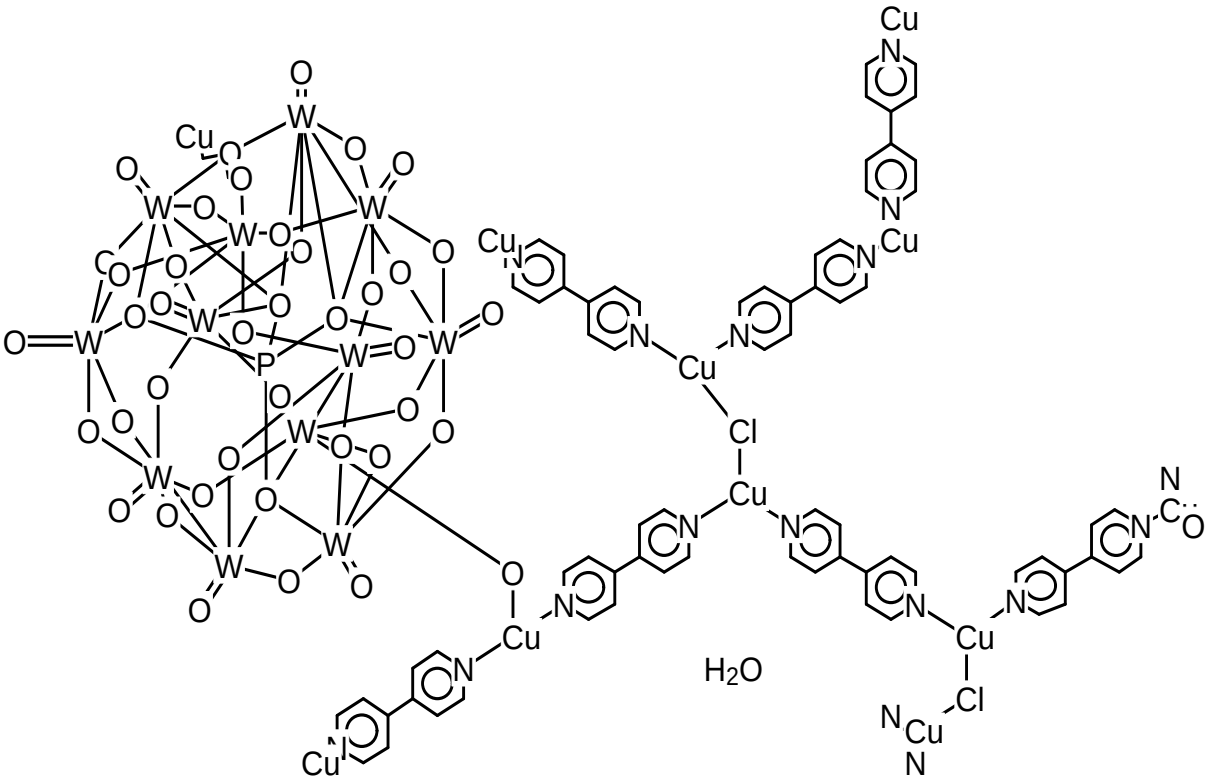
UDAWEC

Reference: Linlin Fan, Dongrong Xiao, Enbo Wang, Yangguang Li, Zhongming Su, Xinlong Wang, Jia Liu (2007) *Cryst.Growth Des. ,***7,**592

Formula: $(C_{70}\ H_{56}\ Cl_2\ Cu_7\ N_{14}\ O_{40}\ P_1\ W_{12})n,1.5n(H_2\ O_1)$

Compound Name: catena-((μ_{10}-Phosphato)-heptakis(μ_2-4,4'-bipyridine)-hexaicosakis(μ_2-oxo)-bis(μ_2-chloro)-decaoxo-hepta-copper(i)-dodeca-tungsten sesquihydrate)

Space Group:	P-1	***Cell:***	***a***	12.341(3)	***b***	13.238(3)	***c*** 15.373(3)
Space Group No.:	2	***(Å,°)***	α	99.23(3)	β	90.25(3)	γ 105.11(3)
R-Factor (%):	8.71	***Temperature(K):***	293		***Density(g/cm^3):***		3.135



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2443

UDIQII

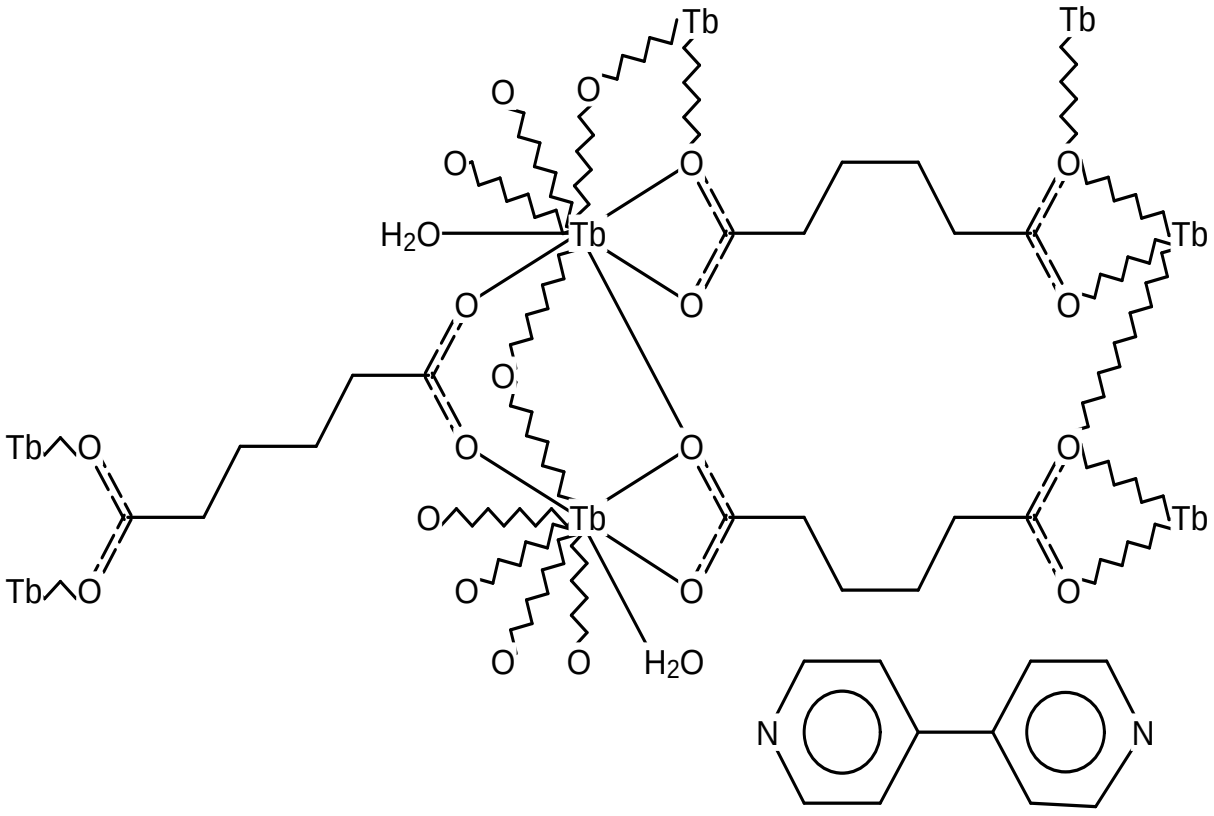
Reference: D.T.de Lill, A.de Bettencourt-Dias, C.L.Cahill (2007) *Inorg.Chem. ,***46,**3960

Formula: $(C_{18}\ H_{28}\ O_{14}\ Tb_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_4-Adipato-O,O,O',O'',O'',O''')-(μ_4-adipato-O,O',O'',O''')-diaqua-di-terbium 4,4'-bipyridine solvate)

Space Group:	Pbcn	***Cell:***	***a***	21.866(3)	***b***	7.610(1)	***c***	19.646(3)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.915



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2444

UDISIK

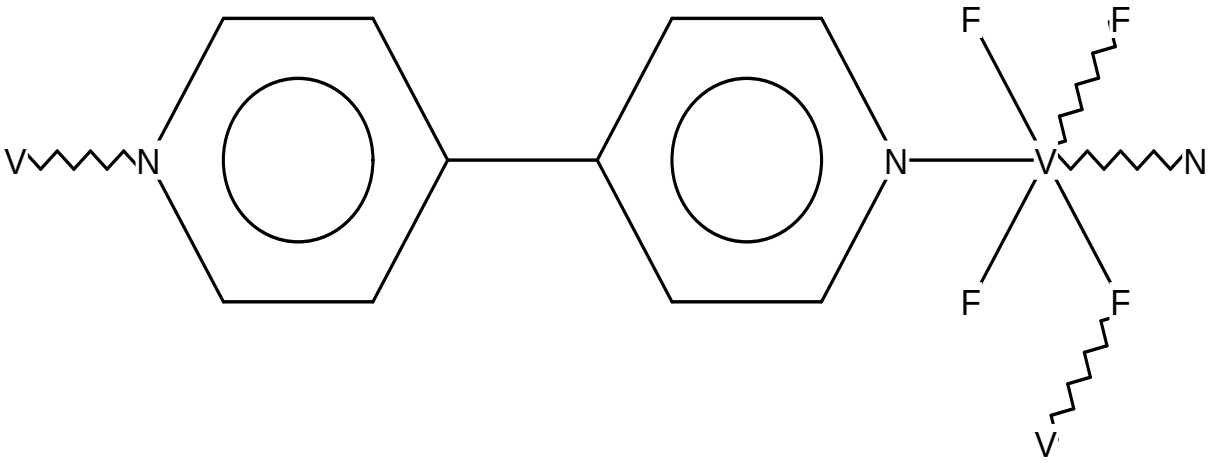
Reference: D.W.Aldous, N.F.Stephens, P.Lightfoot (2007)
*Inorg.Chem. ,***46,**3996

Formula: $(C_{10}\ H_8\ F_3\ N_2\ V_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-fluoro)-difluoro-vanadium(iii))

Space Group:	I222	***Cell:***	***a***	3.797(4)	***b***	10.769(7)	***c***	11.312(6)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.79 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.896



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2445

UDOGEA

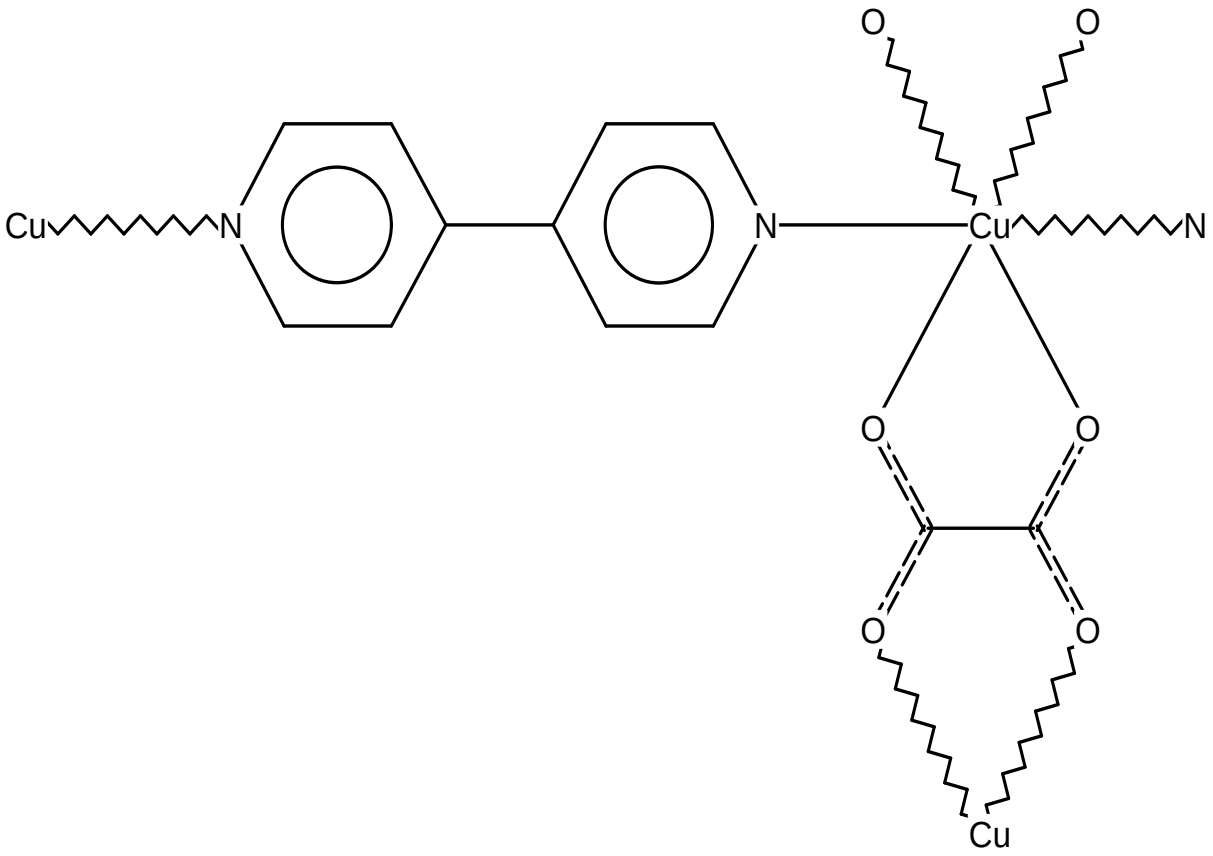
Reference: Hong Ren, Jia-Ning Xu, Lian-Xiang Yu, Jun-Wei Ye, Ming-Hui Bi, Ping Zhang, Tian-You Song (2007) *Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition))* , **28,**1014

Formula: $(C_{12}\ H_8\ Cu_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl-N,N')-(μ_2-oxalato-O,O',O'',O''')-copper(ii)]

Space Group:	Cm	***Cell:***	***a***	11.921(7)	***b*** 11.153(7)	***c***	5.155(4)
Space Group No.:	8	***(Å,°)***	α	90.00	β 113.38(3)	γ	90.00

R-Factor (%): 3.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.625



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2446

UDURAM

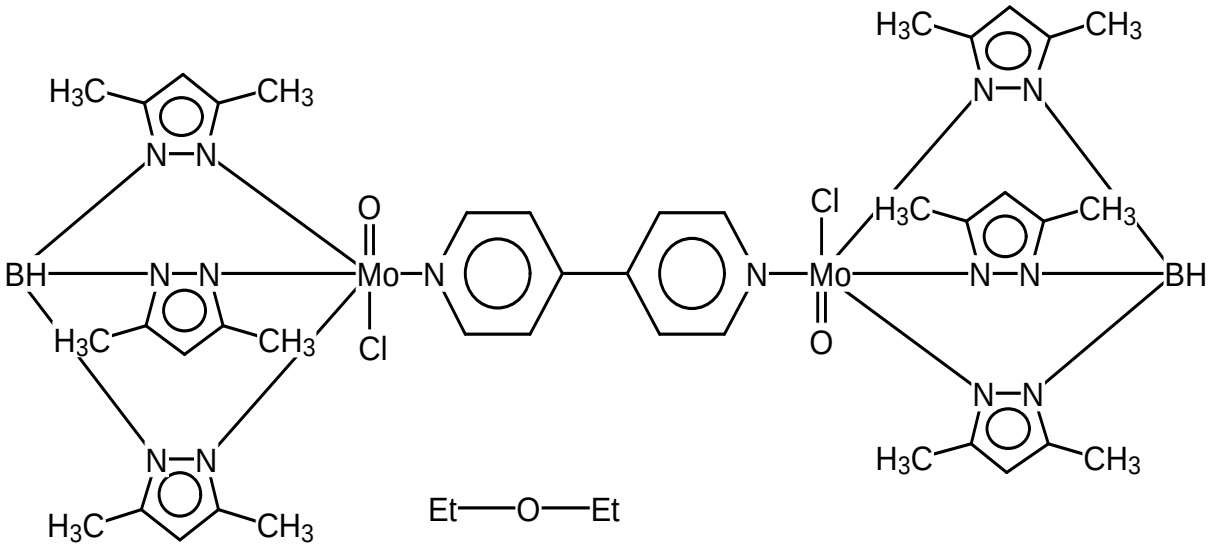
Reference: M.B.Kassim, R.L.Paul, J.C.Jeffery, J.A.McCleverty, M.D.Ward (2002) *Inorg.Chim.Acta* ,**327,**160

Formula: $C_{40}\ H_{52}\ B_2\ Cl_2\ Mo_2\ N_{14}\ O_2,2(C_4\ H_{10}\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis((hydrogen tris(3,5-dimethylpyrazolyl)borate)-chloro-oxo-molybdenum(iv)) diethyl ether solvate

Space Group:	C2/m	***Cell:***	***a*** 24.287(4)	***b*** 13.926(2)	***c*** 8.413(1)
Space Group No.:	12	***(Å,°)***	α 90.00	β 96.13(0)	γ 90.00

R-Factor (%): 4.77 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.401



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2447

UFAROJ

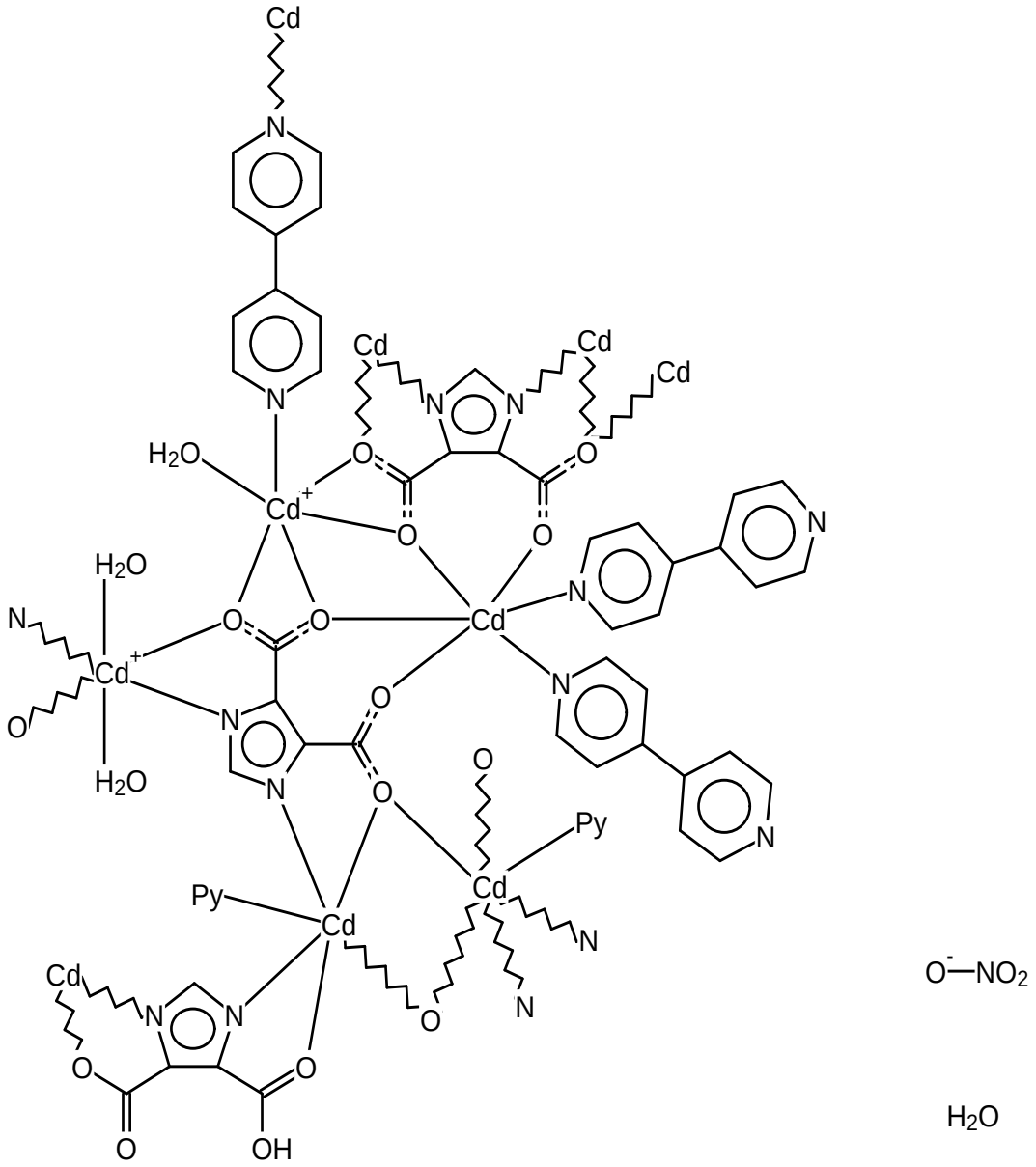
Reference: Wen-Guan Lu, Long Jiang, Xiao-Long Feng, Tong-Bu Lu (2008) *Cryst.Growth Des.* ,**8,**986

Formula: $(C_{55}\ H_{44}\ Cd_5\ N_{14}\ O_{15}\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-Imidazolato-4,5-dicarboxylato-N,N',O,O,O',O',O'',O'',O''')-(μ_2-5-carboxyimidazolato-4-carboxylato-N,N',O,O')-(μ_2-4,4'-bipyridyl-N,N')-triaqua-bis(4,4'-bipyridyl)-dipyridine-penta-cadmium(ii) dinitrate dihydrate)

Space Group:	Cmma	***Cell:***	***a***	19.041(4)	***b***	23.089(5)	***c***	15.056(3)
Space Group No.:	67	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.54 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.870



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2448

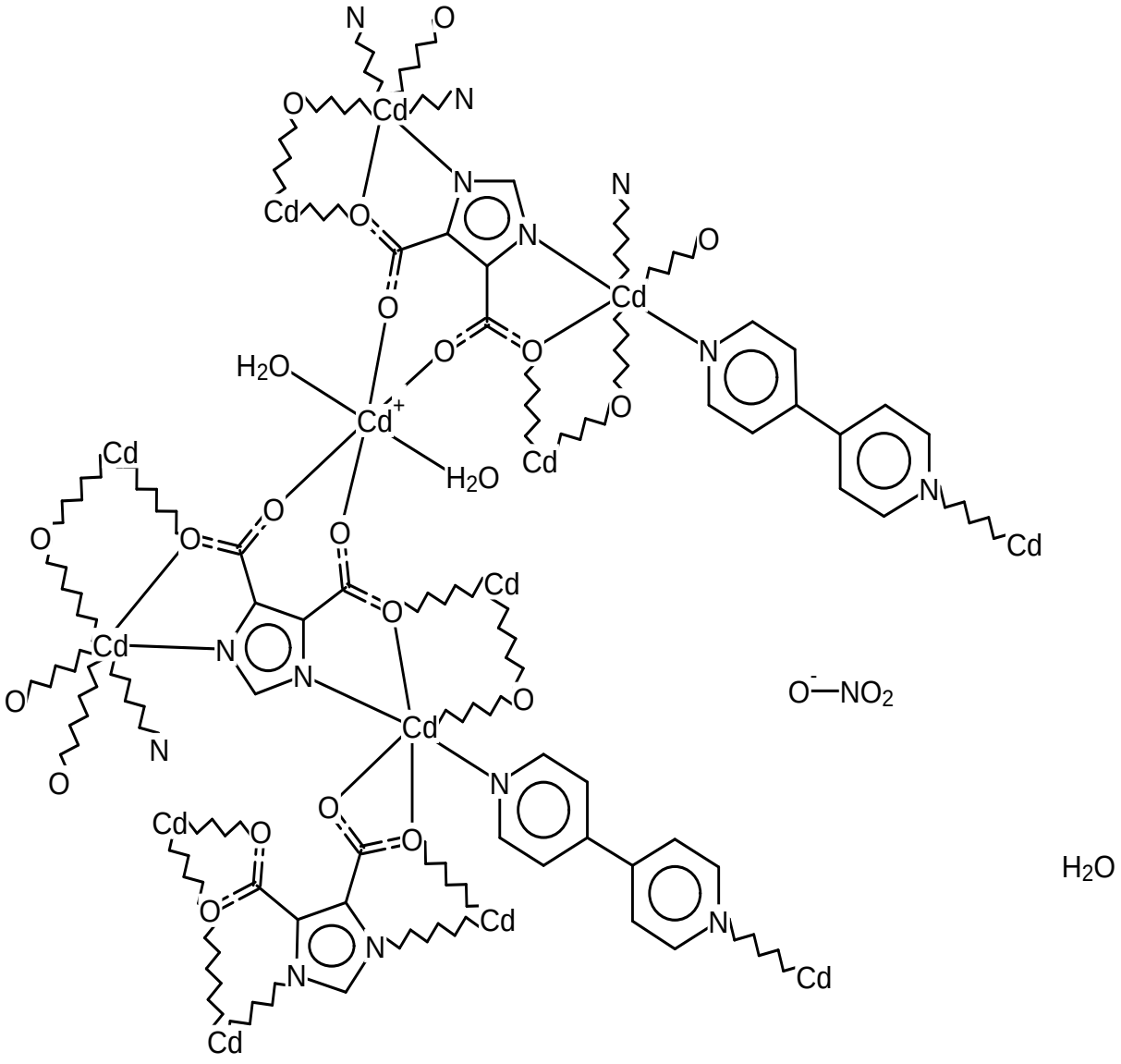
UFASAW

Reference: Wen-Guan Lu, Long Jiang, Xiao-Long Feng, Tong-Bu Lu (2008) *Cryst.Growth Des.* ,**8,**986

Formula: $(C_{35}\ H_{23}\ Cd_5\ N_{10}\ O_{14}\ ^{1+})n,n(N_1\ O_3\ ^{1-}),3.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_5-Imidazolato-4,5-dicarboxylato-N,N',O,O,O',O',O'',O''')-(μ_4-imidazolato-4,5-dicarboxylato-N,N',O,O,O',O',O'',O''')-bis(μ_2-4,4'-bipyridyl)-diaqua-penta-cadmium(ii) nitrate hydrate)

Space Group:	Cmca	***Cell:***	***a***	16.621(0)	***b***	15.372(1)	***c***	37.354(3)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	9.15	***Temperature(K):***	150		***Density(g/cm^3):***		2.081	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2449

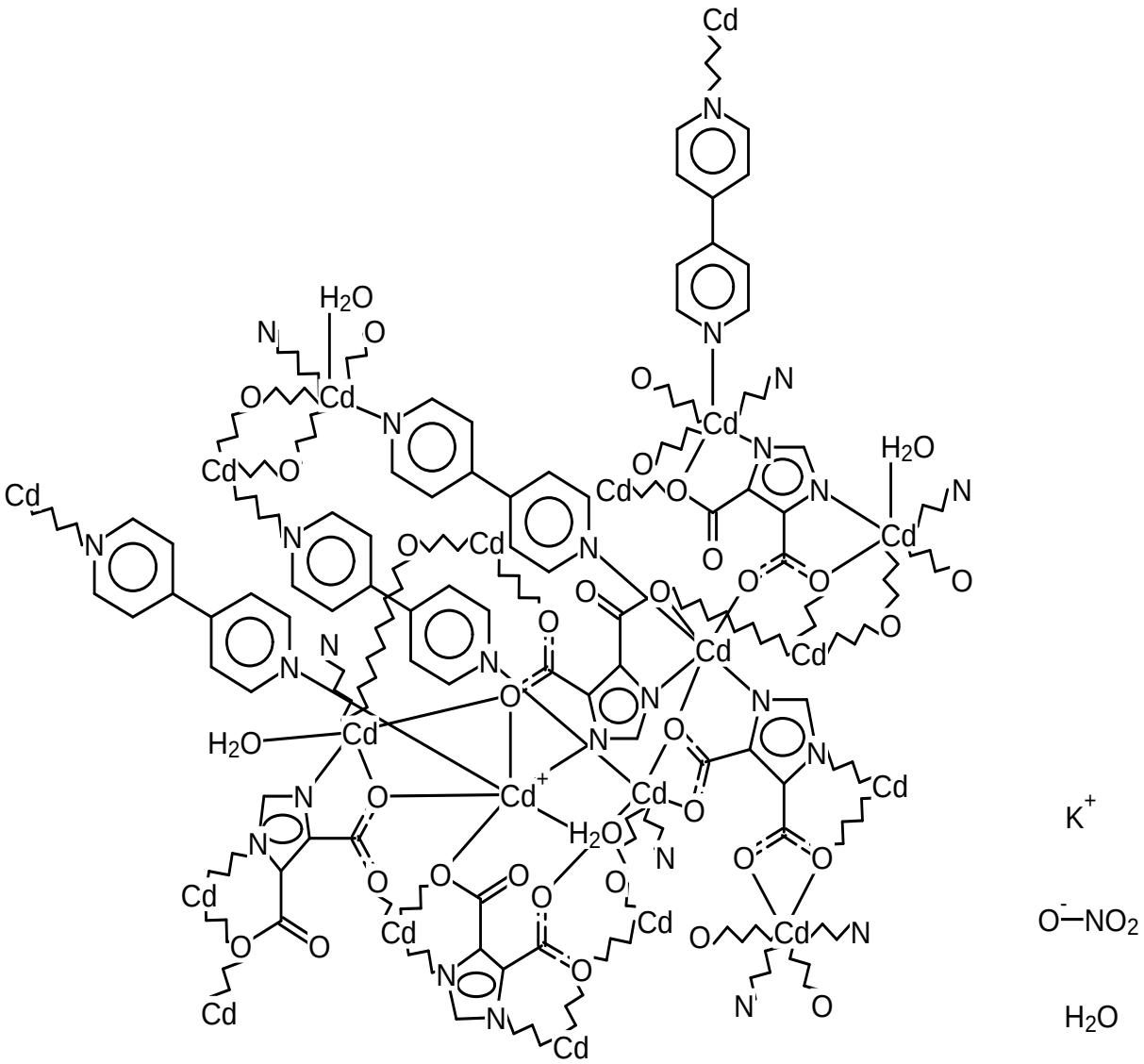
UFASEA

Reference: Wen-Guan Lu, Long Jiang, Xiao-Long Feng, Tong-Bu Lu (2008) *Cryst.Growth Des.* ,**8,**986

Formula: $(C_{65}\ H_{45}\ Cd_8\ N_{18}\ O_{24}\ ^{1+})n,2n(K_1\ ^{1+}),3n(N_1\ O_3\ ^{1-}),6n(H_2\ O_1)$

Compound Name: catena-(Di-potassium tetrakis(μ_5-imidazole-4,5-dicarboxylato)-(μ_4-imidazole-4,5-dicarboxylato)-tetrakis(μ_2-4,4'-bipyridyl)-tetra-aqua-octa-cadmium(ii) trinitrate hexahydrate)

Space Group:	P2/c	***Cell:***	***a***	19.374(2)	***b***	14.887(1)	***c*** 15.372(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	111.75(0)	γ 90.00
R-Factor (%):	6.79	***Temperature(K):***	173		***Density(g/cm^3):***		2.205



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2450

UFAYEF

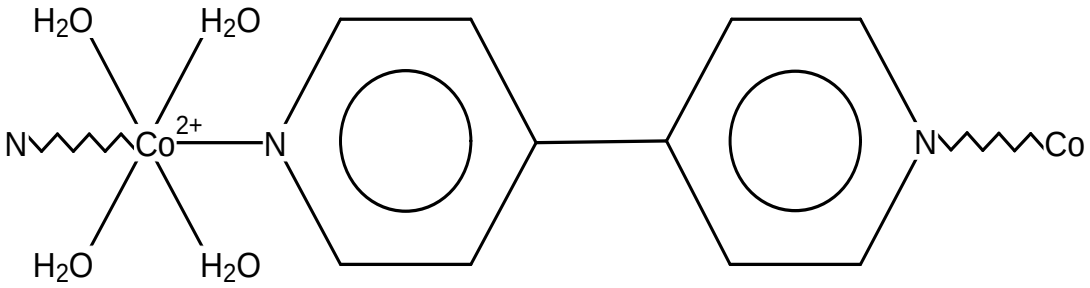
Reference: Chuan-De Wu, Can-Zhong Lu, Ya-Qin Yu, Hong-Hui Zhuang, Jin-Shun Huang (2002) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun.* ,**58,**m197

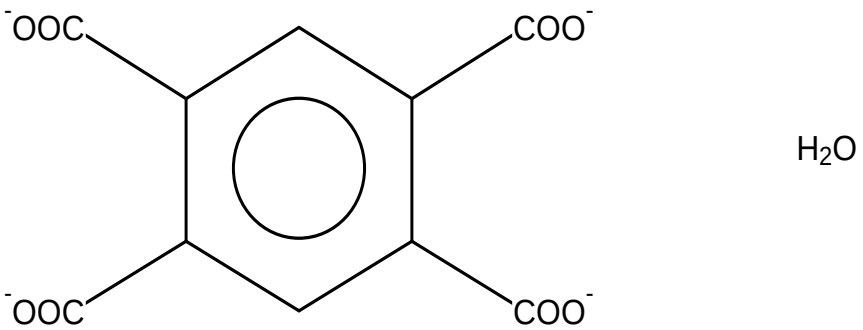
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})2n,n(C_{10}\ H_2\ O_8\ ^{4-}),2n(H_2\ O_1)$

Compound Name: catena-[bis((μ$_2$-4,4'-Bipyridine-κ^{2}N:N')-tetraaqua-cobalt(ii)) benzene-1,2,4,5-tetracarboxylate dihydrate]

Space Group:	C2/c	***Cell:***	***a***	20.091(0)	***b***	11.347(0)	***c*** 15.641(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.48(0)	γ 90.00

R-Factor (%): 4.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.610





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2451

UFAYEF01

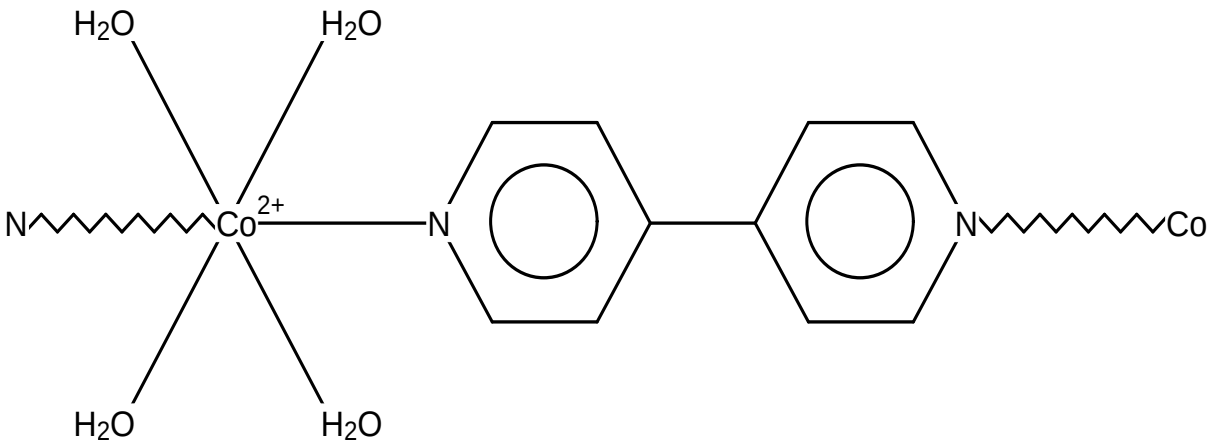
Reference: A.Majumder, V.Gramlich, G.M.Rosair, S.R.Batten, J.D.Masuda, M.S.El Fallah, J.Ribas, J.-P.Sutter, C.Desplanches, S.Mitra (2006) *Cryst.Growth Des.* ,**6,**2355

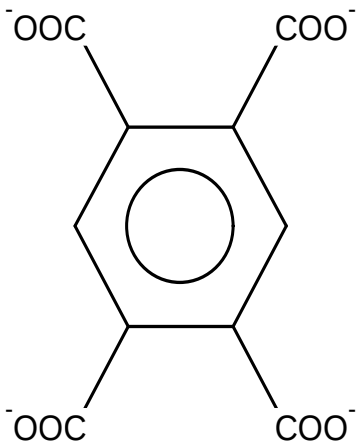
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})2n,n(C_{10}\ H_2\ O_8\ ^{4-}),2n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii)) benzene-1,2,4,5-tetracarboxylate dihydrate)

Space Group:	C2/c	***Cell:***	***a***	20.078(4)	***b***	11.349(2)	***c*** 15.609(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.33(3)	γ 90.00

R-Factor (%): 7.39 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.614





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2452

UFEYUA

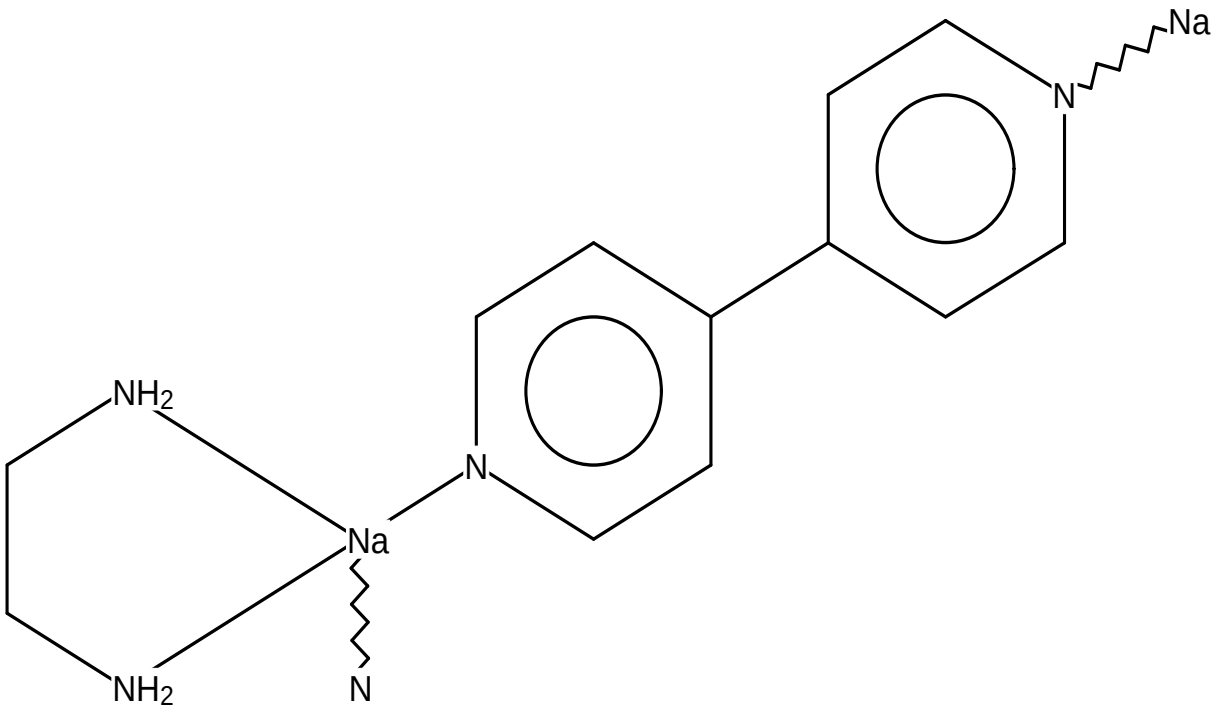
Reference: M.S.Denning, M.Irwin, J.M.Goicoechea (2008)
*Inorg.Chem. ,***47,**6118

Formula: $(C_{12}\ H_{16}\ N_4\ Na_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(ethylenediamine)-sodium)

Space Group:	C2/c	***Cell:***	***a***	13.404(0)	***b***	9.771(0)	***c***	10.394(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	109.62(0)	γ	90.00

R-Factor (%): 4.29 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.239



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2453

UFEZAH

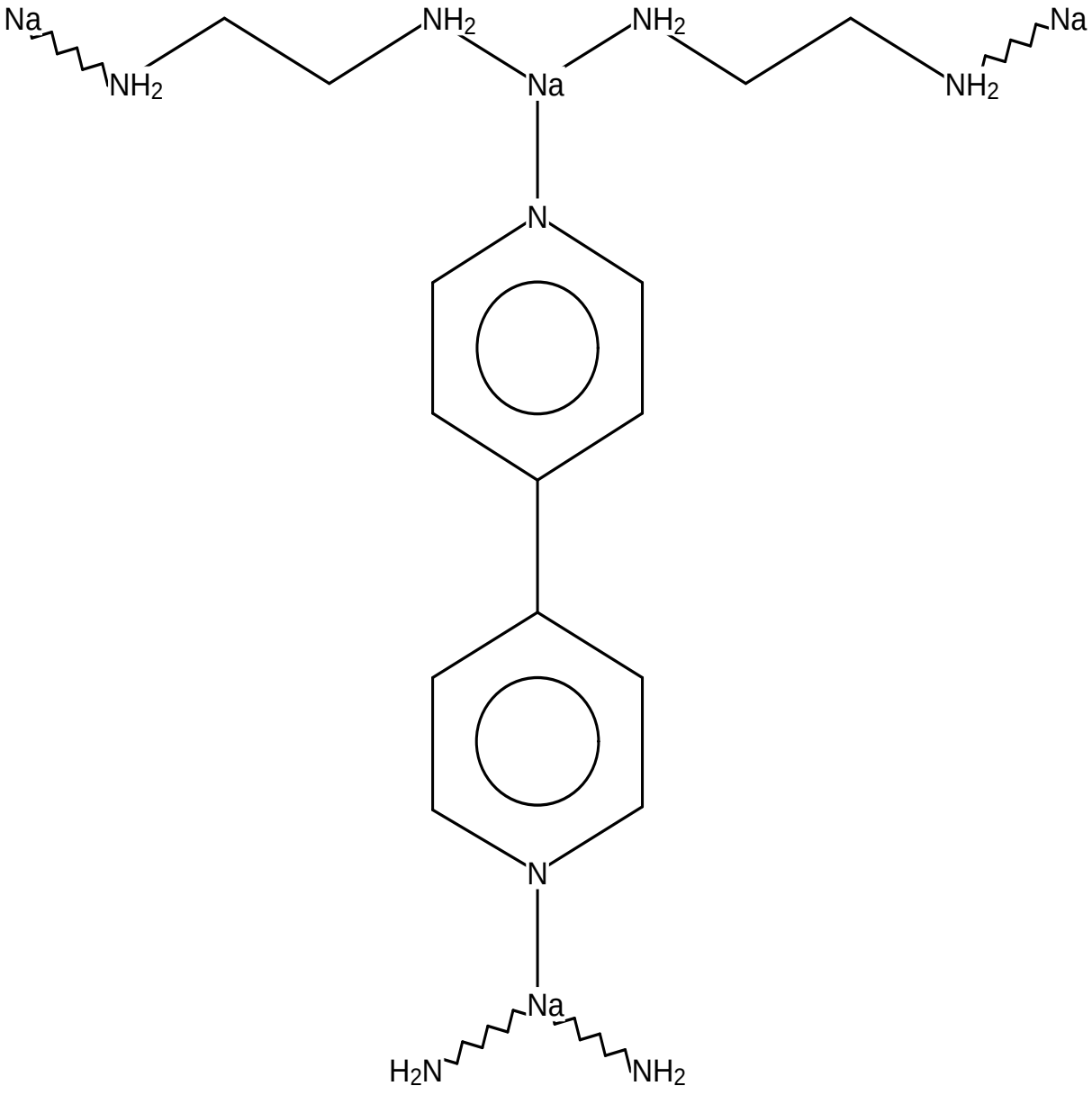
Reference: M.S.Denning, M.Irwin, J.M.Goicoechea (2008)
*Inorg.Chem. ,***47,**6118

Formula: $(C_{14}\ H_{24}\ N_6\ Na_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-ethylenediamine)-di-sodium)

Space Group:	Pnma	***Cell:***	***a***	15.184(0)	***b***	13.077(0)	***c***	8.346(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.29 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.292



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2454

UFEZAH01

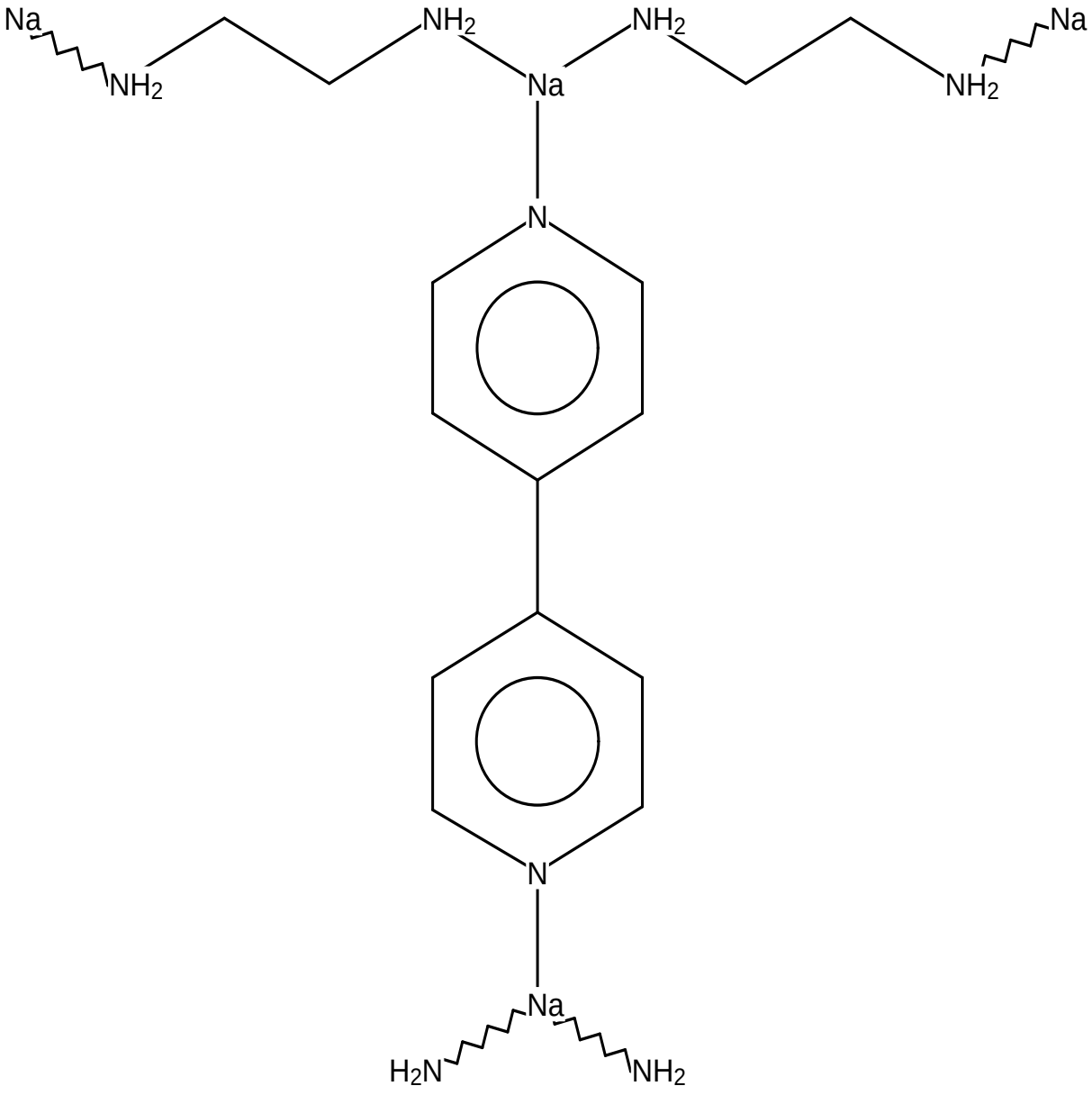
Reference: M.S.Denning, M.Irwin, J.M.Goicoechea (2008)
*Inorg.Chem. ,***47,**6118

Formula: $(C_{14}\ H_{24}\ N_6\ Na_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-ethylenediamine)-di-sodium)

Space Group:	Cmca	***Cell:***	***a***	13.265(0)	***b***	15.240(0)	***c***	8.364(0)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.88 ***Temperature(K):*** 250 ***Density(g/cm^3):*** 1.266



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2455

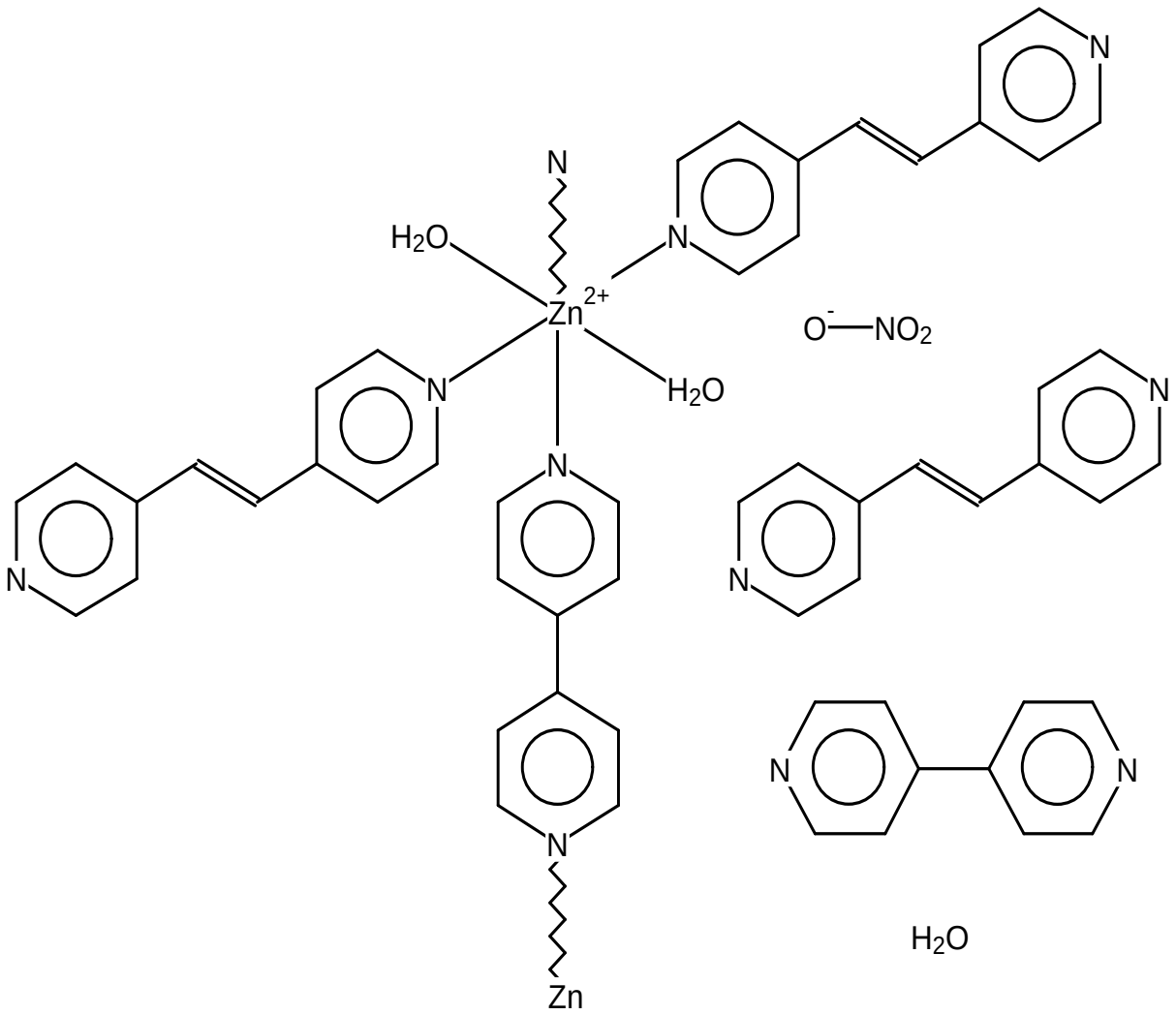
UFOGIF

Reference: J.Y.Lu, K.A.Runnels, C.Norman (2001) *Inorg.Chem.* ,**40,** 4516

Formula: $(C_{34}\ H_{32}\ N_6\ O_2\ Zn_1\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),1.75n(C_{12}\ H_{10}\ N_2),0.25n(C_{10}\ H_8\ N_2),4.45n(H_2\ O$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(1,2-bis(pyrid-4-yl)ethene)-zinc dinitrate 4,4'-bipyridyl 1,2-bis(pyrid-4-yl)ethene solvate hydrate)

Space Group:	Cc	***Cell:***	***a***	17.929(1)	***b***	11.459(1)	***c*** 28.581(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	98.40(0)	γ 90.00
R-Factor (%):	3.05	***Temperature(K):***	223		***Density(g/cm^3):***		1.354



Search: search1 (Thu May 26 10:05:42 2011): Hit 2456

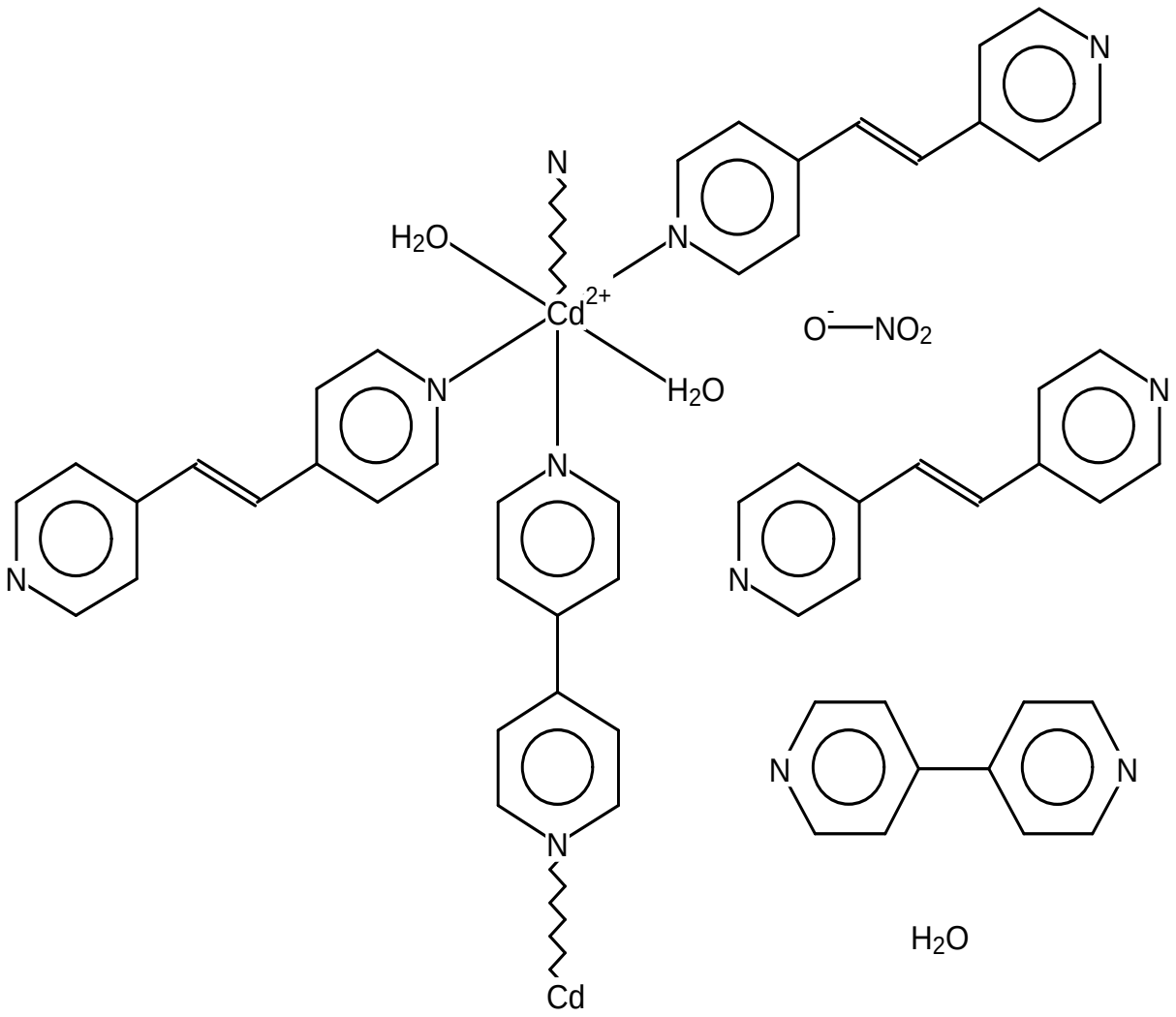
UFOGOL

Reference: J.Y.Lu, K.A.Runnels, C.Norman (2001) *Inorg.Chem.* ,**40,** 4516

Formula: $(C_{34}\ H_{32}\ Cd_1\ N_6\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),1.75n(C_{12}\ H_{10}\ N_2),0.25n(C_{10}\ H_8\ N_2),4.45n(H_2\ O$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(1,2-bis(pyrid-4-yl)ethene)-cadmium dinitrate 4,4'-bipyridyl 1,2-bis(pyrid-4-yl)ethene solvate hydrate)

Space Group:	Cc	***Cell:***	***a***	17.848(9)	***b***	11.733(9)	***c*** 28.936(9)
Space Group No.:	9	***(Å,°)***	α	90.00	β	98.48(2)	γ 90.00
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		1.364



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2457

UFOMUY

Reference: Xun Feng, Cheng-Zhi Xie, Li-Ya Wang, Yu-Fang Wang, Lu-Fang Ma (2008) *J.Chem.Cryst.* ,**38,**619

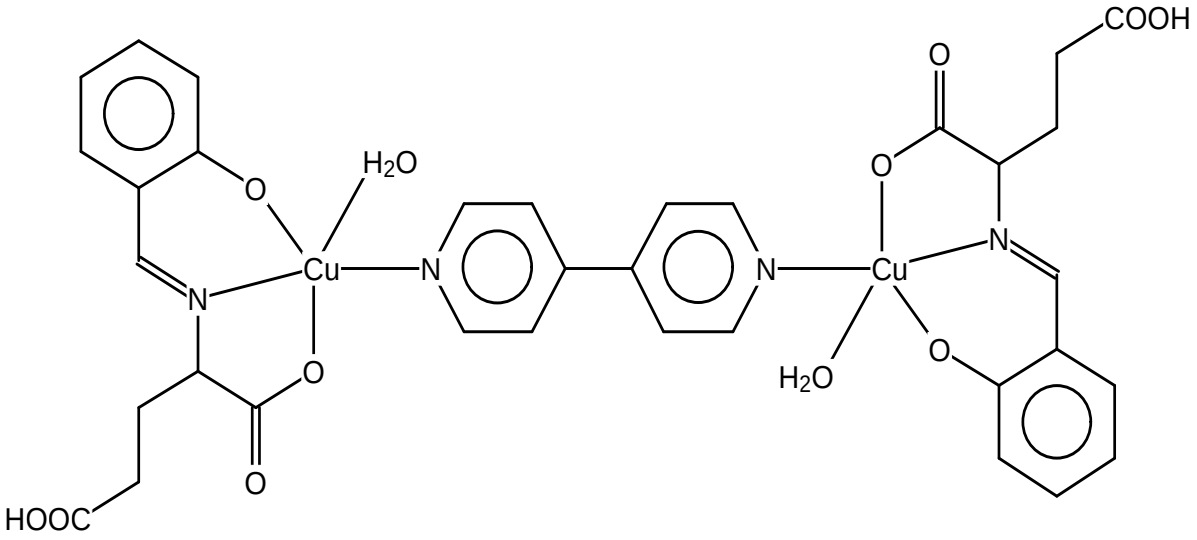
Formula: $C_{34}\ H_{34}\ Cu_2\ N_4\ O_{12}$,2($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(hydrogen 2-(((2-oxyphenyl) methylene)amino)pentanedioate-N,O,O')-di-copper(ii) dihydrate

Synonym: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(hydrogen salicylaldehyde L-glutamate-N,O,O')-di-copper(ii) dihydrate

Space Group:	P-1	***Cell:***	***a***	9.620(1)	***b***	9.911(1)	***c***	9.917(1)
Space Group No.:	2	***(Å,°)***	α	82.91(0)	β	78.24(0)	γ	76.24(0)

R-Factor (%): 3.68 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.582



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2458

UFOSIS

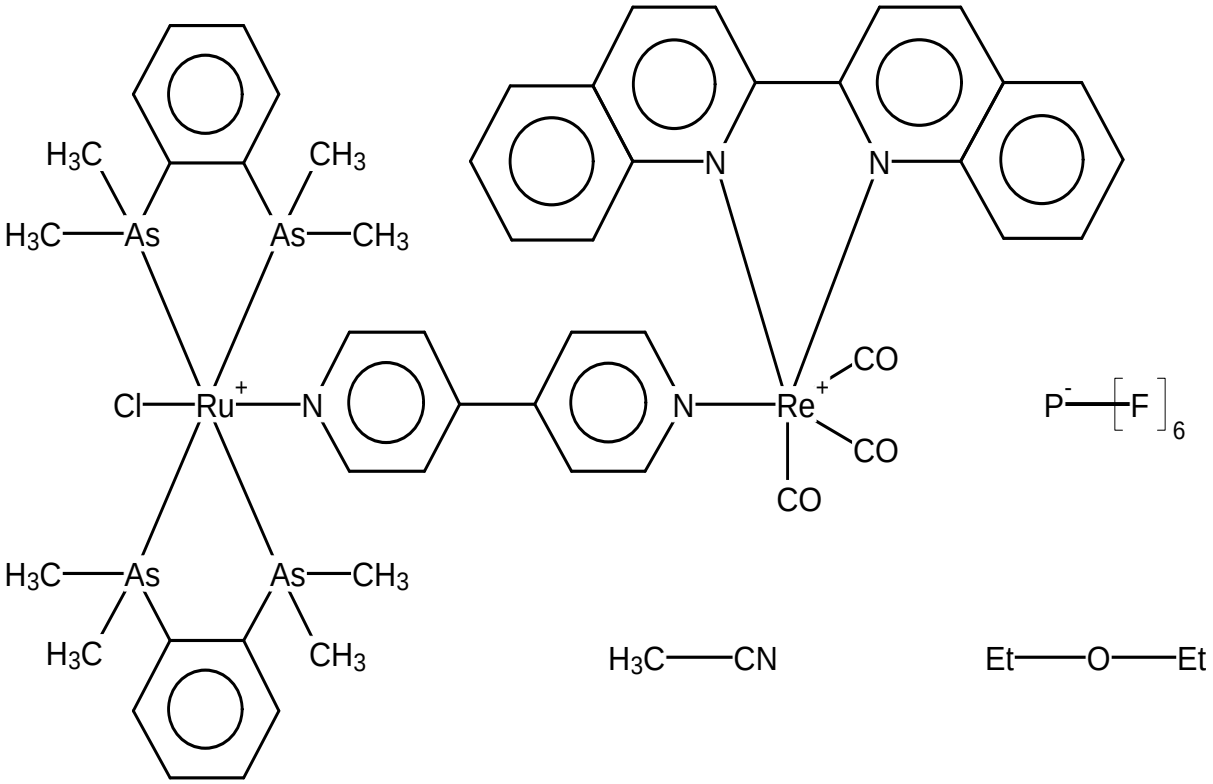
Reference: B.J.Coe, E.C.Fitzgerald, M.Helliwell, B.S.Brunschwig, A.G.Fitch, J.A.Harris, S.J.Coles, P.N.Horton, M.B.Hursthouse (2008) *Organometallics ,***27,**2730

Formula: $C_{51}\ H_{52}\ As_4\ Cl_1\ N_4\ O_3\ Re_1\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-}),C_2\ H_3\ N_1,C_4\ H_{10}\ O_1$

Compound Name: trans,fac-(μ_2-4,4'-Bipyridine)-tricarbonyl-chloro-(2,2'-biquinolinyl)-bis(1,2-phenylene-bis(dimethylarsine))-rhenium(i)-ruthenium(ii) bis(hexafluorophosphate) acetonitrile diethyl ether solvate

Space Group:	C2/c	***Cell:***	***a***	37.219(7)	***b***	9.313(1)	***c*** 38.793(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.11(3)	γ 90.00

R-Factor (%): 6.99 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.785



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2459

UFOSUE

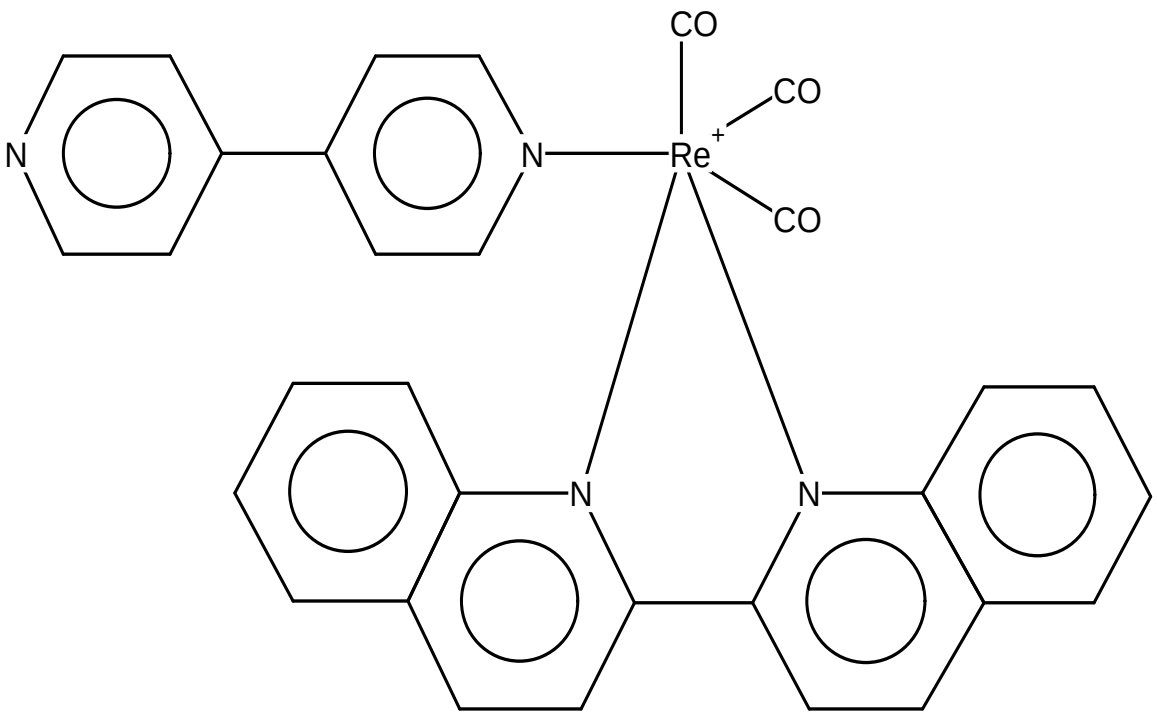
Reference: B.J.Coe, E.C.Fitzgerald, M.Helliwell, B.S.Brunschwig, A.G.Fitch, J.A.Harris, S.J.Coles, P.N.Horton, M.B.Hursthouse (2008) *Organometallics ,***27,**2730

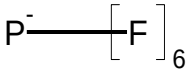
Formula: $C_{31}\ H_{20}\ N_4\ O_3\ Re_1\ ^{1+},F_6\ P_1\ ^{1-},C_4\ H_{10}\ O_1$

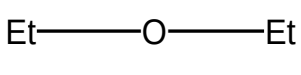
Compound Name: fac-Tricarbonyl-(2,2'-biquinolinyl)-(4,4'-bipyridine)-rhenium(i) hexafluorophosphate diethyl ether solvate

Space Group:	P-1	***Cell:***	***a***	9.452(0)	***b***	13.624(0)	***c*** 14.620(0)
Space Group No.:	2	***(Å,°)***	α	109.98(0)	β	95.17(0)	γ 100.56(0)

R-Factor (%): 2.27 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.746







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2460

UFUNOY

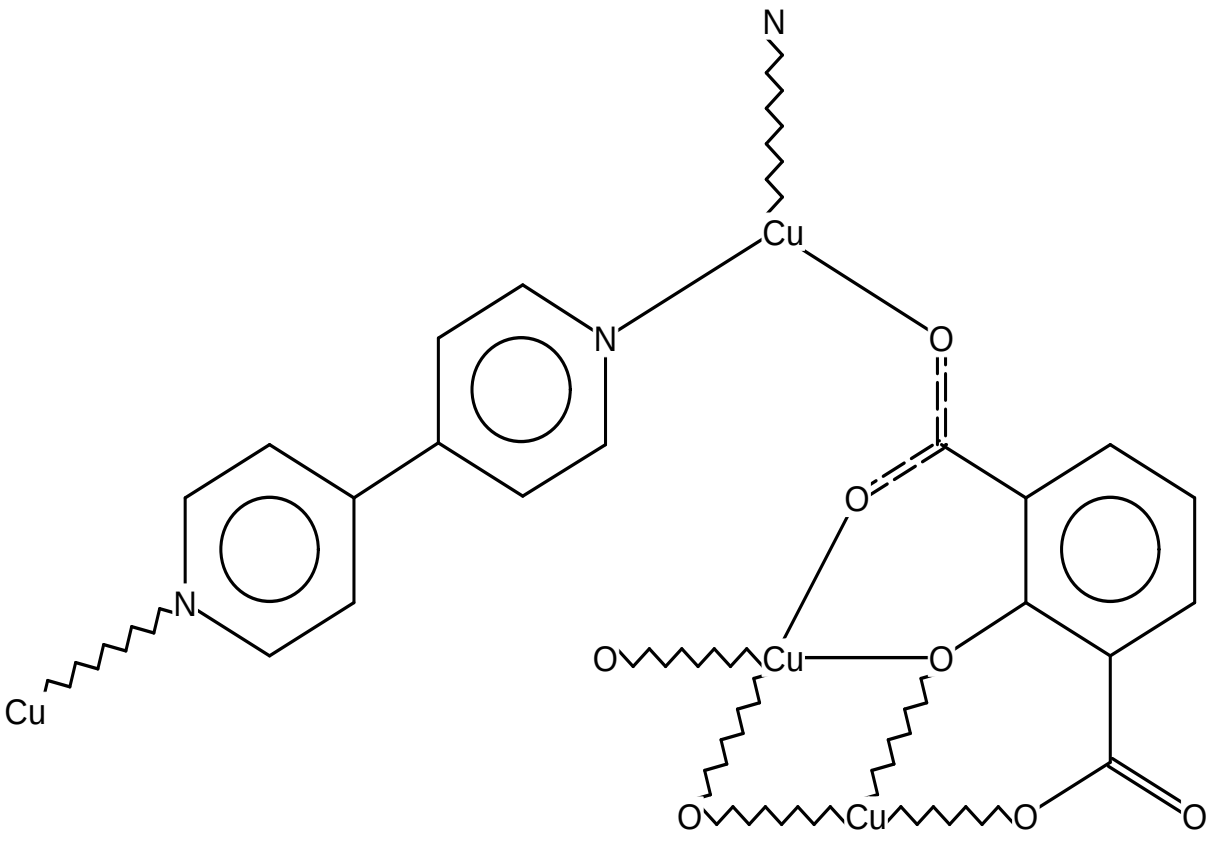
Reference: Jun Tao, Yong Zhang, Ming-Liang Tong, Xiao-Ming Chen, Tan Yuen, C.L.Lin, Xiaoying Huang, Jing Li (2002) *Chem.Commun.* , 1342

Formula: $(C_{18}\ H_{11}\ Cu_2\ N_2\ O_5)n$

Compound Name: catena-((μ_3-2-Hydroxyisophthalato-O,O,O',O'',O''')-(μ_2-4,4'-bipyridyl)-di-copper(i,ii))

Space Group:	P21/n	***Cell:***	***a***	5.331(1)	***b***	22.863(7)	***c*** 13.088(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.54	γ 90.00

R-Factor (%): 5.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.926



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2461

UFUQIV

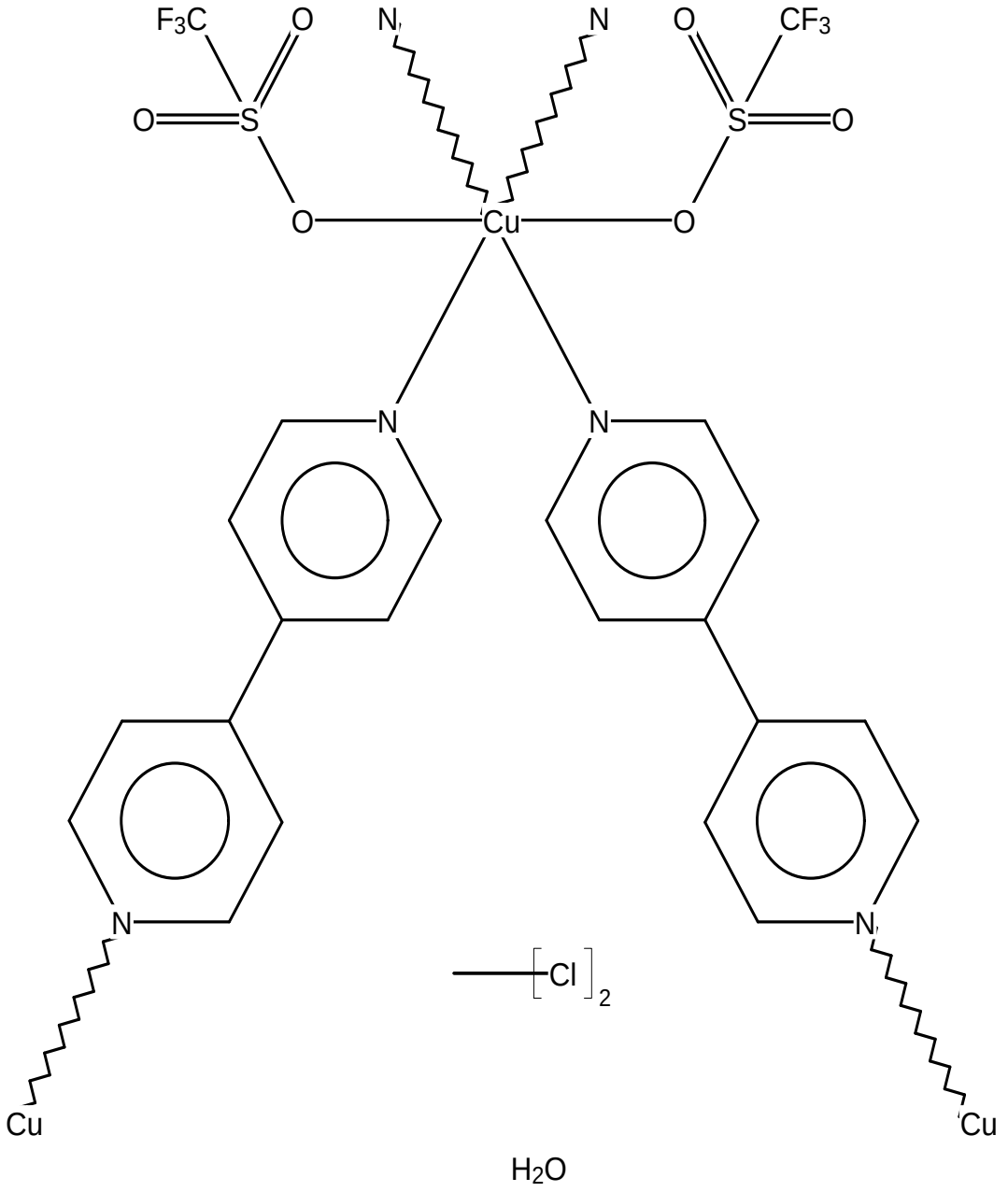
Reference: L.Carlucci, N.Cozzi, G.Ciani, M.Moret, D.M.Proserpio, S.Rizzato (2002) *Chem.Commun.* ,1354

Formula: $(C_{22}\ H_{16}\ Cu_1\ F_6\ N_4\ O_6\ S_2)n,2n(C_1\ H_2\ Cl_2),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(trifluoromethanesulfonato)-copper(ii) dichloromethane clathrate monohydrate)

Space Group:	I41/acd	***Cell:***	***a***	28.484(8)	***b***	28.484(8)	***c***	18.219(7)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.26 ***Temperature(K):*** 203 ***Density(g/cm^3):*** 1.549



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2462

UGADIQ

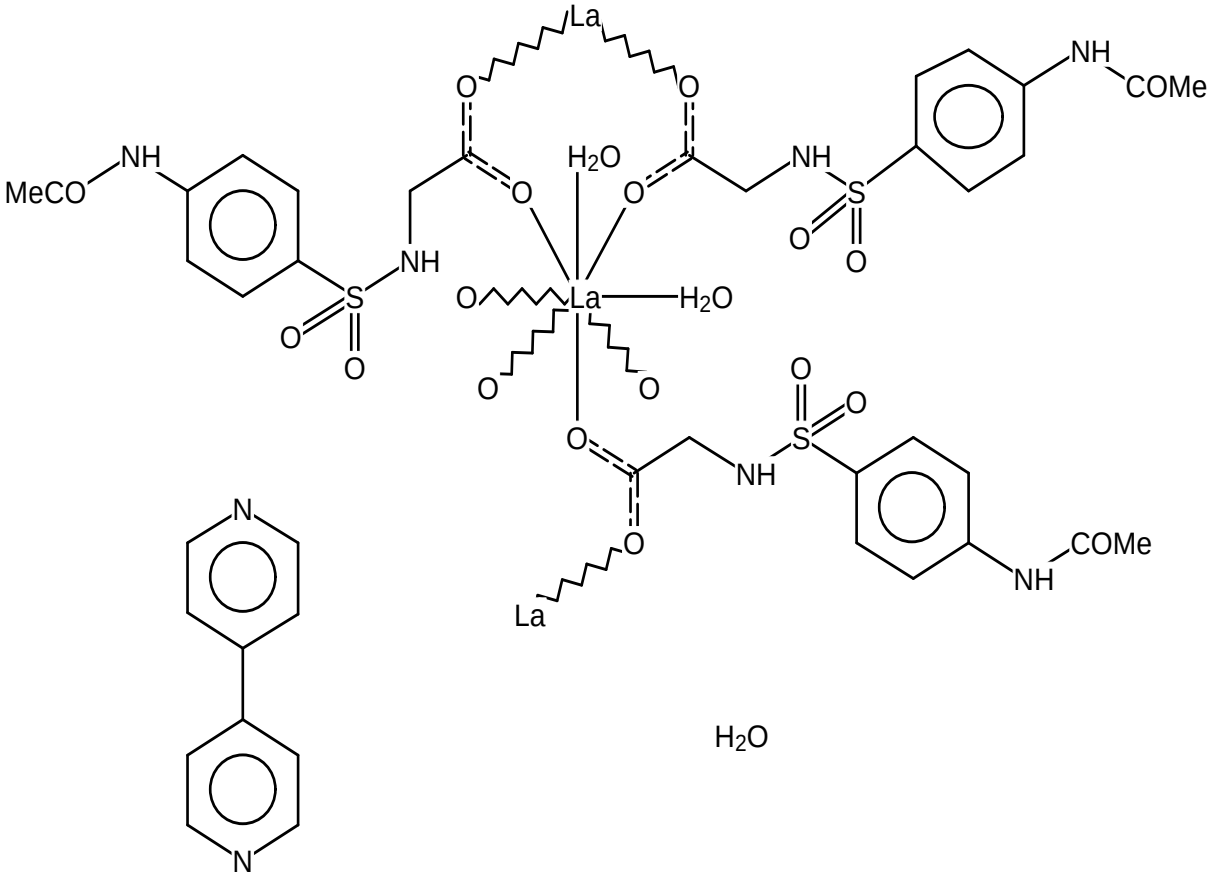
Reference: Jian-Ge Wang, Jian-Hua Qin (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m1364

Formula: $(C_{30}\ H_{37}\ La_1\ N_6\ O_{17}\ S_3)n,n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-[tris(μ_2-N-(4-acetamidophenylsulfonyl)glycinato)-diaqua-lanthanum(iii) 4,4'-bipyridine solvate heptahydrate]

Space Group:	P-1	***Cell:***	***a***	9.638(0)	***b*** 16.959(1)	***c***	17.601(1)
Space Group No.:	2	***(Å,°)***	α	99.97(0)	β 105.76(0)	γ	93.69(0)

R-Factor (%): 3.15 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.559



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2463

UGAPOI

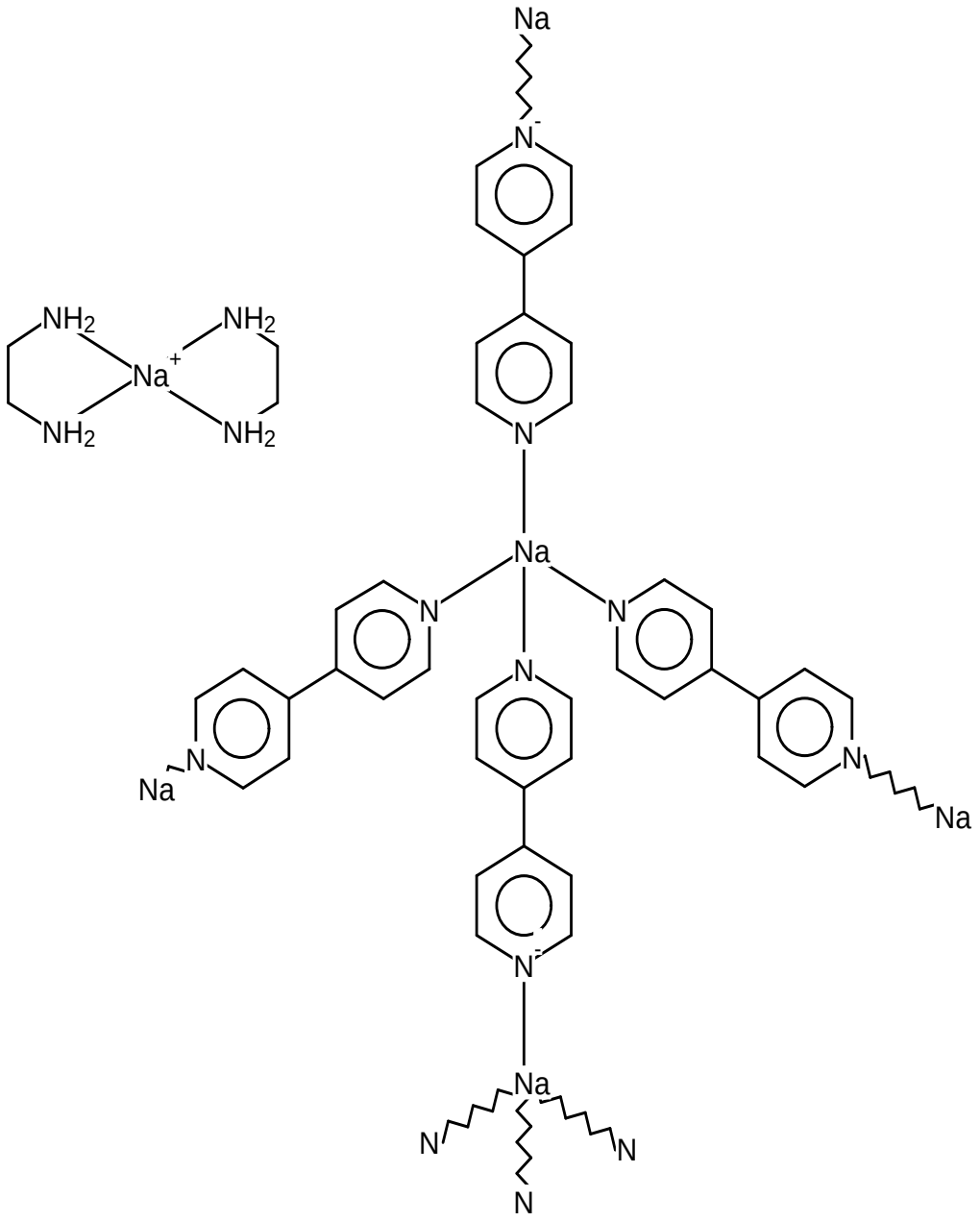
Reference: M.S.Denning, M.Irwin, J.M.Goicoechea (2008) *Inorg.Chem. ,***47,**6118

Formula: $(C_4 H_{16} N_4 Na_1)^{1+}2n,n(C_{40} H_{32} N_8 Na_2)^{2-}$

Compound Name: catena-(bis(bis(Ethylenediamine)-sodium) tetrakis(μ_2-4,4'-bipyridine)-di-sodium)

Space Group:	P21/c	***Cell:***	***a***	9.753(0)	***b*** 16.194(0)	***c***	17.275(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.76(0)	γ	90.00

R-Factor (%): 4.36 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.205



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2464

UGETOQ

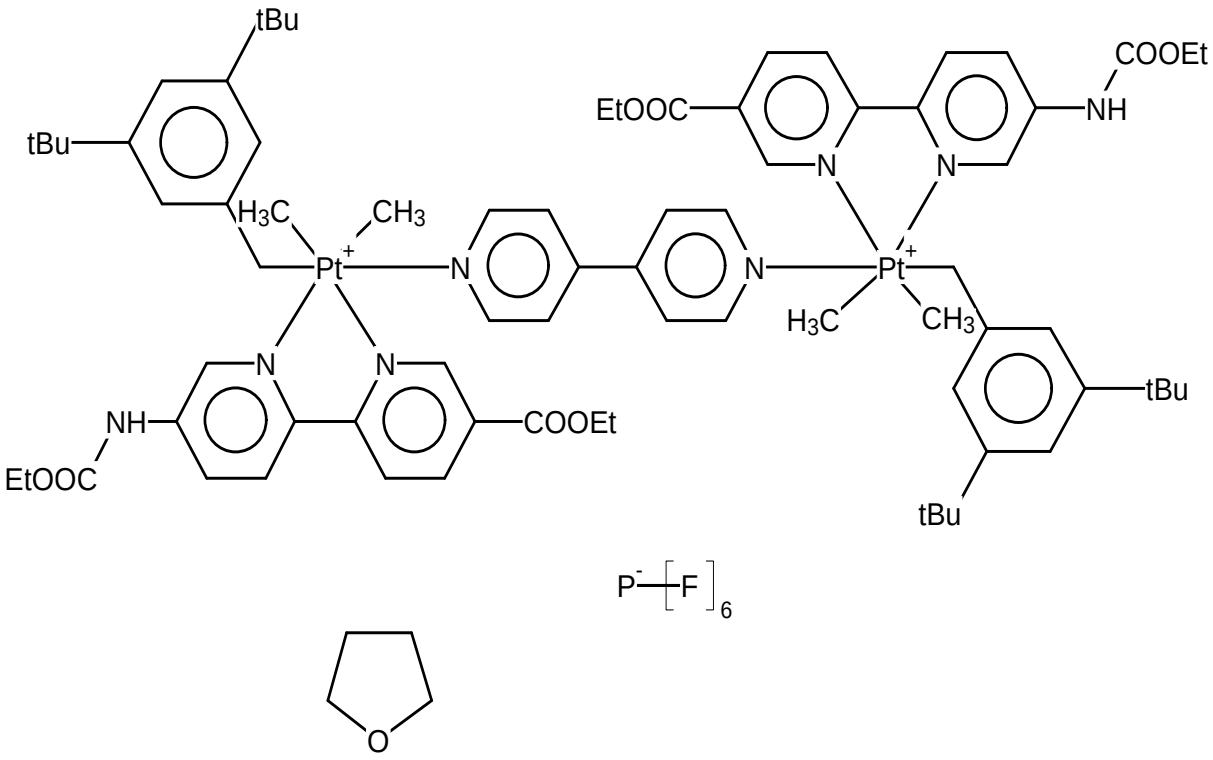
Reference: R.H.W.Au, M.C.Jennings, R.J.Puddephatt (2009) *Organometallics* ,**28,**3754

Formula: $C_{76}\ H_{100}\ N_8\ O_8\ Pt_2\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),4($C_4\ H_8\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis((3,5-di-t-butylbenzyl)-(ethyl 5'-((ethoxycarbonyl) amino)-2,2'-bipyridine-5-carboxylate-N,N'))-(tetramethyl)-di-platinum(iv) bis(hexafluorophosphate) tetrahydrofuran solvate

Space Group:	P-1	***Cell:***	***a***	11.464(0)	***b***	15.153(1)	***c***	16.140(1)
Space Group No.:	2	***(Å,°)***	α	68.50(0)	β	87.71(0)	γ	70.74(0)

R-Factor (%): 5.72 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.505



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2465

UGEZOW

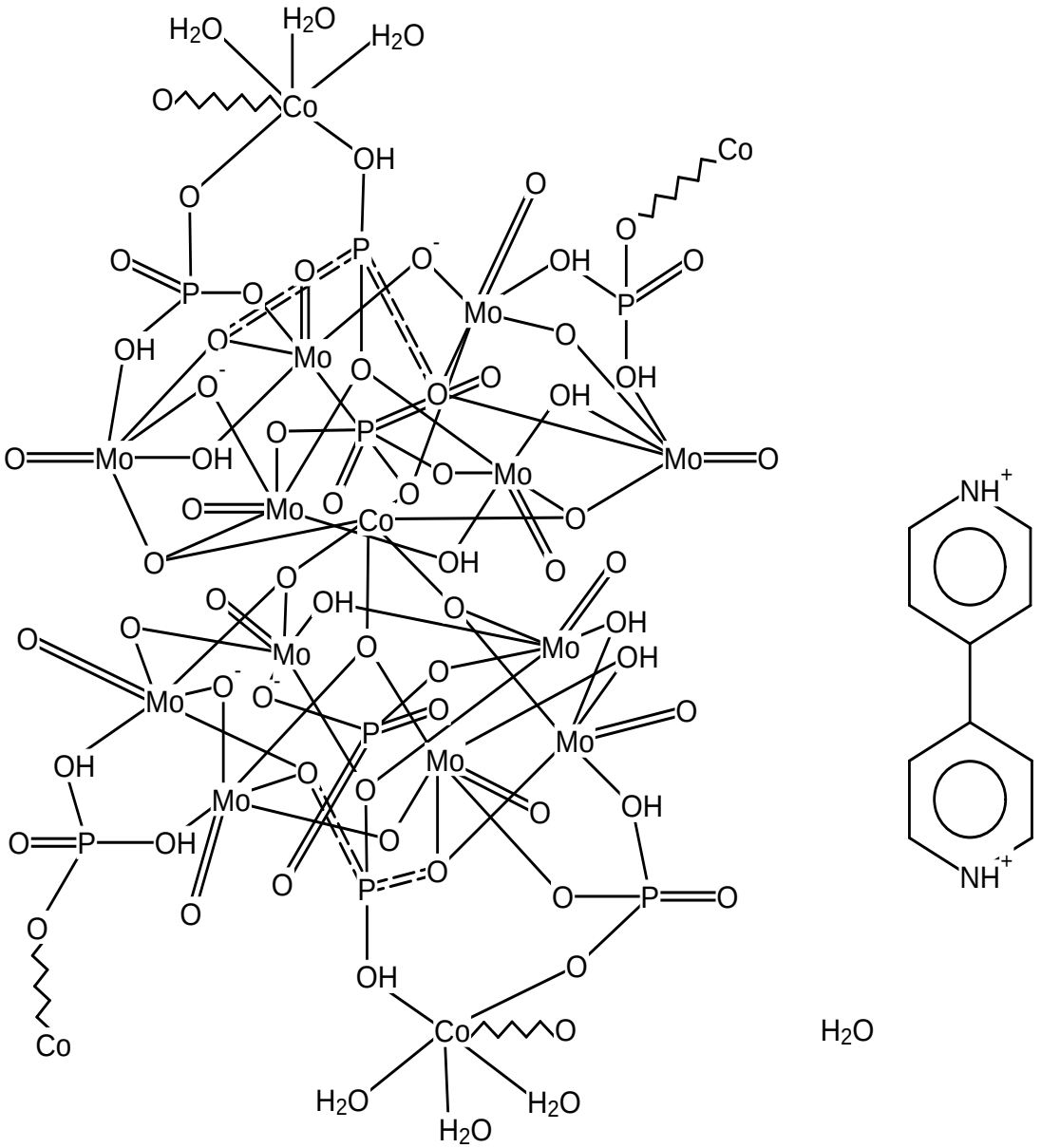
Reference: Xin-Xin Xu, Xia Zhang, Xiao-Xia Liu, Ting Sun, Yu-Hong Wang (2009) *Transition Met.Chem. ,***34,**571

Formula: $(H_{26}\ Co_3\ Mo_{12}\ O_{68}\ P_8\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),15n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) bis((μ7-hydrogen phosphato)-(μ3-hydrogen phosphato)-(μ3-dihydrogen phosphato))-hexakis((μ3-oxo)-(μ2-hydroxo))-bis(μ2-phosphato)-hexakis(μ2-oxo)-hexa-aqua-dodecaoxo-tri-cobalt-dodeca-molybdenum pentadecahydrate)

Space Group:	P-1	***Cell:***	***a***	12.511(3)	***b***	14.153(3)	***c***	14.364(3)
Space Group No.:	2	***(Å,°)***	α	61.28(3)	β	71.38(3)	γ	75.80(3)

R-Factor (%): 4.34 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.590



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2466

UGIFOF

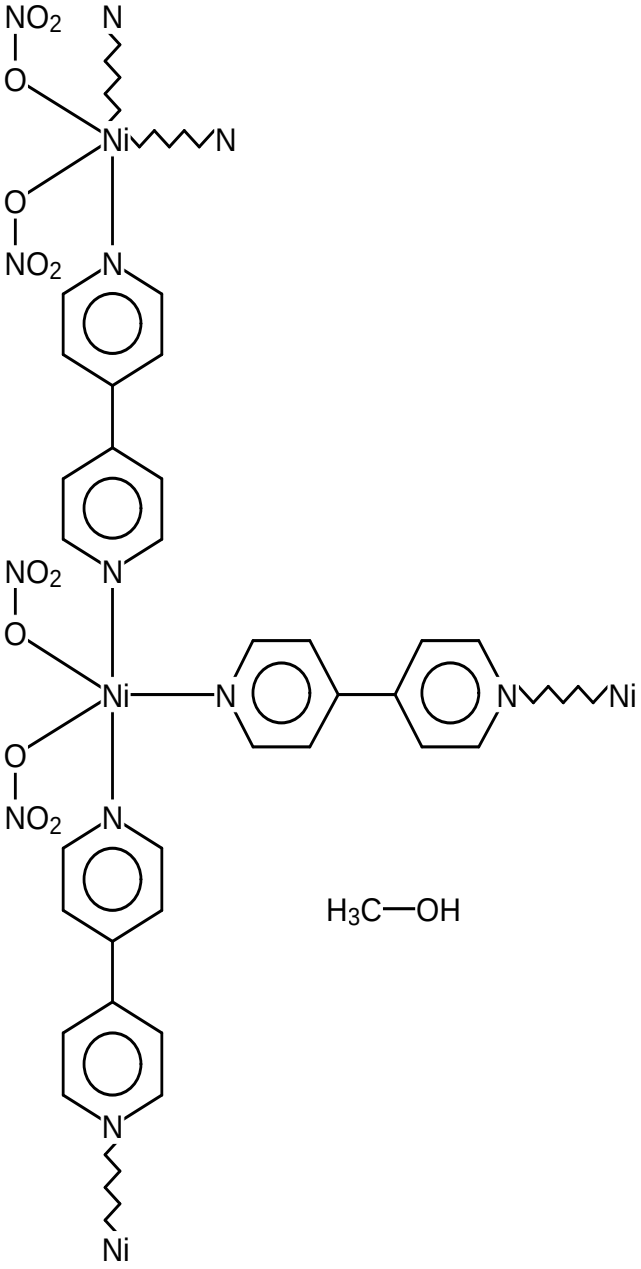
Reference: E.J.Cussen, J.B.Claridge, M.J.Rosseinsky, C.J.Kepert (2002) *J.Am.Chem.Soc.* ,**124,**9574

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel methanol solvate)

Space Group:	Fddd	***Cell:***	***a*** 11.266(1)	***b*** 20.517(4)	***c*** 34.413(7)
Space Group No.:	70	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 5.08 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.500



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2467

UGIFOF01

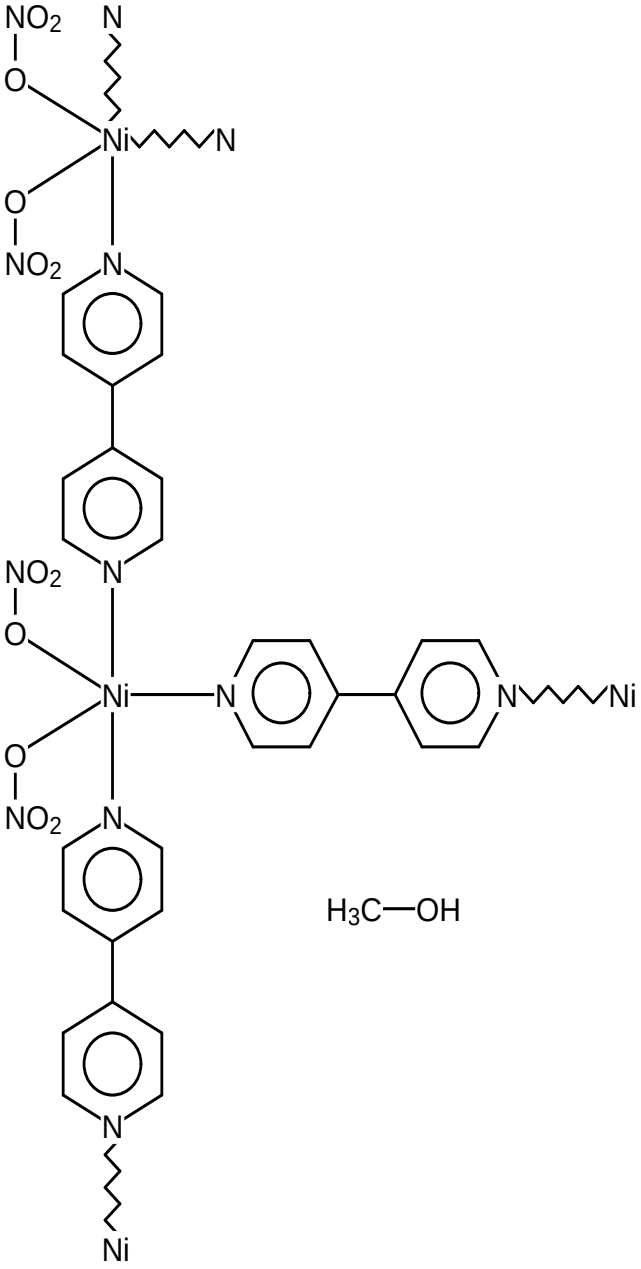
Reference: A.J.Fletcher, E.J.Cussen, D.Bradshaw, M.J.Rosseinsky, K.M.Thomas (2004) *J.Am.Chem.Soc.* ,**126,**9750

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel methanol solvate)

Space Group:	Fddd	***Cell:***	***a***	11.266(1)	***b***	20.517(4)	***c***	34.413(7)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.04 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.500



Search: search1 (Thu May 26 10:05:42 2011): Hit 2468

UGIFOF02

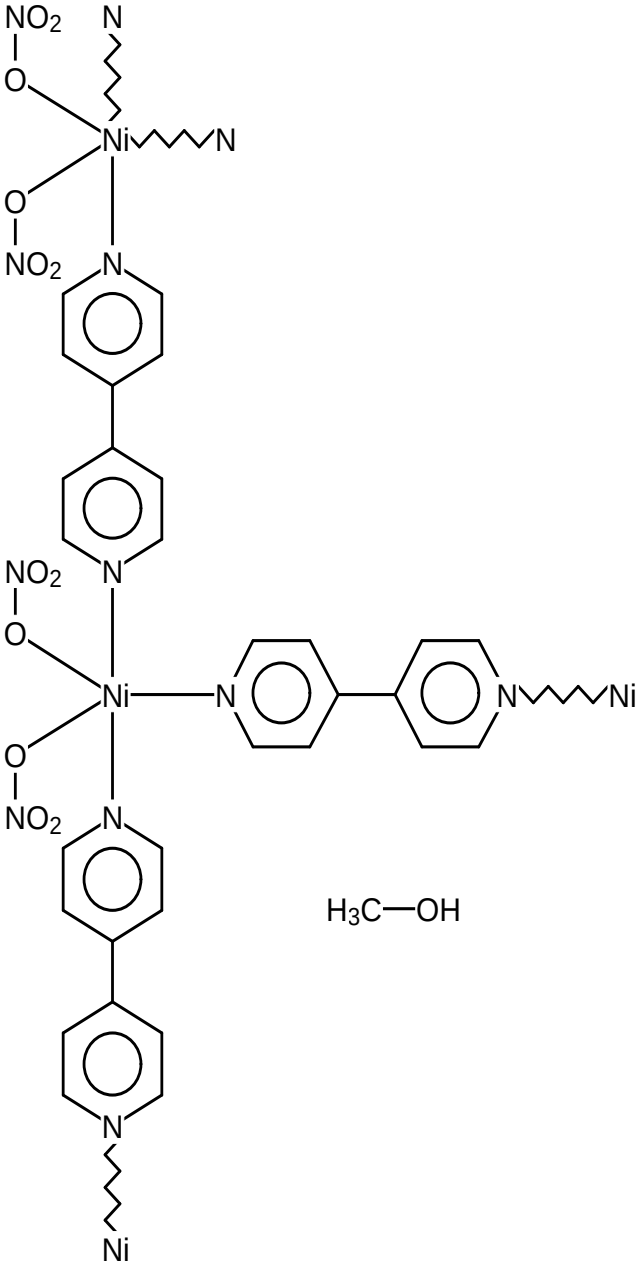
Reference: Xuebo Zhao, Bo Xiao, A.J.Fletcher, K.M.Thomas, D.Bradshaw, M.J.Rosseinsky (2004) *Science* ,**306,**1012

Formula: $(C_{30}\ H_{24}\ N_{10}\ Ni_2\ O_{12})n,2n(C_1\ H_4\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-tetrakis(nitrato-O)-di-nickel methanol solvate)

Space Group:	Fddd	***Cell:***	***a***	11.266(1)	***b***	20.517(4)	***c***	34.413(7)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.04 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.500



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2469

UGOKIK

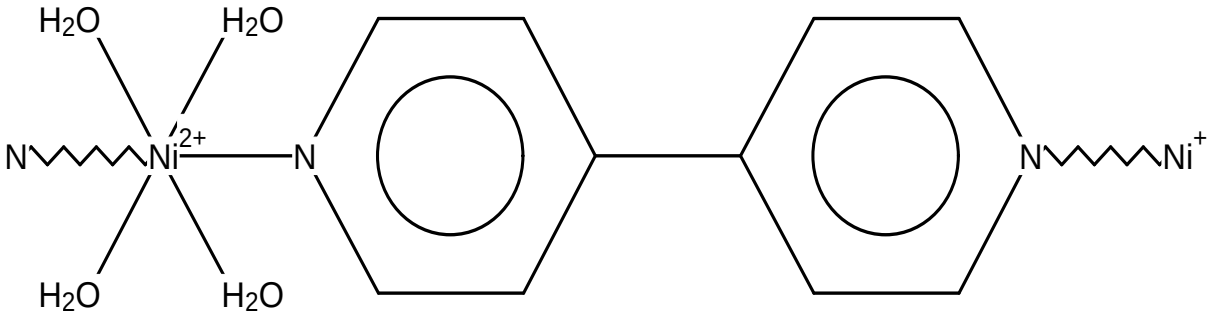
Reference: Yue-Qing Zheng, Zu-Ping Kong, Jian-Li Lin (2002)
*Z.Kristallogr.-New Cryst.Struct. ,***217,**195

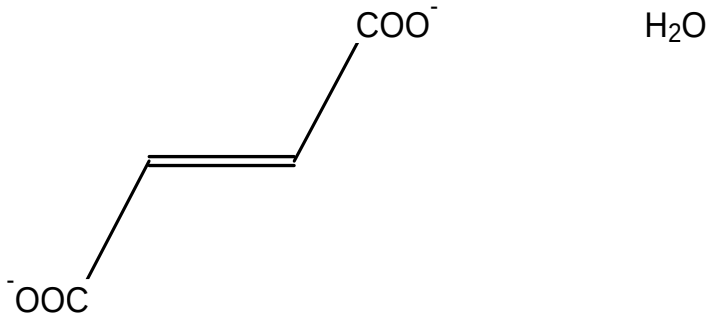
Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(Tetraaqua-(μ_2-4,4'-bipyridine-N,N')-nickel(ii) fumarate tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	16.952(2)	***b*** 11.285(1)	***c***	13.025(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 126.65(0)	γ	90.00

R-Factor (%): 4.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.572





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2470

UGUGAF

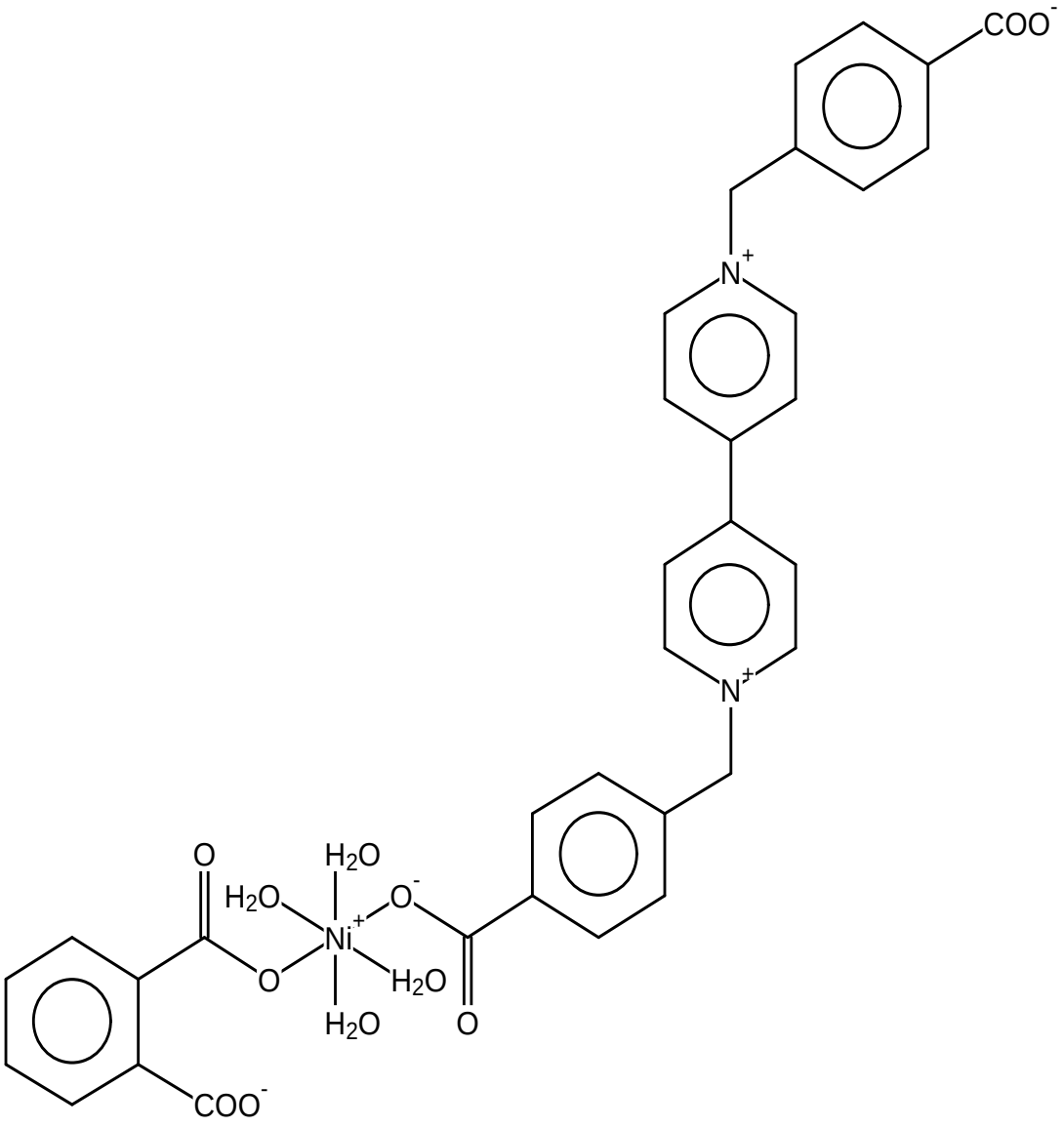
Reference: Qing-Xia Yao, Xu-Hui Jin, Zhan-Feng Ju, Hai-Xia Zhang, Jie Zhang (2009) *CrystEngComm ,***11,**1502

Formula: $C_{34}\ H_{32}\ N_2\ Ni_1\ O_{12}$,9($H_2\ O_1$)

Compound Name: cis-Tetra-aqua-(1,1'-bis(4-carboxylatobenzyl)-4,4'-bipyridinium-O,O')-(phthalato-O)-nickel nonahydrate

Space Group:	P21/c	***Cell:***	***a***	13.087(4)	***b***	23.552(6)	***c***	13.954(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.01(0)	γ	90.00

R-Factor (%): 7.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.372



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2471

UGUSUL

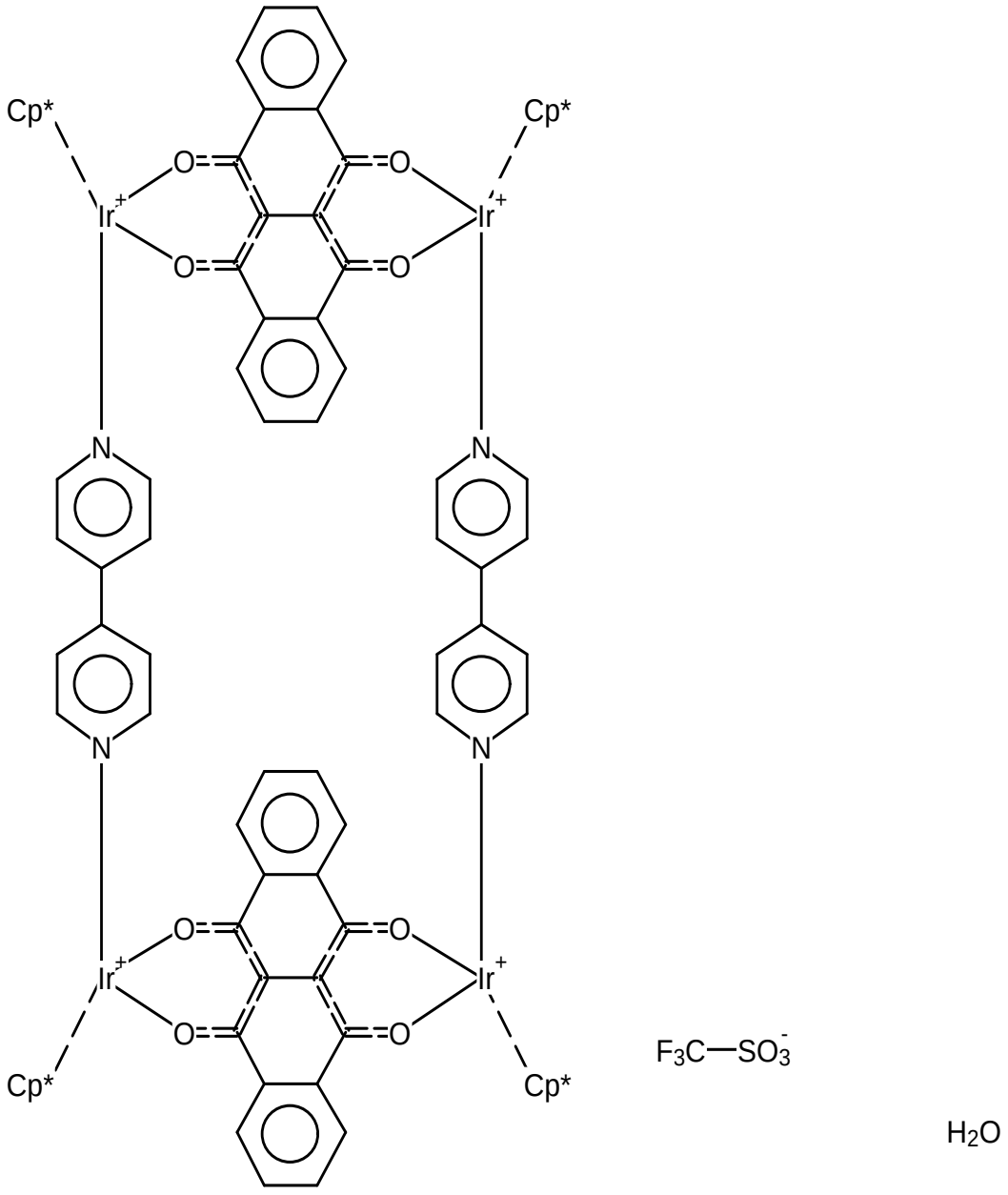
Reference: Ying-Feng Han, Wei-Guo Jia, Yue-Jian Lin, Guo-Xin Jin (2009) *Angew.Chem.,Int.Ed. ,***48,**6234

Formula: $C_{96}\ H_{92}\ Ir_4\ N_4\ O_8\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),4($H_2\ O_1$)

Compound Name: bis(μ_2-6,11-Dioxynaphthacene-5,12-dionato-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-tetrakis(η^5-pentamethyl-cyclopentadienyl)-tetra-iridium tetrakis(trifluoromethanesulfonate) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	12.834(5)	***b***	16.026(7)	***c***	16.992(7)
Space Group No.:	2	***(Å,°)***	α	72.39(0)	β	79.83(0)	γ	66.76(0)

R-Factor (%): 6.58 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.559



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2472

UHAVIJ

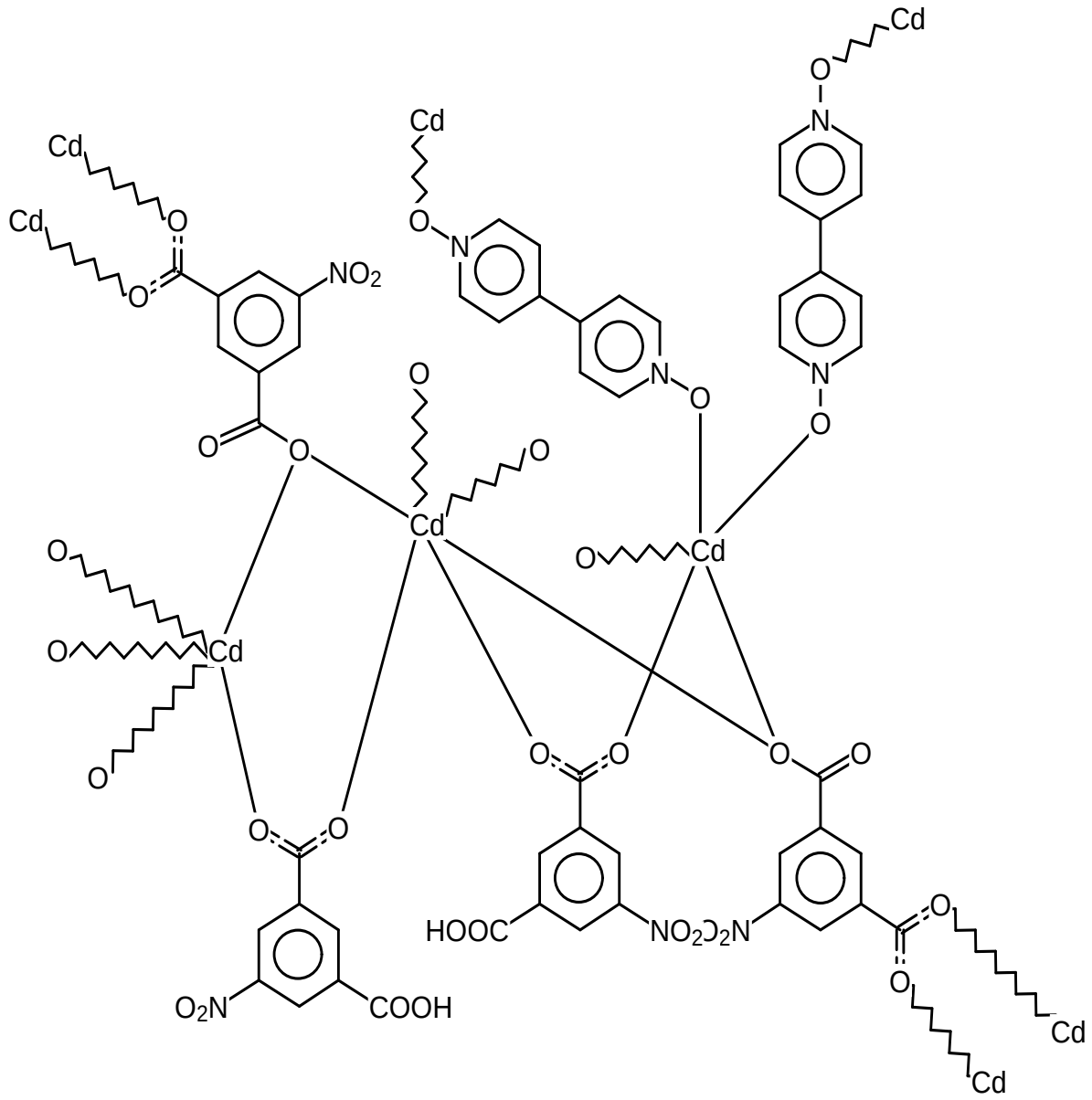
Reference: Dong-E Wang, Ke-Jian Deng, Kang-Le Lv, Cheng-Gang Wang, Li-Li Wen, Dong-Feng Li (2009) *CrystEngComm* , **11,**1442

Formula: $(C_{52}\ H_{30}\ Cd_3\ N_8\ O_{28})n$

Compound Name: catena-(bis((μ4-5-Nitrobenzene-1,3-dicarboxylato)-(μ2-5-nitro-3-carboxybenzoato-O,O')-(μ2-4,4'-bipyridine-N,N'-dioxide-O,O'))-tri-cadmium(ii))

Space Group:	P-1	***Cell:***	***a***	9.867(1)	***b***	11.898(1)	***c*** 12.750(1)
Space Group No.:	2	***(Å,°)***	α	116.91(0)	β	92.96(0)	γ 93.92(0)

R-Factor (%): 4.24 ***Temperature(K):*** 295 ***Density(g/cm3):*** 1.944



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2473

UHAVOP

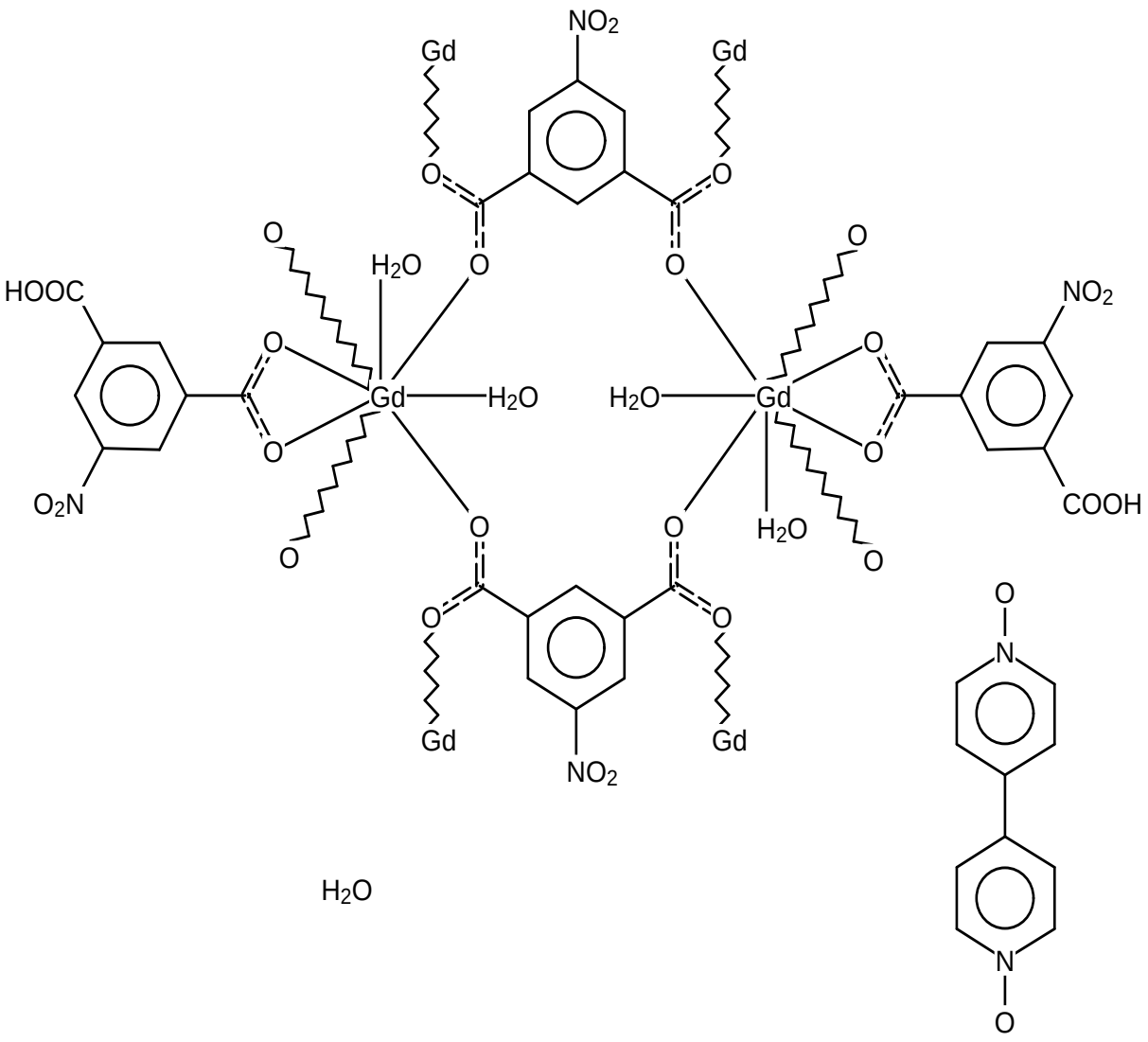
Reference: Dong-E Wang, Ke-Jian Deng, Kang-Le Lv, Cheng-Gang Wang, Li-Li Wen, Dong-Feng Li (2009) *CrystEngComm* , **11,**1442

Formula: $(C_{32}\ H_{22}\ Gd_2\ N_4\ O_{28})n,n(C_{10}\ H_8\ N_2\ O_2),4n(H_2\ O_1)$

Compound Name: catena-(bis((μ4-5-Nitrobenzene-1,3-dicarboxylato)-(5-nitro-3-carboxybenzoato-O,O'))-tetra-aqua-di-gadolinium 4,4'-bipyridine-N,N'-dioxide tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.948(0)	***b***	10.788(1)	***c***	13.868(1)
Space Group No.:	2	***(Å,°)***	α	92.91(0)	β	108.76(0)	γ	117.28(0)

R-Factor (%): 3.04 ***Temperature(K):*** 299 ***Density(g/cm3):*** 2.026



Search: search1 (Thu May 26 10:05:42 2011): Hit 2474

UJEHAS

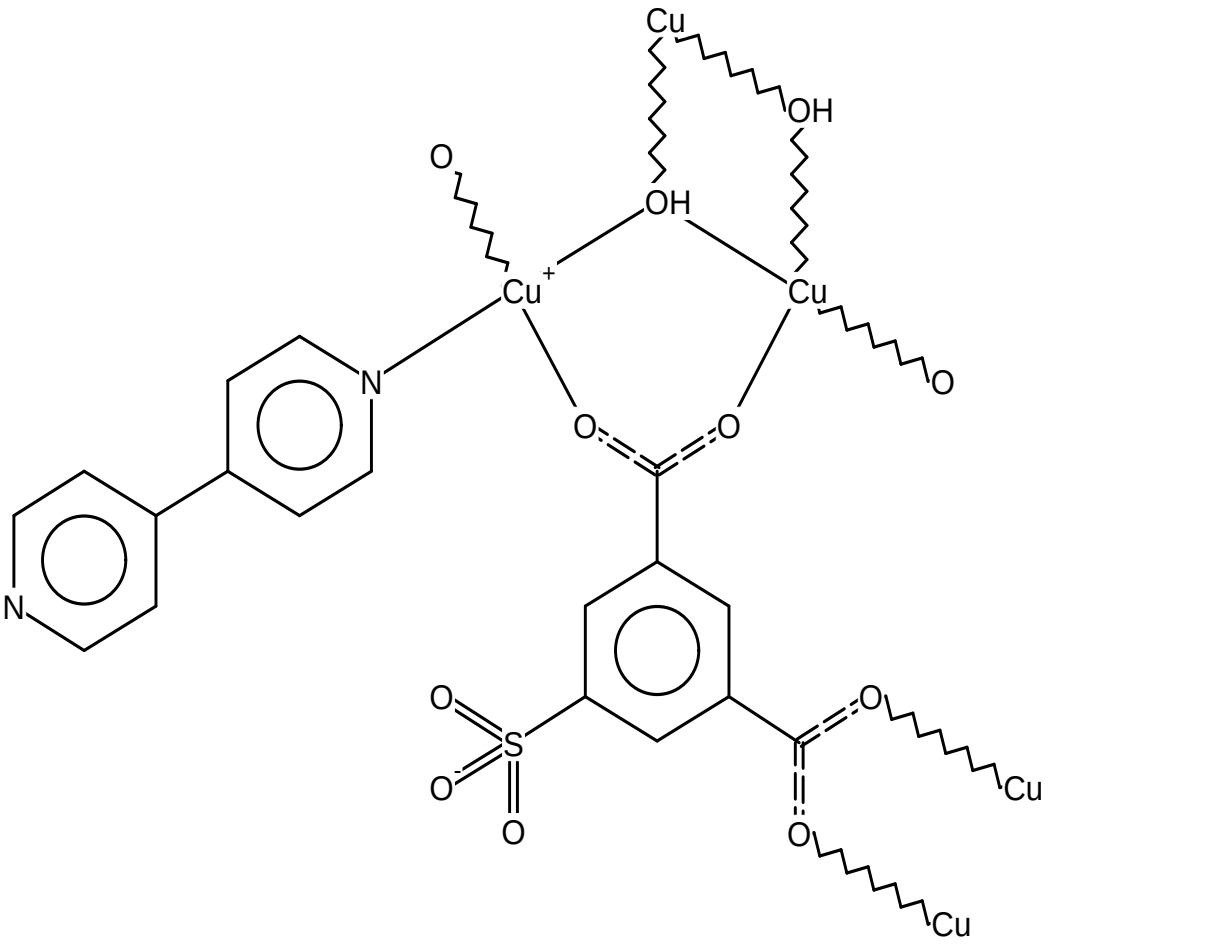
Reference: Daofeng Sun, Rong Cao, Yanqiong Sun, Wenhua Bi, Daqiang Yuan, Qian Shi, Xing Li (2003) *Chem.Commun.* ,1528

Formula: $(C_{18}\ H_{12}\ Cu_2\ N_2\ O_8\ S_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_4-5-Sulfoisophthalato)-(μ_3-hydroxo)-(4,4'-bipyridine)-di-copper(ii) monohydrate)

Space Group:	Pnnm	***Cell:***	***a***	10.937(1)	***b***	16.210(1)	***c***	10.780(1)
Space Group No.:	58	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.951



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2475

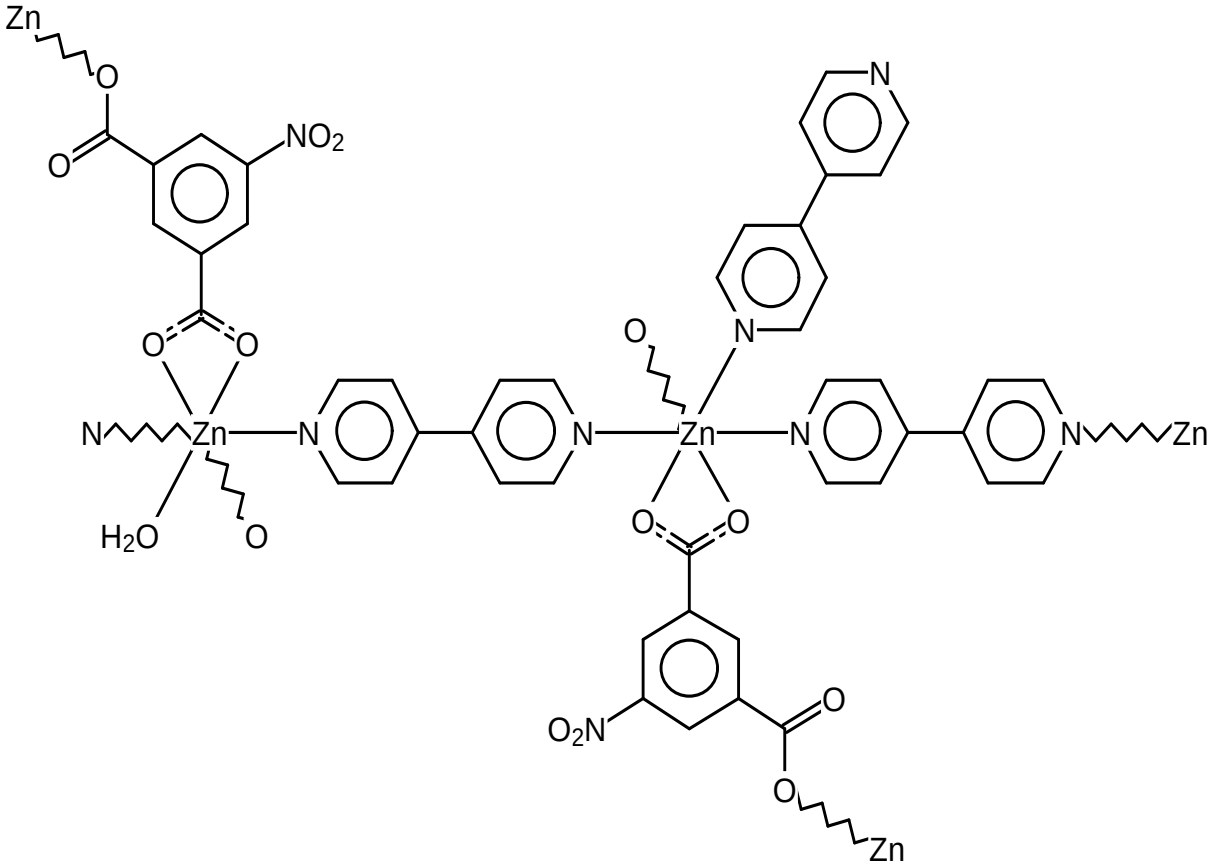
UJOLUA

Reference: Jun Tao, Xin Yin, Yun-Bao Jiang, Le-Fu Yang, Rong-Bin Huang, Lan-Sun Zheng (2003) *Eur.J.Inorg.Chem.* ,2678

Formula: $(C_{46}\ H_{32}\ N_8\ O_{13}\ Zn_2)n$

Compound Name: catena-(bis(μ_2-5-Nitro-isophthalato)-bis(μ_2-4,4'-bipyridyl)-aqua-(4,4'-bipyridyl)-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	10.100(0)	***b***	11.076(0)	***c***	22.919(2)
Space Group No.:	2	***(Å,°)***	α	99.77(0)	β	91.44(0)	γ	115.30(0)
R-Factor (%):	7.24	***Temperature(K):***	296		***Density(g/cm^3):***	1.515		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2476

UJOQIT

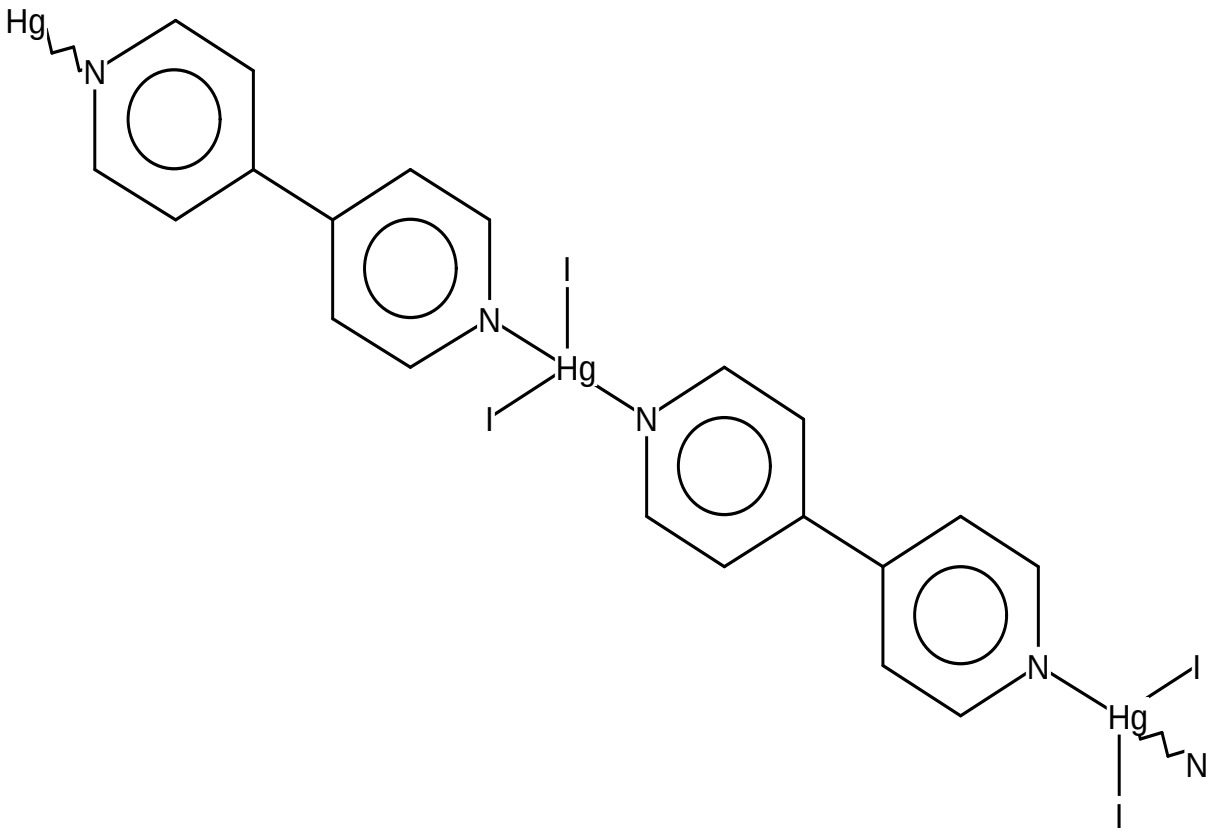
Reference: Yunyin Niu, Hegen Zheng, Hoongkun Fun, I.A.Razak, S.Chantrapromma, Xinquan Xin (2003) *Synth.React.Inorg.Met.-Org.Chem. ,***33,**1

Formula: $(C_{20}\ H_{16}\ Hg_2\ I_4\ N_4)n$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-di-iodo-mercury))

Space Group:	C2/c	***Cell:***	***a***	33.406(0)	***b*** 11.239(0)	***c***	17.170(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.92(0)	γ	90.00

R-Factor (%): 8.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.903



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2477

UJOQIT01

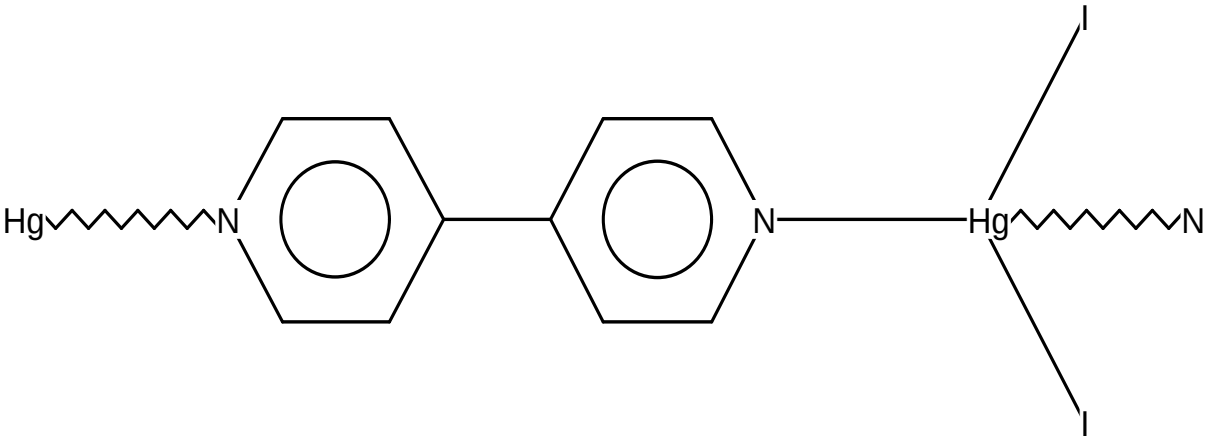
Reference: A.Morsali, Long-Guan Zhu (2006) *Helv.Chim.Acta* ,**89,**81

Formula: $(C_{10}\ H_8\ Hg_1\ I_2\ N_2)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(iodo)-mercury(ii))

Space Group:	C2/c	***Cell:***	***a***	16.789(3)	***b*** 5.570(1)	***c***	16.506(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.72(0)	γ	90.00

R-Factor (%): 7.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.996



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2478

UKIXUH

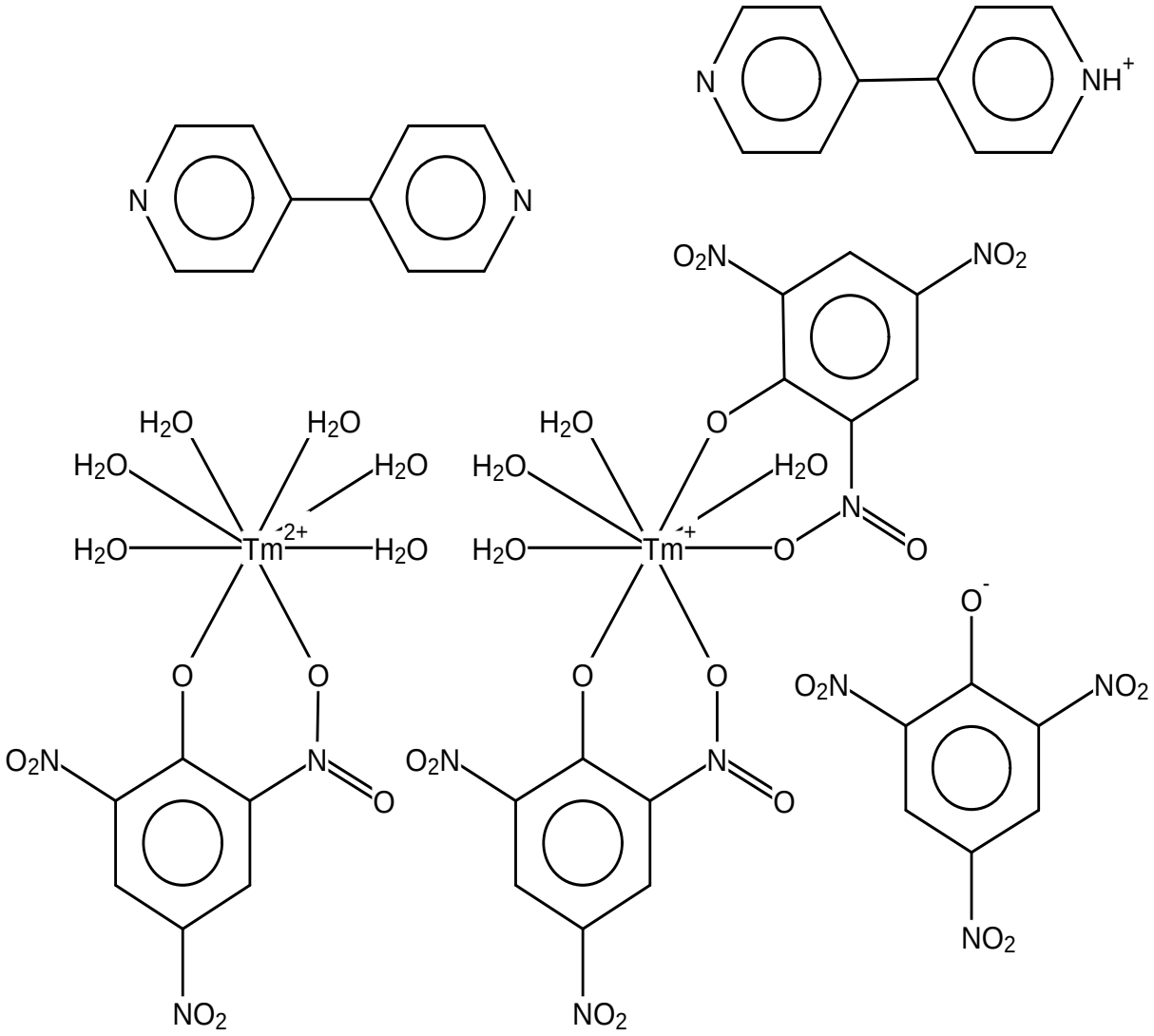
Reference: Hong Liang, Fu-Pei Liang, Zi-Lu Chen, Rui-Xiang Hu, Kai-Bei Yu (2001) *J.Indian Chem.Soc. ,***78,**438

Formula: $C_6 H_{14} N_3 O_{13} Tm_1 ^{2+}$,2($C_{12} H_{12} N_6 O_{18} Tm_1 ^{1+}$),2($C_{10} H_9 N_2 ^{1+}$),5($C_{10} H_8 N_2$),6($C_6$ H

Compound Name: Hexa-aqua-(picrato-O,O')-thulium(iii) bis(tetra-aqua-bis(picrato-O,O')-thulium(iii)) bis(4,4'-bipyridinium) pentakis(4,4'-bipyridine) hexapicrate

Space Group:	P-1	***Cell:***	***a***	15.162(0)	***b***	15.393(2)	***c***	21.316(4)
Space Group No.:	2	***(Å,°)***	α	70.24(1)	β	73.37(1)	γ	62.59(1)

R-Factor (%): 3.16 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.765



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2479

UKIYAO

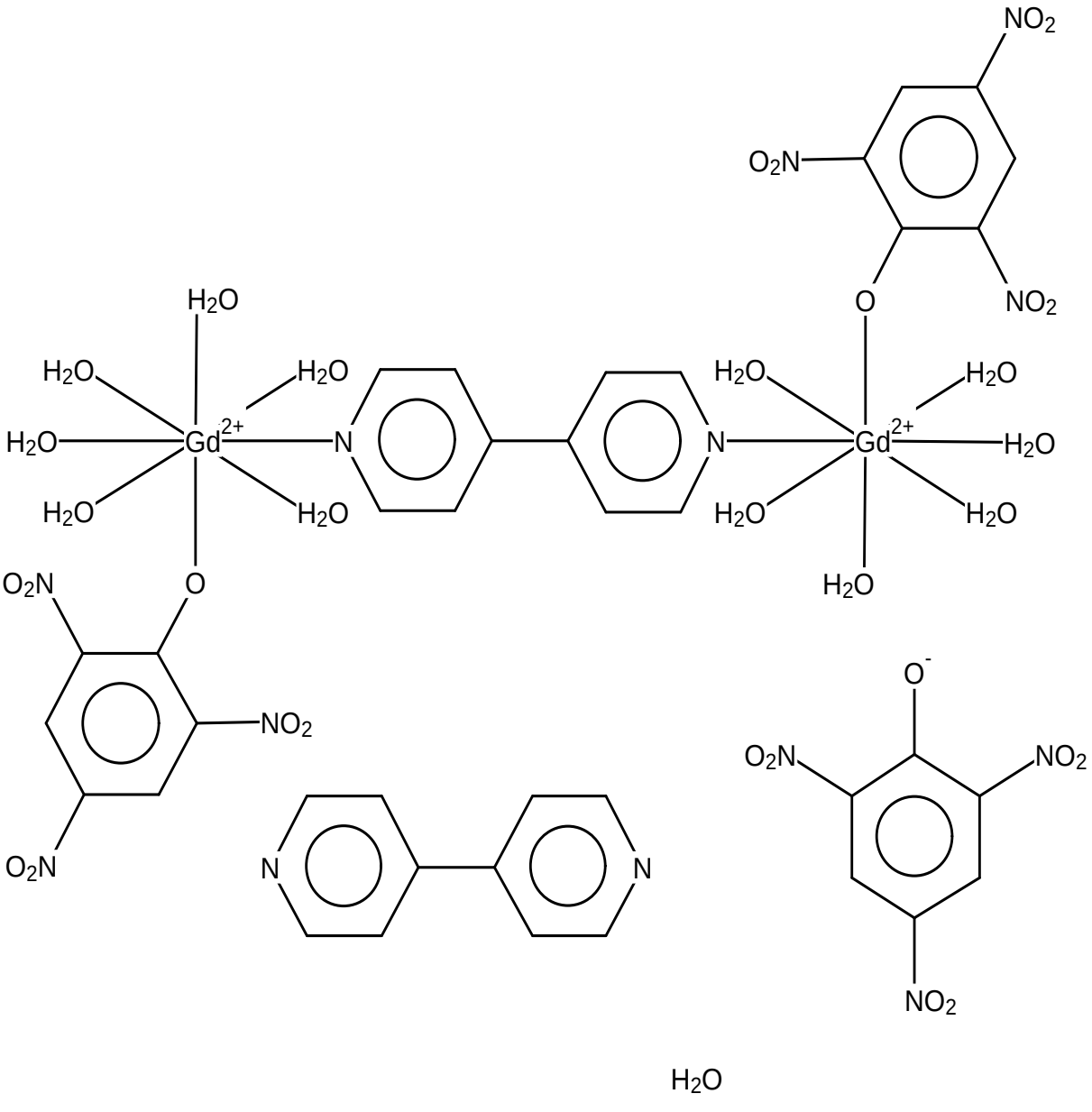
Reference: Hong Liang, Fu-Pei Liang, Zi-Lu Chen, Rui-Xiang Hu, Kai-Bei Yu (2001) *J.Indian Chem.Soc. ,***78,**438

Formula: $C_{22}\ H_{36}\ Gd_2\ N_8\ O_{26}\ ^{4+}$,5($C_{10}\ H_8\ N_2$),4($C_6\ H_2\ N_3\ O_7\ ^{1-}$),6($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(hexa-aqua-(picrato-O)-gadolinium(iii)) pentakis(4,4'-bipyridine) tetrapicrate hexahydrate

Space Group:	P-1	***Cell:***	***a***	8.160(1)	***b***	14.877(2)	***c*** 24.546(4)
Space Group No.:	2	***(Å,°)***	α	93.52(1)	β	91.26(0)	γ 100.41(1)

R-Factor (%): 2.83 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.672



Search: search1 (Thu May 26 10:05:42 2011): Hit 2480

UKUVOL

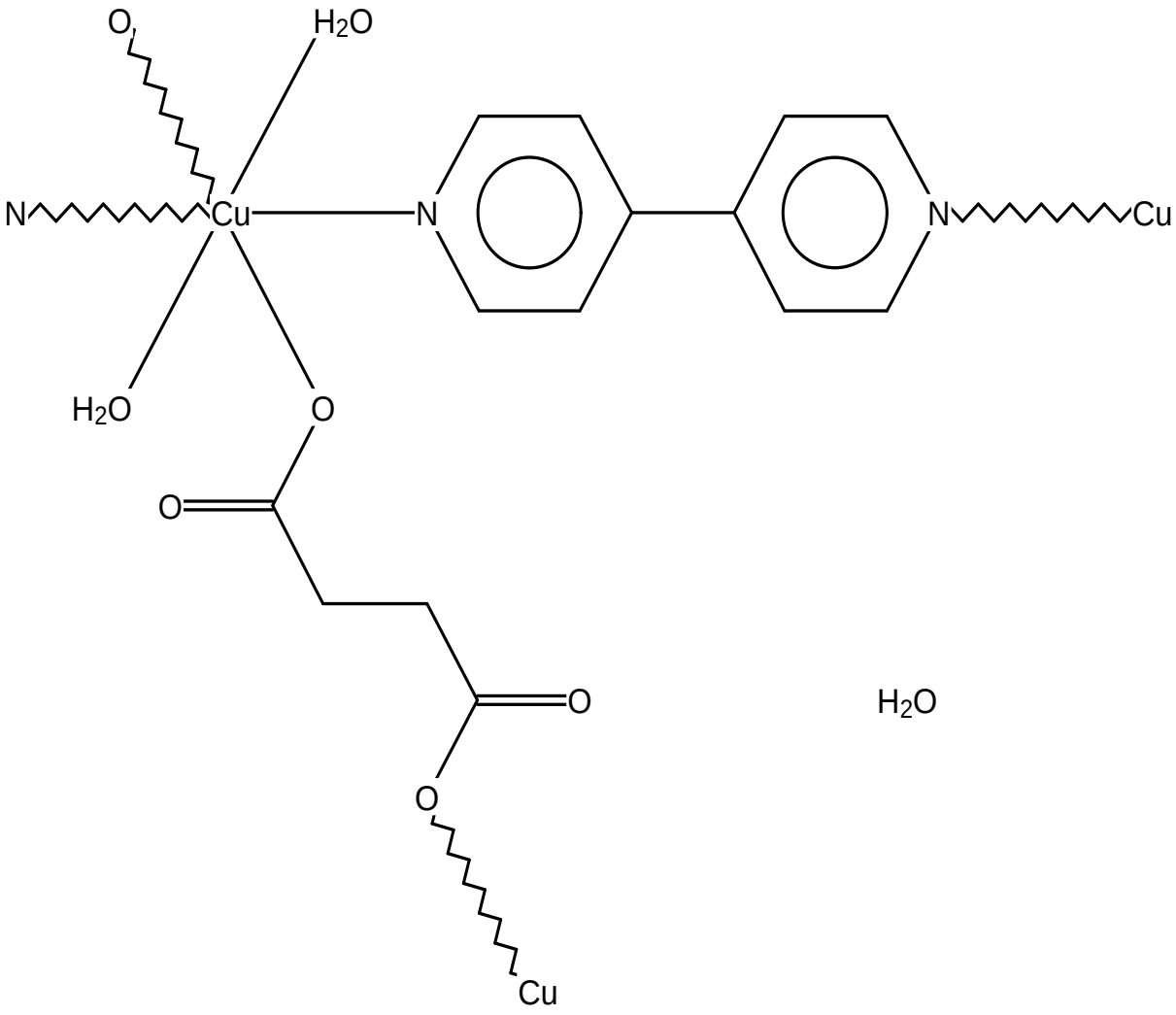
Reference: Yue-Qing Zheng, Zu-Ping Kong (2003)
Z.Anorg.Allg.Chem. ,**629,**1469

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-succinato-O,O')-diaqua-copper dihydrate)

Space Group:	P61	***Cell:***	***a***	11.066(1)	***b***	11.066(1)	***c*** 24.965(5)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.535



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2481

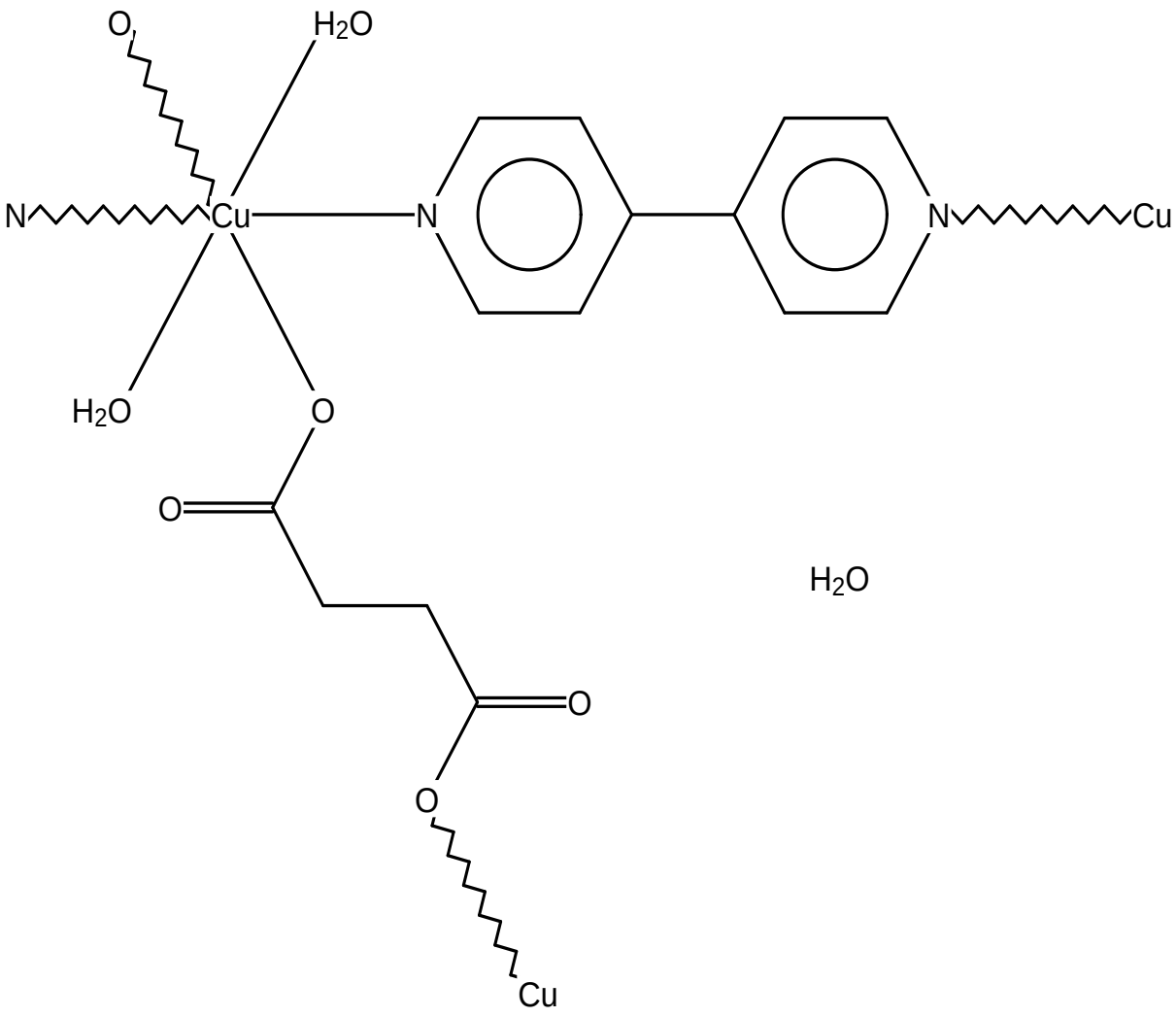
UKUVOL02

Reference: La-Sheng Long, Yan-Rong Wu, Hui Zhang, Ren Yan-Ping, Huang Rong-Bin, Zheng Lan-Sun (2005) *Private Communication ,*

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-succinato-O,O')-diaqua-copper dihydrate)

Space Group:	P6122	***Cell:***	***a***	11.086(0)	***b***	11.086(0)	***c*** 25.006(1)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	7.24	***Temperature(K):***	273		***Density(g/cm^3):***		1.527



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2482

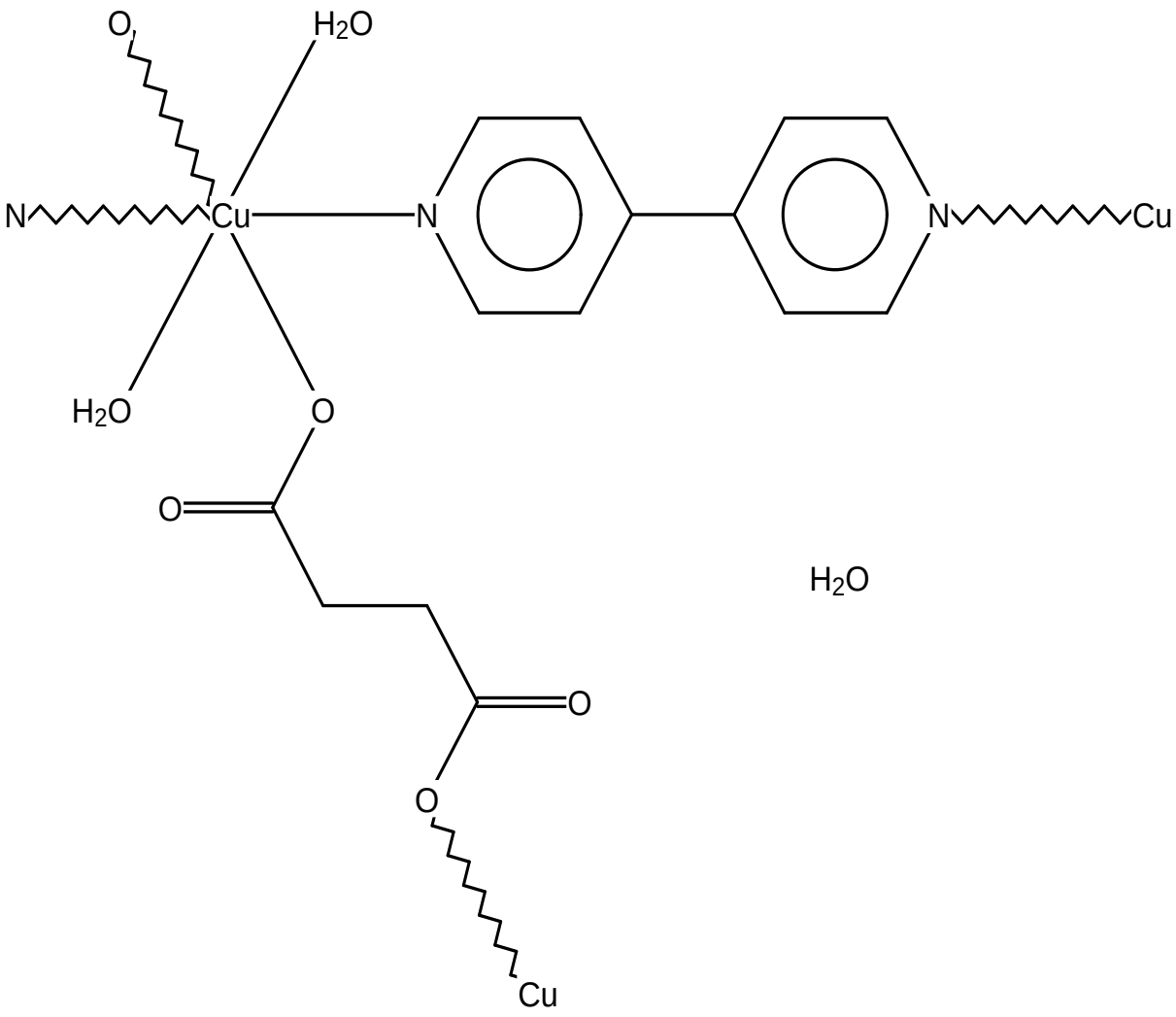
UKUVOL03

Reference: La-Sheng Long, Yan-Rong Wu, Hui Zhang, Ren Yan-Ping, Huang Rong-Bin, Zheng Lan-Sun (2005) *Private Communication ,*

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-succinato-O,O')-diaqua-copper dihydrate)

Space Group:	P6122	***Cell:***	***a***	11.082(0)	***b***	11.082(0)	***c*** 25.014(3)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	7.42	***Temperature(K):***	273		***Density(g/cm^3):***		1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2483

UKUVOL05

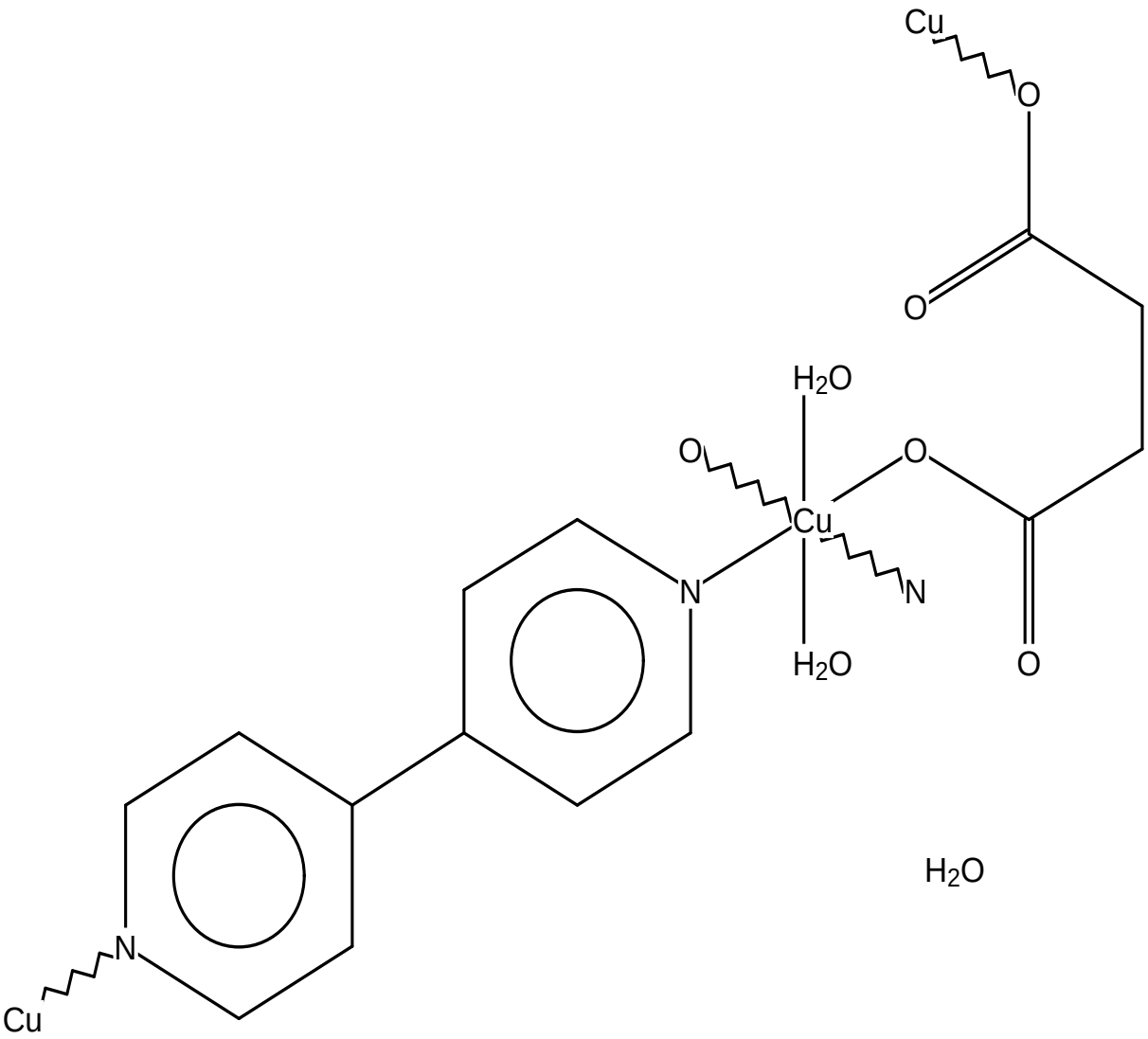
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.053(0)	***b***	11.053(0)	***c*** 24.698(1)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.20 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.555



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2484

UKUVOL06

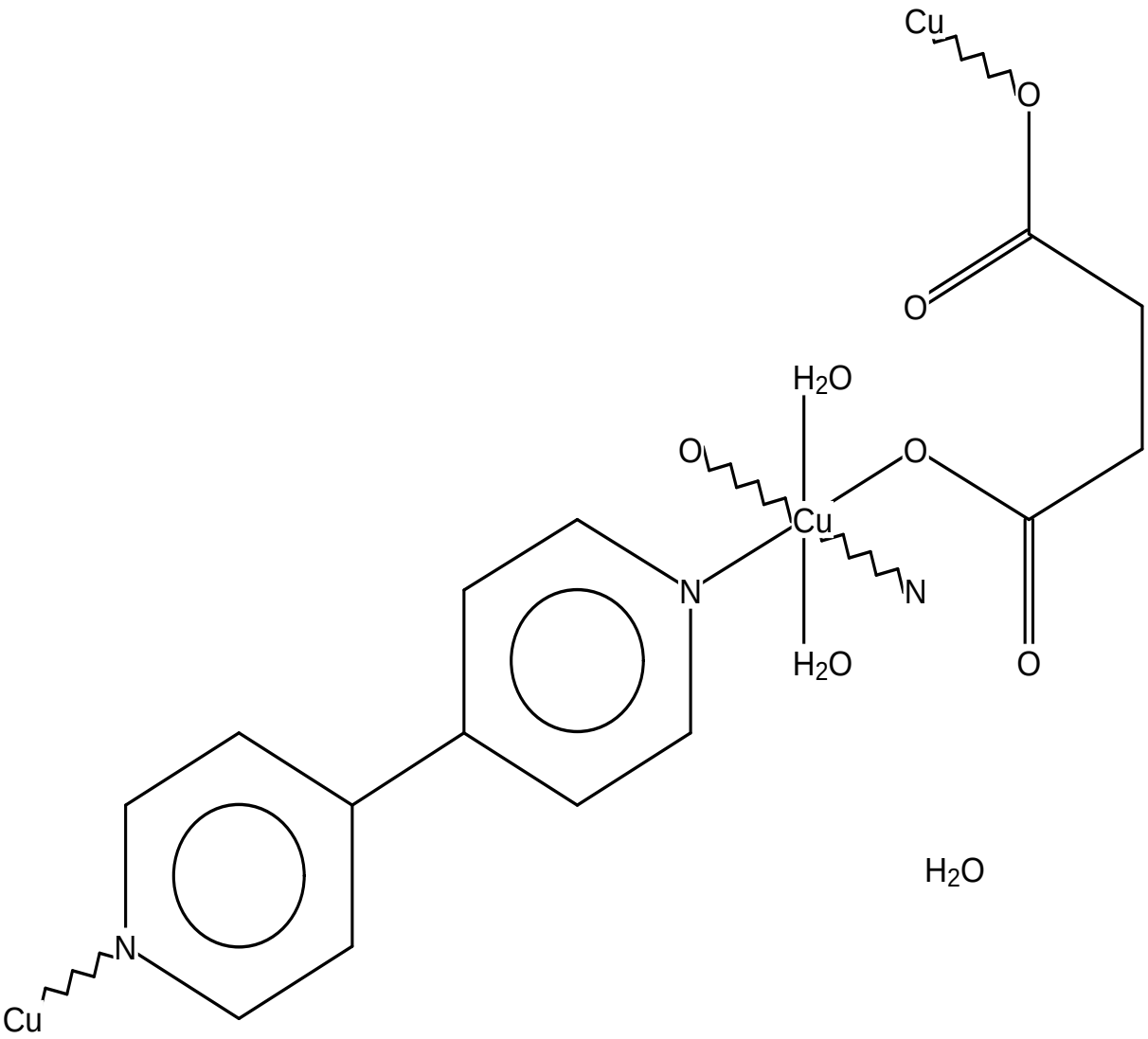
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.056(0)	***b***	11.056(0)	***c*** 24.969(4)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.89 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.537



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2485

UKUVOL07

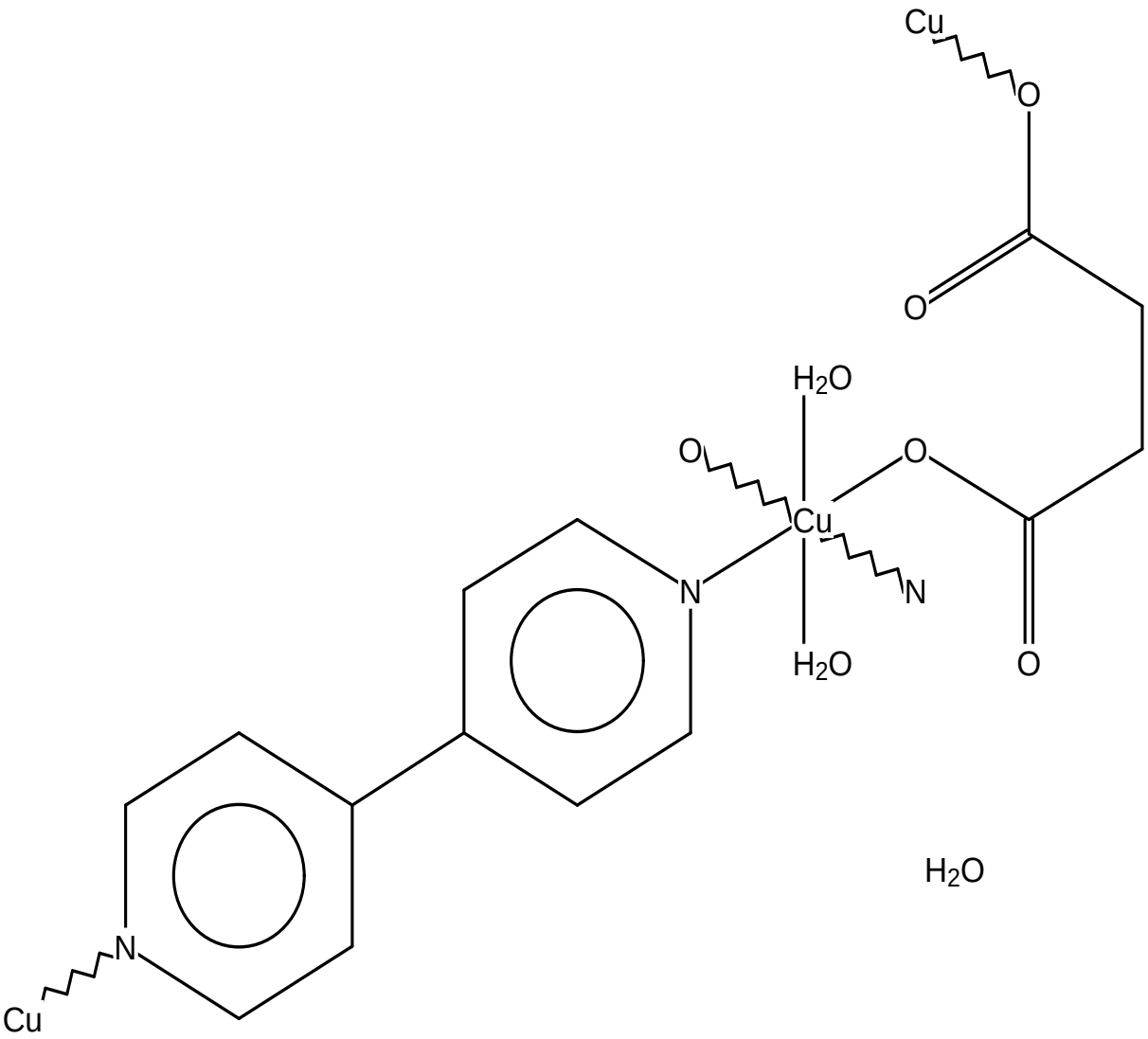
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.041(1)	***b***	11.041(1)	***c***	24.755(5)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 3.50 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.555



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2486

UKUVOL08

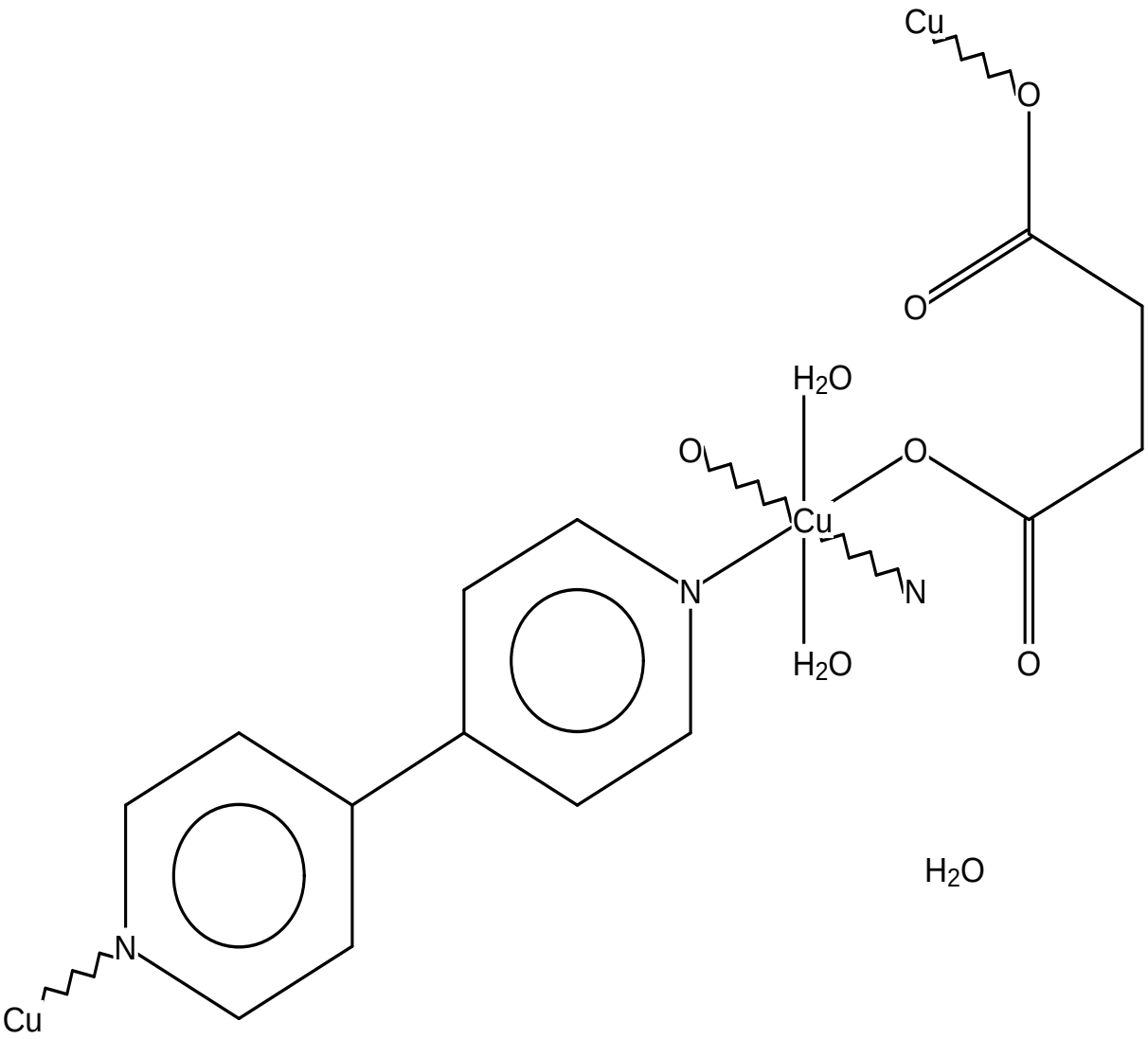
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.070(0)	***b***	11.070(0)	***c*** 24.739(4)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.90 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.548



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2487

UKUVOL09

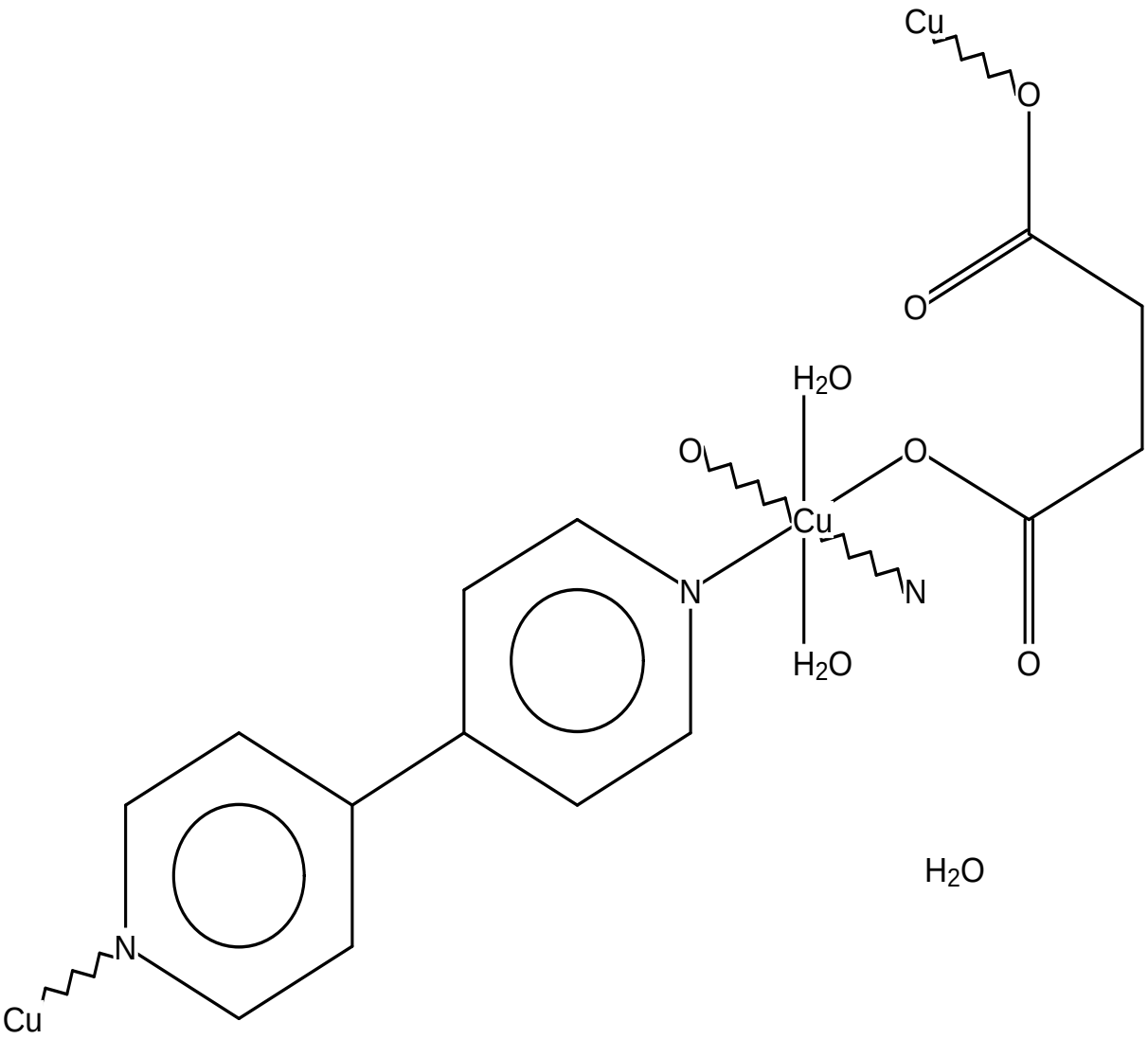
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.078(1)	***b***	11.078(1)	***c***	24.974(5)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 5.21 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.531



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2488

UKUVOL10

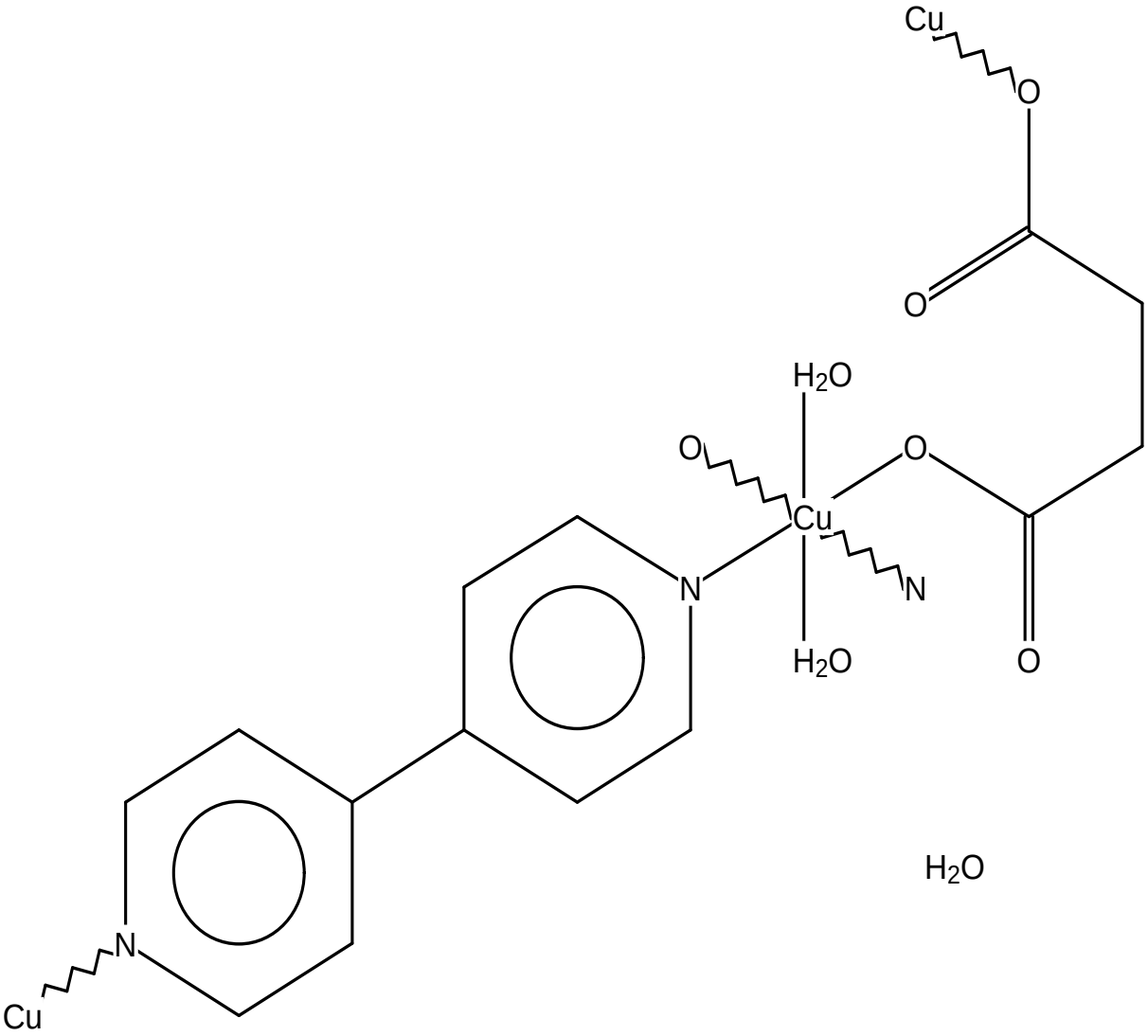
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.032(1)	***b***	11.032(1)	***c*** 24.825(8)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.60 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.553



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2489

UKUVOL11

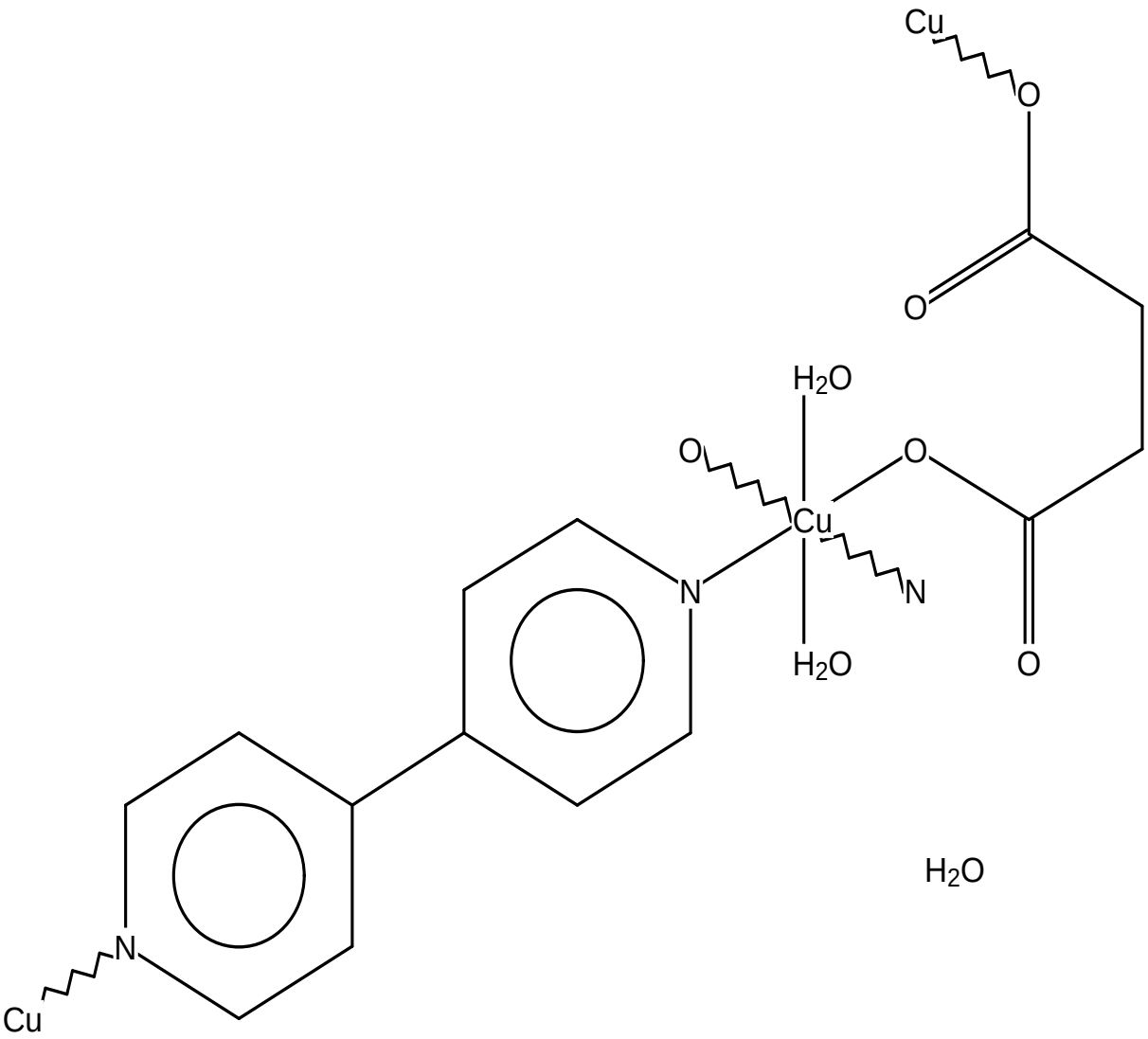
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.039(6)	***b***	11.039(6)	***c*** 24.810(30)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 6.14 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2490

UKUVOL12

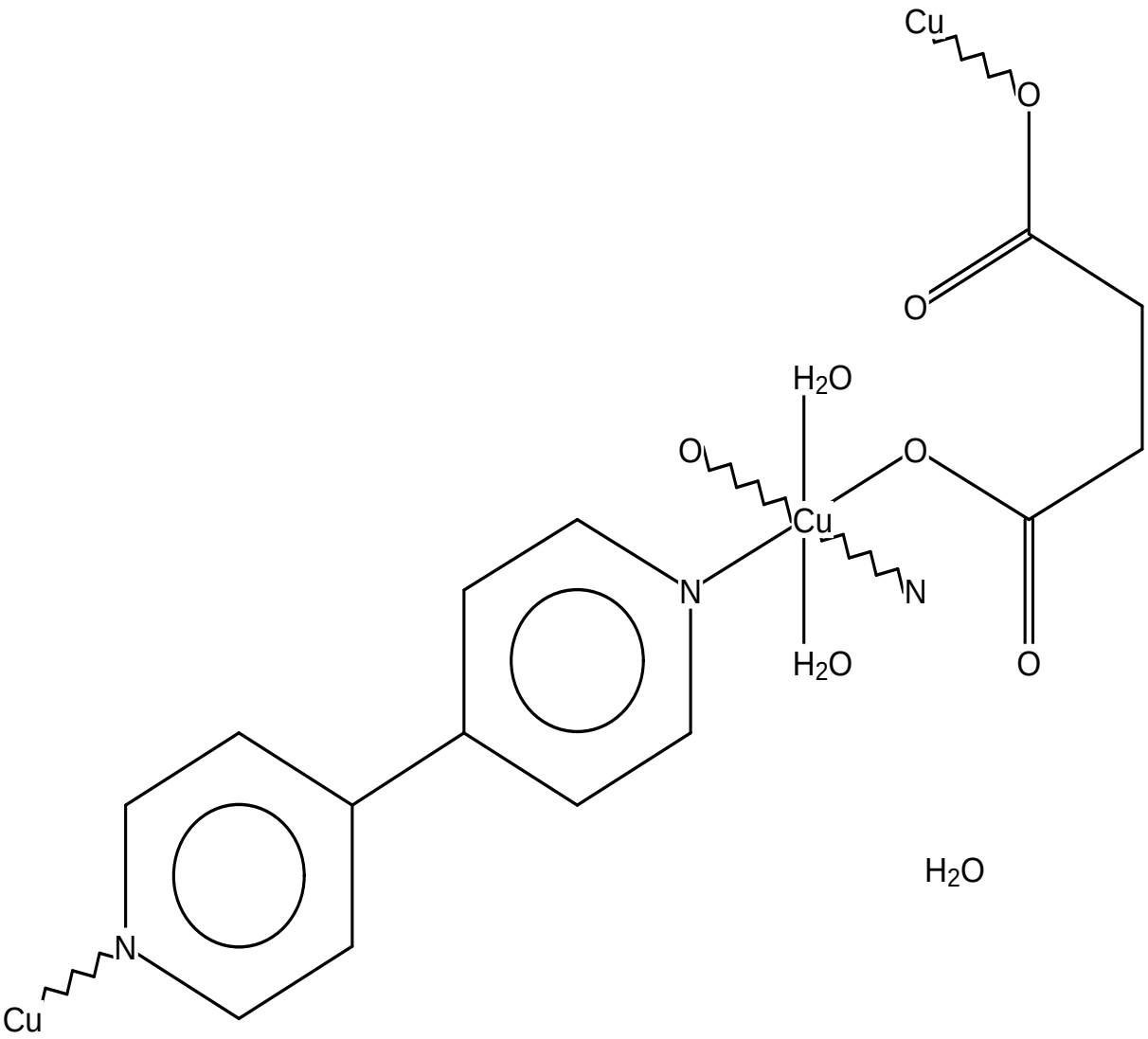
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.060(3)	***b***	11.060(3)	***c*** 24.860(11)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.73 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.543



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2491

UKUVOL13

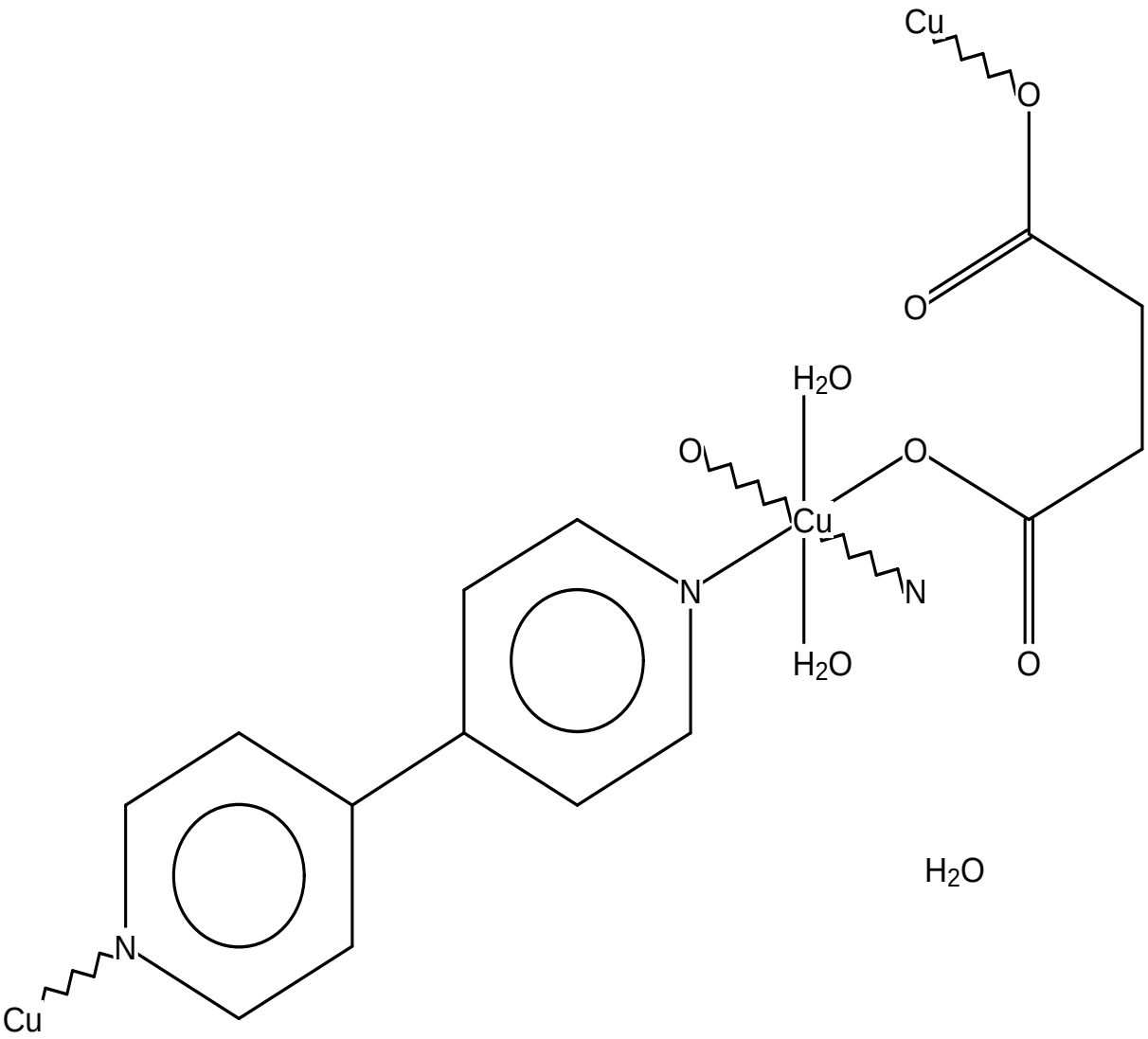
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.043(3)	***b***	11.043(3)	***c*** 24.969(12)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.92 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.541



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2492

UKUVOL14

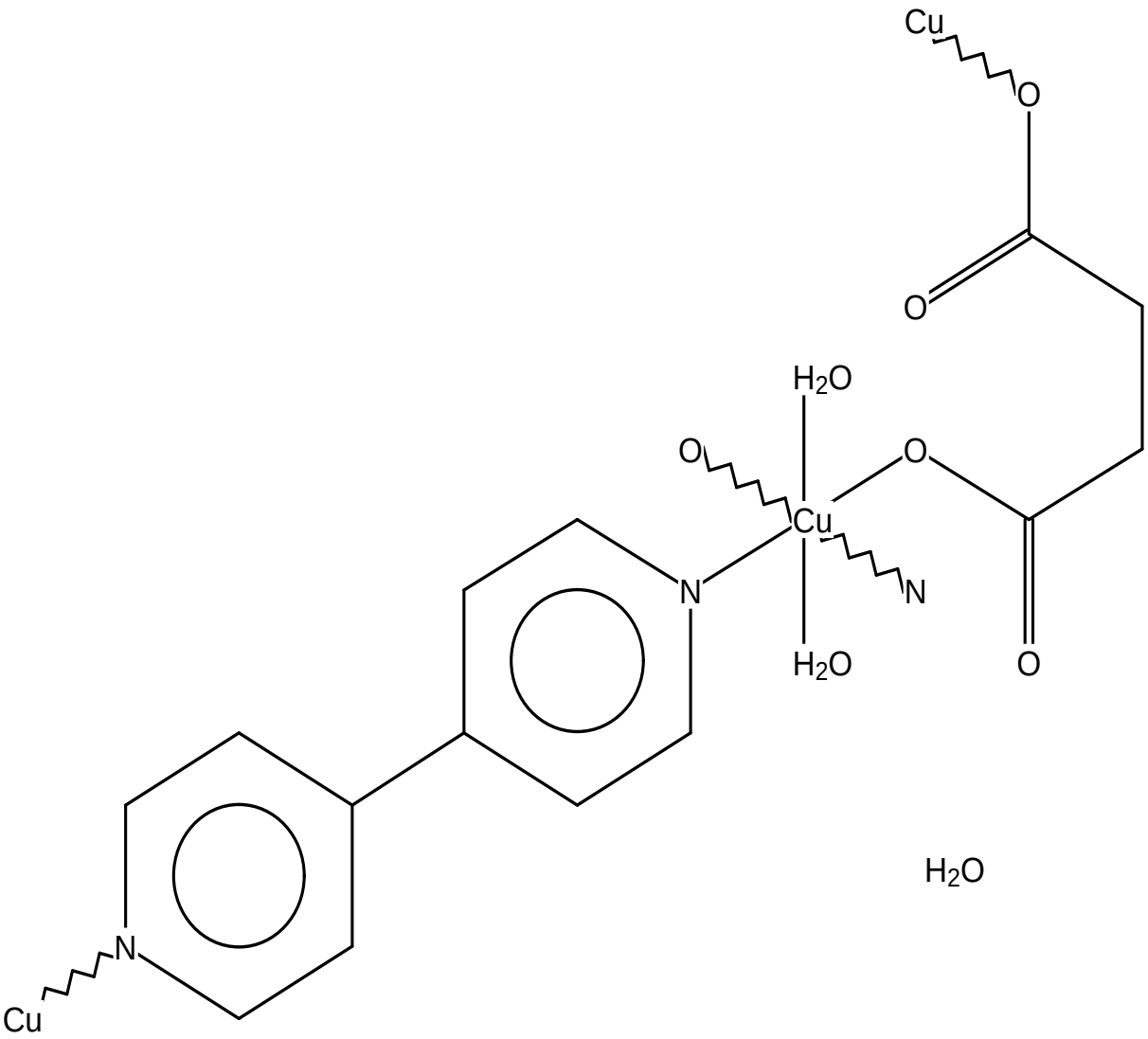
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.034(0)	***b***	11.034(0)	***c***	24.924(4)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 2.98 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.546



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2493

UKUVOL15

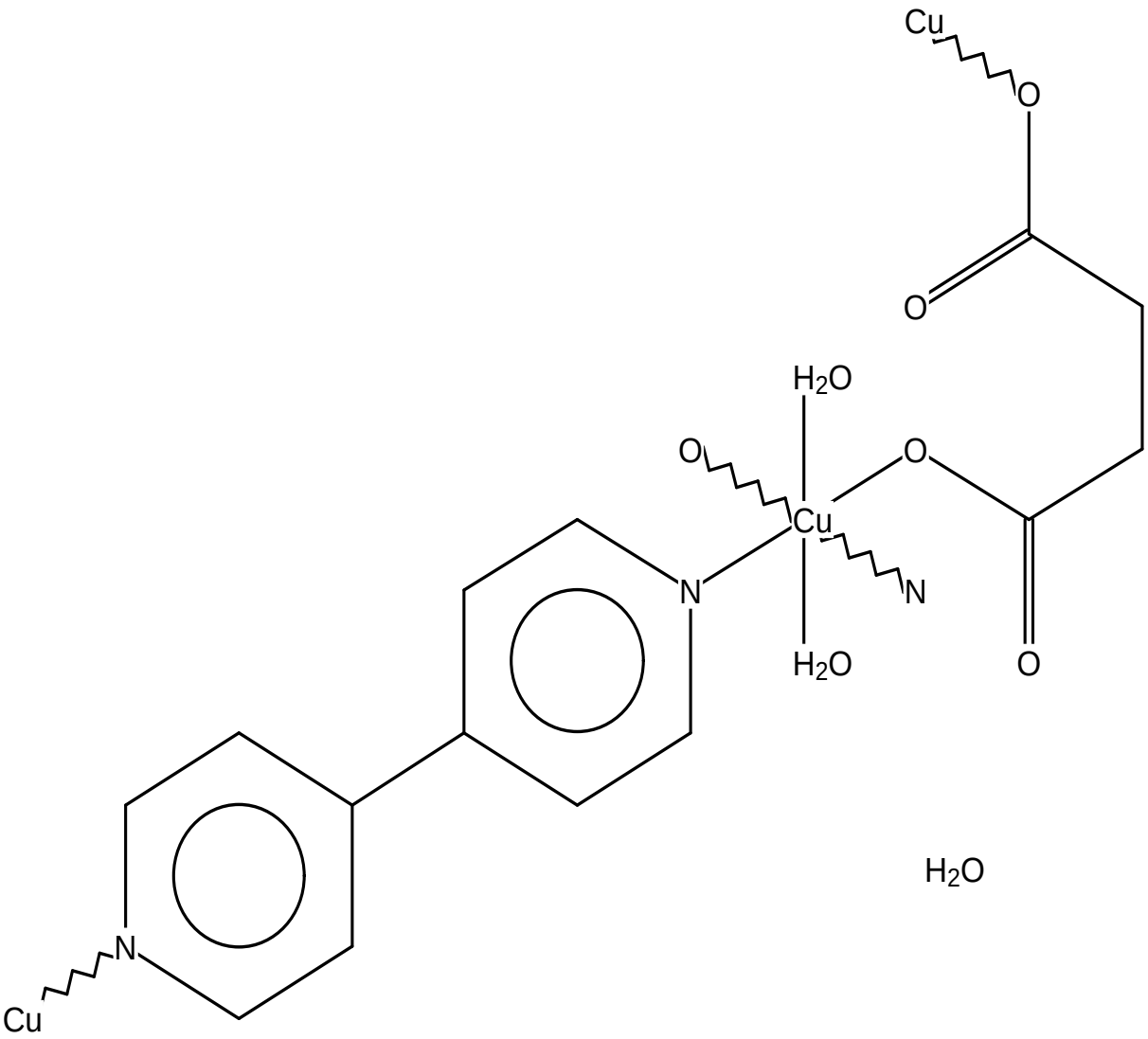
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.053(0)	***b***	11.053(0)	***c*** 24.670(3)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.57 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.557



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2494

UKUVOL16

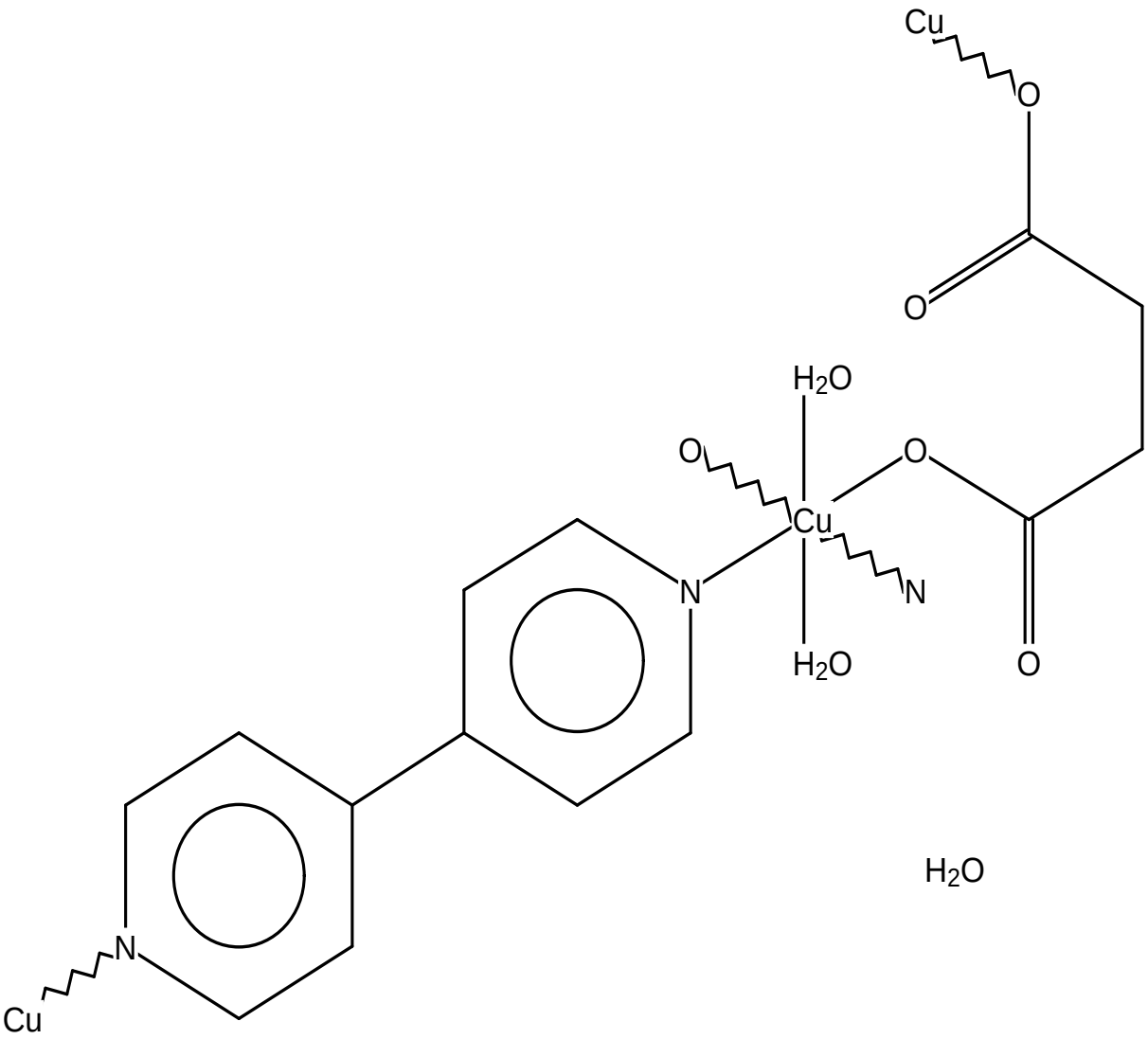
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.074(0)	***b***	11.074(0)	***c*** 24.719(3)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.67 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.548



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2495

UKUVOL17

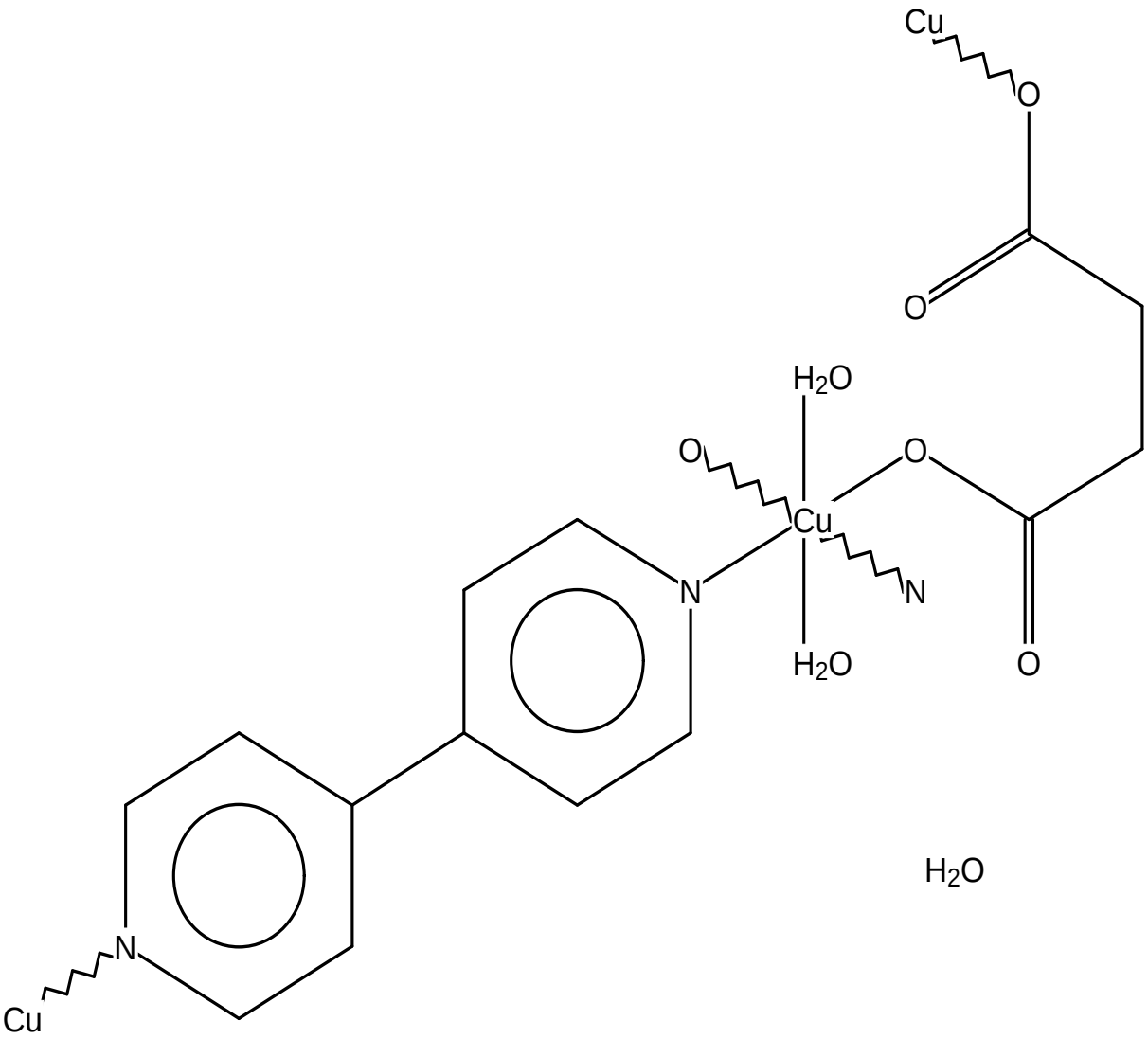
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.059(0)	***b***	11.059(0)	***c*** 24.652(4)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.18 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.556



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2496

UKUVOL18

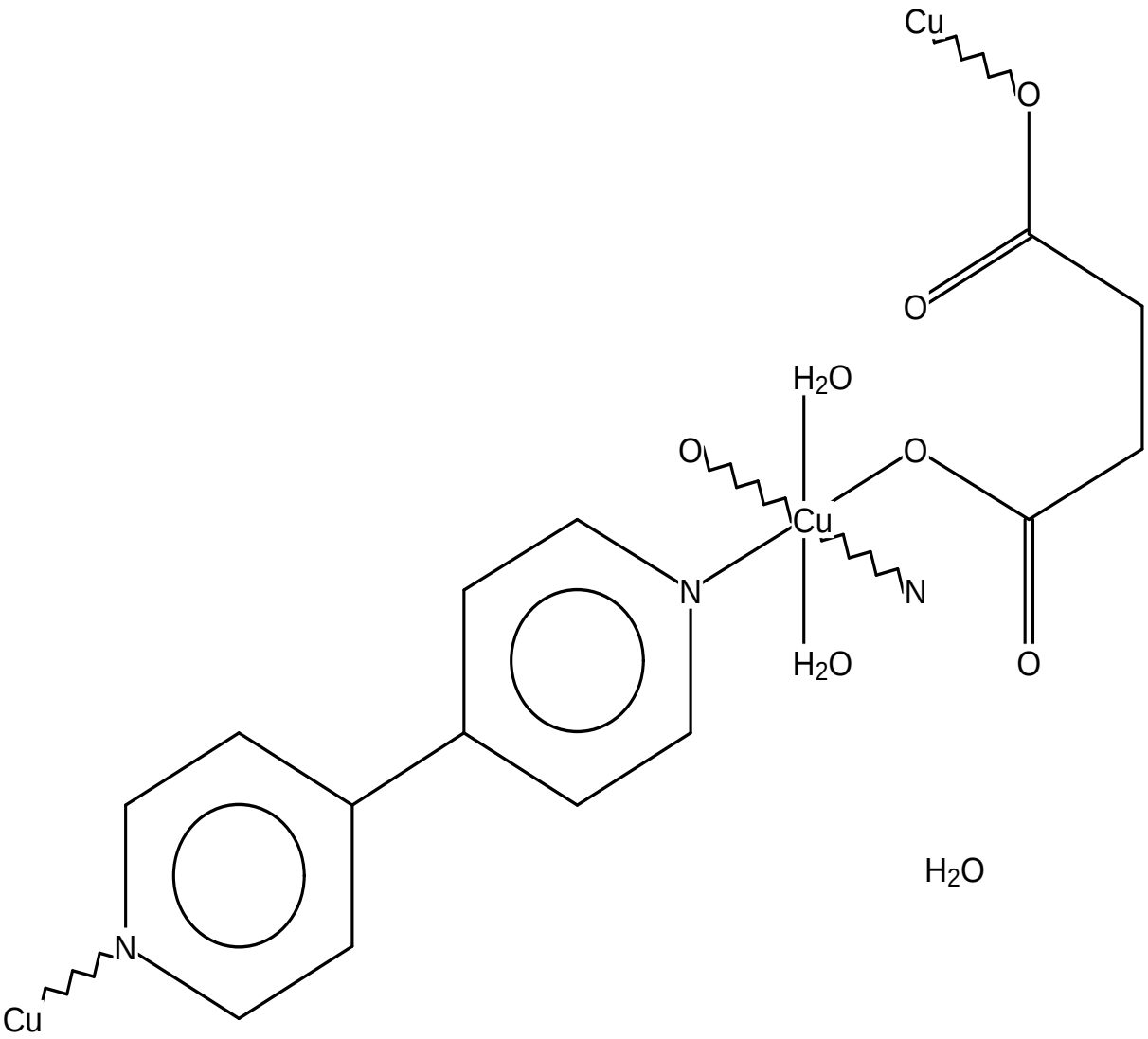
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.082(1)	***b***	11.082(1)	***c***	24.757(5)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.39 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.543



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2497

UKUVOL19

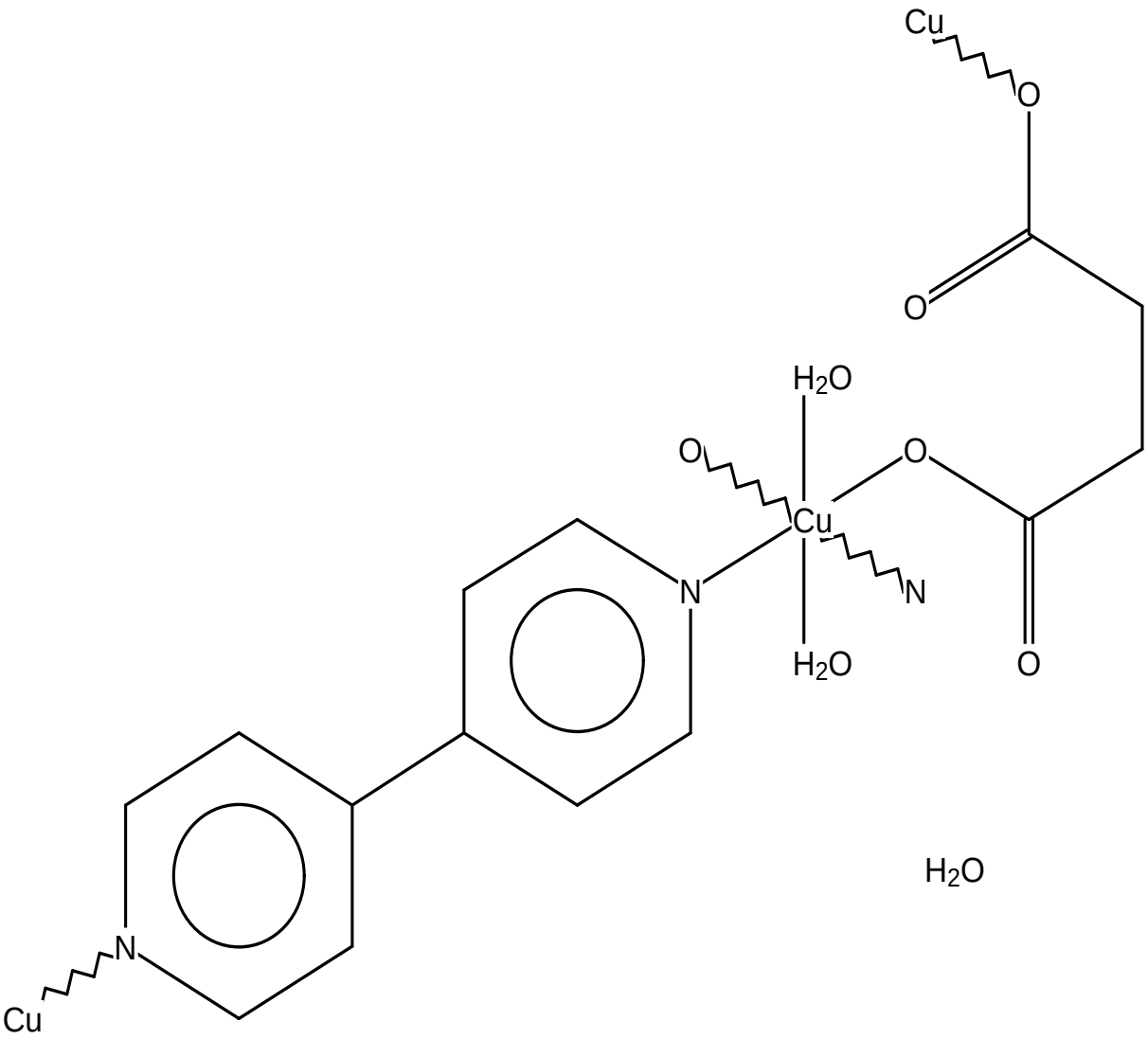
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.055(1)	***b***	11.055(1)	***c***	24.645(4)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.42 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.558



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2498

UKUVOL20

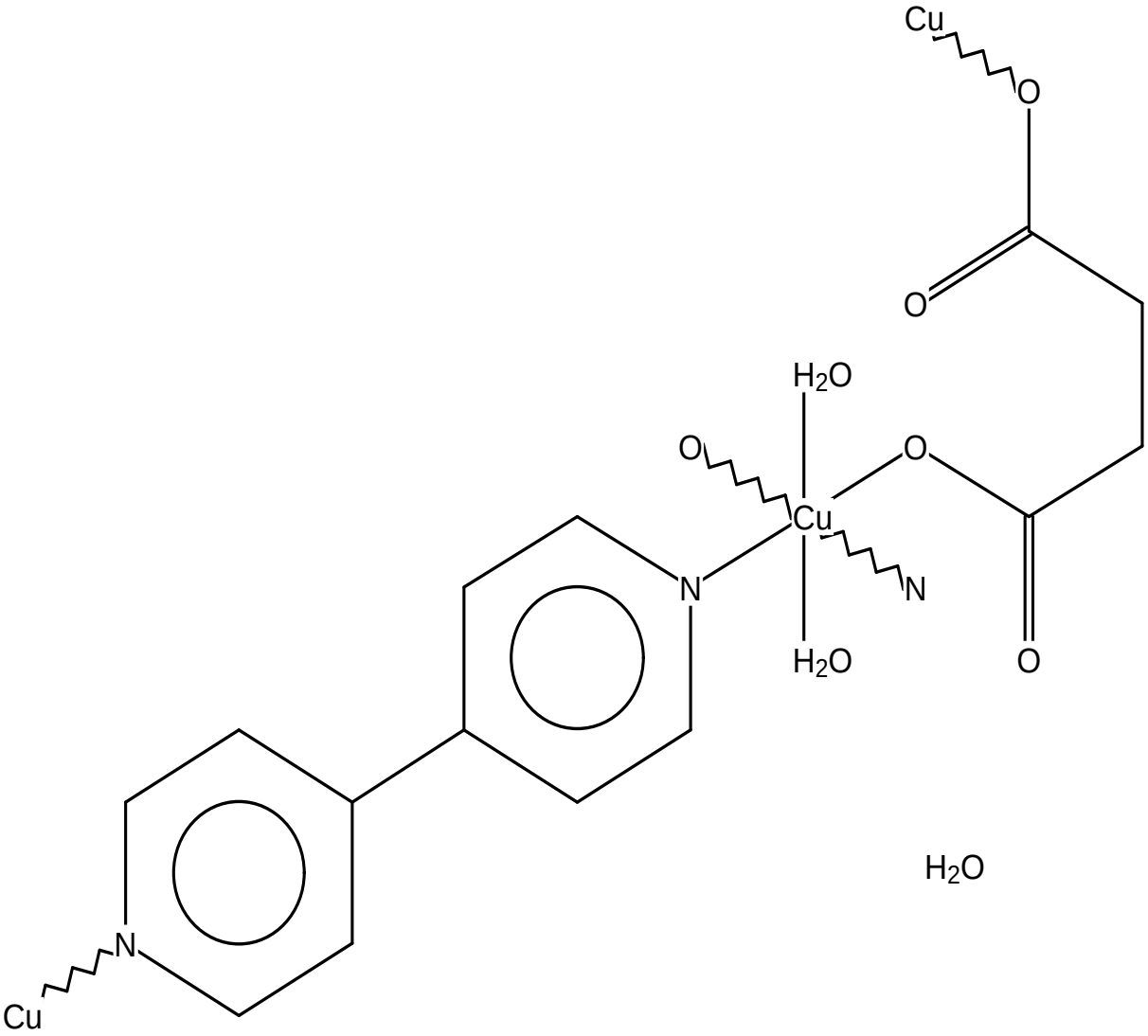
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.057(0)	***b***	11.057(0)	***c*** 24.655(3)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.58 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.557



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2499

UKUVOL21

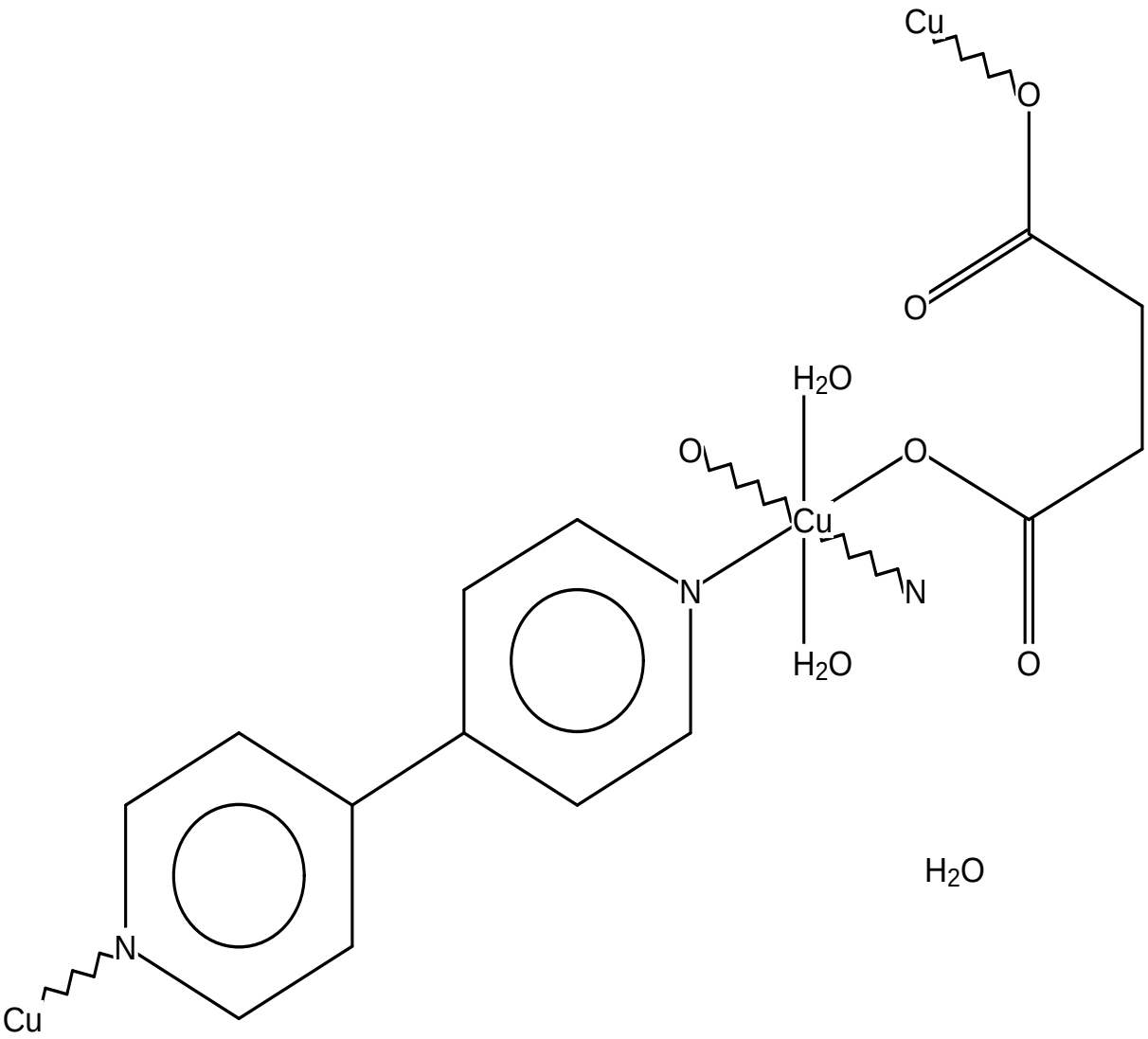
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.049(1)	***b***	11.049(1)	***c*** 24.919(5)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 2.91 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.543



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2500

UKUVOL22

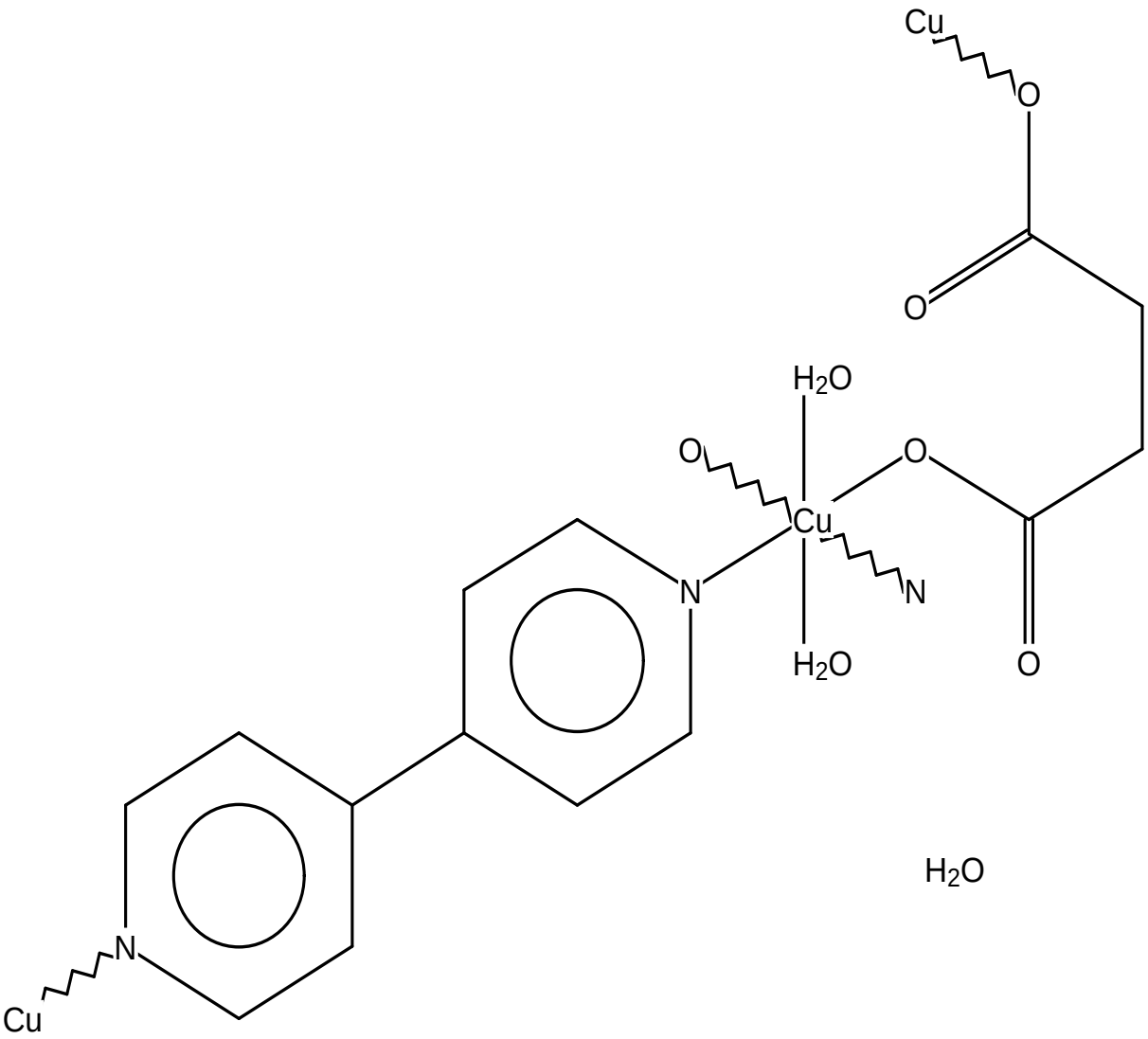
Reference: Shu-Ting Wu, Yan-Rong Wu, Qing-Qing Kang, Hui Zhang, La-Sheng Long, Zhiping Zheng, Rong-Bin Huang, Lan-Sun Zheng (2007) *Angew.Chem.,Int.Ed. ,***46,**8475

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-succinato)-diaqua-copper(ii) dihydrate]

Space Group:	P6122	***Cell:***	***a***	11.023(1)	***b***	11.023(1)	***c*** 24.815(8)
Space Group No.:	178	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.47 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.556



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2501

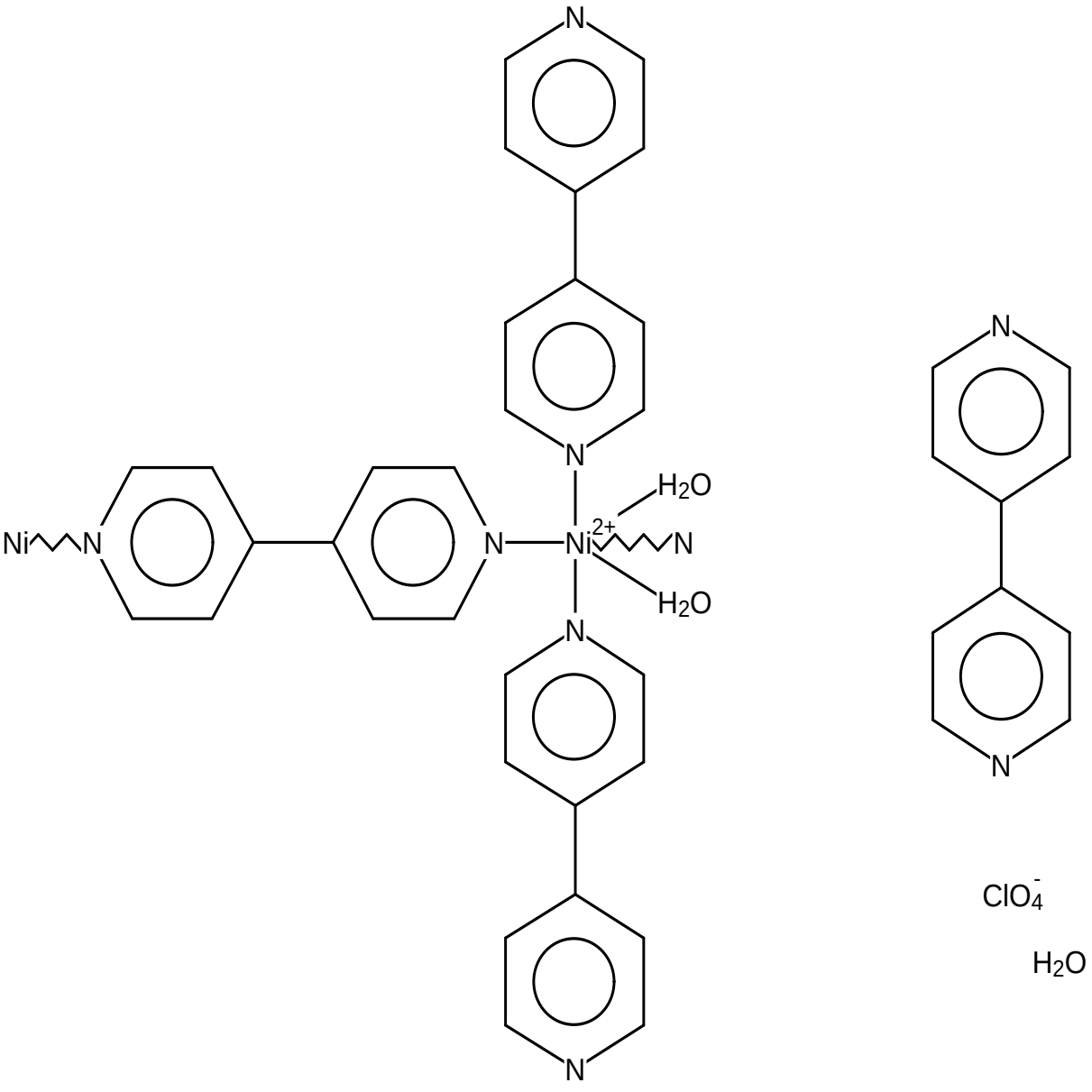
ULUBAE

Reference: J.D.Woodward, R.Backov, K.A.Abboud, H.Ohnuki, M.W.Meisel, D.R.Talham (2003) *Polyhedron* ,**22,**2821

Formula: $(C_{30}\ H_{28}\ N_6\ Ni_1\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),1.4n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(4,4'-bipyridine)-nickel(ii) diperchlorate 4,4'-bipyridine clathrate trihydrate)

Space Group:	C2/c	***Cell:***	***a***	17.570(0)	***b***	11.410(0)	***c*** 24.479(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.06(0)	γ 90.00
R-Factor (%):	7.09	***Temperature(K):***	173		***Density(g/cm^3):***		1.403



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2502

ULUBEI

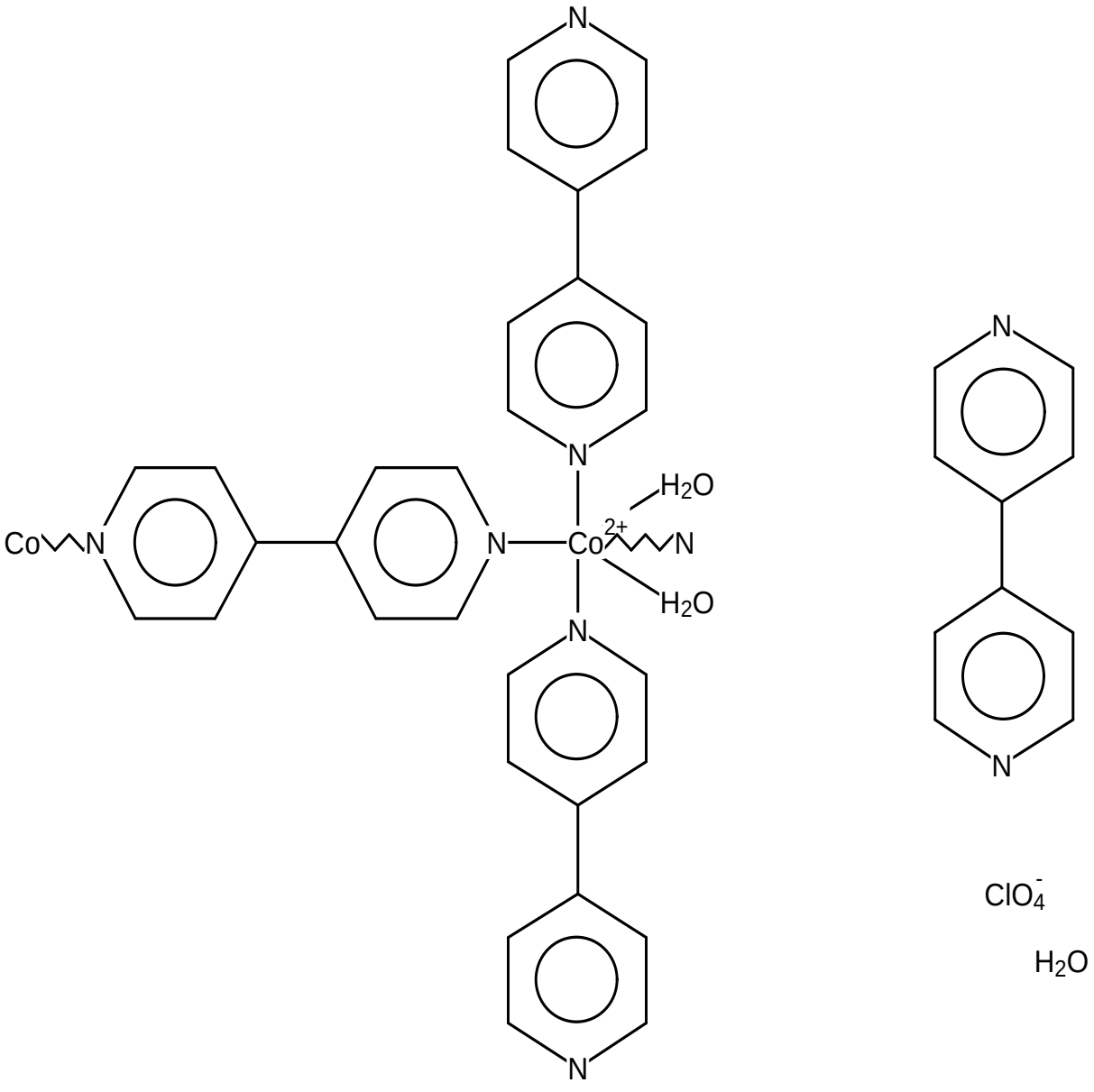
Reference: J.D.Woodward, R.Backov, K.A.Abboud, H.Ohnuki, M.W.Meisel, D.R.Talham (2003) *Polyhedron* ,**22,**2821

Formula: $(C_{30}\ H_{28}\ Co_1\ N_6\ O_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),1.4n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(4,4'-bipyridine)-cobalt(ii) diperchlorate 4,4'-bipyridine clathrate trihydrate)

Space Group:	C2/c	***Cell:***	***a*** 17.614(2)	***b*** 11.514(1)	***c*** 24.604(2)
Space Group No.:	15	***(Å,°)***	α 90.00	β 92.45(0)	γ 90.00

R-Factor (%): 7.36 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.379



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2503

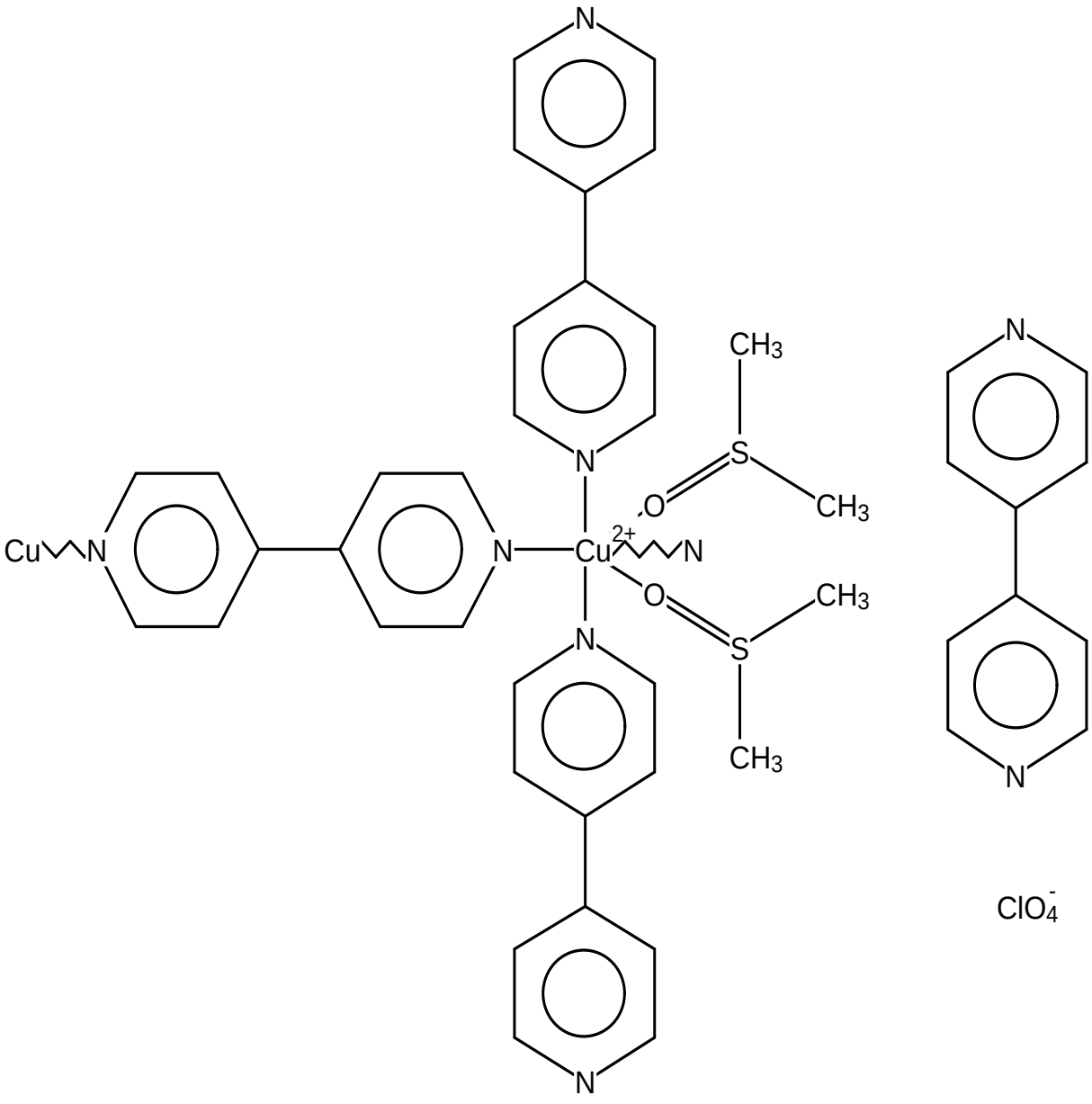
ULUBIM

Reference: J.D.Woodward, R.Backov, K.A.Abboud, H.Ohnuki, M.W.Meisel, D.R.Talham (2003) *Polyhedron* ,**22,**2821

Formula: $(C_{34}\ H_{36}\ Cu_1\ N_6\ O_2\ S_2\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-bis((dimethylsulfoxide)-(4,4'-bipyridine))-copper(ii) diperchlorate bis(4,4'-bipyridine) clathrate)

Space Group:	Cc	***Cell:***	***a***	19.093(0)	***b***	11.195(0)	***c*** 25.607(1)
Space Group No.:	9	***(Å,°)***	α	90.00	β	94.81(0)	γ 90.00
R-Factor (%):	4.66	***Temperature(K):***	173		***Density(g/cm^3):***		1.461



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2504

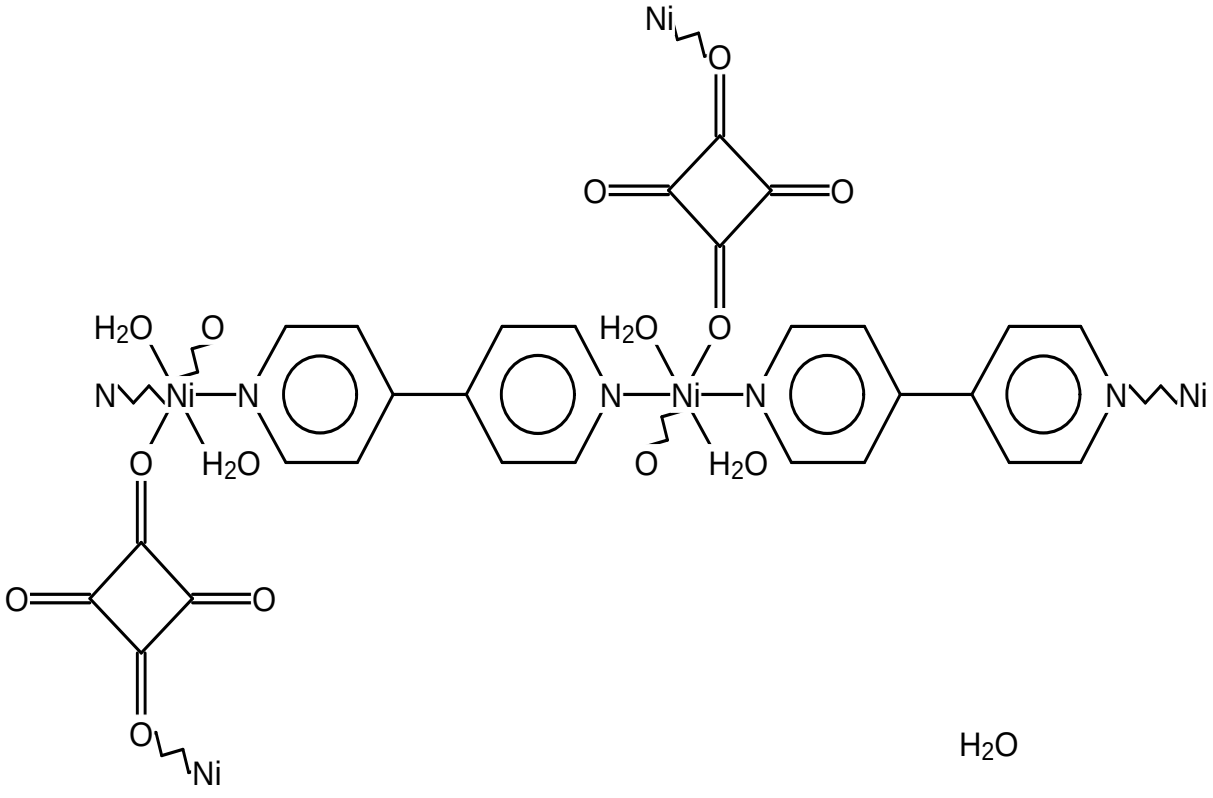
ULUKAN

Reference: J.Greve, I.Jess, C.Nather (2003) *J.Solid State Chem.* ,**175,** 328

Formula: $(C_{28}\ H_{24}\ N_4\ Ni_2\ O_{12})n,3.4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-2,2'-Bipyridine)-bis(μ_2-squarato)-tetraaqua-di-nickel(ii) hydrate clathrate)

Space Group:	P21/c	***Cell:***	***a***	18.271(1)	***b***	11.340(0)	***c*** 7.895(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.20(0)	γ 90.00
R-Factor (%):	3.19	***Temperature(K):***	170		***Density(g/cm^3):***		1.601



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2505

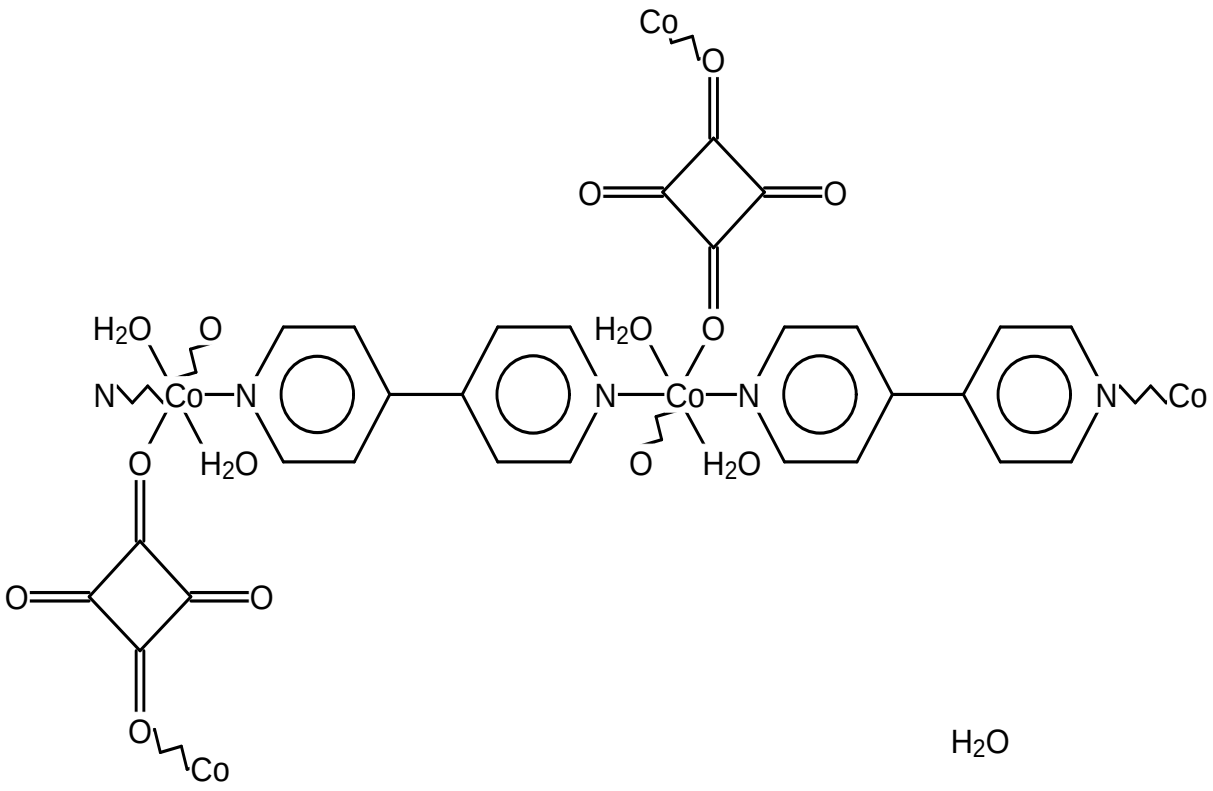
ULUKIV

Reference: J.Greve, I.Jess, C.Nather (2003) *J.Solid State Chem.* ,**175,** 328

Formula: $(C_{28}\ H_{24}\ Co_2\ N_4\ O_{12})n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-2,2'-Bipyridine)-bis(μ_2-squarato)-tetraaqua-di-cobalt(ii) hexahydrate clathrate)

Space Group:	P21/c	***Cell:***	***a***	18.937(1)	***b***	11.342(0)	***c*** 8.055(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.17(0)	γ 90.00
R-Factor (%):	4.44	***Temperature(K):***	170		***Density(g/cm^3):***		1.606



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2506

UMAMOK

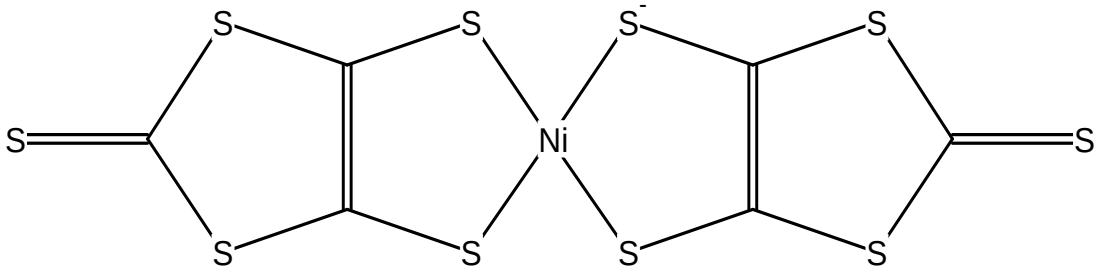
Reference: T.Hirose, H.Imai, T.Naito, T.Inabe (2002)
*J.Solid State Chem. ,***168,**535

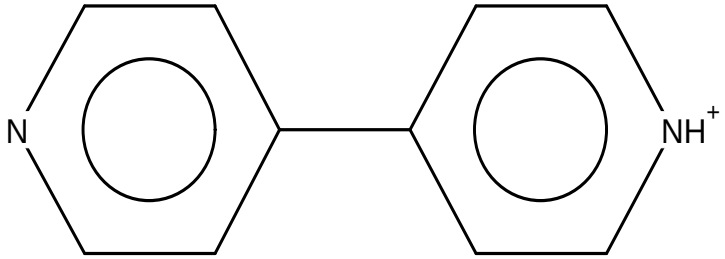
Formula: $C_{10}\ H_9\ N_2\ ^{1+}$,$C_6\ Ni_1\ S_{10}\ ^{1-}$,0.5($C_2\ H_3\ Cl_3$)

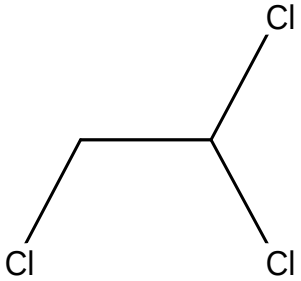
Compound Name: 4-(4-Pyridyl)pyridinium bis(1,3-dithiol-2-thione-4,5-dithiolato)-nickel 1,1,2-trichloroethane solvate

Space Group:	P-1	***Cell:***	***a***	11.868(0)	***b***	19.273(2)	***c*** 11.668(0)
Space Group No.:	2	***(Å,°)***	α	102.18(0)	β	95.29(0)	γ 105.47(0)

R-Factor (%): 4.43 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.807







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2507

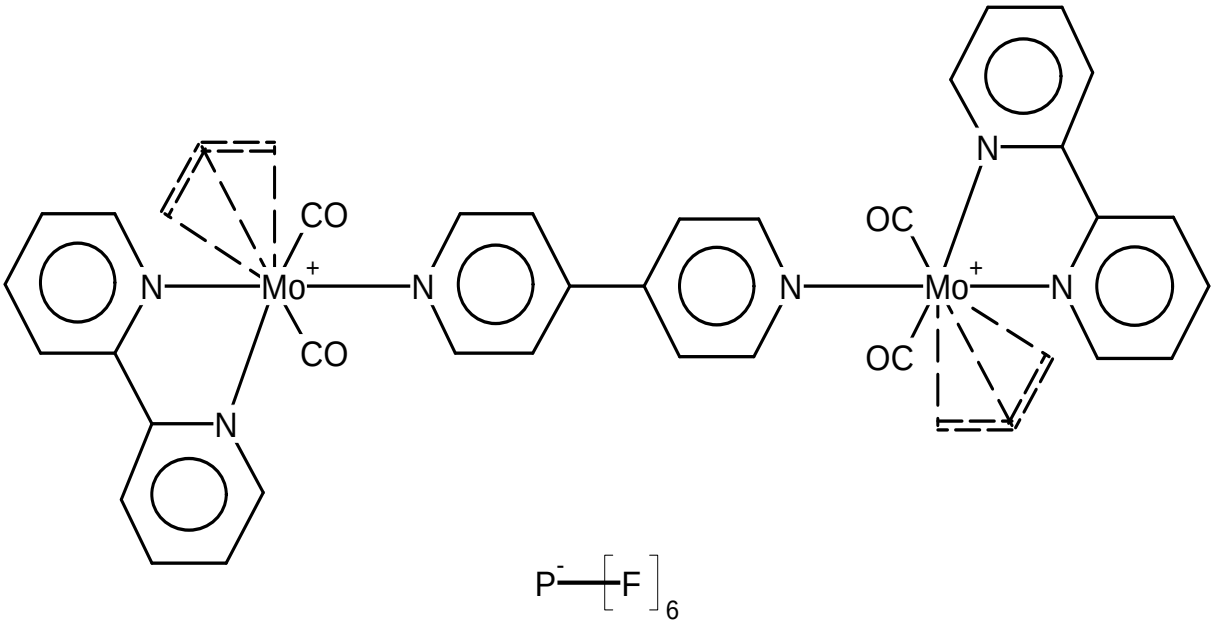
UMOVEX

Reference: P.M.F.J.Costa, M.Mora, M.J.Calhorda, V.Felix, P.Ferreira, M.G.B.Drew, H.Wadepohl (2003) *J.Organomet.Chem.* ,**687,**57

Formula: $C_{40}\ H_{34}\ Mo_2\ N_6\ O_4\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine)-bis((η^3-allyl)-(2,2'-bipridyl)-dicarbonyl-molybdenum) bis(hexafluorophosphate)

Space Group:	P21/n	***Cell:***	***a*** 7.938(9)	***b*** 11.525(13)	***c*** 30.642(32)
Space Group No.:	14	***(Å,°)***	α 90.00	β 93.98(1)	γ 90.00
R-Factor (%):	11.54	***Temperature(K):***	293	***Density(g/cm^3):***	1.359



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2508

UMUFAJ

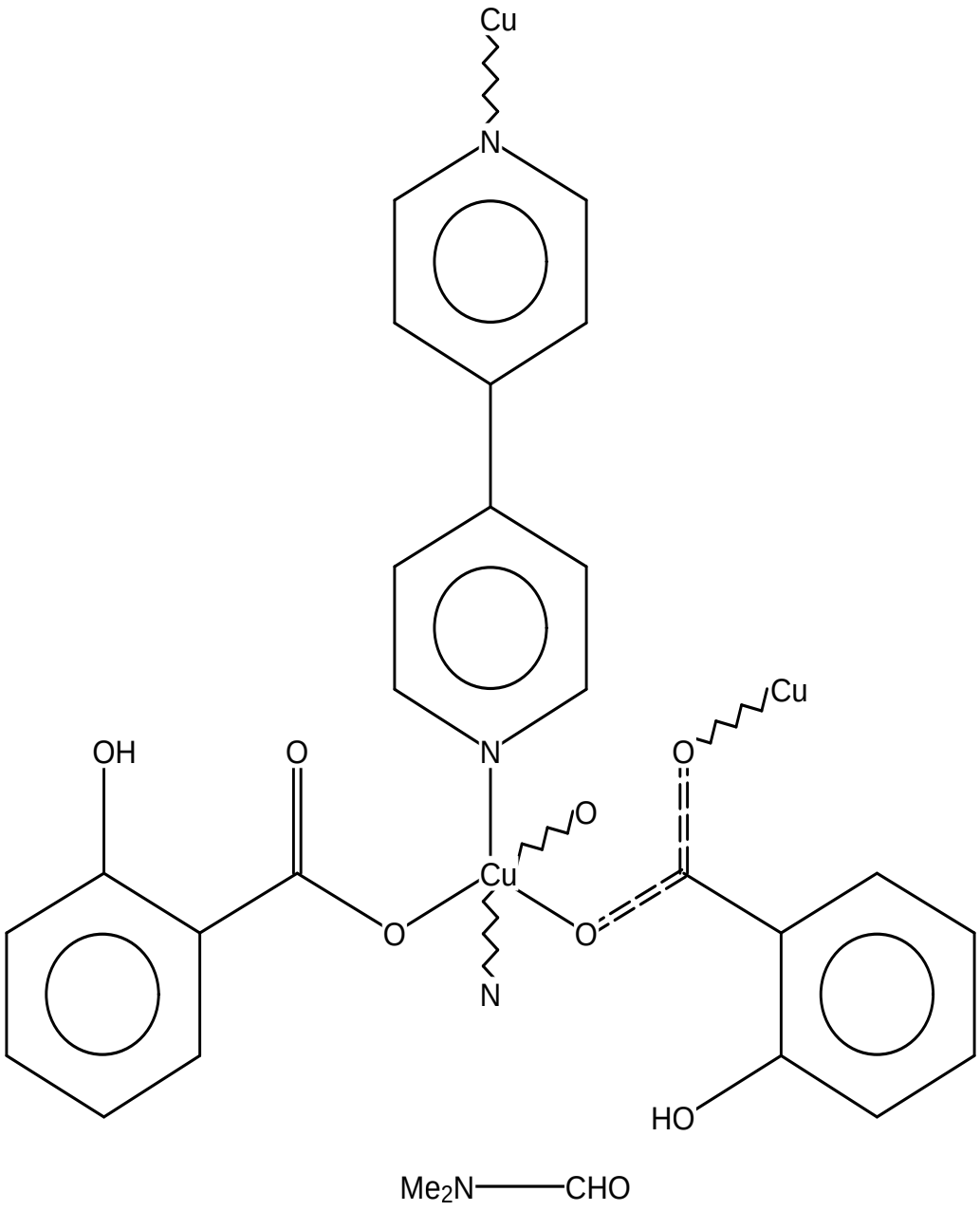
Reference: Long-Guan Zhu, S.Kitagawa, H.Miyasaka, Ho-Chol Chang (2003) *Inorg.Chim.Acta* ,**355,**121

Formula: $(C_{24}\ H_{18}\ Cu_1\ N_2\ O_6)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(trans-(μ_2-4,4-Bipyridine-N,N')-(μ_2-salicylato-O,O')-(salicylato-O)-copper(ii) dimethylformamide solvate)

Space Group:	P21/c	***Cell:***	***a*** 13.689(4)	***b*** 11.158(3)	***c*** 17.080(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 101.04(0)	γ 90.00

R-Factor (%): 5.45 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.471



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2509

UMUFEN

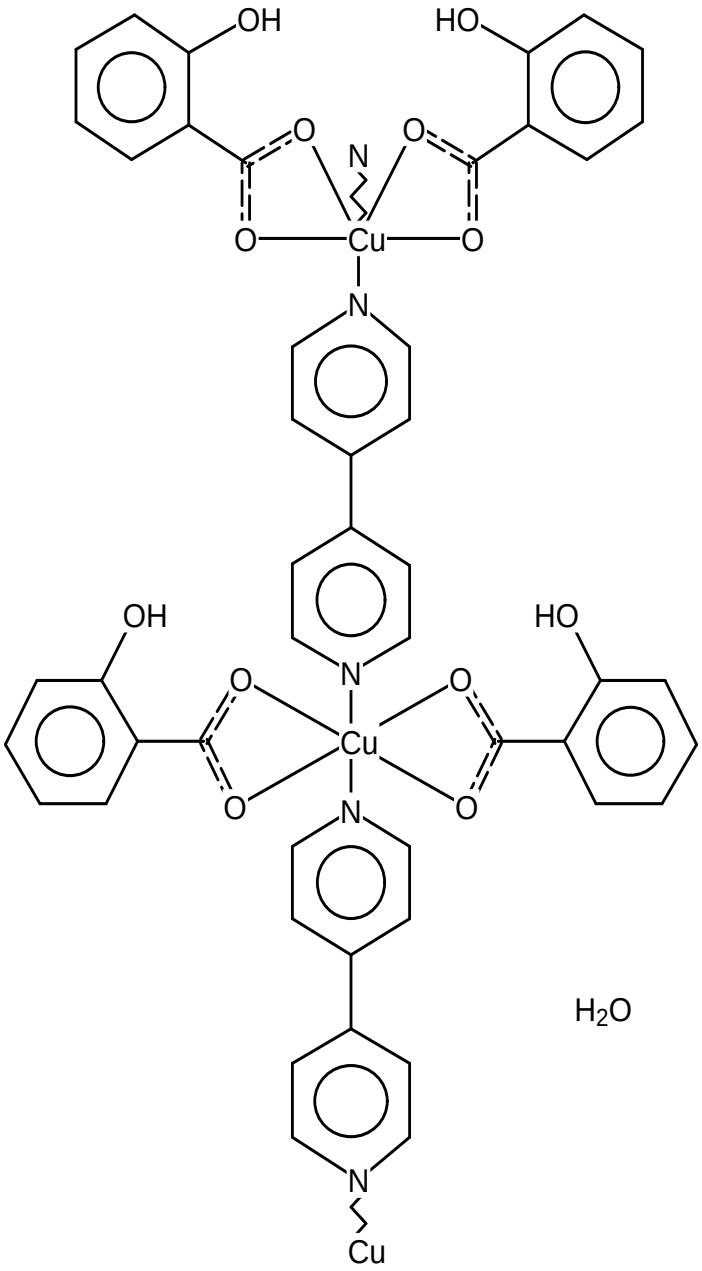
Reference: Long-Guan Zhu, S.Kitagawa, H.Miyasaka, Ho-Chol Chang (2003) *Inorg.Chim.Acta* ,**355,**121

Formula: $(C_{48}\ H_{36}\ Cu_2\ N_4\ O_{12})n,4n(H_2\ O_1)$

Compound Name: catena-(cis-bis(μ_2-4,4-Bipyridine)-tetrakis(salicylato-O,O')-di-copper(ii) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	10.377(1)	***b***	10.689(0)	***c***	11.026(1)
Space Group No.:	2	***(Å,°)***	α	86.18(0)	β	70.26(0)	γ	88.84(0)

R-Factor (%): 4.29 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.532



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2510

UMUFIR

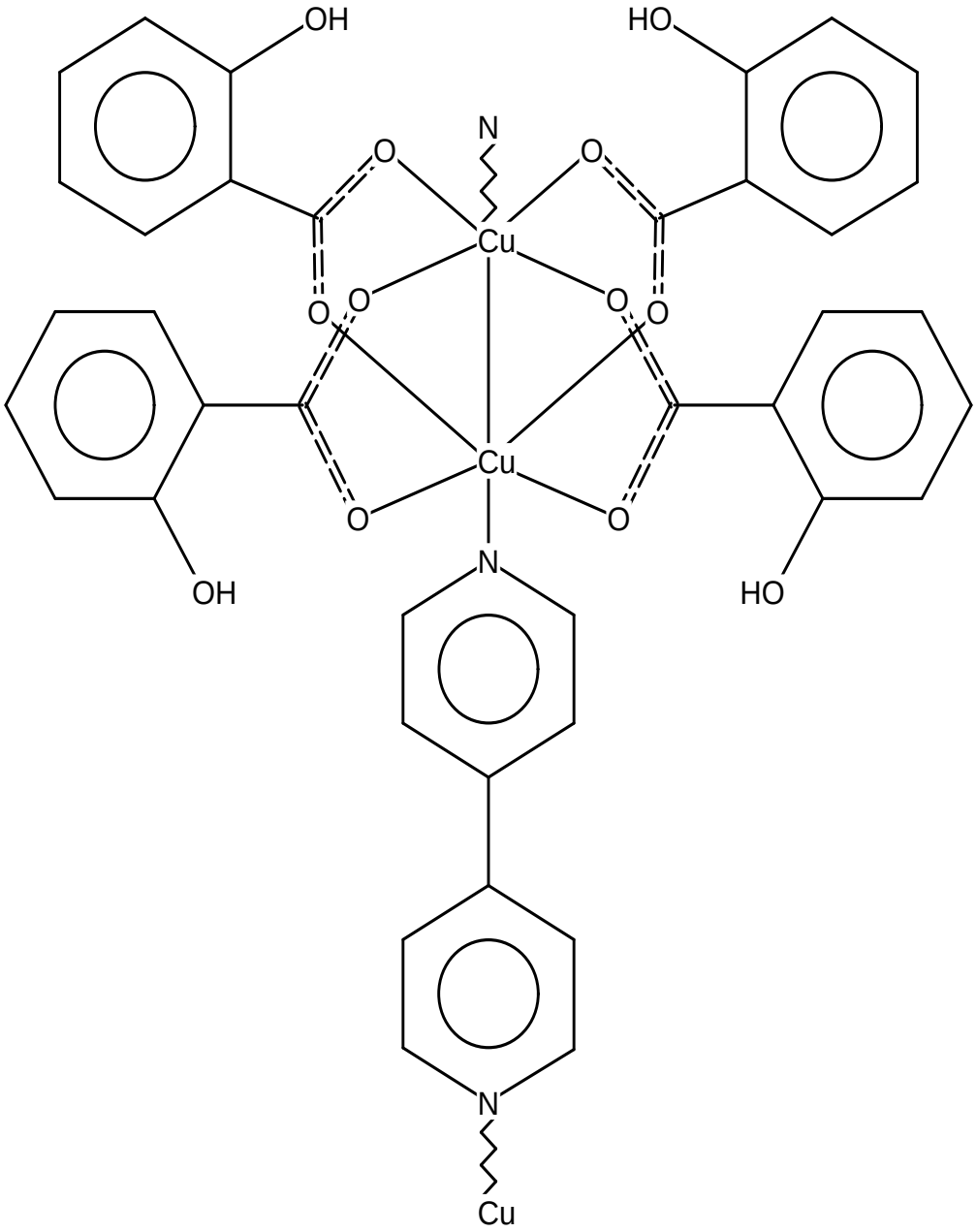
Reference: Long-Guan Zhu, S.Kitagawa, H.Miyasaka, Ho-Chol Chang (2003) *Inorg.Chim.Acta* ,**355,**121

Formula: $(C_{38}\ H_{28}\ Cu_2\ N_2\ O_{12})n$

Compound Name: catena-(tetrakis(μ_2-Salicylato-O,O')-(μ_2-4,4-bipyridine-N,N')-di-copper(ii))

Space Group:	I41cd	***Cell:***	***a***	13.965(0)	***b***	13.965(0)	***c***	38.110(1)
Space Group No.:	110	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.14 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.487



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2511

UNAGAR

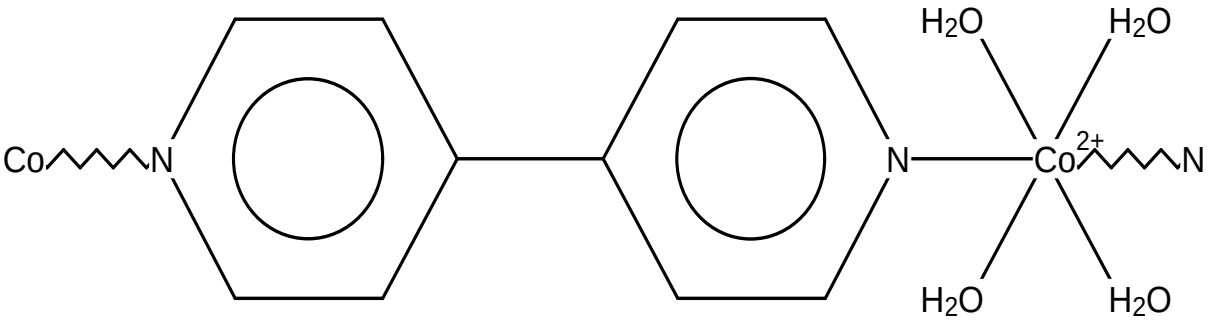
Reference: S.Konar, E.Zangrando, N.R.Chaudhuri (2003)
Inorg.Chim.Acta ,**355,**264

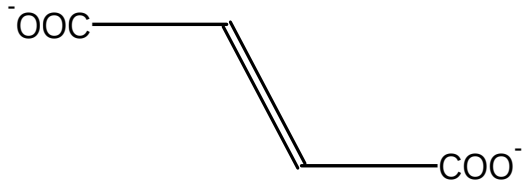
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-bipyridine)-tetraaqua-cobalt(ii) fumarate tetrahydrate

Space Group:	P-1	***Cell:***	***a***	7.071(2)	***b***	7.824(2)	***c*** 9.815(3)
Space Group No.:	2	***(Å,°)***	α	79.60(3)	β	86.76(2)	γ 72.52(3)

R-Factor (%): 4.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.543





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2512

UNAGAR01

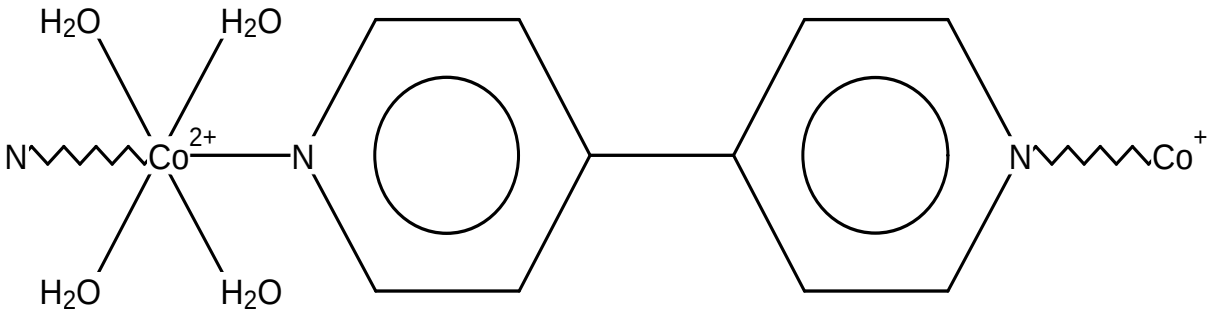
Reference: Liang Shen, Hua-Tong Wang, Yi-Jian Zhang (2004)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**20,**857

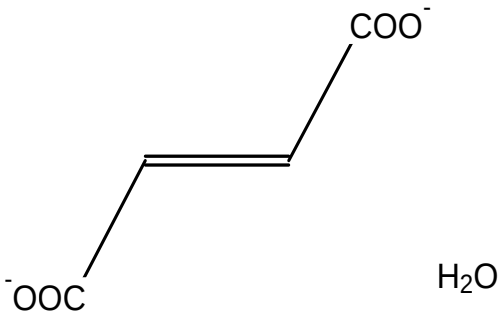
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetra-aqua-cobalt(ii) fumarate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.060(1)	***b***	7.814(1)	***c*** 9.808(1)
Space Group No.:	2	***(Å,°)***	α	79.61(1)	β	86.69(1)	γ 72.53(1)

R-Factor (%): 2.87 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.548





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2513

VADQUN

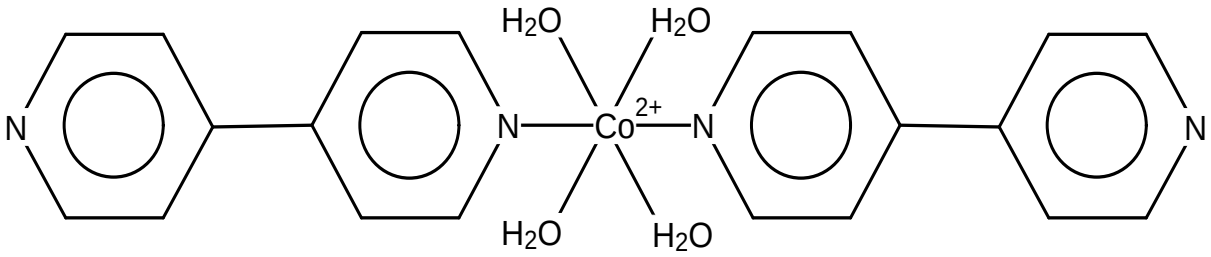
Reference: F.A.A.Paz, Y.Z.Khimyak, J.Klinowski (2003)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**59,**m8

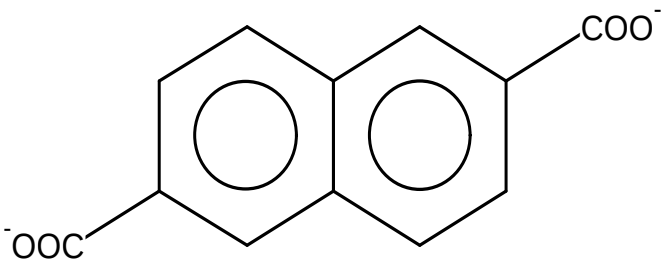
Formula: $C_{20}\,H_{24}\,Co_1\,N_4\,O_4\,^{2+},C_{12}\,H_6\,O_4\,^{2-},2(H_2\,O_1)$

Compound Name: bis(4,4'-Bipyridine)-tetra-aqua-cobalt(ii) 2,6-naphthalenedicarboxylate dihydrate

Space Group:	P-1	***Cell:***	***a***	6.986(0)	***b***	9.293(1)	***c*** 12.354(1)
Space Group No.:	2	***(Å,°)***	α	78.59(0)	β	84.02(0)	γ 73.74(0)

R-Factor (%): 4.60 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.528





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2514

VAFLOD

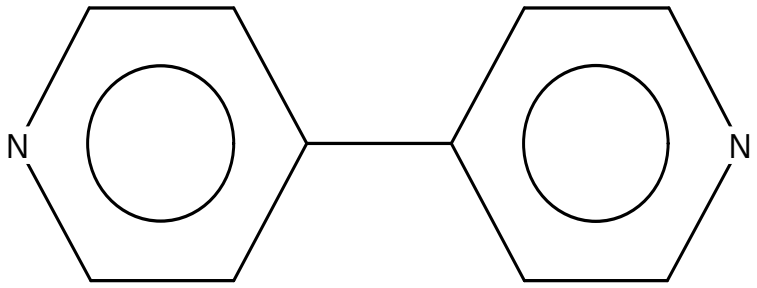
Reference: T.J.R.Weakley (1989)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***45,**525

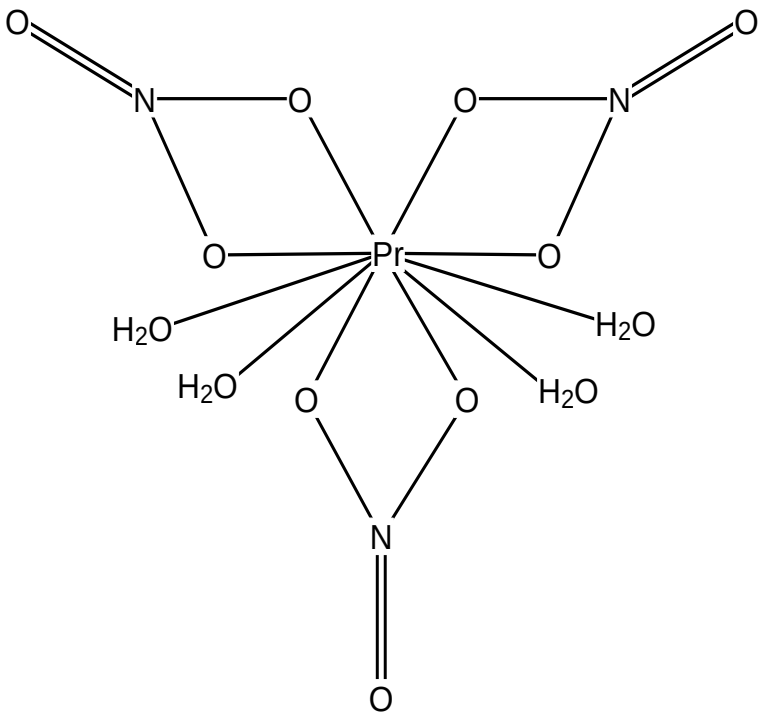
Formula: $2(C_{10}\ H_8\ N_2),H_8\ N_3\ O_{13}\ Pr_1,H_2\ O_1$

Compound Name: Tetra-aqua-tris(nitrato-O,O')-praseodymium 4,4'-bipyridine solvate monohydrate

Space Group:	P212121	***Cell:***	***a***	7.142(3)	***b***	16.119(12)	***c***	24.816(24)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.10	***Temperature(K):***	295	***Density(g/cm^3):***	1.696





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2515

VAHQIF

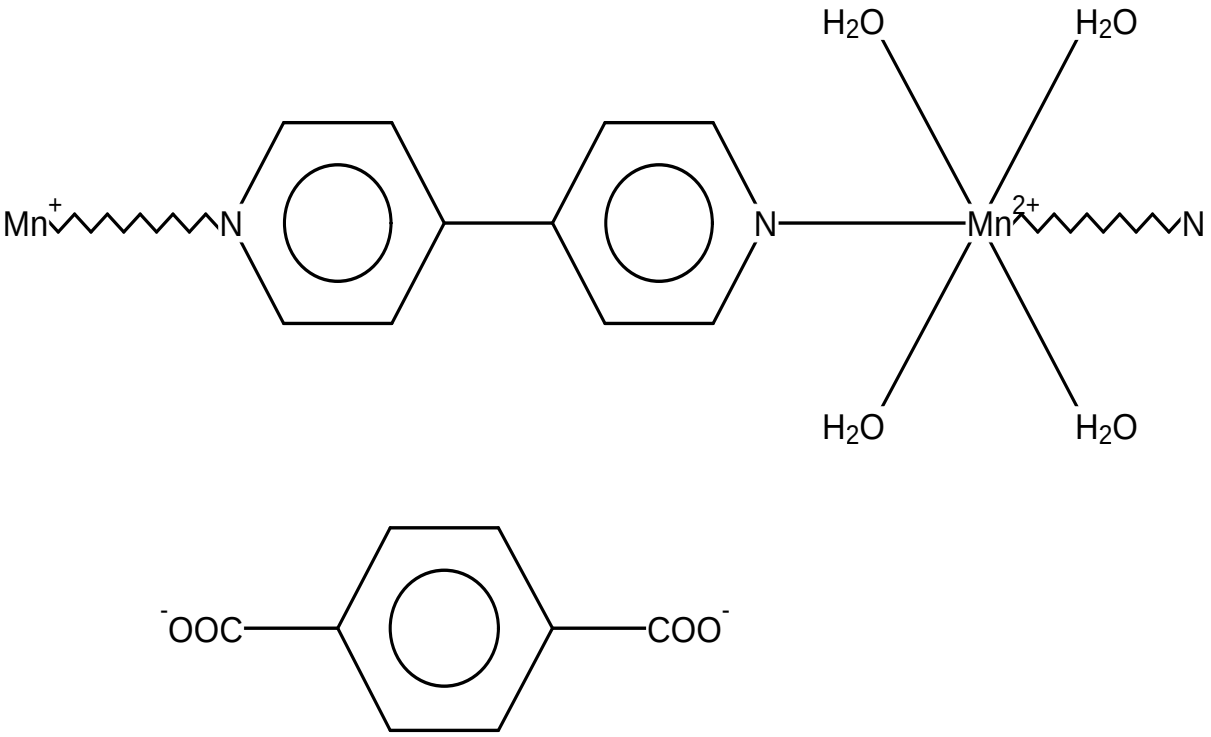
Reference: Rui-Hu Wang, Li-Hua Chen, Mao-Chun Hong, Jun-Hua Luo, Rong Cao, Jia-Bao Weng (2003) *Jiegou Huaxue(Chin.J.Struct.Chem.) ,***22,**50

Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-tetra-aqua-manganese(ii) 1,4-benzenedicarboxylate)

Space Group:	P2/n	***Cell:***	***a***	7.000(0)	***b*** 11.554(0)	***c***	11.419(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.75(0)	γ	90.00

R-Factor (%): 4.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.643



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2516

VAHQIF01

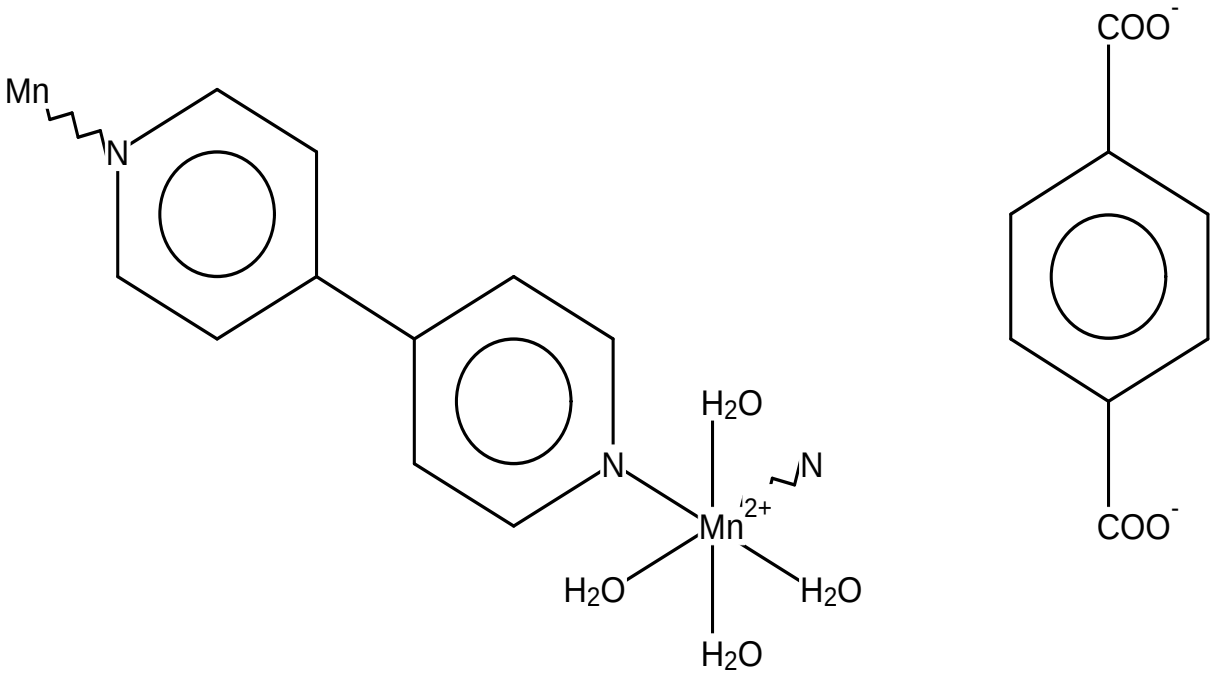
Reference: S.C.Manna, S.Konar, E.Zangrando, K.Okamoto, J.Ribas, N.R.Chaudhuri (2005) *Eur.J.Inorg.Chem.* ,4646

Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-})$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-tetraaqua-manganese(ii) terephthalate]

Space Group:	P2/n	***Cell:***	***a***	6.995(4)	***b***	11.565(6)	***c*** 11.420(6)
Space Group No.:	13	***(Å,°)***	α	90.00	β	101.82(0)	γ 90.00

R-Factor (%): 3.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.643



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2517

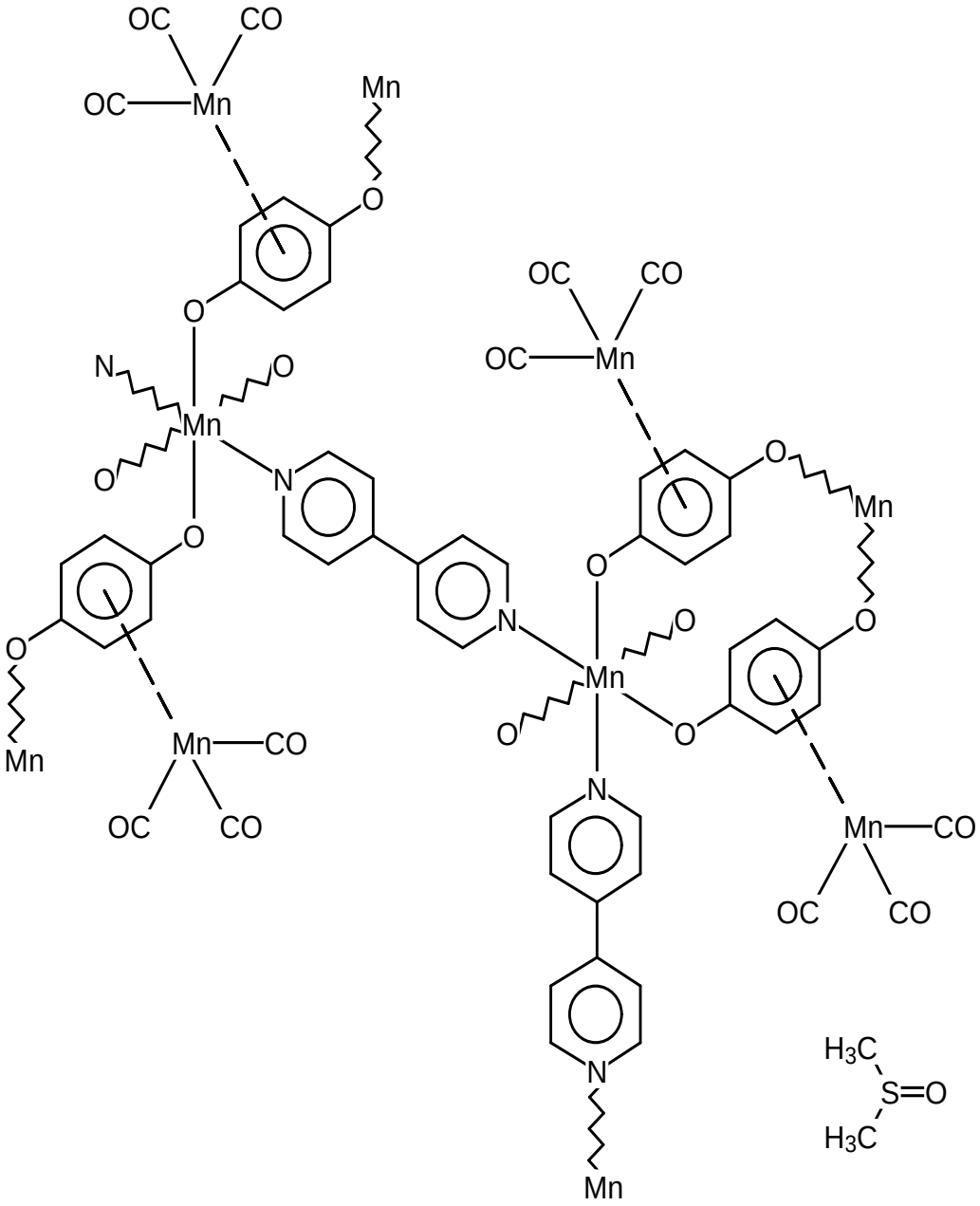
VAJDIU

Reference: Moonhyun Oh, G.B.Carpenter, D.A.Sweigart (2002) *Angew.Chem.,Int.Ed. ,***41,**3650

Formula: $(C_{56}\ H_{32}\ Mn_6\ N_4\ O_{20})n,6n(C_2\ H_6\ O_1\ S_1)$

Compound Name: catena-(tetrakis(μ_3-η^6-1,4-Benzoquinone)-bis(μ_2-4,4'-bipyridyl)-dodecacarbonyl-hexa-manganese dimethylsulfoxide solvate)

Space Group:	C2/c	***Cell:***	***a***	39.700(3)	***b***	8.366(0)	***c***	24.390(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.13(0)	γ	90.00
R-Factor (%):	6.76	***Temperature(K):***	298		***Density(g/cm^3):***		1.541	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2518

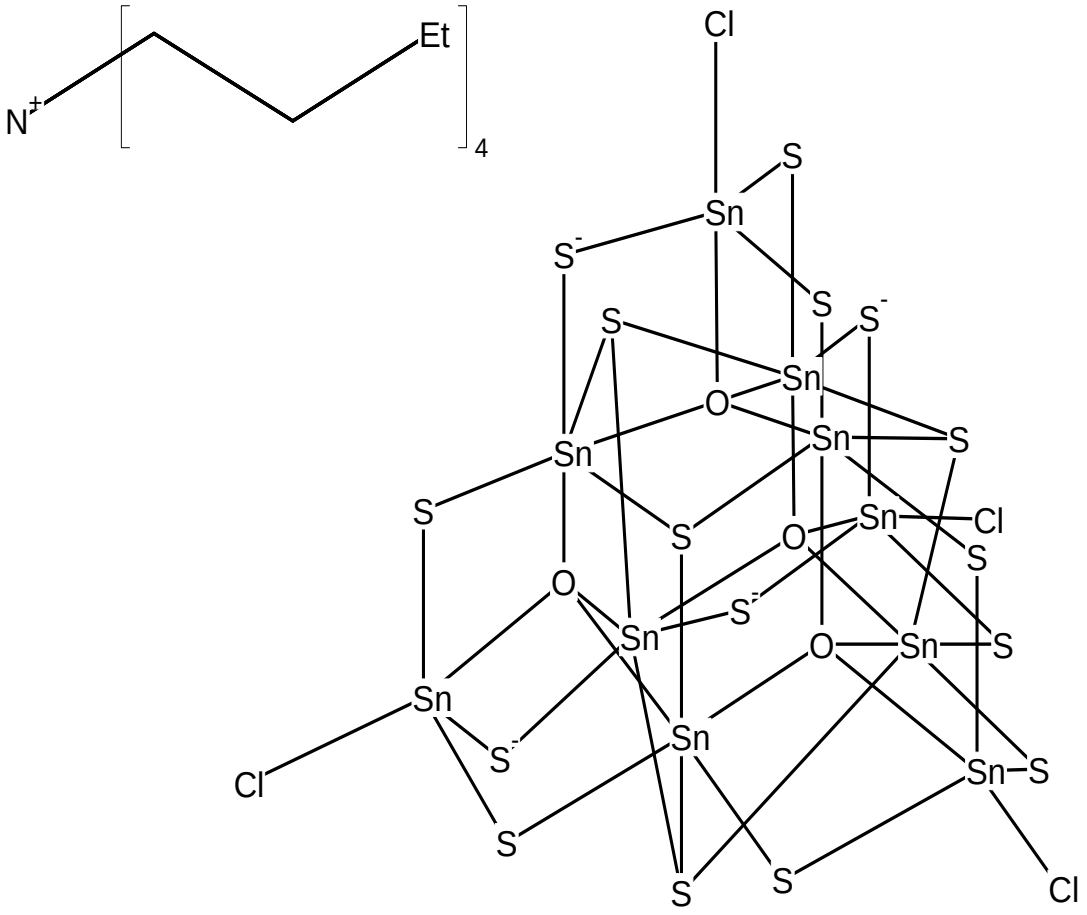
VAJQON

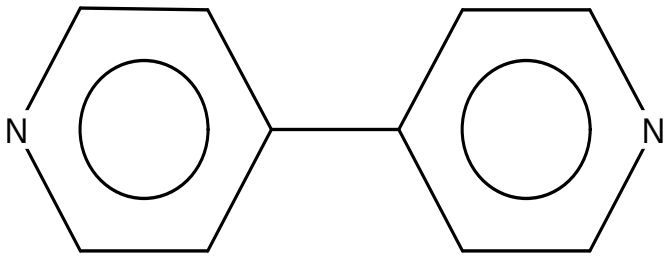
Reference: Jian-Jun Zhang, Sheng-Min Hu, Xin-Tao Wu, Wen-Xin Du, Rui-Biao Fu, Long-Sheng Wang (2003) *Inorg.Chem.Commun.* ,**6,**744

Formula: $4(C_{16}H_{36}N_1{}^{1+}),Cl_4O_4S_{16}Sn_{10}{}^{4-},C_{10}H_8N_2$

Compound Name: tetrakis(n-butylammonium) tetrakis(μ_4-oxo)-tetrakis(μ_3-sulfido)-dodecakis(μ_2-sulfido)-tetrachloro-deca-tin 4,4'-bipyridyl solvate

Space Group:	Pbcn	***Cell:***	***a*** 24.448	***b*** 17.867(0)	***c*** 26.758(0)
Space Group No.:	60	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	6.51	***Temperature(K):***	293	***Density(g/cm^3):***	1.723





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2519

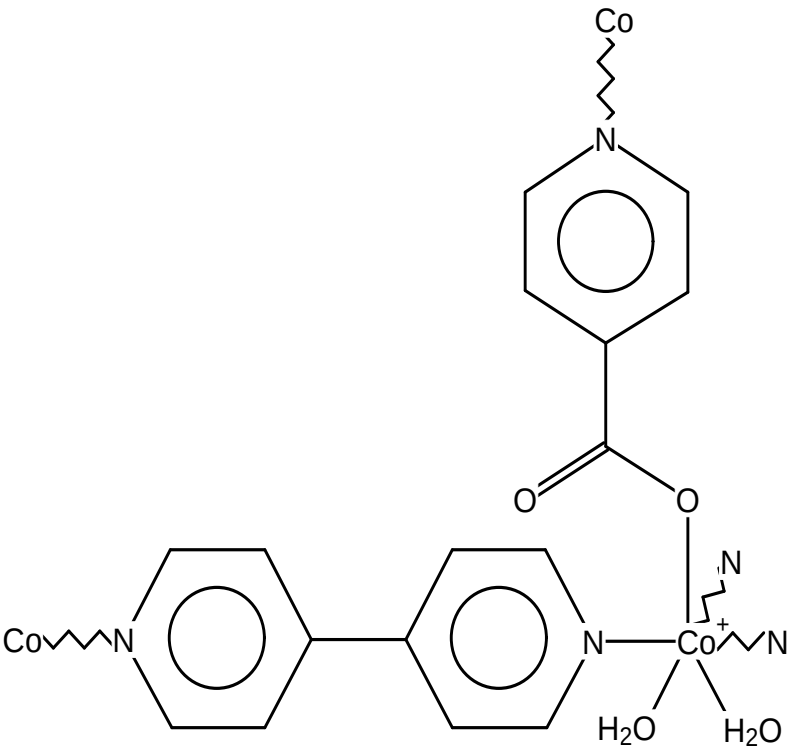
VALQII

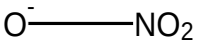
Reference: L.R.MacGillivray, R.H.Groeneman, J.L.Atwood (1998) *J.Am.Chem.Soc. ,***120,**2676

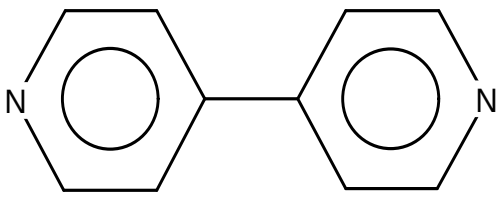
Formula: $(C_{16}\ H_{16}\ Co_1\ N_3\ O_4\ ^{1+})n,n(C_{10}\ H_8\ N_2),n(N_1\ O_3\ ^{1-}),1.5n(H_2\ O_1)$

Compound Name: catena((μ2-4,4-Bipyridine)-(μ2-pyridine-4-carboxylato-O)-diaqua-cobalt 4,4-Bipyridine nitrate sesquihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.506(1)	***b***	18.422(1)	***c*** 14.598(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.99(0)	γ 90.00
R-Factor (%):	6.29	***Temperature(K):***	173	***Density(g/cm3):***	1.341		







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2520

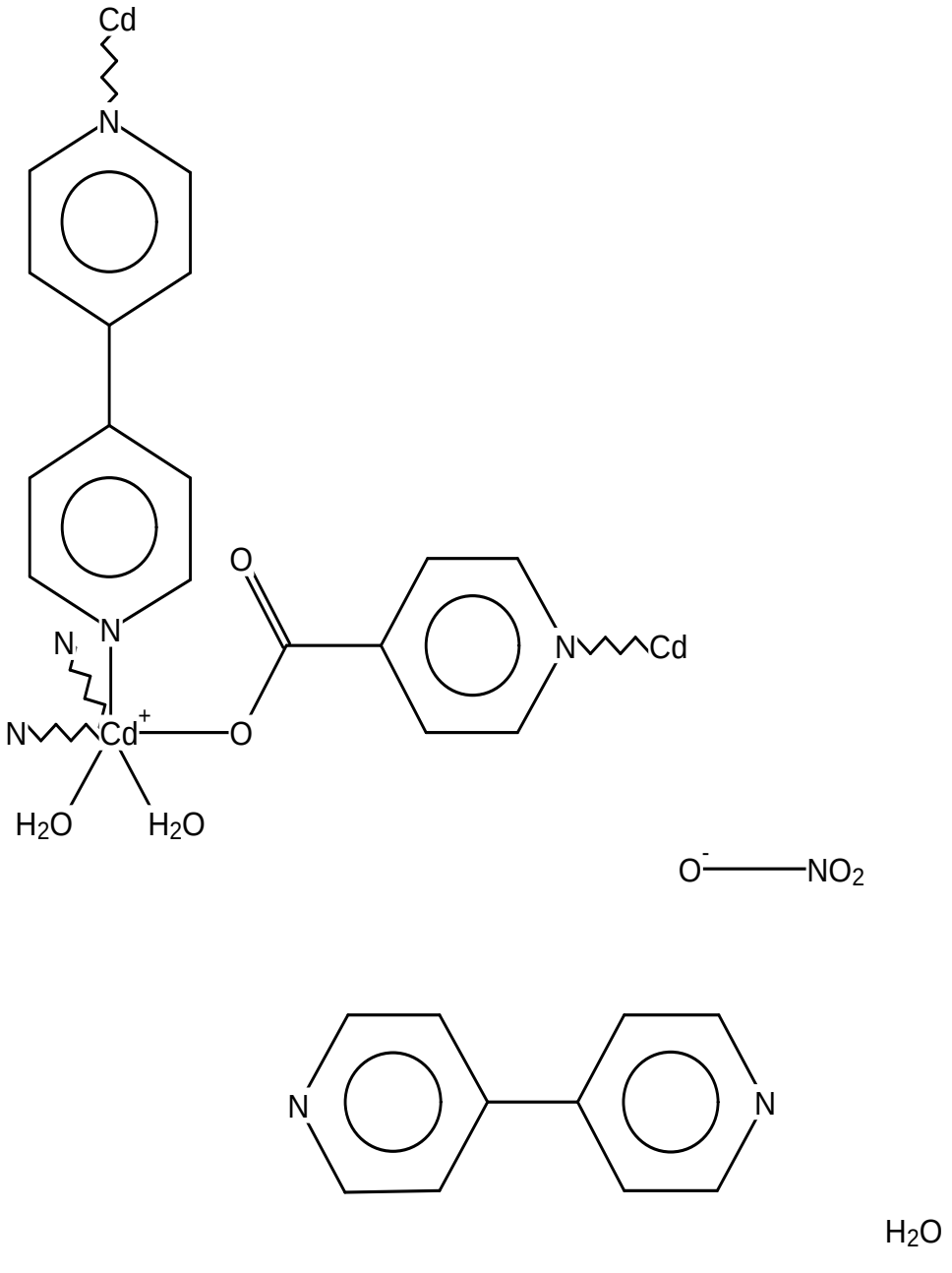
VALQOO

Reference: L.R.MacGillivray, R.H.Groeneman, J.L.Atwood (1998) *J.Am.Chem.Soc. ,***120,**2676

Formula: $(C_{16}\ H_{16}\ Cd_1\ N_3\ O_4\ ^{1+})n,n(N_1\ O_3\ ^{1-}),n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena((μ2-4,4'-Bipyridine)-(μ2-pyridine-4-carboxylate)-diaqua-cadmium nitrate bipyridine monohydrate)

Space Group:	P21/c	***Cell:***	***a***	11.809(0)	***b***	19.033(0)	***c***	14.344(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.63(0)	γ	90.00
R-Factor (%):	5.20	***Temperature(K):***	173		***Density(g/cm3):***		1.382	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2521

VANFOF

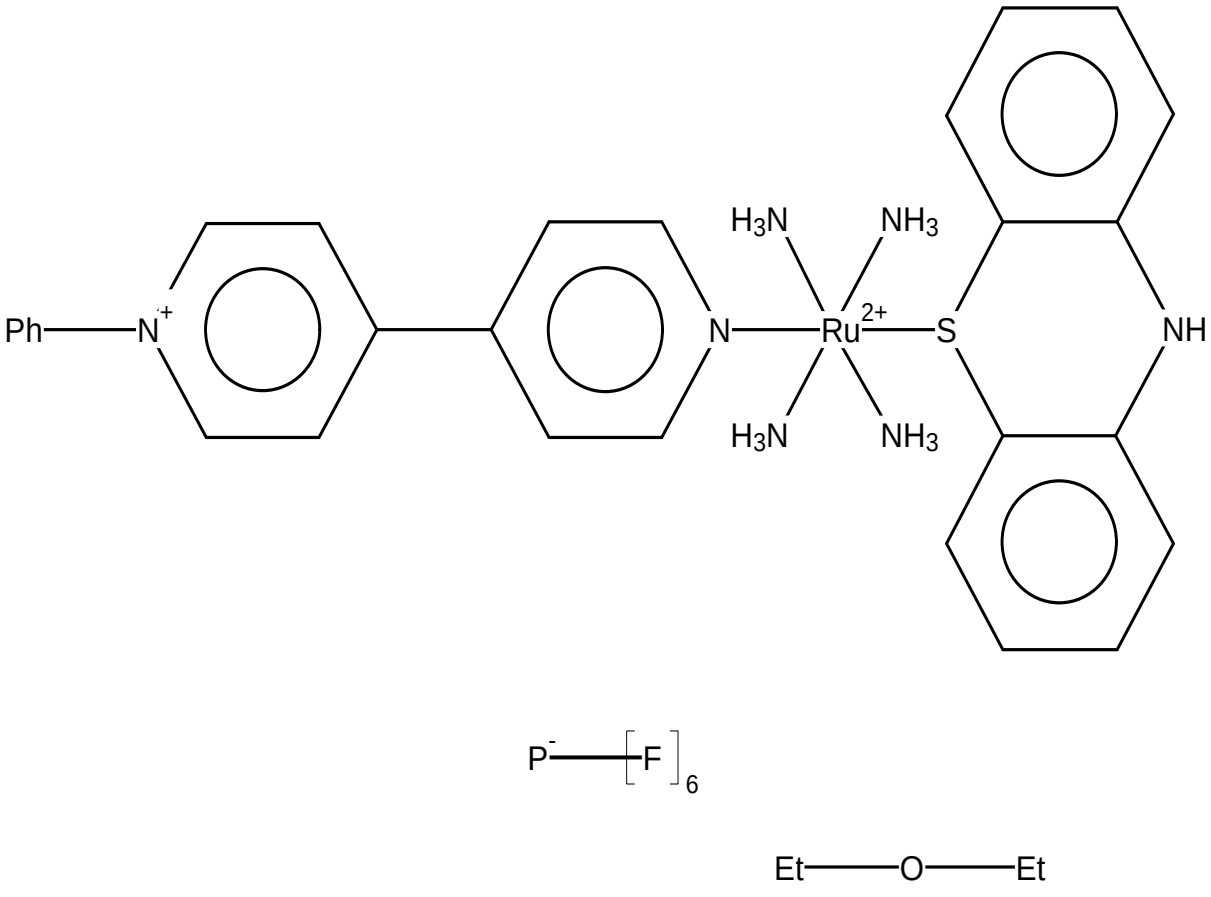
Reference: B.J.Coe, J.A.Harris, L.J.Harrington, J.C.Jeffery, L.H.Rees, S.Houbrechts, A.Persoons (1998) *Inorg.Chem. ,***37,**3391

Formula: $C_{28}\ H_{34}\ N_7\ Ru_1\ S_1\ ^{3+},3(F_6\ P_1\ ^{1-}),C_4\ H_{10}\ O_1$

Compound Name: trans-Tetra-ammine-(N-phenyl-4,4'-bipyridinium-N')-(phenothiazine-S)-ruthenium(ii) tris(hexafluorophosphate) diethyl ether solvate

Space Group:	P-1	***Cell:***	***a***	10.310(3)	***b***	10.698(2)	***c*** 20.986(4)
Space Group No.:	2	***(Å,°)***	α	95.09(2)	β	91.49(2)	γ 105.53(2)

R-Factor (%): 5.32 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.663



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2522

VAPROT

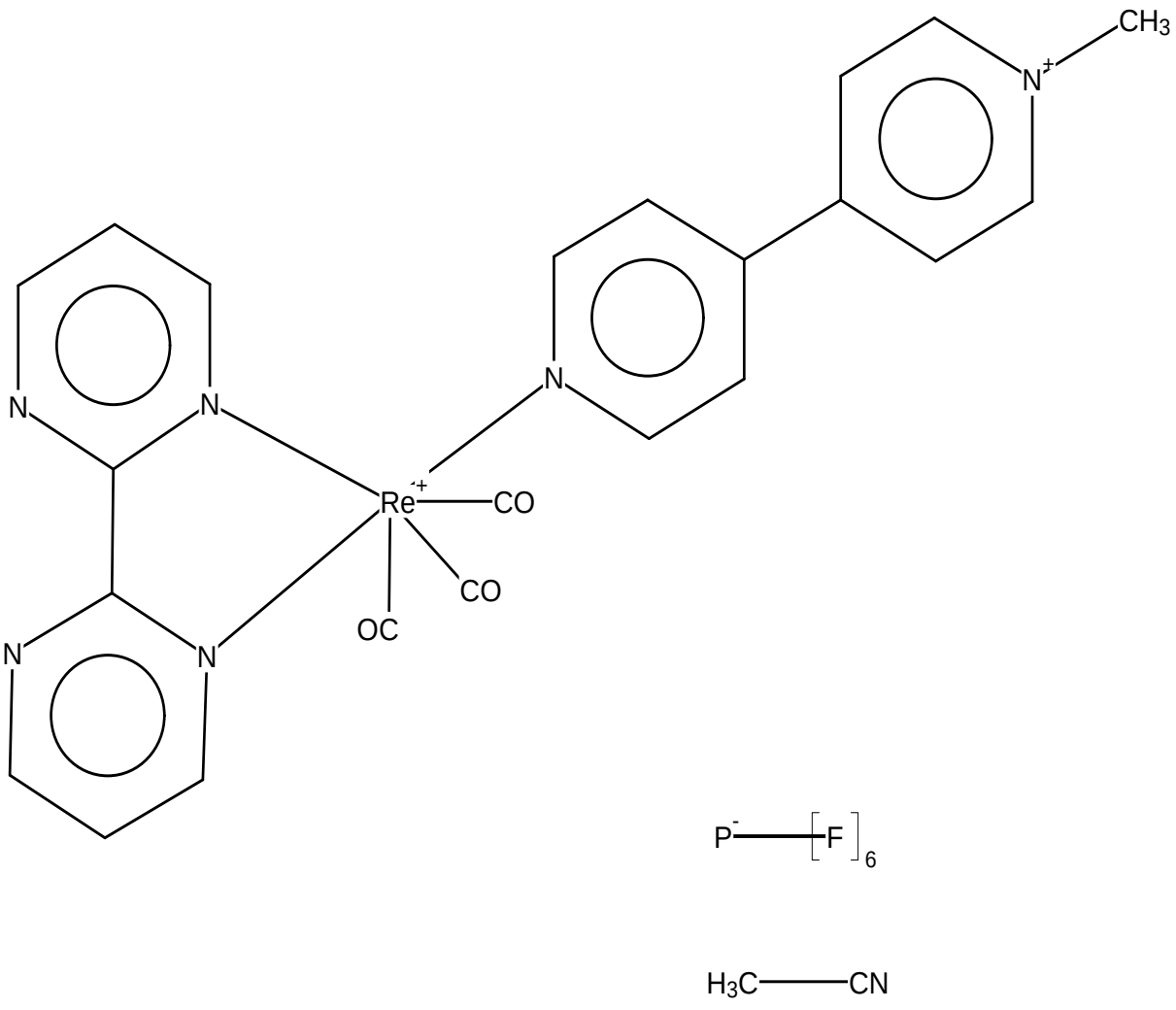
Reference: L.N.Winslow, D.P.Rillema, J.H.Welch, P.Singh (1989) *Inorg.Chem. ,***28,**1596

Formula: $C_{22}\ H_{17}\ N_6\ O_3\ Re_1\ ^{2+},2(F_6\ P_1\ ^{1-}),C_2\ H_3\ N_1$

Compound Name: (2,2'-Bipyrimidine-N,N')-tricarbonyl-(N-methyl-4,4'-bipyridinium-N)-rhenium(i) bis(hexafluorophosphate) acetonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	41.190(10)	***b***	11.263(2)	***c*** 14.582(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	102.94(2)	γ 90.00

R-Factor (%): 7.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.875



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2523

VAQBEU

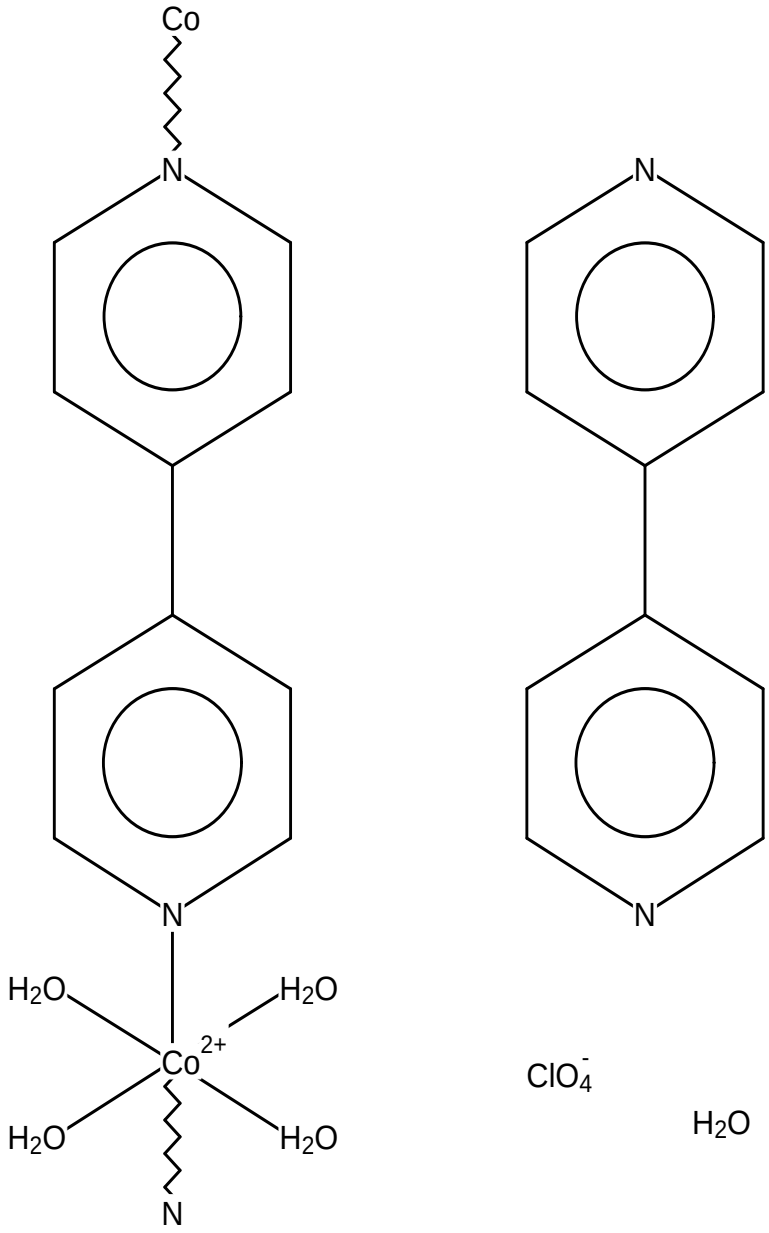
Reference: Ming-Liang Tong, Ji-Wen Cai, Xiao-Lan Yu, Xiao-Ming Chen, Seik Weng Ng, T.C.W.Mak (1998) *Aust.J.Chem.* ,**51,** 637

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(C_{10}\ H_8\ N_2),2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(Tetra-aqua-(μ_2-4,4'-bipyridine)-cobalt(ii) diperchlorate 4,4'-bipyridine solvate dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.113(2)	***b***	11.093(2)	***c*** 11.394(2)
Space Group No.:	2	***(Å,°)***	α	64.04(3)	β	70.18(3)	γ 66.91(3)

R-Factor (%): 4.33 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.485



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2524

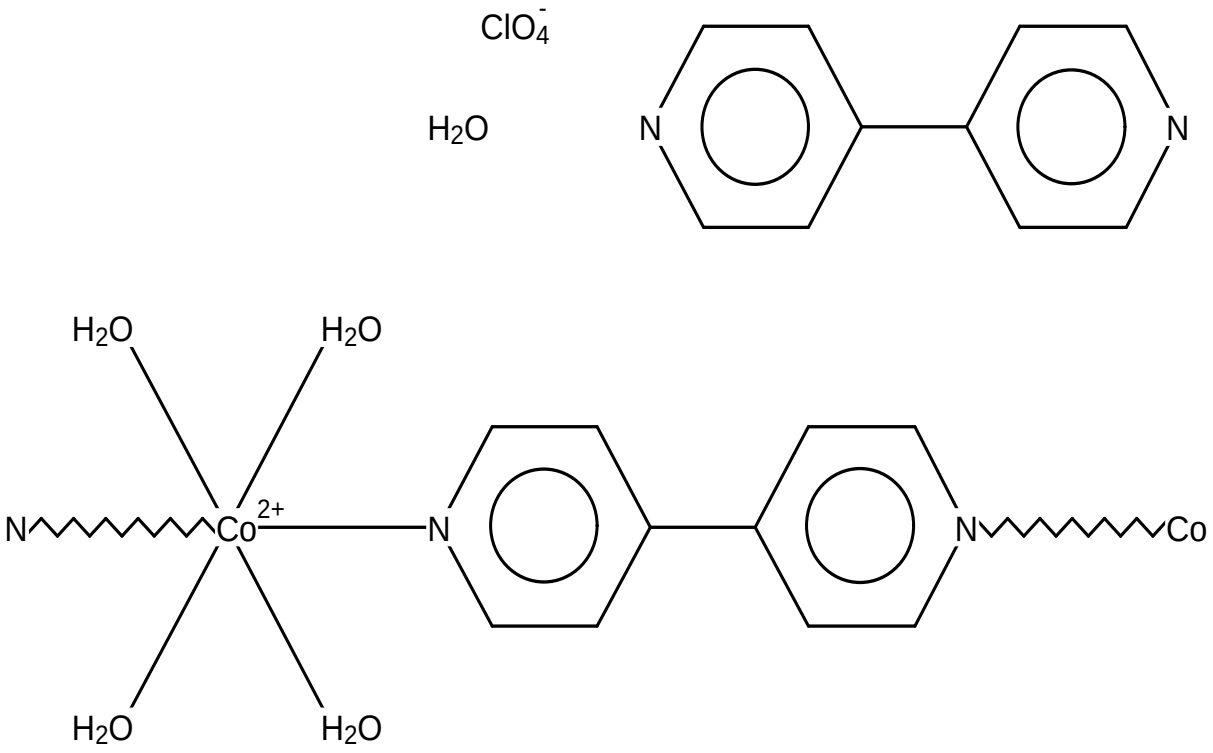
VAQBEU01

Reference: J.H.Nettleman, R.L.LaDuca (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m1485

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(H_2\ O_1),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)-tetraaqua-di-cobalt(ii) di-perchlorate 4,4'-bipyridine solvate dihydrate)

Space Group:	P-1	***Cell:***	***a***	8.959(1)	***b***	10.846(2)	***c*** 11.433(2)
Space Group No.:	2	***(Å,°)***	α	64.29(0)	β	71.75(0)	γ 66.85(0)
R-Factor (%):	3.02	***Temperature(K):***	173		***Density(g/cm^3):***		1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2525

VAQBIY

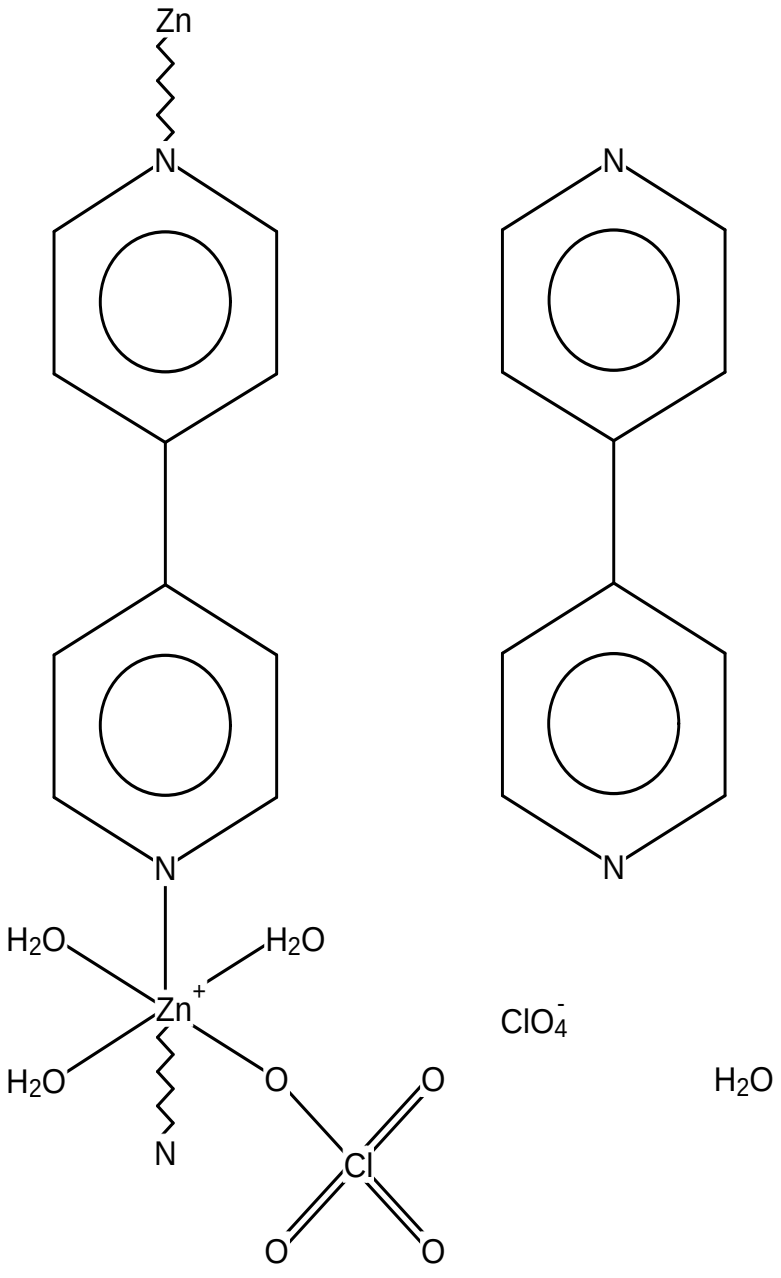
Reference: Ming-Liang Tong, Ji-Wen Cai, Xiao-Lan Yu, Xiao-Ming Chen, S.W.Ng, T.C.W.Mak (1998) *Aust.J.Chem.* ,**51,**637

Formula: $(C_{10}\ H_{14}\ Cl_1\ N_2\ O_7\ Zn_1\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-(Tri-aqua-(μ_2-4,4'-bipyridine)-(perchlorato-O)-zinc(ii) perchlorate 4,4'-bipyridine solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.023(1)	***b*** 11.299(2)	***c***	16.397(2)
Space Group No.:	2	***(Å,°)***	α	74.43(1)	β 83.13(0)	γ	70.65(1)

R-Factor (%): 5.33 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.590



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2526

VAQBIY01

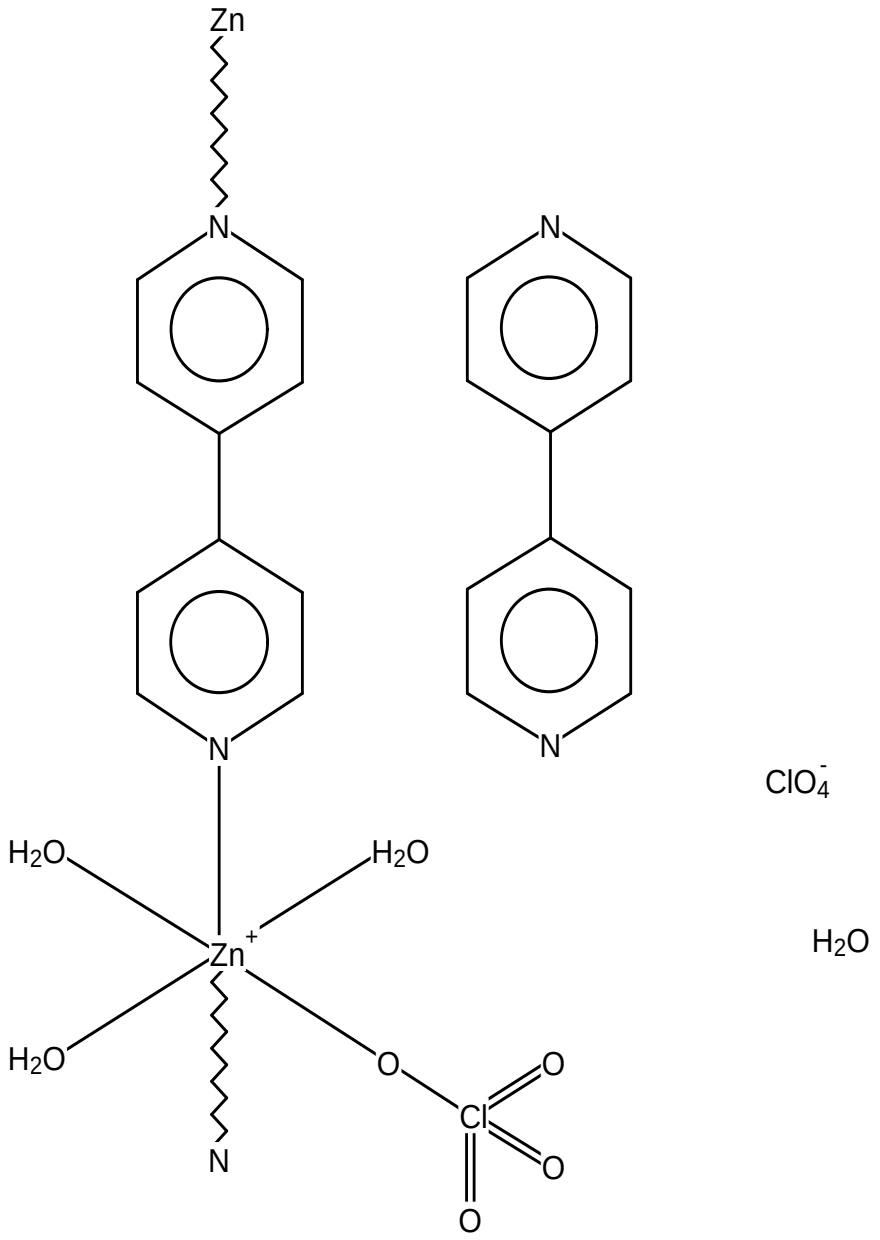
Reference: Cai-Ming Liu, Xiao-Zeng You, Wei Chen (1998)
J.Coord.Chem. ,**46,**183

Formula: $(C_{10}\ H_{14}\ Cl_1\ N_2\ O_7\ Zn_1\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-tri-aqua-(perchlorato-O)-zinc(ii) perchlorate hemikis(4,4'-bipyridyl) clathrate 4,4'-bipyridyl solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.019(0)	***b***	11.307(2)	***c***	16.437(3)
Space Group No.:	2	***(Å,°)***	α	74.64(1)	β	83.15(1)	γ	70.88(1)

R-Factor (%): 5.15 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.582



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2527

VAQBIY02

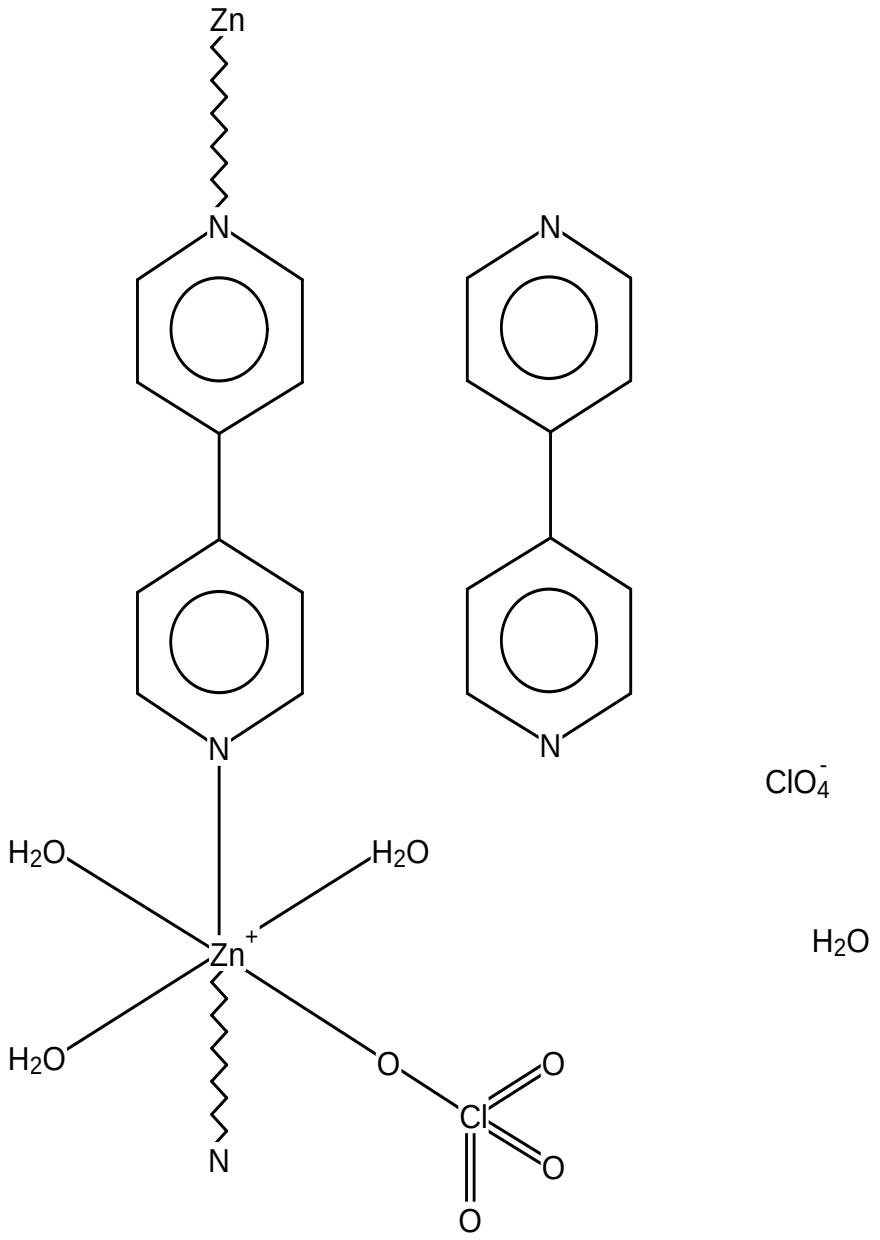
Reference: Jian-Fang Ma, Jing-Fu Liu, Heng-Qing Jia, Yan Xing, Yong-Hua Lin (2003) *Private Communication ,*

Formula: $(C_{10}\ H_{14}\ Cl_1\ N_2\ O_7\ Zn_1\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),1.5n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-tri-aqua-(perchlorato-O)-zinc(ii) perchlorate hemikis(4,4'-bipyridyl) clathrate 4,4'-bipyridyl solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	9.003(2)	***b***	11.302(2)	***c***	16.425(3)
Space Group No.:	2	***(Å,°)***	α	74.81(3)	β	83.22(3)	γ	70.89(3)

R-Factor (%): 4.98 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.585



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2528

VAQDUM

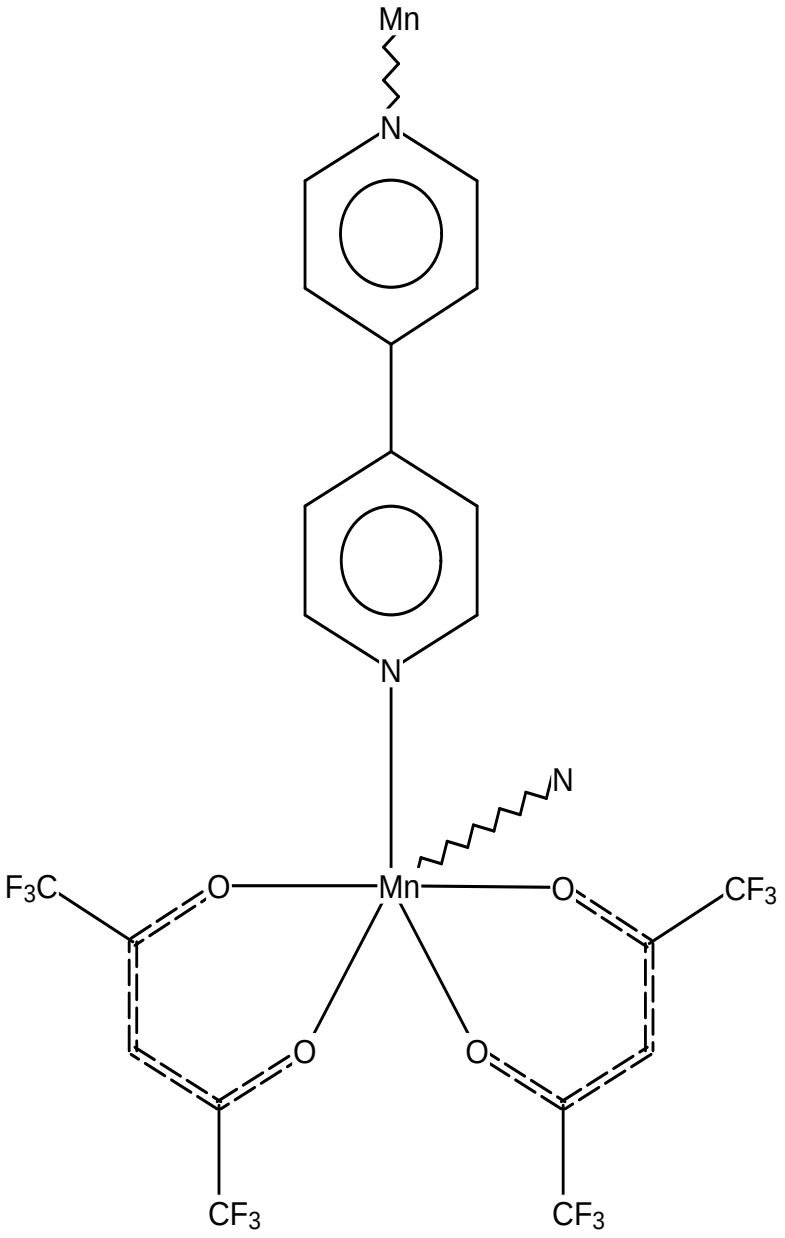
Reference: Hao-Yu Shen, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan, Bai-Wan Sun, Geng-Lin Wang, Xin-Kan Yao, Hong-Gen Wang (1998) *Polyhedron ,***17,**1953

Formula: $(C_{20}\ H_{10}\ F_{12}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(hexafluoroacetylacetonato-O,O')-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	9.852(2)	***b***	17.026(3)	***c***	14.208(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.68(3)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.748



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2529

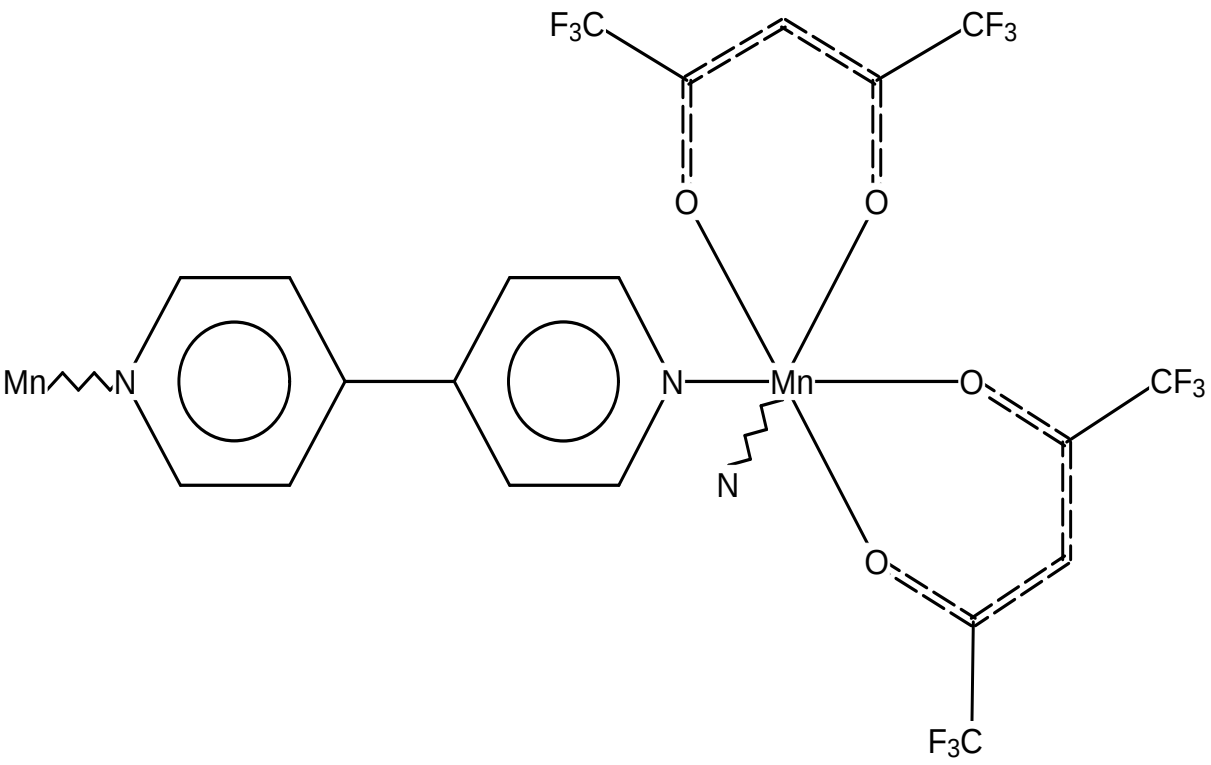
VAQDUM01

Reference: M.J.Plater, M.R.St.J.Foreman, A.M.Z.Slawin (2000) *Inorg.Chim.Acta* ,**303,**132

Formula: $(C_{20}\ H_{10}\ F_{12}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-(cis-(μ_2-4,4'-Bipyridine)-bis(hexafluoroacetylacetonato)-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	9.863(0)	***b***	17.025(0)	***c*** 14.210(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.63(0)	γ 90.00
R-Factor (%):	3.41	***Temperature(K):***	293		***Density(g/cm^3):***		1.746



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2530

VASBUN

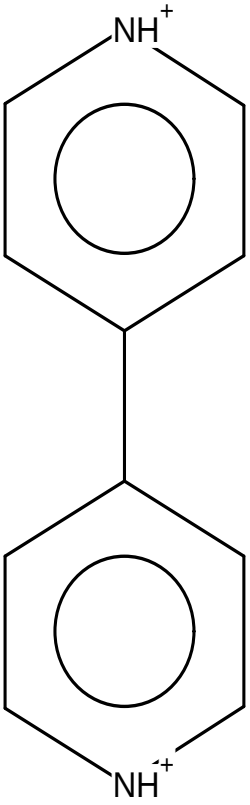
Reference: Xiaoming Ren, Jingli Xie, Youcun Chen, R.K.Kremer (2003) *J.Mol.Struct.* ,**660,**139

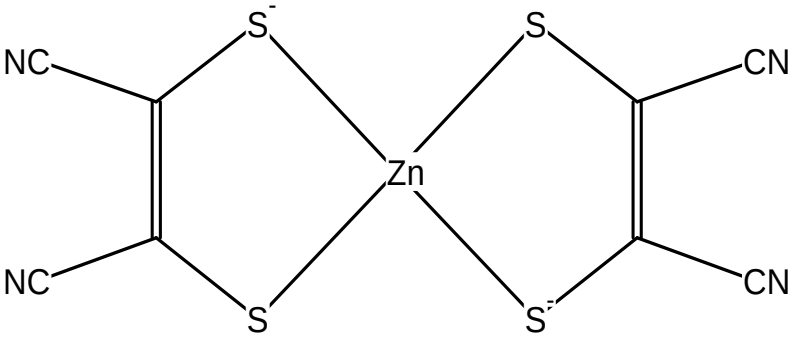
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_8\,N_4\,S_4\,Zn_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium bis(maleonitriledithiolato)-zinc(ii)

Space Group:	C2/c	***Cell:***	***a***	64.729(7)	***b***	8.031(1)	***c*** 12.180(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.49	γ 90.00

R-Factor (%): 6.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.593





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2531

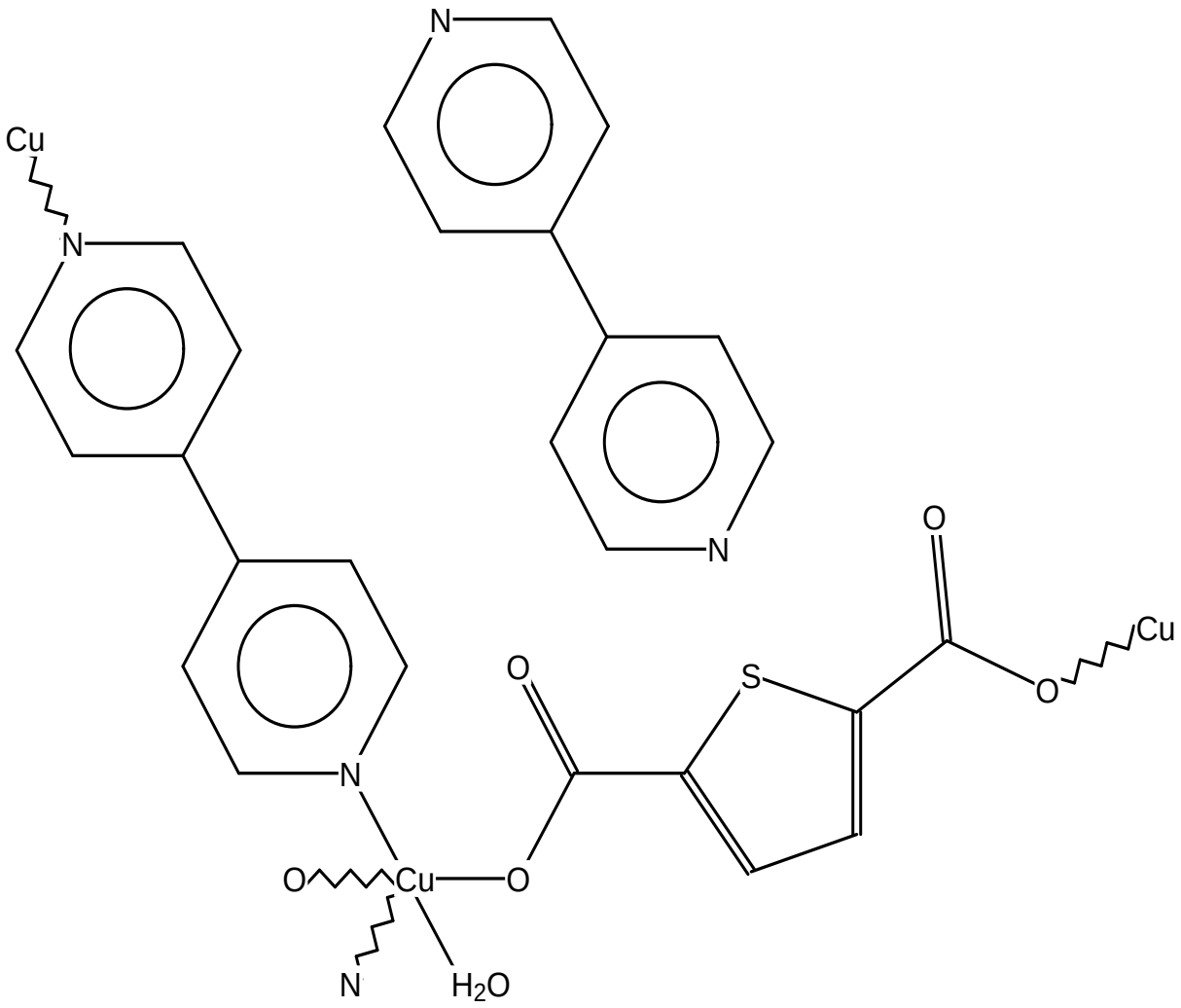
VATCAV

Reference: Xian-Zhong Sun, Yi-Feng Sun, Bao-Hui Ye, Xiao-Ming Chen (2003) *Inorg.Chem.Commun.* ,**6,**1412

Formula: $(C_{16}\ H_{12}\ Cu_1\ N_2\ O_5\ S_1)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-(μ_2-thiophene-2,5-dicarboxylato)-aqua-copper(ii) 4,4'-bipyridine clathrate)

Space Group:	P2/n	***Cell:***	***a***	10.597(1)	***b***	5.808(1)	***c***	20.565(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	98.28(1)	γ	90.00
R-Factor (%):	2.76	***Temperature(K):***	293		***Density(g/cm^3):***	1.496		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2532

VAVQEP

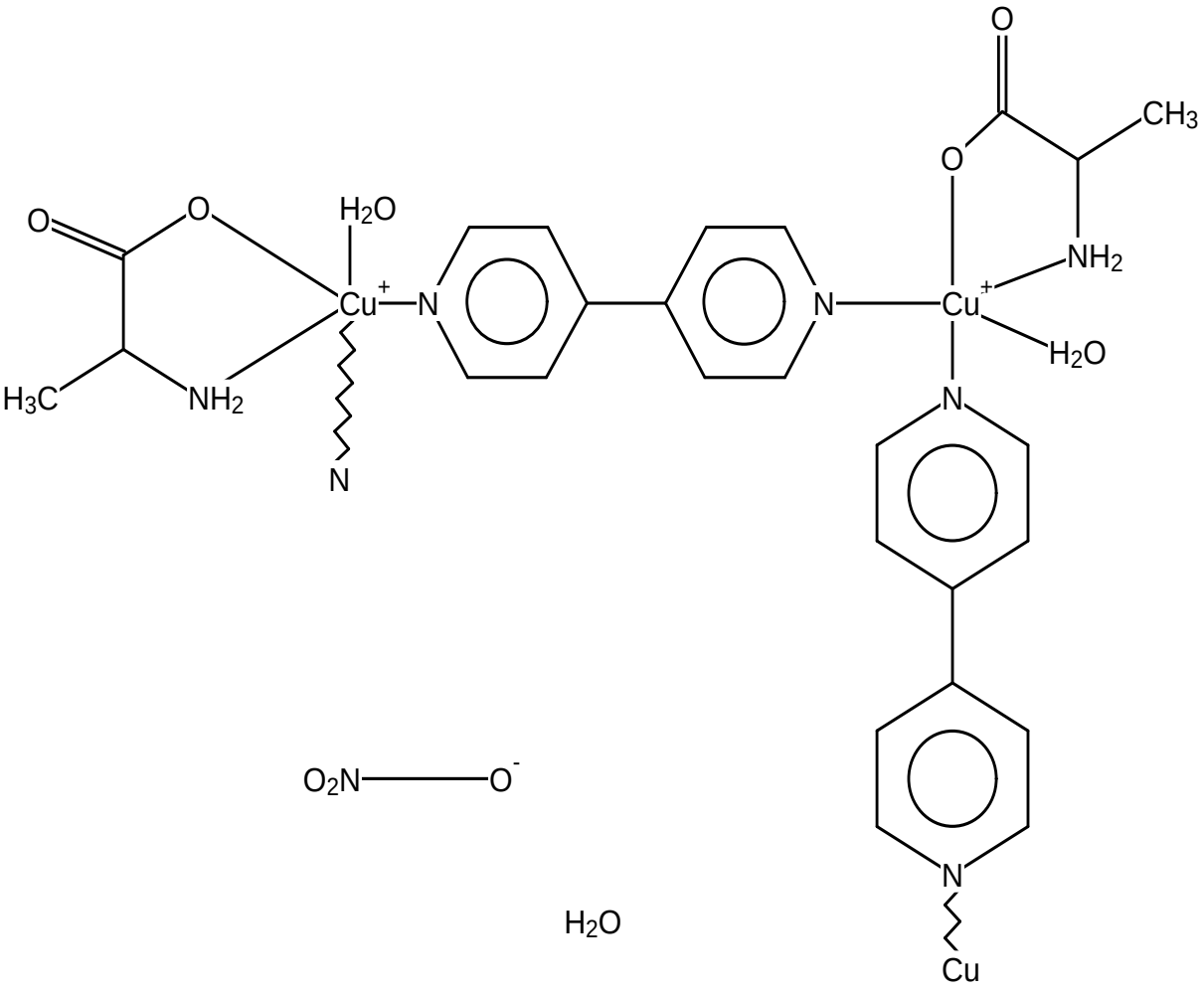
Reference: Ben-Yong Lou, Rui-Hu Wang, Da-Qiang Yuan, Ben-Lai Wu, Fei-Long Jiang, Mao-Chun Hong (2005) *Inorg.Chem.Commun.* ,**8,**971

Formula: $(C_{26}\ H_{32}\ Cu_2\ N_6\ O_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-bipyridyl)-(L-alaninato)-aqua-copper(ii) nitrate) trihydrate)

Space Group:	P212121	***Cell:***	***a***	17.780(5)	***b***	17.890(5)	***c***	21.515(7)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.92 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.611



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2533

VAVQIT

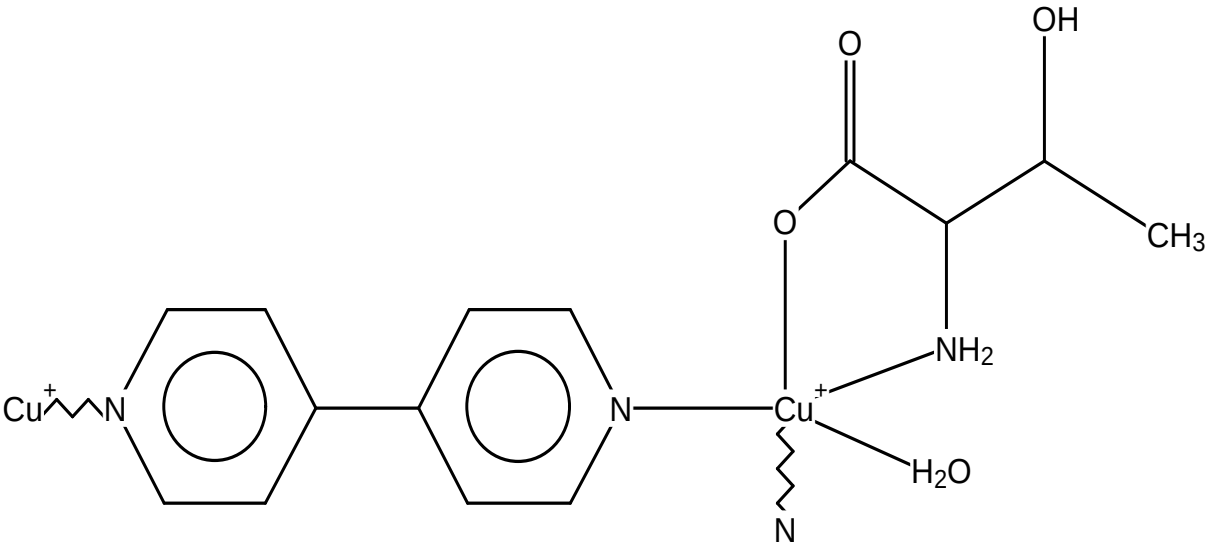
Reference: Ben-Yong Lou, Rui-Hu Wang, Da-Qiang Yuan, Ben-Lai Wu, Fei-Long Jiang, Mao-Chun Hong (2005) *Inorg.Chem.Commun.* ,**8,**971

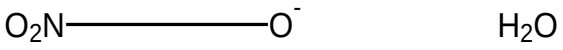
Formula: $(C_{14}\ H_{18}\ Cu_1\ N_3\ O_4\ ^{1+})n,n(N_1\ O_3\ ^{1-}),1.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-(L-threoninato)-aqua-copper(ii) nitrate sesquihydrate)

Space Group:	P41212	***Cell:***	***a***	13.736(7)	***b***	13.736(7)	***c*** 18.648(12)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.22 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.680





H2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2534

VAVVIY

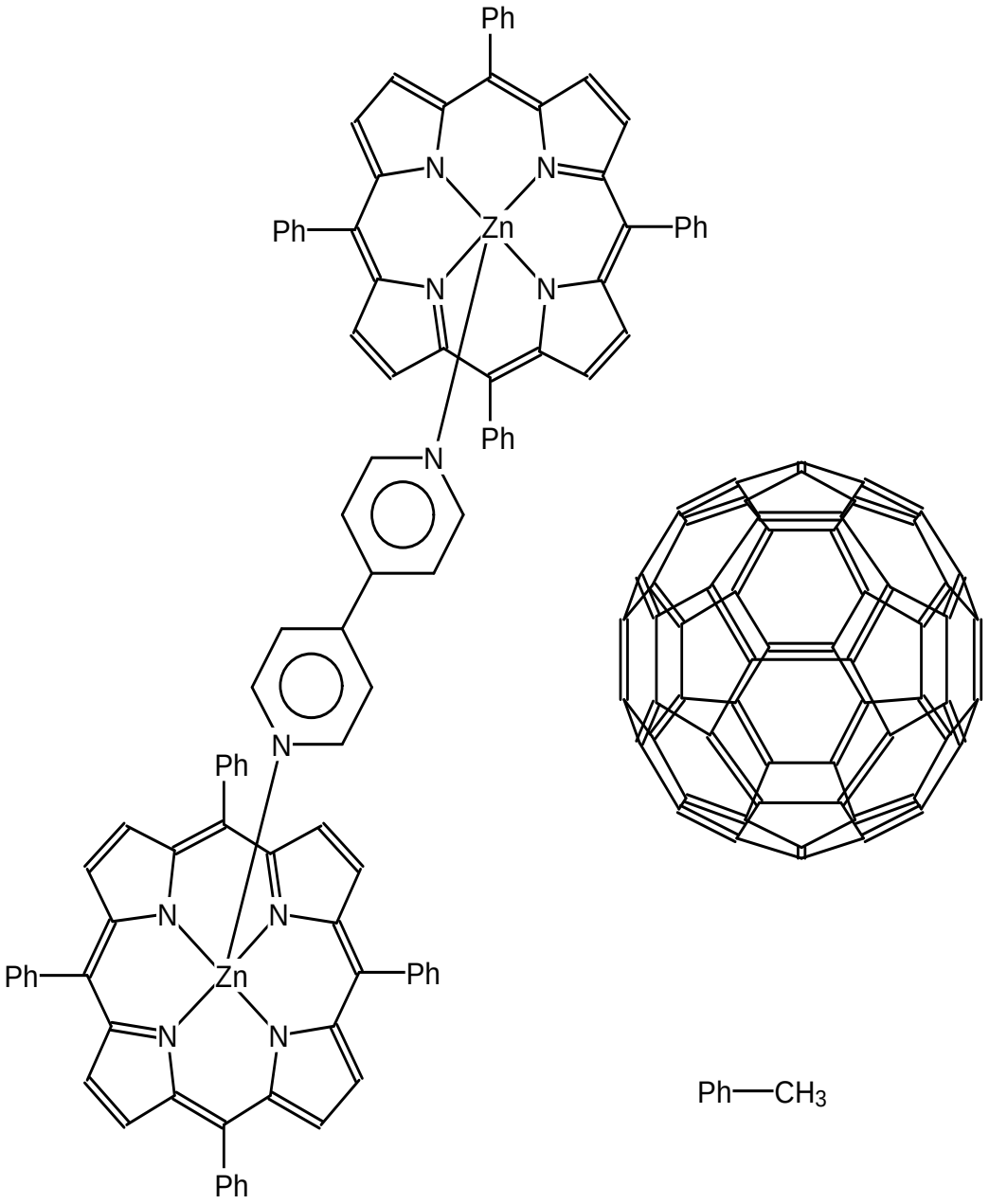
Reference: A.L.Litvinov, D.V.Konarev, A.Yu.Kovalevsky, I.S.Neretin, P.Coppens, R.N.Lyubovskaya (2005) *Cryst.Growth Des.* ,**5,**1807

Formula: $C_{98}\ H_{64}\ N_{10}\ Zn_2$,2($C_{60}$),4($C_7\ H_8$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(5,10,15,20-tetraphenylporphyrinato)-di-zinc(ii) bis(C60fullerene) toluene solvate

Space Group:	P21/c	***Cell:***	***a***	13.231(1)	***b***	49.036(5)	***c***	23.027(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.04(0)	γ	90.00

R-Factor (%): 11.12 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.478



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2535

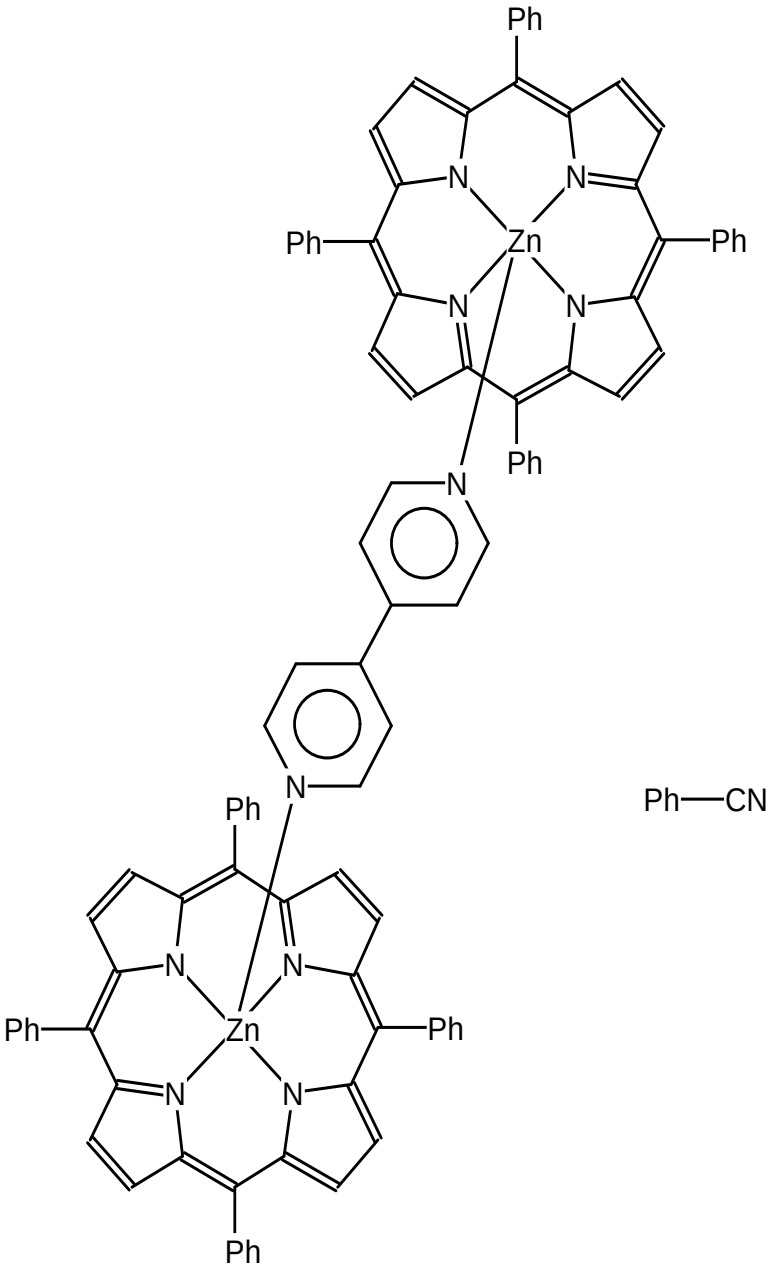
VAVWAR

Reference: A.L.Litvinov, D.V.Konarev, A.Yu.Kovalevsky, I.S.Neretin, P.Coppens, R.N.Lyubovskaya (2005) *Cryst.Growth Des.* ,**5,**1807

Formula: $C_{98}\ H_{64}\ N_{10}\ Zn_2$,4($C_7\ H_5\ N_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(5,10,15,20-tetraphenylporphyrinato)-di-zinc(ii) benzonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	17.790(1)	***b***	13.424(1)	***c***	40.358(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.31(0)	γ	90.00
R-Factor (%):	5.15	***Temperature(K):***	90		***Density(g/cm^3):***	1.344		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2536

VAVWEV

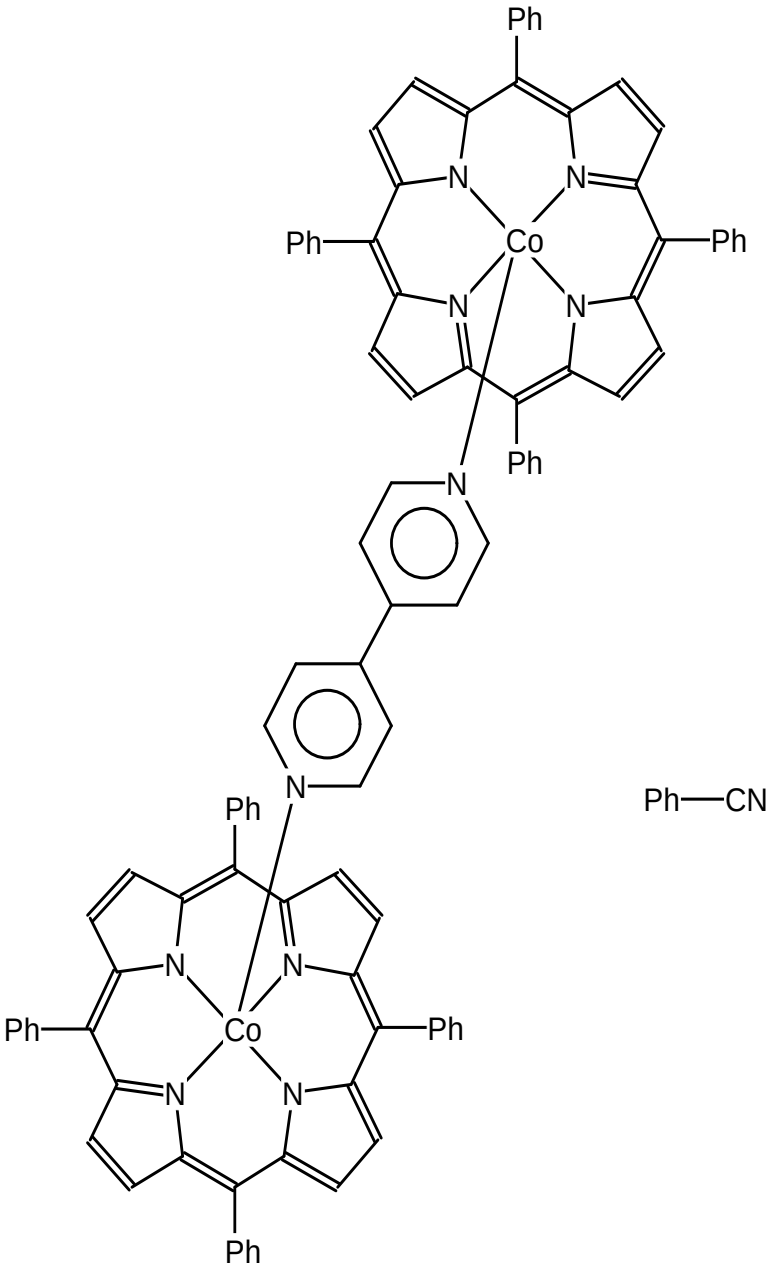
Reference: A.L.Litvinov, D.V.Konarev, A.Yu.Kovalevsky, I.S.Neretin, P.Coppens, R.N.Lyubovskaya (2005) *Cryst.Growth Des.* ,**5,**1807

Formula: $C_{98}\ H_{64}\ Co_2\ N_{10}$,4($C_7\ H_5\ N_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(5,10,15,20-tetraphenylporphyrinato)-di-cobalt(ii) benzonitrile solvate

Space Group:	C2/c	***Cell:***	***a***	17.930(0)	***b***	13.405(0)	***c***	39.818(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.77(0)	γ	90.00

R-Factor (%): 3.69 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.347



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2537

VECCEM

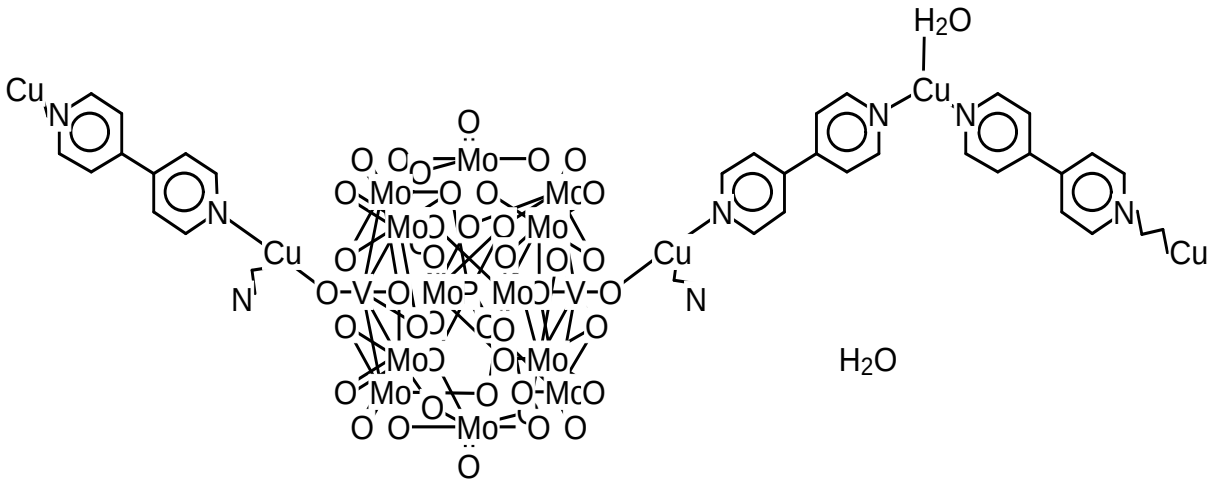
Reference: Zhenyu Shi, Xiaojun Gu, Jun Peng, Xia Yu, Enbo Wang (2006) *Eur.J.Inorg.Chem.* ,385

Formula: $(C_{30}\ H_{26}\ Cu_3\ Mo_{12}\ N_6\ O_{43}\ P_1\ V_2)n,5n(H_2\ O_1)$

Compound Name: catena-((μ_{12}-Phosphato)-octakis(μ_3-oxo)-tris(μ_2-4,4'-bipyridine)-octadecakis(μ_2-oxo)-aqua-dodecaoxo-tri-copper(i)-octa-molybdenum(vi)-tetra-molybdenum(iv)-di-vanadium(iv) pentahydrate)

Space Group:	Pnma	***Cell:***	***a***	27.962(6)	***b***	21.174(4)	***c*** 11.802(2)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.53 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.589



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2538

VEGWEK

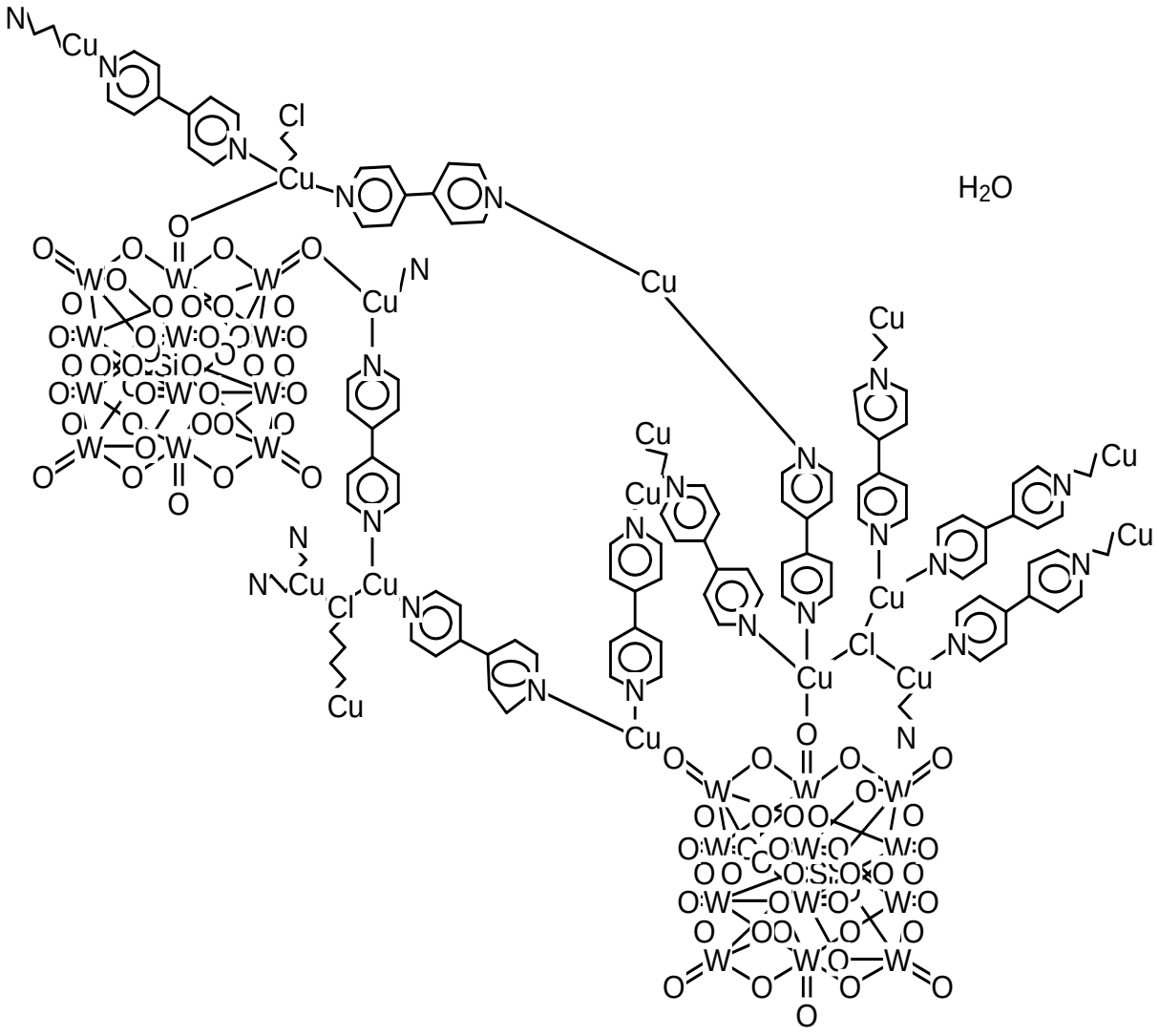
Reference: Hua Jin, Chao Qin, Yang-Guang Li, En-Bo Wang (2006)
Inorg.Chem.Commun. ,**9,**482

Formula: $(C_{100}\ H_{80}\ Cl_2\ Cu_{10}\ N_{20}\ O_{80}\ Si_2\ W_{24})n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_{12}-Silicato)-bis(μ_3-chloro)-dopentacosakis(μ_2-oxo)-decakis(μ_2-4,4'-bipyridine)-icosaoxo-deca-copper-tetracosa-tungsten(vi) trihydrate)

Space Group:	P-1	***Cell:***	***a***	14.073(3)	***b***	14.311(3)	***c*** 21.752(4)
Space Group No.:	2	***(Å,°)***	α	85.20(3)	β	82.32(3)	γ 62.48(3)

R-Factor (%): 6.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2539

VEHBEQ

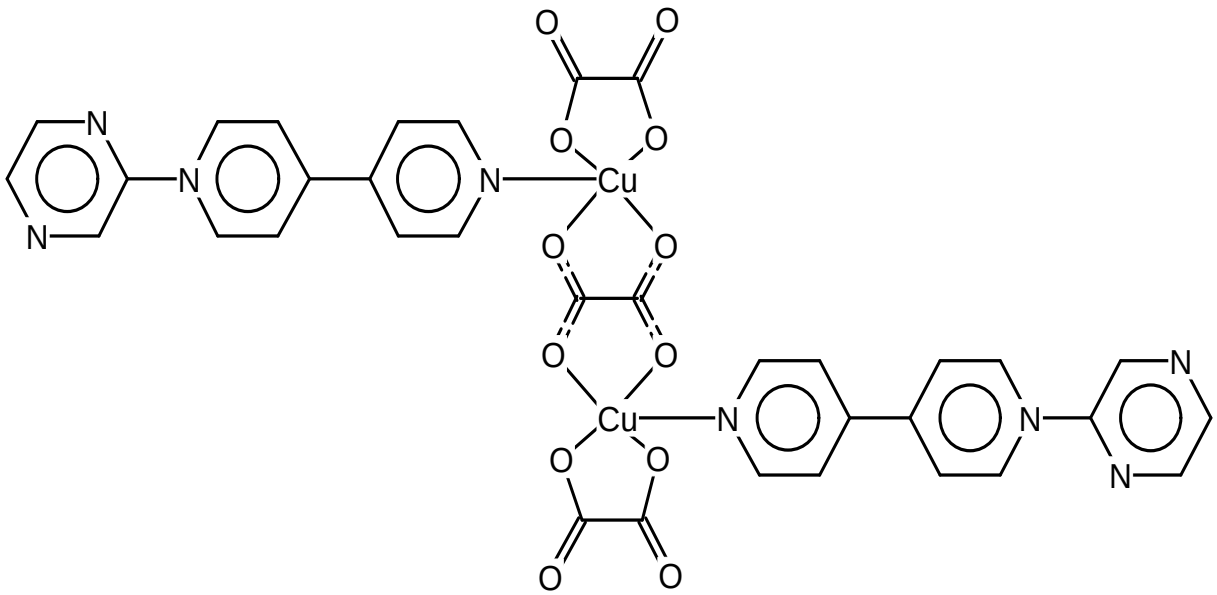
Reference: Ai-Li Zheng, Zhan-Feng Ju, Wei Li, Jie Zhang (2006)
Inorg.Chem.Commun. ,**9,**489

Formula: $C_{34}\ H_{22}\ Cu_2\ N_8\ O_{12}$,4($H_2\ O_1$)

Compound Name: (μ_2-Oxalato)-bis((oxalato)-(N'-(2-pyrazinyl)-4,4'-bipyridine)-copper(ii)) tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	13.918(1)	***b*** 18.907(1)	***c***	7.207(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.08(0)	γ	90.00

R-Factor (%): 3.82 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.672



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2540

VEKXOY

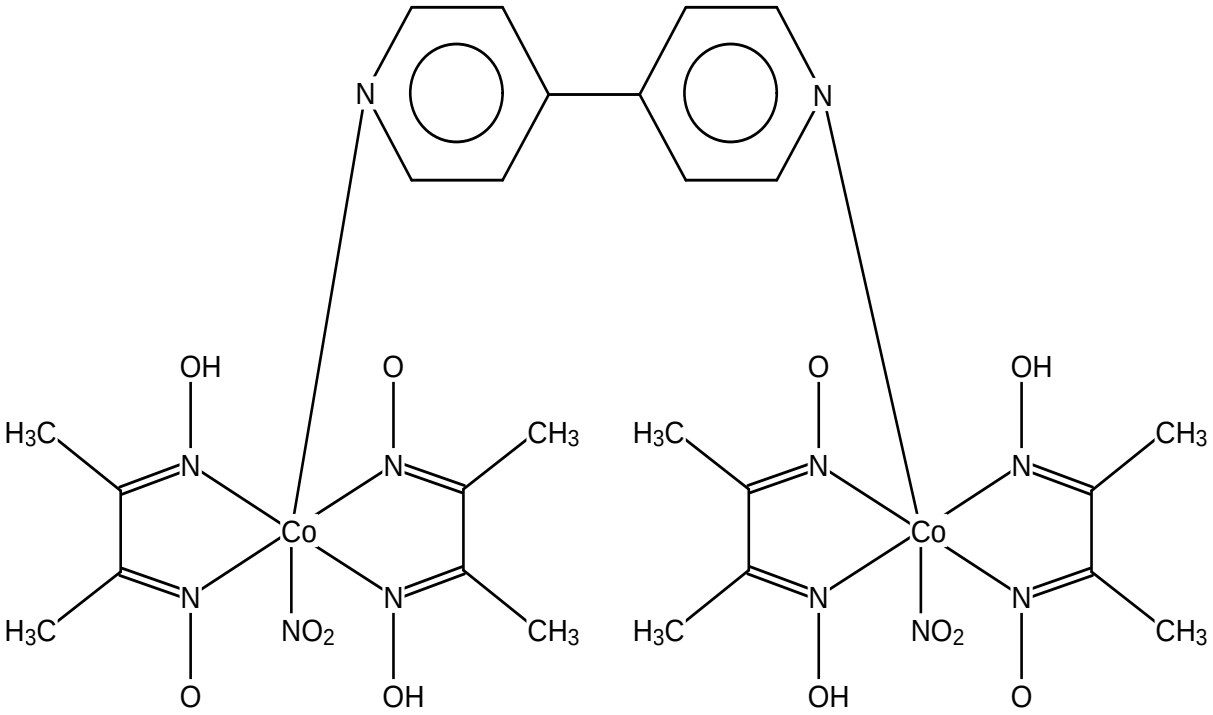
Reference: U.Englert, J.Strahle (1988) *Gazz.Chim.Ital.* ,**118,**845

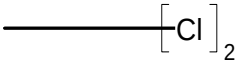
Formula: $C_{26}\ H_{36}\ Co_2\ N_{12}\ O_{12}$,2($C_1\ H_2\ Cl_2$),0.5($C_2\ H_6\ O_1$)

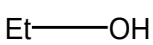
Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(dimethylglyoximato-N,N')-bis(nitrato-cobalt(iii)) dichloromethane ethanol solvate

Space Group:	P21/n	***Cell:***	***a***	16.136(3)	***b***	15.109(2)	***c***	17.673(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.69(3)	γ	90.00

R-Factor (%): 6.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.572







Search: search1 (Thu May 26 10:05:42 2011): Hit 2541

VELKAZ

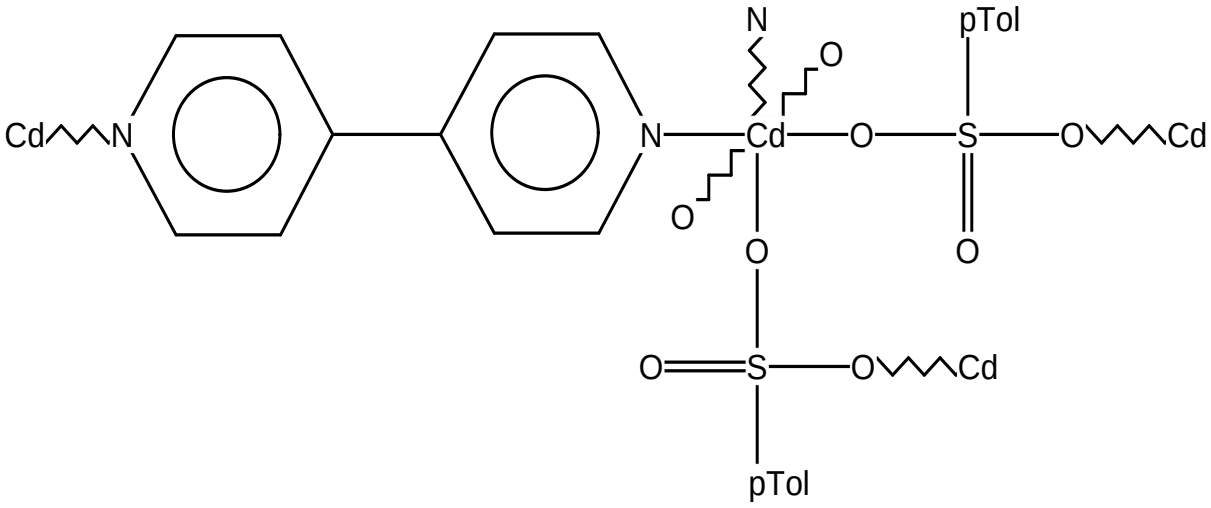
Reference: Lin Ping, Zhi-Cheng Wang, S.W.Ng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m1878

Formula: $(C_{24}\ H_{22}\ Cd_1\ N_2\ O_6\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-p-toluenesulfonato-O,O')-cadmium(ii))

Space Group:	P21/n	***Cell:***	***a***	9.758(0)	***b***	18.290(1)	***c***	14.246(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.92(0)	γ	90.00

R-Factor (%): 3.40 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.608



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2542

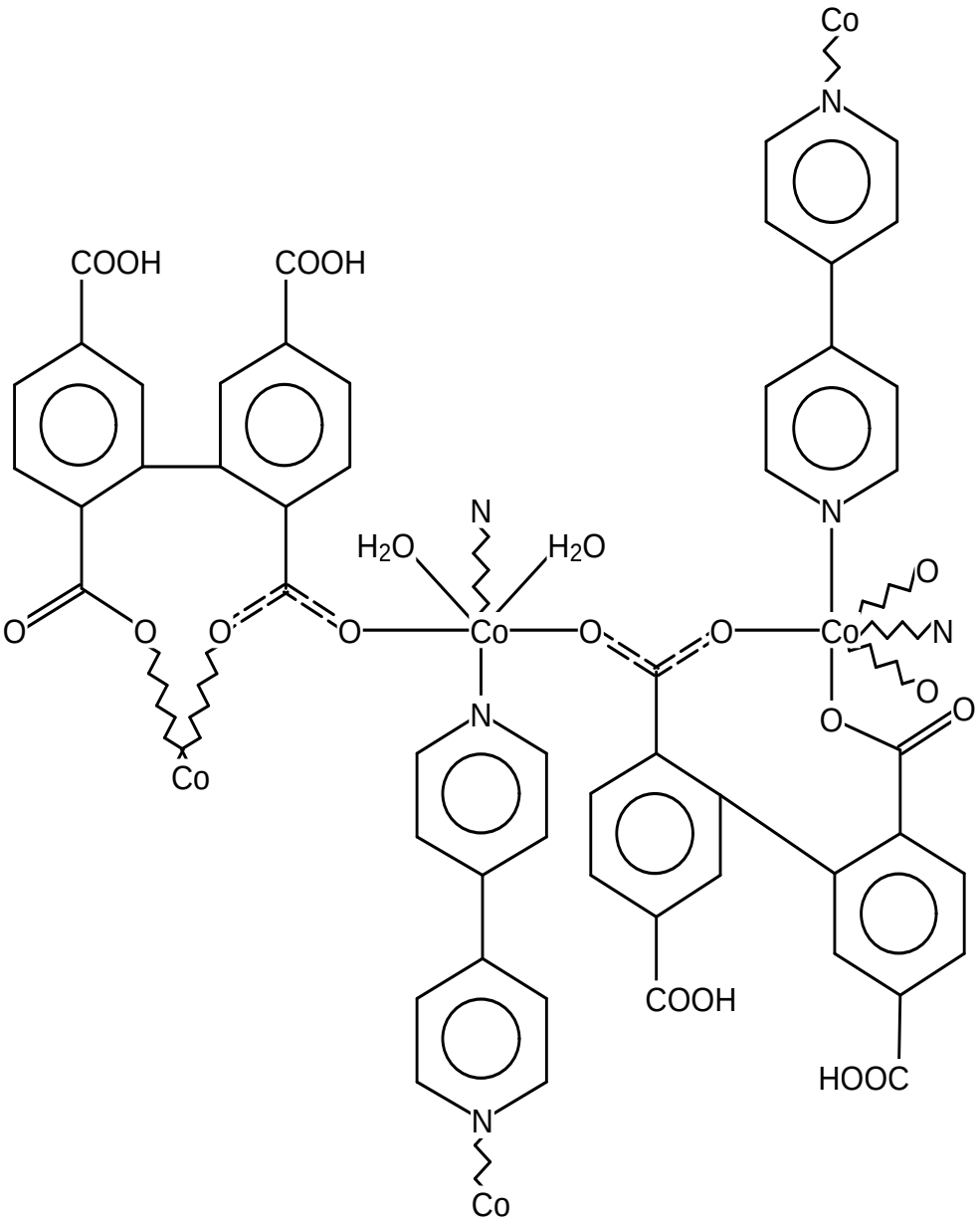
VELXIU

Reference: Ji-Yang Xu, D.S.Contreras, F.R.Fronczek, Banglin Chen (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***62,**m1906

Formula: $(C_{52}\ H_{36}\ Co_2\ N_4\ O_{18})n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-5,5'-Dicarboxybiphenyl-2,2'-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-dicobalt(ii) tetrahydrate)

Space Group:	P2/n	***Cell:***	***a***	9.877(4)	***b***	11.393(4)	***c*** 21.763(10)
Space Group No.:	13	***(Å,°)***	α	90.00	β	93.25(2)	γ 90.00
R-Factor (%):	6.50	***Temperature(K):***	105		***Density(g/cm^3):***		1.623



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2543

VEMDAT

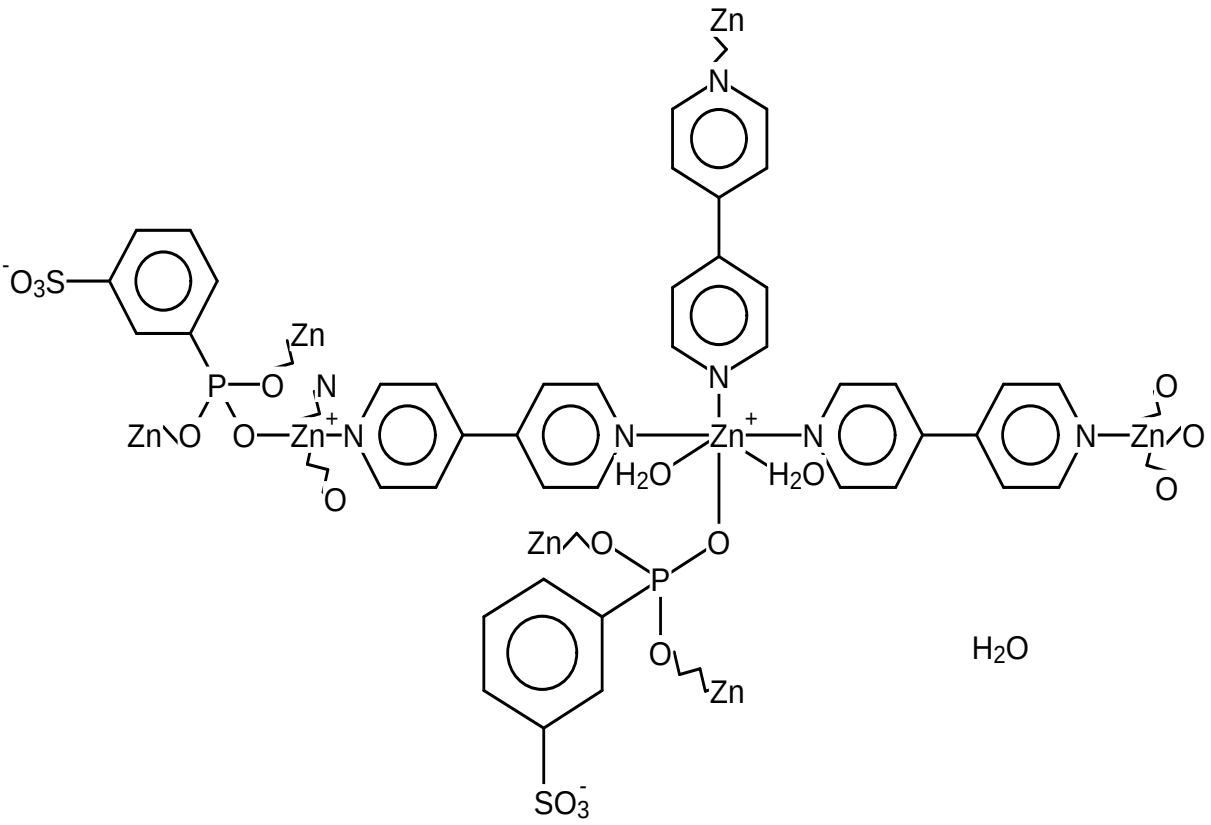
Reference: Zi-Yi Du, Hai-Bing Xu, Jiang-Gao Mao (2006)
*Inorg.Chem. ,***45,**6424

Formula: $(C_{42}\ H_{36}\ N_6\ O_{14}\ P_2\ S_2\ Zn_3)n,9n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-m-Sulfonatophenylphosphonato)-tris(4,4'-bipyridine)-diaqua-tri-zinc(ii) nonahydrate)

Space Group:	P21/c	***Cell:***	***a***	13.540(0)	***b*** 30.438(0)	***c***	15.722(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.54(0)	γ	90.00

R-Factor (%): 5.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.459



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2544

VETDAA

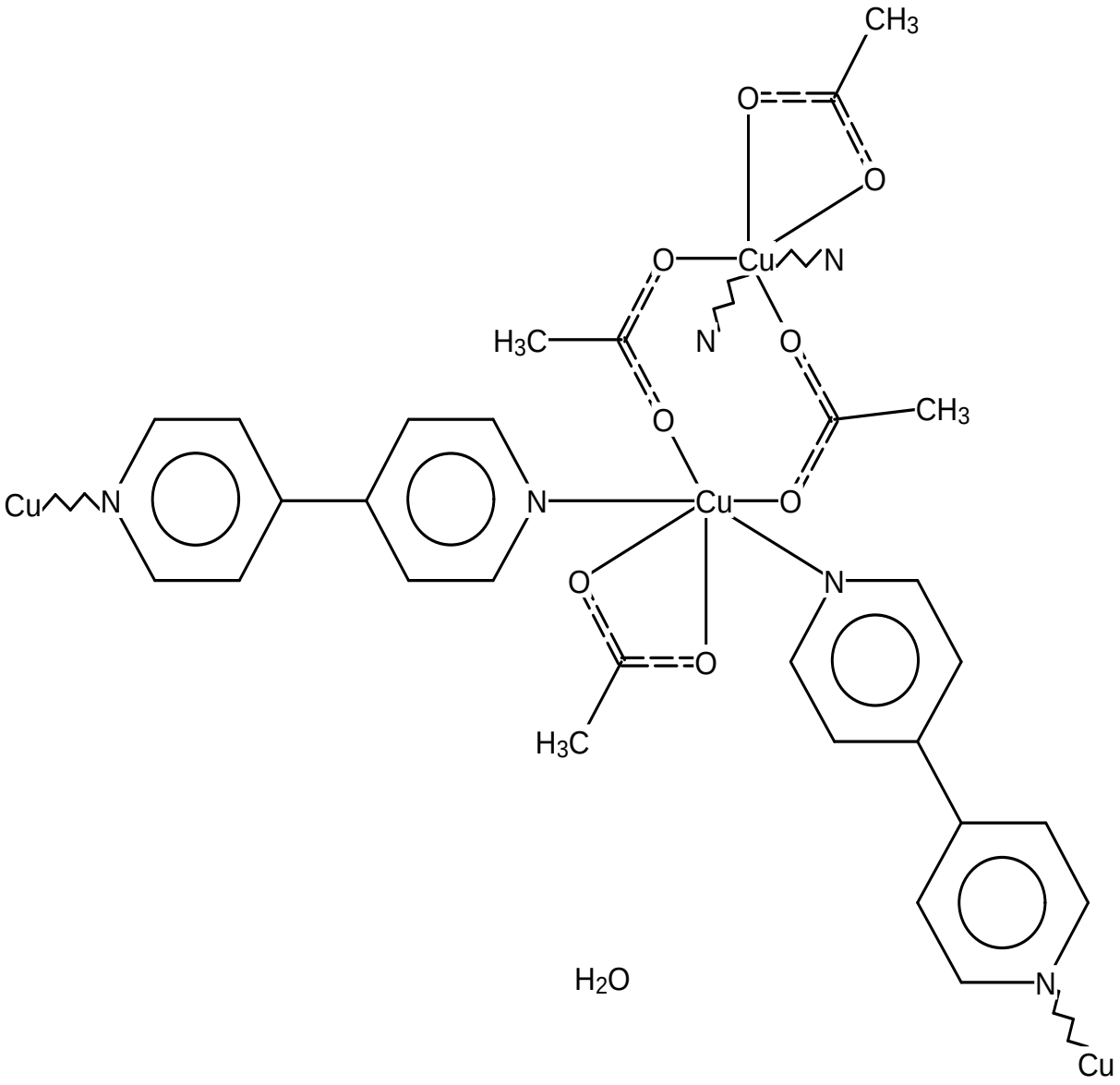
Reference: E Yang, Xiao-Qin Wang, Ye-Yan Qin (2006)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**25,**1365

Formula: $(C_{28}\ H_{28}\ Cu_2\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Acetato-O,O')-bis(μ_2-4,4'-bipyridine)-bis(acetato-O,O')-di-copper(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	13.447(0)	***b***	11.757(0)	***c*** 19.538(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.93(0)	γ 90.00

R-Factor (%): 7.69 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.494



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2545

VETDEE

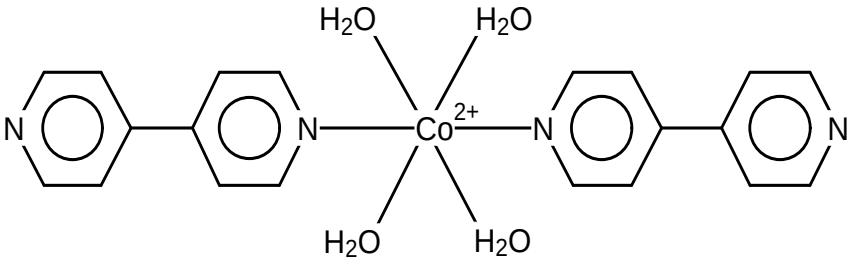
Reference: Qing-Wei Wang, Xiu-Mei Li, Jing Han (2006)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**25,**1369

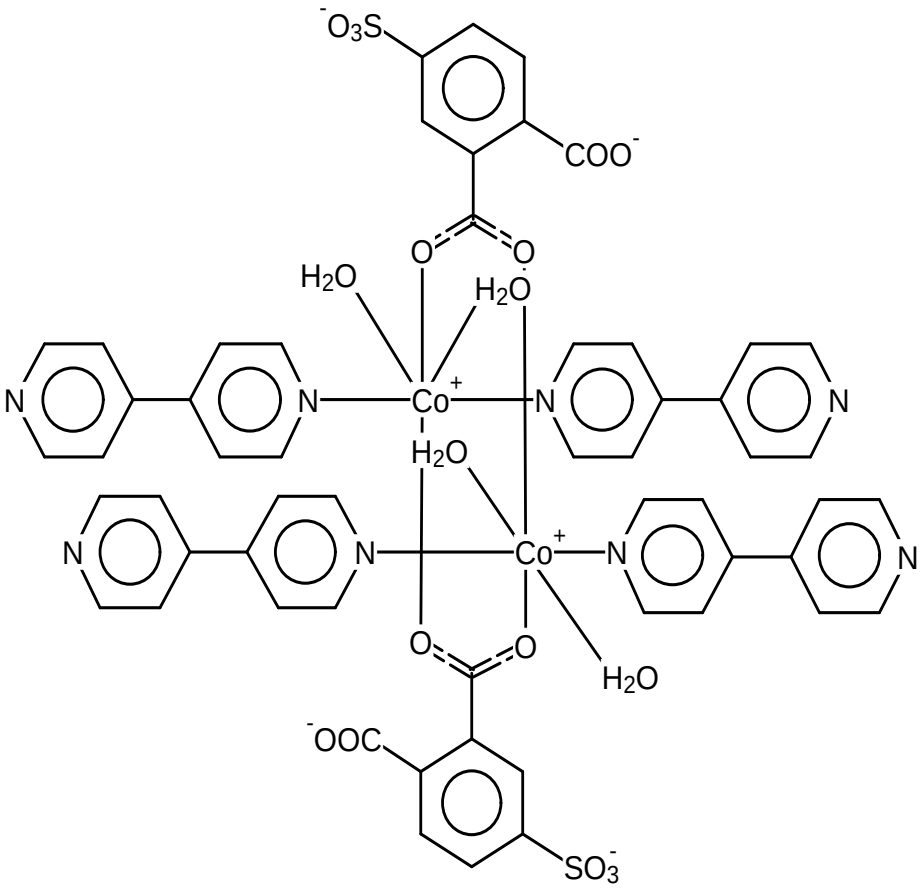
Formula: $C_{20}\,H_{24}\,Co_1\,N_4\,O_4\,^{2+}$,$C_{56}\,H_{46}\,Co_2\,N_8\,O_{18}\,S_2\,^{2-}$

Compound Name: Tetra-aqua-bis(4,4'-bipyridine)-cobalt bis((μ$_2$-4-sulfophthalato-O,O')-diaqua-bis(4,4'-bipyridine)-cobalt)

Space Group:	C2/c	***Cell:***	***a***	18.893(6)	***b*** 23.080(7)	***c***	22.473(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.31(0)	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.238





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2546

VETHAE

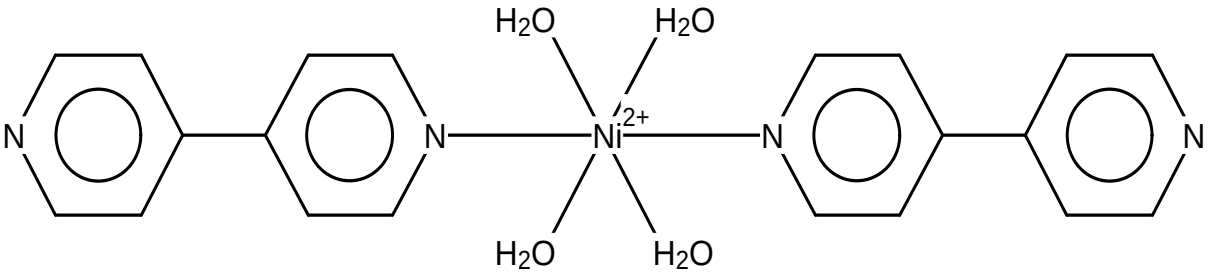
Reference: Qiu-Xuan Zhou, Qing-Feng Xu, Jian-Mei Lu, Xue-Wei Xia (2006) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**25,**1392

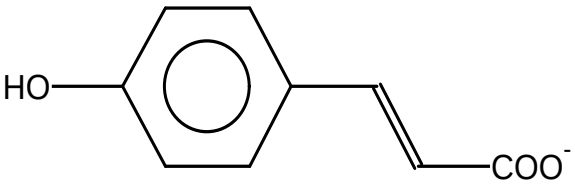
Formula: $C_{20}\,H_{24}\,N_4\,Ni_1\,O_4\,^{2+}$,2($C_9\,H_7\,O_3\,^{1-}$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine)-nickel(ii) bis(trans-4-hydroxycinnamate)

Space Group:	P-1	***Cell:***	***a***	7.024(1)	***b***	7.293(1)	***c*** 17.186(4)
Space Group No.:	2	***(Å,°)***	α	87.07(1)	β	84.35(1)	γ 81.96(1)

R-Factor (%): 4.11 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.474





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2547

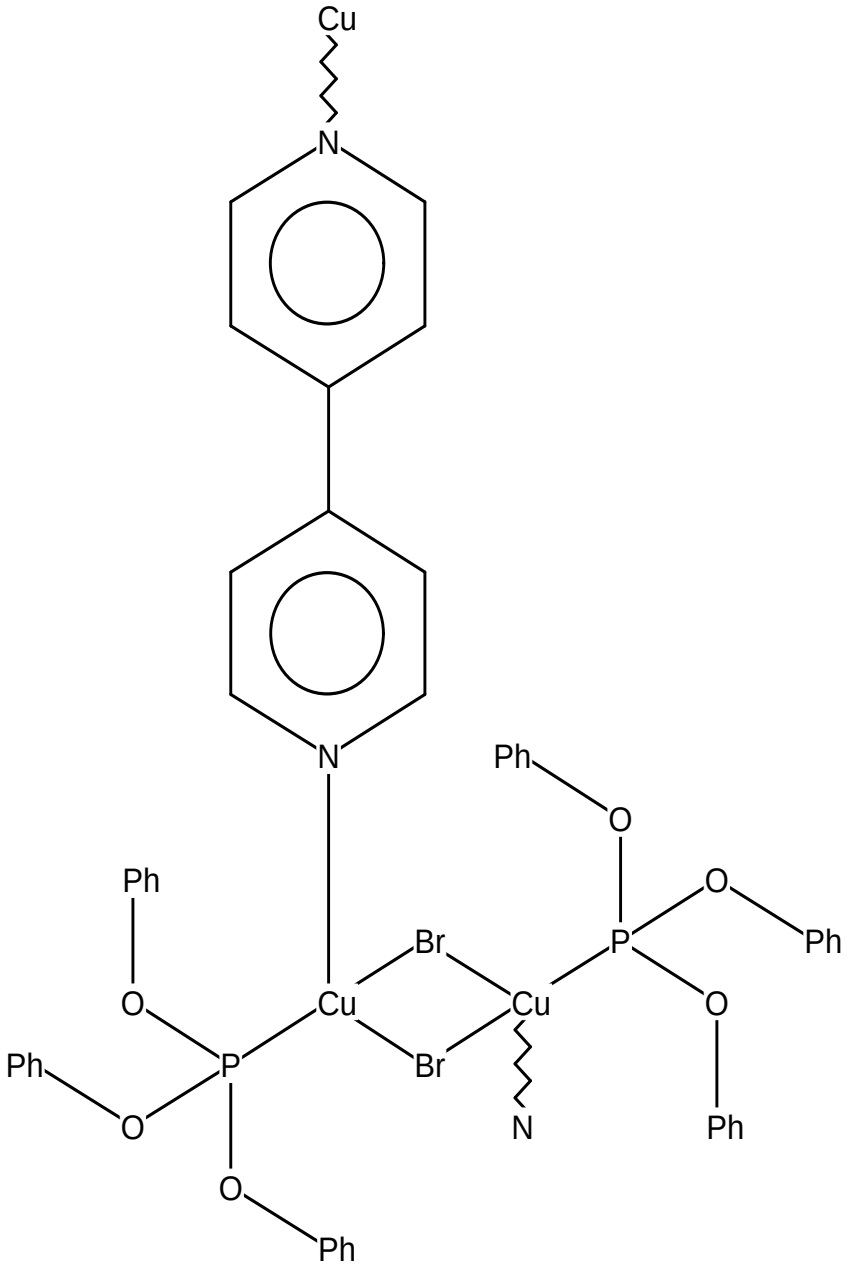
VEVHEJ

Reference: P.M.Graham, R.D.Pike, M.Sabat, R.D.Bailey, W.T.Pennington (2000) *Inorg.Chem.* ,**39,**5121

Formula: $(C_{46}\ H_{38}\ Br_2\ Cu_2\ N_2\ O_6\ P_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl-N,N')-bis((μ_2-bromo)-triphenylphosphite-copper(i)))

Space Group:	P-1	***Cell:***	***a*** 9.356(3)	***b*** 13.298(4)	***c*** 9.446(3)
Space Group No.:	2	***(Å,°)***	α 105.51(2)	β 96.29(3)	γ 70.38(2)
R-Factor (%):	3.05	***Temperature(K):***	173	***Density(g/cm^3):***	1.656



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2548

VEWFAF

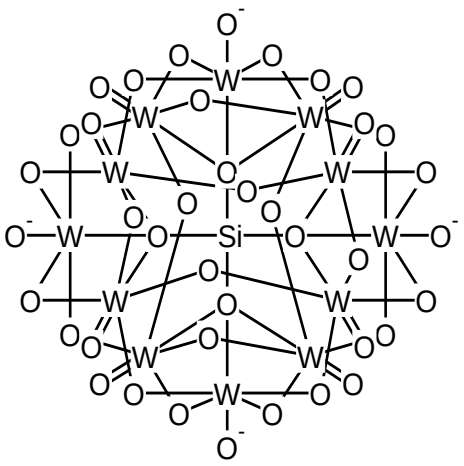
Reference: Xiang-Jian Kong, Yan-Ping Ren, Pei-Qing Zheng, Yu-Xiang Long, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2006) *Inorg.Chem. ,***45,**10702

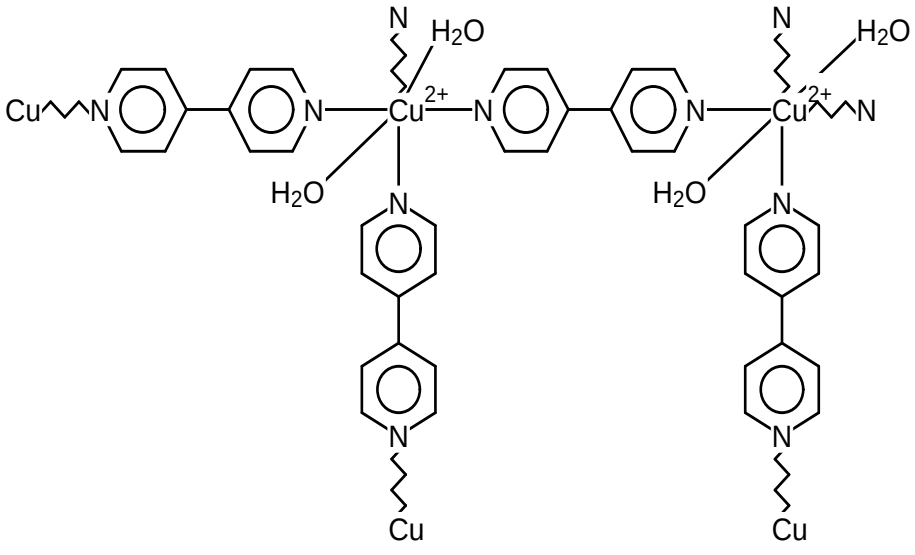
Formula: $(O_{40}\ Si_1\ W_{12}\ ^{4-})n,n(C_{40}\ H_{40}\ Cu_2\ N_8\ O_4\ ^{4+}),18n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-di-copper(ii) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten octadecahydrate)

Space Group:	Cccm	***Cell:***	***a***	17.740(5)	***b***	22.157(6)	***c*** 22.245(6)
Space Group No.:	66	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.07 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 3.056





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2549

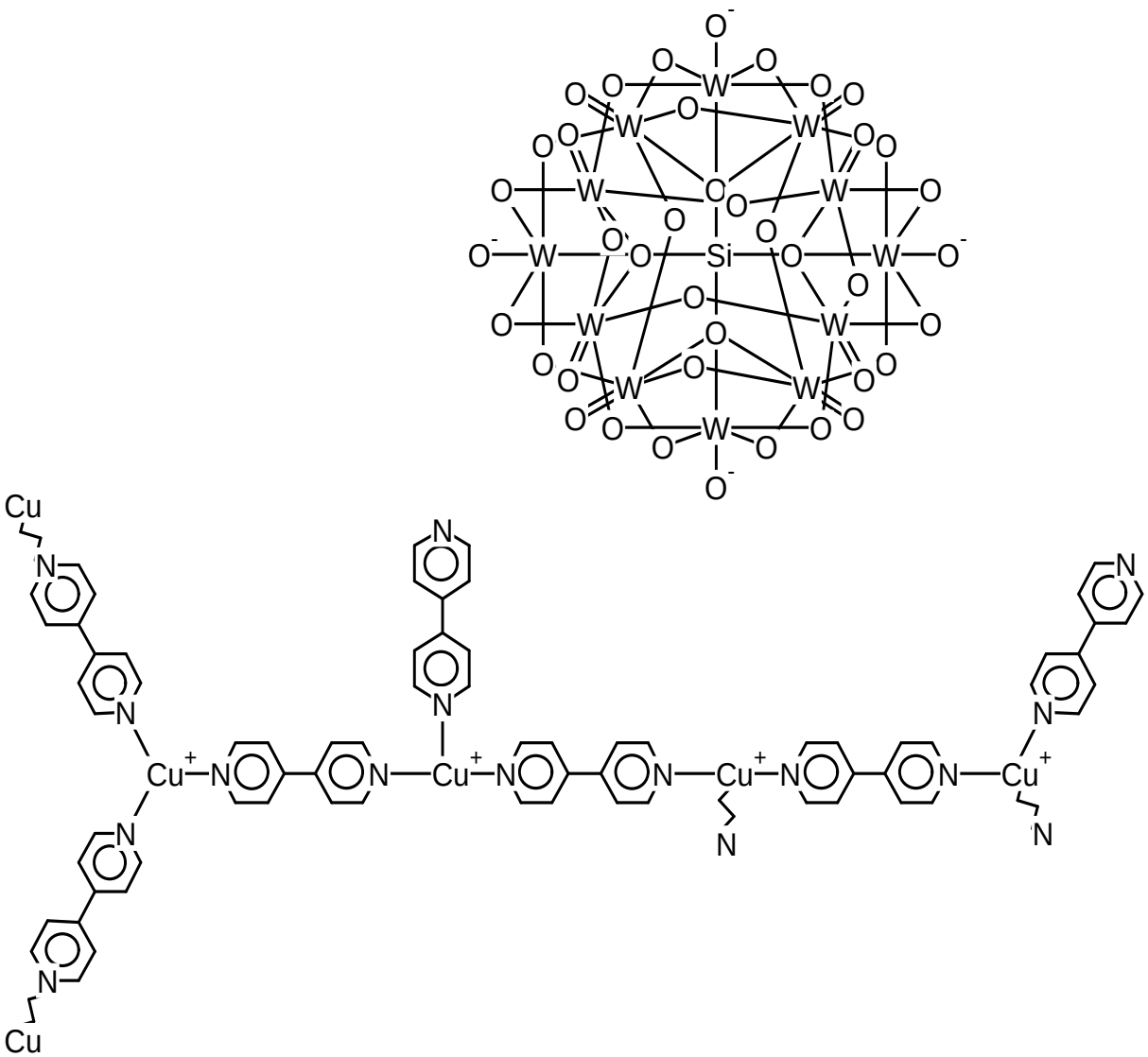
VEWGAG

Reference: Xiang-Jian Kong, Yan-Ping Ren, Pei-Qing Zheng, Yu-Xiang Long, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2006) *Inorg.Chem. ,***45,**10702

Formula: $(C_{70}\ H_{56}\ Cu_4\ N_{14}\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),3n(H_2\ O_1)$

Compound Name: catena-(pentakis(μ_2-4,4'-Bipyridine-N,N')-bis(4,4'-bipyridine-N)-tetra-copper(i) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten trihydrate)

Space Group:	P-1	***Cell:***	***a***	11.280(3)	***b***	14.974(4)	***c*** 15.557(4)
Space Group No.:	2	***(Å,°)***	α	105.67(0)	β	102.26(0)	γ 106.33(0)
R-Factor (%):	6.27	***Temperature(K):***	293	***Density(g/cm3):***	3.078		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2550

VEWGEK

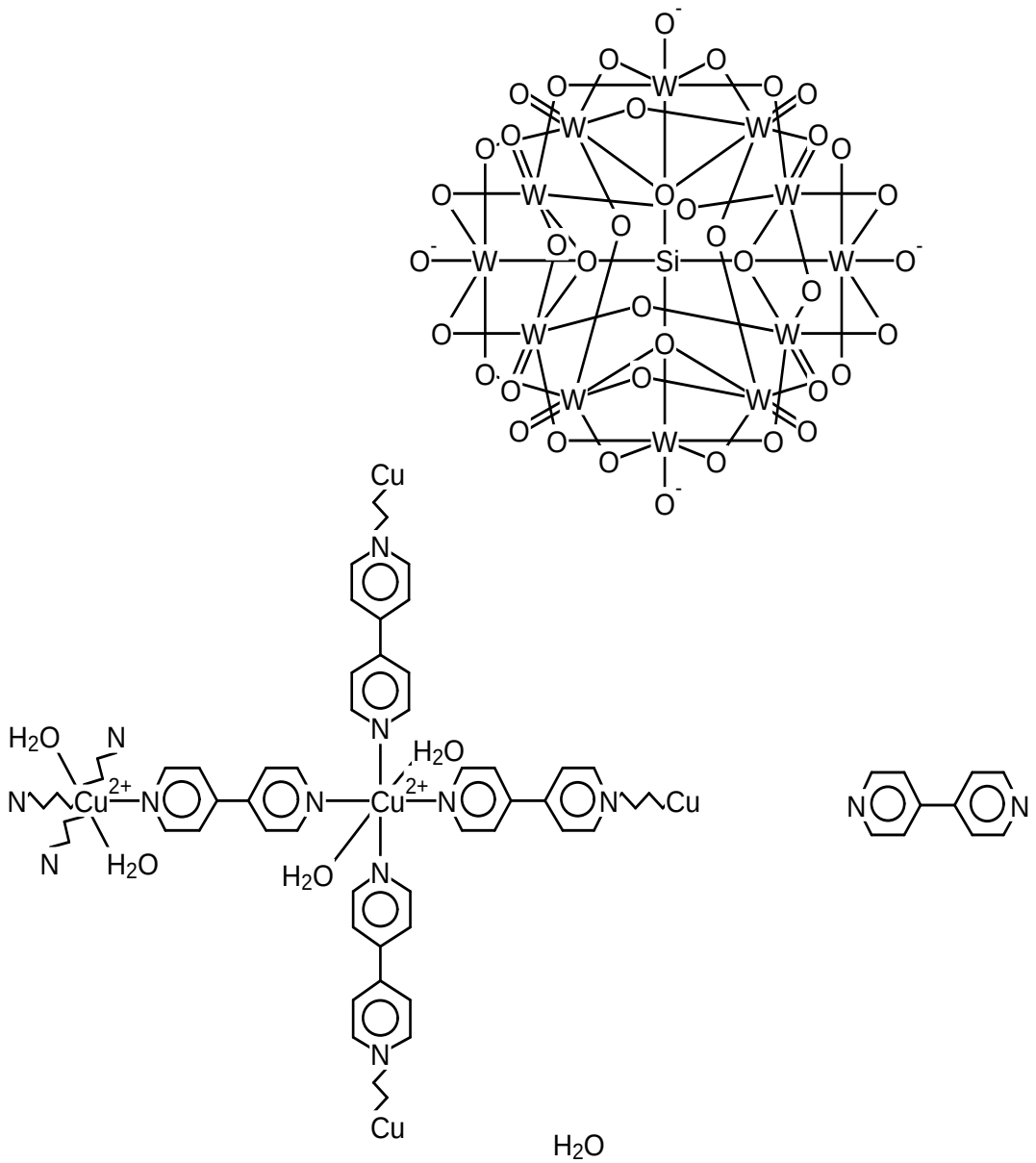
Reference: Xiang-Jian Kong, Yan-Ping Ren, Pei-Qing Zheng, Yu-Xiang Long, La-Sheng Long, Rong-Bin Huang, Lan-Sun Zheng (2006) *Inorg.Chem. ,***45,**10702

Formula: $(C_{40}\ H_{40}\ Cu_2\ N_8\ O_4\ ^{4+})n,n(O_{40}\ Si_1\ W_{12}\ ^{4-}),2n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-tetra-copper (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten bis(4,4'-bipyridine) tetrahydrate)

Space Group:	Ccm21	***Cell:***	***a***	22.098(4)	***b***	22.769(4)	***c*** 16.907(3)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.04 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 3.188



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2551

VIDGIZ

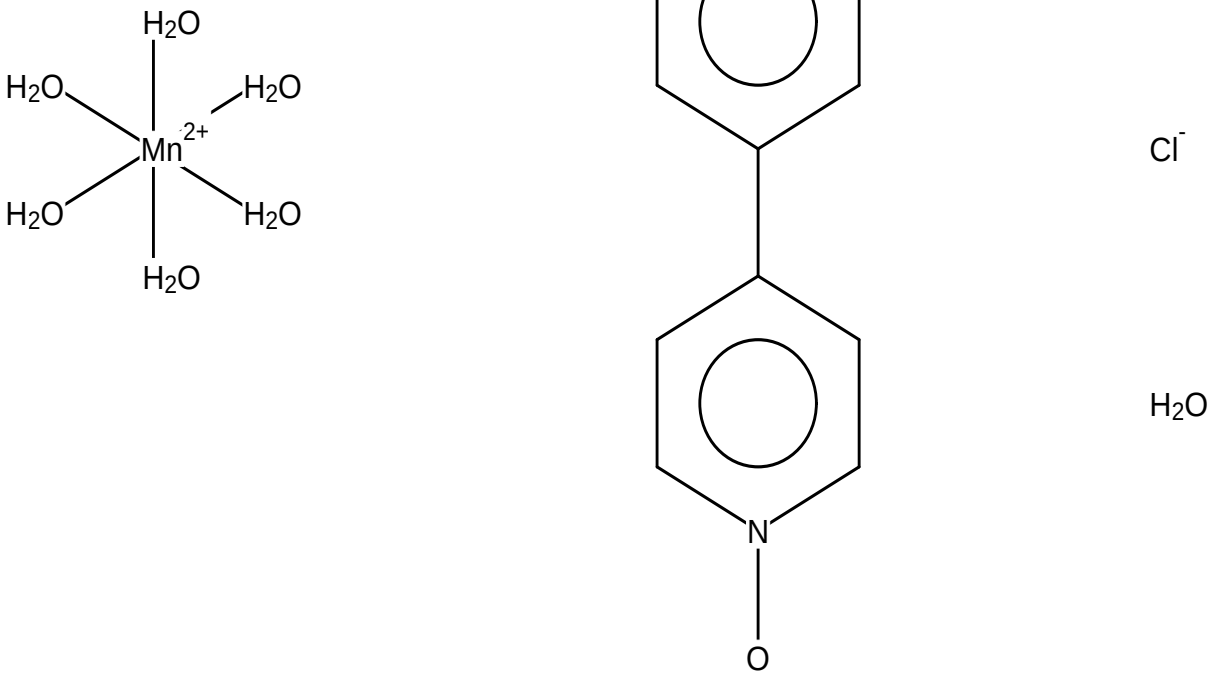
Reference: Hui-Hua Song, Bao-Qing Ma (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m1010

Formula: $H_{12}\ Mn_1\ O_6\ ^{2+},2(C_{10}\ H_8\ N_2\ O_2),2(Cl_1\ ^{1-}),2(H_2\ O_1)$

Compound Name: Hexaaqua-manganese(ii) dichloride 4,4'-bipyridine N,N'-dioxide dihydrate

Space Group:	P-1	***Cell:***	***a***	6.806(0)	***b***	10.300(0)	***c***	10.510(0)
Space Group No.:	2	***(Å,°)***	α	83.97(0)	β	73.41(0)	γ	88.77(0)

R-Factor (%): 4.06 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.529



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2552

VIFQUW

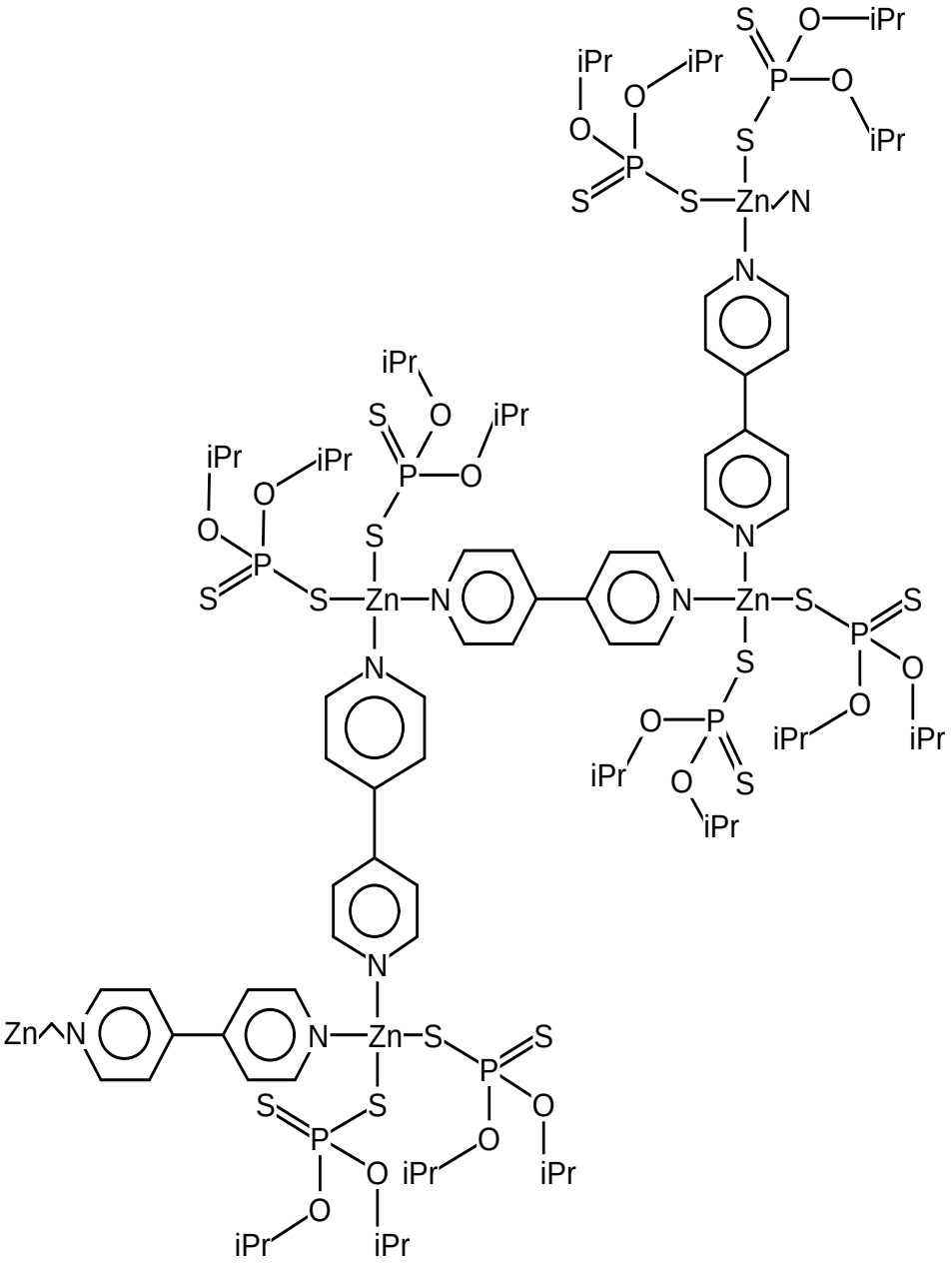
Reference: L.A.Glinskaya, V.G.Shchukin, R.F.Klevtsova, A.N.Mazhara, S.V.Larionov (2000) *Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.)* ,**41,**772

Formula: $(C_{88}\ H_{144}\ N_8\ O_{16}\ P_8\ S_{16}\ Zn_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(di-isopropyldithiophosphato)-zinc(ii))

Space Group:	P21/n	***Cell:***	***a***	17.569(2)	***b*** 26.253(5)	***c***	27.915(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.70(1)	γ	90.00

R-Factor (%): 3.91 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.361



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2553

VIGSOU

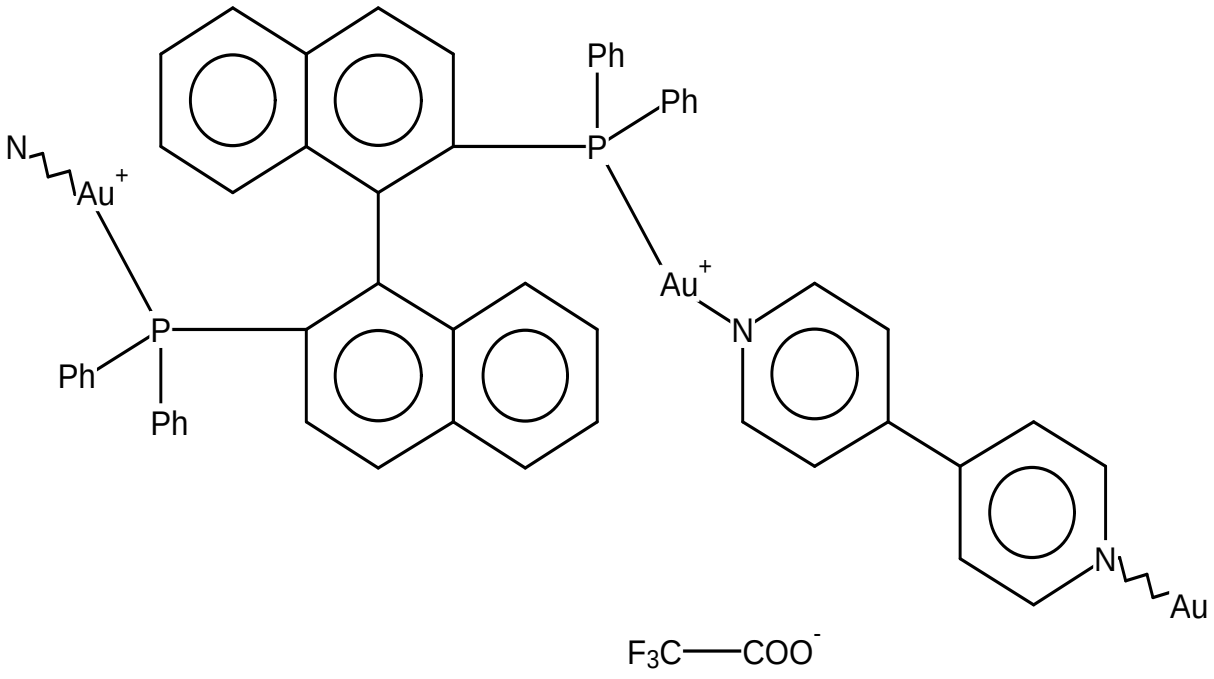
Reference: C.A.Wheaton, R.J.Puddephatt (2007)
*Angew.Chem.,Int.Ed. ,***46,**4461

Formula: $(C_{54}\ H_{40}\ Au_2\ N_2\ P_2\ ^{2+})n,2n(C_2\ F_3\ O_2\ ^{1-})$

Compound Name: catena-((μ_2-(S)-2,2'-bis(Diphenylphosphino)-1,1'-binaphthyl)-(μ_2-4,4'-bipyridine)-di-gold(i) bis(trifluoroacetate) unknown solvate)

Space Group:	C2221	***Cell:***	***a***	11.803(0)	***b***	28.856(0)	***c*** 38.333(0)
Space Group No.:	20	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.25 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.423



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2554

VIGSUA

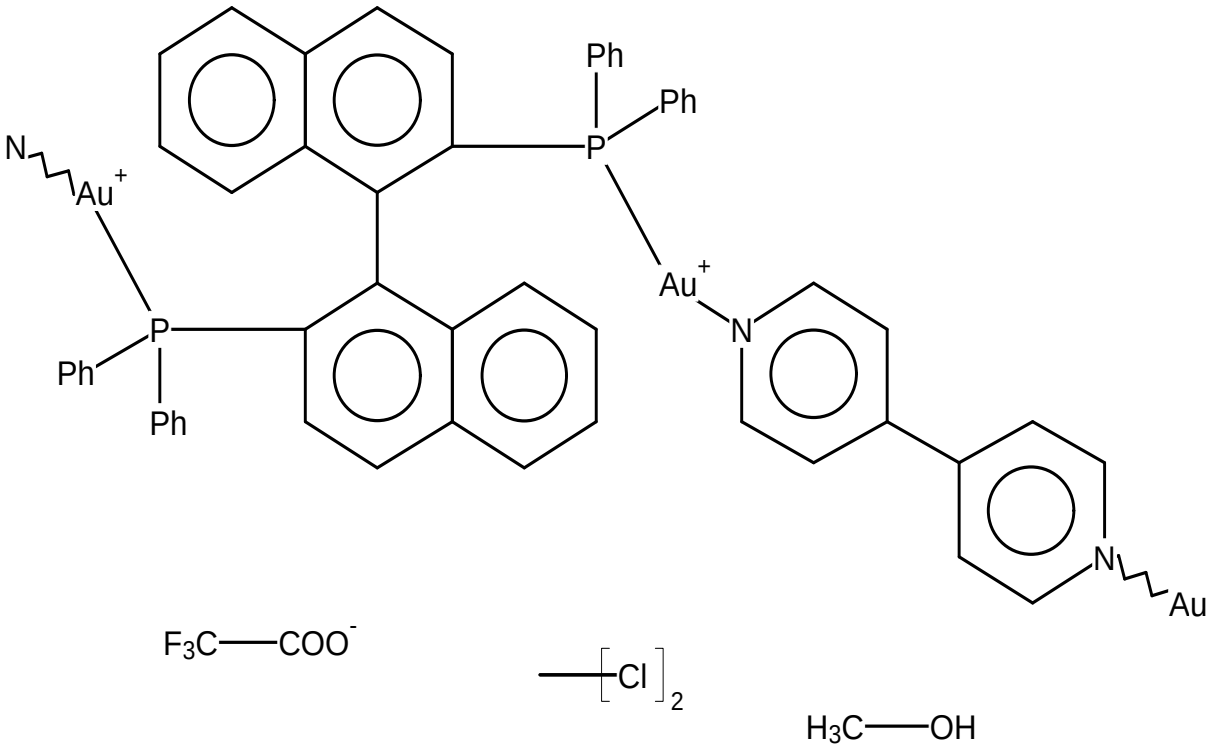
Reference: C.A.Wheaton, R.J.Puddephatt (2007)
*Angew.Chem.,Int.Ed. ,***46,**4461

Formula: $(C_{54}\ H_{40}\ Au_2\ N_2\ P_2\ ^{2+})n,2n(C_2\ F_3\ O_2\ ^{1-}),1.5n(C_1\ H_2\ Cl_2),2n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-(R/S)-2,2'-bis(Diphenylphosphino)-1,1'-binaphthyl)-(μ_2-4,4'-bipyridine)-di-gold(i) bis(trifluoroacetate) dichloromethane methanol solvate)

Space Group:	Pbca	***Cell:***	***a***	14.700(0)	***b***	25.828(0)	***c***	32.340(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.76 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.721



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2555

VIGTAH

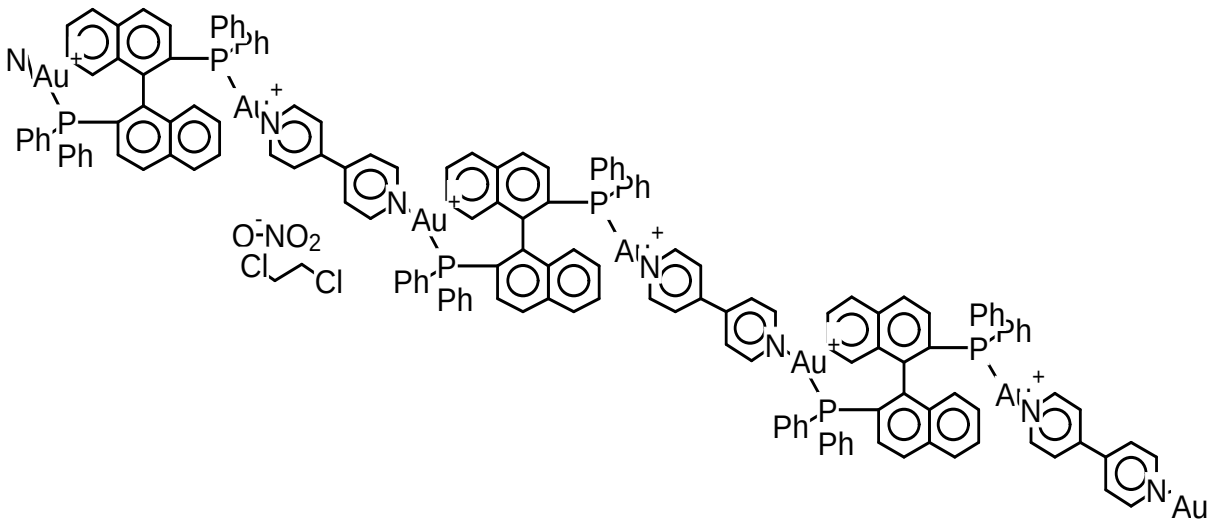
Reference: C.A.Wheaton, R.J.Puddephatt (2007)
*Angew.Chem.,Int.Ed. ,***46,**4461

Formula: $(C_{162}\ H_{120}\ Au_6\ N_6\ P_6\ ^{6+})n,6n(N_1\ O_3\ ^{1-}),3.53n(C_2\ H_4\ Cl_2)$

Compound Name: catena-(tris(μ_2-(R/S)-2,2'-bis(Diphenylphosphino)-1,1'-binaphthyl)-tris(μ_2-4,4'-bipyridine)-hexa-gold(i) hexakis(nitrate) 1,2-dichloroethane solvate)

Space Group:	P21/c	***Cell:***	***a***	20.540(4)	***b*** 24.291(5)	***c***	27.441(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.67(3)	γ	90.00

R-Factor (%): 8.67 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.213



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2556

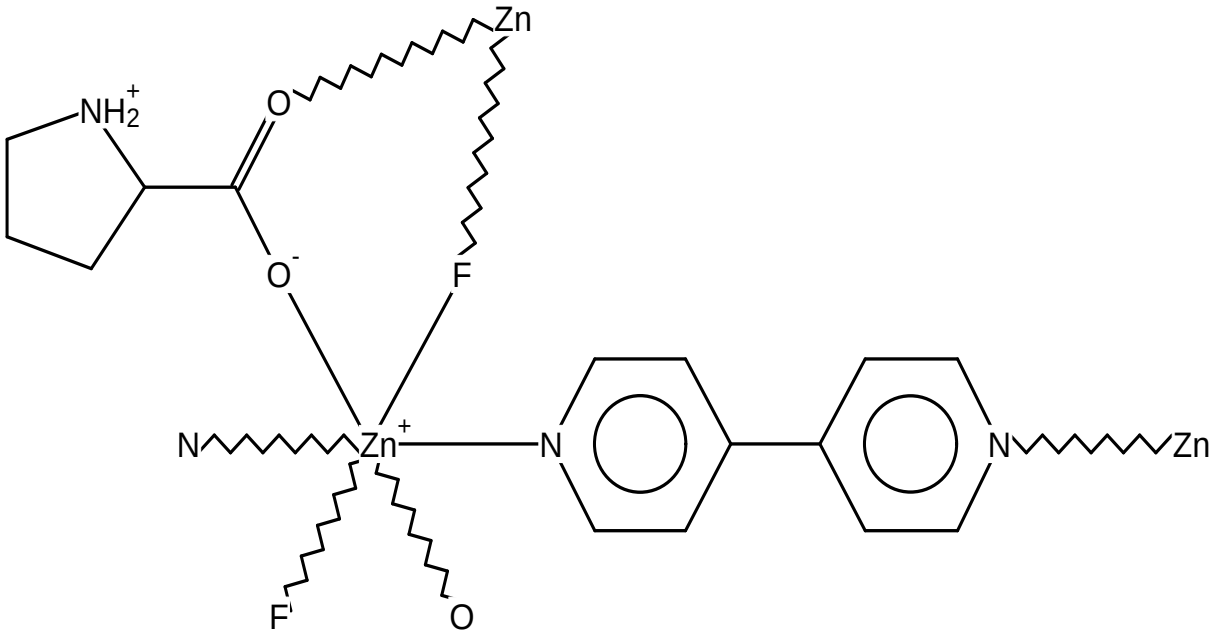
VIHKED

Reference: M.J.Ingleson, J.Bacsa, M.J.Rosseinsky (2007)
Chem.Commun. ,3036

Formula: $(C_{15}\ H_{17}\ F_1\ N_3\ O_2\ Zn_1\ ^{1+})n,n(B_1\ F_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-(μ_2-L-proline)-(μ_2-fluoro)-zinc tetrafluoroborate monohydrate]

Space Group:	P21	***Cell:***	***a***	11.384(0)	***b*** 7.437(0)	***c***	12.118(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β 116.06(0)	γ	90.00
R-Factor (%):	6.76	***Temperature(K):***	150		***Density(g/cm^3):***		1.659



BF_4^- H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2557

VIHKIH

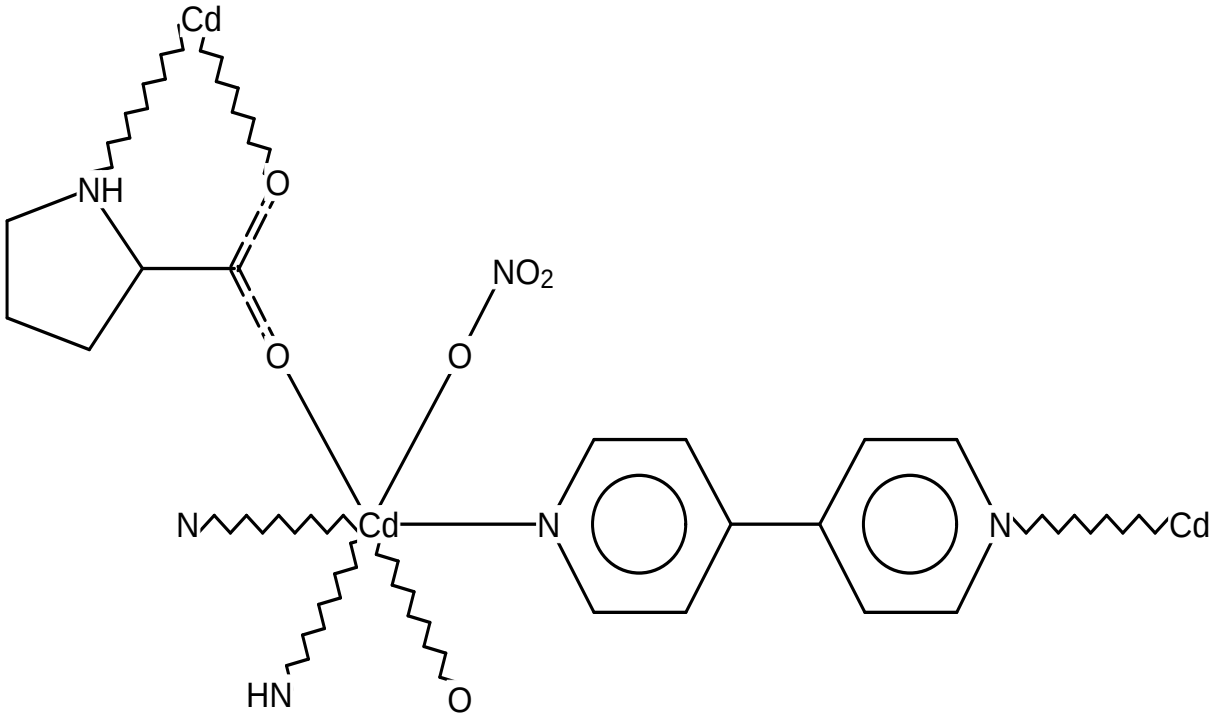
Reference: M.J.Ingleson, J.Bacsa, M.J.Rosseinsky (2007) *Chem.Commun.* ,3036

Formula: $(C_{15}\ H_{16}\ Cd_1\ N_4\ O_5)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl-N,N')-(μ_2-L-proline-N,O,O')-(nitrate)-cadmium]

Space Group:	P212121	***Cell:***	***a***	9.577(1)	***b***	11.813(1)	***c***	14.718(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.64 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.774



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2558

VIHYER

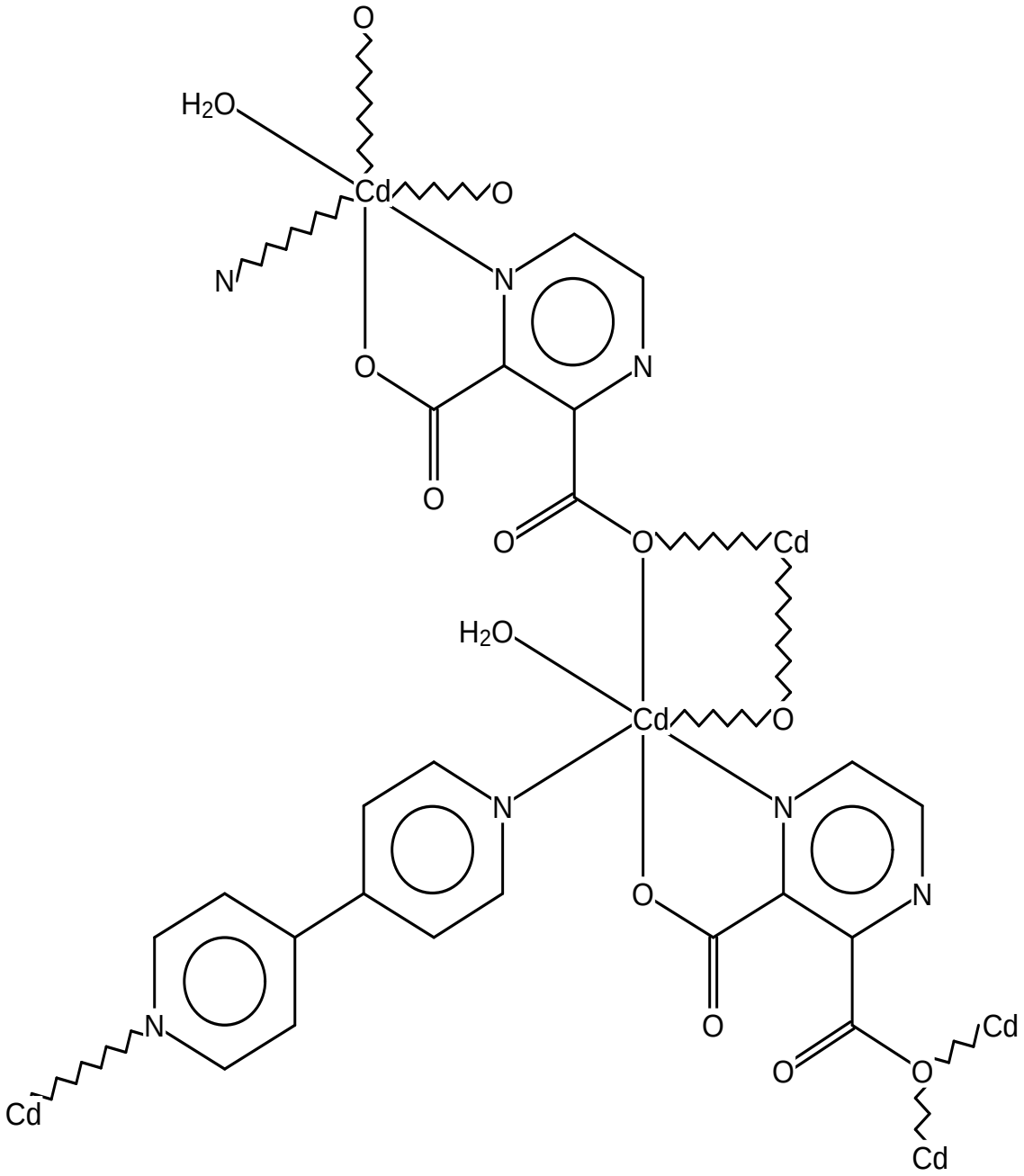
Reference: Hua Yin, Shi-Xiong Liu (2007) *Polyhedron* ,**26,**3103

Formula: $(C_{22}\ H_{16}\ Cd_2\ N_6\ O_{10})n$

Compound Name: catena-(bis(μ_3-2,3-Pyrazinedicarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-di-cadmium(ii))

Space Group:	P21/n	***Cell:***	***a***	10.915(5)	***b***	7.576(4)	***c***	13.719(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.98(1)	γ	90.00

R-Factor (%):	3.48	***Temperature(K):***	293	***Density(g/cm^3):***	2.196



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2559

VIHYER01

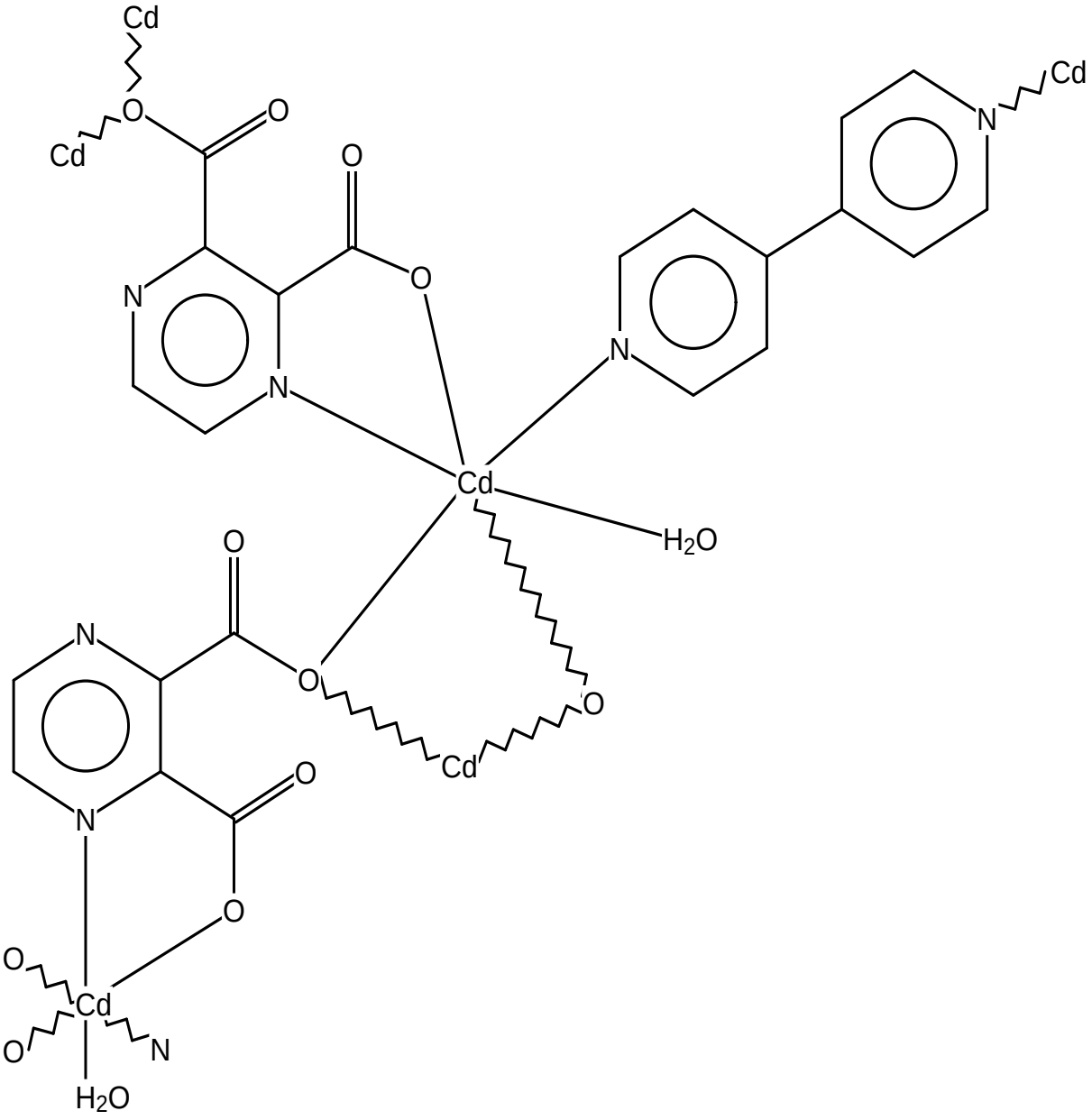
Reference: Yi Ma, Zhengbo Han, Yongke He, Pengcheng Zhao (2008) *J.Coord.Chem. ,***61,**563

Formula: $(C_{22}\ H_{16}\ Cd_2\ N_6\ O_{10})n$

Compound Name: catena-(bis(μ_3-Pyrazine-2,3-dicarboxylato-N,O,O',O')-(μ_2-4,4'-bipyridine)-diaqua-di-cadmium(ii))

Space Group:	P21/n	***Cell:***	***a***	10.881(1)	***b***	7.558(1)	***c*** 13.719(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.95(1)	γ 90.00

R-Factor (%): 2.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.208



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2560

VIJLAC

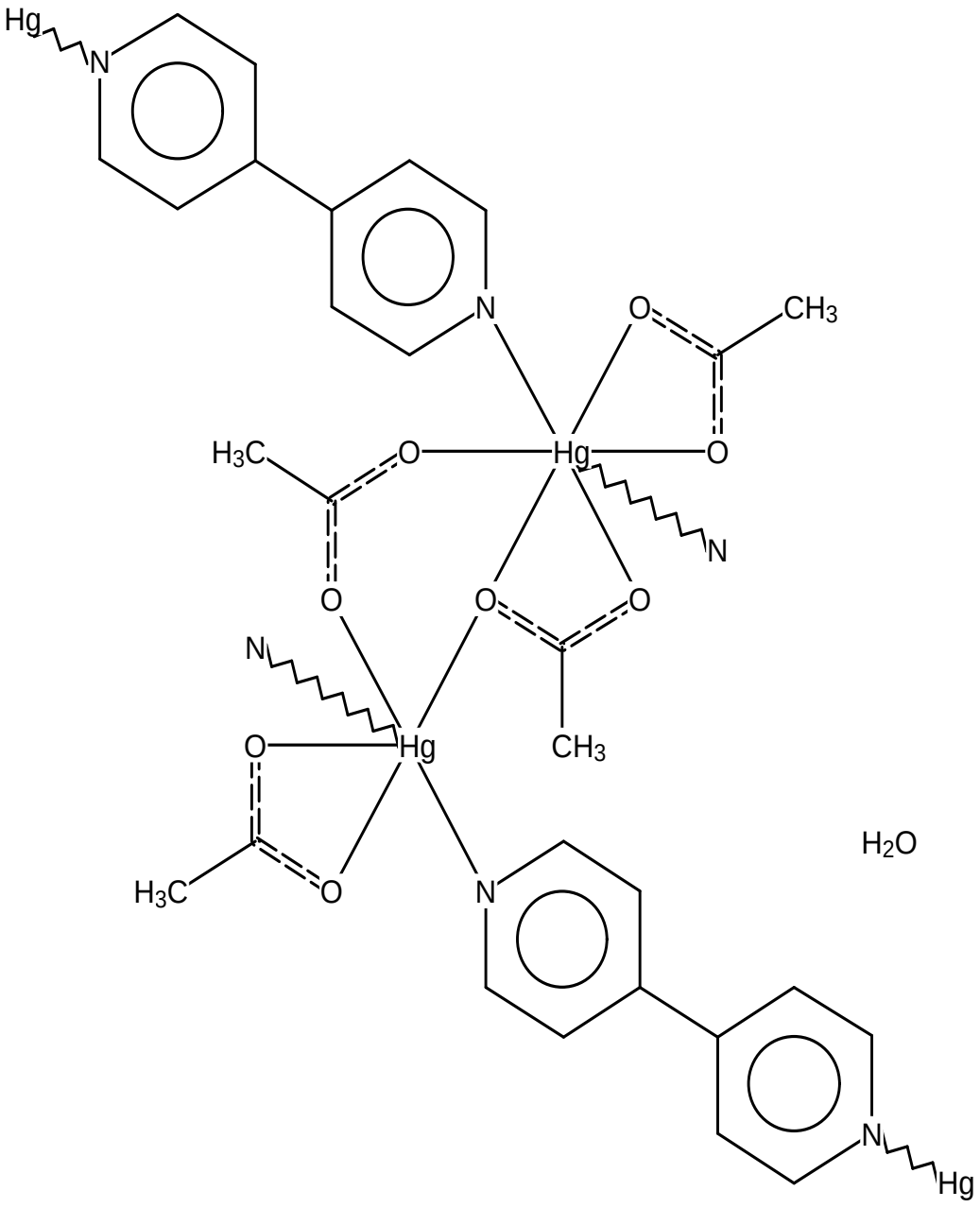
Reference: G.Mahmoudi, A.Morsali, A.D.Hunter, M.Zeller (2007) *Inorg.Chim.Acta* ,**360,**3196

Formula: $(C_{28}\ H_{28}\ Hg_2\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-Acetato-O,O,O')-(μ_2-acetato-O,O')-bis(μ_2-4,4'-bipyridine)-bis(acetato-O,O')-di-mercury(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	13.331(0)	***b***	11.809(0)	***c***	19.327(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.88(0)	γ	90.00

R-Factor (%):	2.45	***Temperature(K):***	100	***Density(g/cm^3):***	2.115



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2561

VIJSAI

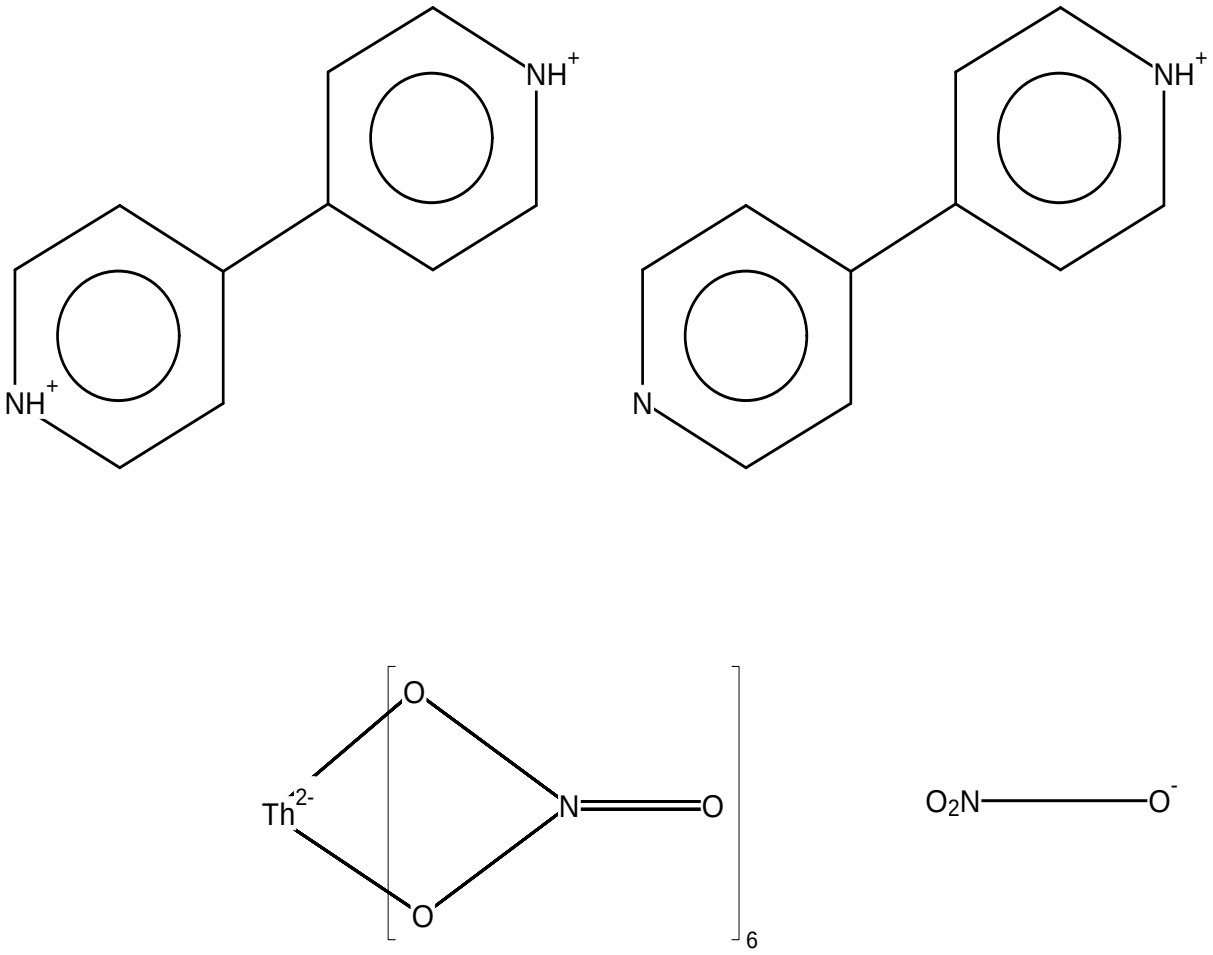
Reference: N.N.Rammo, K.R.Hamid, B.A.Khaleel (1990)
*J.Less-Common Met. ,***162,**1

Formula: $C_{10}\ H_{10}\ N_2\ ^{2+}$,$C_{10}\ H_9\ N_2\ ^{1+}$,$N_6\ O_{18}\ Th_1\ ^{2-}$,$N_1\ O_3\ ^{1-}$

Compound Name: 4,4'-Dipyridinium 4,4'-dipyridinium-nitrate hexanitrato-thorium(iv)

Space Group:	P-1	***Cell:***	***a***	9.536(2)	***b***	22.021(1)	***c*** 7.628(8)
Space Group No.:	2	***(Å,°)***	α	100.11(9)	β	97.61(9)	γ 114.56(3)

R-Factor (%): 3.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.335



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2562

VINBAV

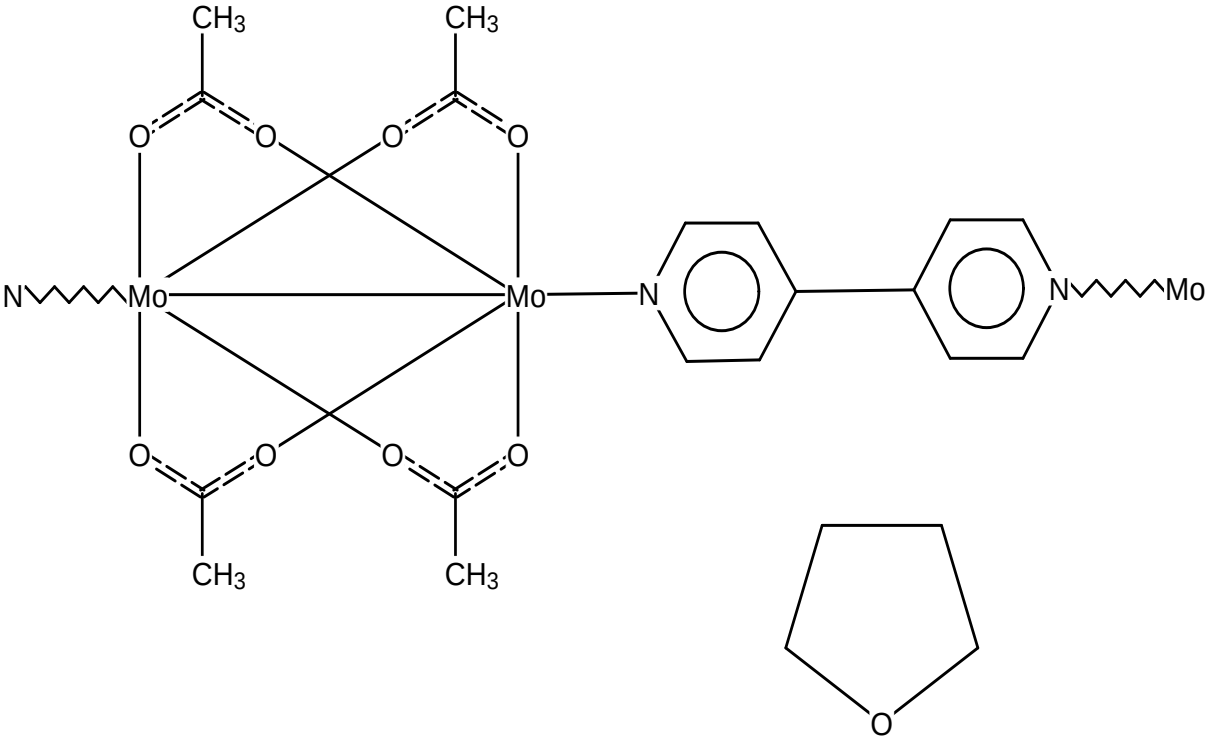
Reference: M.Handa, K.Kasamatsu, K.Kasuga, M.Mikuriya, T.Fujii (1990) *Chem.Lett.* ,1753

Formula: $(C_{18}\ H_{20}\ Mo_2\ N_2\ O_8)n,n(C_4\ H_8\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Acetato-O,O')-(μ_2-4,4'-bipyridyl)-di-molybdenum(ii) tetrahydrofuran solvate)

Space Group:	P-1	***Cell:***	***a*** 12.351(6)	***b*** 14.434(8)	***c*** 8.472(5)
Space Group No.:	2	***(Å,°)***	α 107.13(3)	β 110.08(3)	γ 66.56(5)

R-Factor (%): 5.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2563

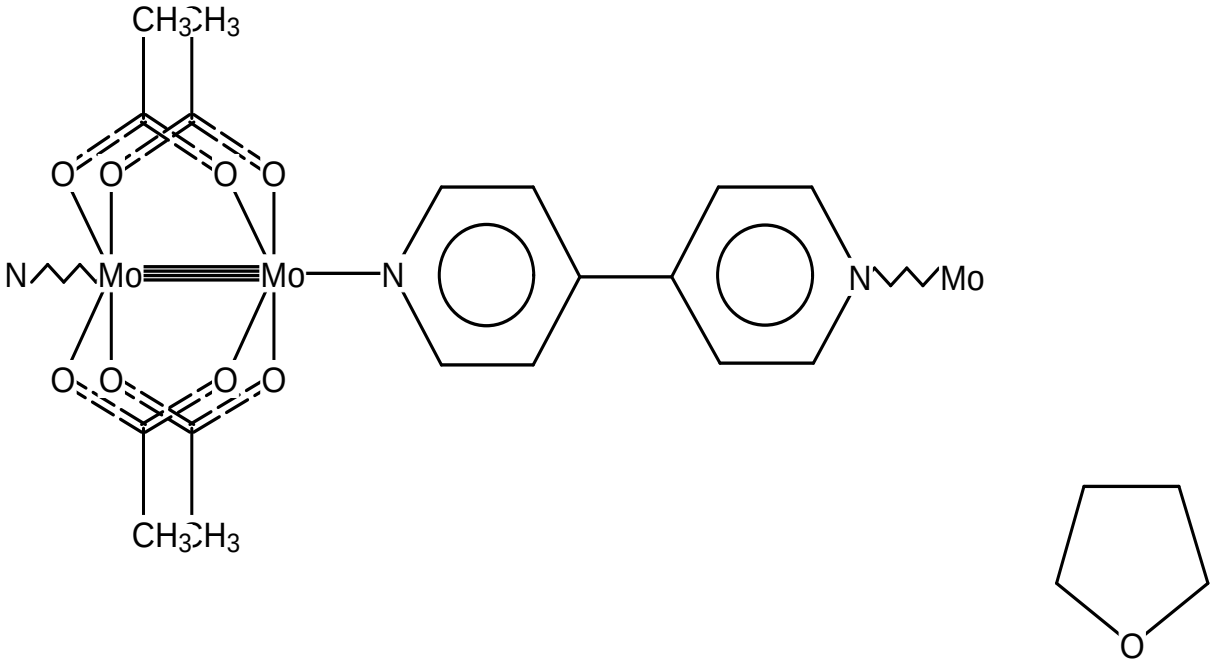
VINBAV10

Reference: M.Handa, M.Mikuriya, T.Kotera, K.Yamada, T.Nakao, H.Matsumoto, K.Kasuga (1995) *Bull.Chem.Soc.Jpn.* ,**68,**2567

Formula: $(C_{18}\ H_{20}\ Mo_2\ N_2\ O_8)n,n(C_4\ H_8\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetrakis(μ_2-acetato-O,O')-di-molybdenum(ii) tetrahydrofuran solvate)

Space Group:	P-1	***Cell:***	***a*** 12.351(6)	***b*** 14.434(8)	***c*** 8.472(5)
Space Group No.:	2	***(Å,°)***	α 107.13(3)	β 110.08(3)	γ 66.56(5)
R-Factor (%):	5.20	***Temperature(K):***	295	***Density(g/cm^3):***	1.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2564

VINBAV11

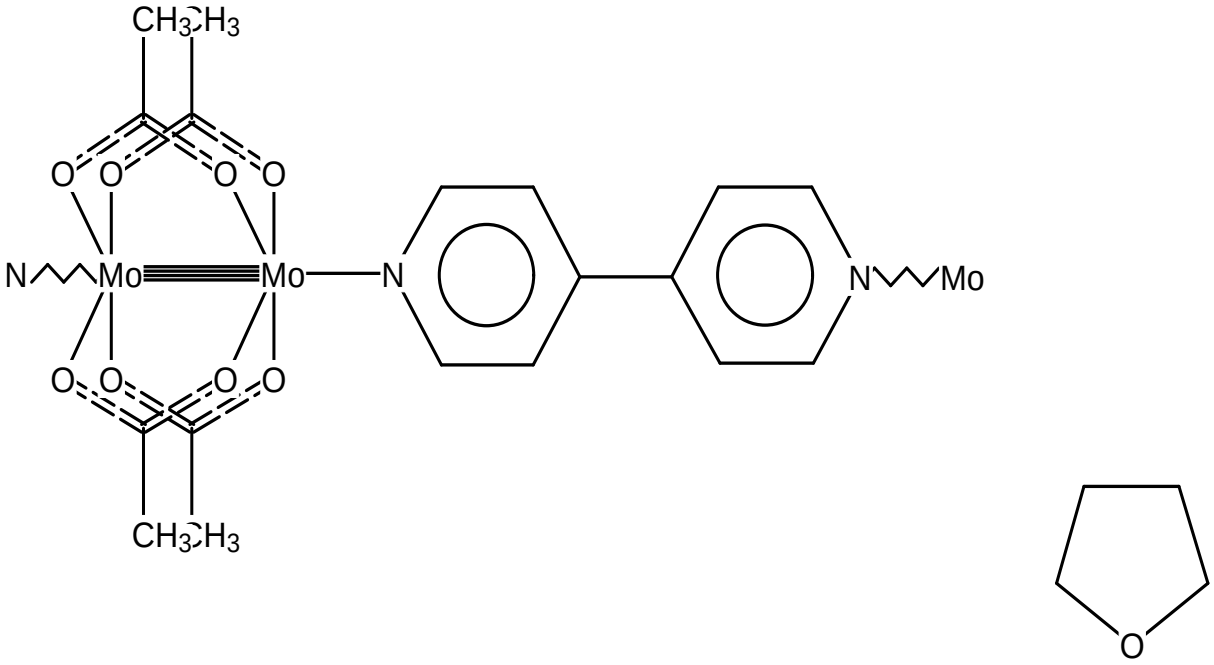
Reference: F.H.Herbstein, Shengzhi Hu, M.Kapon (2002)
*Acta Crystallogr.,Sect.B:Struct.Sci. ,***58,**884

Formula: $(C_{18}\ H_{20}\ Mo_2\ N_2\ O_8)n,n(C_4\ H_8\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetrakis(μ_2-acetato-O,O')-di-molybdenum(ii) tetrahydrofuran solvate)

Space Group:	C2/c	***Cell:***	***a***	23.200	***b*** 8.472	***c***	14.801
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.41	γ	90.00

R-Factor (%): 0.00 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.704



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2565

VIQCUT

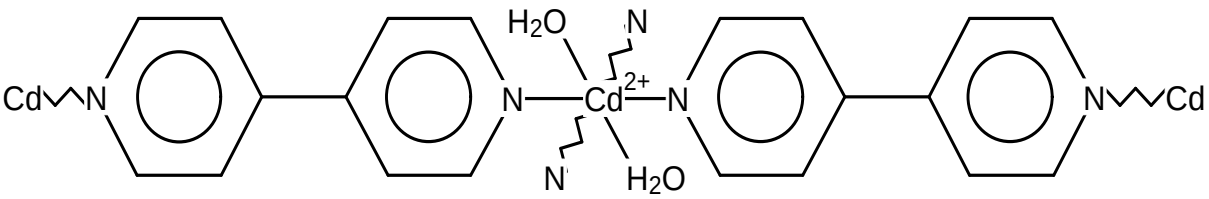
Reference: Cai-Ming Liu, Ren-Gen Xiong, Xiao-Zeng You, Wei Chen, Kong-Mun Lo (1998) *J.Coord.Chem.* ,**46,**211

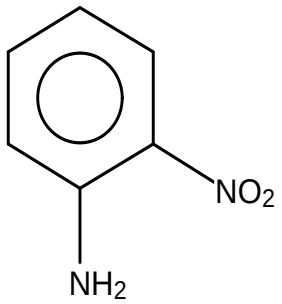
Formula: $(C_{20}\ H_{20}\ Cd_1\ N_4\ O_2\ ^{2+})n,2n(B_1\ F_4\ ^{1-}),2n(C_{10}\ H_8\ N_2),n(C_6\ H_6\ N_2\ O_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine)-diaqua-cadmium(ii) bis(tetrafluoroborate) bis(4,4'-bipyridine) 2-nitrobenzenamine clathrate dihydrate)

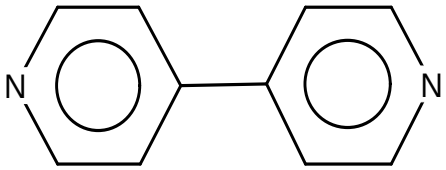
Space Group:	C2/c	***Cell:***	***a***	17.844(1)	***b***	11.848(1)	***c*** 23.502(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.00(1)	γ 90.00

R-Factor (%): 7.87 ***Temperature(K):*** 300 ***Density(g/cm^3):*** 1.517





BF_4^-



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2566

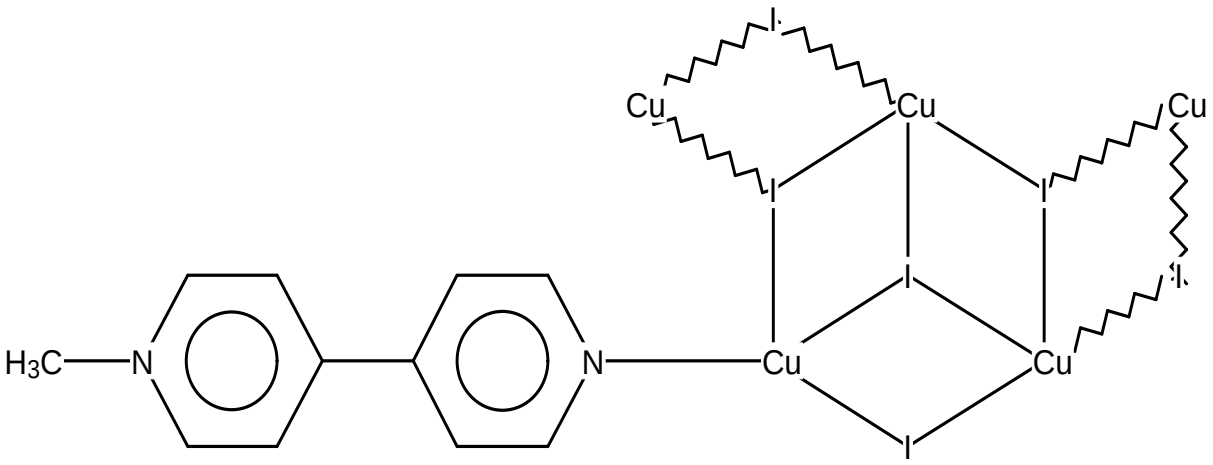
VISHEK

Reference: D.Adam, B.Herrschaft, H.Hartl (1991)
*Z.Naturforsch.,B:Chem.Sci. ,***46,**738

Formula: $(C_{11}\ H_{11}\ Cu_3\ I_4\ N_2)n$

Compound Name: catena-((N-Methyl-4,4'-bipyridinium-tetra-iodo-tri-copper(i)) tris(di-iodo-copper(i)))

Space Group:	P-1	***Cell:***	***a***	9.388(2)	***b***	9.800(4)	***c***	10.701(3)
Space Group No.:	2	***(Å,°)***	α	73.56(3)	β	75.79(2)	γ	89.50(3)
R-Factor (%):	2.50	***Temperature(K):***	295		***Density(g/cm^3):***		3.161	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2567

VISTIB

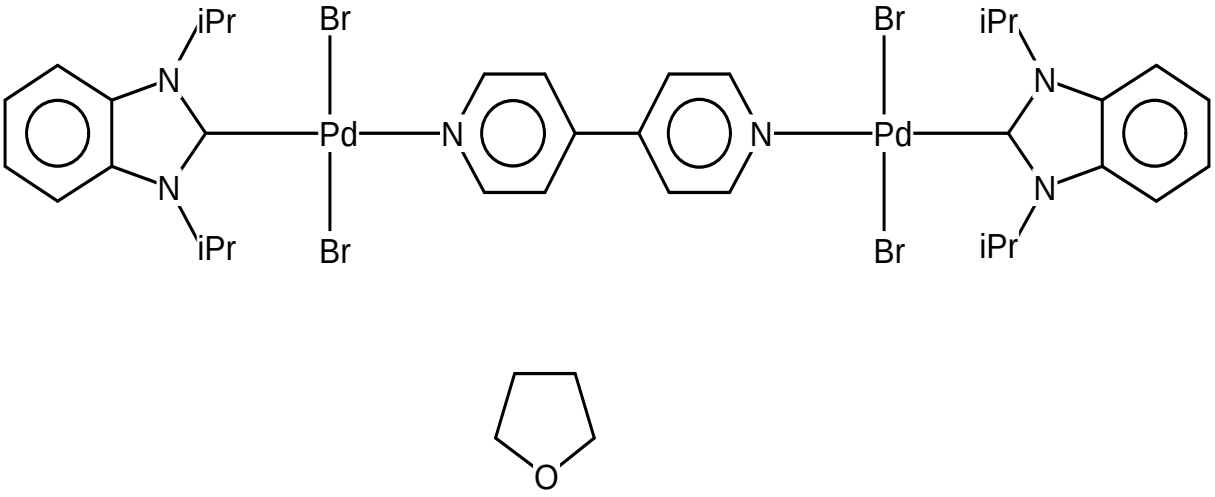
Reference: Yuan Han, Han Vinh Huynh, Geok Kheng Tan (2007) *Organometallics* ,**26,**6447

Formula: $C_{36}\ H_{44}\ Br_4\ N_6\ Pd_2,2(C_4\ H_8\ O_1)$

Compound Name: (μ_2-4,4'-bipyridine)-tetrabromo-bis(N,N'-di-isopropylbenzimidazol-2-ylidene)-di-palladium(ii) tetrahydrofuran solvate

Space Group:	C2/c	***Cell:***	***a***	14.947(0)	***b***	10.120(0)	***c***	64.853(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.14(0)	γ	90.00

R-Factor (%): 7.88 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.676



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2568

VITSAS

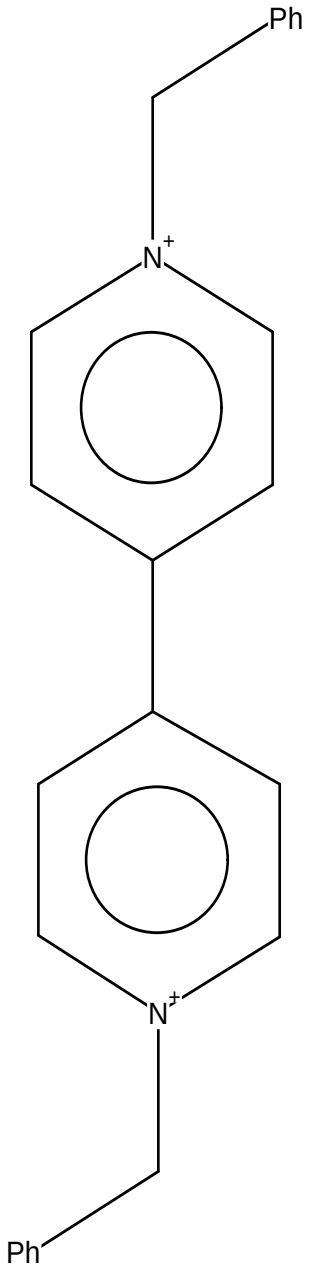
Reference: B.Scott, R.D.Willett (1991)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***47,**1389

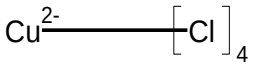
Formula: $2(C_{24}\ H_{22}\ N_2\ ^{2+}),H_2\ Cl_3\ Cu_1\ O_1\ ^{1-},Cl_4\ Cu_1\ ^{2-},Cl_2\ Cu_1\ ^{1-}$

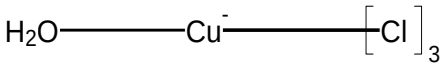
Compound Name: bis(N,N'-Dibenzyl-4,4'-bipyridinium) aqua-trichloro-copper(ii) tetrachloro-copper(ii) dichloro-copper(i)

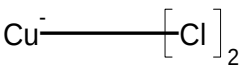
Space Group:	C2/c	***Cell:***	***a***	27.780(10)	***b*** 24.408(5)	***c***	18.202(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 125.35(2)	γ	90.00

R-Factor (%): 6.67 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.590









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2569

VITVEA

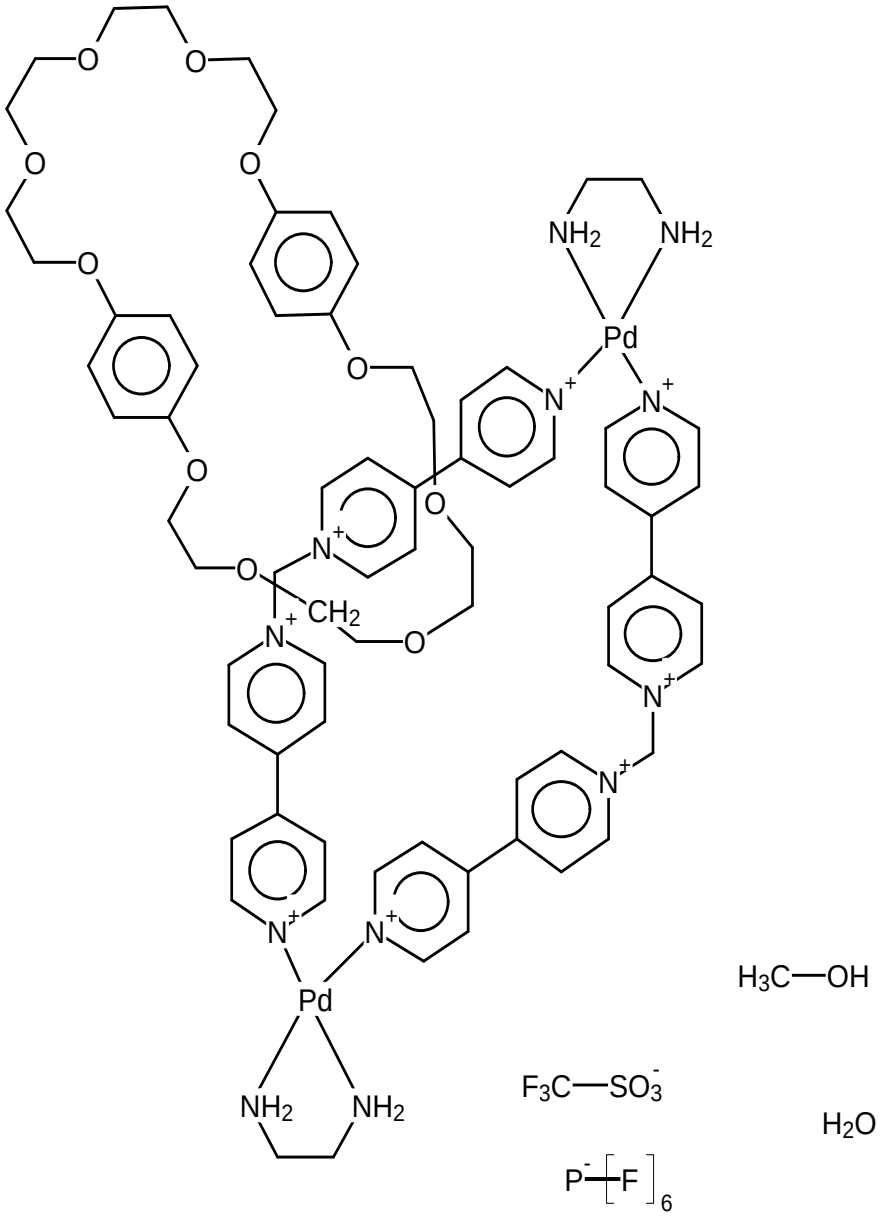
Reference: V.Blanco, M.Chas, D.Abella, C.Peinador, J.M.Quintela (2007) *J.Am.Chem.Soc.* ,**129,**13978

Formula: $2(C_{28}\ H_{40}\ O_{10}),C_{46}\ H_{52}\ N_{12}\ Pd_2\ ^{8+},4(F_6\ P_1\ ^{1-}),4(C_1\ F_3\ O_3\ S_1\ ^{1-}),6(C_1\ H_4\ O_1),4(H_2\ O_1$

Compound Name: (3)-bis(bis(p-Phenylene)-34-crown-10) bis((μ_2-1,1'-methylene-bis(4,4'-bipyridinium))-(ethylene-1,2-diamine))-di-palladium catenane tetrakis(hexafluorophosphate) tetrakis(trifluoromethanesulfonate) methanol solvate tetrahydrate

Space Group:	P-1	***Cell:***	***a***	18.292(3)	***b***	20.433(3)	***c*** 20.878(3)
Space Group No.:	2	***(Å,°)***	α	76.24(0)	β	78.64(0)	γ 79.90(0)

R-Factor (%): 15.89 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.578



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2570

VITVIE

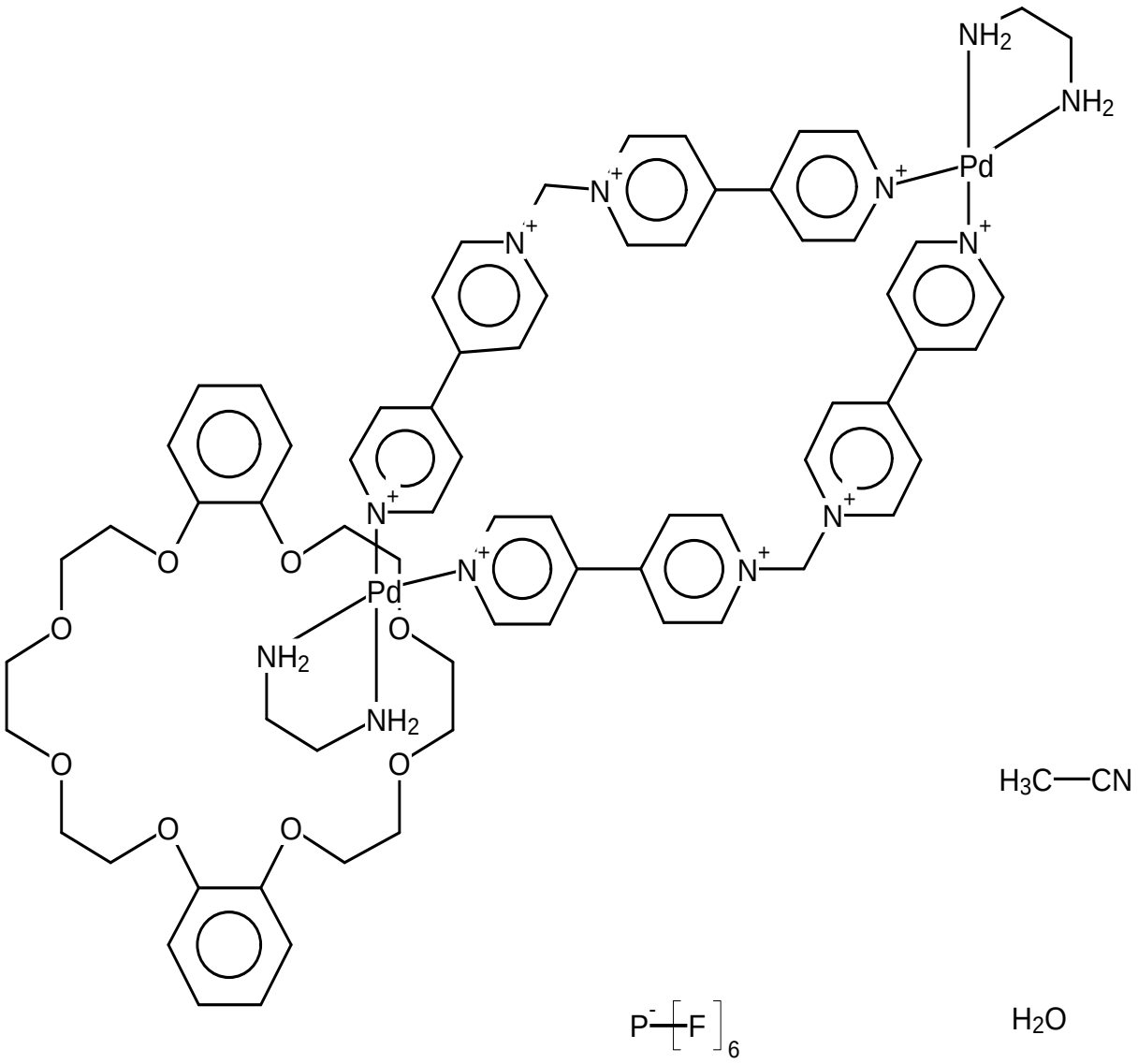
Reference: V.Blanco, M.Chas, D.Abella, C.Peinador, J.M.Quintela (2007) *J.Am.Chem.Soc.* ,**129,**13978

Formula: $2(C_{24}\ H_{32}\ O_8),C_{46}\ H_{52}\ N_{12}\ Pd_2\ ^{8+},8(F_6\ P_1\ ^{1-}),4(C_2\ H_3\ N_1),2.66(H_2\ O_1)$

Compound Name: (3)-bis(Dibenzo-(24)-crown-8) bis((μ_2-1,1'-methylene-bis(4,4'-bipyridinium))-(ethylene-1,2-diamine))-di-palladium catenane octakis(hexafluorophosphate) acetonitrile solvate hydrate

Space Group:	R-3	***Cell:***	***a***	37.849(1)	***b***	37.849(1)	***c*** 33.416(1)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 8.16 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.564



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2571

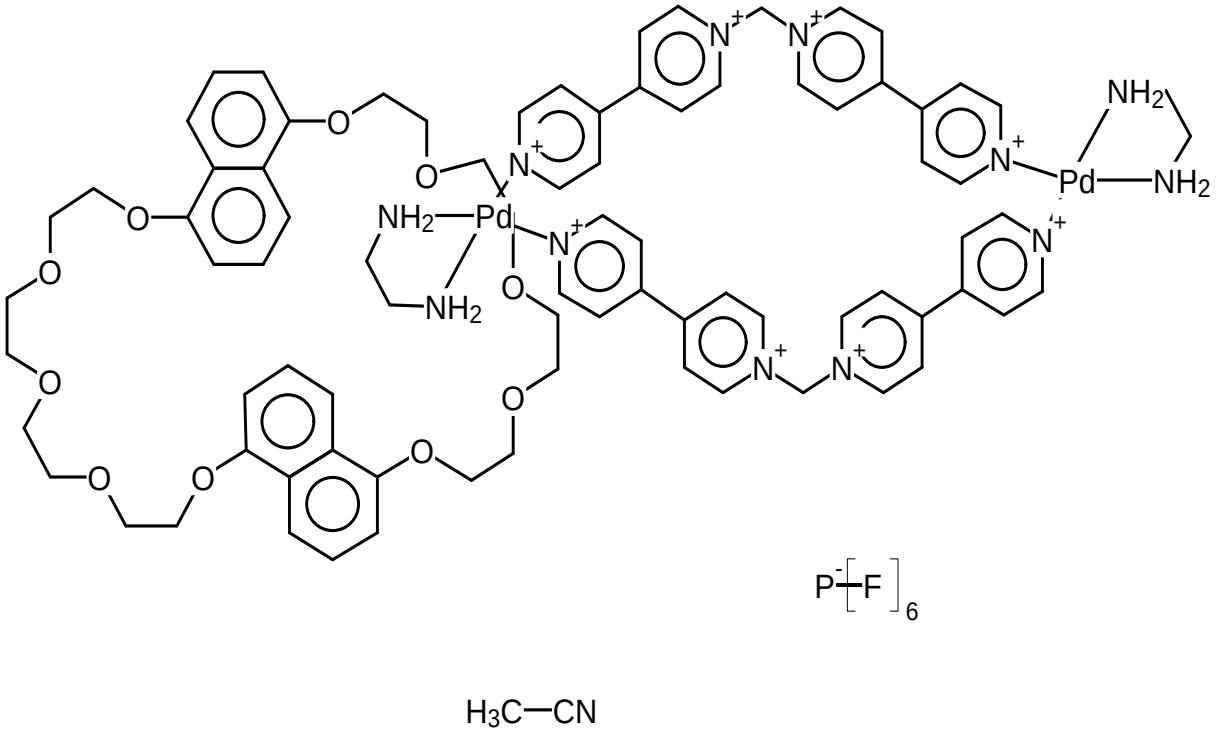
VITVOK

Reference: V.Blanco, M.Chas, D.Abella, C.Peinador, J.M.Quintela (2007) *J.Am.Chem.Soc.* ,**129,**13978

Formula: $2(C_{36}\ H_{44}\ O_{10}),C_{46}\ H_{52}\ N_{12}\ Pd_2\ ^{8+},8(F_6\ P_1\ ^{1-}),14(C_2\ H_3\ N_1)$

Compound Name: (3)-bis(1,5-Dinaphtho(38-crown-10)) bis((μ$_2$-1,1'-methylene-bis(4,4'-bipyridinium))-(ethylene-1,2-diamine))-di-palladium catenane octakis(hexafluorophosphate) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a*** 15.821(4)	***b*** 16.112(4)	***c*** 19.211(4)
Space Group No.:	2	***(Å,°)***	α 111.09(0)	β 100.67(0)	γ 98.21(0)
R-Factor (%):	5.47	***Temperature(K):***	100	***Density(g/cm^3):***	1.517		



$H_3C—CN$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2572

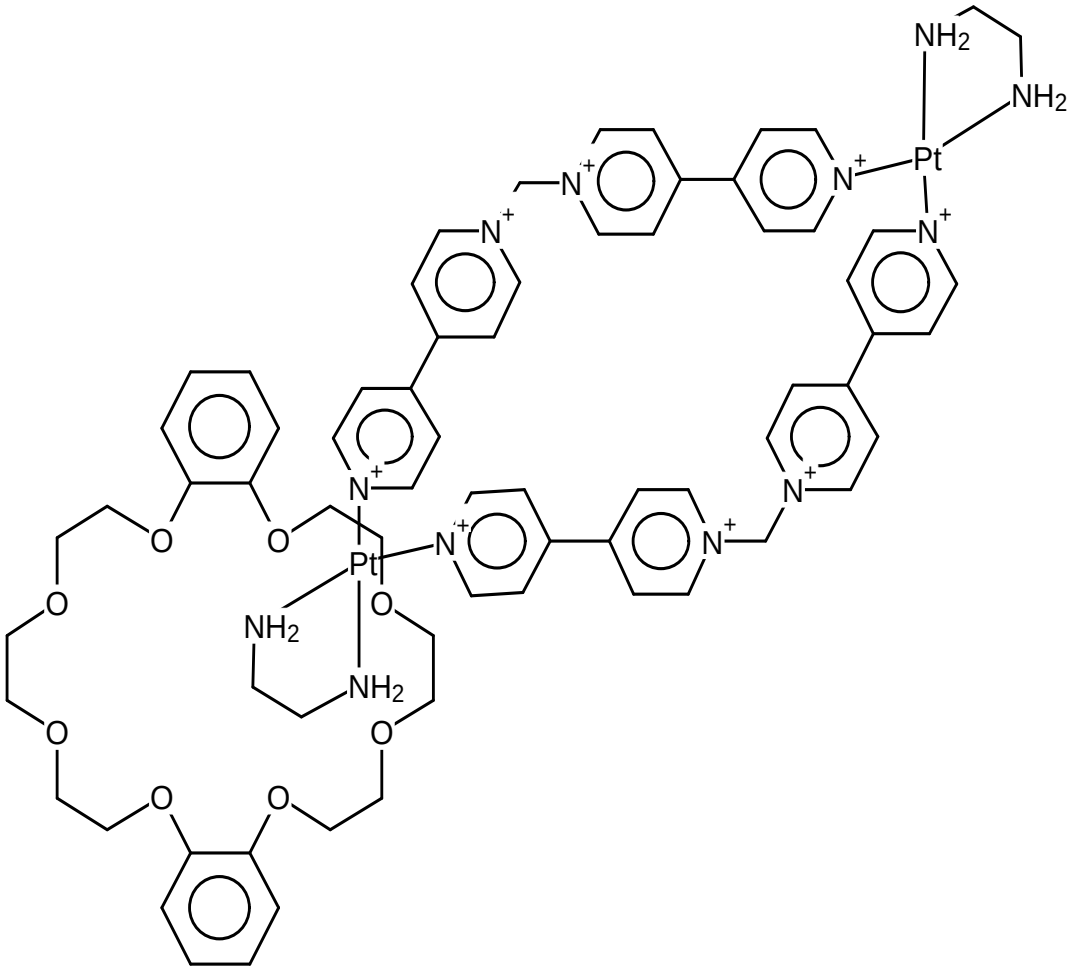
VITVUQ

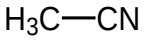
Reference: V.Blanco, M.Chas, D.Abella, C.Peinador, J.M.Quintela (2007) *J.Am.Chem.Soc.* ,**129,**13978

Formula: $2(C_{24}H_{32}O_8),C_{46}H_{52}N_{12}Pt_2^{8+},8(F_6P_1^{1-}),4(C_2H_3N_1),6(H_2O_1)$

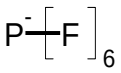
Compound Name: (3)-bis(Dibenzo-(24)-crown-8) bis((μ_2-1,1'-methylene-bis(4,4'-bipyridinium))-(ethylene-1,2-diamine))-di-platinum catenane octakis(hexafluorophosphate) acetonitrile solvate hexahydrate

Space Group:	P21/c	***Cell:***	***a***	16.779(5)	***b*** 21.728(5)	***c***	19.777(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.11(0)	γ	90.00
R-Factor (%):	8.82	***Temperature(K):***	100		***Density(g/cm^3):***		1.692









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2573

VITWAX

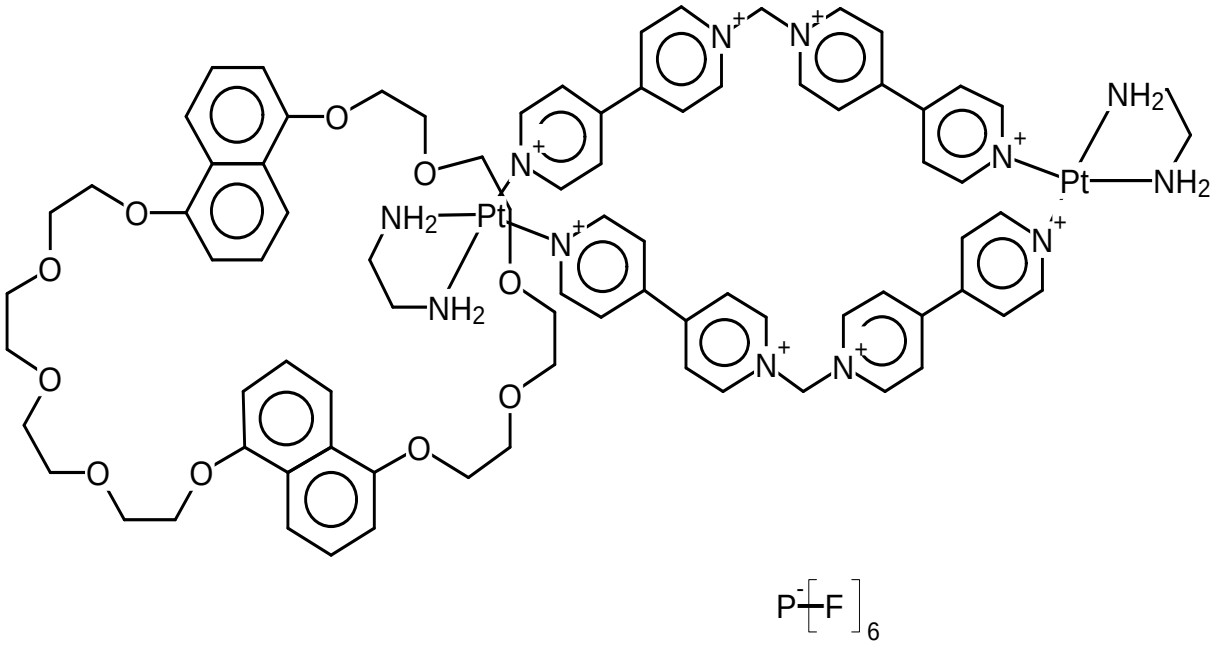
Reference: V.Blanco, M.Chas, D.Abella, C.Peinador, J.M.Quintela (2007) *J.Am.Chem.Soc.* ,**129,**13978

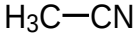
Formula: $2(C_{36}\ H_{44}\ O_{10}),C_{46}\ H_{52}\ N_{12}\ Pt_2\ ^{8+},8(F_6\ P_1\ ^{1-}),7(C_2\ H_3\ N_1),4(H_2\ O_1)$

Compound Name: (3)-bis(1,5-Dinaphtho(38-crown-10)) bis((μ_2-1,1'-methylene-bis(4,4'-bipyridinium))-(ethylene-1,2-diamine))-di-platinum catenane octakis(hexafluorophosphate) acetonitrile solvate tetrahydrate

Space Group:	Cc	***Cell:***	***a***	38.981(5)	***b*** 21.921(5)	***c***	24.767(5)
Space Group No.:	9	***(Å,°)***	α	90.00	β 125.98(0)	γ	90.00

R-Factor (%): 6.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.534







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2574

VIWBEJ

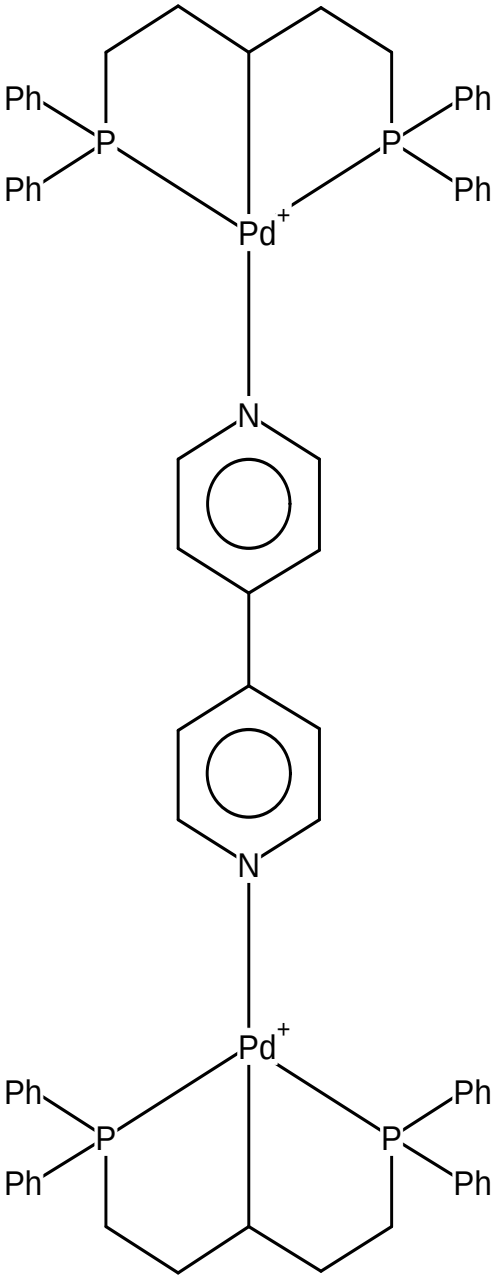
Reference: Kian Eang Neo, Han Vinh Huynh, Lip Lin Koh, W.Henderson, T.S.A.Hor (2007) *Dalton Trans.* ,5701

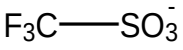
Formula: $C_{68}\ H_{66}\ N_2\ P_4\ Pd_2\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(1,5-bis(diphenylphosphino)pentan-3-yl)-di-palladium(ii) bis(trifluoromethanesulfonate)

Space Group:	P21/c	***Cell:***	***a***	10.004(1)	***b*** 17.732(2)	***c***	18.719(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.49(0)	γ	90.00

R-Factor (%): 6.37 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.578





Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2575

VIWQIB

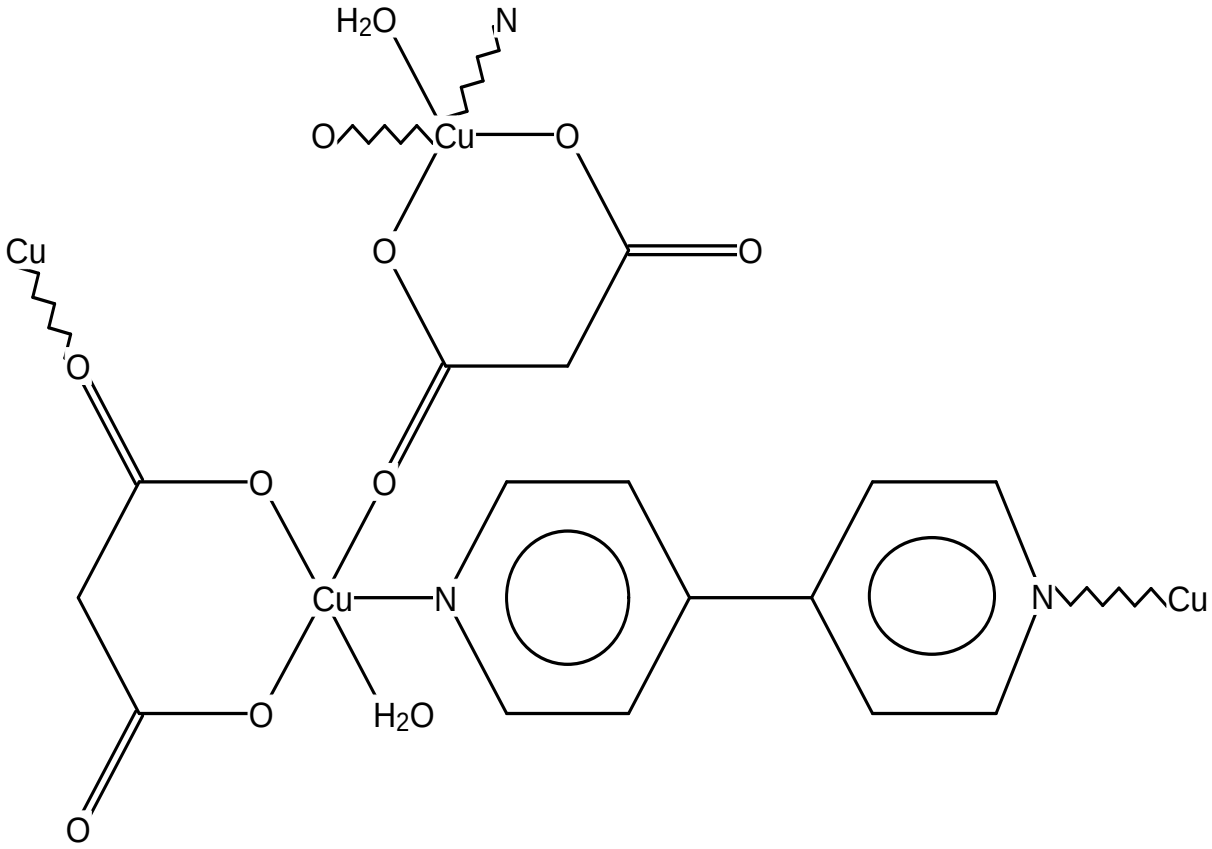
Reference: Y.Rodriguez-Martin, C.Ruiz-Perez, J.Sanchiz, F.Lloret, M.Julve (2001) *Inorg.Chim.Acta* ,**318,**159

Formula: $(C_{16}\ H_{16}\ Cu_2\ N_2\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(μ_2-malonic acid)-diaqua-di-copper(ii))

Space Group:	P-421c	***Cell:***	***a***	16.331(3)	***b*** 16.331(3)	***c***	7.560(1)
Space Group No.:	114	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 5.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.724



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2576

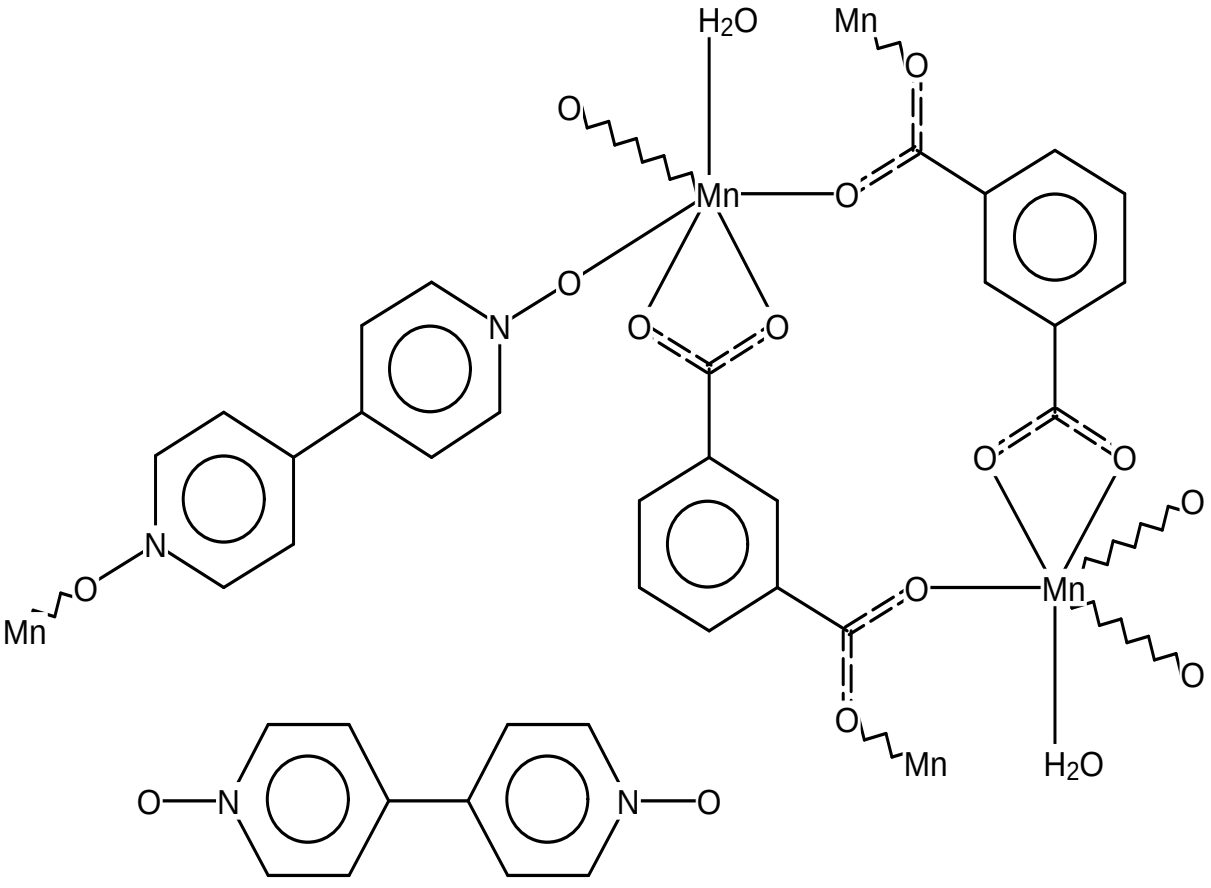
VIWWOO

Reference: S.C.Manna, E.Zangrando, J.Ribas, N.R.Chaudhuri (2008) *Eur.J.Inorg.Chem.* ,1400

Formula: $(C_{26}\ H_{20}\ Mn_2\ N_2\ O_{12})n,n(C_{10}\ H_8\ N_2\ O_2),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Isophthalato)-(μ_2-4,4'-bipyridine-N,N'-dioxide)-diaqua-manganese(ii) 4,4'-bipyridine-N,N'-dioxide tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.214(3)	***b***	10.043(3)	***c***	11.982(4)
Space Group No.:	2	***(Å,°)***	α	69.30(2)	β	78.14(2)	γ	69.09(2)
R-Factor (%):	4.41	***Temperature(K):***	293		***Density(g/cm^3):***		1.588	



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2577

VOCSEM

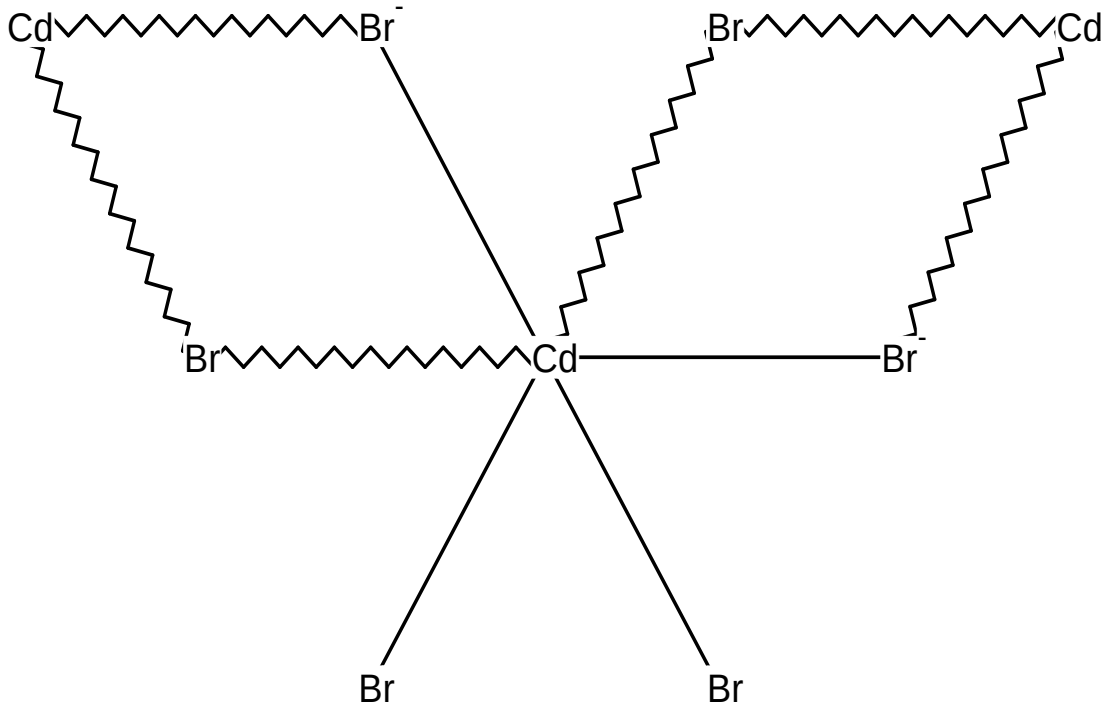
Reference: R.Al-Far, B.F.Ali (2008) *J.Chem.Cryst.* ,**38,**289

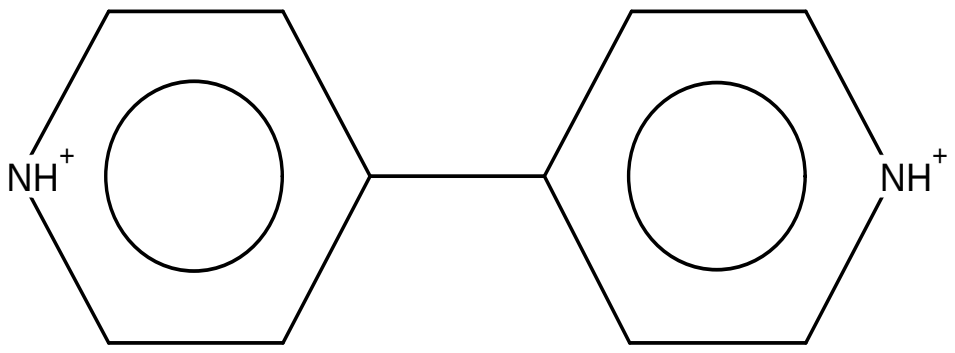
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Br_4\ Cd_1\ ^{2-})$

Compound Name: catena-(4,4'-Dipyridinium bis(μ_2-bromo)-dibromo-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	16.119(3)	***b*** 13.206(3)	***c***	7.260(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.62(3)	γ	90.00

R-Factor (%): 7.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.813





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2578

VOCXUH

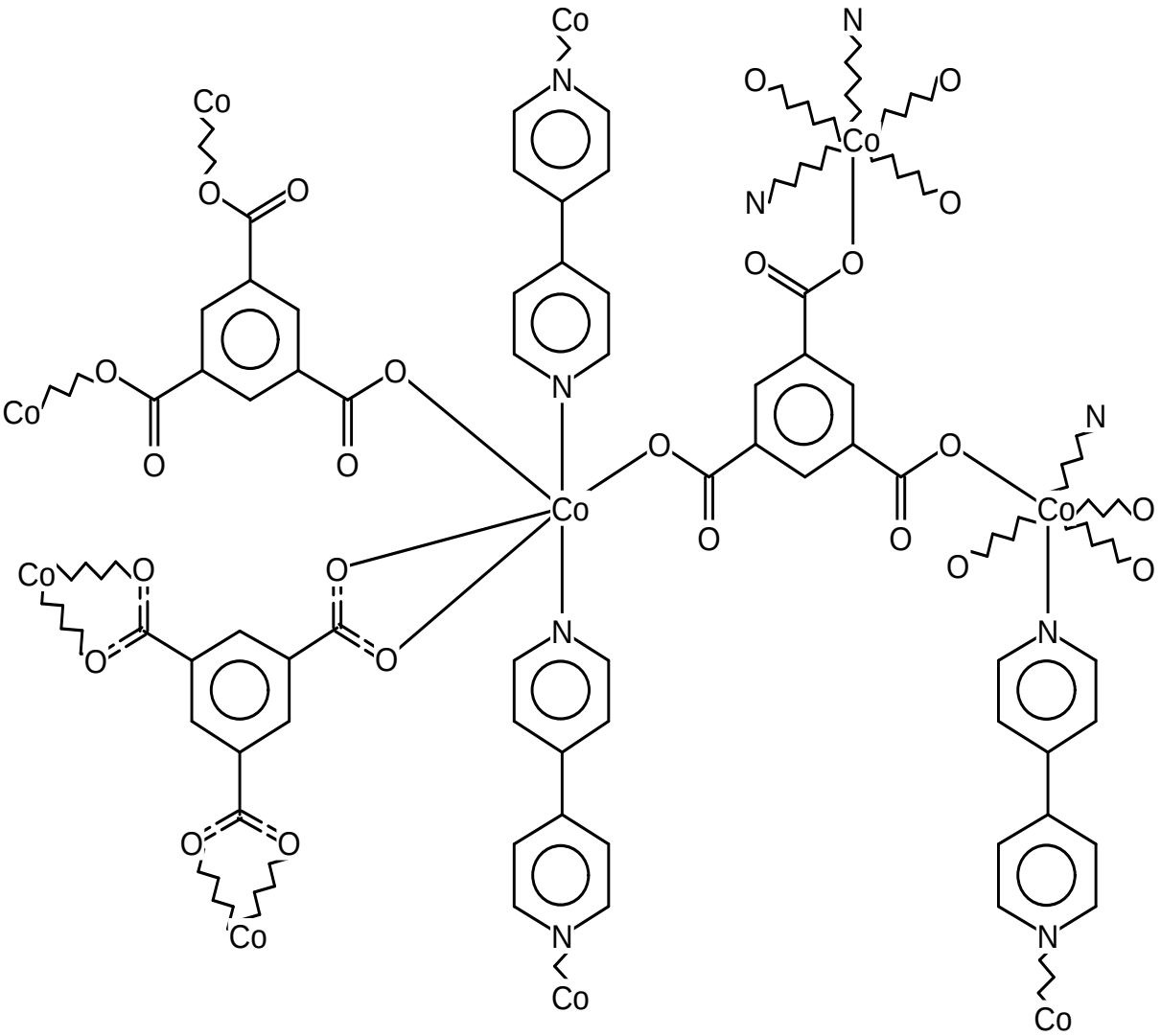
Reference: A.F.Jalbout, Xin-Hua Li, M.R.Hassan, G.M.G.Hossain (2008) *Transition Met.Chem. ,***33,**597

Formula: $(C_{57}\ H_{33}\ Co_3\ N_6\ O_{18})n$

Compound Name: catena-((μ_3-Benzene-1,3,5-tricarboxylato)-bis(μ_3-benzene-1,3,5-tricarboxylato-O,O',O'')-tris(μ_2-4,4'-bipyridine)-tri-cobalt)

Space Group:	P-62m	***Cell:***	***a***	16.674(1)	***b***	16.674(1)	***c*** 11.389(2)
Space Group No.:	189	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 11.89 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.534



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2579

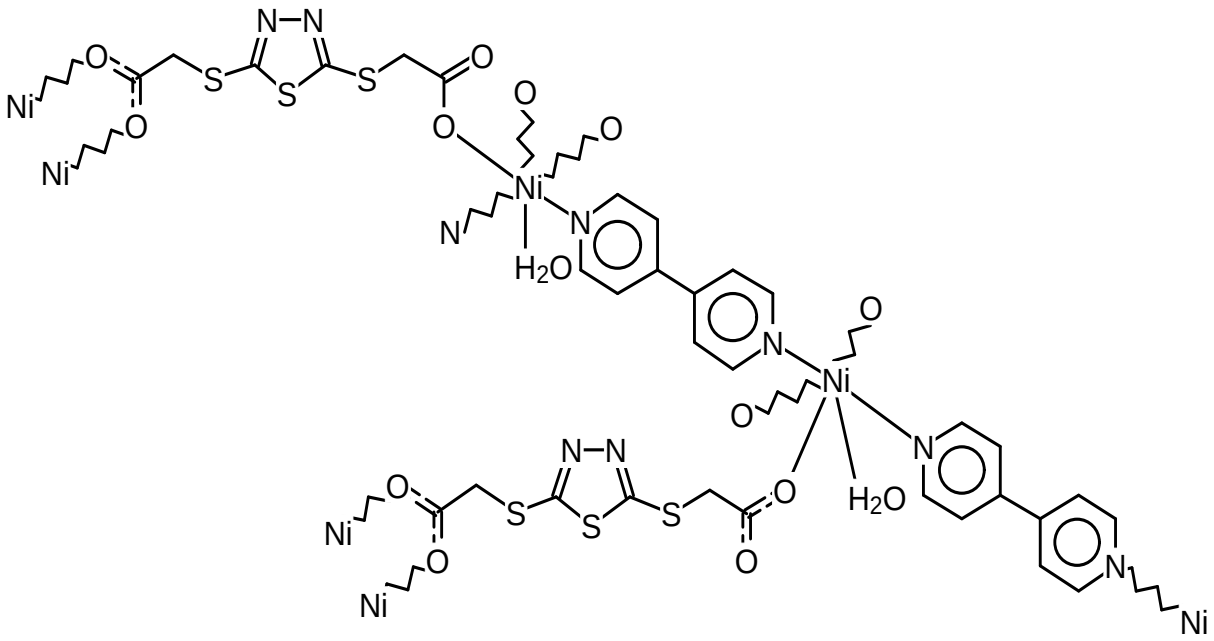
VOCZUJ

Reference: Yu-Ting Wang, Xiao-Qing Shen, Yao-Ting Fan, Hong-Chang Yao, Hong-Wei Hou (2008) *Supramol.Chem. ,***20,**501

Formula: $(C_{32}\ H_{28}\ N_8\ Ni_2\ O_{10}\ S_6)n$

Compound Name: catena-(bis((μ3-2,5-bis(Carboxylatomethylmercapto)-1,3,4-thiadiazole-O,O',O'')-(μ2-4,4'-bipyridine-N,N')-aqua)-di-nickel)

Space Group:	P21/c	***Cell:***	***a***	22.541(1)	***b***	17.883(1)	***c***	9.127(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.91(0)	γ	90.00
R-Factor (%):	4.16	***Temperature(K):***	291		***Density(g/cm3):***	1.805		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2580

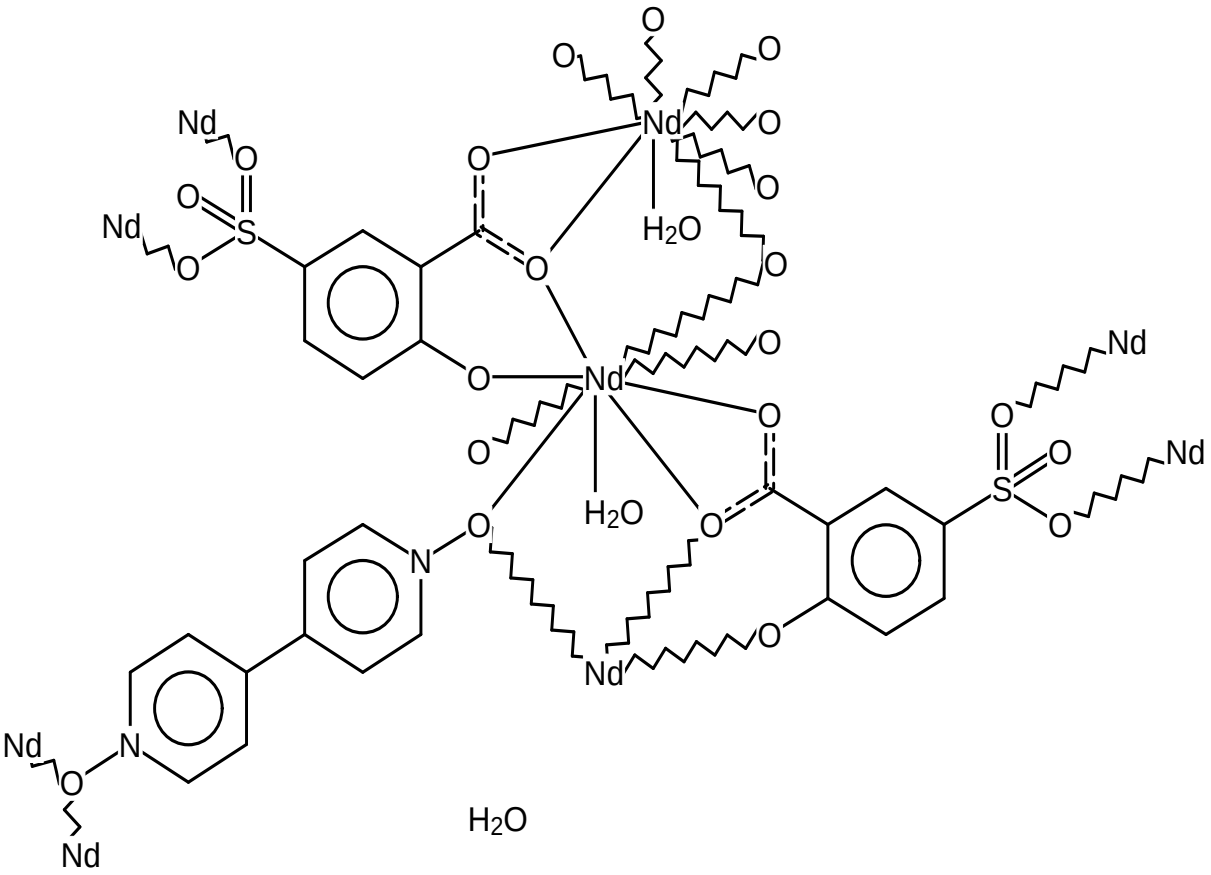
VODROW

Reference: Zhen-Da Lu, Jing Yao, Jian-Guo Lin, Yan-Yan Xing, Qing-Jin Meng, Song Gao, Chang-Sheng Lu (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**1335

Formula: $(C_{24}\ H_{18}\ N_2\ Nd_2\ O_{16}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_4$-5-Sulfosalicylato)-(μ$_4$-4,4'-bipyridine-N,N-dioxide)-diaqua-di-neodymium(iii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	9.298(1)	***b***	7.604(1)	***c*** 20.115(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.34(0)	γ 90.00
R-Factor (%):	5.30	***Temperature(K):***	293		***Density(g/cm^3):***		2.332



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2581

VODRUC

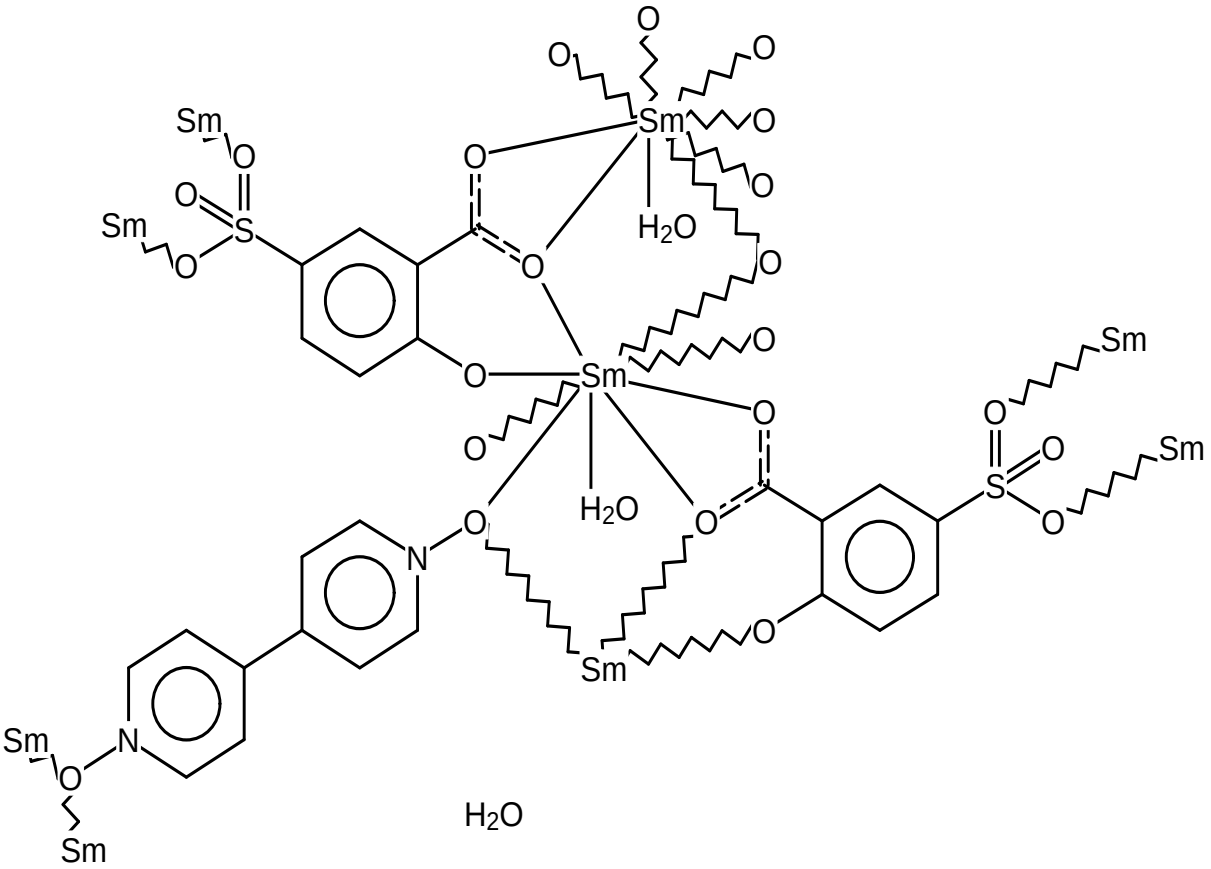
Reference: Zhen-Da Lu, Jing Yao, Jian-Guo Lin, Yan-Yan Xing, Qing-Jin Meng, Song Gao, Chang-Sheng Lu (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**1335

Formula: $(C_{24}\ H_{18}\ N_2\ O_{16}\ S_2\ Sm_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_4$-5-Sulfosalicylato)-(μ$_4$-4,4'-bipyridine-N,N-dioxide)-diaqua-di-samarium(iii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	9.284(1)	***b***	7.572(1)	***c*** 20.124(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.04(0)	γ 90.00

R-Factor (%): 2.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.371



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2582

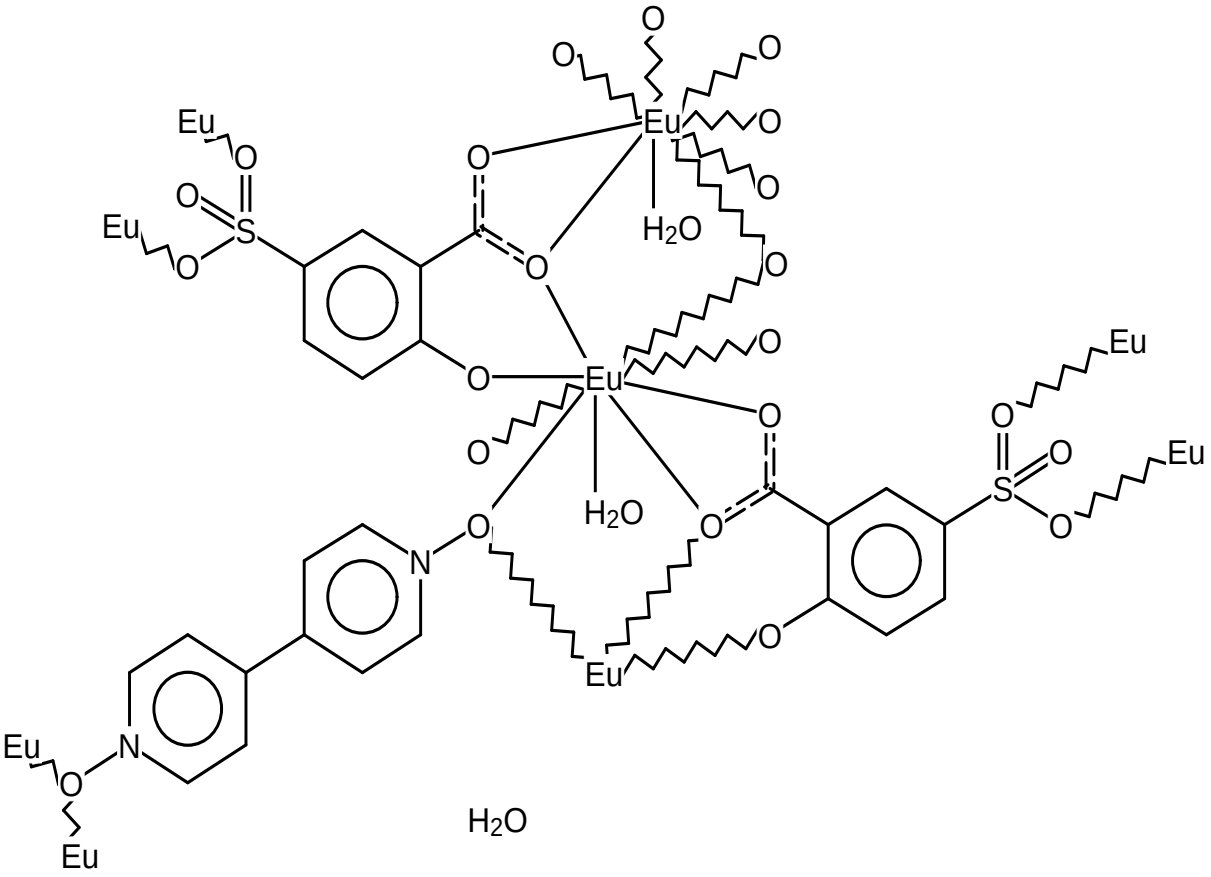
VODSAJ

Reference: Zhen-Da Lu, Jing Yao, Jian-Guo Lin, Yan-Yan Xing, Qing-Jin Meng, Song Gao, Chang-Sheng Lu (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**1335

Formula: $(C_{24}\ H_{18}\ Eu_2\ N_2\ O_{16}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ$_4$-5-Sulfosalicylato)-(μ$_4$-4,4'-bipyridine-N,N-dioxide)-diaqua-di-europium(iii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	9.268(2)	***b***	7.562(1)	***c*** 20.103(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	101.07(0)	γ 90.00
R-Factor (%):	3.97	***Temperature(K):***	293		***Density(g/cm^3):***		2.389



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2583

VOGGON

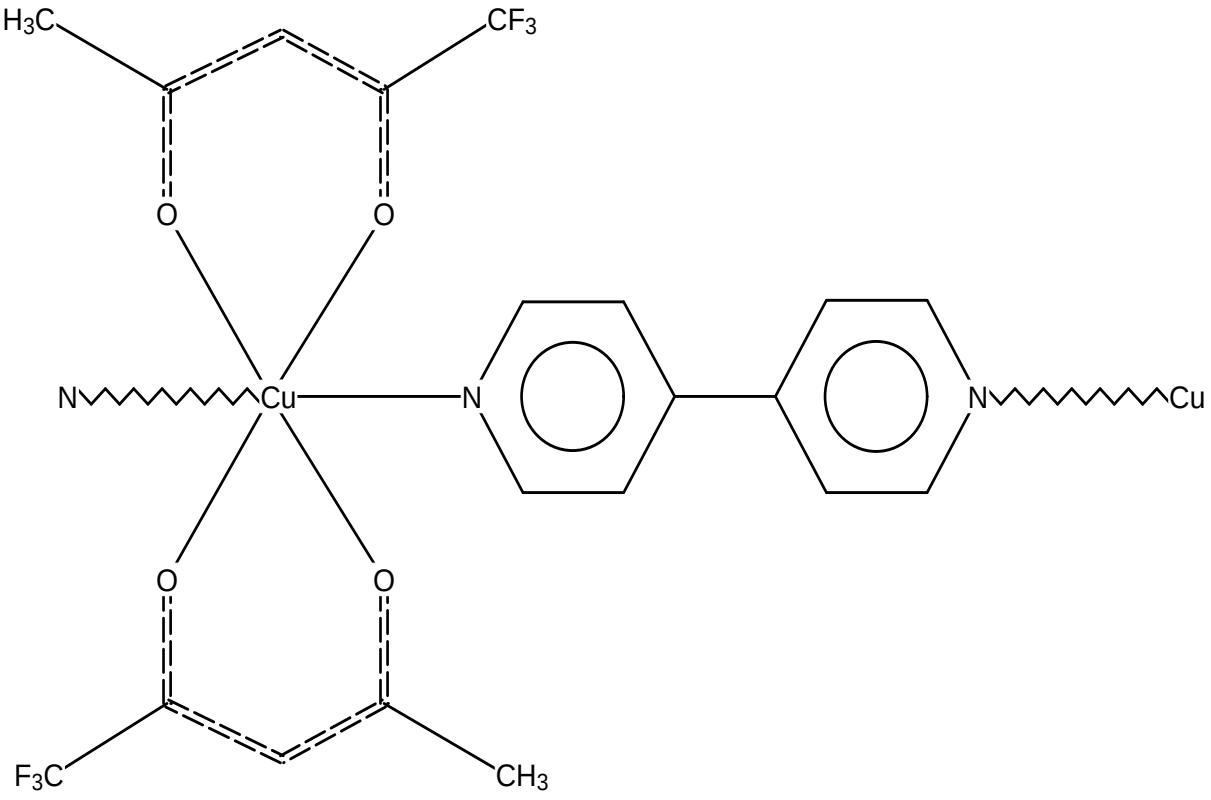
Reference: Kai-Be Yu, Shao-Hua Gou, Xiao-Zeng You, Zheng Xu
(1991) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***47,**2653

Formula: $(C_{20}\ H_{16}\ Cu_1\ F_6\ N_2\ O_4)n$

Compound Name: catena-(bis(1,1,1-Trifluoro-2,4-pentanedionato-O,O)-(μ_2-4,4'-bipyridine-N,N')-copper)

Space Group:	P42/m	***Cell:***	***a***	8.379(1)	***b***	8.379(1)	***c***	15.832(4)
Space Group No.:	84	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.571



Search: search1 (Thu May 26 10:05:42 2011): Hit 2584

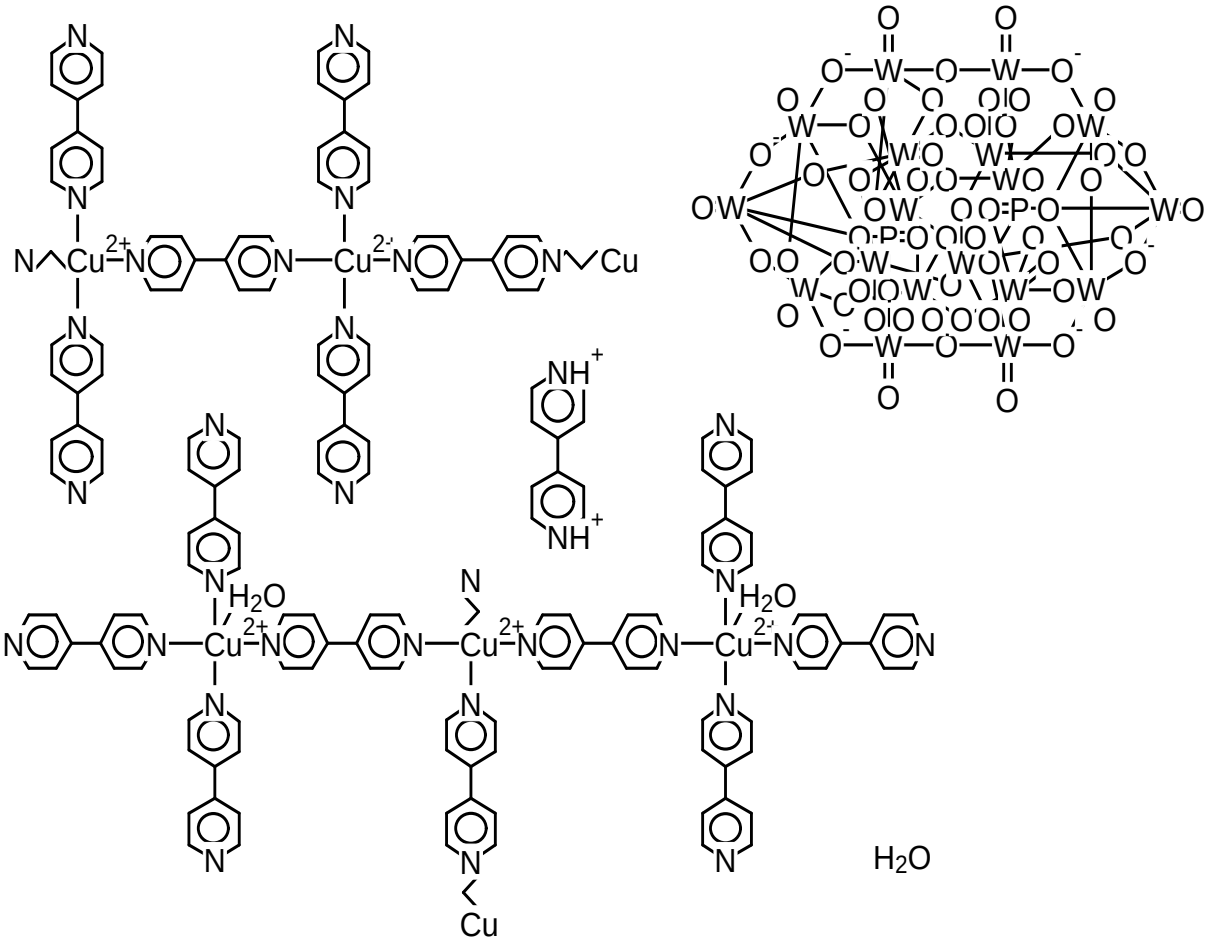
VOJQIV

Reference: Jun-Wei Zhao, Shou-Tian Zheng, Wei Liu, Guo-Yu Yang
(2008) *J.Solid State Chem. ,***181,**637

Formula: $(C_{90}\ H_{76}\ Cu_3\ N_{18}\ O_2\ ^{6+})n,0.5n(C_{60}\ H_{48}\ Cu_2\ N_{12}\ ^{4+}),2n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(O_{62}\ P_2\ W_{18}$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine)-hexakis(4,4'-bipyridine)-diaqua-tri-copper(ii) hemikis(bis(μ_2-4,4'-bipyridine)-tetrakis(4,4'-bipyridine)-di-copper(ii)) bis(4,4'-bipyridinium) bis(bis(μ_9-phosphato)-hexatricontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten(vi)) octahydrate)

Space Group:	Iba2	***Cell:***	***a***	22.277(8)	***b***	47.040(20)	***c*** 22.153(8)
Space Group No.:	45	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	6.27	***Temperature(K):***	293		***Density(g/cm^3):***		3.248



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2585

VOMSEW

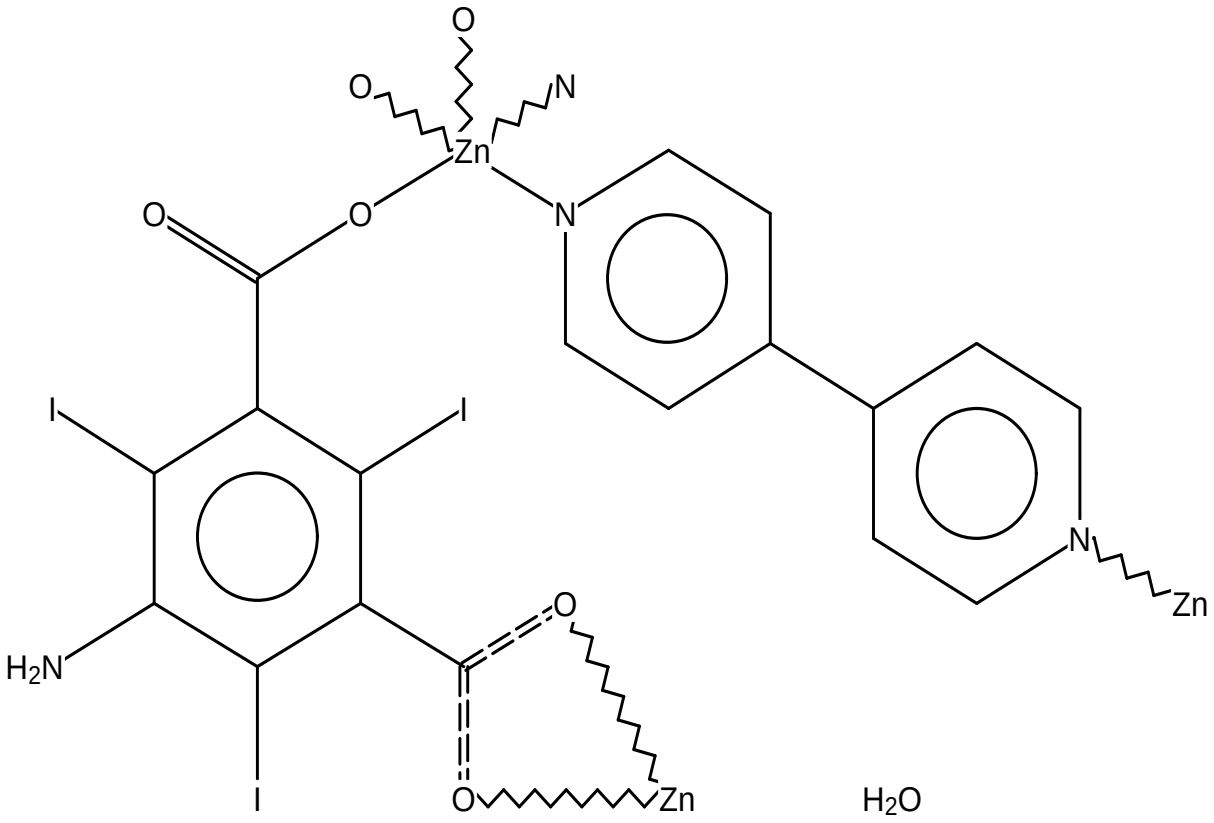
Reference: Fangna Dai, Haiyan He, Daofeng Sun (2008)
*J.Am.Chem.Soc. ,***130,**14064

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate)

Space Group:	P4/n	***Cell:***	***a***	24.439(0)	***b***	24.439(0)	***c***	9.575(0)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.71 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.934



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2586

VOMSEW01

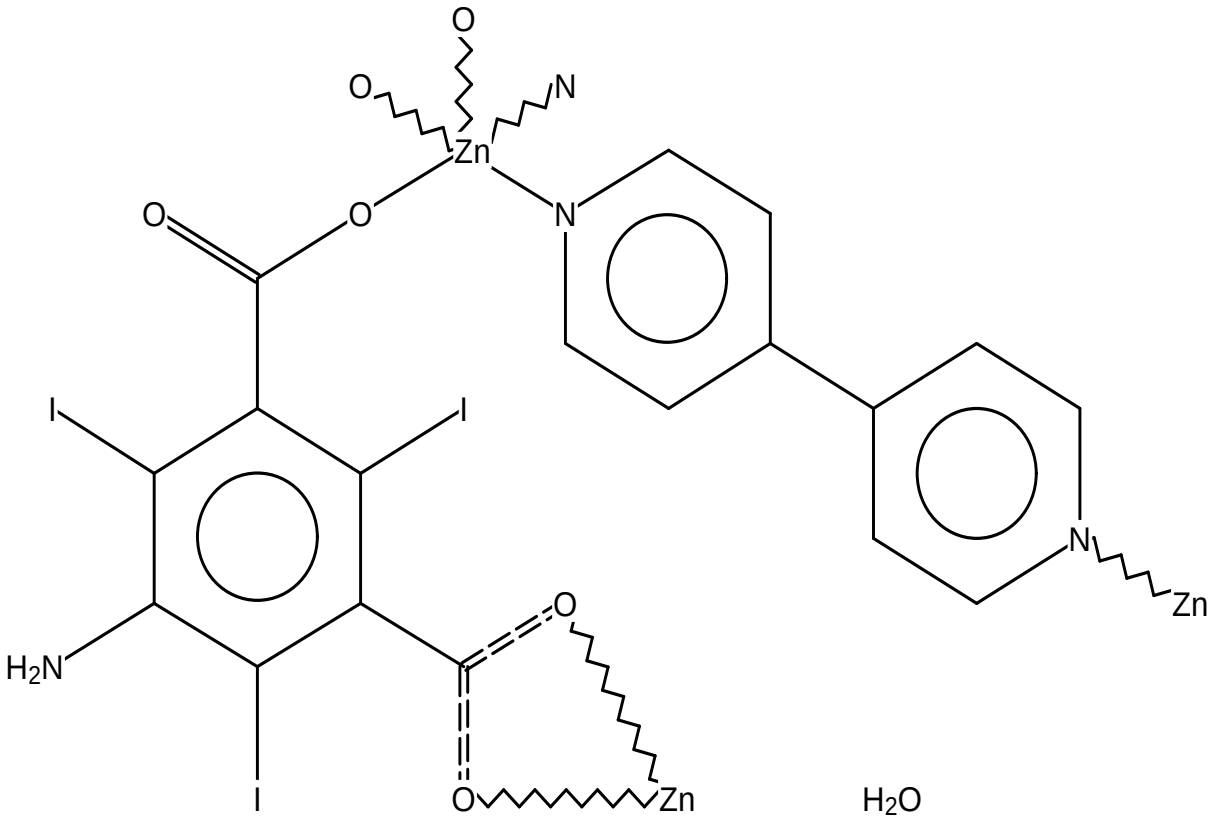
Reference: Fangna Dai, Haiyan He, Daofeng Sun (2008)
*J.Am.Chem.Soc. ,***130,**14064

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate clathrate)

Space Group:	P4/n	***Cell:***	***a***	24.303(0)	***b***	24.303(0)	***c*** 9.571(0)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 13.33 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.956



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2587

VOMSEW02

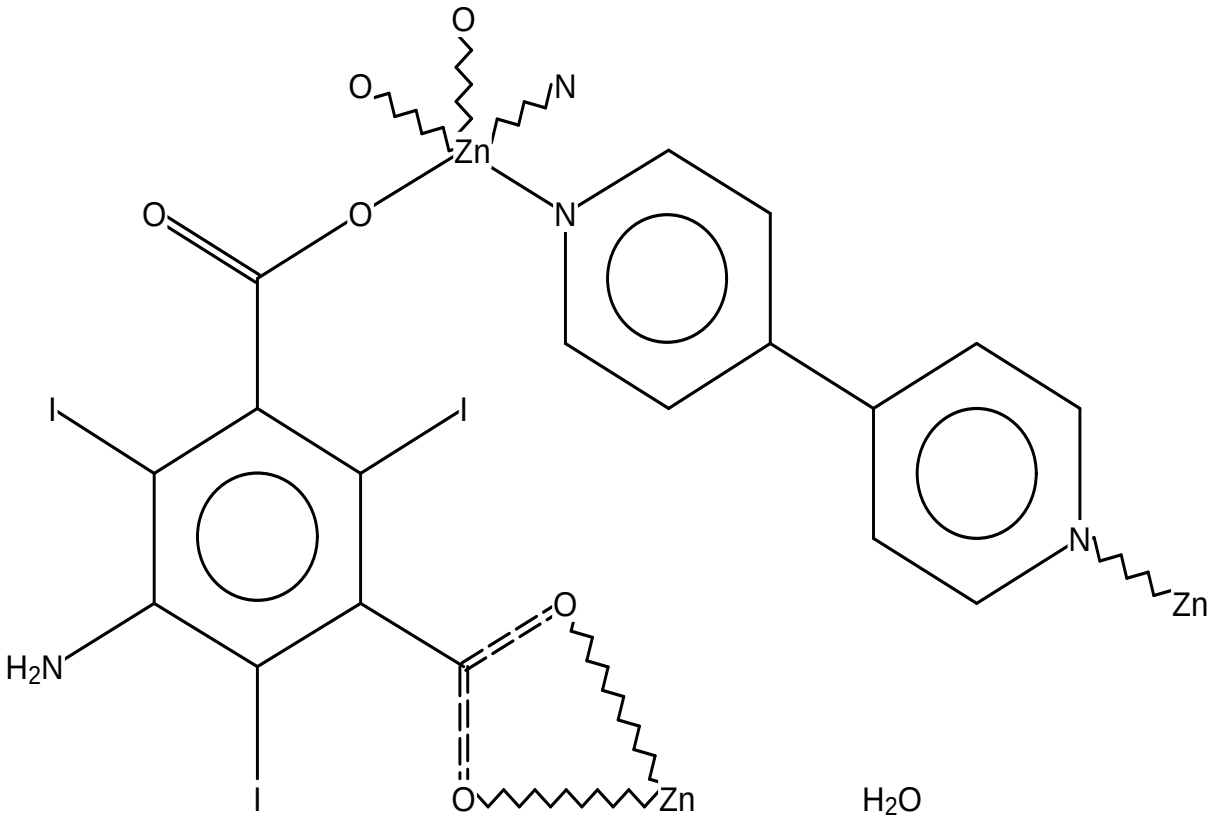
Reference: Fangna Dai, Haiyan He, Daofeng Sun (2008)
*J.Am.Chem.Soc. ,***130,**14064

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate clathrate)

Space Group:	P4/n	***Cell:***	***a*** 24.337(0)	***b*** 24.337(0)	***c*** 9.581(0)
Space Group No.:	85	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 8.01 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.949



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2588

VOMSEW03

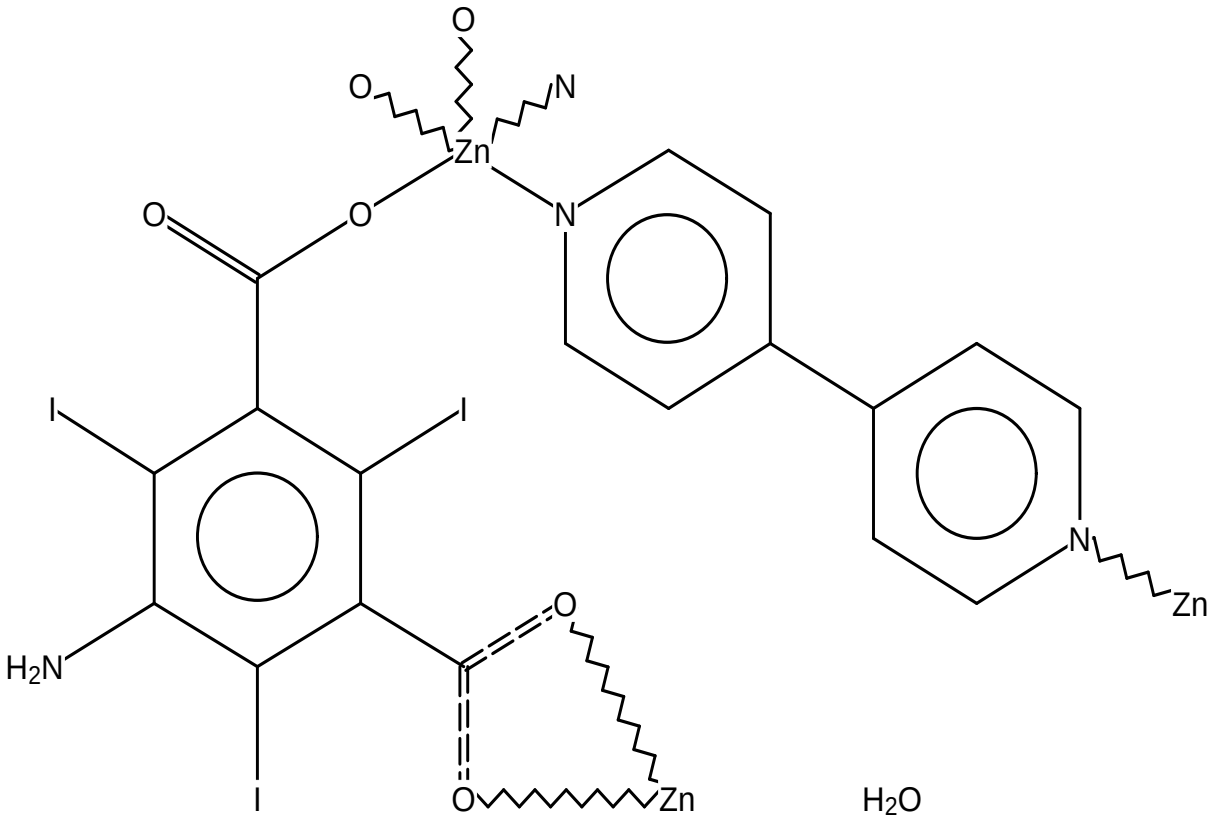
Reference: Fangna Dai, Haiyan He, Daofeng Sun (2008)
*J.Am.Chem.Soc. ,***130,**14064

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate clathrate)

Space Group:	P4/n	***Cell:***	***a***	24.345(0)	***b***	24.345(0)	***c***	9.580(0)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.03 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.948



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2589

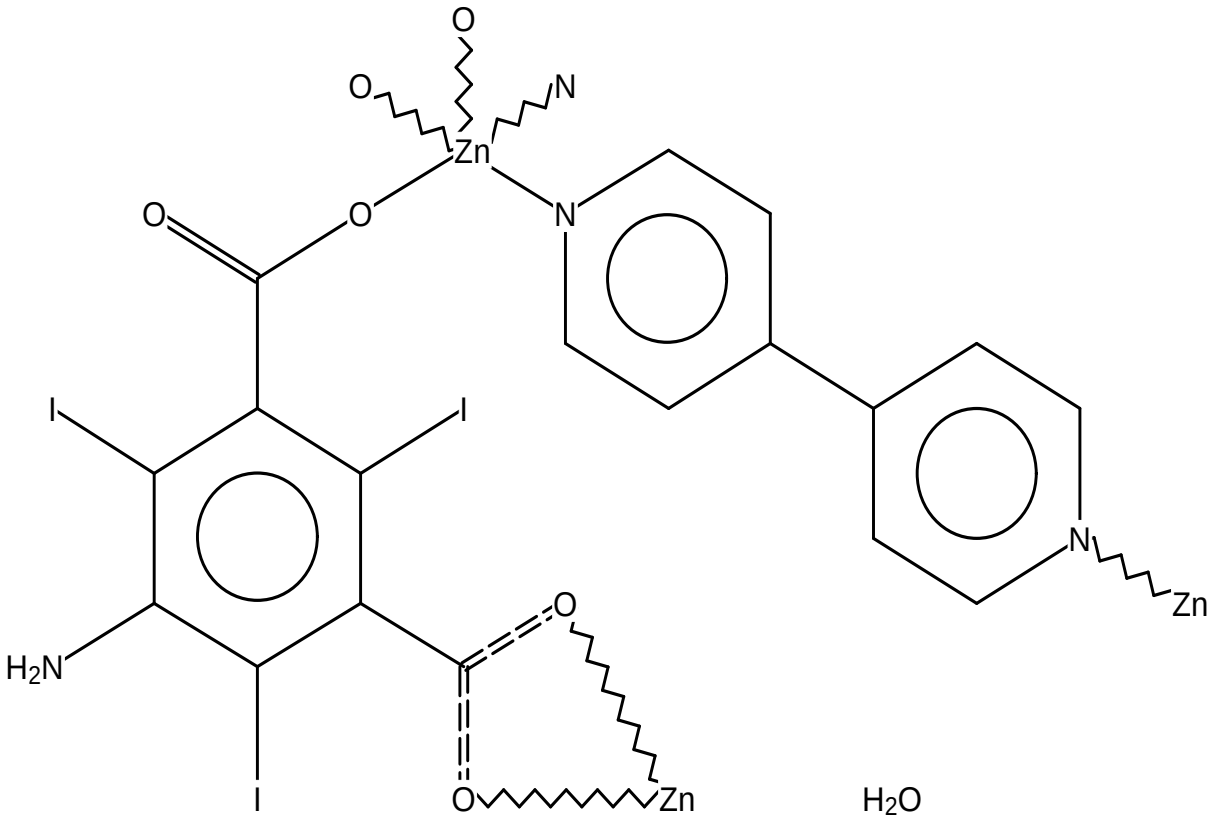
VOMSEW04

Reference: Fangna Dai, Haiyan He, Daofeng Sun (2008)
*J.Am.Chem.Soc. ,***130,**14064

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate clathrate)

Space Group:	P4/n	***Cell:***	***a***	24.317(0)	***b***	24.317(0)	***c*** 9.580(0)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	9.49	***Temperature(K):***	298		***Density(g/cm^3):***		1.952



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2590

VOMSEW05

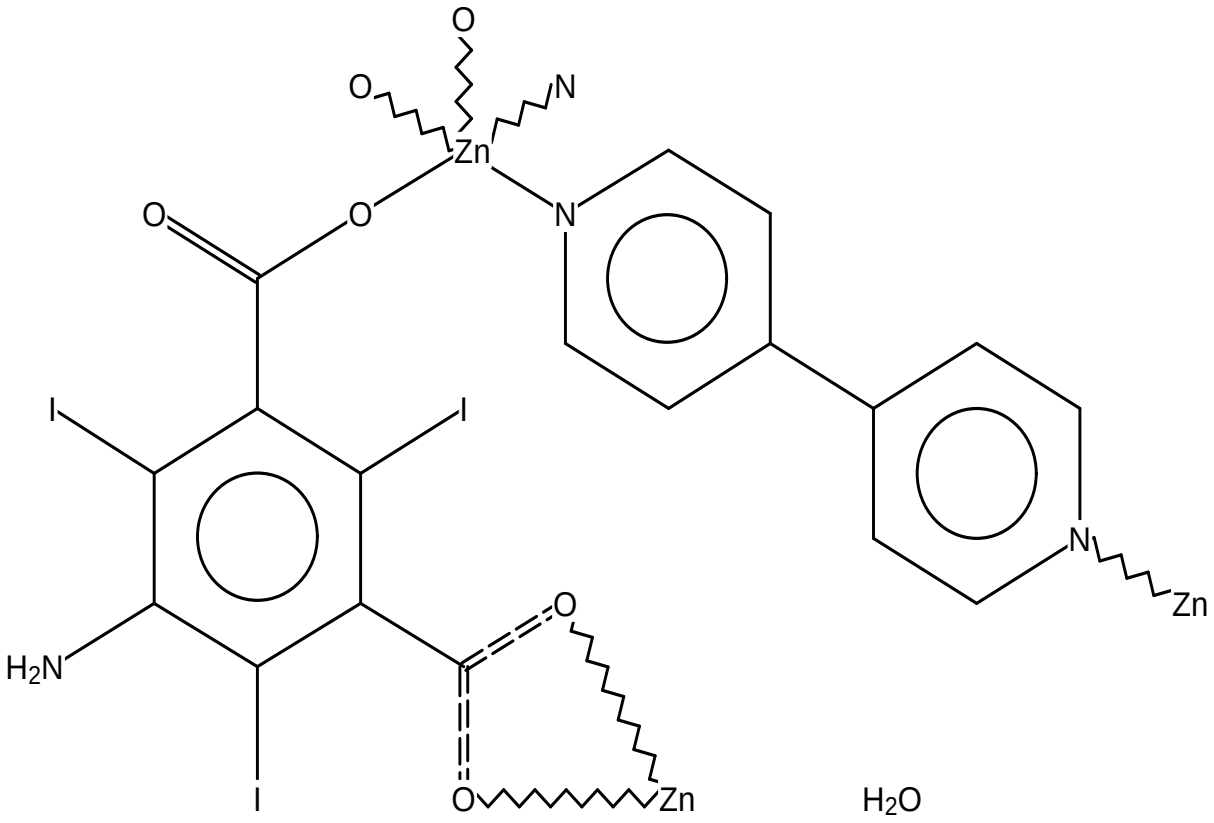
Reference: Fangna Dai, Haiyan He, Daofeng Sun (2009)
*J.Am.Chem.Soc. ,***48,**4613

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate)

Space Group:	P4/n	***Cell:***	***a***	24.439(0)	***b***	24.439(0)	***c*** 9.575(0)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.71 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.934



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2591

VOMSEW06

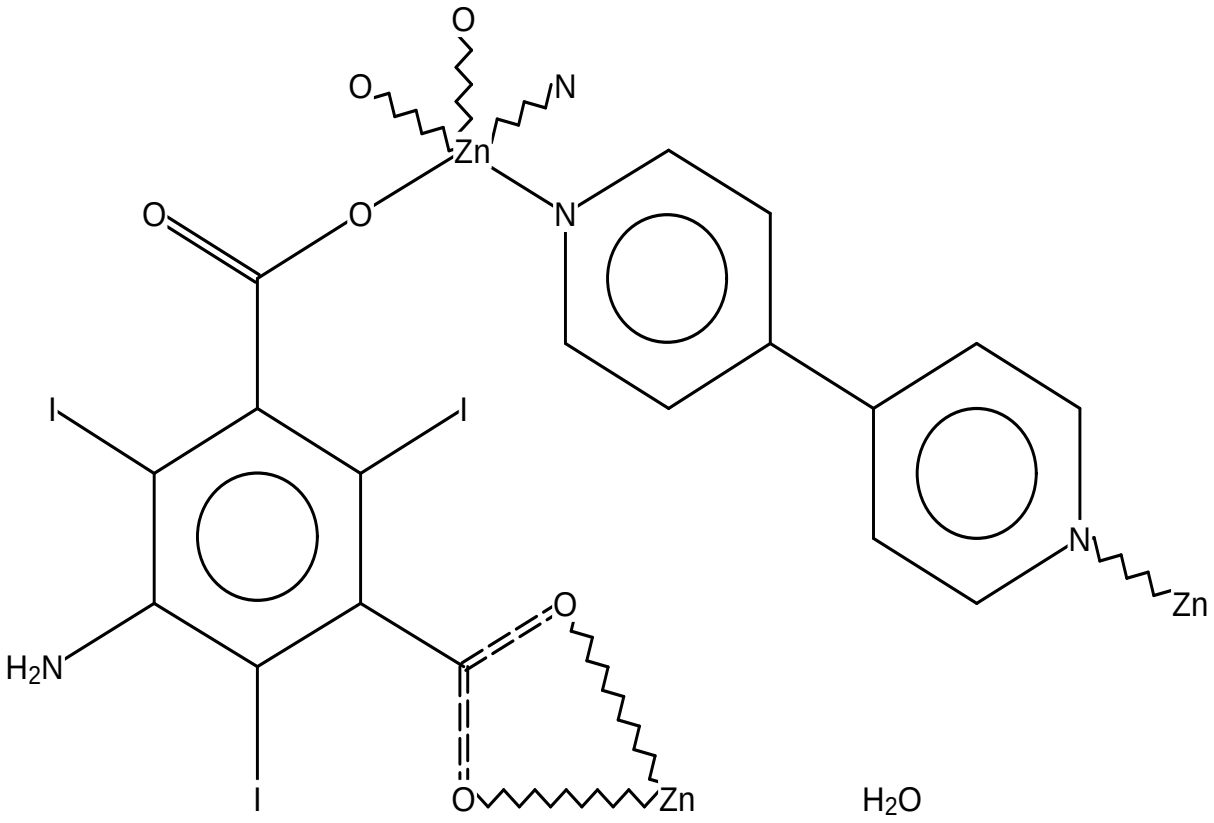
Reference: Fangna Dai, Haiyan He, Daofeng Sun (2009)
*J.Am.Chem.Soc. ,***48,**4613

Formula: $(C_{18}\ H_{10}\ I_3\ N_3\ O_4\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-5-amino-2,4,6-tri-iodoisophthalato-O,O',O'')-zinc trihydrate)

Space Group:	I41/a	***Cell:***	***a***	34.371(1)	***b***	34.371(1)	***c***	9.546(0)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.82 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.961



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2592

VONXUS

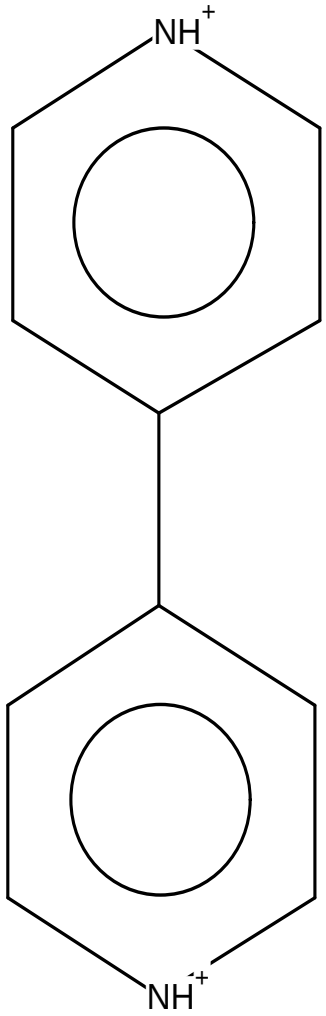
Reference: Yi Luan, Ge Wang, R.L.Luck, Yingnan Wang, Han Xiao, Hangjun Ding (2008) *Chem.Lett. ,***37,**1144

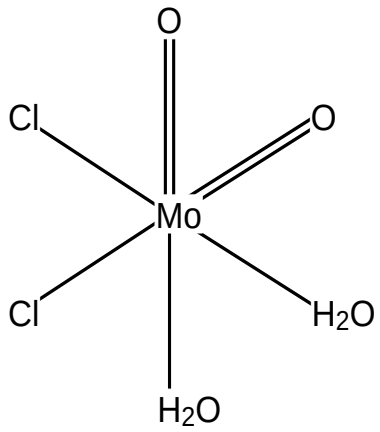
Formula: $2(H_4\ Cl_2\ Mo_1\ O_4),C_{10}\ H_{10}\ N_2\ ^{2+},2(Cl_1\ ^{1-})$

Compound Name: bis(Diaqua-dichloro-dioxo-molybdenum) 4,4'-bipyridinium dichloride

Space Group:	P-1	***Cell:***	***a***	7.952(1)	***b***	8.512(1)	***c*** 9.157(1)
Space Group No.:	2	***(Å,°)***	α	96.20(3)	β	96.29(3)	γ 108.77(3)

R-Factor (%): 2.40 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 2.013





Cl^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2593

VONYAZ

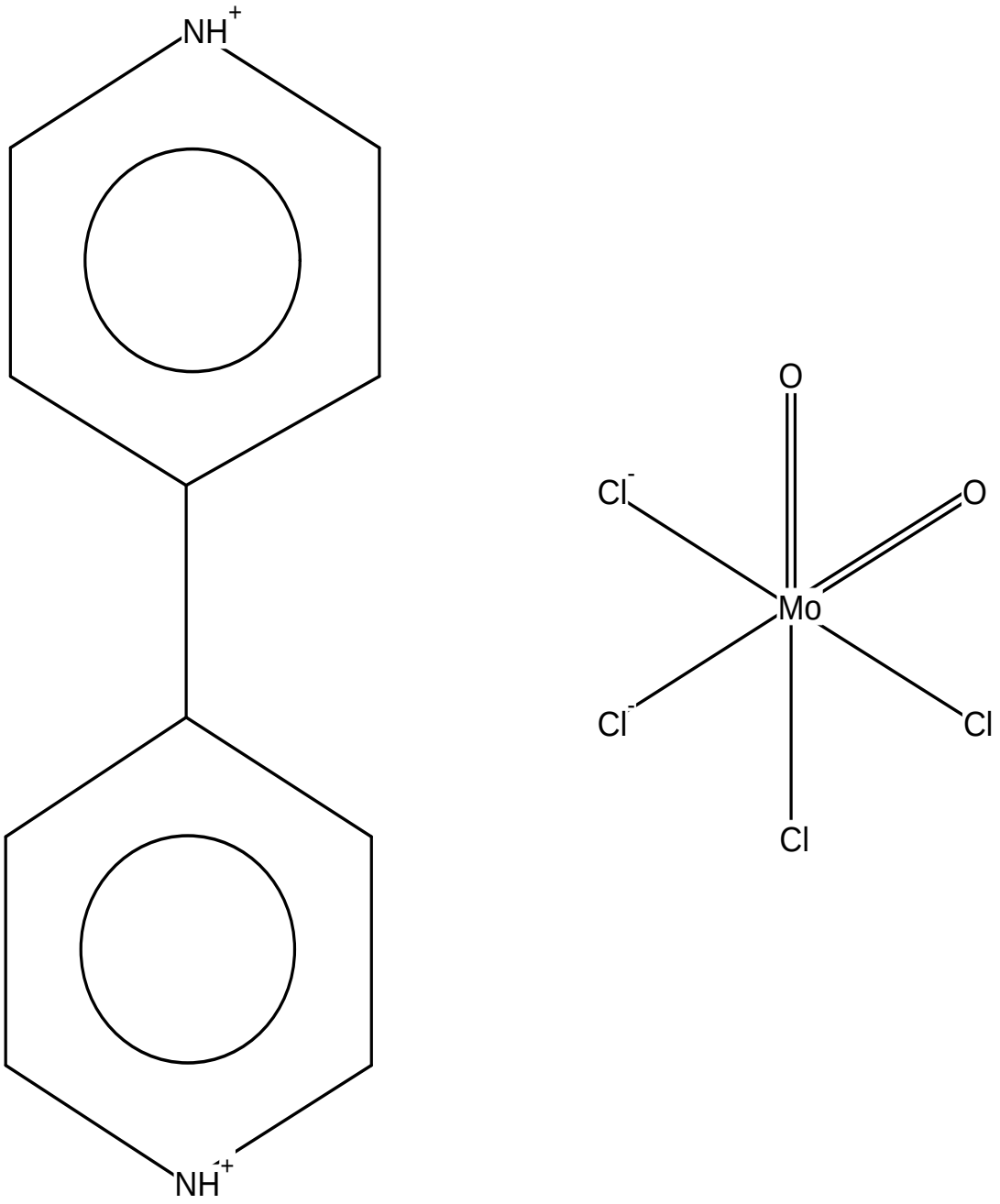
Reference: Yi Luan, Ge Wang, R.L.Luck, Yingnan Wang, Han Xiao, Hangjun Ding (2008) *Chem.Lett. ,***37,**1144

Formula: $C_{10}\,H_{10}\,N_2^{\,2+},Cl_4\,Mo_1\,O_2^{\,2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-dioxo-molybdenum

Space Group:	C2/c	***Cell:***	***a***	14.768(3)	***b***	10.140(2)	***c***	9.626(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.01(3)	γ	90.00

R-Factor (%): 2.21 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.997



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2594

VOQBUZ

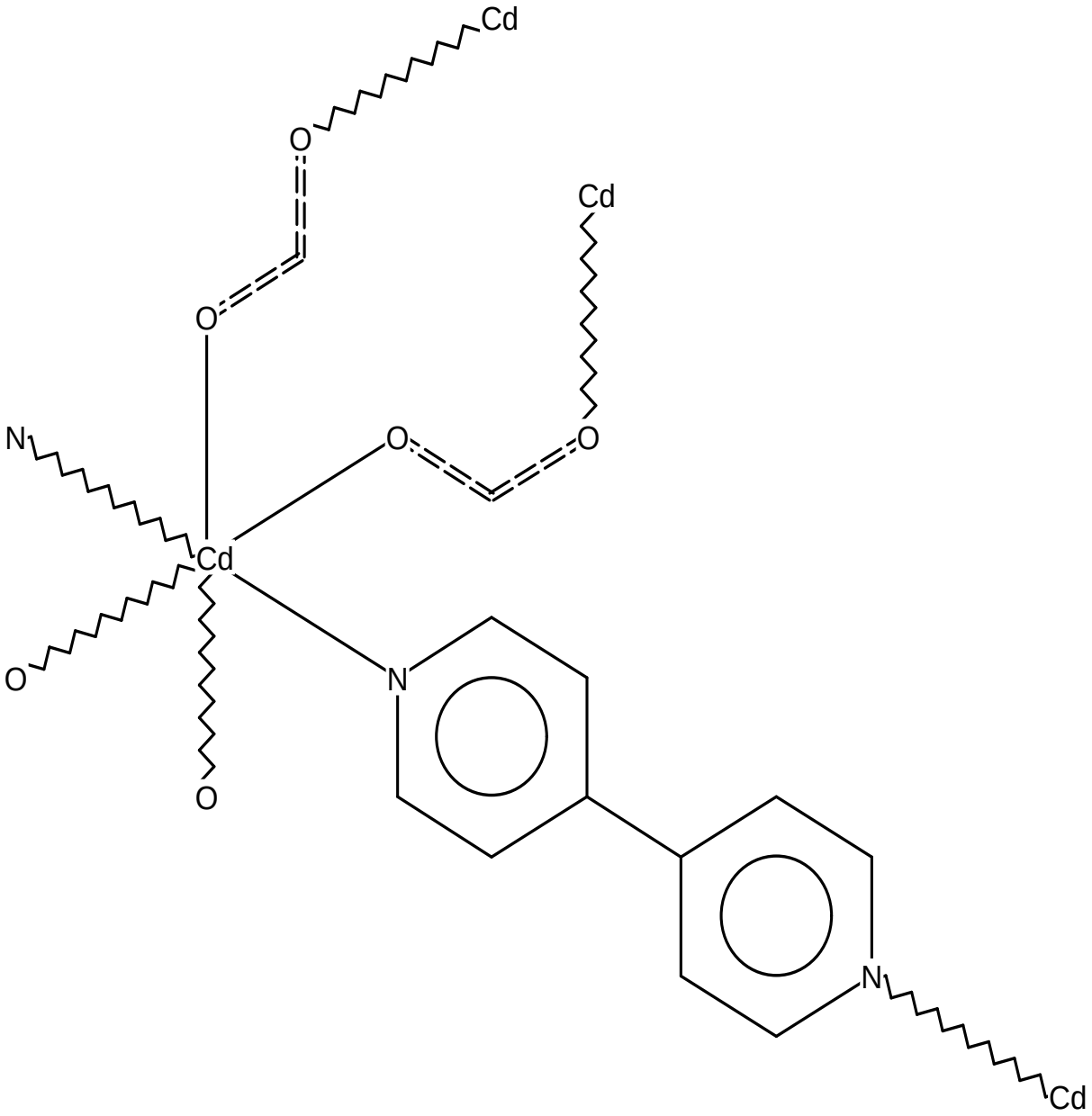
Reference: Li Zhao, Jian-Li Lin, Wei Xu, Hong-Zhen Xie (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m433

Formula: $(C_{12}\ H_{10}\ Cd_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(μ_2-formato)-cadmium(ii))

Space Group:	I4122	***Cell:***	***a***	8.227(1)	***b***	8.227(1)	***c***	18.103(4)
Space Group No.:	98	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 1.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.944



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2595

VOQFEN

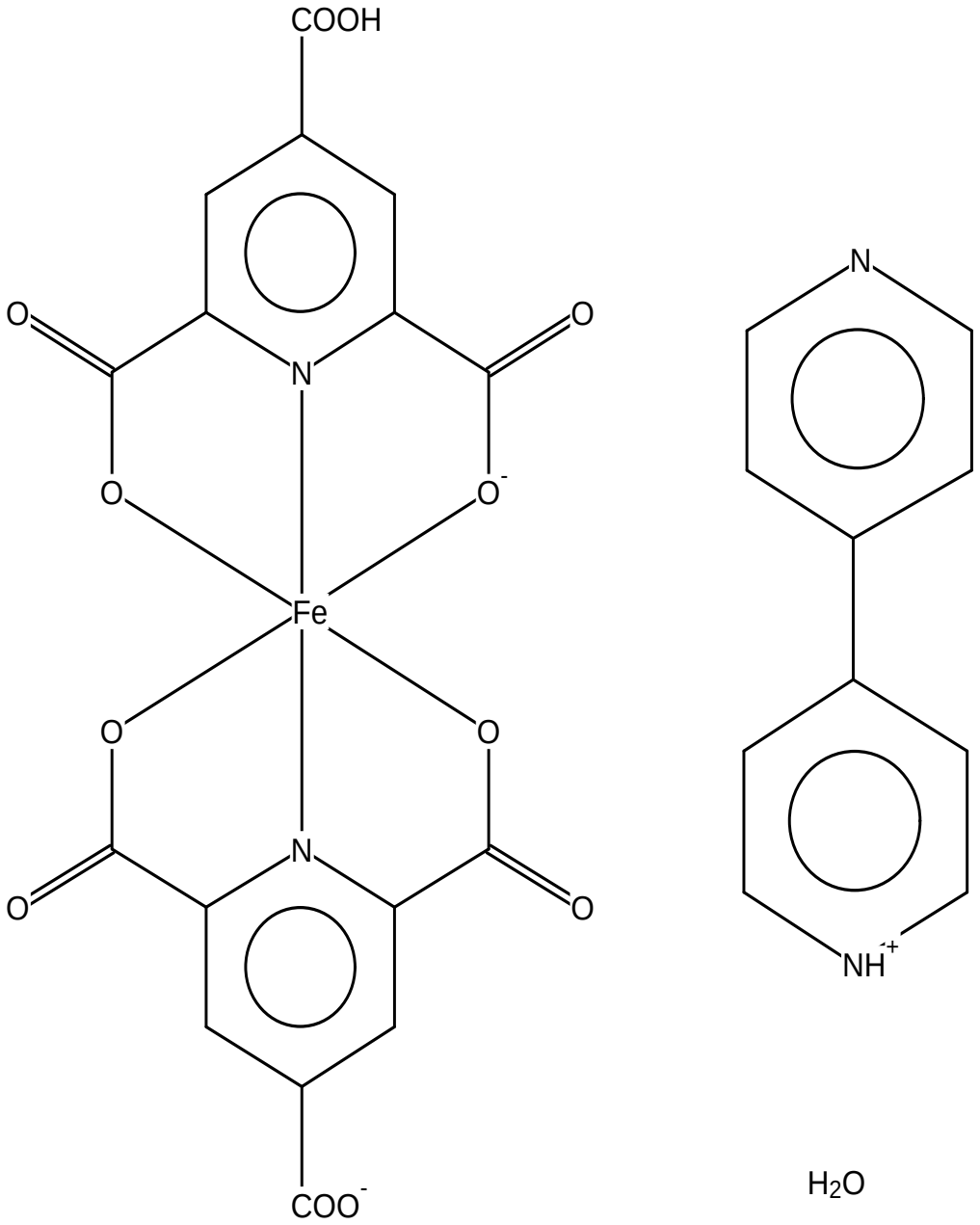
Reference: Li Zhao, You-Ren Dong, Hong-Zhen Xie (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m450

Formula: $2(C_{10}\,H_9\,N_2^{\,1+}),C_{16}\,H_5\,Fe_1\,N_2\,O_{12}^{\,2-},3(H_2\,O_1)$

Compound Name: bis(4-(4-pyridyl)pyridinium) (4-carboxypyridine-2,6-dicarboxylato-N,O,O')-(pyridine-2,4,6-tricarboxylato-N,O,O')-iron(iii) trihydrate

Space Group:	P-1	***Cell:***	***a***	10.568(2)	***b***	12.386(3)	***c***	14.344(3)
Space Group No.:	2	***(Å,°)***	α	77.13(3)	β	79.82(3)	γ	76.15(3)

R-Factor (%): 5.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.586



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2596

VUDQUH

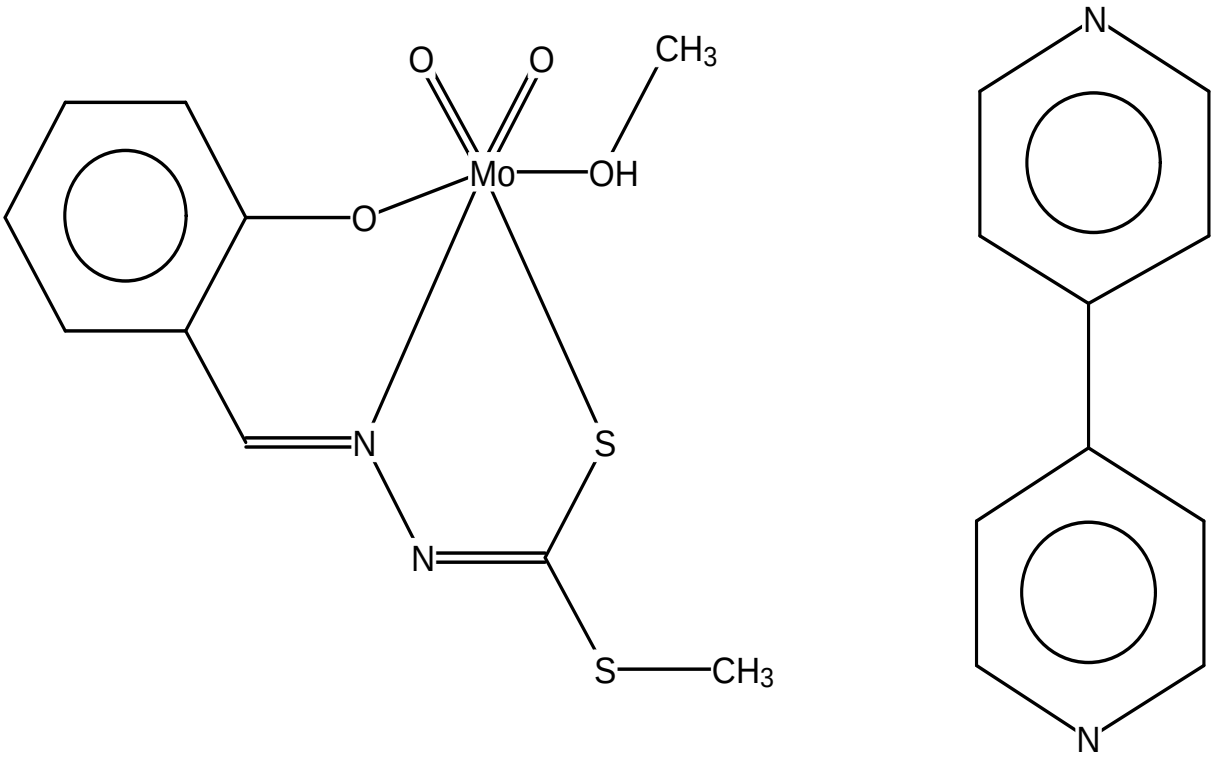
Reference: Haesung Kim, Woo Taik Lim, Bon Kweon Koo (2008)
J.Korean Chem.Soc. ,**52,**439

Formula: $C_{10}\,H_{12}\,Mo_1\,N_2\,O_4\,S_2$,$C_{10}\,H_8\,N_2$

Compound Name: cis-Dioxo-(salicylaldehyde S-methylthiosemicarbazonato-N,O,S)-methanol-molybdenum(vi) 4,4-bipyridine solvate

Space Group:	P21/n	***Cell:***	***a***	6.989(1)	***b*** 17.473(4)	***c***	14.622(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.28(3)	γ	90.00

R-Factor (%): 3.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.043



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2597

VUFSAR

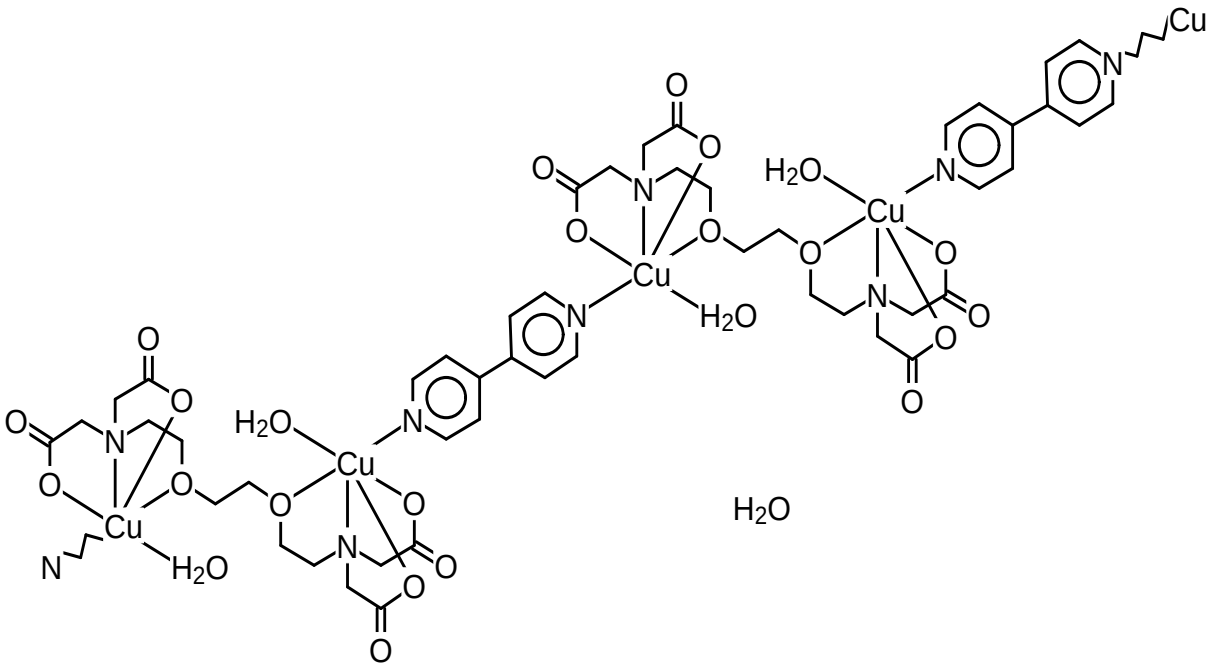
Reference: Ya-Pan Wu, Yao-Yu Wang, Cui-Juan Wang, Dong-Sheng Li, Chun-Yan Guo, Gui-Lin Wen, Qi-Zhen Shi (2008) *Chin.J.Chem. ,***26,**1233

Formula: $(C_{48}\ H_{64}\ Cu_4\ N_8\ O_{24})n,10n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-3,12-bis(Carboxylatomethyl)-6,9-dioxa-3,12-diazatetradecanedioato)-bis(μ_2-4,4'-bipyridine)-tetra-aqua-tetra-copper(ii) decahydrate)

Space Group:	P21/c	***Cell:***	***a***	17.691(0)	***b*** 9.752(0)	***c***	19.993(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.80(0)	γ	90.00

R-Factor (%): 3.64 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.598


Cu
N
O
H2O
Cu
N
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2598

VUFTOG

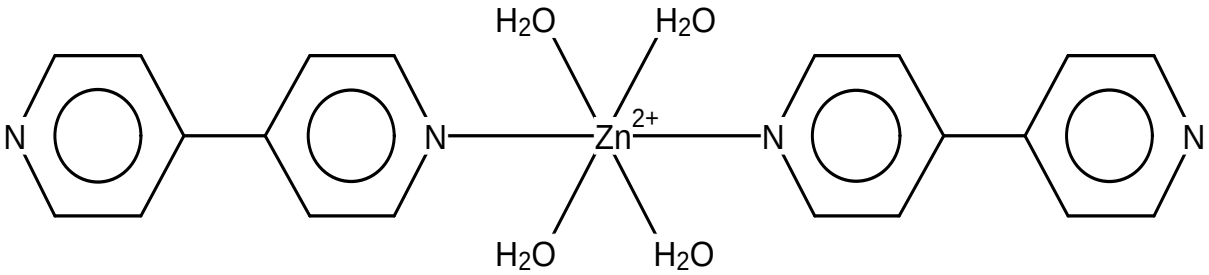
Reference: Min-Le Han, Li-Wei Mi, Wei-Hua Chen (2008)
*Cryst.Res.Technol. ,***43,**882

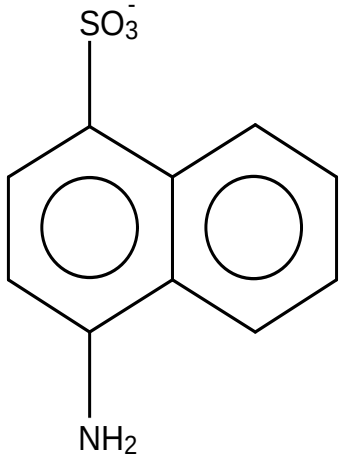
Formula: $C_{20}\ H_{24}\ N_4\ O_4\ Zn_1\ ^{2+}$,$C_{10}\ H_8\ N_1\ O_3\ S_1\ ^{1-}$,$N_1\ O_3\ ^{1-}$

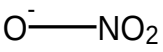
Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-zinc(ii) nitrate 4-aminonaphthalene-1-sulfonate

Space Group:	Pc	***Cell:***	***a***	9.310(0)	***b***	12.272(1)	***c*** 13.893(1)
Space Group No.:	7	***(Å,°)***	α	90.00	β	94.69(0)	γ 90.00

R-Factor (%): 3.09 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.541







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2599

VUFTUM

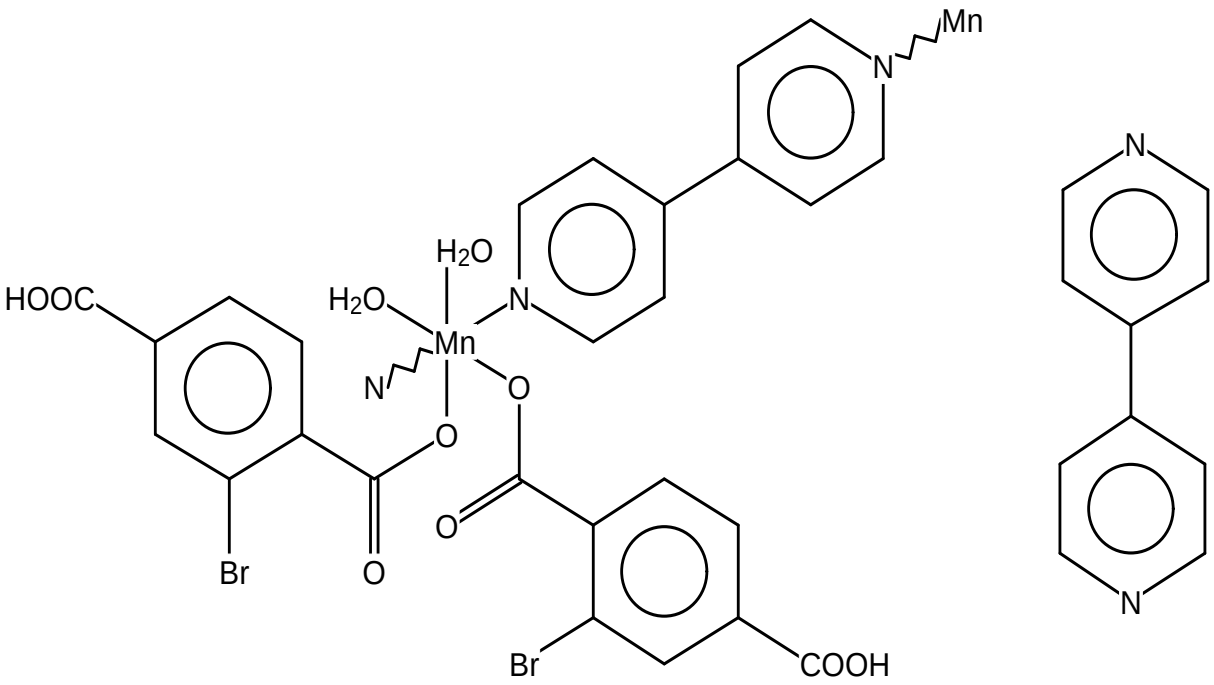
Reference: Shengwen Wang (2008) *Cryst.Res.Technol.* ,**43,**894

Formula: $(C_{26}\ H_{20}\ Br_2\ Mn_1\ N_2\ O_{10})n,2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(hydrogen 2-bromo-1,4-benzenedicarboxylato-O)-manganese(ii) bis(4,4'-bipyridine))

Space Group:	C2/c	***Cell:***	***a***	16.536(3)	***b*** 11.727(2)	***c***	23.537(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.20(0)	γ	90.00

R-Factor (%): 3.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.587



Search: search1 (Thu May 26 10:05:42 2011): Hit 2600

VUKFEN

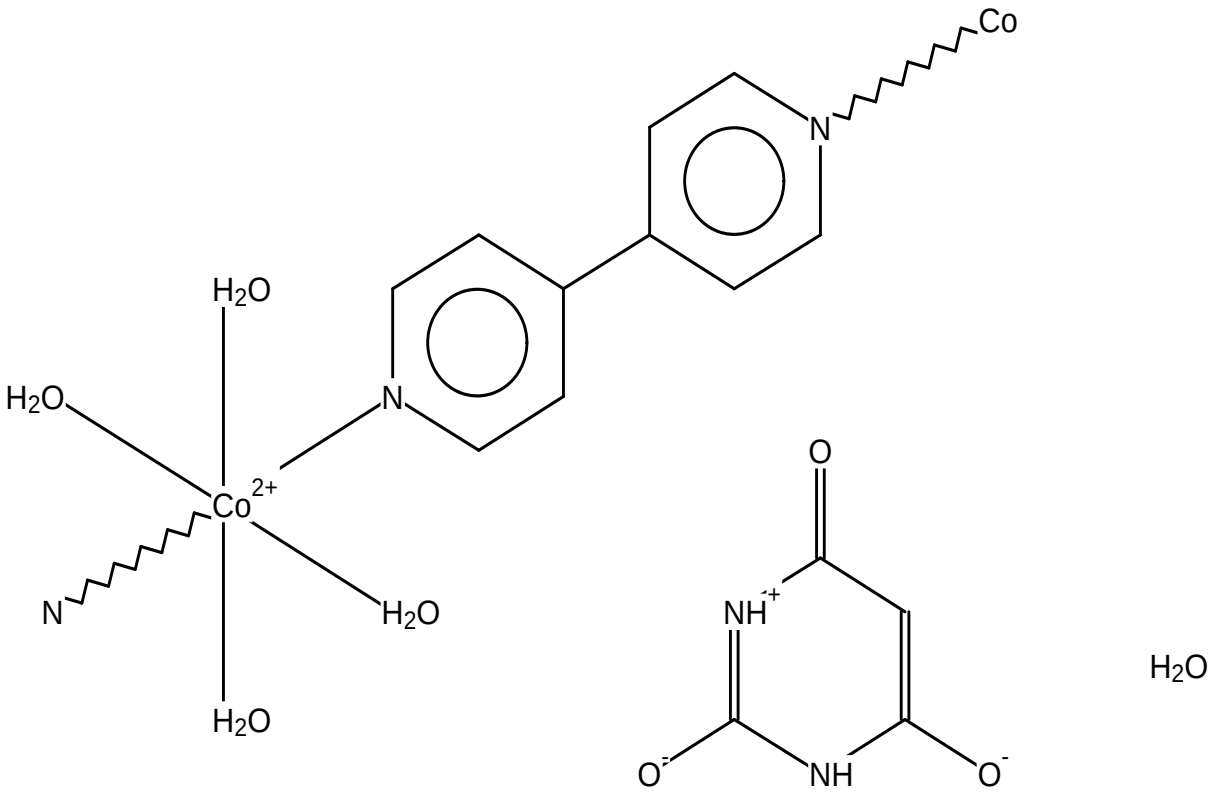
Reference: H.C.Garcia, R.Diniz, M.I.Yoshida, L.F.C.de Oliveira (2009) *CrystEngComm* ,**11,**881

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(C_4\ H_3\ N_2\ O_3\ ^{1-}),6n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) bis(barbiturate) hexahydrate]

Space Group:	P6422	***Cell:***	***a***	11.641(1)	***b***	11.641(1)	***c*** 18.756(2)
Space Group No.:	181	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 3.26 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.470



Search: search1 (Thu May 26 10:05:42 2011): Hit 2601

VUKFIR

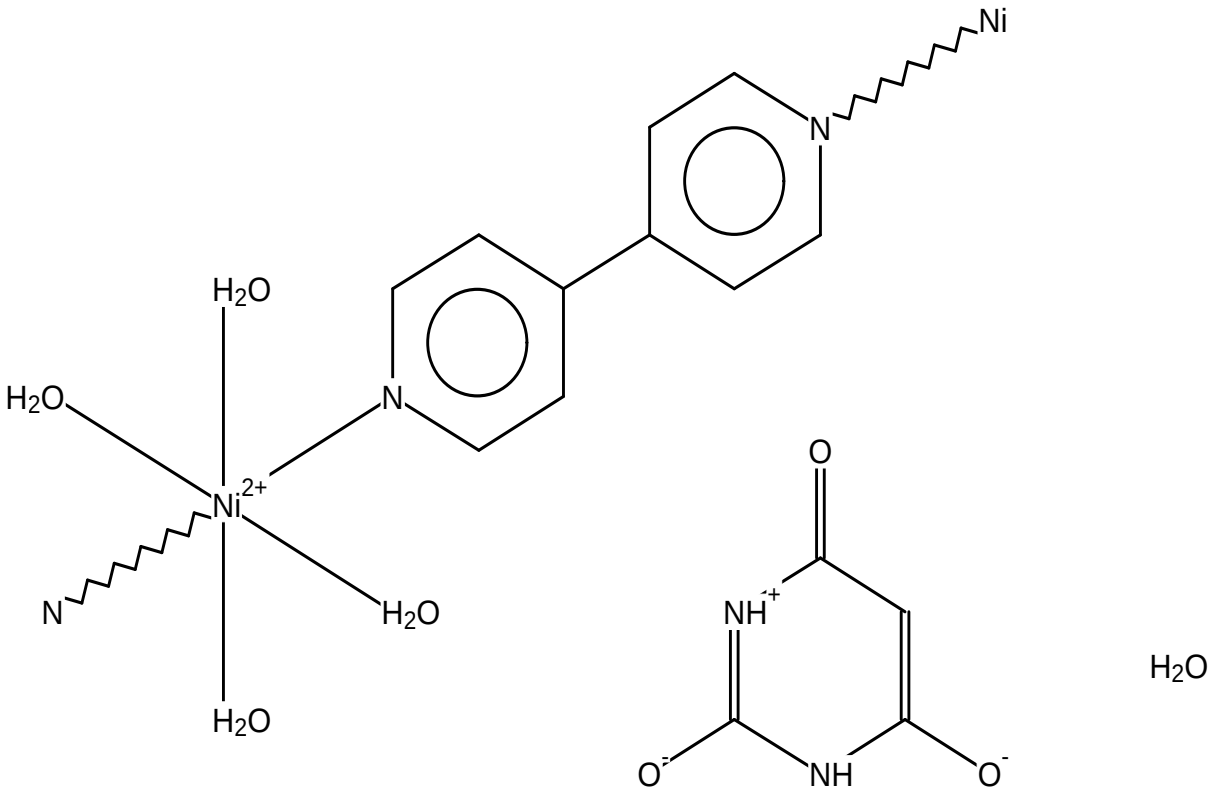
Reference: H.C.Garcia, R.Diniz, M.I.Yoshida, L.F.C.de Oliveira (2009) *CrystEngComm* ,**11,**881

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,2n(C_4\ H_3\ N_2\ O_3\ ^{1-}),6n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-nickel(ii) bis(barbiturate) hexahydrate]

Space Group:	P6522	***Cell:***	***a***	11.453(2)	***b***	11.453(2)	***c*** 36.912(4)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.12 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.543



Search: search1 (Thu May 26 10:05:42 2011): Hit 2602

VUKFOX

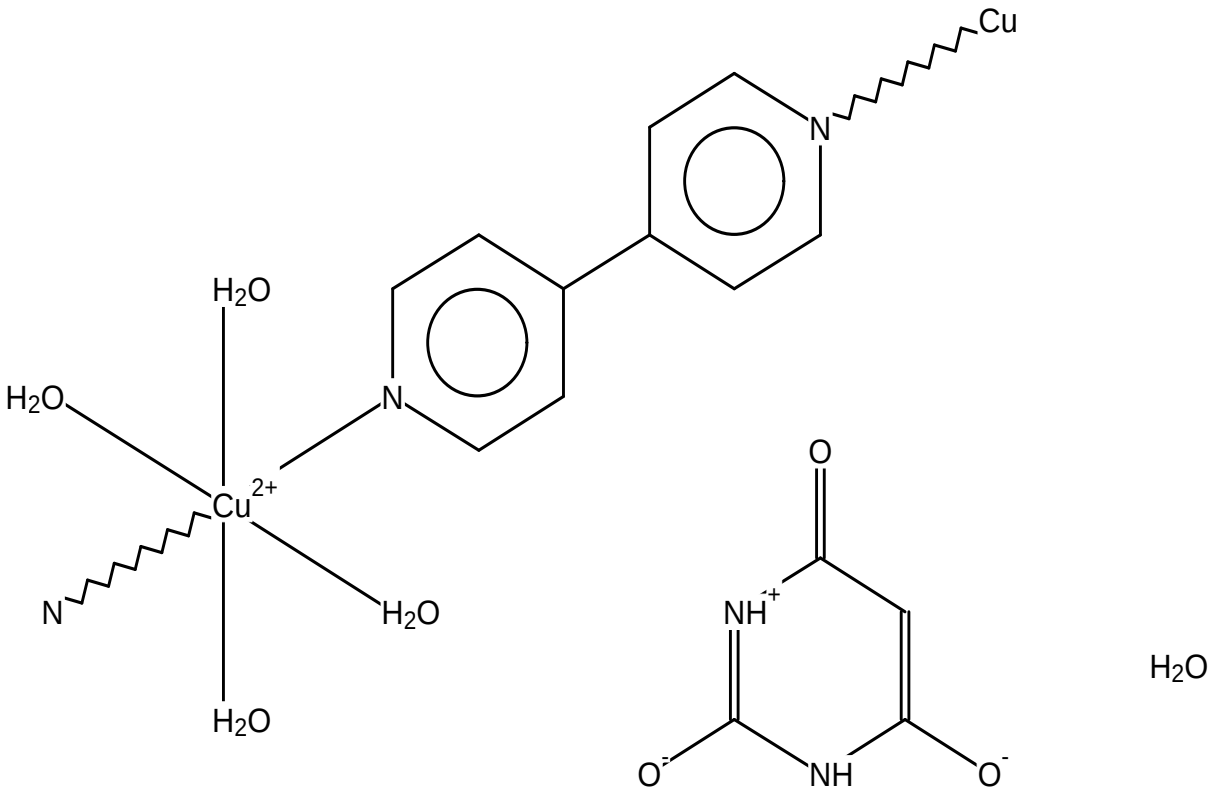
Reference: H.C.Garcia, R.Diniz, M.I.Yoshida, L.F.C.de Oliveira (2009) *CrystEngComm* ,**11,**881

Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{2+})n,2n(C_4\ H_3\ N_2\ O_3\ ^{1-}),6n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-copper(ii) bis(barbiturate) hexahydrate]

Space Group:	P6522	***Cell:***	***a***	11.467(2)	***b***	11.467(2)	***c*** 36.974(3)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.32 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.548



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2603

VULKOD

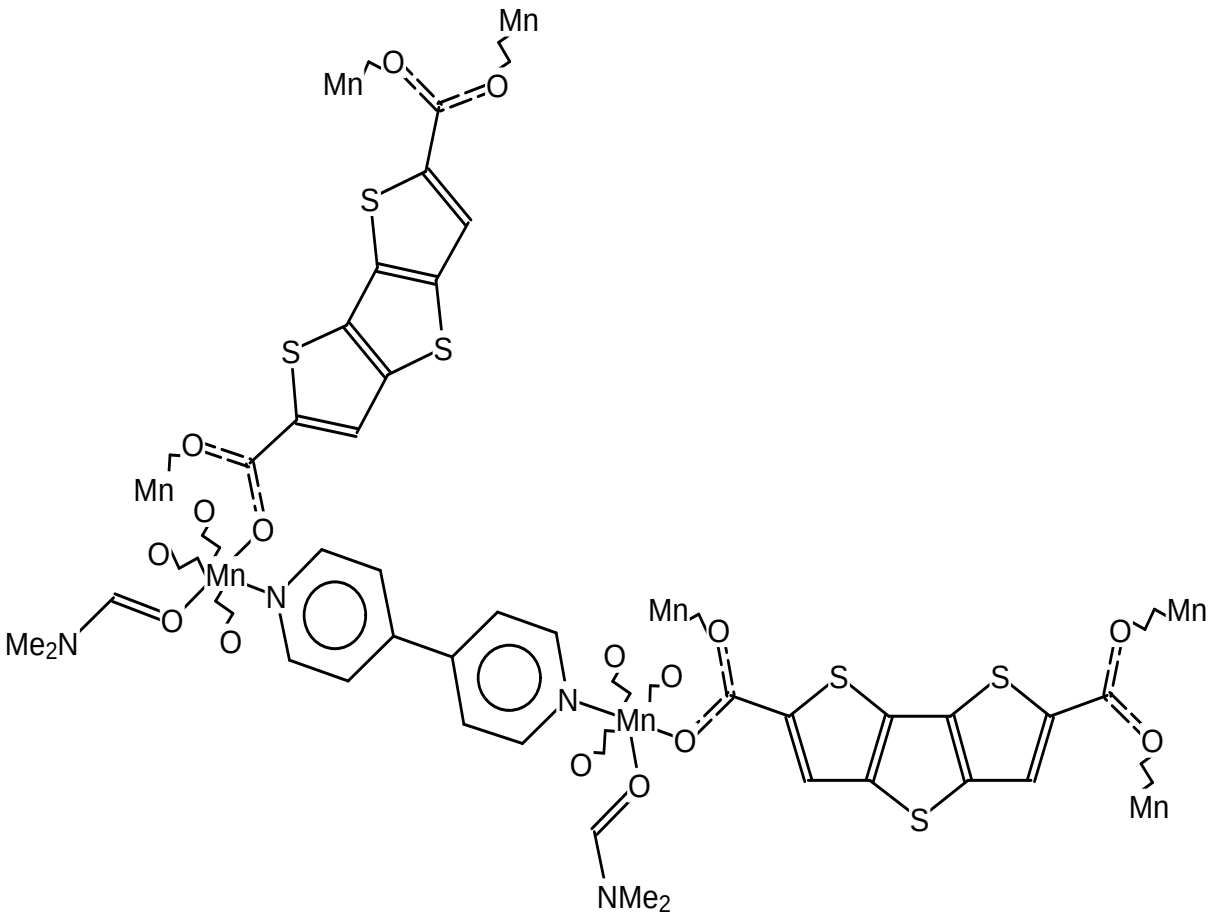
Reference: Sujing Wang, Shunshun Xiong, Lexin Song, Zhiyong Wang (2009) *CrystEngComm* ,**11,**896

Formula: $(C_{36}\ H_{26}\ Mn_2\ N_4\ O_{10}\ S_6)n$

Compound Name: catena-(bis(μ_4-bisthieno[3,2-b:2',3'-d]thiophene-2,6-dicarboxylato)-(μ_2-4,4'-bipyridyl)-bis(N,N-dimethylformamide)-di-manganese(ii))

Space Group:	Pbca	***Cell:***	***a***	20.149(0)	***b***	7.655(0)	***c*** 25.641(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.641



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2604

VULLUK

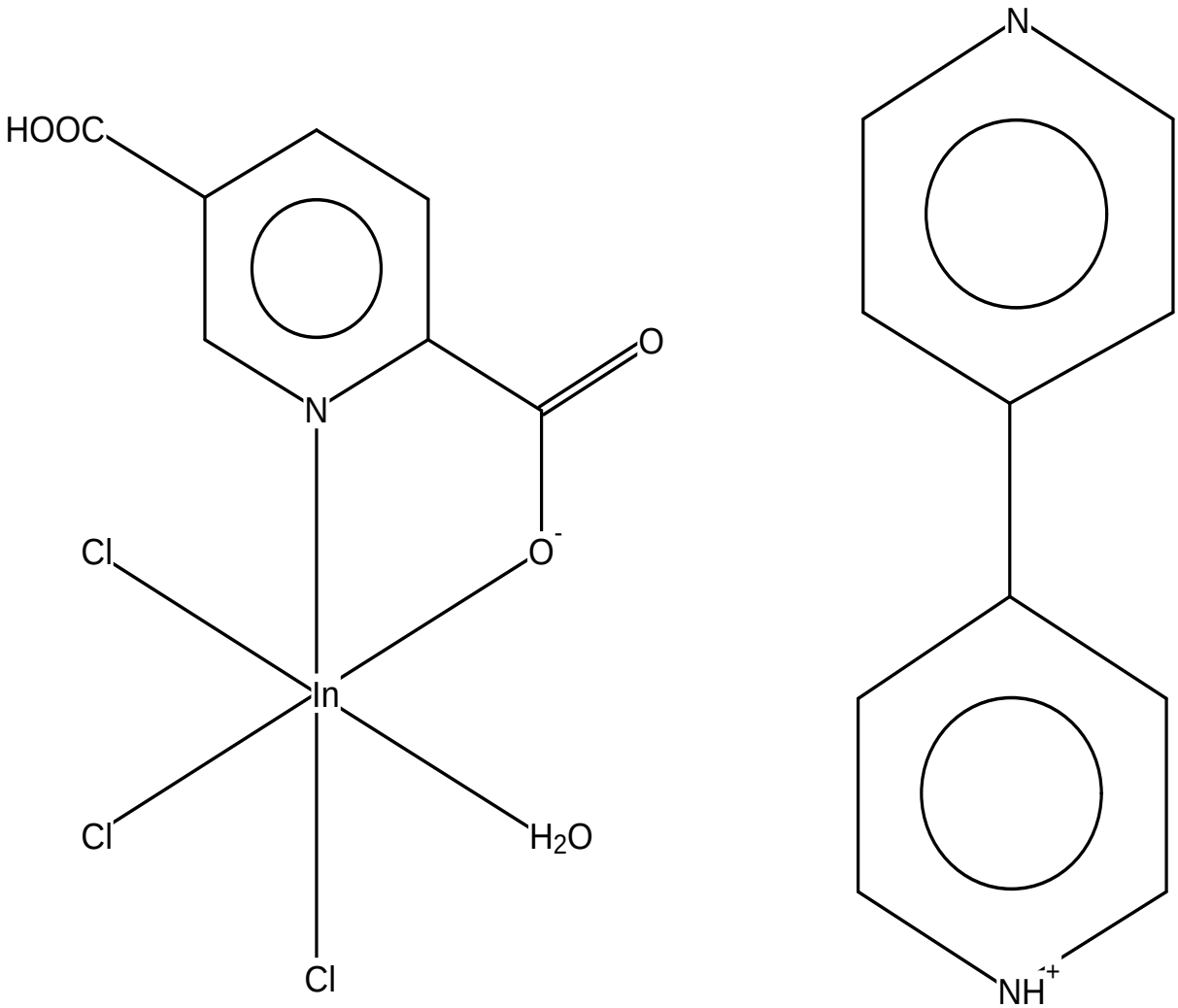
Reference: Qiang Gao, Fei-Long Jiang, Ming-Yan Wu, You-Gui Huang, Da-Qing Yuan, Wei Wei, Mao-Chun Hong (2009) *CrystEngComm* ,**11,**918

Formula: $C_7\ H_6\ Cl_3\ In_1\ N_1\ O_5\ ^{1-}$,$C_{10}\ H_9\ N_2\ ^{1+}$,2($H_2\ O_1$)

Compound Name: 4,4'-bipyridinium aqua-trichloro-(5-carboxypyridine-2-carboxylato)-indium(iii) dihydrate

Space Group:	P21/c	***Cell:***	***a***	15.732(4)	***b*** 10.328(3)	***c***	15.061(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 116.49(0)	γ	90.00

R-Factor (%): 2.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.815



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2605

VULMAR

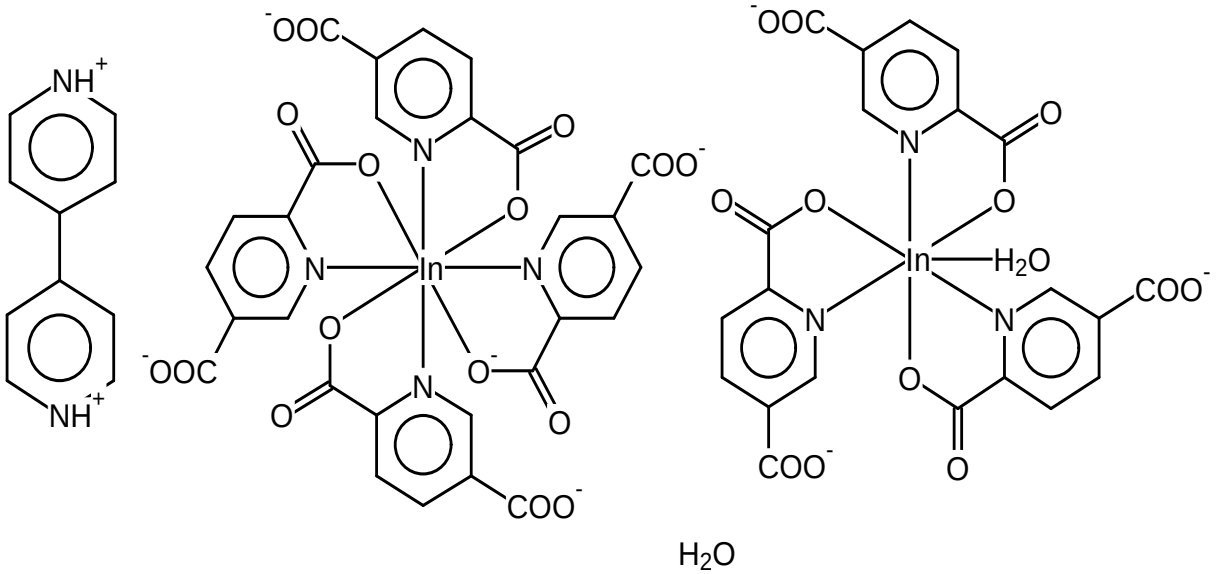
Reference: Qiang Gao, Fei-Long Jiang, Ming-Yan Wu, You-Gui Huang, Da-Qing Yuan, Wei Wei, Mao-Chun Hong (2009) *CrystEngComm ,***11,**918

Formula: $4(C_{10}H_{10}N_2^{2+}),C_{28}H_{12}In_1N_4O_{16}^{5-},C_{21}H_{11}In_1N_3O_{13}^{3-},7(H_2O_1)$

Compound Name: tetrakis(4,4'-Bipyridinediium) tetrakis(pyridine-2,5-dicarboxylato)-indium(iii) aqua-tris(pyridine-2,5-dicarboxylato)-indium(iii) heptahydrate

Space Group:	P-1	***Cell:***	***a***	15.790(7)	***b***	18.403(8)	***c*** 18.777(7)
Space Group No.:	2	***(Å,°)***	α	113.46(0)	β	104.03(0)	γ 97.84

R-Factor (%): 9.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.532



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2606

VULMEV

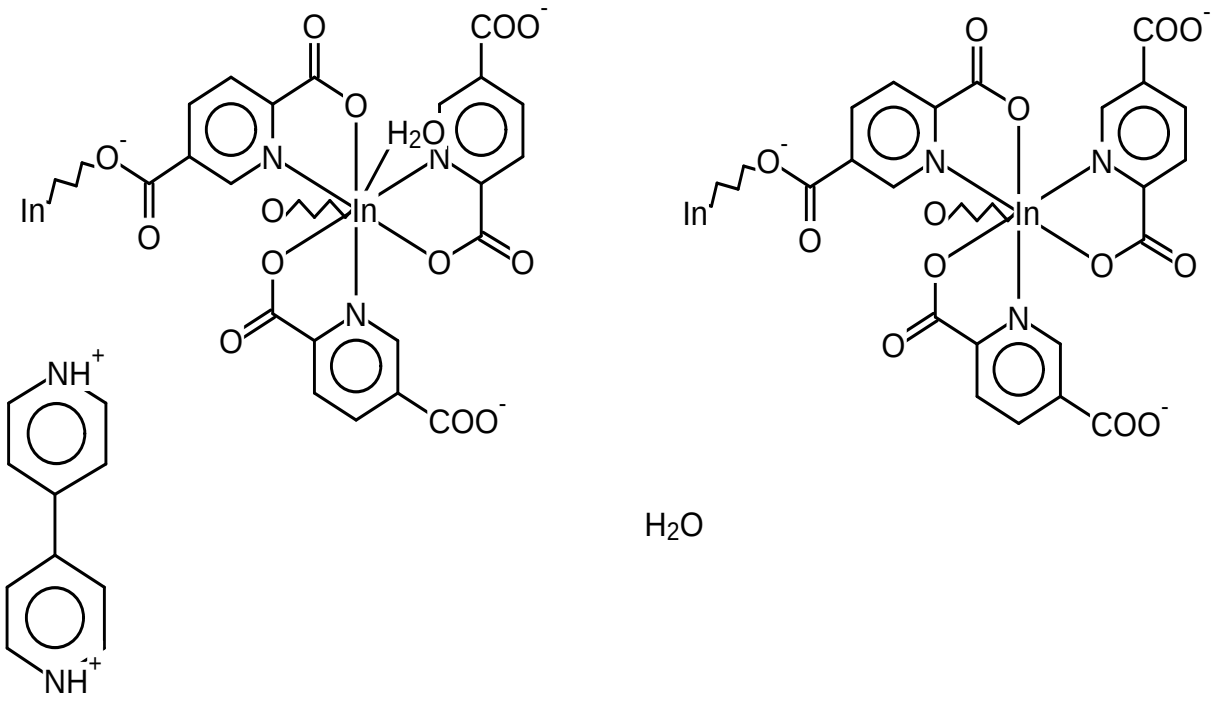
Reference: Qiang Gao, Fei-Long Jiang, Ming-Yan Wu, You-Gui Huang, Da-Qing Yuan, Wei Wei, Mao-Chun Hong (2009) *CrystEngComm* ,**11,**918

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})3n,n(C_{21}\ H_{11}\ In_1\ N_3\ O_{13}\ ^{3-}),n(C_{21}\ H_9\ In_1\ N_3\ O_{12}\ ^{3-}),6n(H_2\ O_1)$

Compound Name: catena-(tris(4,4'-Bipyridinediium) (μ_2-pyridine-2,5-dicarboxylato)-bis(pyridine-2,5-dicarboxylato)-aqua-indium(iii) (μ_2-pyridine-2,5-dicarboxylato)-bis(pyridine-2,5-dicarboxylato)-indium(iii) hexahydrate)

Space Group:	P-1	***Cell:***	***a***	8.958(2)	***b***	14.948(3)	***c*** 30.757(8)
Space Group No.:	2	***(Å,°)***	α	89.69(0)	β	89.53(0)	γ 78.43(0)

R-Factor (%): 7.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.499



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2607

VULMIZ

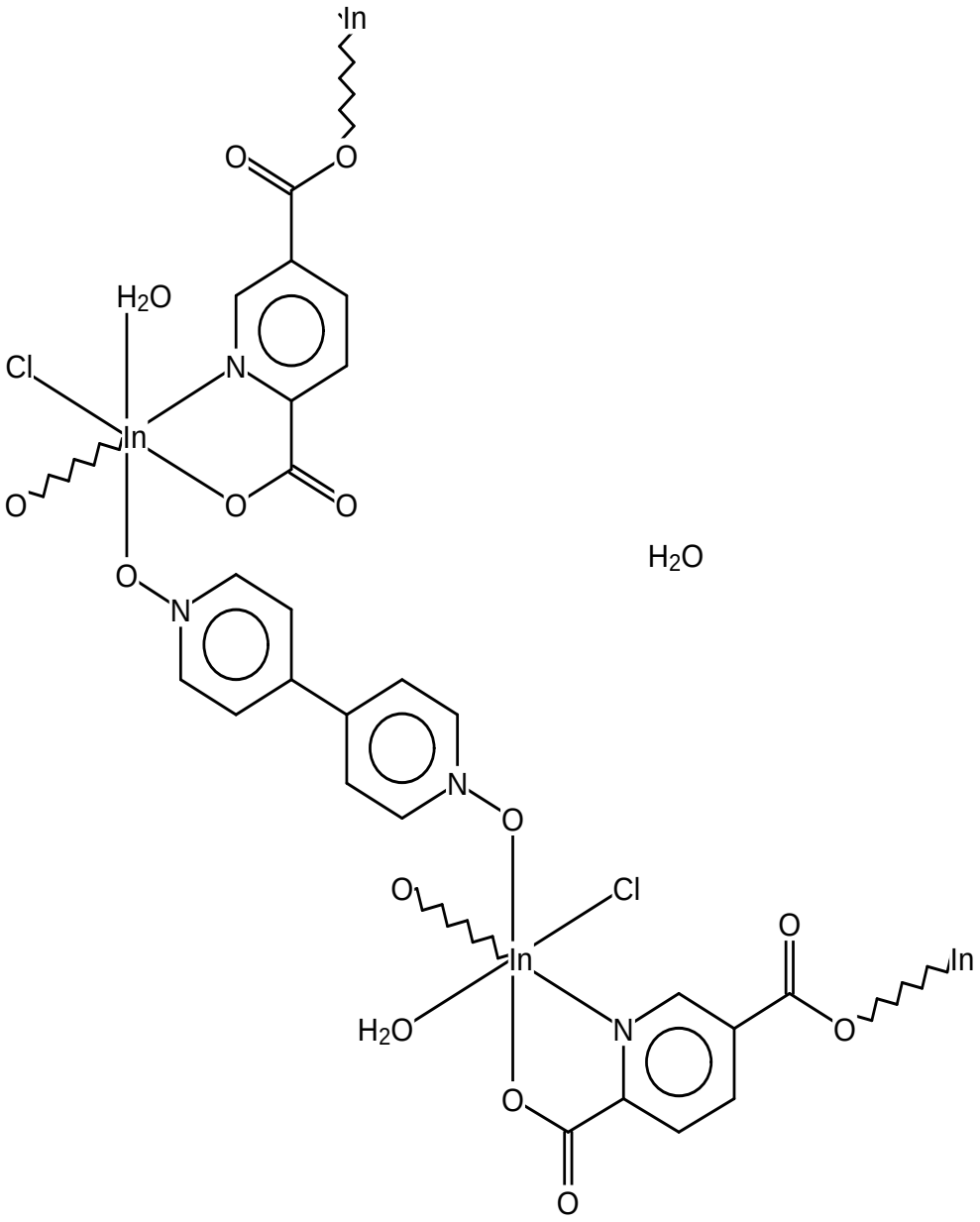
Reference: Qiang Gao, Fei-Long Jiang, Ming-Yan Wu, You-Gui Huang, Da-Qing Yuan, Wei Wei, Mao-Chun Hong (2009) *CrystEngComm* ,**11,**918

Formula: $(C_{24}\ H_{18}\ Cl_2\ In_2\ N_4\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-pyridine-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine N,N'-dioxide)-diaqua-dichloro-di-indium(iii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	8.114(4)	***b*** 12.648(6)	***c***	16.325(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 115.38(1)	γ	90.00

R-Factor (%): 2.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.955



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2608

VULWEF

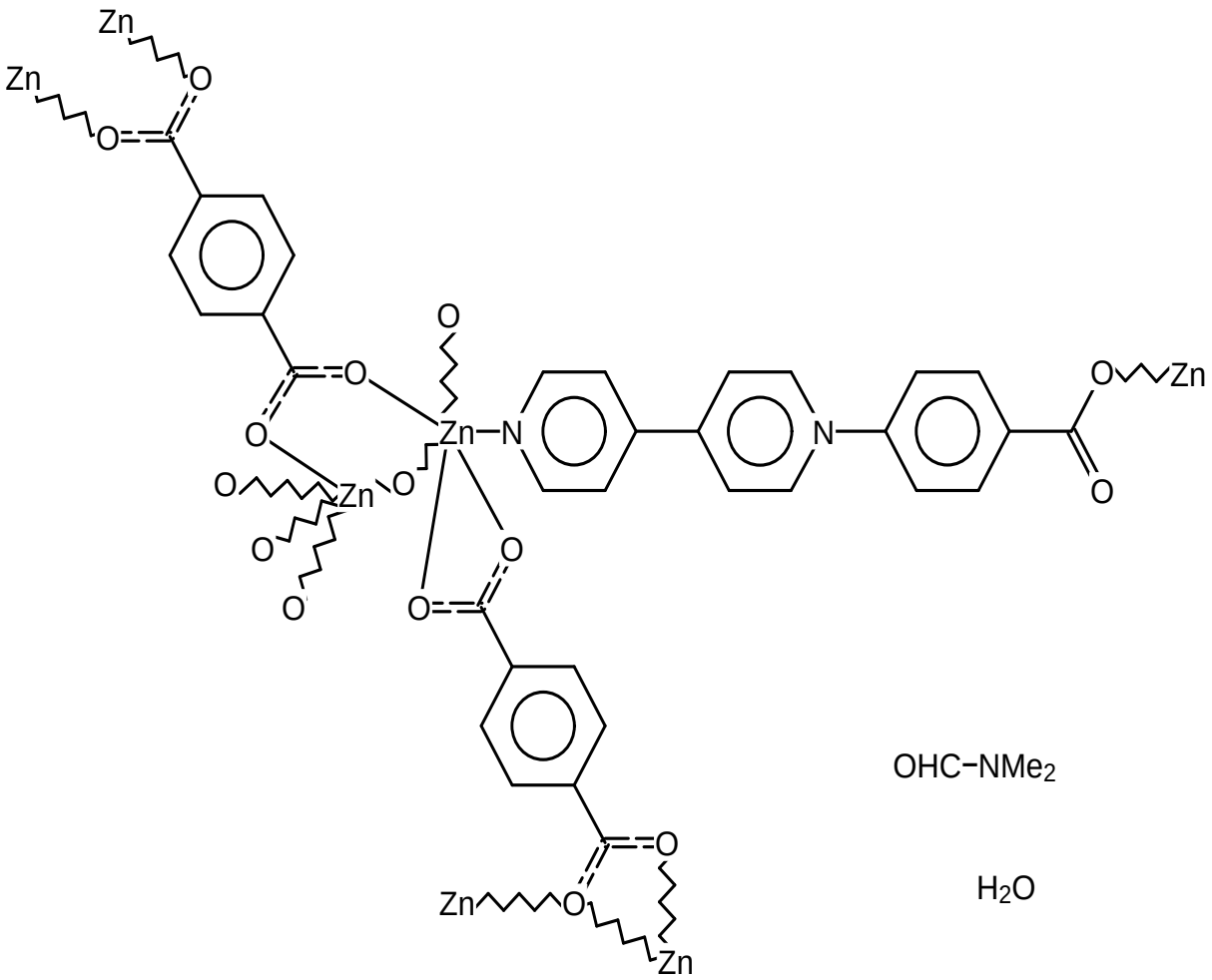
Reference: M.Higuchi, D.Tanaka, S.Horike, H.Sakamoto, K.Nakamura, Y.Takashima, Y.Hijikata, N.Yanai, Jungeun Kim, K.Kato, Y.Kubota, M.Takata, S.Kitagawa (2009) *J.Am.Chem.Soc. ,***131,**10336

Formula: $(C_{33}\ H_{20}\ N_2\ O_{10}\ Zn_2)n,2n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-((μ_4-Benzene-1,4-dicarboxylato)-(μ_3-benzene-1,4-dicarboxylato) -(μ_2-4-(4-(pyridin-4-yl)pyridinium-1-yl)benzoato)-di-zinc dimethylformamide solvate monohydrate)

Space Group:	C2/c	***Cell:***	***a***	21.889(5)	***b***	10.156(5)	***c*** 34.909(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.72(0)	γ 90.00

R-Factor (%): 6.40 ***Temperature(K):*** 213 ***Density(g/cm^3):*** 1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2609

VUXDUO

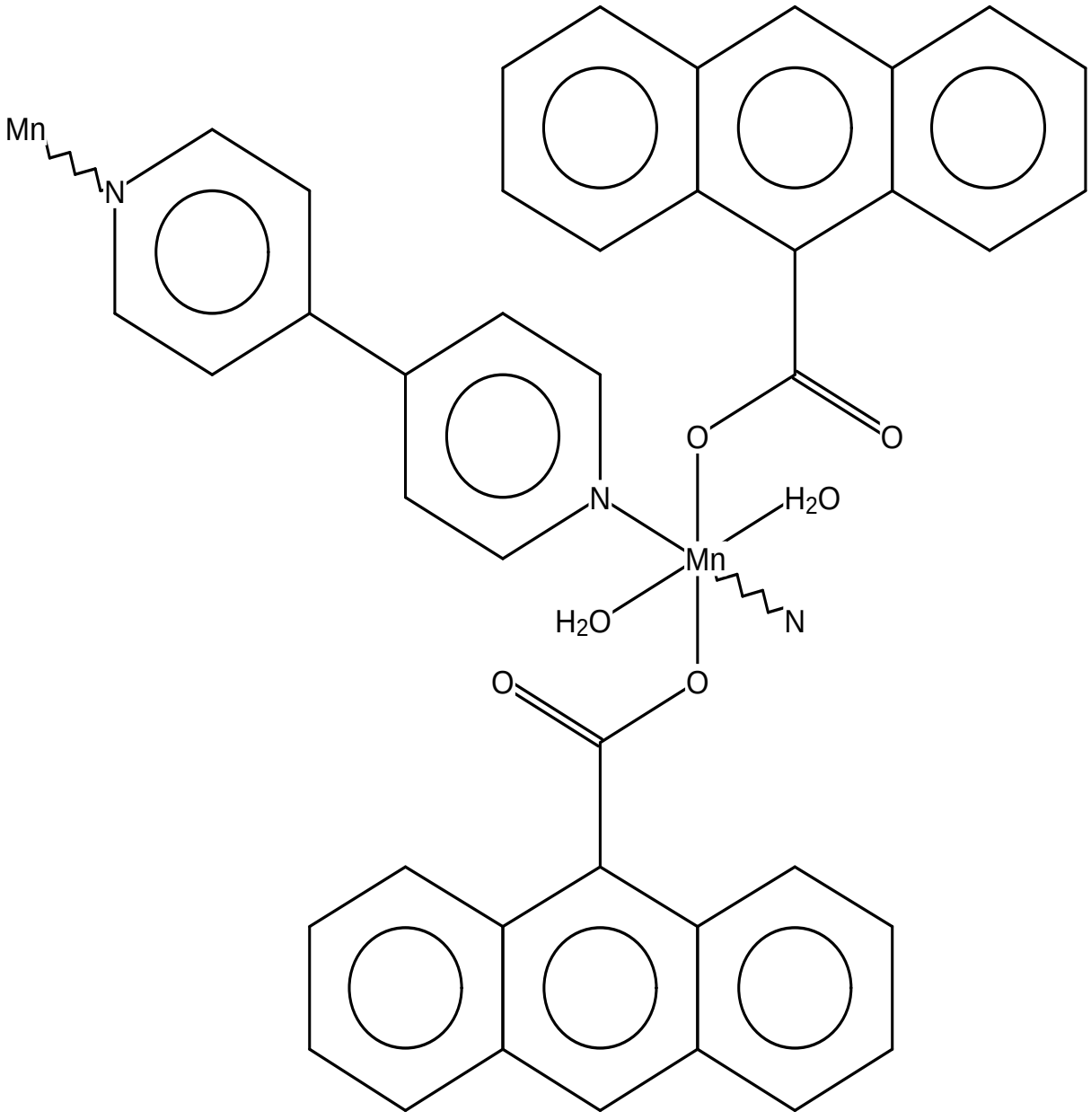
Reference: Guo-Li Zhao, Ying Wu, Jun-Wei Ye, Kai-Qi Ye (2008)
Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition)) , **29,**686

Formula: $(C_{40}\ H_{30}\ Mn_1\ N_2\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-diaqua-bis(anthracene-9-carboxylato)-manganese(ii))

Space Group:	Fdd2	***Cell:***	***a***	16.677(1)	***b***	33.647(1)	***c*** 11.687(4)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.397



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2610

VUXFAW

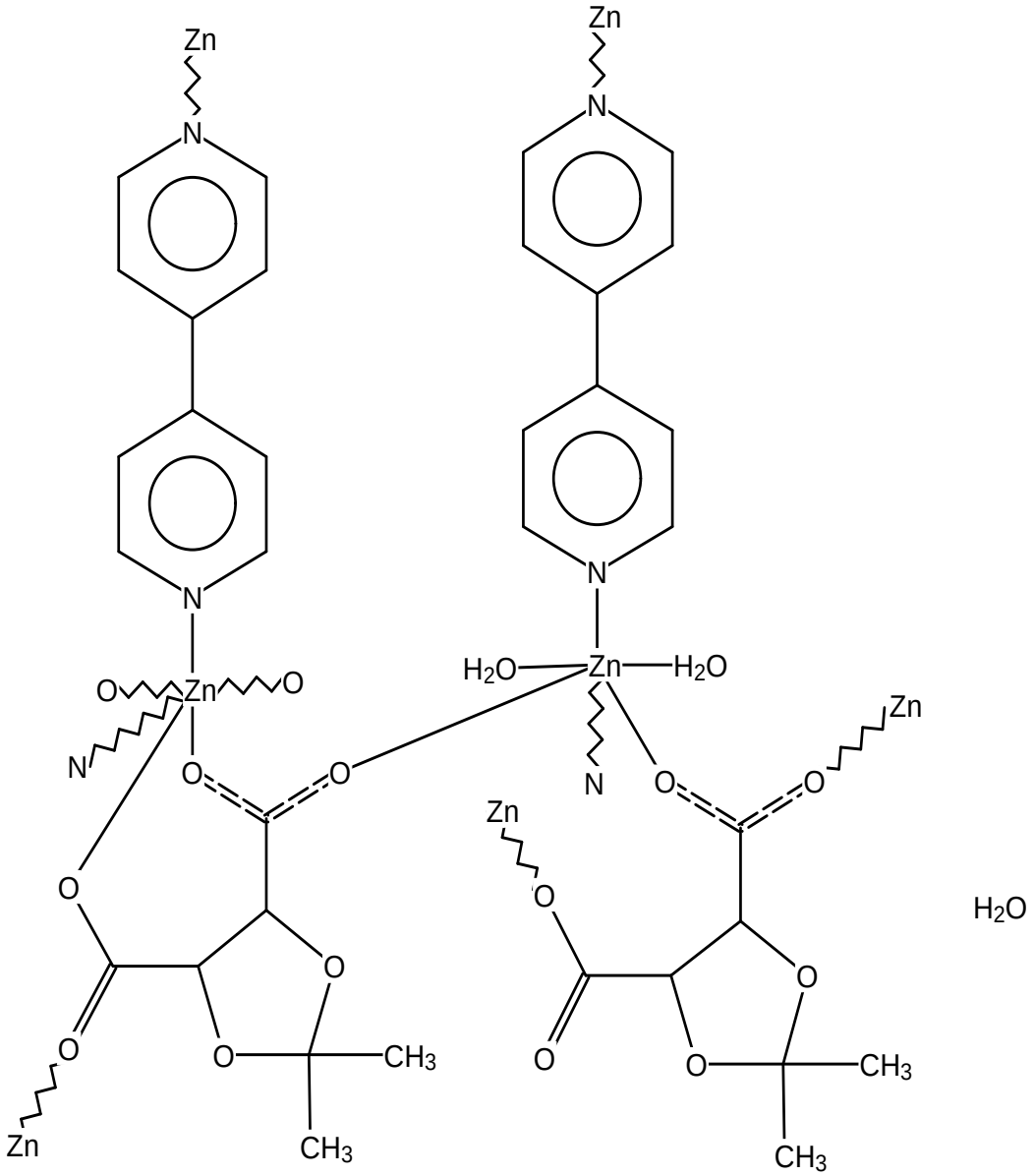
Reference: Xiang-Hua Meng, Ji-Cheng Shi, Qing-Song Tong, Yu-Rong Yang, Li Jia (2008)
Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition)) , **29,**1086

Formula: $(C_{34}\ H_{36}\ N_4\ O_{14}\ Zn_2)n,4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-2,3-O-isopropylidene-L-tartrate)-bis(μ_2-4,4'-bipyridine)-diaqua-di-zinc tetrahydrate)

Space Group:	C2	***Cell:***	***a***	20.233(1)	***b*** 11.390(0)	***c***	10.109(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β 117.37(0)	γ	90.00

R-Factor (%): 2.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.489



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2611

VUXWER

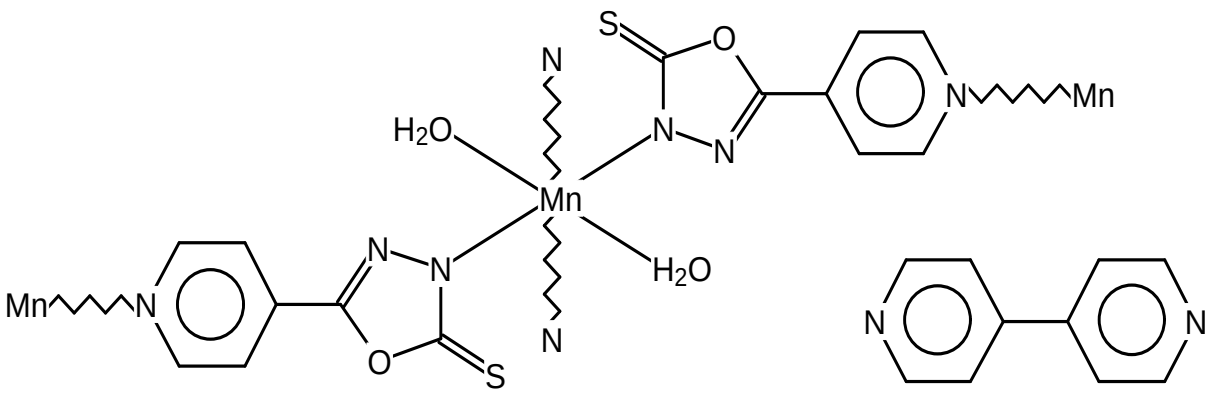
Reference: Su-Zhen Zhang, Zhi-Hui Zhang, Cheng-Peng Li, Miao Du (2009) *Inorg.Chem.Commun.* ,**12,**1038

Formula: $(C_{14}\ H_{12}\ Mn_1\ N_6\ O_4\ S_2)n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-5-(Pyridin-4-yl)-2-thioxo-1,3,4-oxadiazol-3-yl-N^3,N)-diaqua-manganese(ii) 2,2'-bipyridine clathrate dihydrate]

Space Group:	P21/n	***Cell:***	***a***	9.304(1)	***b***	12.784(1)	***c***	12.032(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.85(0)	γ	90.00

R-Factor (%):	2.54	***Temperature(K):***	296	***Density(g/cm^3):***	1.502



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2612

VUXXOC

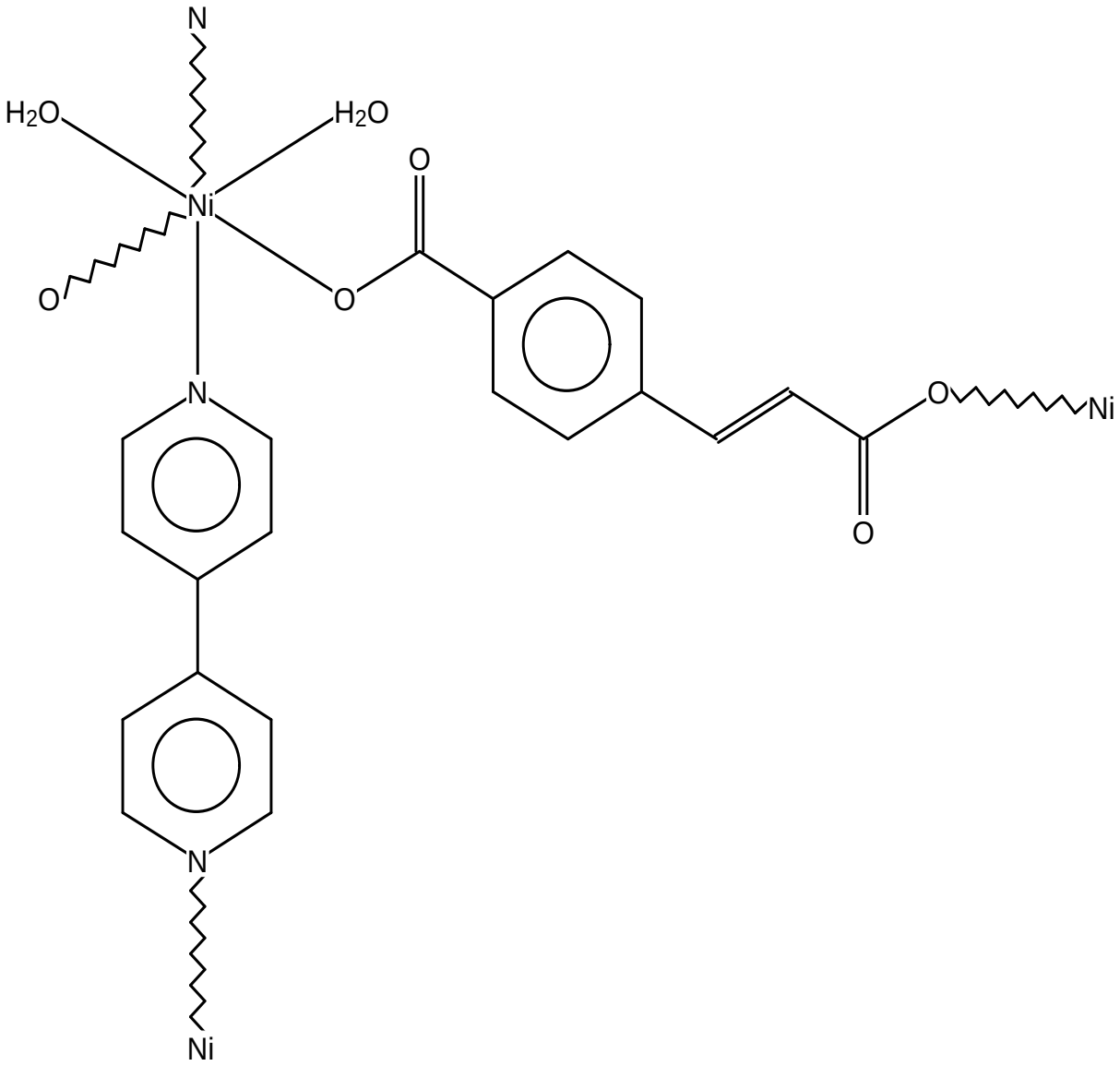
Reference: Suna Wang, Daqi Wang, Jianmin Dou, Dacheng Li (2010) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **66,**m141

Formula: $(C_{20}\ H_{18}\ N_2\ Ni_1\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-bipyridine)(μ_2-4-carboxylatocinnamato)-diaqua-nickel(ii))

Space Group:	P32	***Cell:***	***a***	11.261(2)	***b***	11.261(2)	***c***	13.495(6)
Space Group No.:	145	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 7.14 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.483



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2613

VUYNEJ

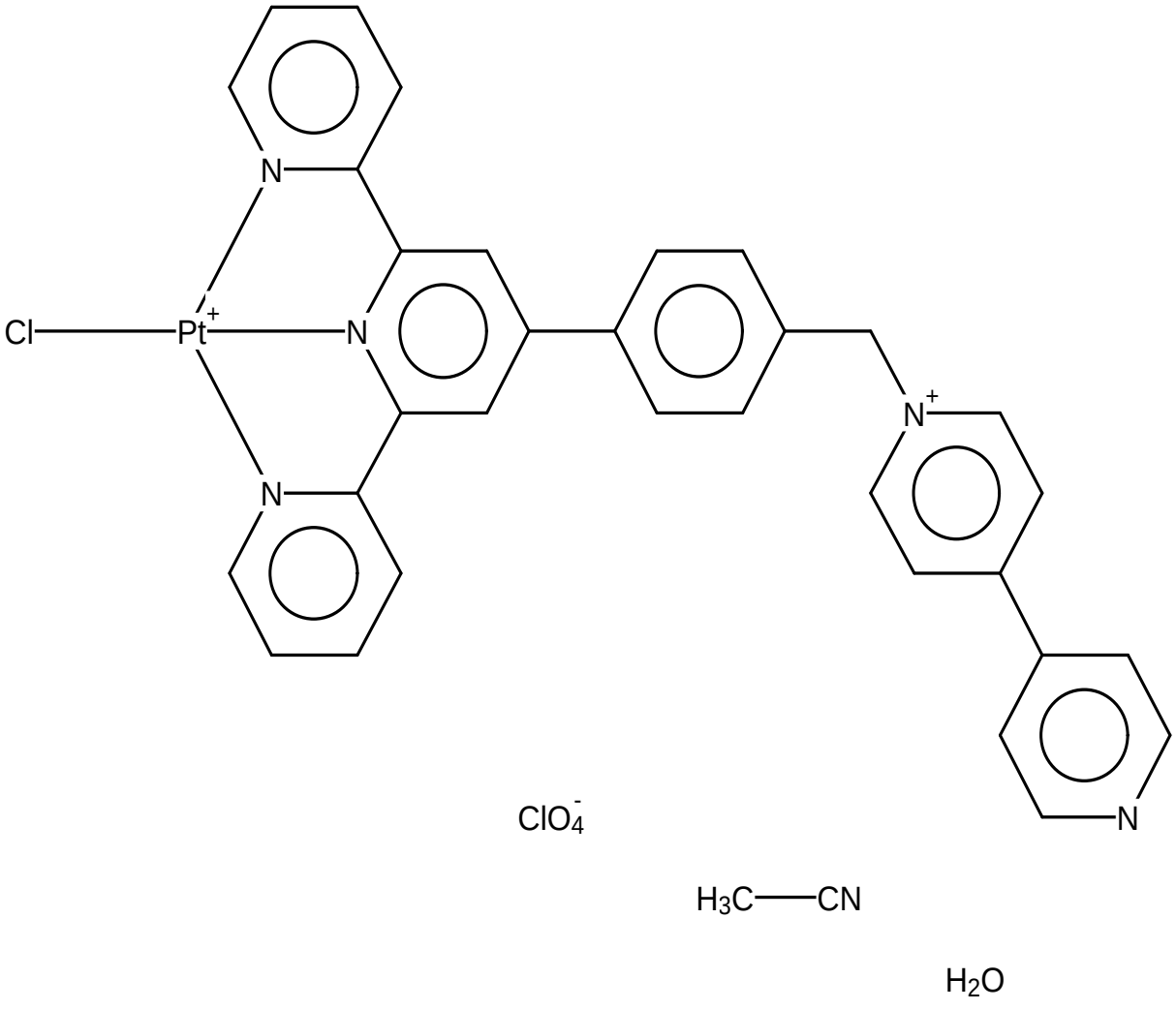
Reference: Guiju Zhang, Quan Li, Wenfu Fu, Daqi Wang (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m681

Formula: $C_{32}\ H_{24}\ Cl_1\ N_5\ Pt_1\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$),2($C_2\ H_3\ N_1$),1.5($H_2\ O_1$)

Compound Name: (4'-(4-(4,4'-Bipyridin-1-ylmethyl)phenyl)-2,2':6',2''-terpyridine)-chloro-platinum(ii) diperchlorate acetonitrile solvate sesquihydrate

Space Group:	P21/n	***Cell:***	***a***	13.399(1)	***b***	14.502(1)	***c***	41.279(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.39(0)	γ	90.00

R-Factor (%): 11.38 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.685



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2614

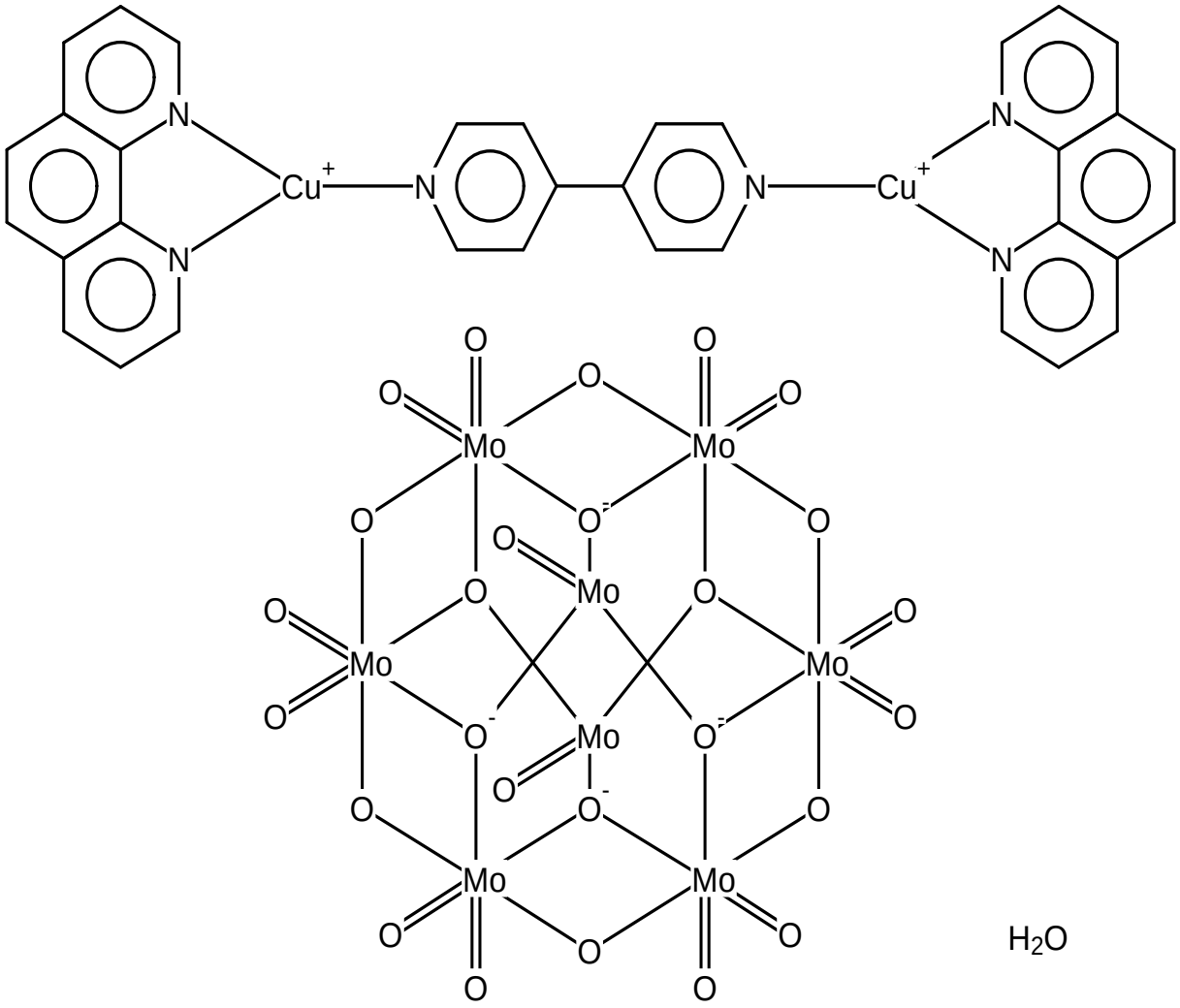
VUZLIL

Reference: Chuan-De Wu, Xiao-Ping Zhan, Can-Zhong Lu, Hong-Hui Zhuang (2002) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**21,**525

Formula: $2(C_{34}\ H_{24}\ Cu_2\ N_6\ ^{2+}),Mo_8\ O_{26}\ ^{4-},4(H_2\ O_1)$

Compound Name: bis((μ$_2$-4,4'-Bipyridyl)-bis(1,10-phenanthroline)-di-copper(i)) α-hexakis(μ$_3$-oxo)-hexakis(μ$_2$-oxo)-tetradecaoxo-octa-molybdenum tetrahydrate

Space Group:	P-1	***Cell:***	***a***	11.270(3)	***b***	13.113(6)	***c*** 13.906(3)
Space Group No.:	2	***(Å,°)***	α	103.33(4)	β	98.54(2)	γ 101.29(2)
R-Factor (%):	4.45	***Temperature(K):***	293		***Density(g/cm^3):***		2.199


N
Cu+
N
N
Cu+
N
N
O
Mo
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2615

WACJUG

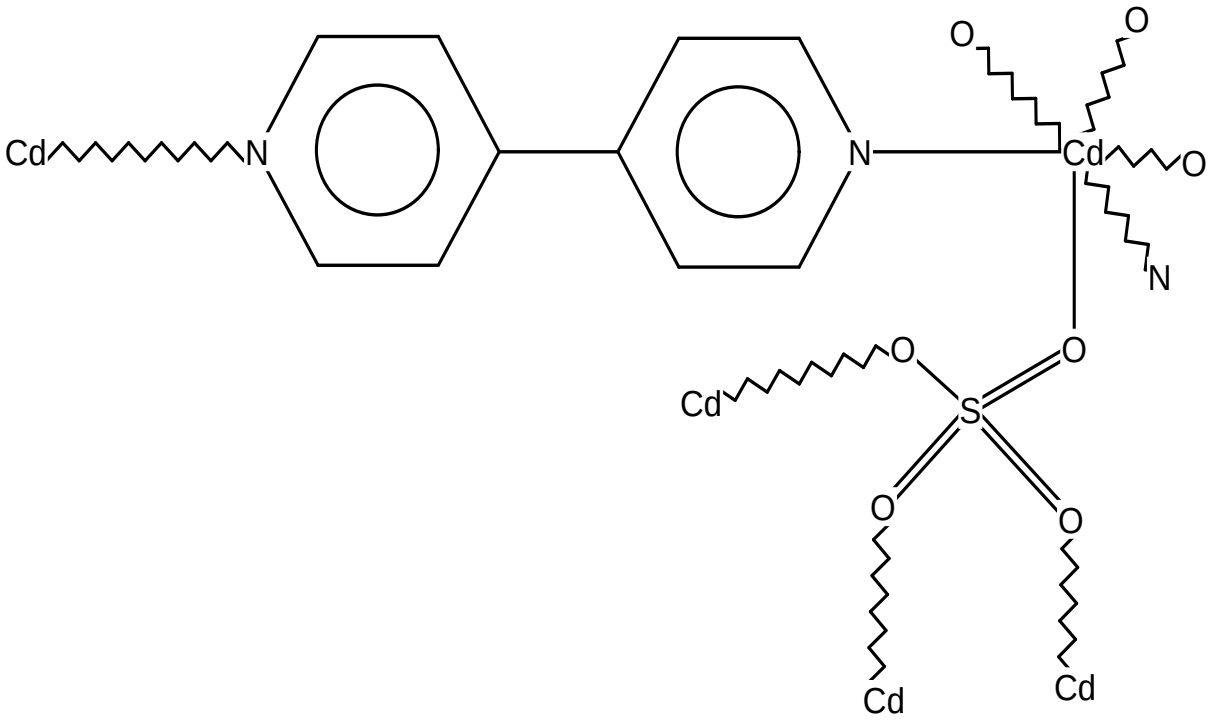
Reference: Ying Xu, Wen-hua Bi, Xing Li, Dao-feng Sun, Rong Cao, Mao-chun Hong (2003) *Inorg.Chem.Commun. ,***6,**495

Formula: $(C_{10}\ H_8\ Cd_1\ N_2\ O_4\ S_1)n$

Compound Name: catena-((μ_4-sulfato)-(μ_2-4,4'-bipyridyl)-cadmium(ii))

Space Group:	P21212	***Cell:***	***a***	6.812(1)	***b***	6.800(1)	***c*** 11.847(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.207



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2616

WACKIV

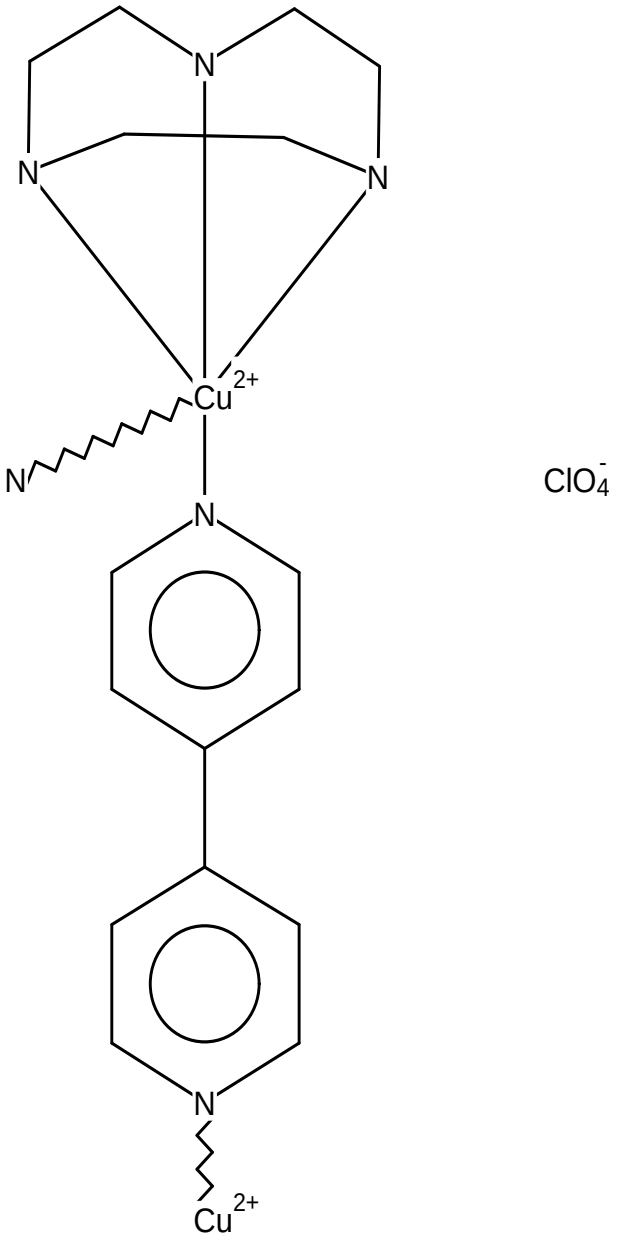
Reference: Jing-Yuan Xu, Wen Gu, He-Dong Bian, Fang Bian, Shi-Ping Yan, Peng Cheng, Dai-Zheng Liao, Zong-Hui Jiang, Pen-Wen Shen (2003) *Inorg.Chem.Commun.* ,**6,**513

Formula: $(C_{16}\ H_{20}\ Cu_1\ N_5\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-((μ$_2$-4,4'-bipyridyl)-(1,4,7-triazacyclononane-1,4,7-triyl)-copper(ii) diperchlorate)

Space Group:	P21/n	***Cell:***	***a***	8.293(3)	***b***	17.278(6)	***c*** 14.975(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.05(0)	γ 90.00

R-Factor (%): 5.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.693



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2617

WADJUH

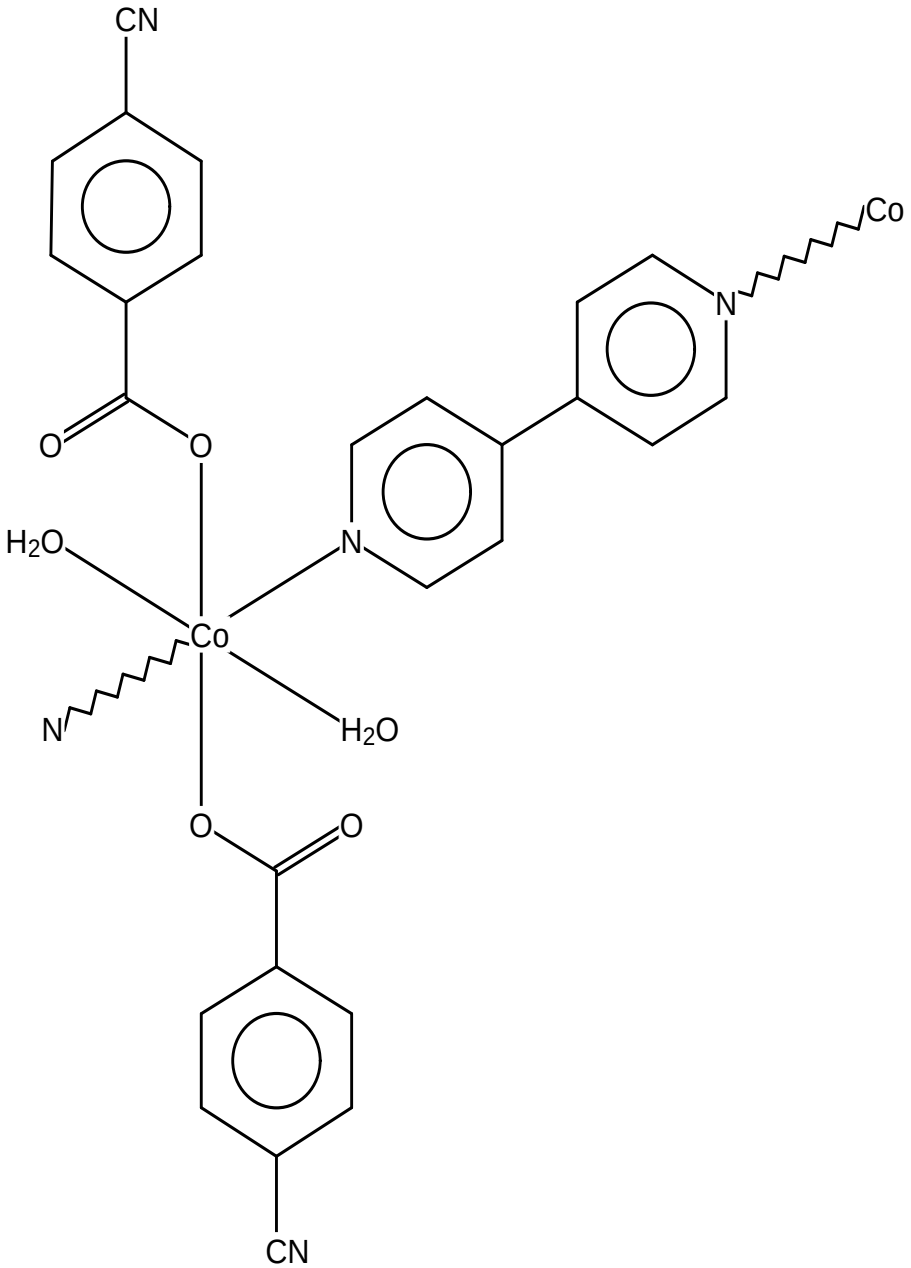
Reference: Hong-Yin He, Ai-Qing Ma, Long-Guan Zhu (2003)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**59,**m333

Formula: $(C_{26}\ H_{20}\ Co_1\ N_4\ O_6)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridyl-N,N')-diaqua-bis(4-cyanobenzoato-O)-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	10.833(0)	***b***	11.379(0)	***c***	19.733(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.66(0)	γ	90.00

R-Factor (%): 3.49 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.497



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2618

WAJDOB

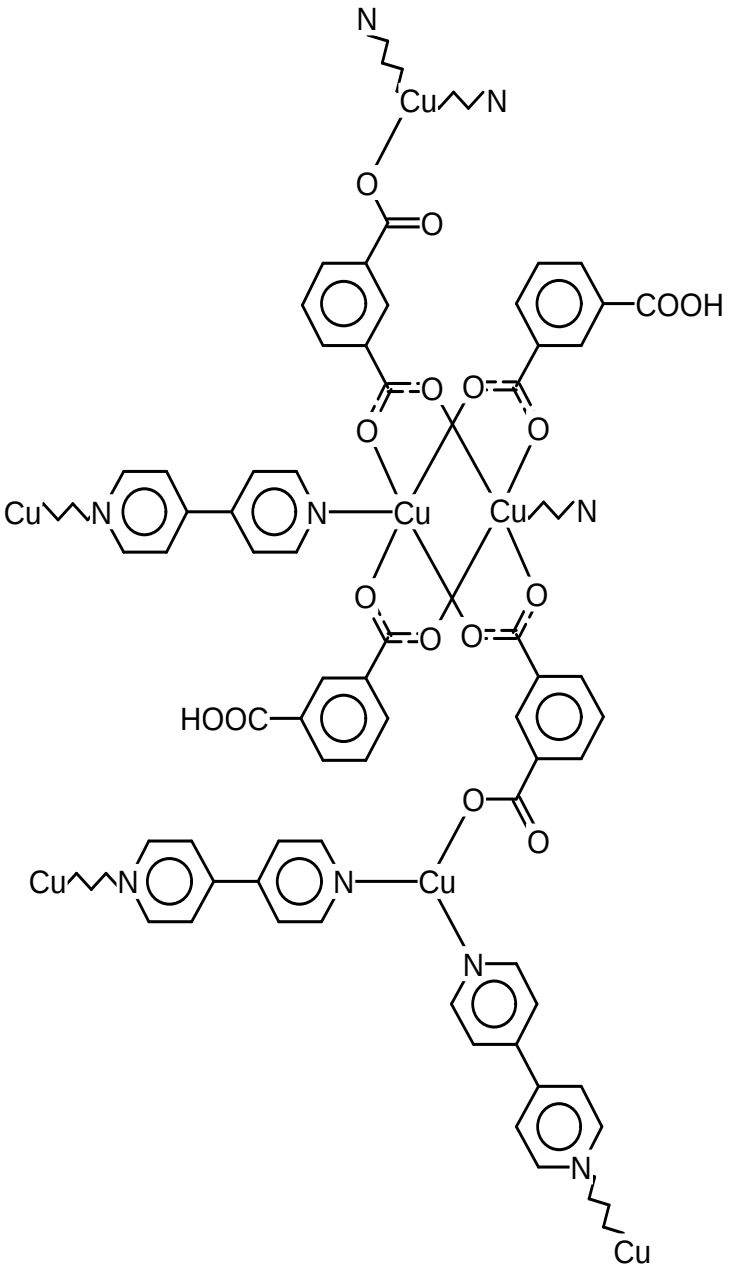
Reference: Yi-Hang Wen, Jian-Kai Cheng, Jian Zhang, Zhao-Ji Li, Yao Kang, Yuan-Gen Yao (2004) *Inorg.Chem.Commun.* ,**7,**1120

Formula: $(C_{62}\ H_{42}\ Cu_4\ N_6\ O_{16})n$

Compound Name: catena-(bis(μ_3-Isophthalato)-tris(μ_2-4,4'-bipyridyl)-bis(μ_2-hydrogen isophthalato)-tetra-copper(i,ii))

Space Group:	P-1	***Cell:***	***a***	10.688(0)	***b***	10.908(0)	***c***	14.784(0)
Space Group No.:	2	***(Å,°)***	α	91.84(0)	β	93.30(0)	γ	118.64(0)

R-Factor (%): 5.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.522



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2619

WAJDOB01

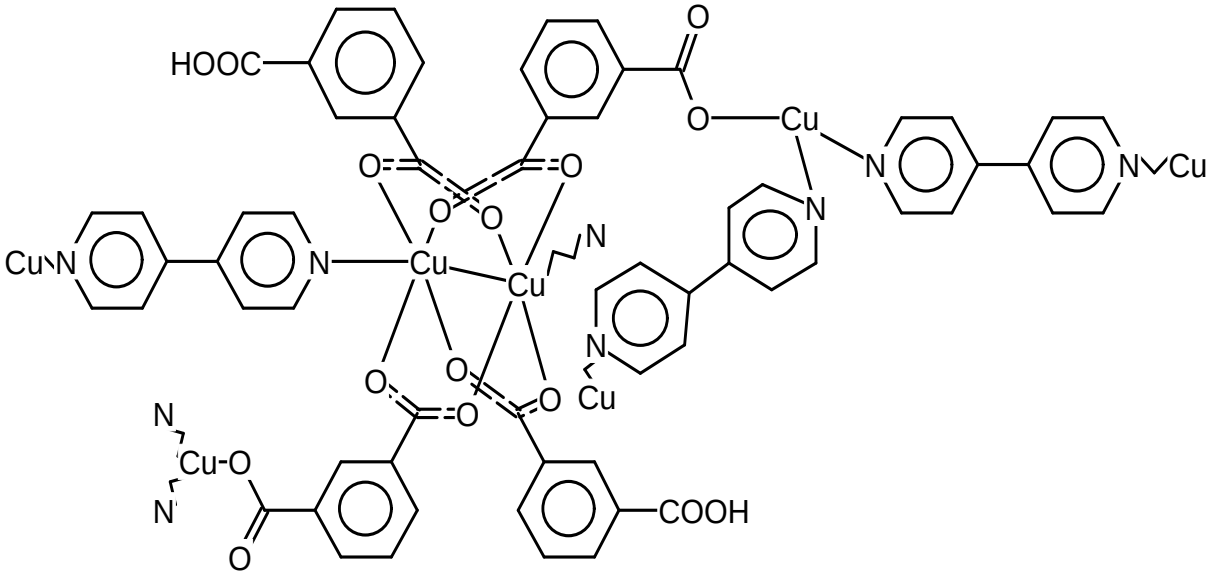
Reference: Yan-Zhen Zheng, Ming-Liang Tong, Xiao-Ming Chen (2004) *New J.Chem.* ,**28,**1412

Formula: $(C_{62}\ H_{42}\ Cu_4\ N_6\ O_{16})n$

Compound Name: catena-(bis(μ_3-isophthalato)-bis(μ_2-hydrogen isophthalato)-tris(μ_2-4,4'-bipyridyl)-tetra-copper(i,ii))

Space Group:	P-1	***Cell:***	***a***	10.725(1)	***b***	10.840(1)	***c*** 14.797(1)
Space Group No.:	2	***(Å,°)***	α	91.43(0)	β	94.10(0)	γ 118.74(0)

R-Factor (%): 8.58 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2620

WAJDOB02

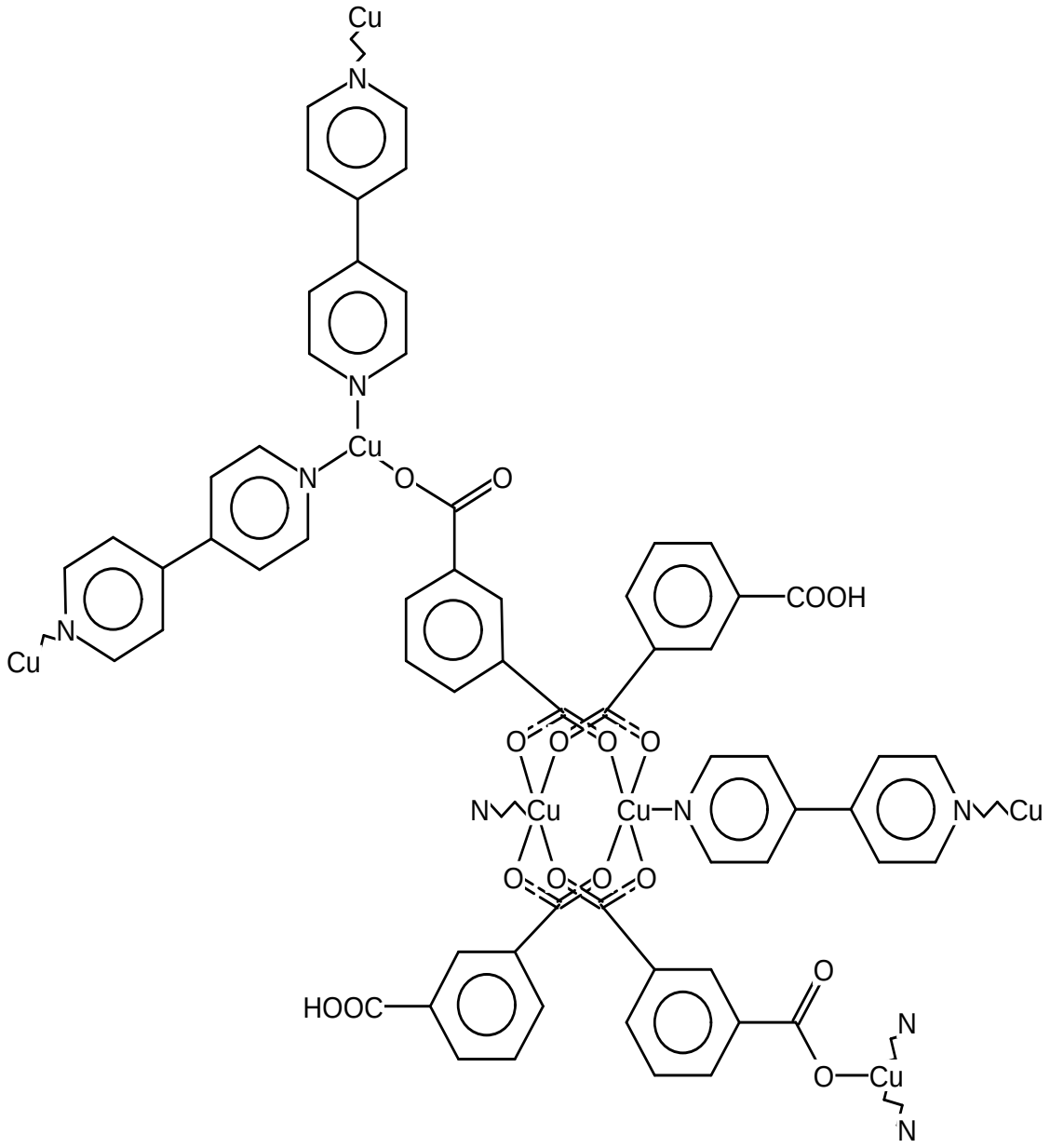
Reference: Yi-Hang Wen, Jian-Kai Cheng, Yun-Long Feng, Jian Zhang, Zhao-Ji Li, Yuan-Gen Yao (2005) *Inorg.Chim.Acta* ,**358,** 3347

Formula: $(C_{62}\ H_{42}\ Cu_4\ N_6\ O_{16})n$

Compound Name: catena-[bis(μ_3-Isophthalato)-tris(μ_2-4,4'-bipyridyl)-bis(μ_2-hydrogen isophthalato)-di-copper(i)-di-copper(ii)]

Space Group:	P-1	***Cell:***	***a***	10.688(0)	***b***	10.908(0)	***c*** 14.784(0)
Space Group No.:	2	***(Å,°)***	α	91.84(0)	β	93.30(0)	γ 118.64(0)

R-Factor (%): 5.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.522



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2621

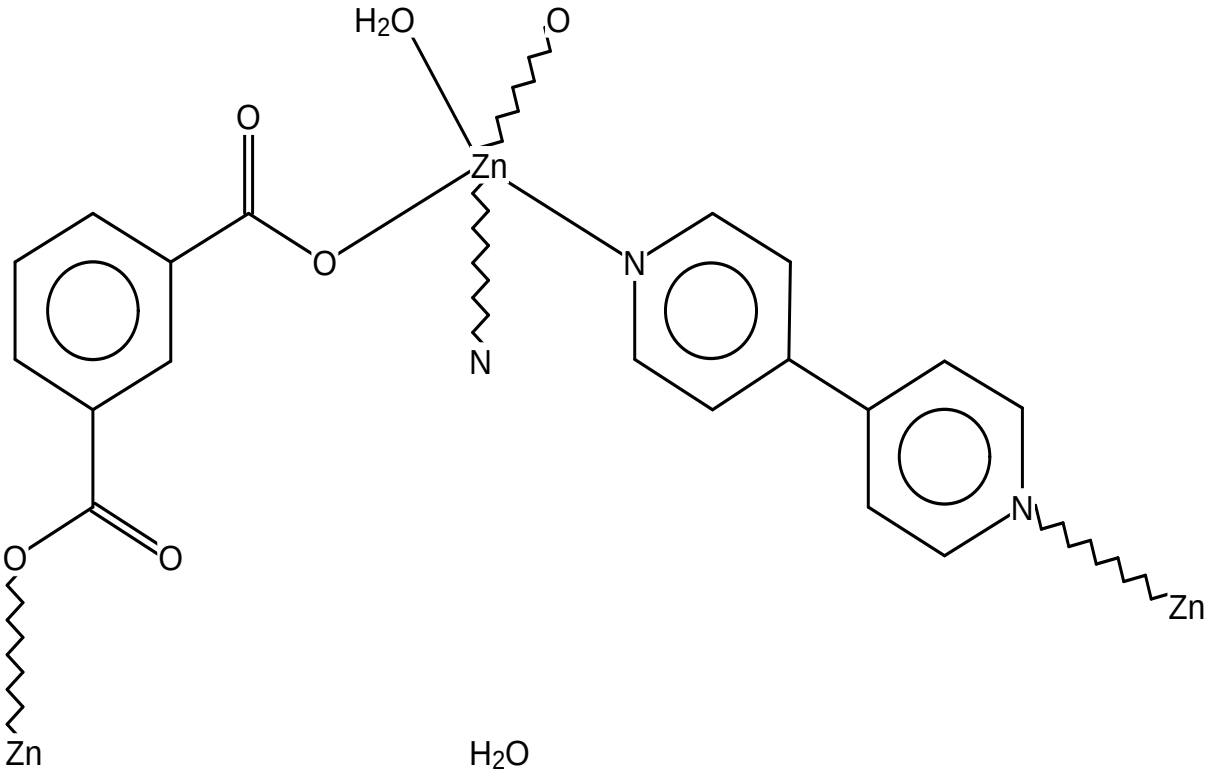
WAJGAQ

Reference: Ling Xu, Guo-Cong Guo, Bing Liu, Ming-Sheng Wang, Jin-Shun Huang (2004) *Inorg.Chem.Commun. ,***7,**1145

Formula: $(C_{18}\ H_{14}\ N_2\ O_5\ Zn_1)n,1.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-Benzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridyl)-aqua-zinc(ii) sesquihydrate clathrate)

Space Group:	P21/n	***Cell:***	***a***	9.710(3)	***b***	13.809(5)	***c*** 17.981(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.70(0)	γ 90.00
R-Factor (%):	6.06	***Temperature(K):***	293		***Density(g/cm^3):***		1.197



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2622

WAJGEU

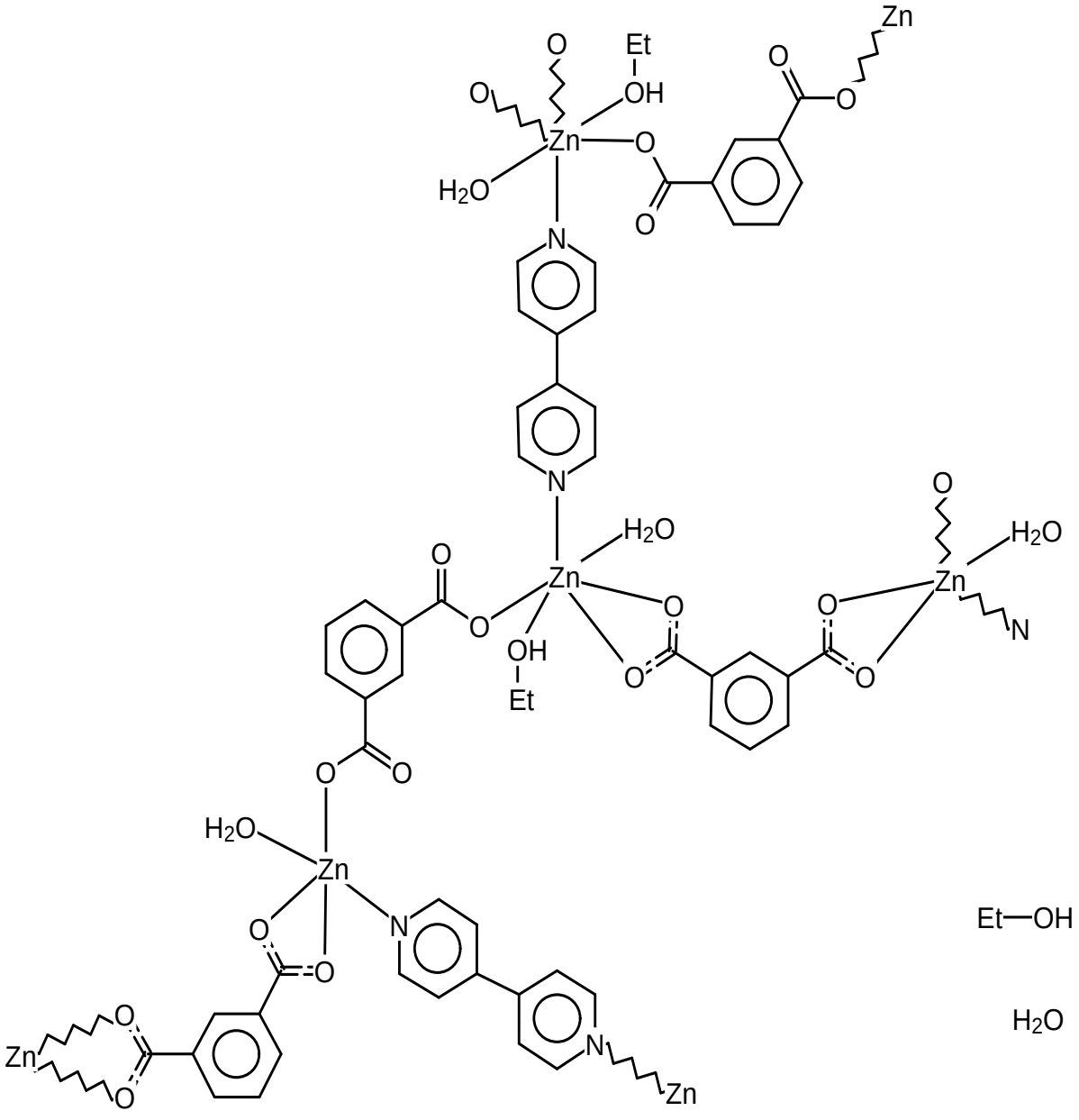
Reference: Ling Xu, Guo-Cong Guo, Bing Liu, Ming-Sheng Wang, Jin-Shun Huang (2004) *Inorg.Chem.Commun.* ,**7,**1145

Formula: $(C_{56}\ H_{52}\ N_4\ O_{22}\ Zn_4)n,2n(C_2\ H_6\ O_1),n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Benzene-1,3-dicarboxylato-O,O',O'',O''')-bis(μ_2-benzene-1,3-dicarboxylato-O,O')-bis(μ_2-4,4'-bipyridyl)-tetra-aqua-bis(ethanol)-tetra-zinc(ii) bis(ethanol) monohydrate clathrate)

Space Group:	P21/c	***Cell:***	***a***	16.949(1)	***b*** 11.368(0)	***c***	17.948(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.43(0)	γ	90.00

R-Factor (%): 4.69 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.563



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2623

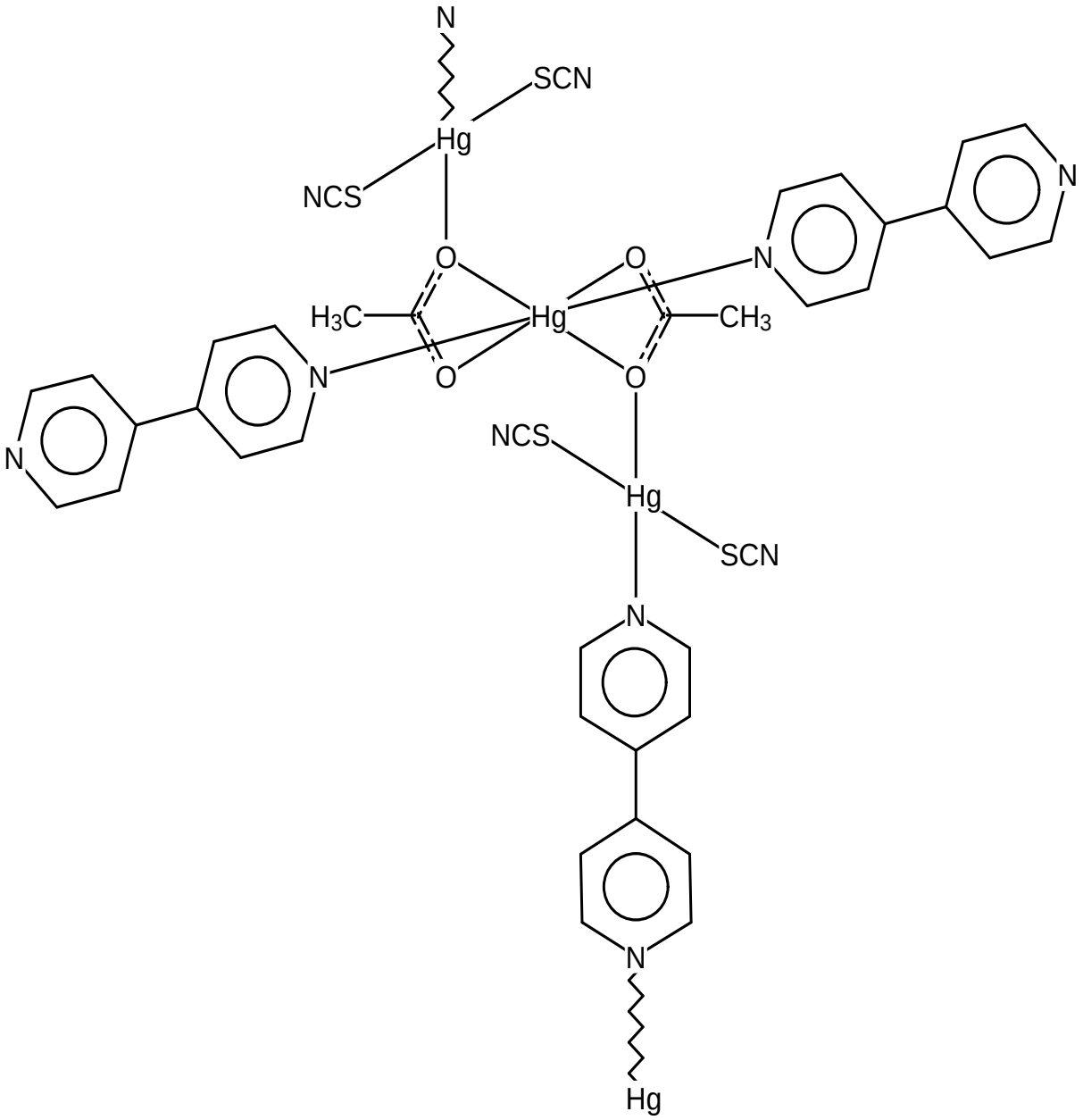
WAJJAT

Reference: A.Morsali, Long-Guan Zhu (2004) *Inorg.Chem.Commun.* , **7,**1184

Formula: $(C_{38}\ H_{30}\ Hg_3\ N_{10}\ O_4\ S_4)n$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-(μ_2-4,4'-bipyridyl)-bis(4,4'-bipyridyl)-tetrathiocyanato-tri-mercury(ii))

Space Group:	P-1	***Cell:***	***a***	8.884(3)	***b***	10.514(3)	***c***	12.255(4)
Space Group No.:	2	***(Å,°)***	α	69.99(0)	β	86.42(0)	γ	84.03(0)
R-Factor (%):	7.54	***Temperature(K):***	293	***Density(g/cm^3):***	2.206			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2624

WAJJAT01

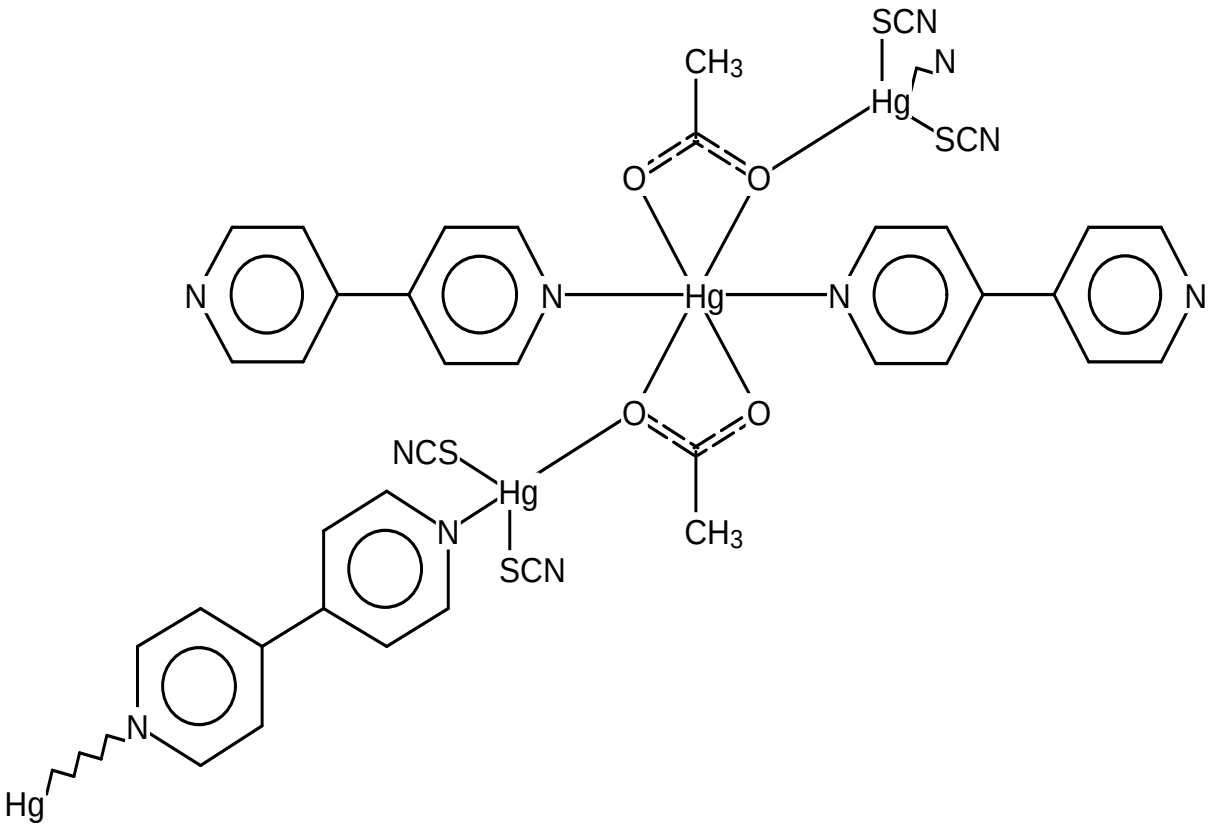
Reference: A.Morsali, Long-Guan Zhu (2006) *Helv.Chim.Acta* ,**89,**81

Formula: $(C_{38}\ H_{30}\ Hg_3\ N_{10}\ O_4\ S_4)n$

Compound Name: catena-(bis(μ_2-Acetato-O,O,O')-(μ_2-4,4'-bipyridine-N,N')-tetrakis(thiocyanato)-tri-mercury(ii))

Space Group:	P-1	***Cell:***	***a***	8.884(3)	***b***	10.514(3)	***c***	12.255(4)
Space Group No.:	2	***(Å,°)***	α	69.99(0)	β	86.42(0)	γ	84.03(0)

R-Factor (%):	7.54	***Temperature(K):***	293	***Density(g/cm^3):***	2.206



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2625

WAQPEK

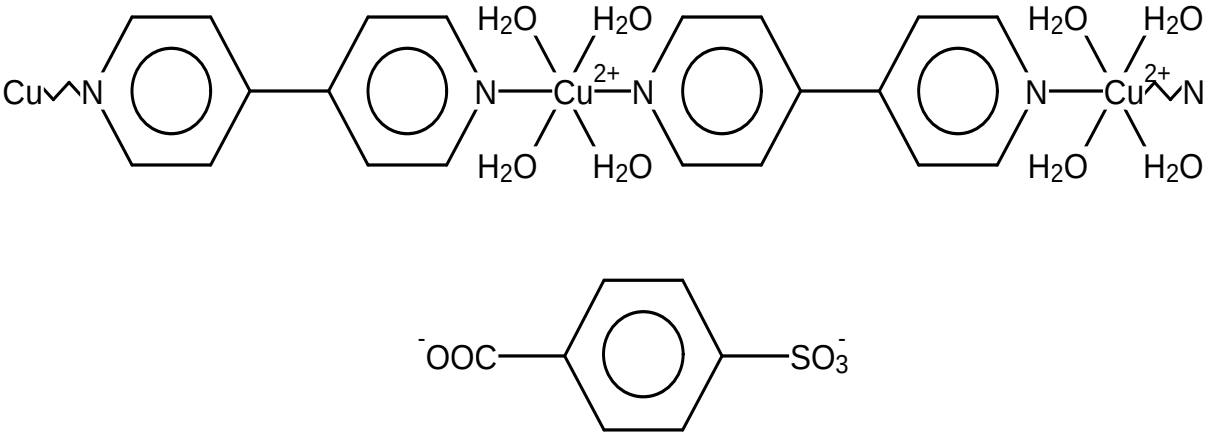
Reference: Li-Ping Zhang, Long-Guan Zhu (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1264

Formula: $(C_{20}\ H_{32}\ Cu_2\ N_4\ O_8\ ^{4+})n,2n(C_7\ H_4\ O_5\ S_1\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-octa-aqua-di-copper(ii) bis(4-sulfonatobenzoate))

Space Group:	P-1	***Cell:***	***a***	7.621(0)	***b*** 10.405(0)	***c***	13.155(0)
Space Group No.:	2	***(Å,°)***	α	68.00(0)	β 85.64(0)	γ	78.65(0)

R-Factor (%): 3.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.723



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2626

WARFEB

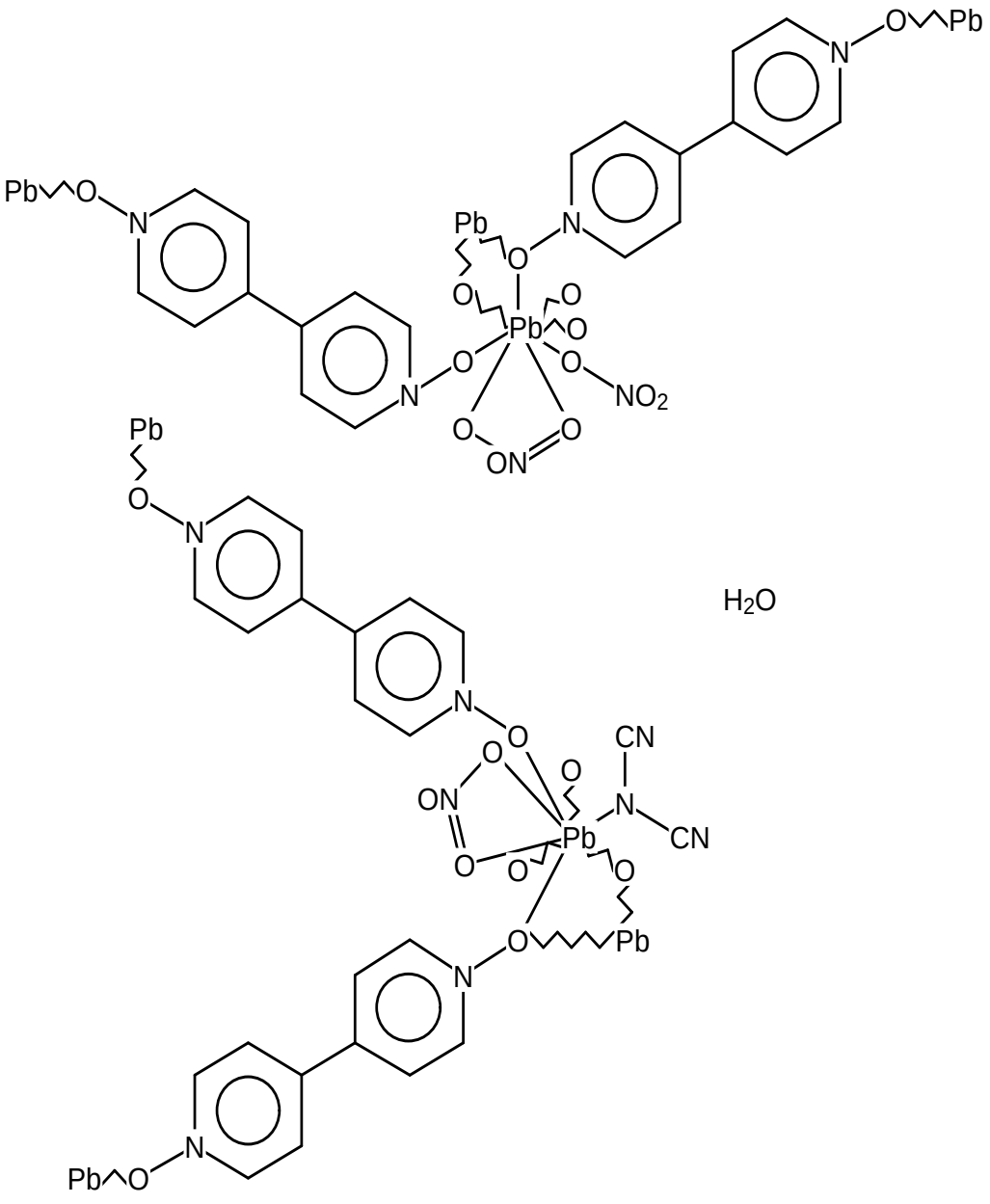
Reference: Yanqing Xu, Daqiang Yuan, Lei Han, En Ma, Mingyan Wu, Zhengzhong Lin, Maochun Hong (2005) *Eur.J.Inorg.Chem.* ,2054

Formula: $(C_{20}\ H_{16}\ N_6\ O_{10}\ Pb_1)n,n(C_{22}\ H_{16}\ N_8\ O_7\ Pb_1),2.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine N,N'-dioxide)-(nitrato-O,O')-(nitrato-O)-di-lead(ii) bis(μ_2-4,4'-bipyridine N,N'-dioxide)-(nitro-O,O')-(dicyanamido-N)-di-lead(ii) hydrate)

Space Group:	P-1	***Cell:***	***a***	13.465(0)	***b***	13.467(0)	***c*** 13.798(0)
Space Group No.:	2	***(Å,°)***	α	85.44(0)	β	76.29(0)	γ 88.46(0)

R-Factor (%): 6.87 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.007



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2627

WARFIF

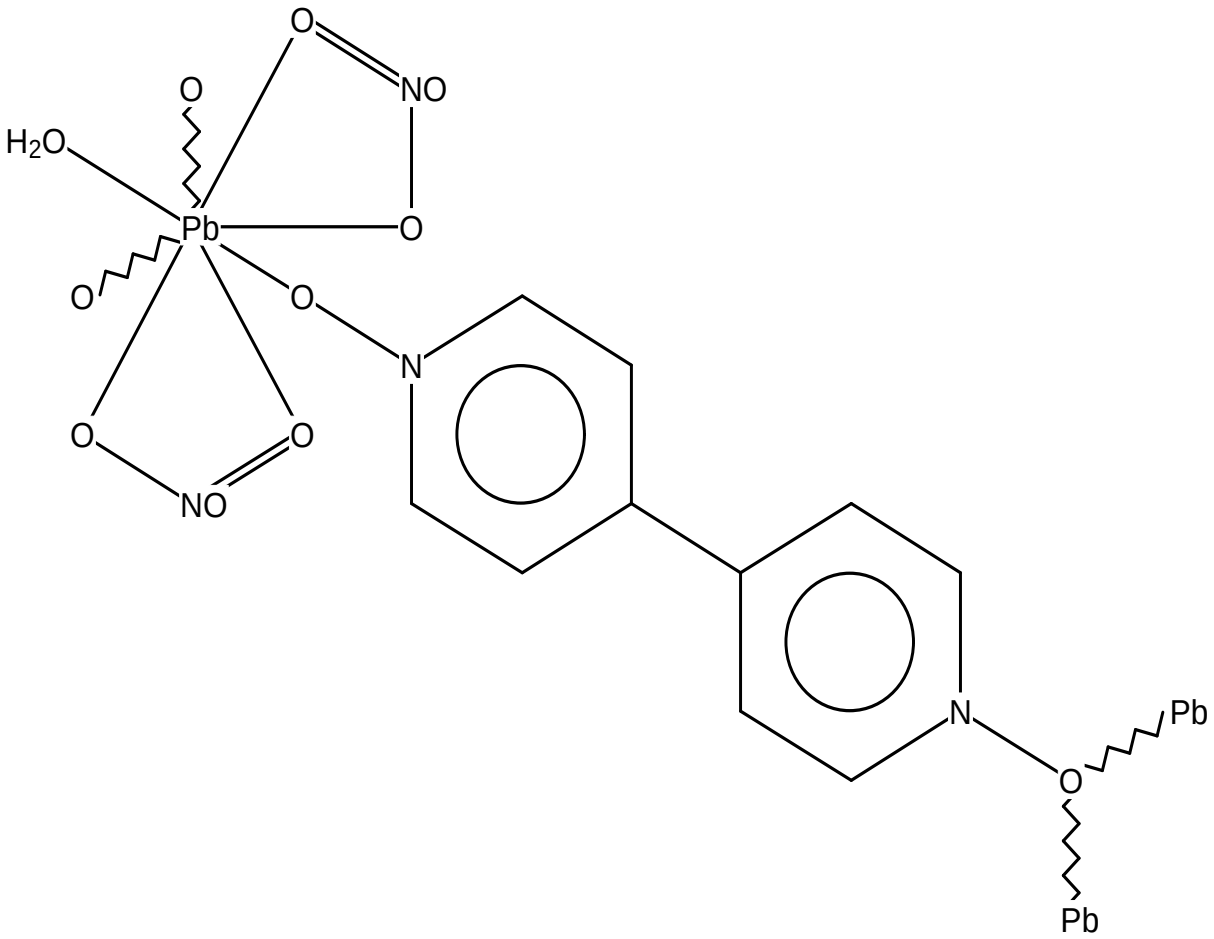
Reference: Yanqing Xu, Daqiang Yuan, Lei Han, En Ma, Mingyan Wu, Zhengzhong Lin, Maochun Hong (2005) *Eur.J.Inorg.Chem.* ,2054

Formula: $(C_{10}\ H_{10}\ N_4\ O_9\ Pb_1)n$

Compound Name: catena-((μ_3-4,4'-bipyridine N,N'-dioxide)-aqua-bis(nitrato-O,O')-lead(ii))

Space Group:	Pbca	***Cell:***	***a***	7.896(0)	***b***	18.150(1)	***c***	20.830(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.91 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.392



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2628

WARNUZ

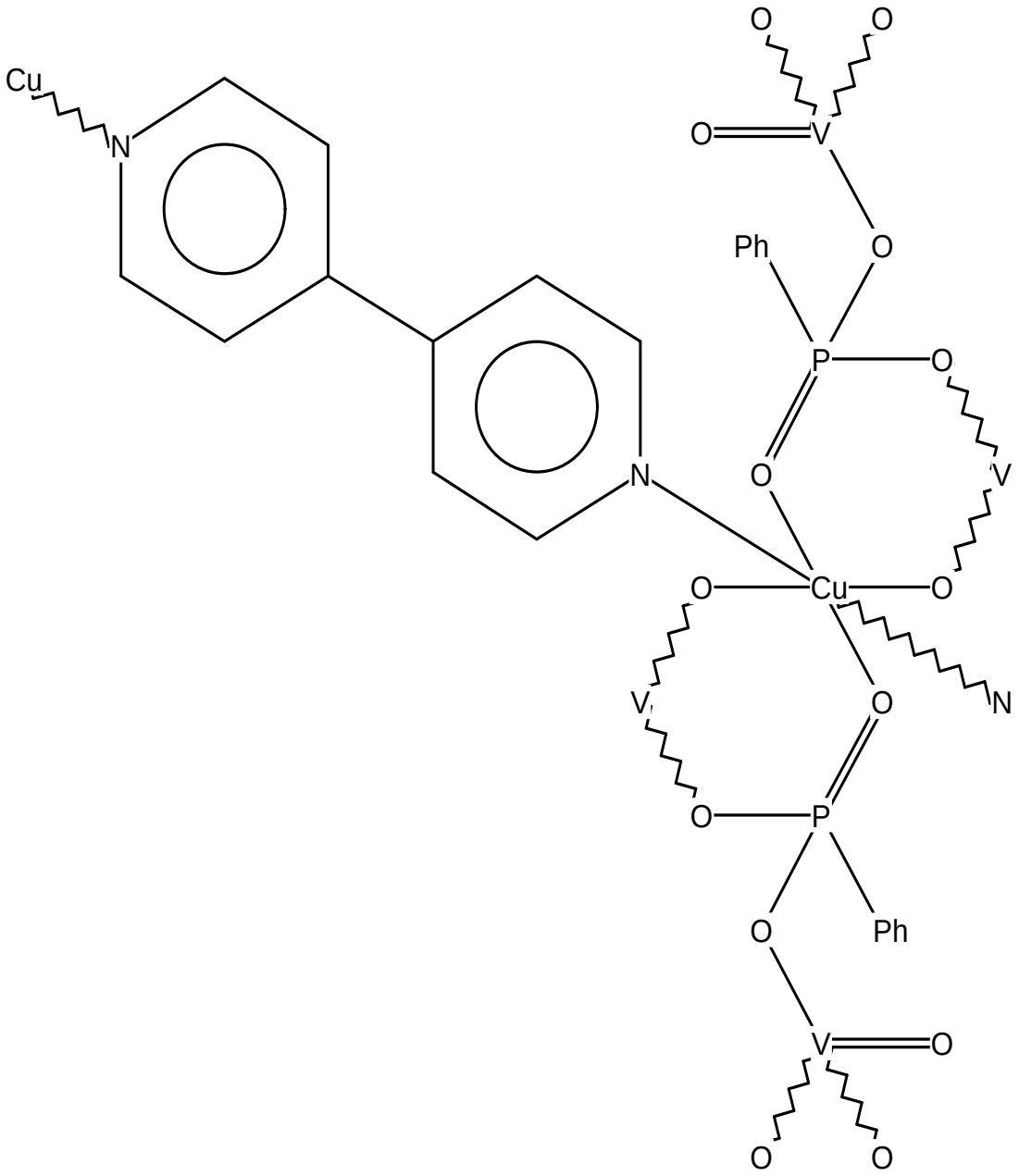
Reference: G.Yucesan, Ming Hui Yu, W.Ouellette, C.J.O'Connor, J.Zubieta (2005) *CrystEngComm* ,**7,**480

Formula: $(C_{22}\ H_{18}\ Cu_1\ N_2\ O_{10}\ P_2\ V_2)n$

Compound Name: catena-(bis(μ_3-Phenyl phosphonato)-(μ_2-4,4'-bipyridine)-dioxo-copper(ii)-di-vanadium(v))

Space Group:	Fdd2	***Cell:***	***a***	17.248(1)	***b***	26.268(1)	***c*** 11.082(0)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.54 ***Temperature(K):*** 87 ***Density(g/cm^3):*** 1.846



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2629

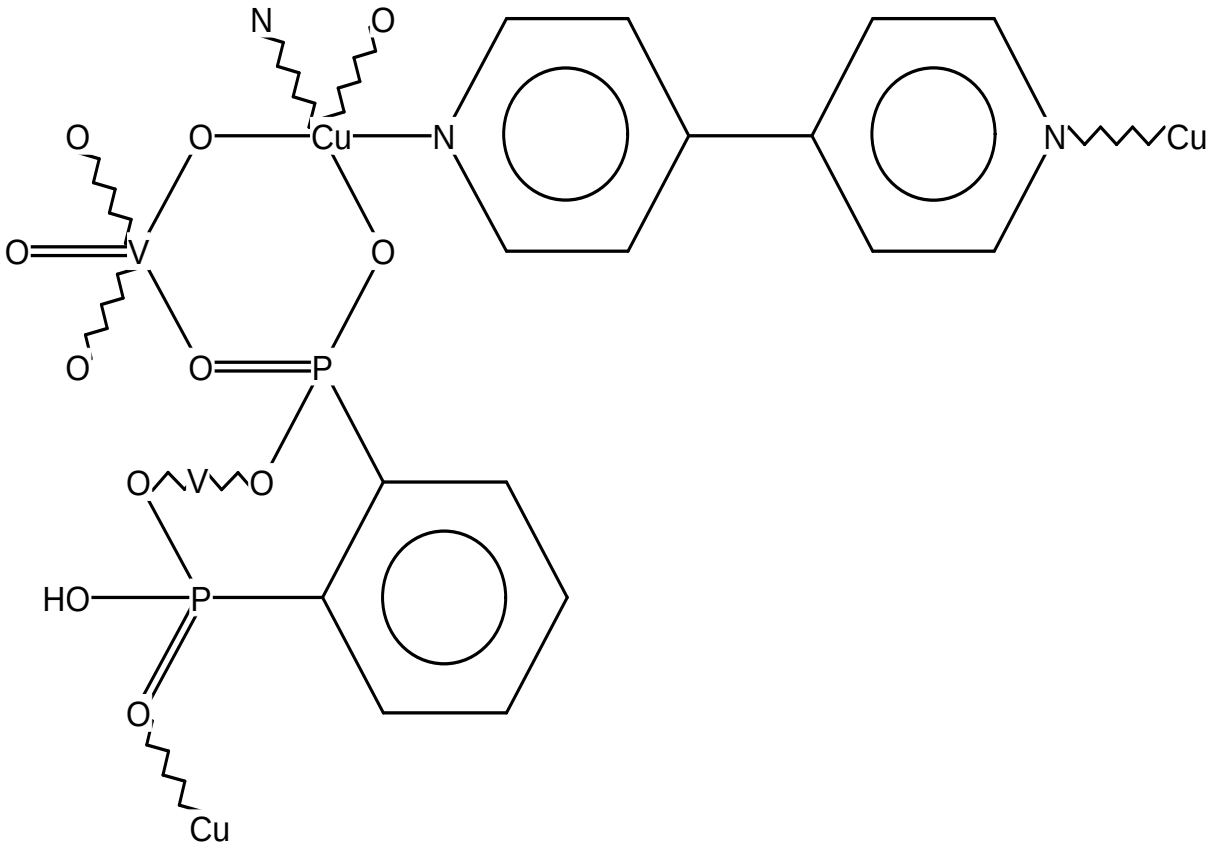
WARPAH

Reference: G.Yucesan, Ming Hui Yu, W.Ouellette, C.J.O'Connor, J.Zubieta (2005) *CrystEngComm* ,**7,**480

Formula: $(C_{16}\ H_{13}\ Cu_1\ N_2\ O_8\ P_2\ V_1)n$

Compound Name: catena-((μ_4-Benzene-1-phosphonato-2-hydrogen phosphonato)-(μ_2-4, 4'-bipyridine)-oxo-copper(ii)-vanadium(v))

Space Group:	P21	***Cell:***	***a***	8.083(0)	***b*** 11.544(1)	***c***	10.557(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β 108.34(0)	γ	90.00
R-Factor (%):	3.03	***Temperature(K):***	87		***Density(g/cm^3):***		1.910



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2630

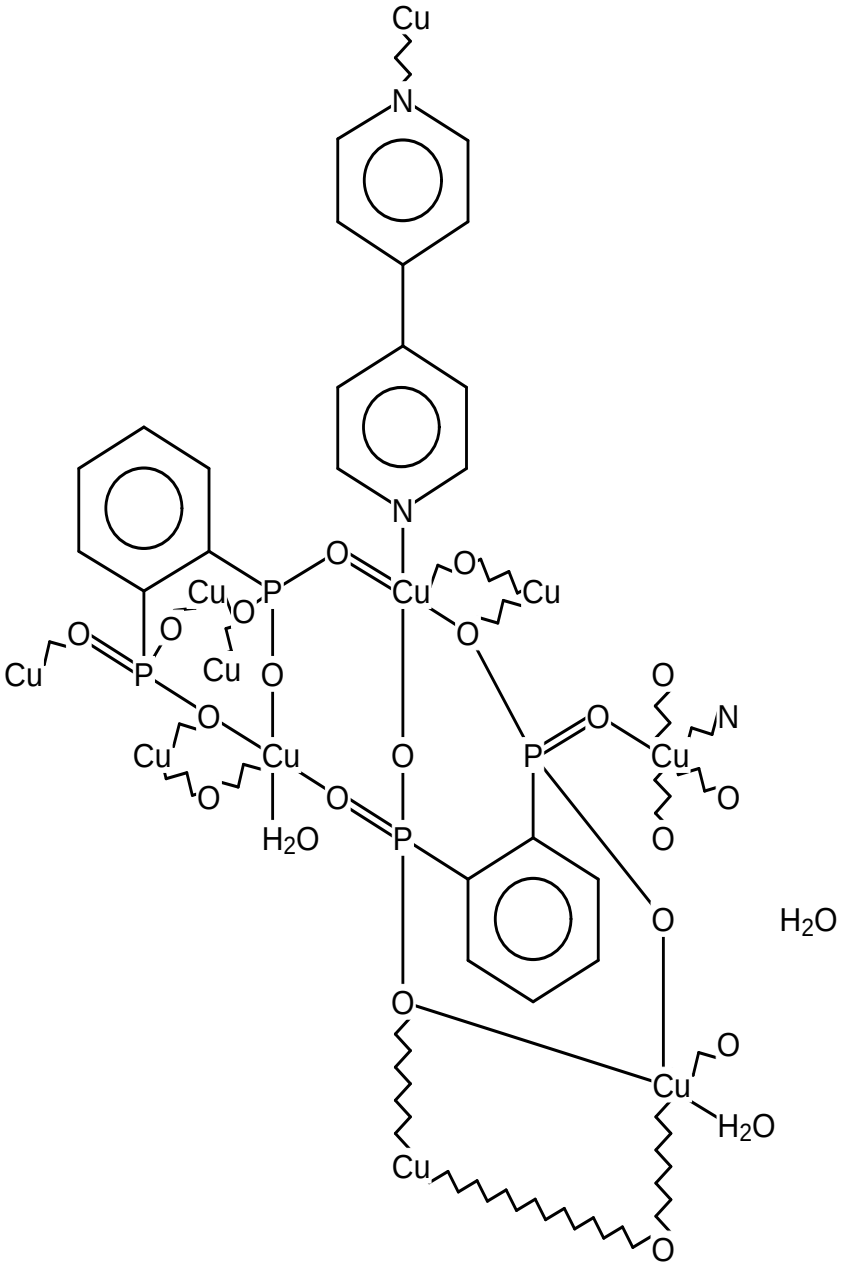
WARPEL

Reference: G.Yucesan, Ming Hui Yu, W.Ouellette, C.J.O'Connor, J.Zubieta (2005) *CrystEngComm* ,**7,**480

Formula: $(C_{22}\ H_{20}\ Cu_4\ N_2\ O_{14}\ P_4)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_6-Benzene-1,2-diphosphonato)-(μ_2-4,4'-bipyridine)-diaqua-tetra-copper(ii) dihydrate)

Space Group:	Fdd2	***Cell:***	***a***	20.751(1)	***b***	45.726(2)	***c***	6.030(0)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	3.39	***Temperature(K):***	101		***Density(g/cm^3):***		2.207	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2631

WASKUW

Reference: M.Lemke, F.Knoch, H.Kisch (1993)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***49,**1630

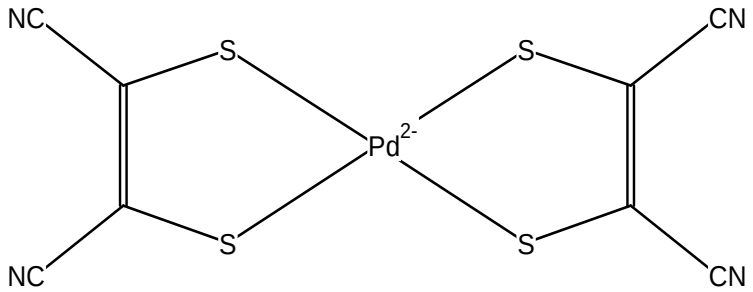
Formula: $C_8 N_4 Pd_1 S_4^{2-}, C_{12} H_{14} N_2^{2+}$

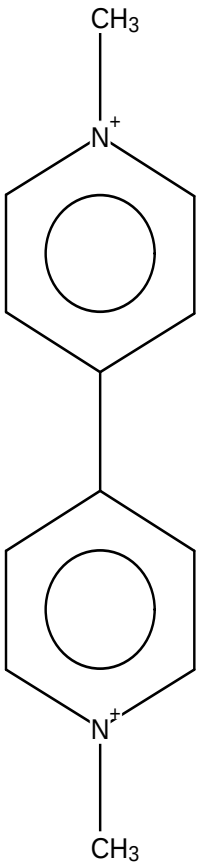
Compound Name: (N,N'-Dimethyl-4,4'-bipyridinium) bis(cis-1,2-dicyanoethene-1,2-dithiolato-S,S')-palladium(ii)

Synonym: (Methyl viologen) bis(cis-1,2-dicyanoethene-1,2-dithiolato-S,S')-palladium(ii)

Space Group:	P-1	***Cell:***	***a***	7.659(2)	***b***	11.158(2)	***c*** 6.559(2)
Space Group No.:	2	***(Å,°)***	α	96.58(2)	β	98.18(3)	γ 87.80(2)

R-Factor (%): 2.53 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.727





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2632

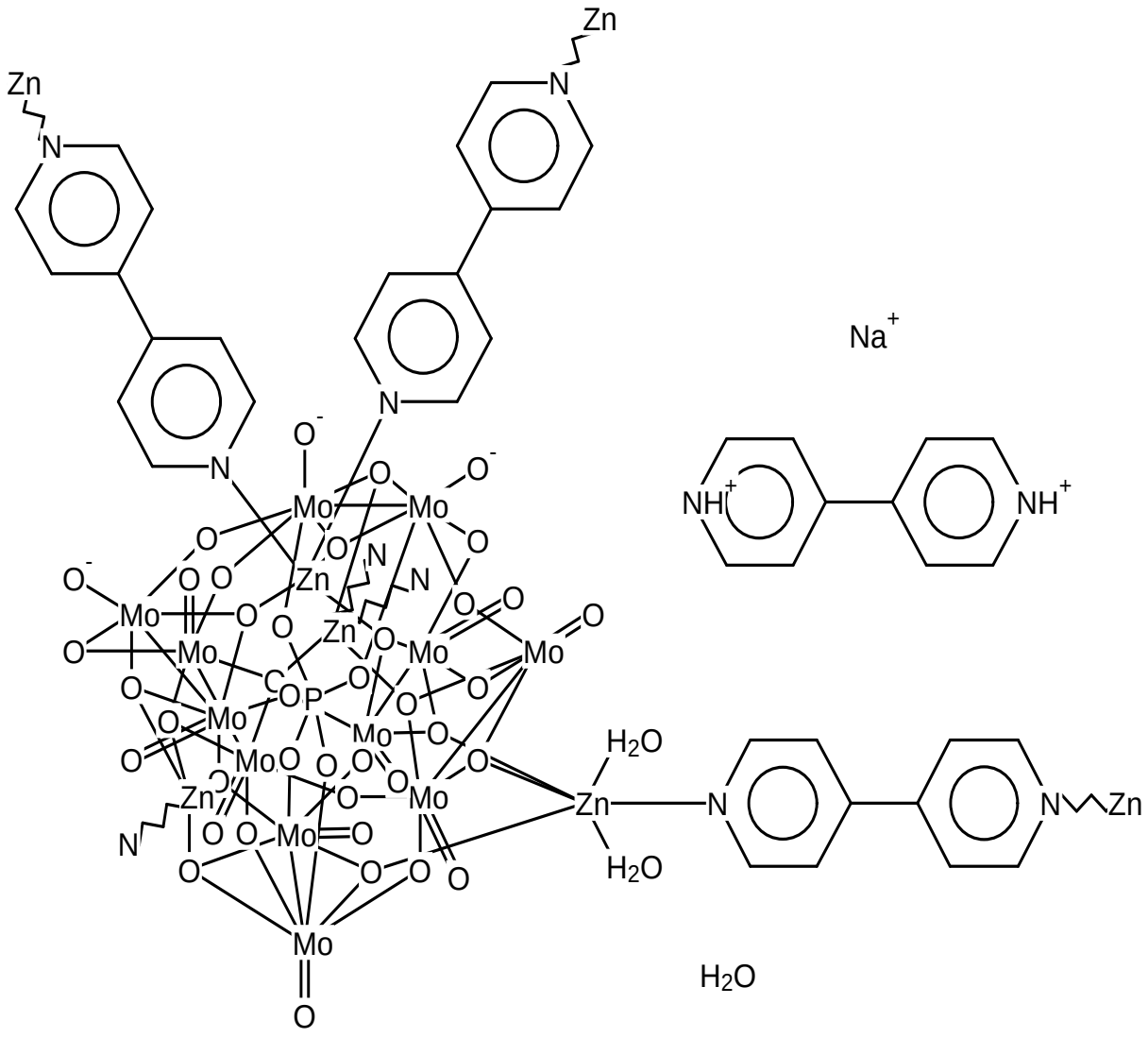
WASVAO

Reference: A.Dolbecq, C.Mellot-Draznieks, P.Mialane, J.Marrot, G.Ferey, F.Secheresse (2005) *Eur.J.Inorg.Chem.* ,3009

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Na_1\ ^{1+}),n(C_{30}\ H_{28}\ Mo_{12}\ N_6\ O_{42}\ P_1\ Zn_4\ ^{3-}),10n(H_2\ O_1)$

Compound Name: catena-(Sodium 4,4'-bipyridinium (μ_4-phosphato)-dodecakis(μ_3-oxo)-tris(μ_2-4,4'-bipyridine)-dodecakis(μ_2-oxo)-diaqua-dodecaoxa-dodeca-molybdenum-tetra-zinc decahydrate)

Space Group:	P21/m	***Cell:***	***a***	11.669(0)	***b*** 17.759(0)	***c***	17.203(0)
Space Group No.:	11	***(Å,°)***	α	90.00	β 106.33(0)	γ	90.00
R-Factor (%):	8.15	***Temperature(K):***	293		***Density(g/cm^3):***		2.863



Search: search1 (Thu May 26 10:05:42 2011): Hit 2633

WASXUK

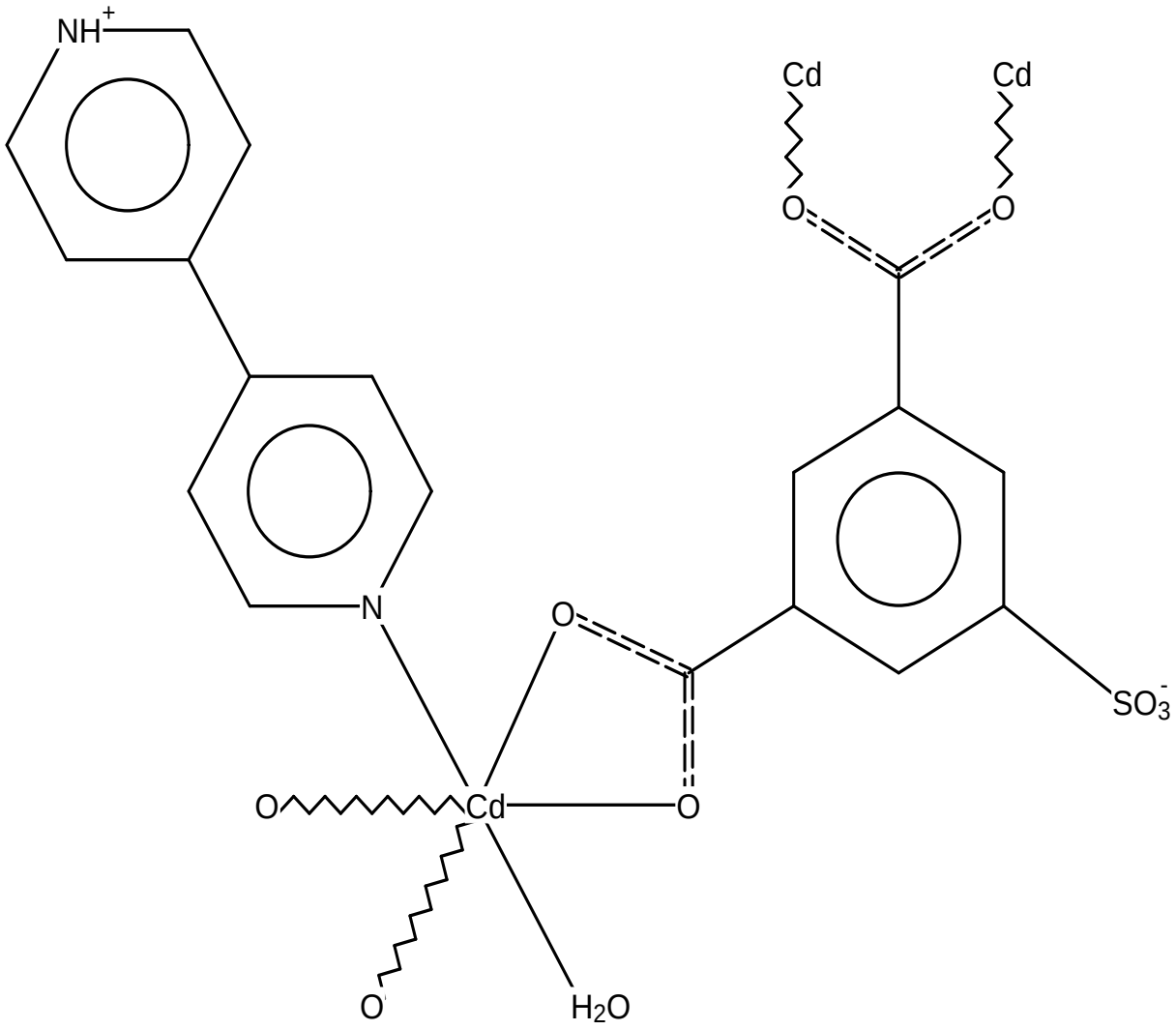
Reference: Xing Li, Rong Cao, Wenhua Bi, Daqiang Yuan, Daofeng Sun (2005) *Eur.J.Inorg.Chem.* ,3156

Formula: $(C_{18}\ H_{14}\ Cd_1\ N_2\ O_8\ S_1)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_3-5-Sulfoisophthalato)-aqua-(4,4'-bipyridinium)-cadmium(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	8.801(0)	***b***	9.214(0)	***c*** 13.989(1)
Space Group No.:	2	***(Å,°)***	α	97.42(0)	β	94.60(0)	γ 113.97

R-Factor (%): 3.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.851



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2634

WASYAR

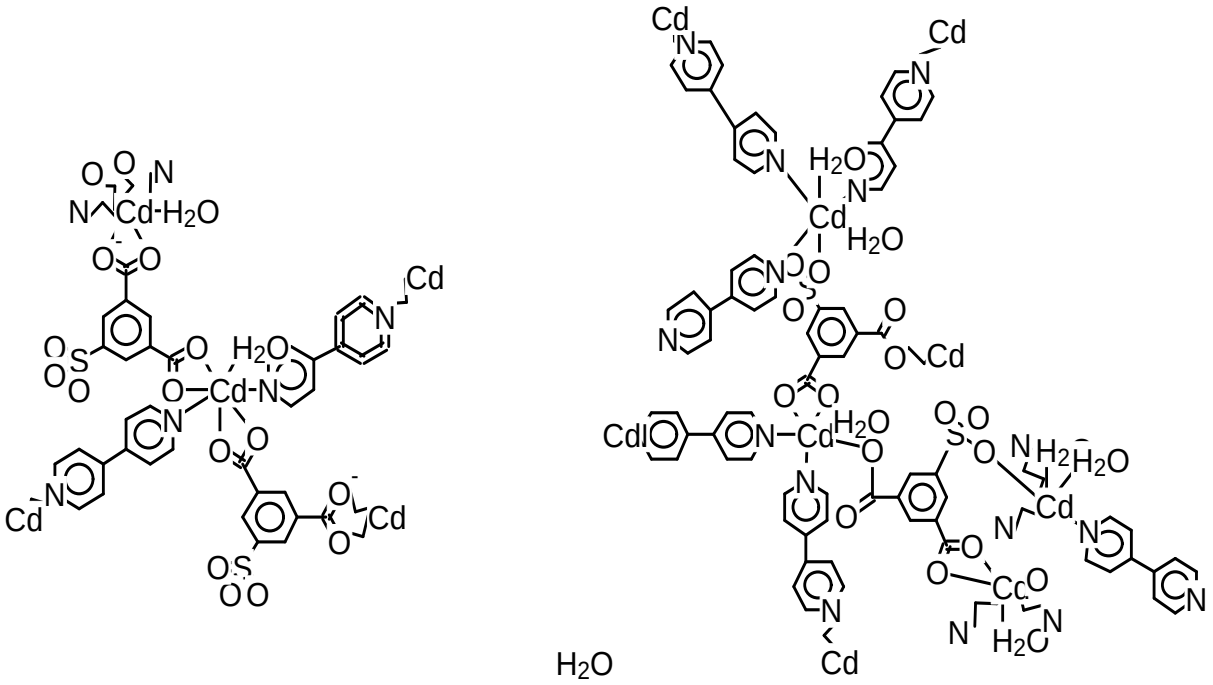
Reference: Xing Li, Rong Cao, Wenhua Bi, Daqiang Yuan, Daofeng Sun (2005) *Eur.J.Inorg.Chem.* ,3156

Formula: $(C_{76}\ H_{66}\ Cd_4\ N_{12}\ O_{20}\ S_2\ ^{2+})n,n(C_{36}\ H_{26}\ Cd_2\ N_4\ O_{16}\ S_2\ ^{2-}),16n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-Sulfoisophthalato)-tetrakis(μ_2-4,4'-bipyridyl)-hexaaqua-bis(4,4'-bipyridyl)-tetra-cadmium(ii) bis(μ_2-5-sulfoisophthalato)-bis(μ_2-4,4'-bipyridyl)-diaqua-di-cadmium(ii) hexadecahydrate)

Space Group:	P-1	***Cell:***	***a***	10.240(50)	***b***	17.970(100)	***c***	18.740(120)
Space Group No.:	2	***(Å,°)***	α	77.71(13)	β	87.30(20)	γ	77.40(20)

R-Factor (%): 3.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.681



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2635

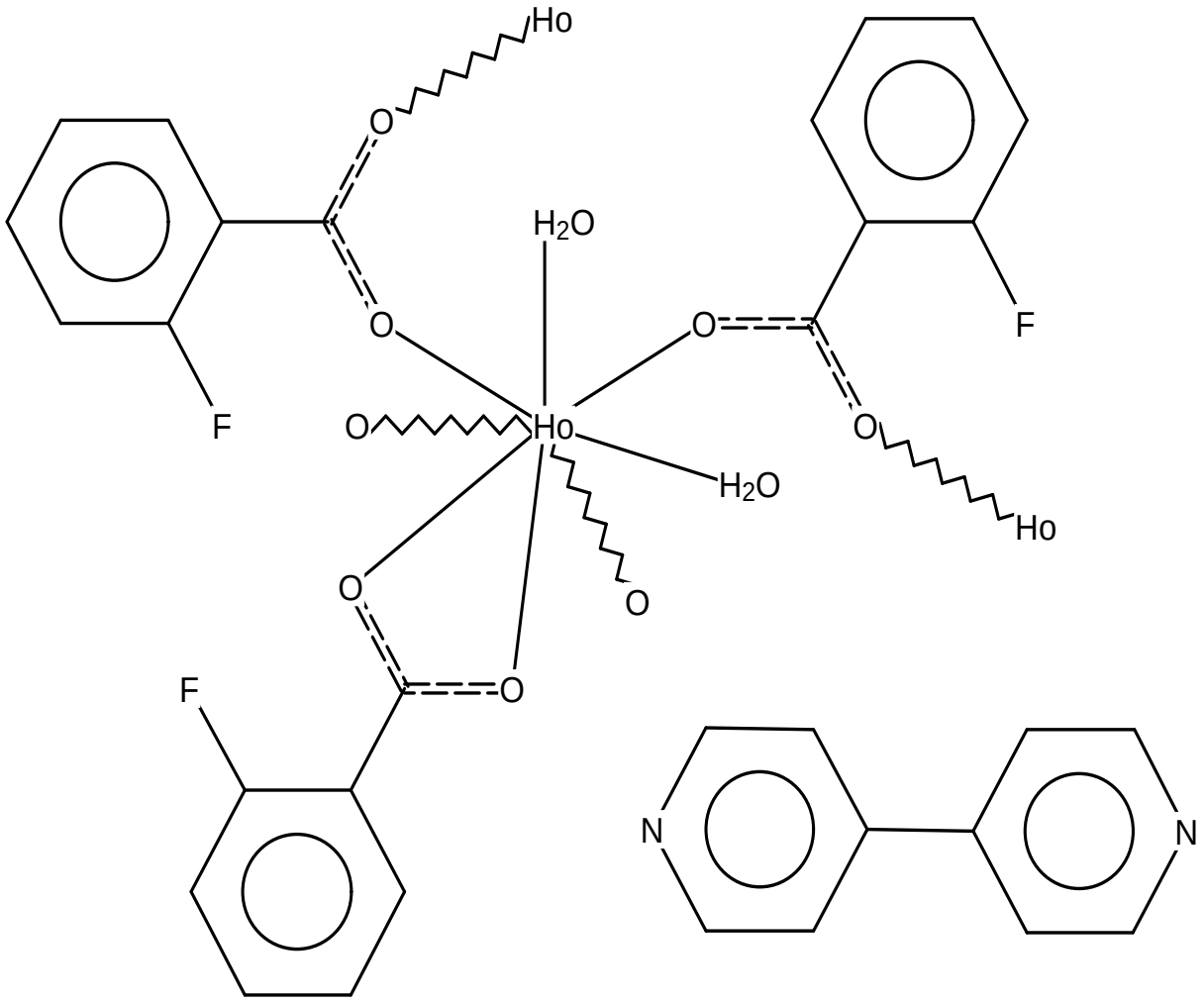
WATDAX

Reference: Xia Li, Zhuo-Yong Zhang, Hai-Bin Song (2005)
*J.Mol.Struct. ,***751,**33

Formula: $(C_{21}\ H_{16}\ F_3\ Ho_1\ O_8)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-2-Fluorobenzoato-O,O')-(2-fluorobenzoato-O,O')-diaqua-holmium(iii) 4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	9.762(3)	***b*** 26.132(8)	***c***	13.058(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 111.30(0)	γ	90.00
R-Factor (%):	3.80	***Temperature(K):***	293		***Density(g/cm^3):***		1.657



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2636

WATHUV

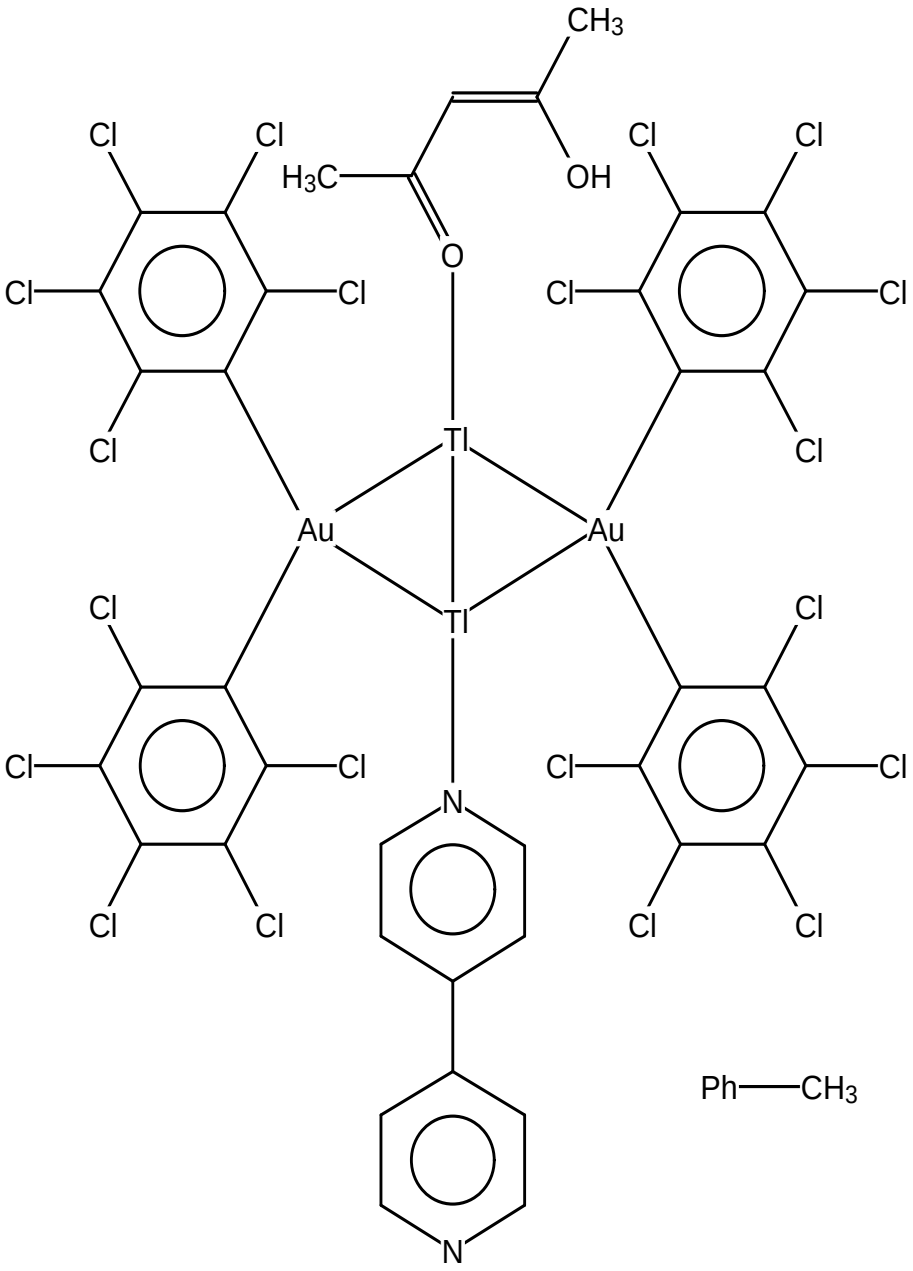
Reference: E.J.Fernandez, J.M.Lopez-de-Luzuriaga, M.E.Olmos, J.Perez, A.Laguna, M.C.Lagunas (2005) *Inorg.Chem. ,***44,**6012

Formula: $C_{39}\ H_{16}\ Au_2\ Cl_{20}\ N_2\ O_2\ Tl_2, C_7\ H_8$

Compound Name: (Acetylacetone-O)-(4,4'-bipyridine-N)-tetrakis(pentachlorophenyl)-di-gold(i)-di-thallium(i) toluene solvate

Space Group:	P-1	***Cell:***	***a***	11.407(0)	***b*** 14.378(0)	***c***	17.874(0)
Space Group No.:	2	***(Å,°)***	α	97.35(0)	β 103.26(0)	γ	96.42(0)

R-Factor (%): 3.09 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.549



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2637

WAWJIO

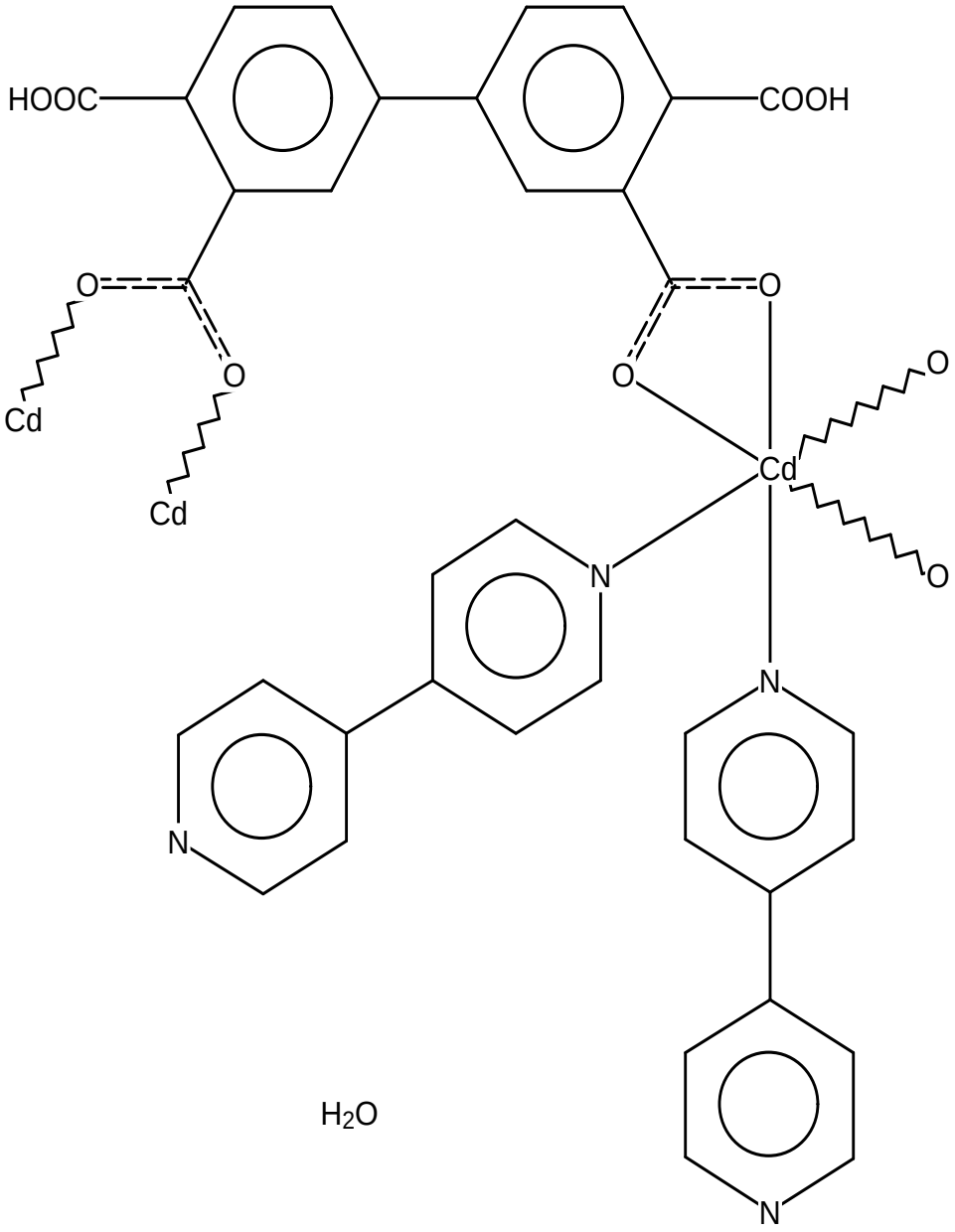
Reference: Xiang-Rong Hao, Zhong-Min Su, Ya-Hui Zhao, Kui-Zhan Shao, Yong Wang (2005) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **61,**m469

Formula: $(C_{36}\ H_{24}\ Cd_1\ N_4\ O_8)n,0.35n(H_2\ O_1)$

Compound Name: catena-[(μ_3-4,4'-Dicarboxybiphenyl-3,3'-dicarboxylato)-bis(4,4'-bipyridine)-cadmium(ii) hydrate]

Space Group:	P21/c	***Cell:***	***a***	12.101(5)	***b*** 24.379(5)	***c***	10.679(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.41(0)	γ	90.00

R-Factor (%): 4.82 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.661



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2638

WEDFAN

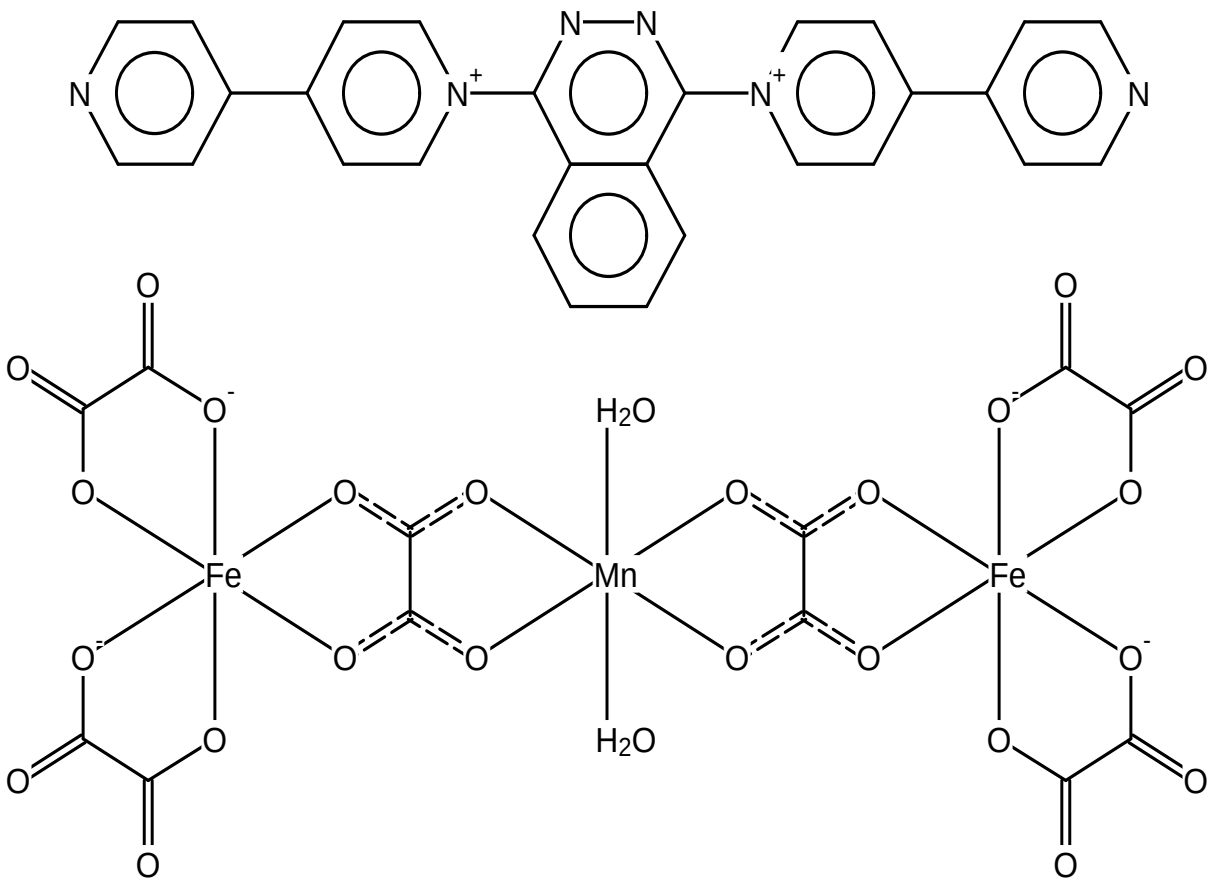
Reference: Yan-Qiong Sun, Jie Zhang, Guo-Yu Yang (2006)
Dalton Trans. ,1685

Formula: $2(C_{28}\ H_{20}\ N_6\ ^{2+}),C_{12}\ H_4\ Fe_2\ Mn_1\ O_{26}\ ^{4-},_{1}2.5(H_2\ O_1)$

Compound Name: bis(1,4-bis(4'-Pyridyl-1-pyridinio)phthalazine) bis(μ_2-oxalato)-diaqua-tetrakis(oxalato)-di-iron(iii)-manganese(ii) hydrate

Space Group:	P21	***Cell:***	***a***	11.988(0)	***b***	20.437(0)	***c*** 15.942(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	99.37(0)	γ 90.00

R-Factor (%): 3.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.583


N
N
+
N
N
N
+
N
O
O
O
-
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2639

WEDFER

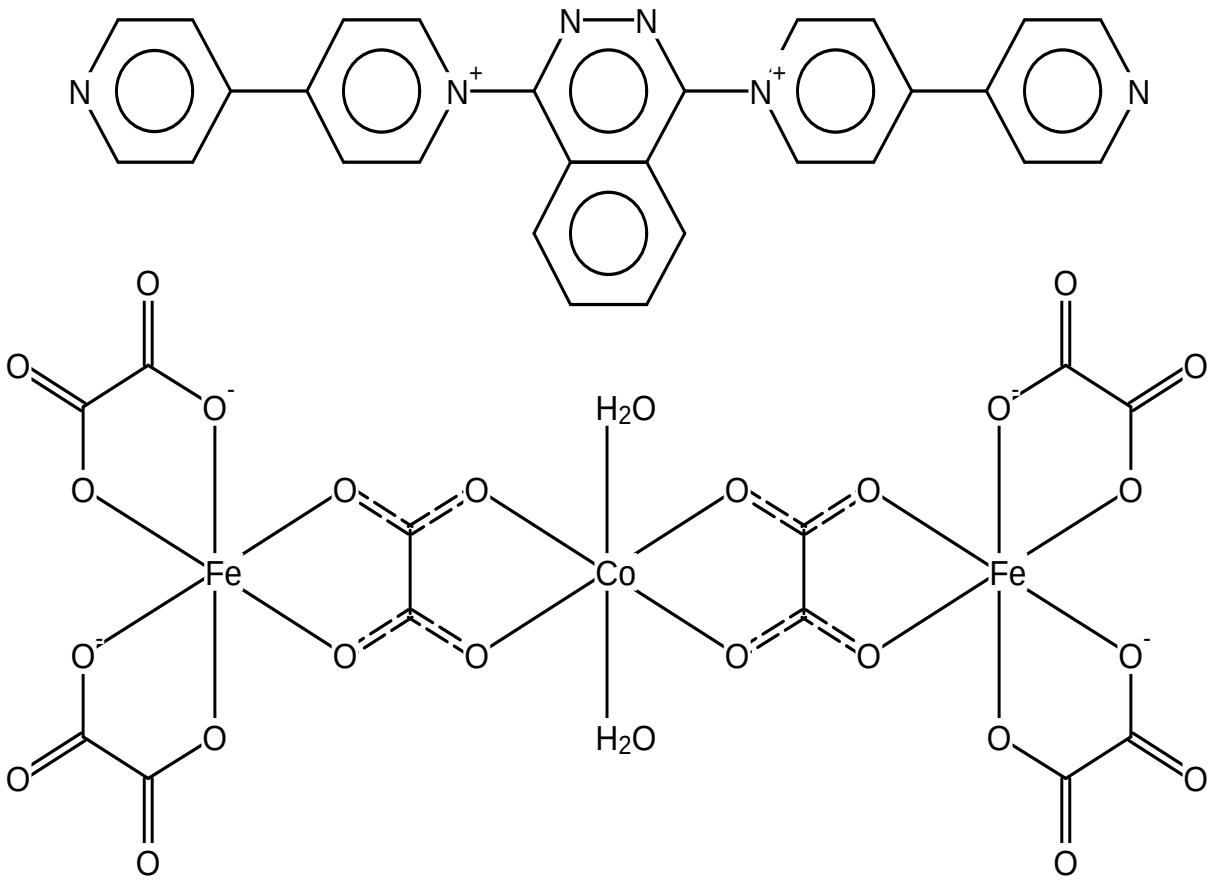
Reference: Yan-Qiong Sun, Jie Zhang, Guo-Yu Yang (2006)
Dalton Trans. ,1685

Formula: $2(C_{28}\ H_{20}\ N_6\ ^{2+}),C_{12}\ H_4\ Co_1\ Fe_2\ O_{26}\ ^{4-},12.5(H_2\ O_1)$

Compound Name: bis(1,4-bis(4'-Pyridyl-1-pyridinio)phthalazine) bis(μ_2-oxalato)-diaqua-tetrakis(oxalato)-di-iron(iii)-cobalt(ii) hydrate

Space Group:	P21	***Cell:***	***a***	11.984(0)	***b***	20.379(0)	***c*** 15.871(0)
Space Group No.:	4	***(Å,°)***	α	90.00	β	99.33(0)	γ 90.00

R-Factor (%): 4.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.599


N
N
+
N
N
N
+
N
O
O
O
-
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2640

WEDFIV

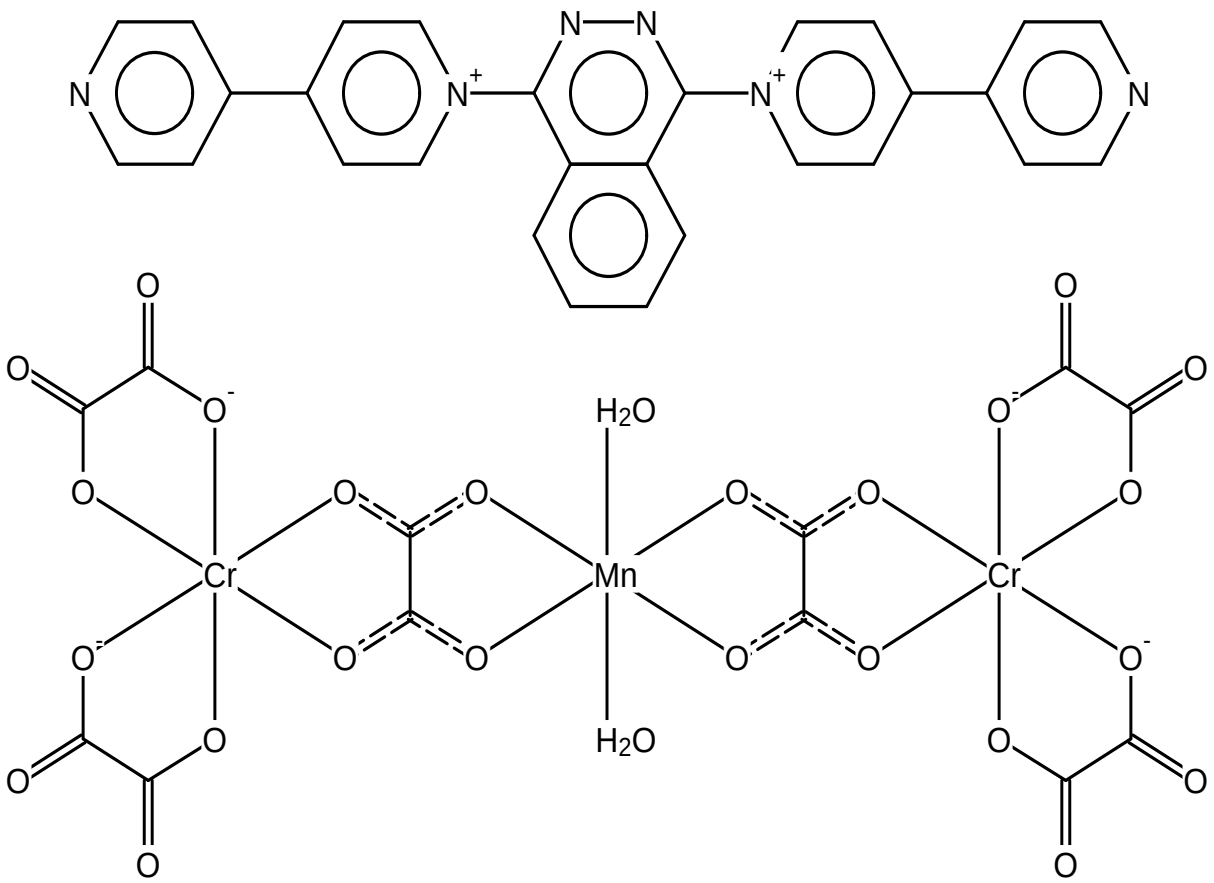
Reference: Yan-Qiong Sun, Jie Zhang, Guo-Yu Yang (2006)
Dalton Trans. ,1685

Formula: $2(C_{28}\ H_{20}\ N_6\ ^{2+}),C_{12}\ H_4\ Cr_2\ Mn_1\ O_{26}\ ^{4-},_{1}2.5(H_2\ O_1)$

Compound Name: bis(1,4-bis(4'-Pyridyl-1-pyridinio)phthalazine) bis(μ_2-oxalato)-diaqua-tetrakis(oxalato)-di-chromium(iii)-manganese(ii) hydrate

Space Group:	P21	***Cell:***	***a***	12.059(3)	***b***	20.686(5)	***c*** 16.154(4)
Space Group No.:	4	***(Å,°)***	α	90.00	β	98.54(0)	γ 90.00

R-Factor (%): 10.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.525


N
N
+
N
N
N
+
N
O
O
O
-
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2641

WEDFOB

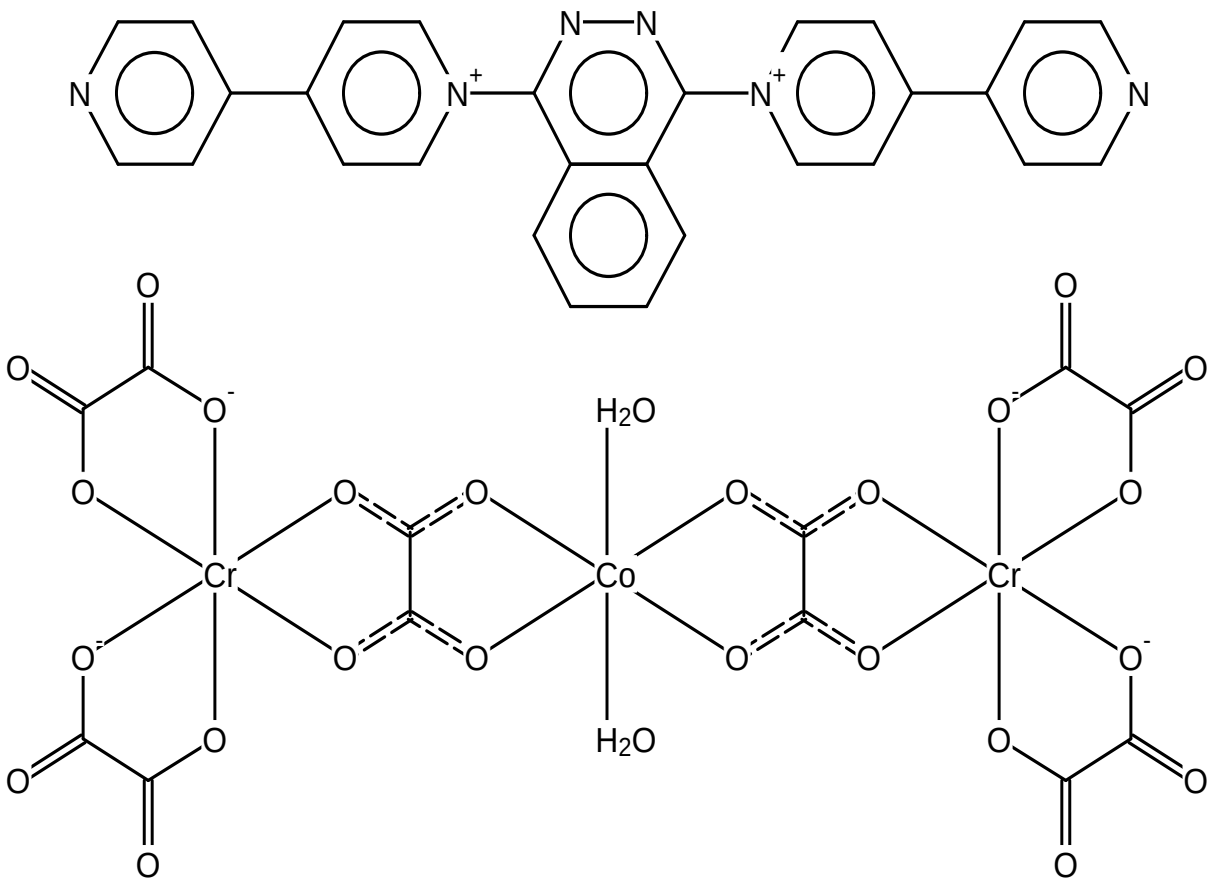
Reference: Yan-Qiong Sun, Jie Zhang, Guo-Yu Yang (2006)
Dalton Trans. ,1685

Formula: $2(C_{28}\ H_{20}\ N_6\ ^{2+}),C_{12}\ H_4\ Co_1\ Cr_2\ O_{26}\ ^{4-},{}_12.5(H_2\ O_1)$

Compound Name: bis(1,4-bis(4'-Pyridyl-1-pyridinio)phthalazine) bis(μ_2-oxalato)-diaqua-tetrakis(oxalato)-di-chromium(iii)-cobalt(ii) hydrate

Space Group:	P21	***Cell:***	***a***	12.001(1)	***b***	20.497(1)	***c*** 16.031(1)
Space Group No.:	4	***(Å,°)***	α	90.00	β	98.61(0)	γ 90.00

R-Factor (%): 7.12 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.562



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2642

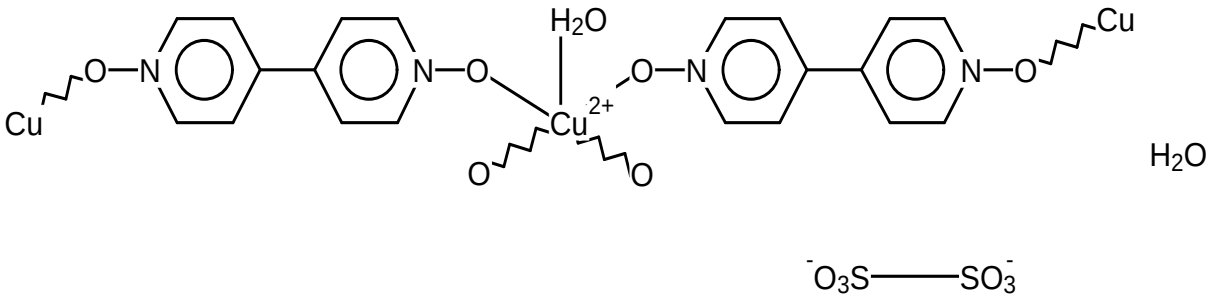
WEHPEF

Reference: D.G.Mantero, A.Neels, H.Stoeckli-Evans (2006)
*Inorg.Chem. ,***45,**3287

Formula: $(C_{20}\ H_{18}\ Cu_1\ N_4\ O_5\ ^{2+})n,n(H_2\ O_1),n(O_6\ S_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-aqua-copper(ii) dithionate monohydrate)

Space Group:	P2/n	***Cell:***	***a***	9.772(0)	***b***	9.838(0)	***c*** 11.991(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.77(0)	γ 90.00
R-Factor (%):	2.71	***Temperature(K):***	173		***Density(g/cm^3):***		1.833



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2643

WEHPIJ

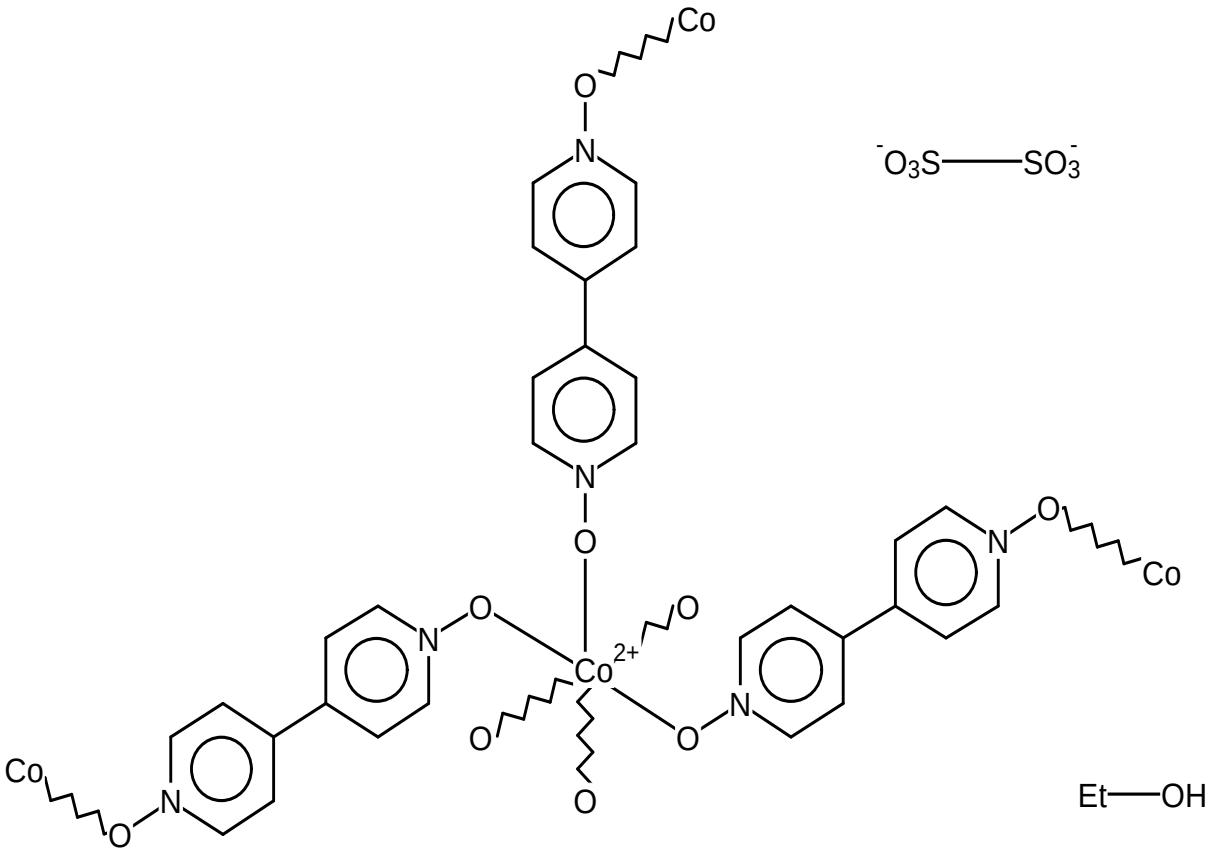
Reference: D.G.Mantero, A.Neels, H.Stoeckli-Evans (2006)
*Inorg.Chem. ,***45,**3287

Formula: $(C_{30}\ H_{24}\ Co_1\ N_6\ O_6\ ^{2+})n,n(O_6\ S_2\ ^{2-}),7n(C_2\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-cobalt(ii) dithionate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	20.681(4)	***b*** 14.135(1)	***c***	19.564(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.48(1)	γ	90.00

R-Factor (%): 5.61 ***Temperature(K):*** 253 ***Density(g/cm^3):*** 1.347



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2644

WEHPOP

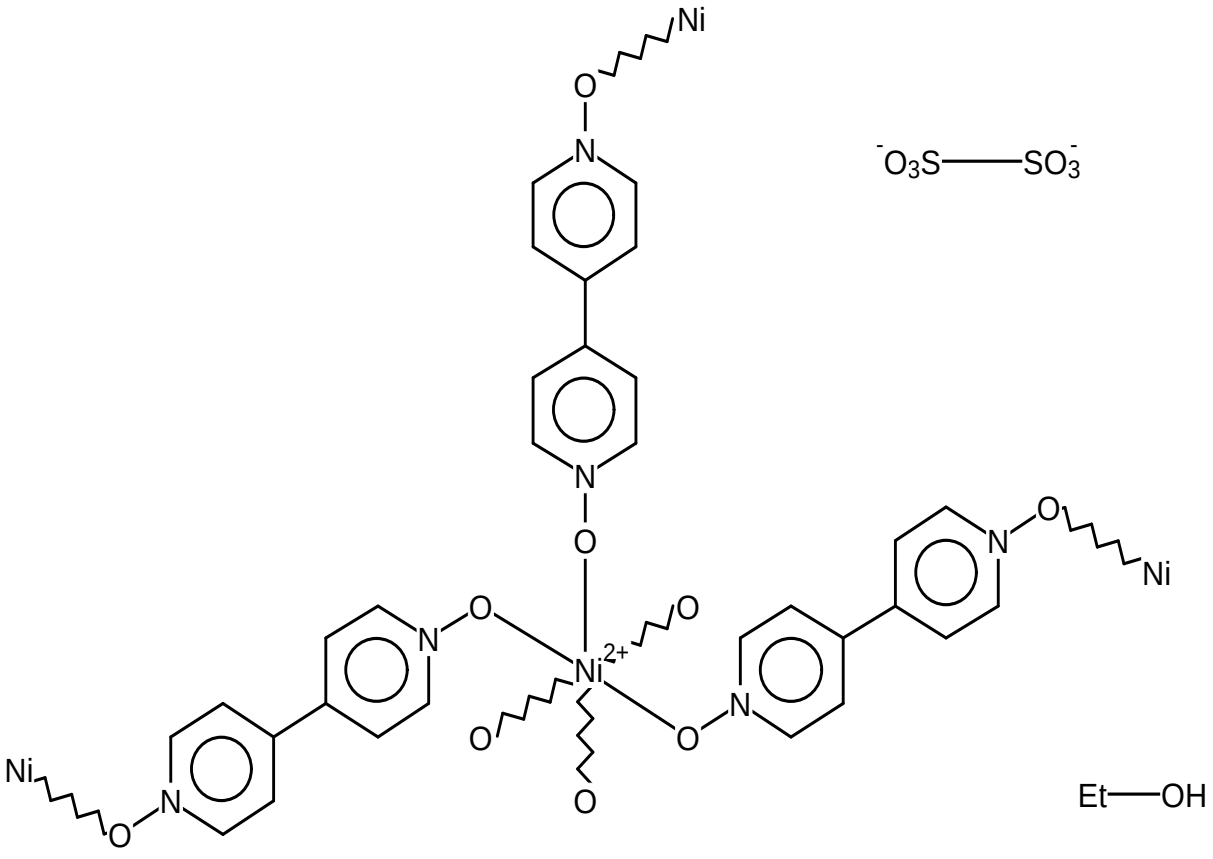
Reference: D.G.Mantero, A.Neels, H.Stoeckli-Evans (2006)
*Inorg.Chem. ,***45,**3287

Formula: $(C_{30}\ H_{24}\ N_6\ Ni_1\ O_6\ ^{2+})n,n(O_6\ S_2\ ^{2-}),7n(C_2\ H_6\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine-N,N'-dioxide-O,O')-nickel(ii) dithionate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	20.828(5)	***b*** 13.499(4)	***c***	20.020(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.18(1)	γ	90.00

R-Factor (%): 14.96 ***Temperature(K):*** 253 ***Density(g/cm^3):*** 1.359



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2645

WEHPUV

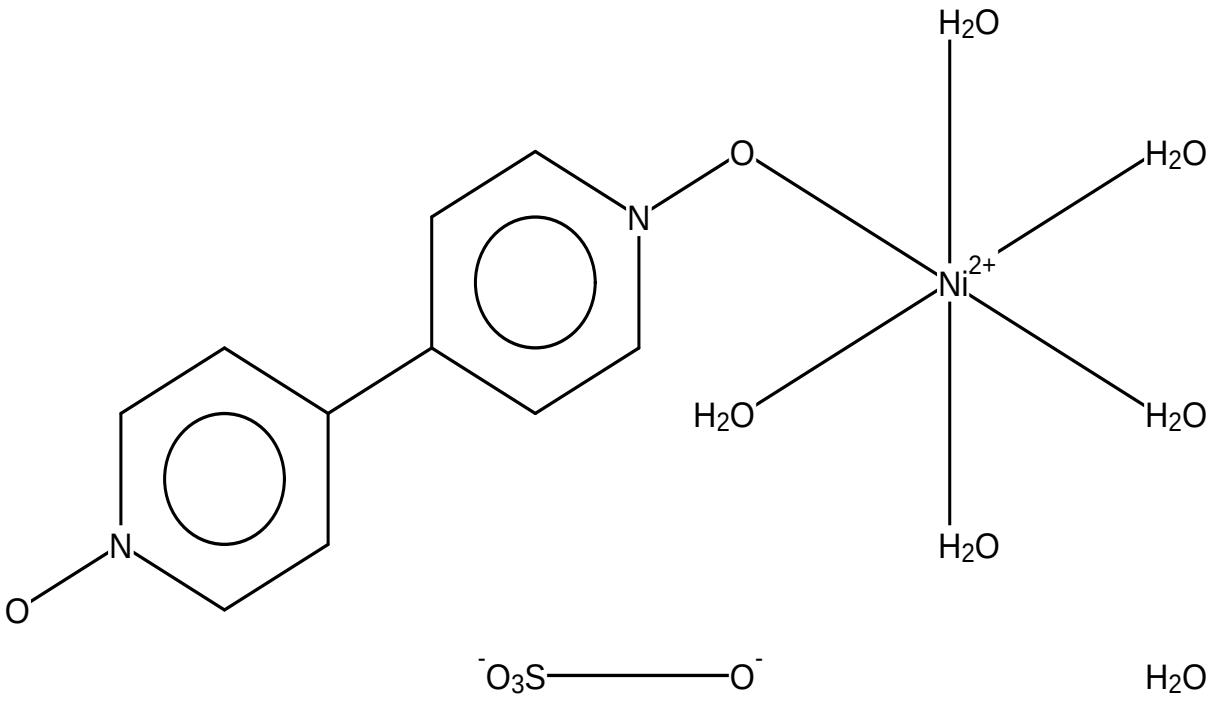
Reference: D.G.Mantero, A.Neels, H.Stoeckli-Evans (2006)
*Inorg.Chem. ,***45,**3287

Formula: $C_{10}\ H_{18}\ N_2\ Ni_1\ O_7^{2+},O_4\ S_1^{2-},2(H_2\ O_1)$

Compound Name: penta-aqua-(4,4'-bipyridine-N,N'-dioxide-O)-nickel(ii) sulfate dihydrate

Space Group:	P21/n	***Cell:***	***a***	7.138(0)	***b***	25.244(3)	***c***	10.211(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.17(0)	γ	90.00

R-Factor (%):	3.14	***Temperature(K):***	253	***Density(g/cm^3):***	1.695



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2646

WEJXOY

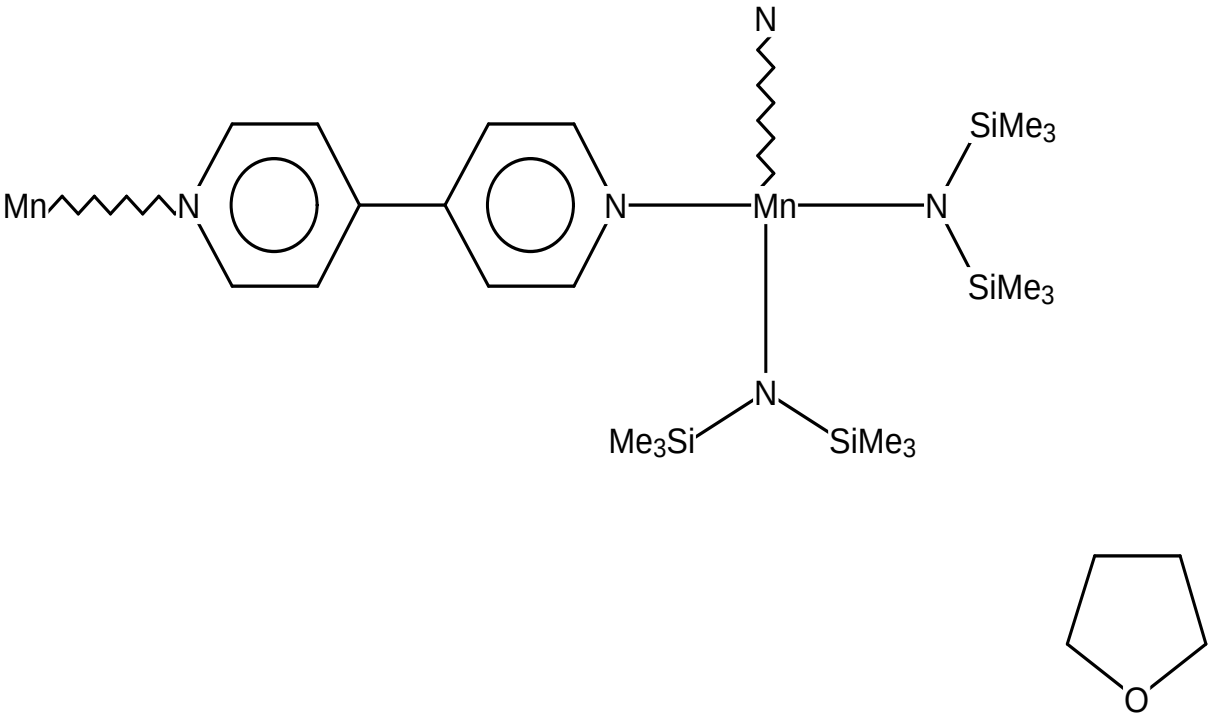
Reference: M.Andruh, H.W.Roesky, M.Noltemeyer, H.-G.Schmidt (1994) *Z.Naturforsch.,B:Chem.Sci.* ,**49,**31

Formula: $(C_{22}\ H_{44}\ Mn_1\ N_4\ Si_4)n,n(C_4\ H_8\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(bis(trimethylsilyl)amido)-manganese(ii) tetrahydrofuran solvate)

Space Group:	P21/c	***Cell:***	***a***	21.395(3)	***b*** 9.253(1)	***c***	17.864(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.34(1)	γ	90.00

R-Factor (%): 4.70 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.157



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2647

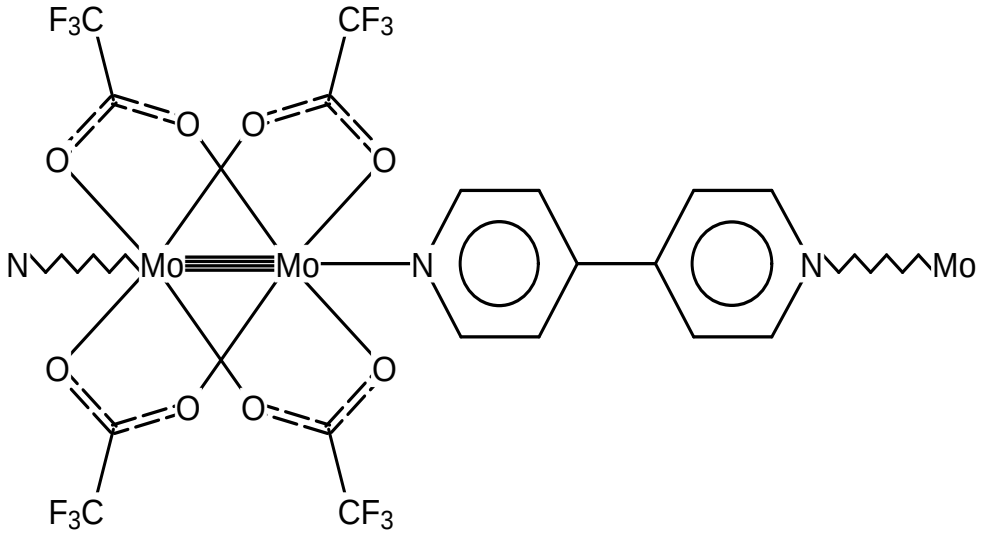
WEJZIU

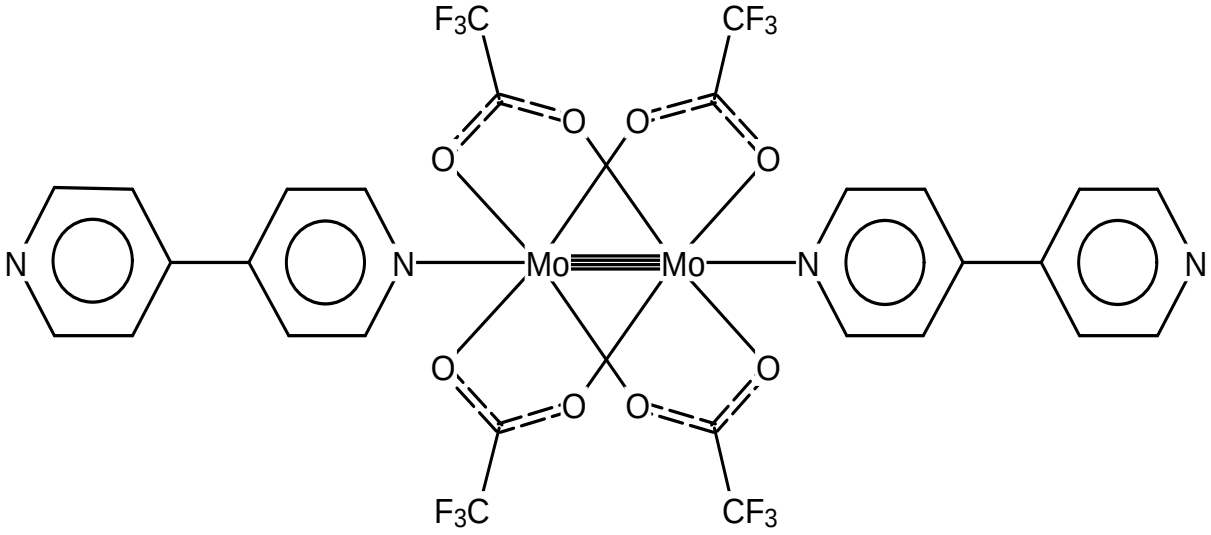
Reference: M.Handa, K.Yamada, T.Nakao, K.Kasuga, M.Mikuriya, T.Kotera (1993) *Chem.Lett.* ,1969

Formula: $(C_{18}H_8F_{12}Mo_2N_2O_8)n,0.5n(C_{28}H_{16}F_{12}Mo_2N_4O_8)$

Compound Name: catena-(bis((tetrakis(μ_2-Trifluoroacetato-O,O')-(μ_2-4,4'-bipyridyl-N,N')-di-molybdenum)) tetrakis(μ_2-trifluoroacetato-O,O')-bis(4,4-bipyridyl-N)-di-molybdenum)

Space Group:	P-1	***Cell:***	***a***	12.452(4)	***b***	19.735(8)	***c***	8.818(3)
Space Group No.:	2	***(Å,°)***	α	91.31(3)	β	97.54(3)	γ	89.17(3)
R-Factor (%):	6.50	***Temperature(K):***	295	***Density(g/cm^3):***	1.977			





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2648

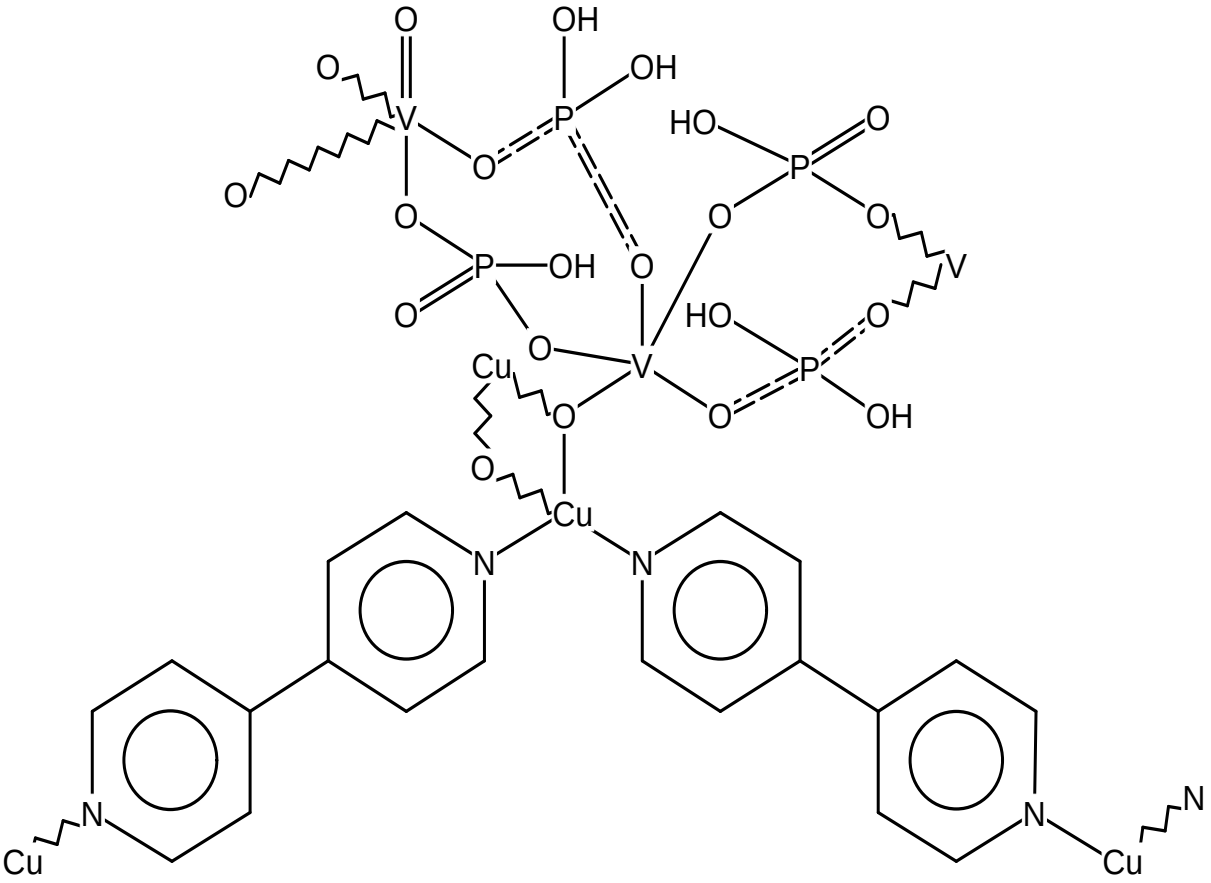
WENCEY

Reference: Yanjie Cui, Meng He, Liu Li, Guanghua Li, Chao Chen, Zhuo Yi, Wenqin Pang (2006) *Solid State Sciences* ,**8,**1108

Formula: $(C_{20}\ H_{22}\ Cu_2\ N_4\ O_{18}\ P_4\ V_2)n$

Compound Name: catena-((μ_3-oxo)-bis(μ_2-4,4'-bipyridine)-bis(μ_2-dihydrogen phosphato)-bis(hydrogen phosphato)-oxo-di-copper(i)-di-vanadium(iv))

Space Group:	P-1	***Cell:***	***a***	9.519(0)	***b***	12.922(0)	***c*** 13.143(0)
Space Group No.:	2	***(Å,°)***	α	98.72(0)	β	97.93(0)	γ 104.12(0)
R-Factor (%):	3.97	***Temperature(K):***	293		***Density(g/cm^3):***		2.091



Search: search1 (Thu May 26 10:05:42 2011): Hit 2649

WENTIT

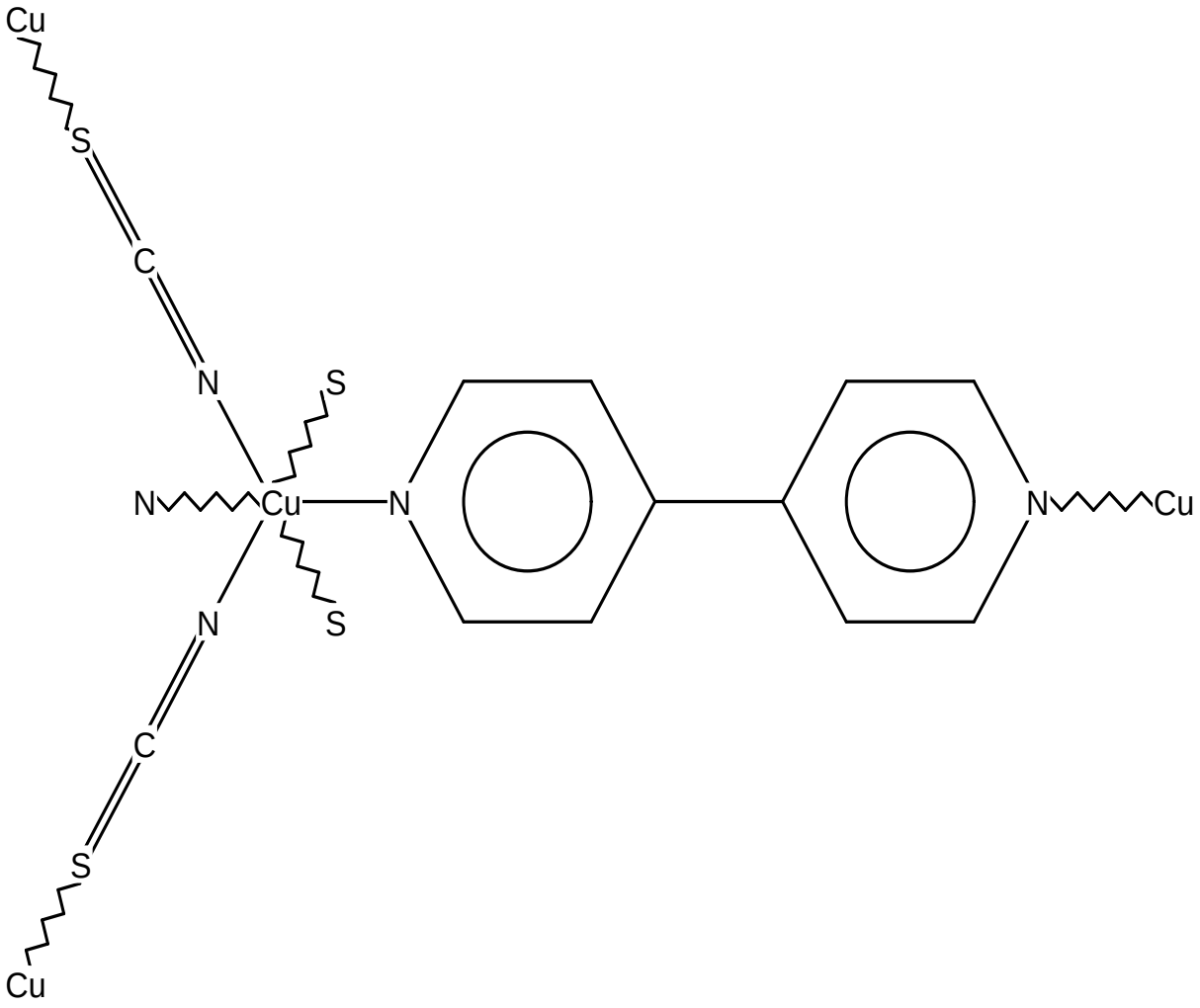
Reference: Wang-Xi Luo, Ming-Ming Yu, Lei Zheng, Ai-Li Cui, Hui-Zhong Kou (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**62,** m2532

Formula: $(C_{12}\ H_8\ Cu_1\ N_4\ S_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-thiocyanato)-copper(ii)]

Space Group:	Pcca	***Cell:***	***a***	10.879(2)	***b***	5.707(1)	***c***	22.336(5)
Space Group No.:	54	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.60 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.609



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2650

WEQRAM

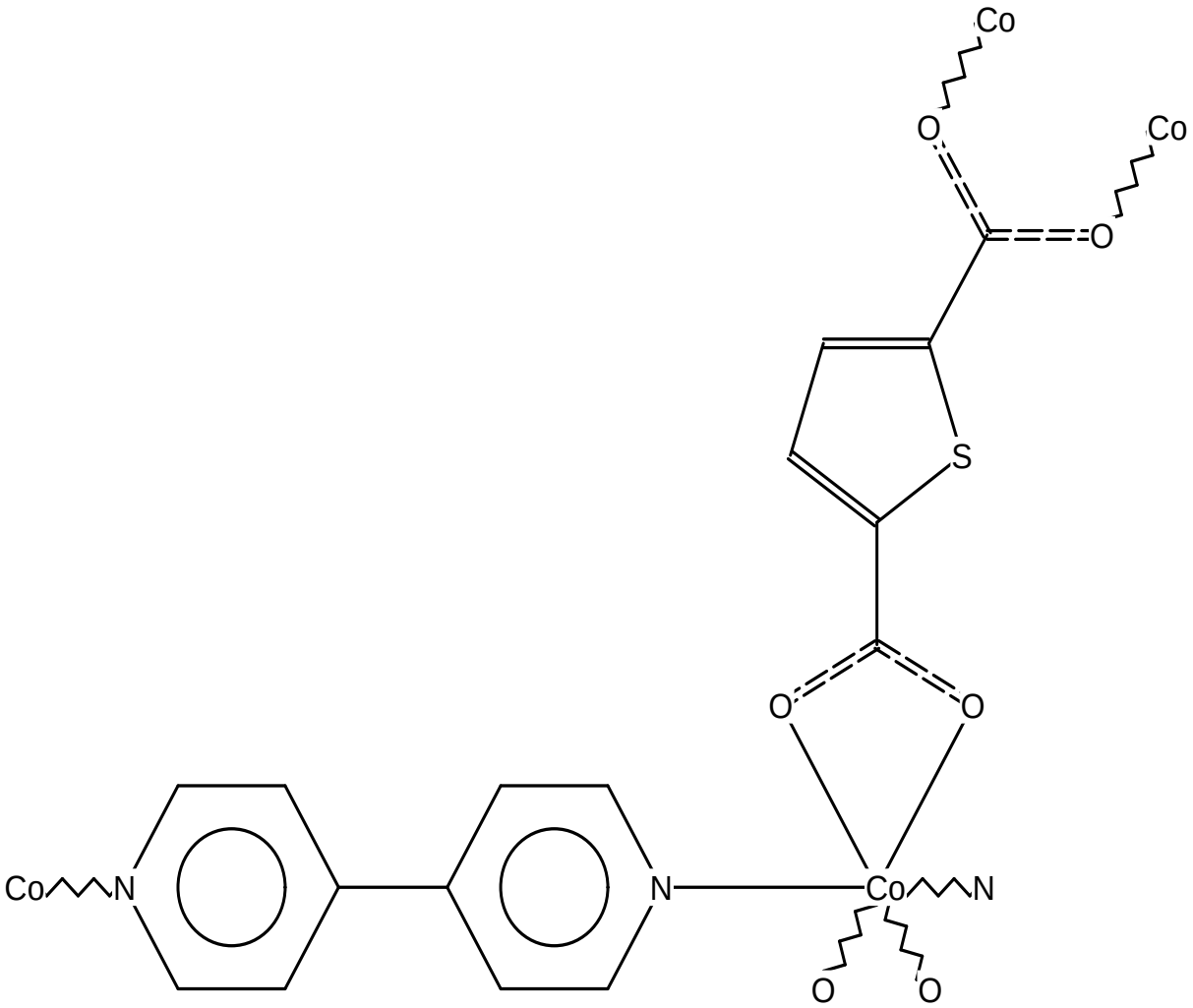
Reference: Hong-Peng Jia, Wei Li, Zhan-Feng Ju, Jie Zhang (2006)
Eur.J.Inorg.Chem. ,4264

Formula: $(C_{16}\ H_{10}\ Co_1\ N_2\ O_4\ S_1)n$

Compound Name: catena-((μ_3-Thiophene-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-cobalt(ii))

Space Group:	Pccn	***Cell:***	***a***	17.946(0)	***b***	11.401(0)	***c***	16.239(0)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.56 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.540



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2651

WEQREQ

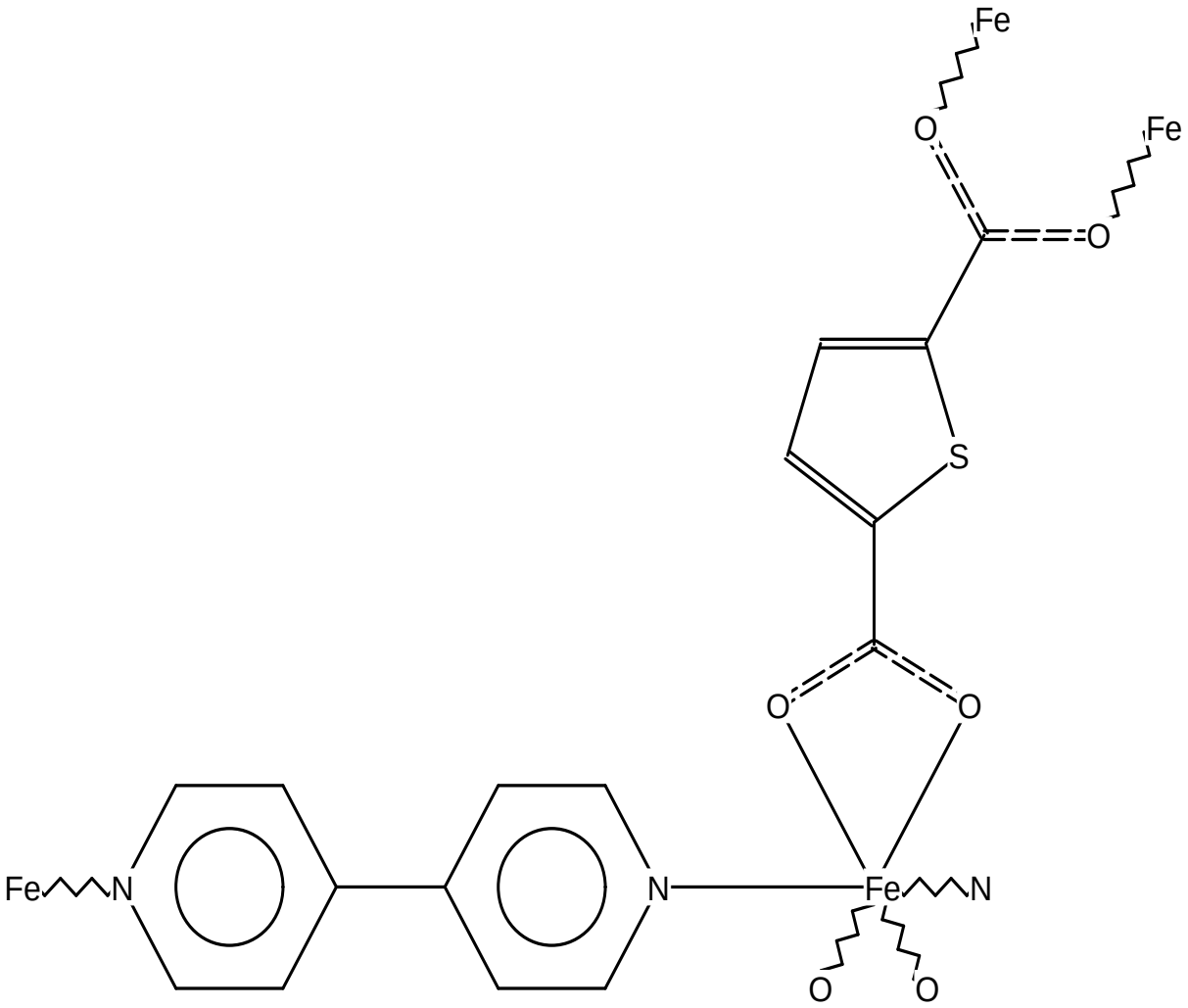
Reference: Hong-Peng Jia, Wei Li, Zhan-Feng Ju, Jie Zhang (2006)
Eur.J.Inorg.Chem. ,4264

Formula: $(C_{16}\ H_{10}\ Fe_1\ N_2\ O_4\ S_1)n$

Compound Name: catena-((μ_3-Thiophene-2,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-iron(ii))

Space Group:	Pccn	***Cell:***	***a***	18.263(1)	***b***	11.491(0)	***c***	16.052(1)
Space Group No.:	56	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.507



Search: search1 (Thu May 26 10:05:42 2011): Hit 2652

WEQVEU

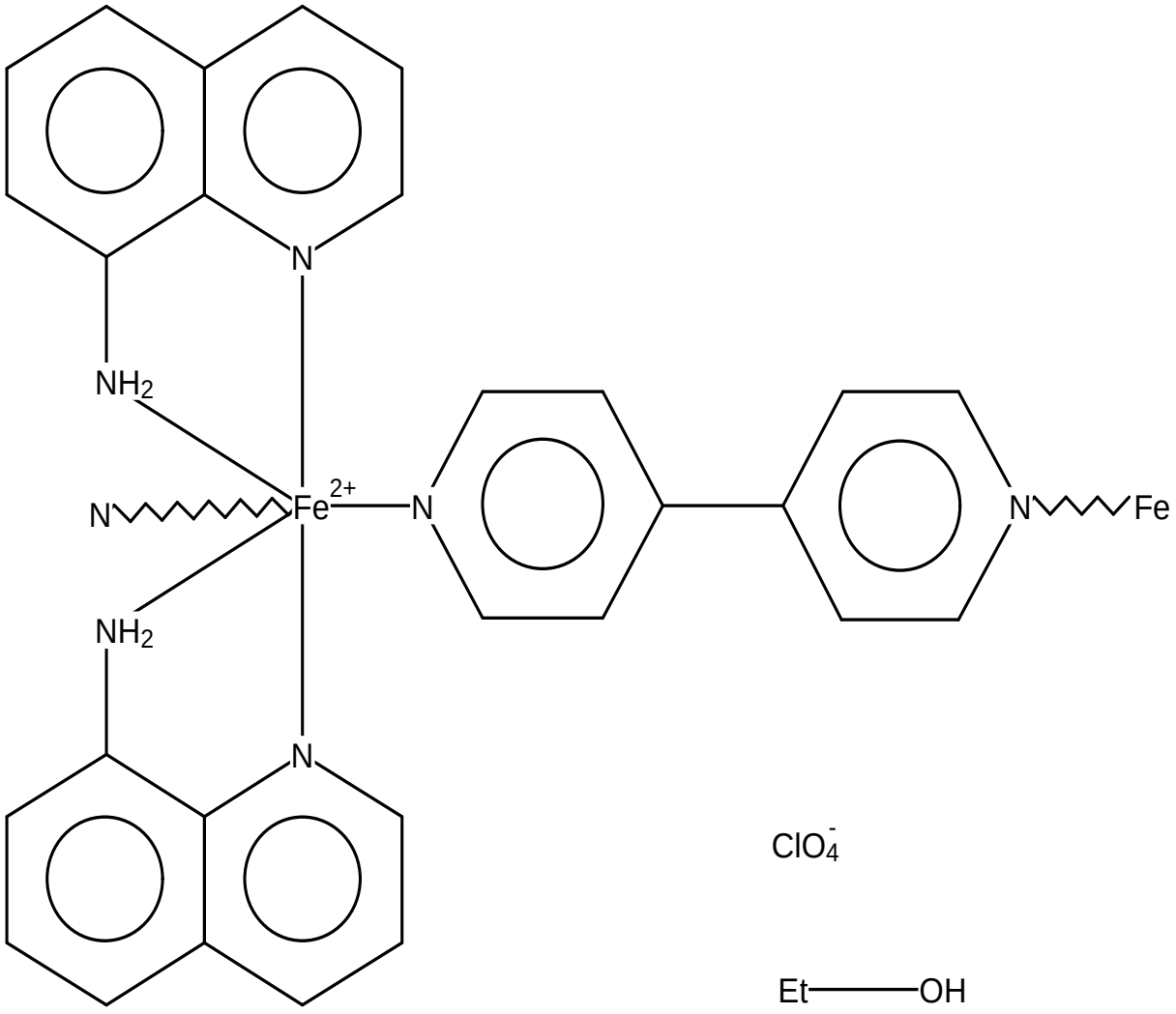
Reference: C.Genre, G.S.Matouzenko, E.Jeanneau, D.Luneau (2006) *New J.Chem. ,***30,**1669

Formula: $(C_{28}\ H_{24}\ Fe_1\ N_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(8-aminoquinoline)-iron(ii) diperchlorate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	25.192(5)	***b*** 11.485(5)	***c***	18.005(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 133.65(0)	γ	90.00

R-Factor (%): 13.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.395



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2653

WEQVEU01

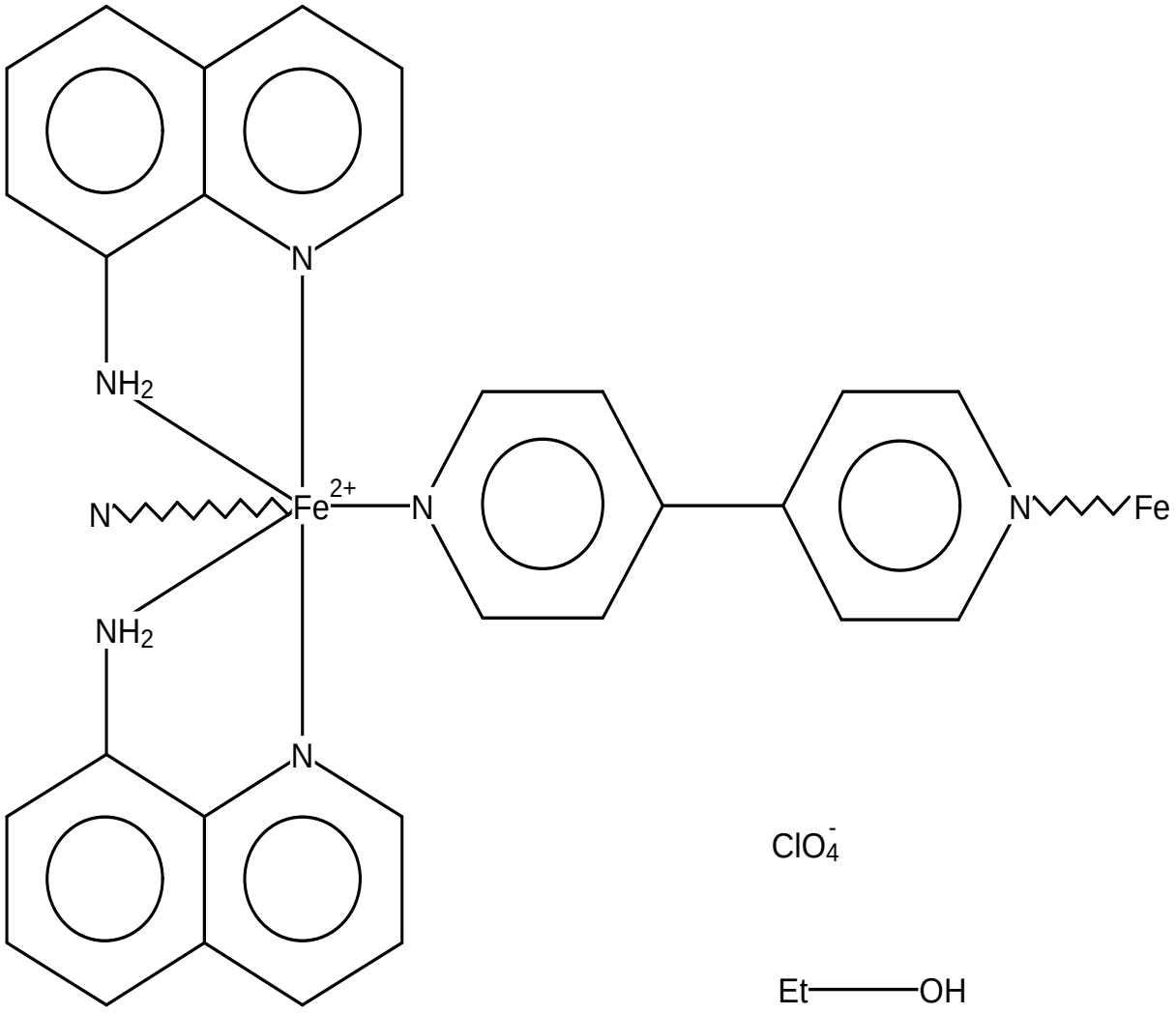
Reference: C.Genre, G.S.Matouzenko, E.Jeanneau, D.Luneau (2006) *New J.Chem. ,***30,**1669

Formula: $(C_{28}\ H_{24}\ Fe_1\ N_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_2\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(8-aminoquinoline)-iron(ii) diperchlorate ethanol solvate)

Space Group:	C2/c	***Cell:***	***a***	24.531(5)	***b*** 11.147(5)	***c***	17.686(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 133.31(0)	γ	90.00

R-Factor (%): 12.75 ***Temperature(K):*** 80 ***Density(g/cm^3):*** 1.494



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2654

WEQZIB

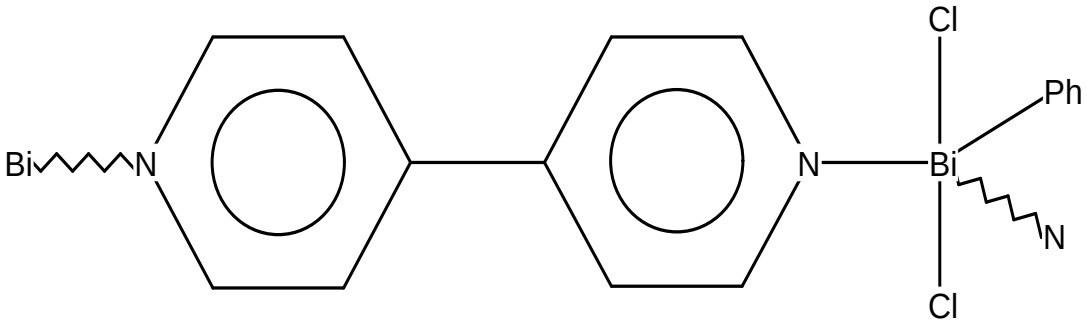
Reference: S.C.James, N.C.Norman, A.G.Orpen, J.Starbuck (2000) *CrystEngComm* ,**2,**67

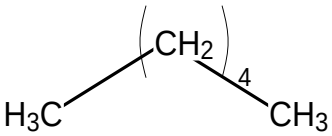
Formula: $(C_{16}\ H_{13}\ Bi_1\ Cl_2\ N_2)n,0.5n(C_6\ H_{14})$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-dichloro-phenyl-bismuth hexane solvate)

Space Group:	P-1	***Cell:***	***a***	9.438(1)	***b***	9.540(1)	***c*** 11.733(3)
Space Group No.:	2	***(Å,°)***	α	98.98(2)	β	108.26(1)	γ 100.46(1)

R-Factor (%): 4.07 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.923





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2655

WEQZOH

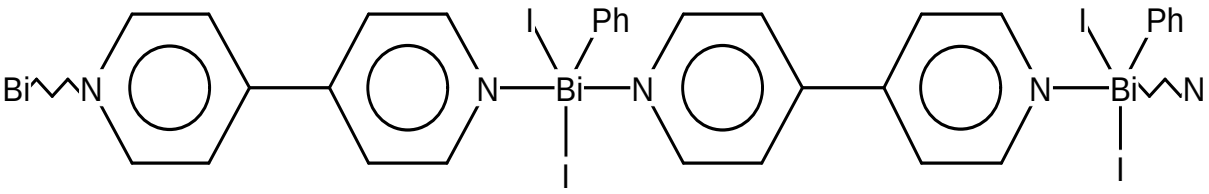
Reference: S.C.James, N.C.Norman, A.G.Orpen, J.Starbuck (2000) *CrystEngComm* ,**2,**67

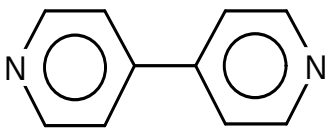
Formula: $(C_{32}\ H_{26}\ Bi_2\ I_4\ N_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-tetraiodo-diphenyl-di-bismuth 4,4'-bipyridine solvate)

Space Group:	P21/c	***Cell:***	***a***	9.663(2)	***b*** 22.631(5)	***c***	20.634(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.54(1)	γ	90.00

R-Factor (%): 5.57 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.318





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2656

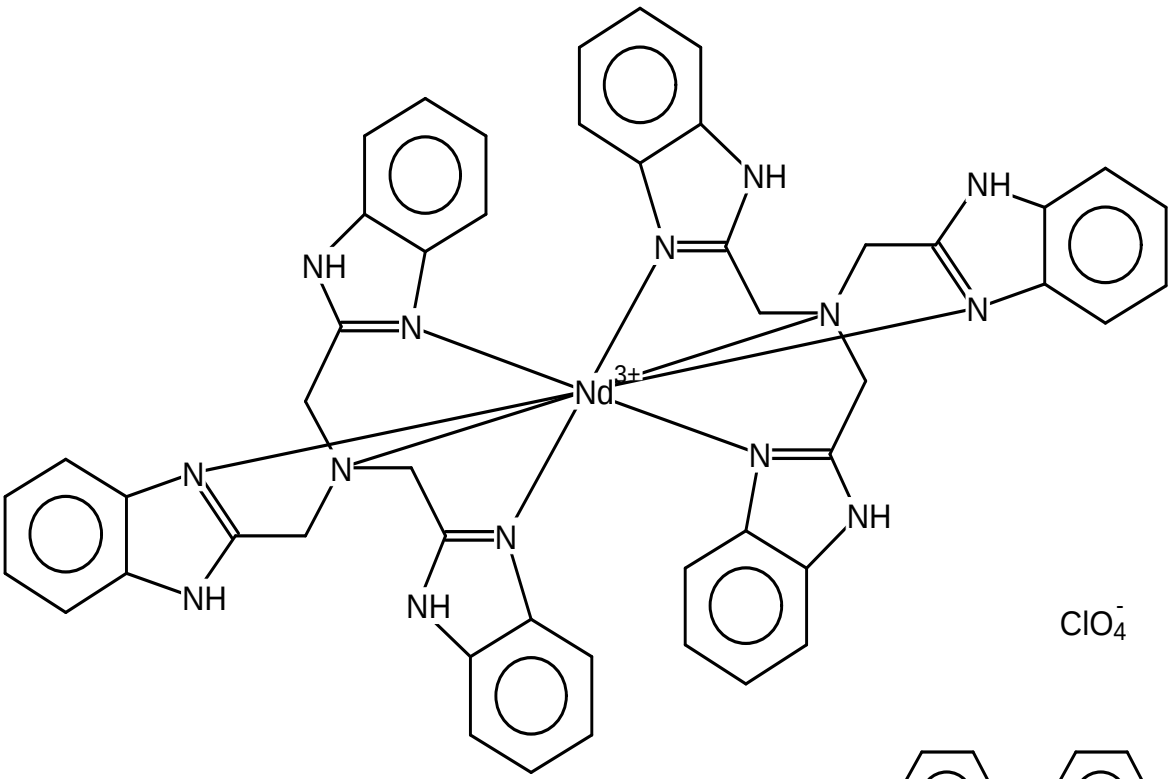
WESSES

Reference: Cheng-Yong Su, Bei-Sheng Kang, Qing-Chuan Yang, T.C.W.Mak (2000) *J.Chem.Soc.,Dalton Trans.* ,1857

Formula: $C_{48}\ H_{42}\ N_{14}\ Nd_1\ ^{3+},3(Cl_1\ O_4\ ^{1-}),3(C_{10}\ H_8\ N_2),2(H_2\ O_1)$

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-neodymium(iii) triperchlorate tris(4,4'-bipyridyl) dihydrate

Space Group:	R32	***Cell:***	***a***	16.403(2)	***b***	16.403(2)	***c*** 27.497(5)
Space Group No.:	155	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	4.78	***Temperature(K):***	295	***Density(g/cm^3):***	1.370		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2657

WESSES01

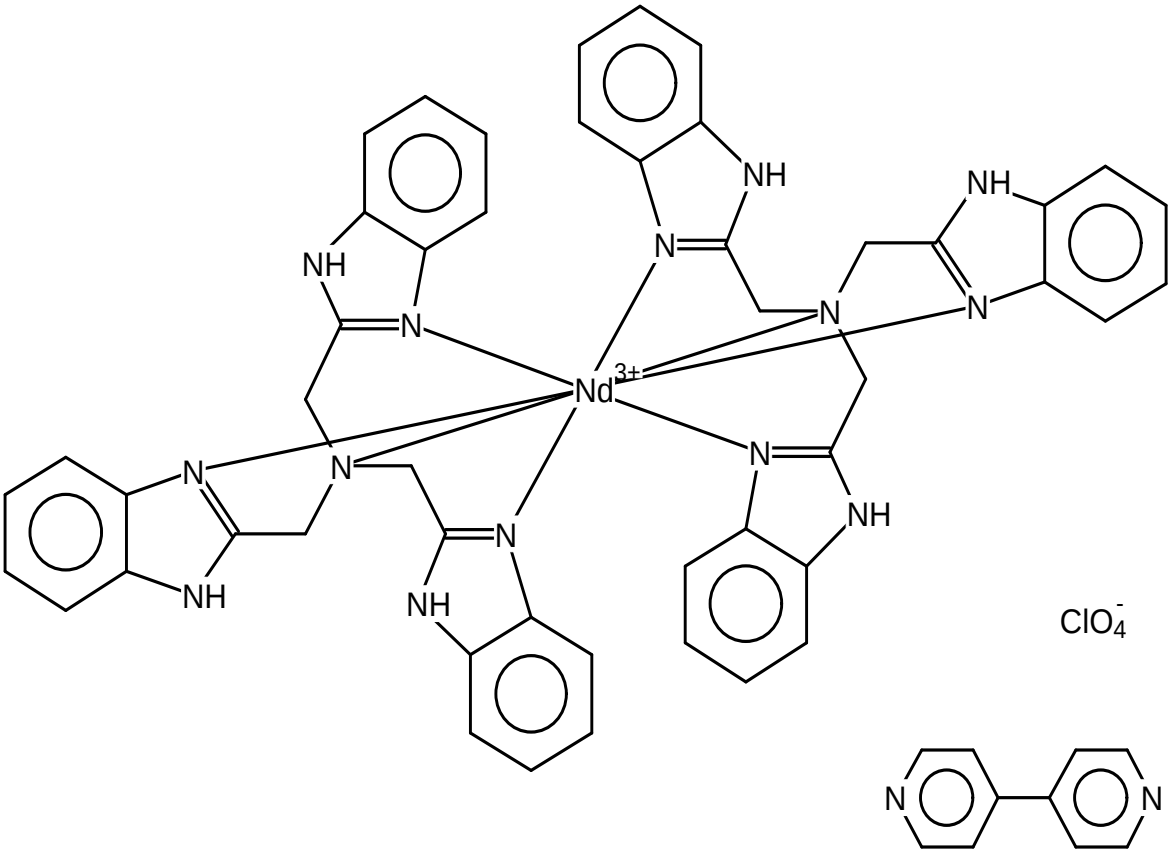
Reference: Cheng-Yong Su, Bei-Sheng Kang, Qing-Chuan Yang, T.C.W.Mak (2001) *Supramol.Chem. ,***12,**411

Formula: $C_{48}\ H_{42}\ N_{14}\ Nd_1\ ^{3+},3(Cl_1\ O_4\ ^{1-}),3(C_{10}\ H_8\ N_2),2(H_2\ O_1)$

Compound Name: bis(tris(2-Benzimidazolylmethyl)amine)-neodymium(iii) triperchlorate tris(4,4'-bipyridyl) dihydrate

Space Group:	R32	***Cell:***	***a***	16.403(2)	***b***	16.403(2)	***c*** 27.497(5)
Space Group No.:	155	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.370



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2658

WESZAW

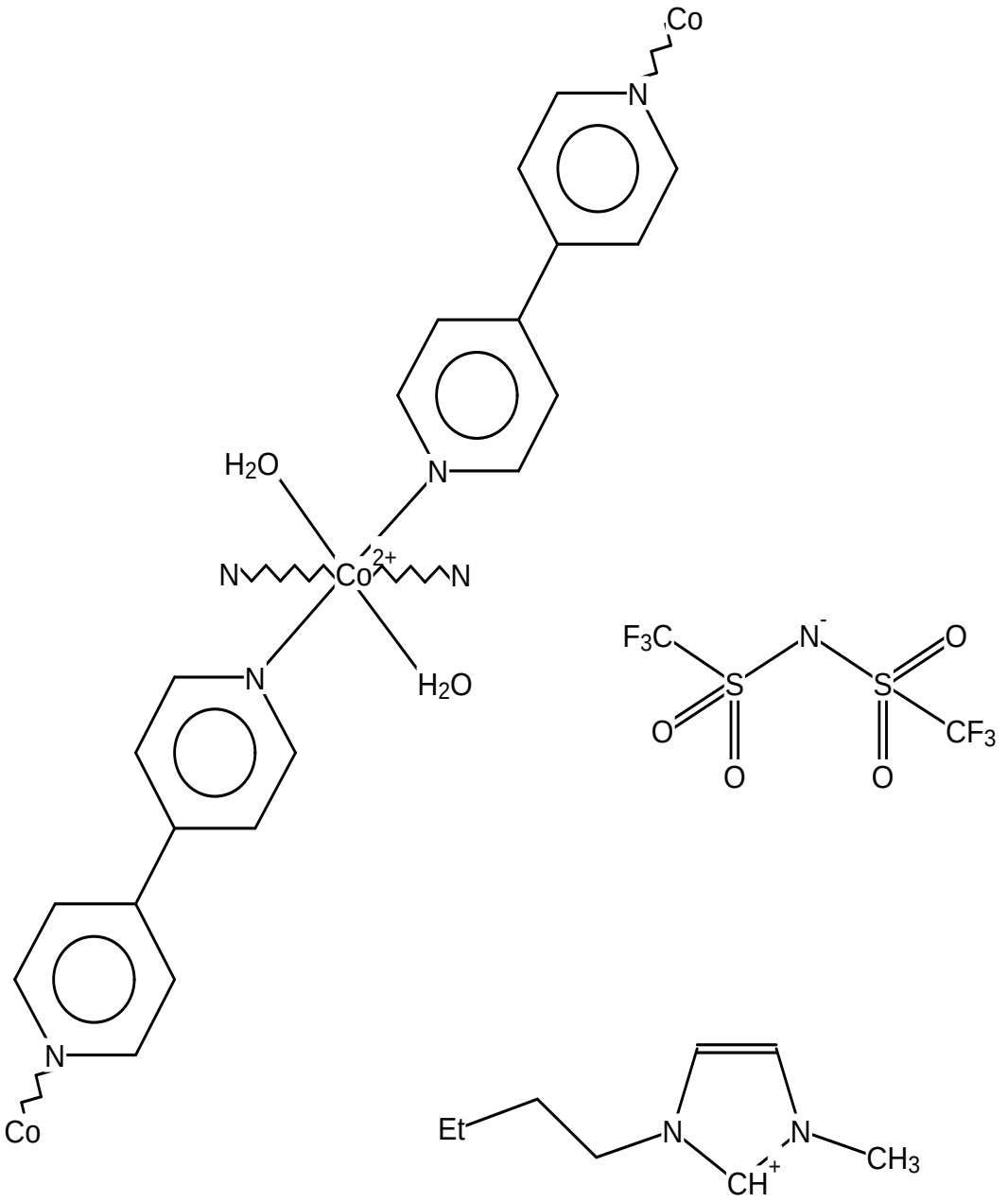
Reference: W.M.Reichert, J.D.Holbrey, K.B.Vigour, T.D.Morgan, G.A.Broker, R.D.Rogers (2006) *Chem.Commun.* ,4767

Formula: $(C_{20}\ H_{20}\ Co_1\ N_4\ O_2\ ^{2+})n,n(C_8\ H_{15}\ N_2\ ^{1+}),3n(C_2\ F_6\ N_1\ O_4\ S_2\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl)-diaqua-cobalt (1-n-butyl-3-methylimidazolium) tris(bis(trifluoromethanesulfonyl)imide))

Space Group:	Cc	***Cell:***	***a***	25.113(4)	***b*** 16.946(3)	***c***	15.330(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β 126.37(0)	γ	90.00

R-Factor (%): 4.64 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.754



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2659

WESZIE

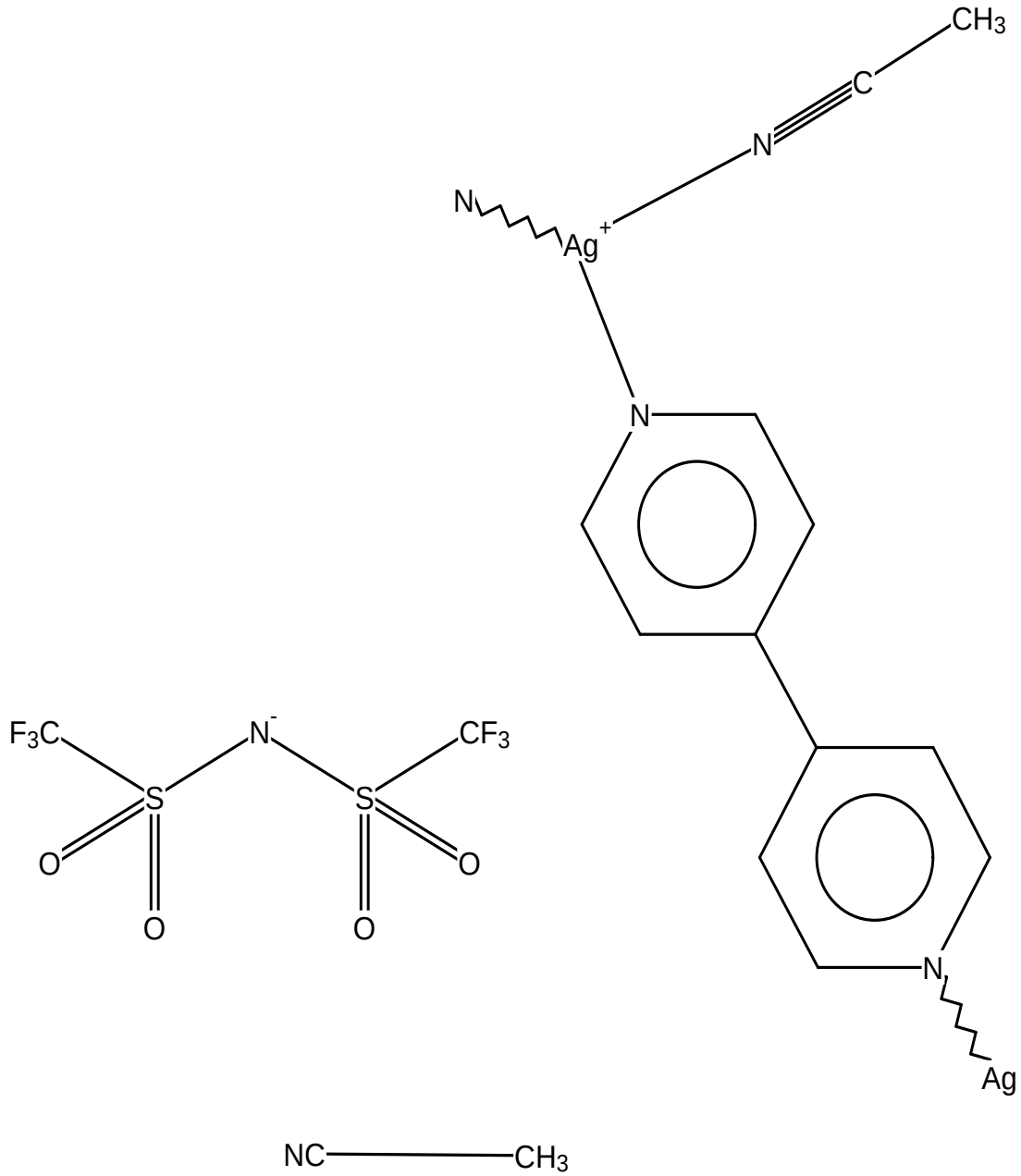
Reference: W.M.Reichert, J.D.Holbrey, K.B.Vigour, T.D.Morgan, G.A.Broker, R.D.Rogers (2006) *Chem.Commun.* ,4767

Formula: $(C_{12}\ H_{11}\ Ag_1\ N_3\ ^{1+})n,n(C_2\ F_6\ N_1\ O_4\ S_2\ ^{1-}),n(C_2\ H_3\ N_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-(acetonitrile)-silver(i) bis(trifluoromethanesulfonyl)imide acetonitrile solvate)

Space Group:	P21/c	***Cell:***	***a***	8.439(6)	***b*** 29.120(20)	***c***	10.064(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β 113.61(1)	γ	90.00

R-Factor (%): 2.63 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.836



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2660

WETWAU

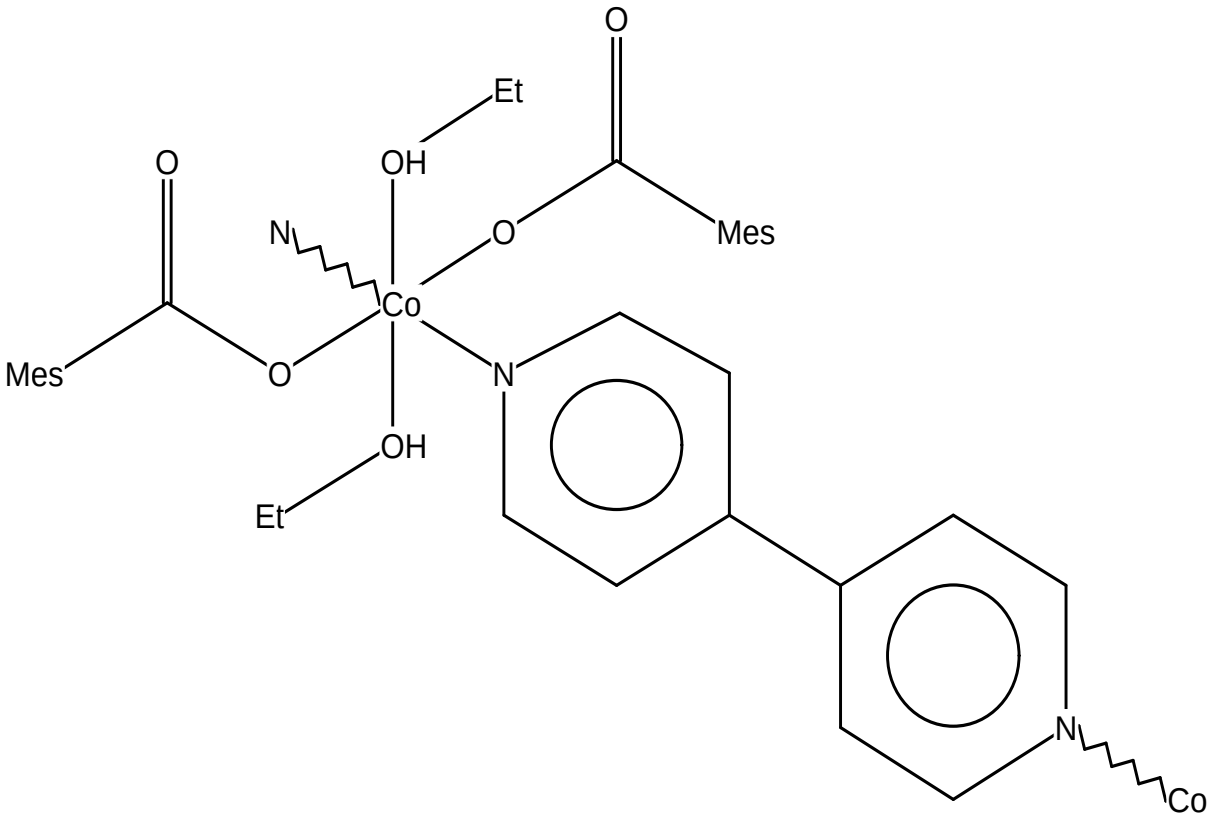
Reference: Wei Li, Chang-Hong Li, Ying-Qun Yang, Zhi-Min Chen, Dai-Zhi Kuang, Chun-Hua Zhang, Yun-Fei Kang (2006) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**25,**878

Formula: $(C_{34}\ H_{42}\ Co_1\ N_2\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(2,4,6-trimethylbenzoato)-diethanol-cobalt(ii)]

Space Group:	C2/c	***Cell:***	***a***	23.805(8)	***b*** 11.464(4)	***c***	15.807(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 128.44(0)	γ	90.00

R-Factor (%): 5.04 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.246



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2661

WEVPAP

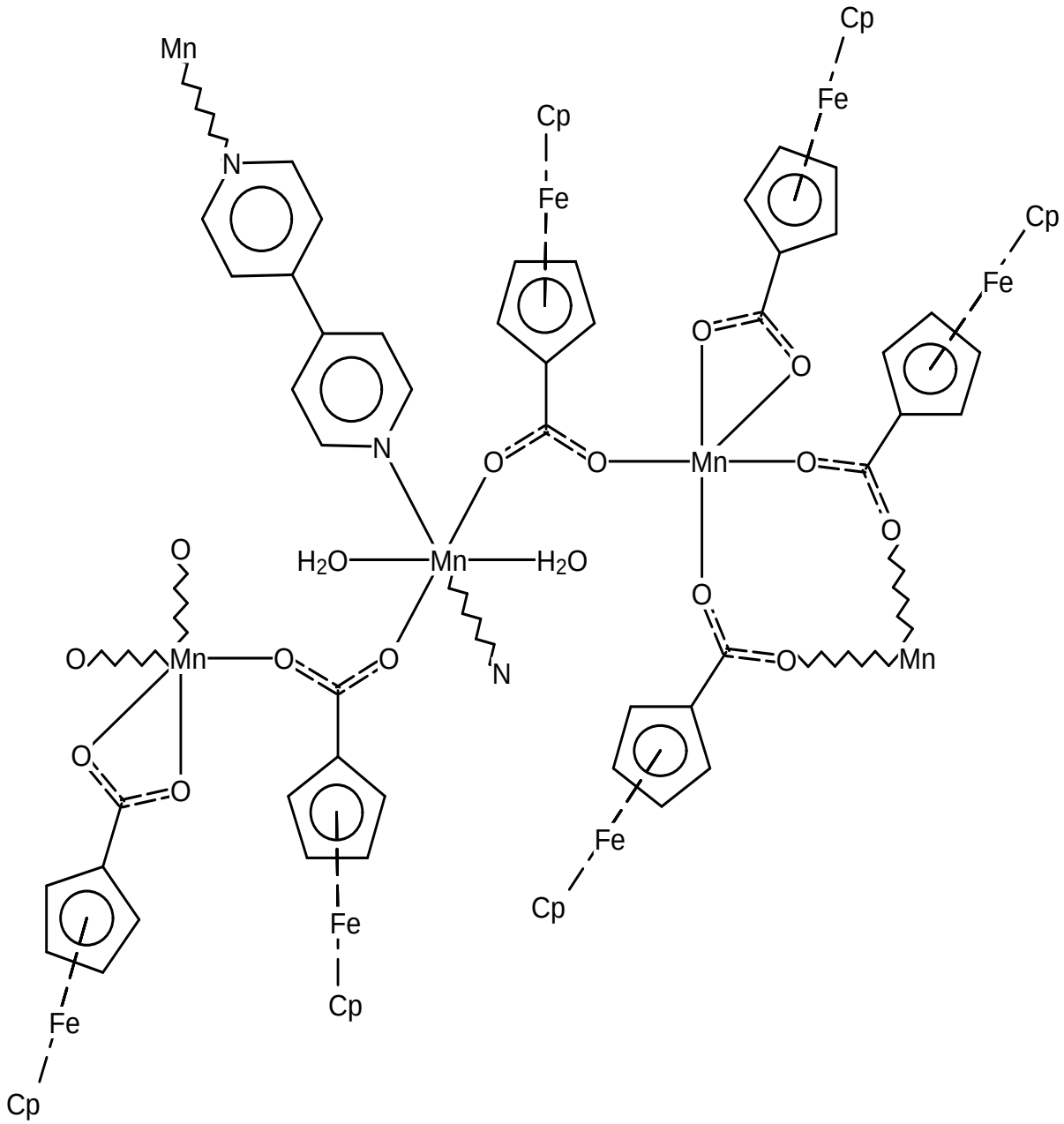
Reference: Wen-Jie Lu, Yi-Min Zhu, Kai-Long Zhong (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**63,**m4

Formula: $(C_{76}\ H_{66}\ Fe_6\ Mn_3\ N_2\ O_{14})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-tetrakis(μ_2-ferrocenecarboxylato)-diaqua-bis(ferrocenecarboxylato)-tri-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	10.989(1)	***b***	11.499(1)	***c***	14.893(1)
Space Group No.:	2	***(Å,°)***	α	82.31(0)	β	83.42(0)	γ	66.00(0)

R-Factor (%): 3.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.691



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2662

WEVPAP01

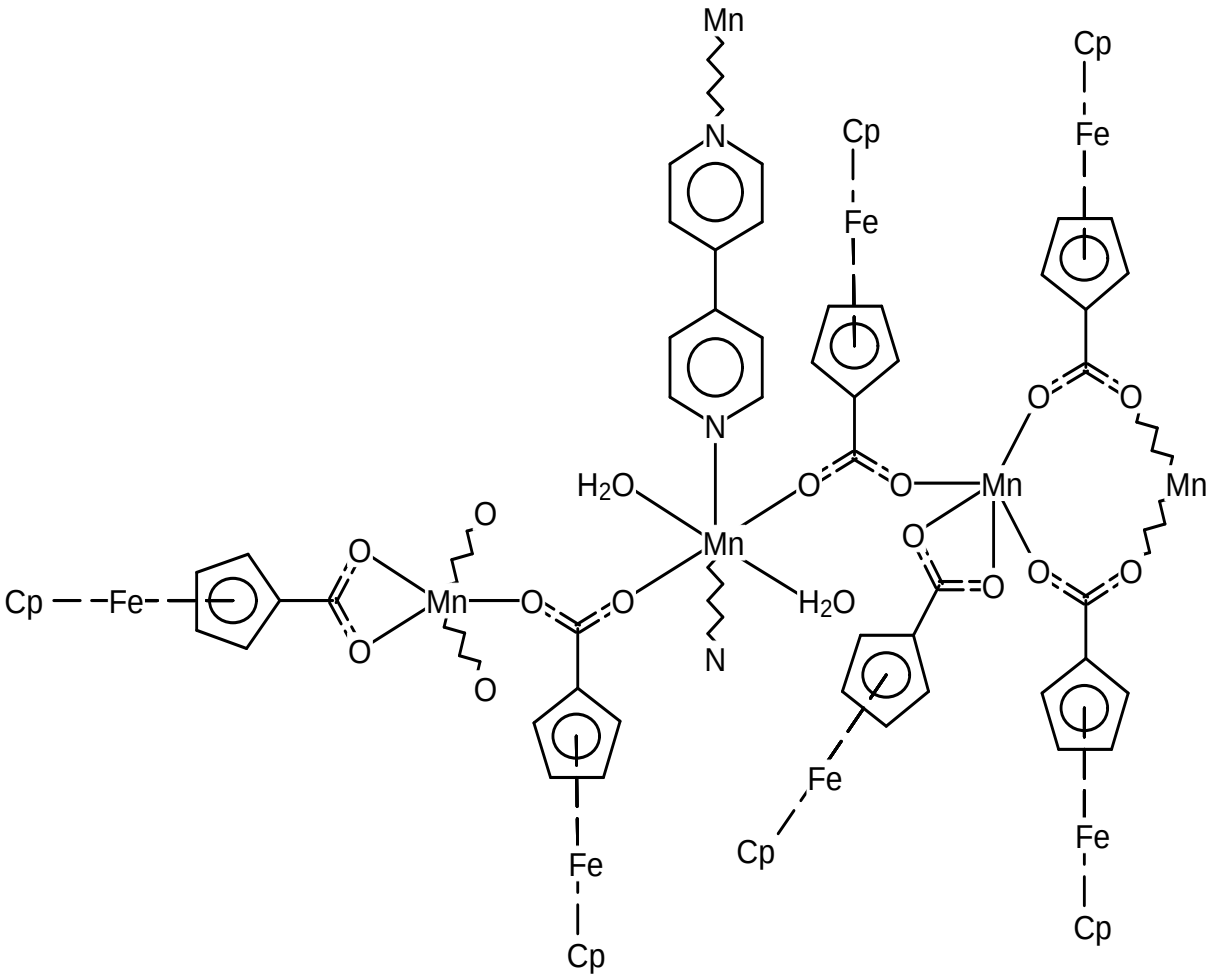
Reference: Zilu Chen, Yunsheng Ma, Fupei Liang, Zhaohui Zhou (2007) *Eur.J.Inorg.Chem.* ,2040

Formula: $(C_{76}\ H_{66}\ Fe_6\ Mn_3\ N_2\ O_{14})n$

Compound Name: catena-(tetrakis(μ_2-Ferrocenecarboxylato-O,O')-(μ_2-4,4'-bipyridine-N,N')-diaqua-bis(ferrocenecarboxylato-O,O')-tri-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	10.980(0)	***b***	11.493(0)	***c***	14.880(0)
Space Group No.:	2	***(Å,°)***	α	82.36(0)	β	83.43(0)	γ	65.96(0)

R-Factor (%): 8.63 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.695



Search: search1 (Thu May 26 10:05:42 2011): Hit 2663

WEVQEU

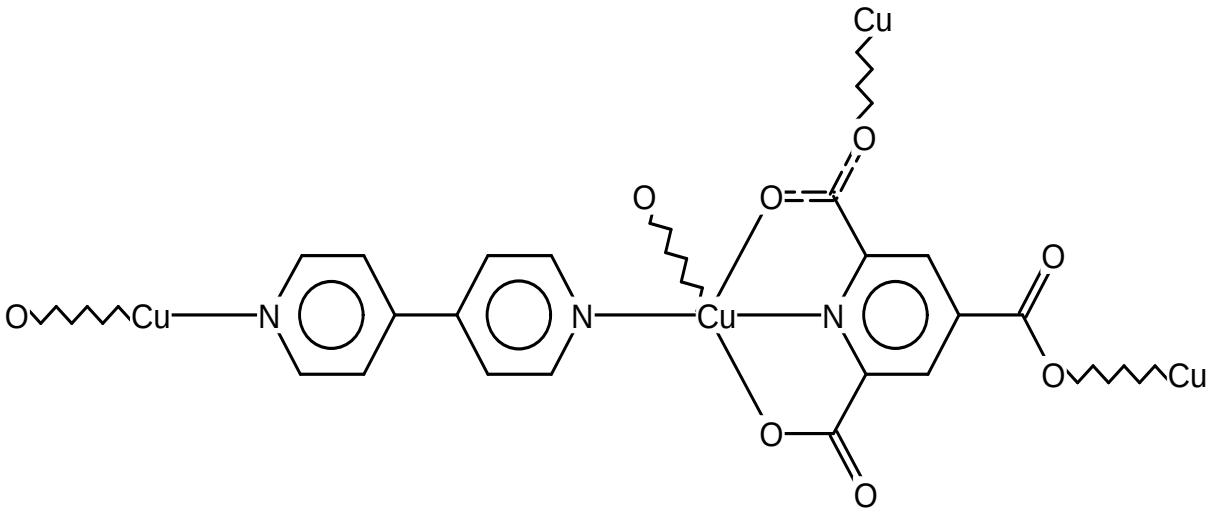
Reference: You-Ren Dong, Xian-Wen Wang, Yue-Qing Zheng (2007) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,* **63,**m19

Formula: $(C_{18}\ H_{10}\ Cu_2\ N_3\ O_6)n,n(H_2\ O_1)$

Compound Name: catena-((μ_3-Pyridine-2,4,6-tricarboxylato)-(μ_2-4,4'-bipyridine)-copper(i)-copper(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	12.823(3)	***b*** 8.280(1)	***c***	16.776(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.53(3)	γ	90.00

R-Factor (%): 5.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.939



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2664

WEVRAR

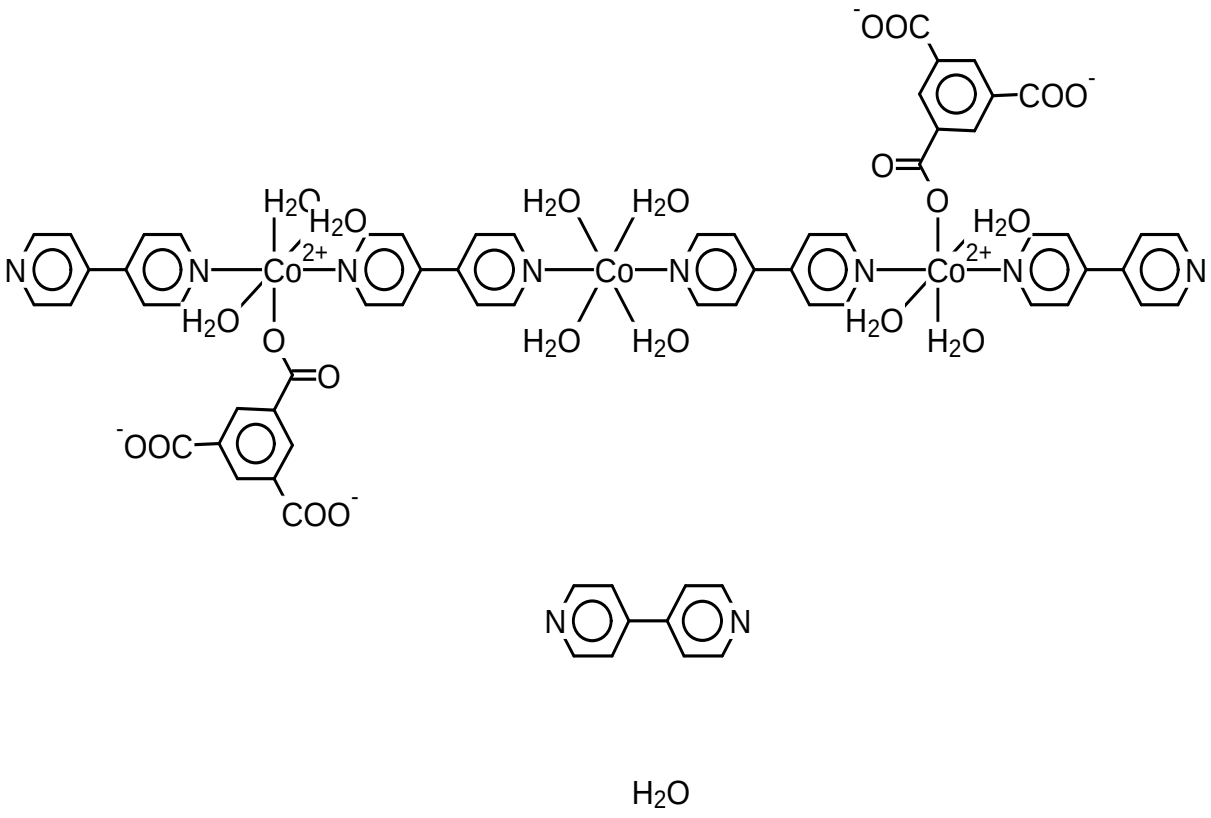
Reference: Hong-Zhen Xie, Zhi-Feng Li, Yue-Qing Zheng (2007)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***63,**m30

Formula: $C_{58}\ H_{58}\ Co_3\ N_8\ O_{22}, C_{10}\ H_8\ N_2, 8(H_2\ O_1)$

Compound Name: bis(μ_2-4,4'-bipyridine)-decaaqua-bis(benzene-1,3,5-tricarboxylato)-bis(4,4'-bipyridine)-tricobalt(ii) 4,4'-bipyridine solvate octahydrate

Space Group:	P21/n	***Cell:***	***a*** 13.193(3)	***b*** 13.982(3)	***c*** 20.193(4)
Space Group No.:	14	***(Å,°)***	α 90.00	β 91.36(3)	γ 90.00

R-Factor (%): 6.42 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.513



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2665

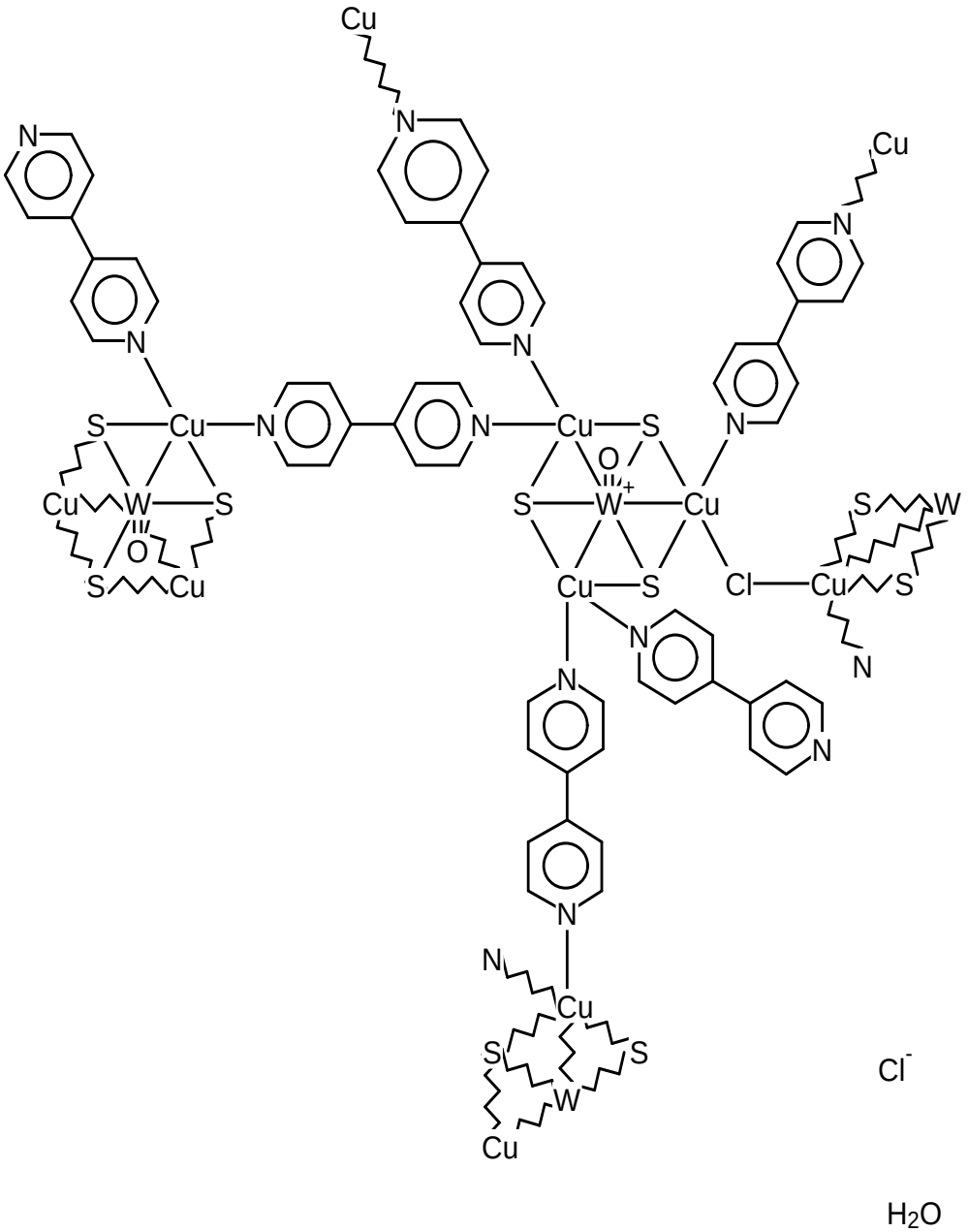
WEWDEI

Reference: Kai Liang, He-Gen Zheng, Ying-Lin Song, Yi-Zhi Li, Xin-Quan Xin (2007) *Cryst.Growth Des. ,***7,**373

Formula: $(C_{60}\ H_{48}\ Cl_1\ Cu_6\ N_{12}\ O_2\ S_6\ W_2\ ^{1+})n,n(Cl_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_3-Sulfido)-tetrakis(μ_2-4,4'-bipyridine-N,N')-(μ_2-chloro) -bis(4,4'-bipyridine-N)-dioxo-hexa-copper-di-tungsten chloride dihydrate)

Space Group:	C2/c	***Cell:***	***a***	17.774(1)	***b***	25.311(2)	***c*** 16.598(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	105.41(0)	γ 90.00
R-Factor (%):	4.09	***Temperature(K):***	293		***Density(g/cm^3):***		1.861



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2666

WEWDIM

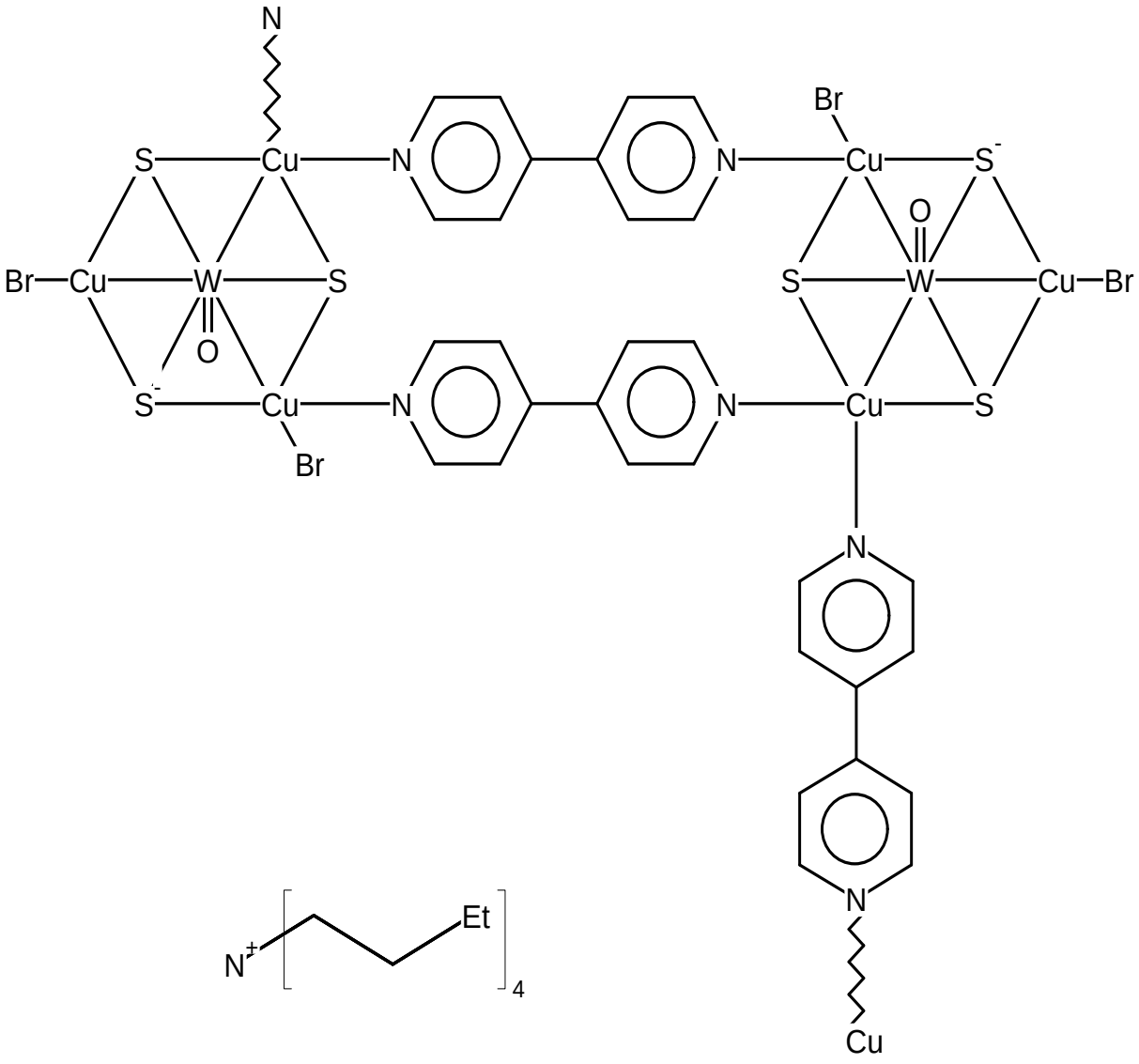
Reference: Kai Liang, He-Gen Zheng, Ying-Lin Song, Yi-Zhi Li, Xin-Quan Xin (2007) *Cryst.Growth Des.* ,**7,**373

Formula: $(C_{16}\ H_{36}\ N_1\ ^{1+})2n,n(C_{30}\ H_{24}\ Br_4\ Cu_6\ N_6\ O_2\ S_6\ W_2\ ^{2-})$

Compound Name: catena-(bis(Tetra-n-butylammonium) hexakis(μ_3-sulfido)-tris(μ_2-4,4'-bipyridine-N,N')-tetrabromo-dioxo-hexa-copper-di-tungsten)

Space Group:	P-1	***Cell:***	***a***	9.843(1)	***b***	12.974(1)	***c***	17.362(2)
Space Group No.:	2	***(Å,°)***	α	97.65(1)	β	101.50(1)	γ	108.65(1)

R-Factor (%): 3.48 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.854



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2667

WEWGOV

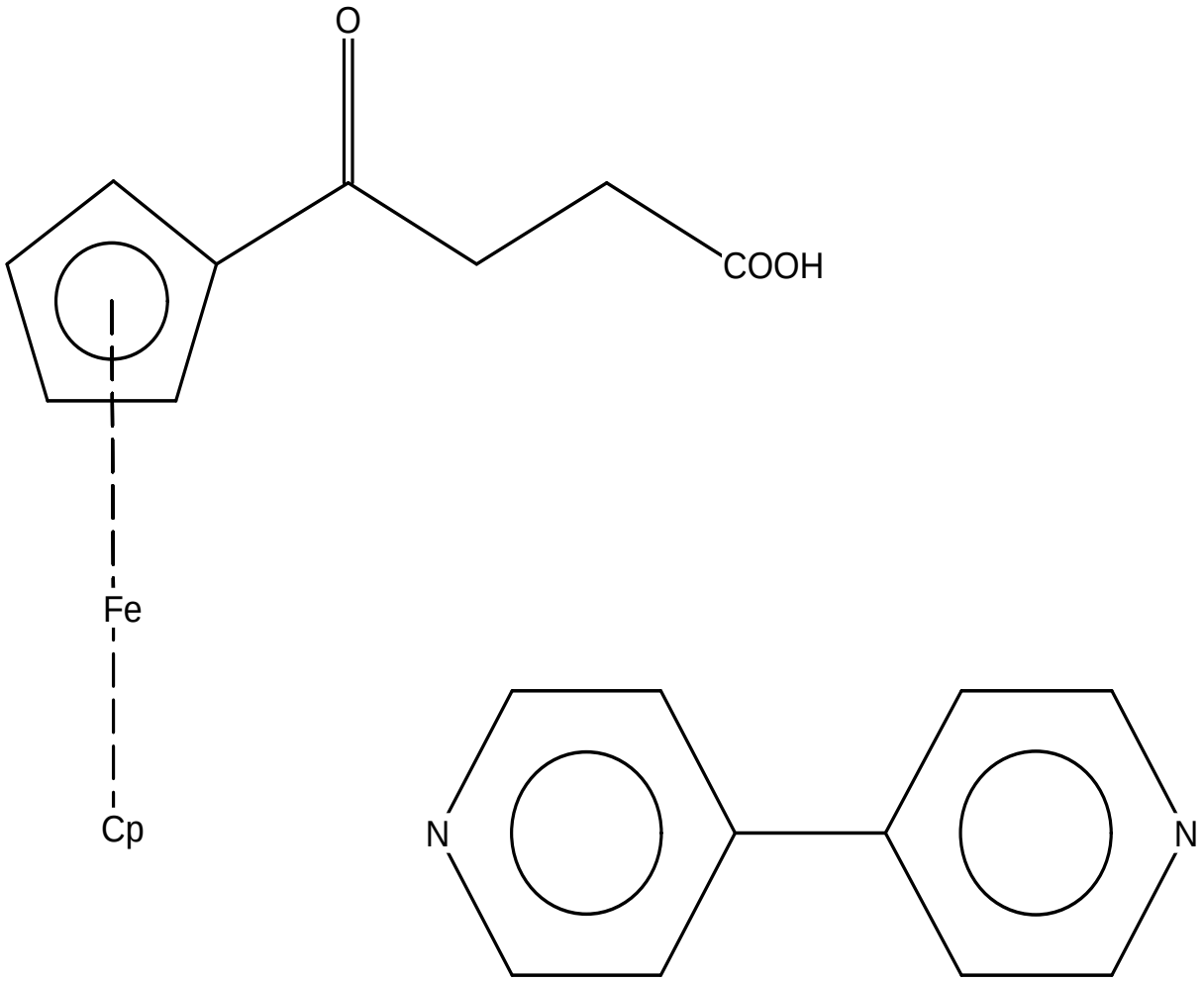
Reference: Hongwei Hou, Liwei Mi, Rongbao Liao, Yali Sang, Mingsheng Tang, Yu Zhu (2005) *Zhengzhou Daxue Xuebao,Lixueban(Chin.)(J.Zhengzhou Univ.(Sci.Ed.))* , **37,**67

Formula: $C_{14}\,H_{14}\,Fe_1\,O_3,0.5(C_{10}\,H_8\,N_2)$

Compound Name: 3-Ferrocenoylpropanoic acid hemikis(4,4'-bipyridine)

Space Group:	P21/n	***Cell:***	***a***	5.724(1)	***b*** 35.226(7)	***c***	8.359(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.07(3)	γ	90.00

R-Factor (%): 5.31 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.468



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2668

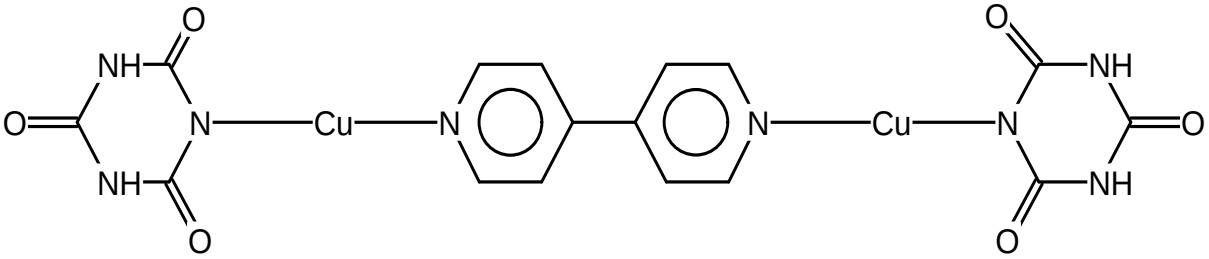
WEYMUJ

Reference: Ji-Min Du, Dae Joon Kang (2007) *Chem.Lett.* ,**36,**168

Formula: $C_{16}\ H_{12}\ Cu_2\ N_8\ O_6$

Compound Name: (μ_2-4,4'-bipyridine)-bis(2,4,6-trioxo-1,3,5-triazinanato-N)-di-copper(i)

Space Group:	P21/n	***Cell:***	***a***	13.458(3)	***b*** 4.510(0)	***c***	15.457(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.65(3)	γ	90.00
R-Factor (%):	5.14	***Temperature(K):***	293		***Density(g/cm^3):***		1.983



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2669

WEZXII

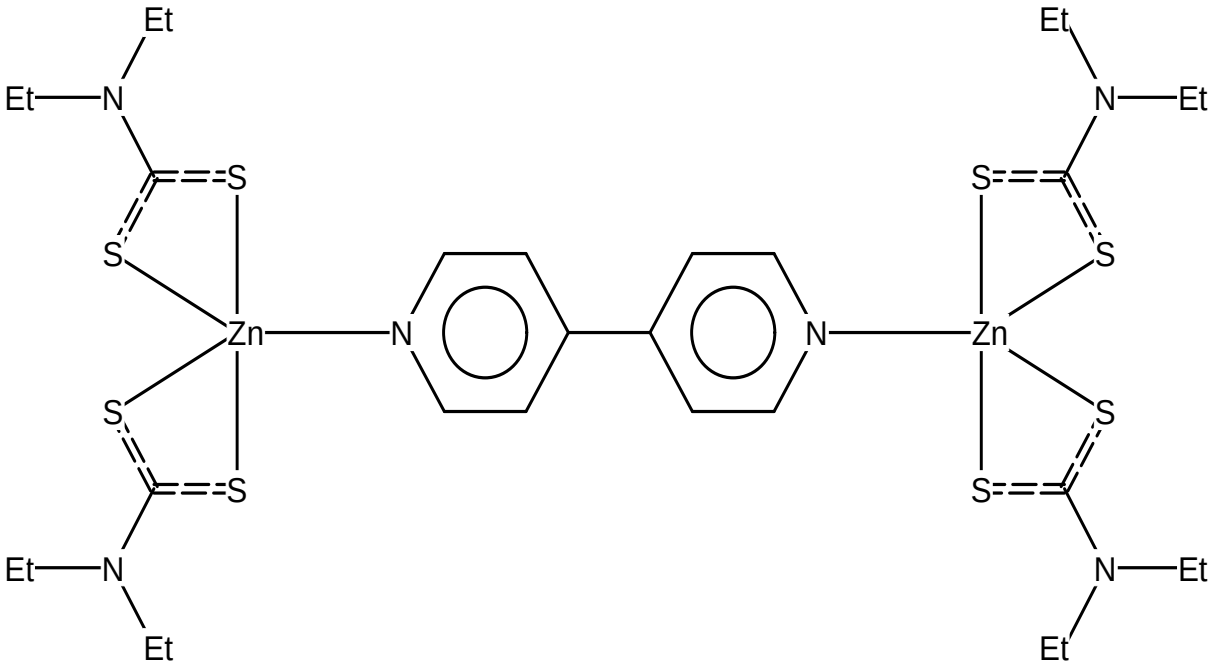
Reference: S.M.Zemskova, L.A.Glinskaya, V.B.Durasov, R.F.Klevtsova, S.V.Larionov (1993) *Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.)* ,**34,**157-5

Formula: $C_{30}\,H_{48}\,N_6\,S_8\,Zn_2$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(bis(diethyldithiocarbamato-S,S')-zinc(ii))

Space Group:	Pnca	***Cell:***	***a***	17.411(4)	***b***	22.161(7)	***c***	21.539(4)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.28 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.407



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2670

WEZXII01

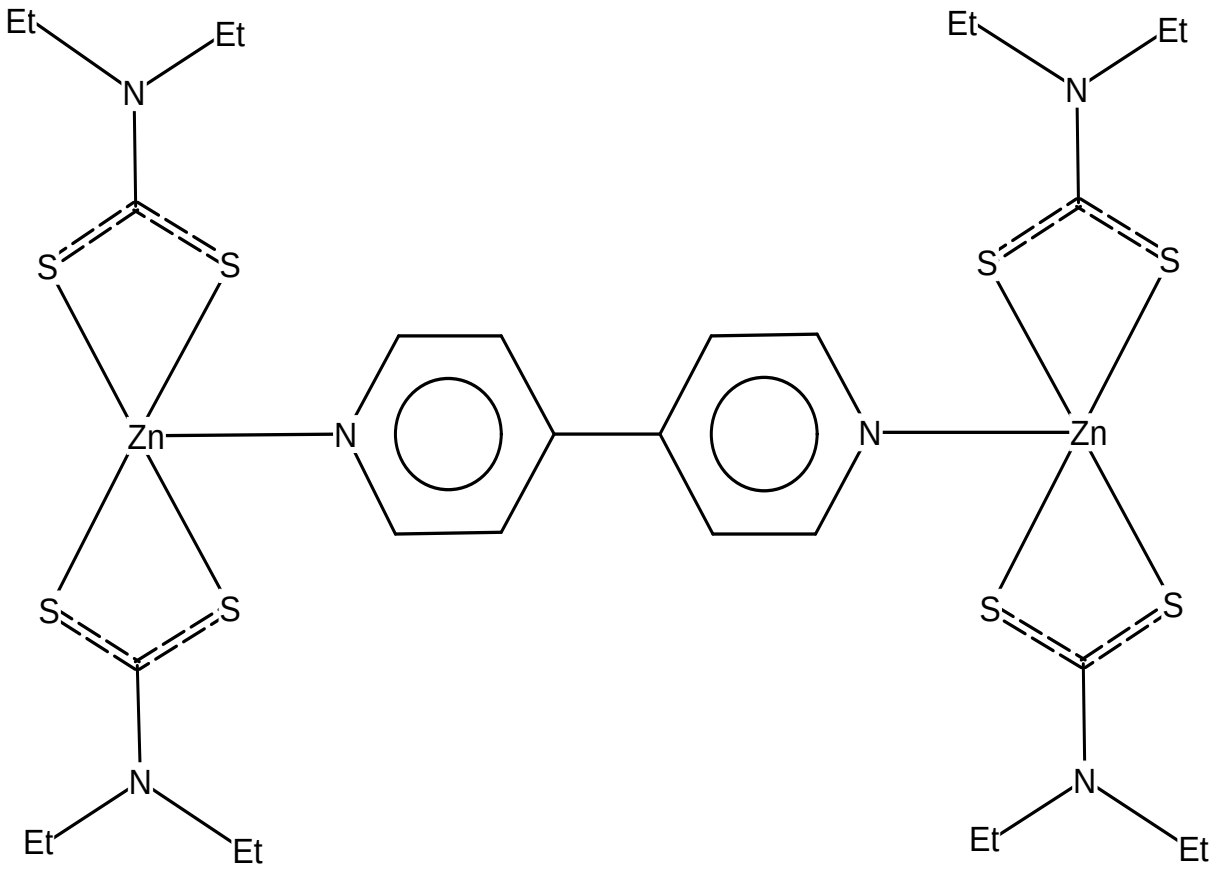
Reference: Chian Sing Lai, E.R.T.Tiekink (2003)
Appl.Organomet.Chem. ,**17,**253

Formula: $C_{30}\,H_{48}\,N_6\,S_8\,Zn_2$

Compound Name: (μ_2-4,4'-bipyridine)-bis(bis(N,N-diethyldithiocarbamato)-zinc(ii))

Space Group:	Pbcn	***Cell:***	***a***	22.072(0)	***b***	21.451(0)	***c*** 17.301(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 5.10 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.427



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2671

WEZYEG

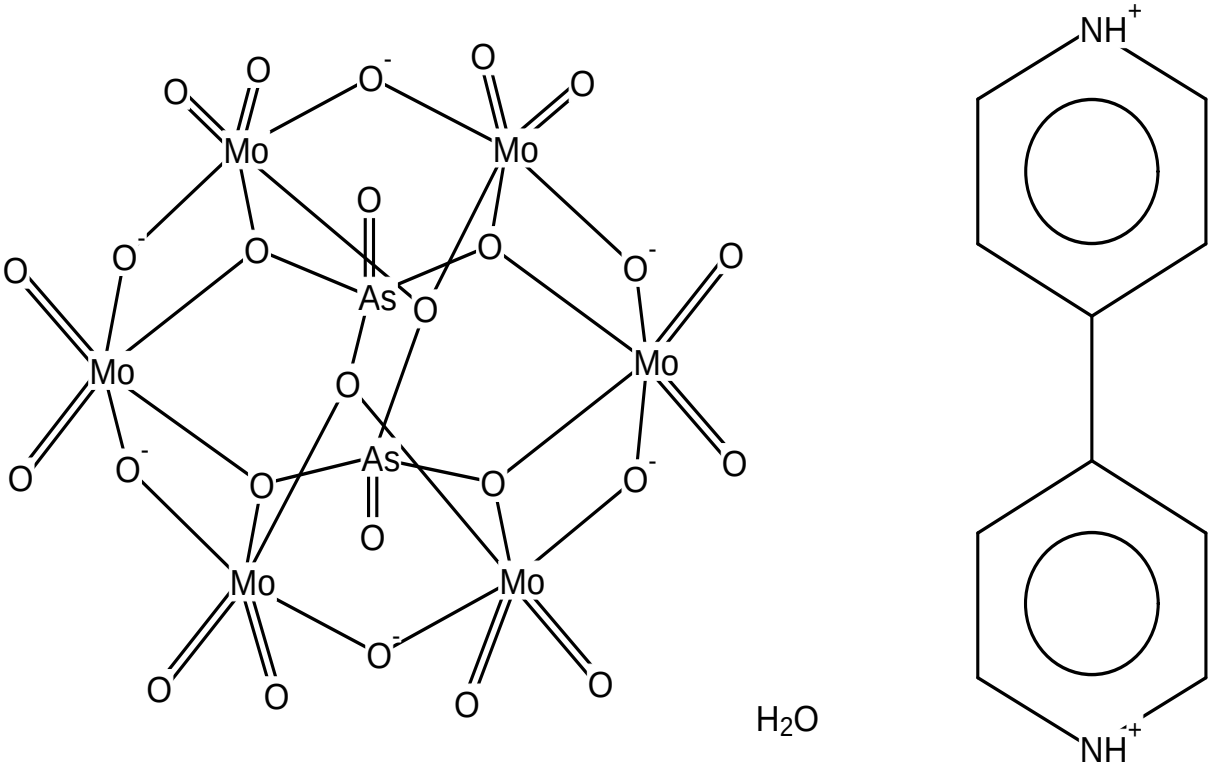
Reference: Chunyan Sun, Yangguang Li, Enbo Wang, Dongrong Xiao, Haiyan An, Lin Xu (2007) *Inorg.Chem. ,***46,**1563

Formula: $3(C_{10}\ H_{10}\ N_2\ ^{2+}),As_2\ Mo_6\ O_{26}\ ^{6-},4(H_2\ O_1)$

Compound Name: tris(4,4'-bipyridinium) bis(μ_6-arsenato)-hexakis(μ_2-oxo)-dodecaoxo-hexa-molybdenum tetrahydrate

Space Group:	C2/m	***Cell:***	***a***	14.691(3)	***b*** 18.645(4)	***c***	10.623(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β 127.52(3)	γ	90.00

R-Factor (%): 2.47 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.429



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2672

WEZYIK

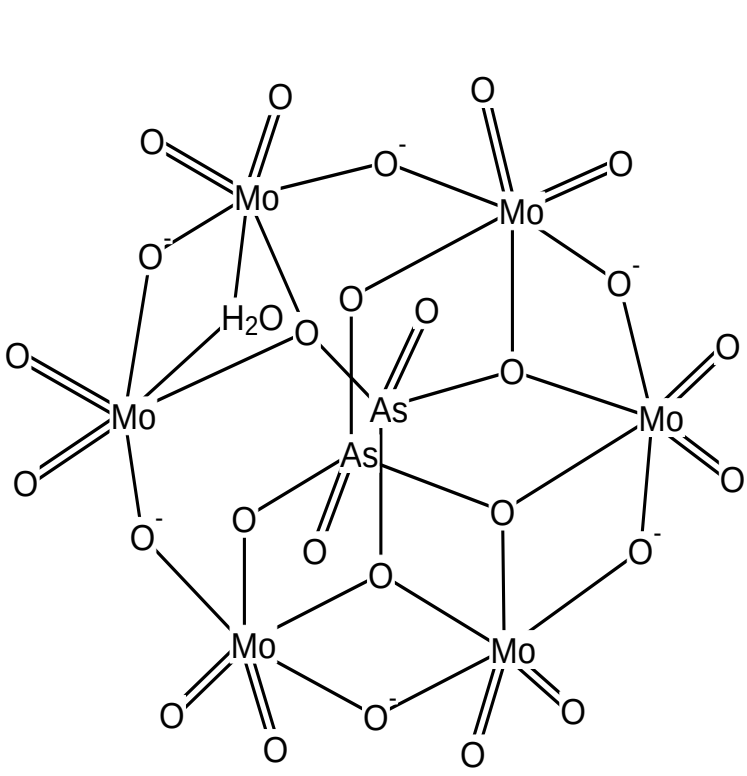
Reference: Chunyan Sun, Yangguang Li, Enbo Wang, Dongrong Xiao, Haiyan An, Lin Xu (2007) *Inorg.Chem. ,***46,**1563

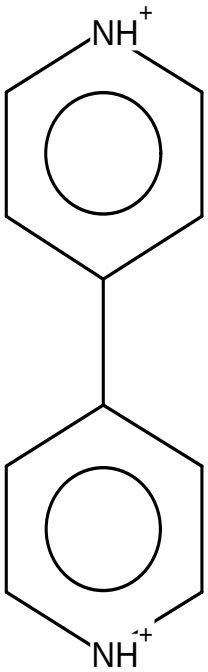
Formula: $3(C_{10}\ H_{10}\ N_2\ ^{2+}),H_2\ As_2\ Mo_6\ O_{27}\ ^{6-},4(H_2\ O_1)$

Compound Name: tris(4,4'-bipyridinium) (μ_6-arsenato)-(μ_4-arsenato)-(μ_2-aqua)-hexakis(μ_2-oxo)-dodecaoxo-hexa-molybdenum tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	11.795(2)	***b***	24.301(5)	***c***	17.028(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.64(3)	γ	90.00

R-Factor (%):	3.89	***Temperature(K):***	293	***Density(g/cm^3):***	2.330





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2673

WEZYOQ

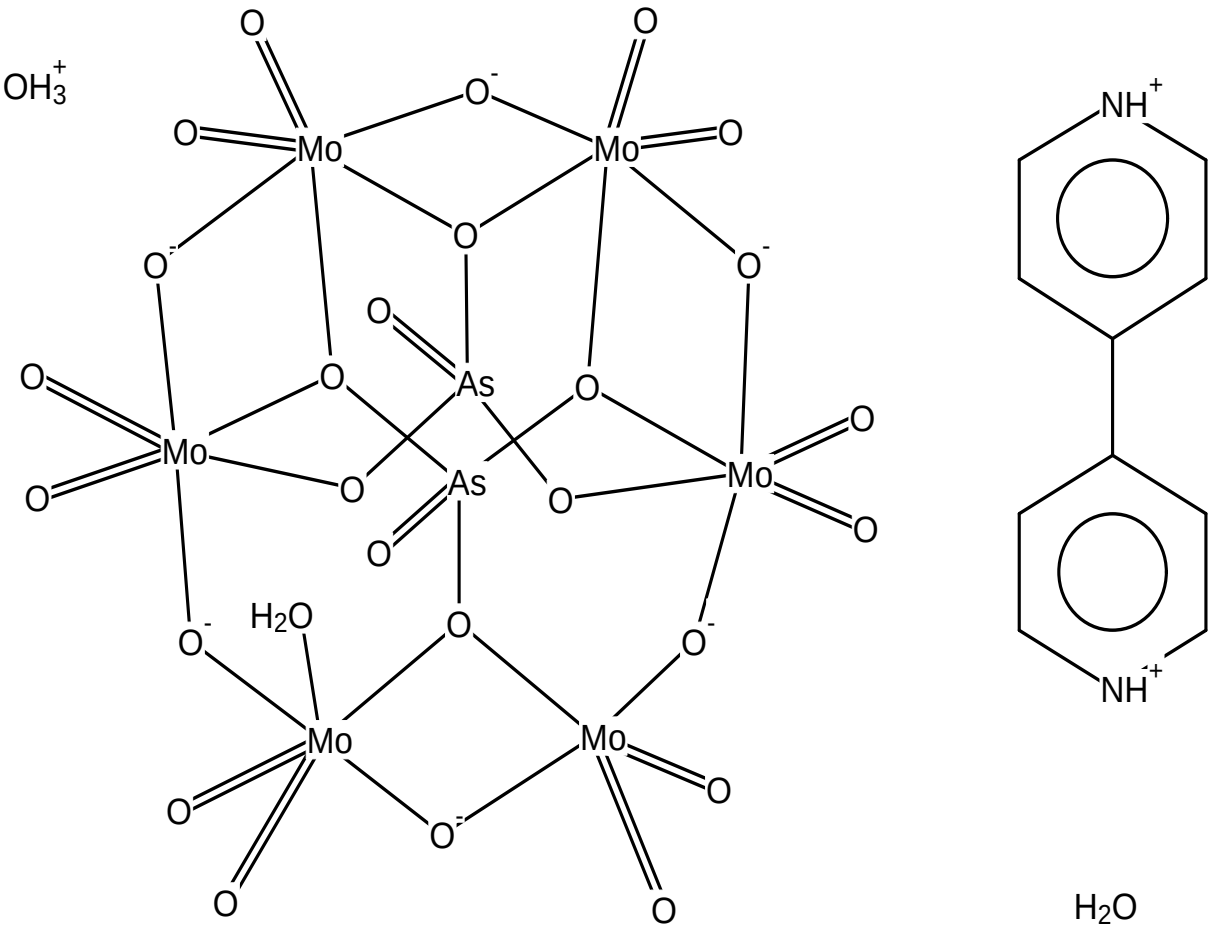
Reference: Chunyan Sun, Yangguang Li, Enbo Wang, Dongrong Xiao, Haiyan An, Lin Xu (2007) *Inorg.Chem.* ,**46,**1563

Formula: $2.5(C_{10}H_{10}N_2^{2+}),H_3O_1^{1+},H_2As_2Mo_6O_{27}^{6-},1.25(H_2O_1)$

Compound Name: 4,4'-bipyridinium hydroxonium (μ_6-arsenato)-(μ_4-arsenato)-hexakis(μ_2-oxo)-aqua-dodecaoxo-hexa-molybdenum hydrate

Space Group:	P-1	***Cell:***	***a***	11.225(2)	***b***	14.065(3)	***c*** 15.201(3)
Space Group No.:	2	***(Å,°)***	α	100.15(3)	β	93.02(3)	γ 111.94(3)

R-Factor (%): 4.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.440



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2674

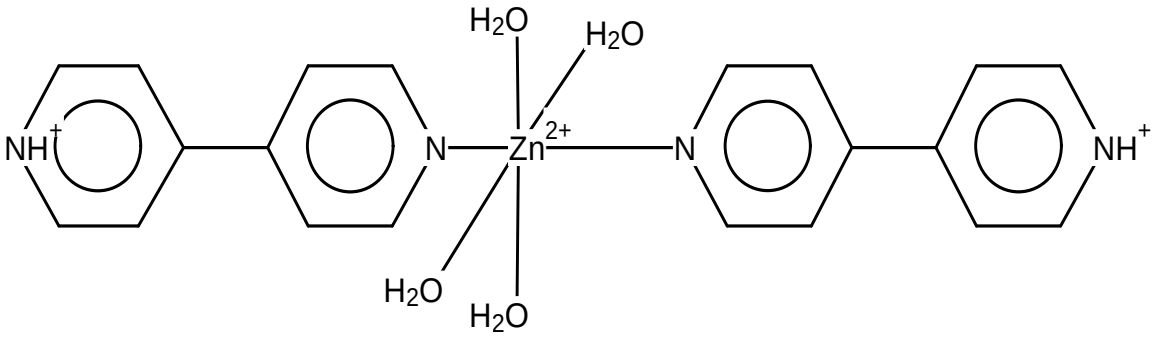
WEZZAD

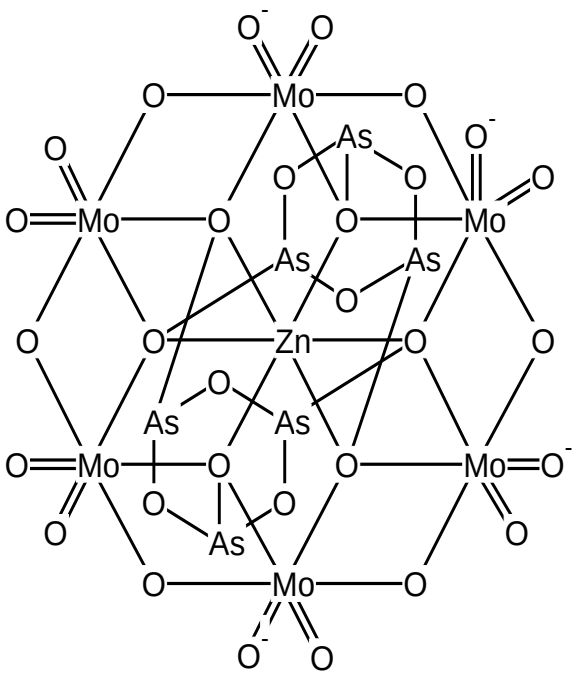
Reference: Chunyan Sun, Yangguang Li, Enbo Wang, Dongrong Xiao, Haiyan An, Lin Xu (2007) *Inorg.Chem. ,***46,**1563

Formula: $C_{20}\ H_{26}\ N_4\ O_4\ Zn_1\ ^{4+}, As_6\ Mo_6\ O_{30}\ Zn_1\ ^{4-}, 8(H_2\ O_1)$

Compound Name: bis(μ_2-4,4'-bipyridylium)-tetra-aqua-zinc hexakis(μ_4-oxo)-dodecakis(μ_2-oxo)-dodecaoxo-hexa-arsenic(iii)-hexa-molybdenum-zinc octahydrate

Space Group:	P-1	***Cell:***	***a***	9.325(1)	***b***	12.051(2)	***c*** 14.174(3)
Space Group No.:	2	***(Å,°)***	α	114.93(3)	β	93.63(3)	γ 105.82(3)
R-Factor (%):	7.83	***Temperature(K):***	293		***Density(g/cm^3):***		2.644





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2675

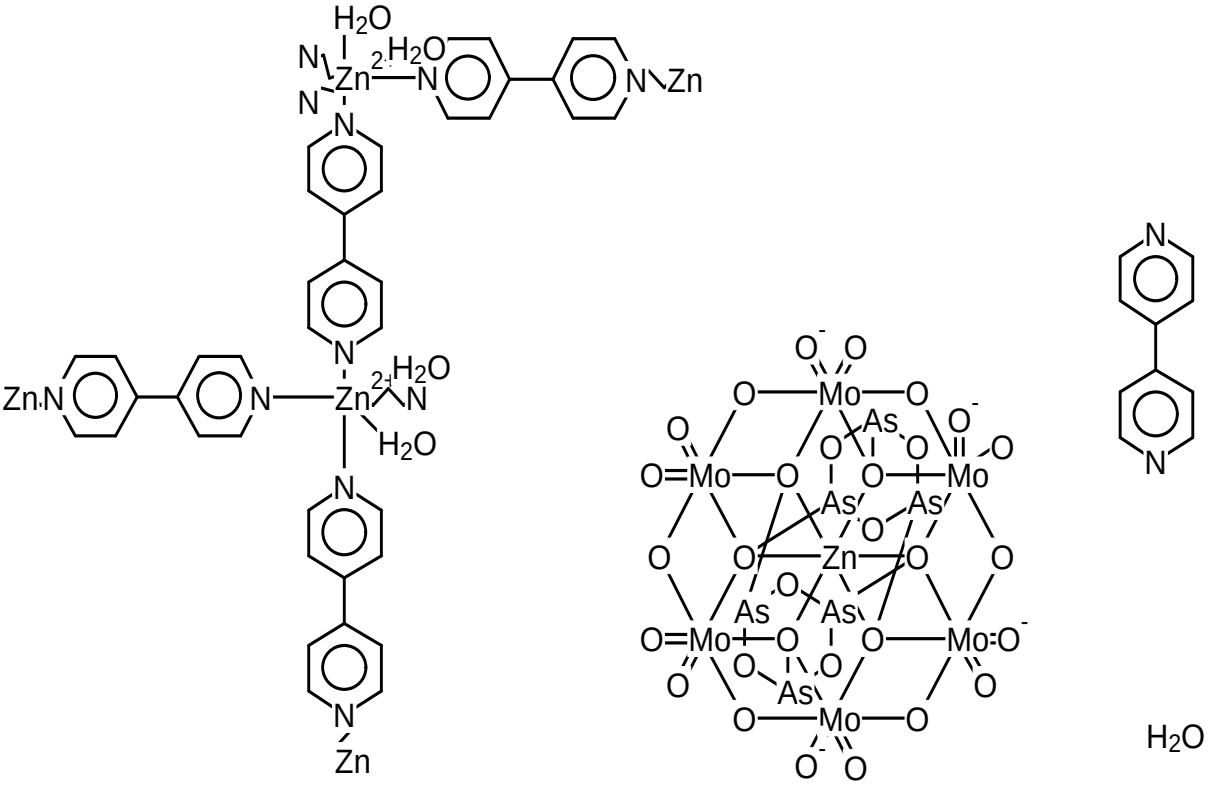
WEZZEH

Reference: Chunyan Sun, Yangguang Li, Enbo Wang, Dongrong Xiao, Haiyan An, Lin Xu (2007) *Inorg.Chem.* ,**46,**1563

Formula: $(C_{40}\ H_{40}\ N_8\ O_4\ Zn_2\ ^{4+})n,n(As_6\ Mo_6\ O_{30}\ Zn_1\ ^{4-}),n(C_{10}\ H_8\ N_2),7n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-bipyridyl)-tetra-aqua-di-zinc hexakis(μ_4-oxo)-dodecakis(μ_2-oxo)-dodecaoxo-hexa-arsenic(iii)-hexa-molybdenum(vi)-zinc 4,4'-bipyridyl heptahydrate)

Space Group:	P2/n	***Cell:***	***a***	18.349(4)	***b***	11.471(2)	***c*** 22.932(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.26(3)	γ 90.00
R-Factor (%):	5.31	***Temperature(K):***	293	***Density(g/cm^3):***	1.846		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2676

WEZZIL

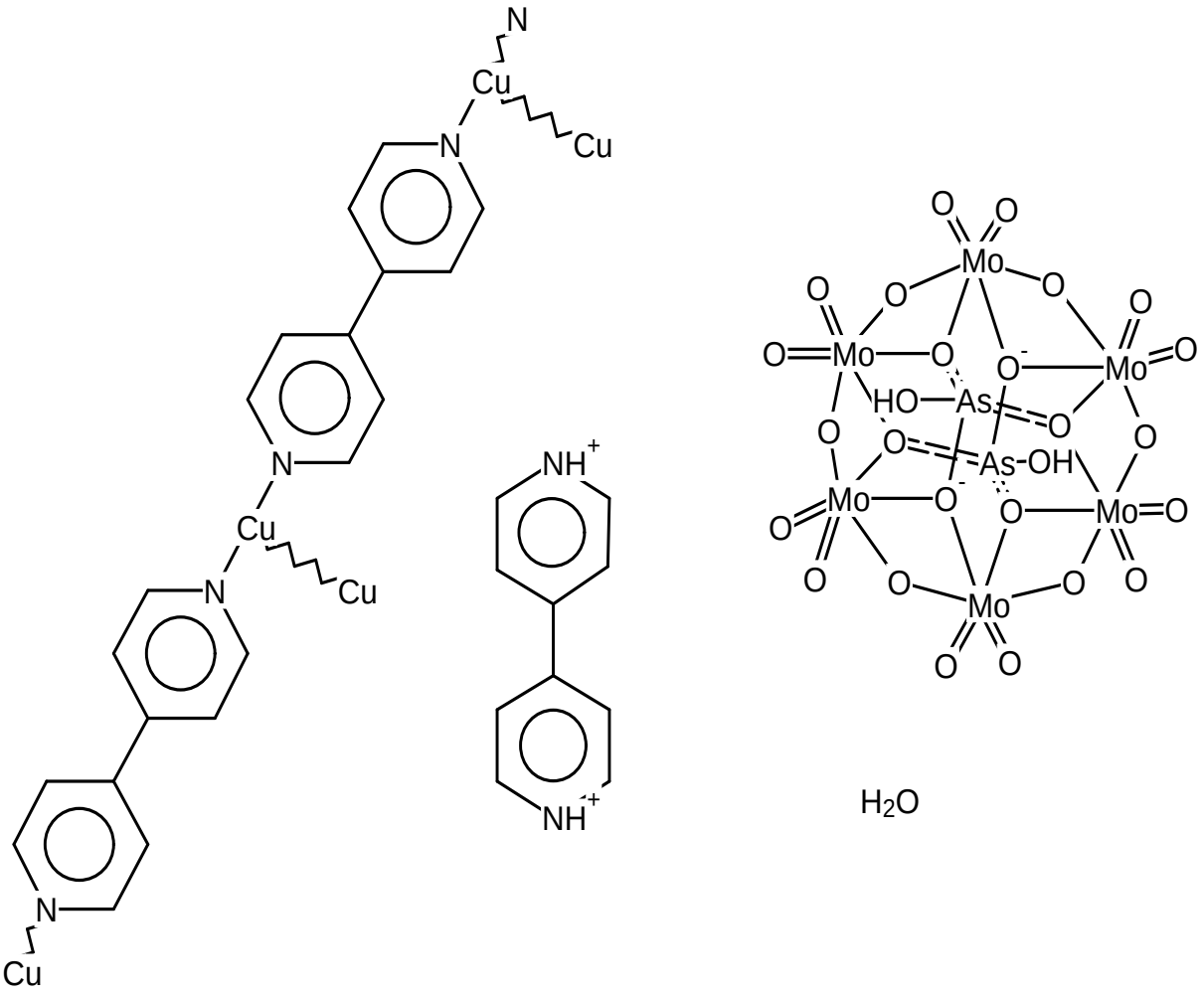
Reference: Chunyan Sun, Yangguang Li, Enbo Wang, Dongrong Xiao, Haiyan An, Lin Xu (2007) *Inorg.Chem. ,***46,**1563

Formula: $(C_{20}\ H_{16}\ Cu_2\ N_4)n,n(C_{10}\ H_{10}\ N_2\ ^{2+}),n(H_2\ As_2\ Mo_6\ O_{26}\ ^{2-}),n(H_2\ O_1)$

Compound Name: catena-((bis(μ_2-4,4'-bipyridinium)-di-copper) 4,4'-bipyridinium bis(μ_6-hydrogen arsenato)-hexakis(μ_2-oxo)-dodecaoxo-hexa-molybdenum monohydrate)

Space Group:	P-1	***Cell:***	***a***	10.852(2)	***b***	11.389(2)	***c***	11.976(2)
Space Group No.:	2	***(Å,°)***	α	66.89(3)	β	84.75(3)	γ	64.78(3)

R-Factor (%): 7.85 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.382



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2677

WICCIV

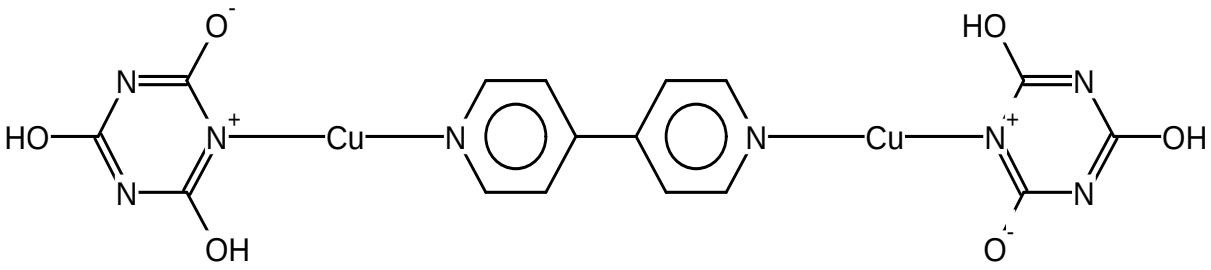
Reference: Qi Yue, Jin Yang, Hong-Ming Yuan, Jie-Sheng Chen (2006) *Chin.J.Chem.* ,**24,**1045

Formula: $C_{16}\ H_{12}\ Cu_2\ N_8\ O_6$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(4,6-dihydroxy-1,3,5-triazin-2(1H)-olato)-di-copper(i)

Space Group:	P21/n	***Cell:***	***a***	13.481(0)	***b*** 4.523(0)	***c***	15.495(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.53(0)	γ	90.00

R-Factor (%): 3.78 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.968



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2678

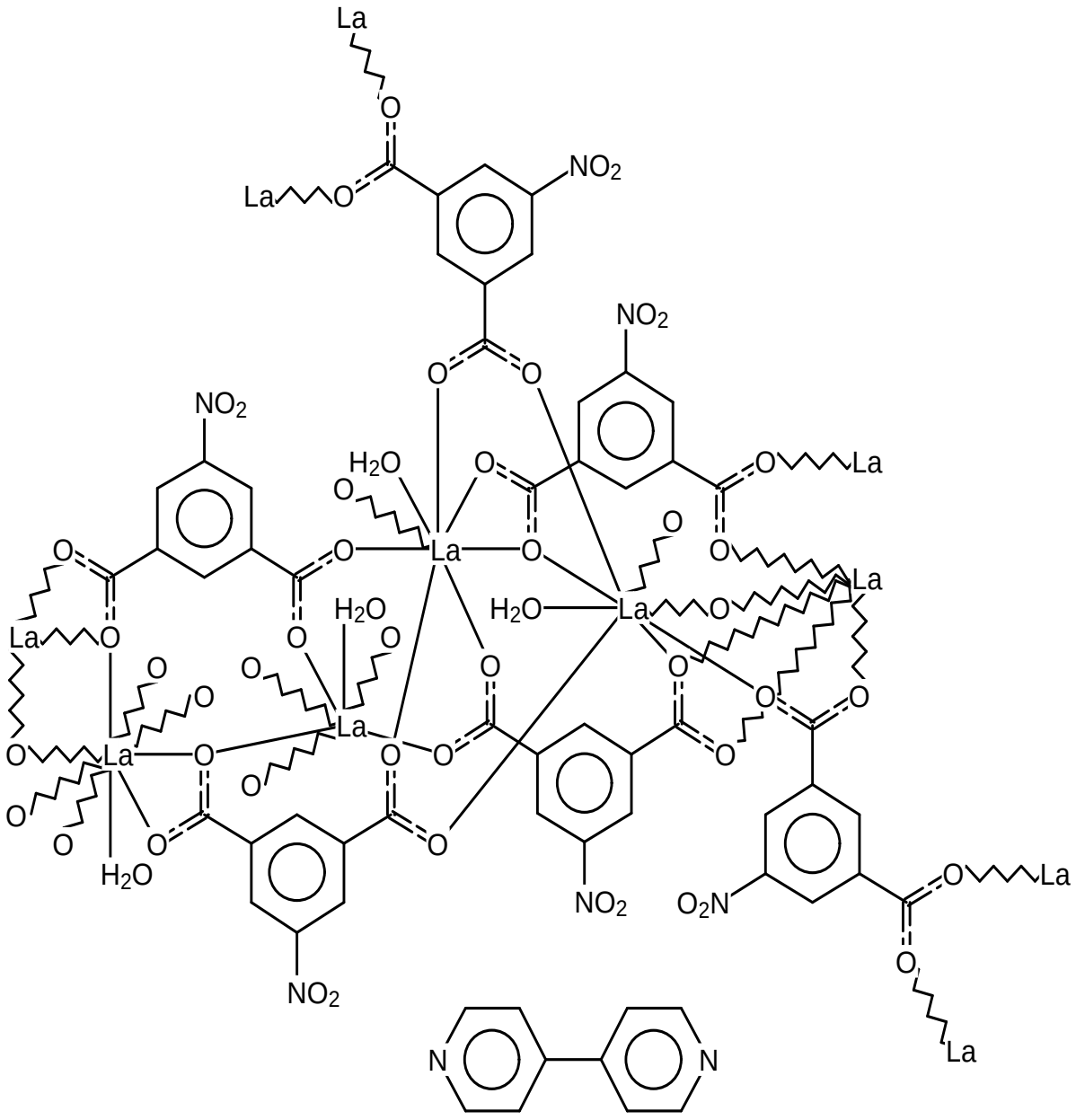
WICNEC

Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{48}\ H_{26}\ La_4\ N_6\ O_{40})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_4-5-Nitroisophthalato-O,O,O',O'',O''')-bis(μ_4-5-nitroisophthalato-O,O',O'',O''')-tetra-aqua-tetra-lanthanum(iii) 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	12.336(3)	***b***	13.411(3)	***c***	22.475(5)
Space Group No.:	2	***(Å,°)***	α	76.27(3)	β	75.26(3)	γ	67.95(3)
R-Factor (%):	2.78	***Temperature(K):***	293		***Density(g/cm^3):***		2.057	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2679

WICNIG

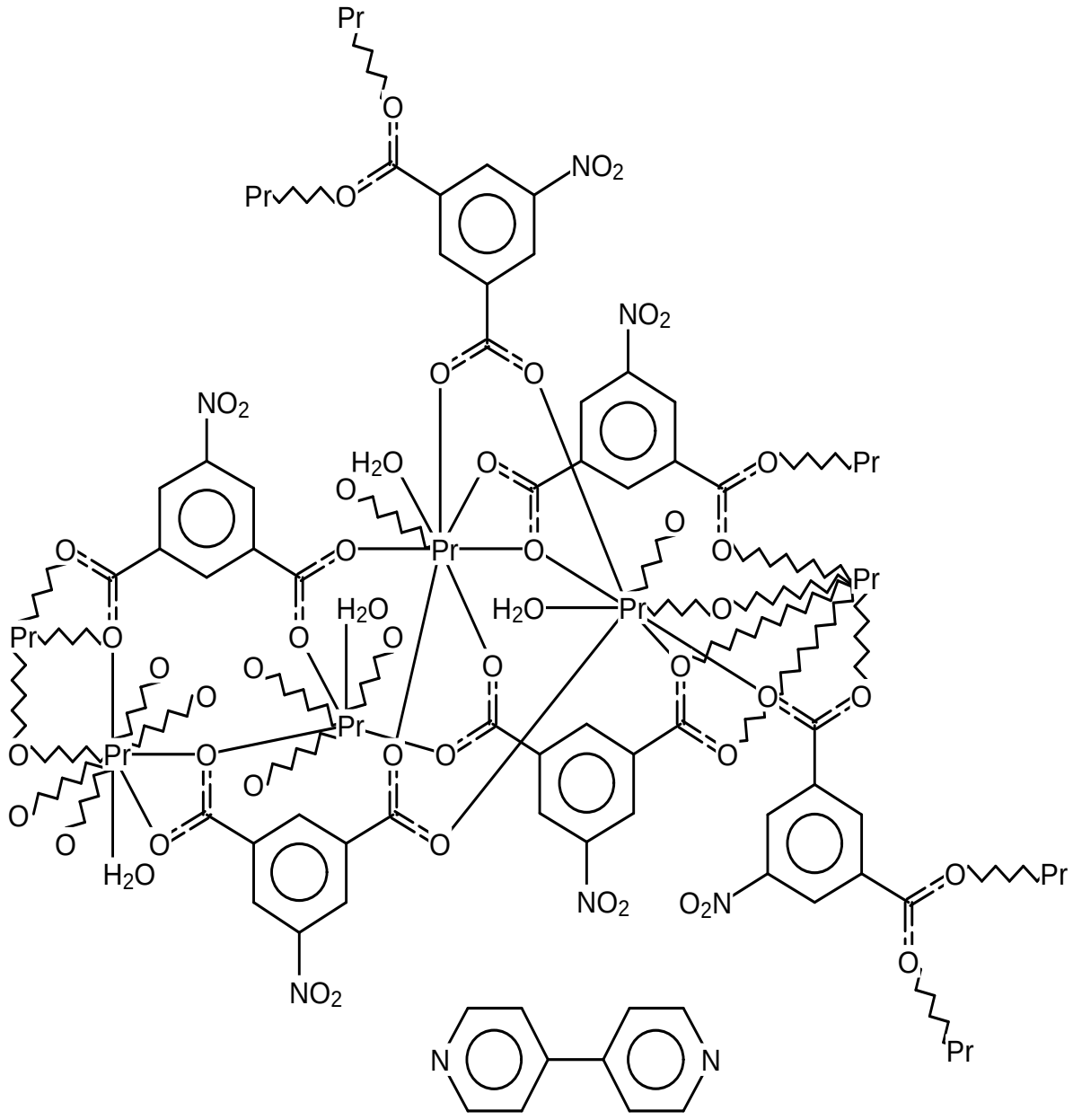
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{48}\ H_{26}\ N_6\ O_{40}\ Pr_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_4-5-Nitroisophthalato-O,O,O',O'',O''')-bis(μ_4-5-nitroisophthalato-O,O',O'',O''')-tetra-aqua-tetra-praseodymium(iii) 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	12.275(3)	***b***	13.386(3)	***c***	22.313(5)
Space Group No.:	2	***(Å,°)***	α	76.23(3)	β	75.33(3)	γ	68.03(3)

R-Factor (%): 3.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.093



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2680

WICNOM

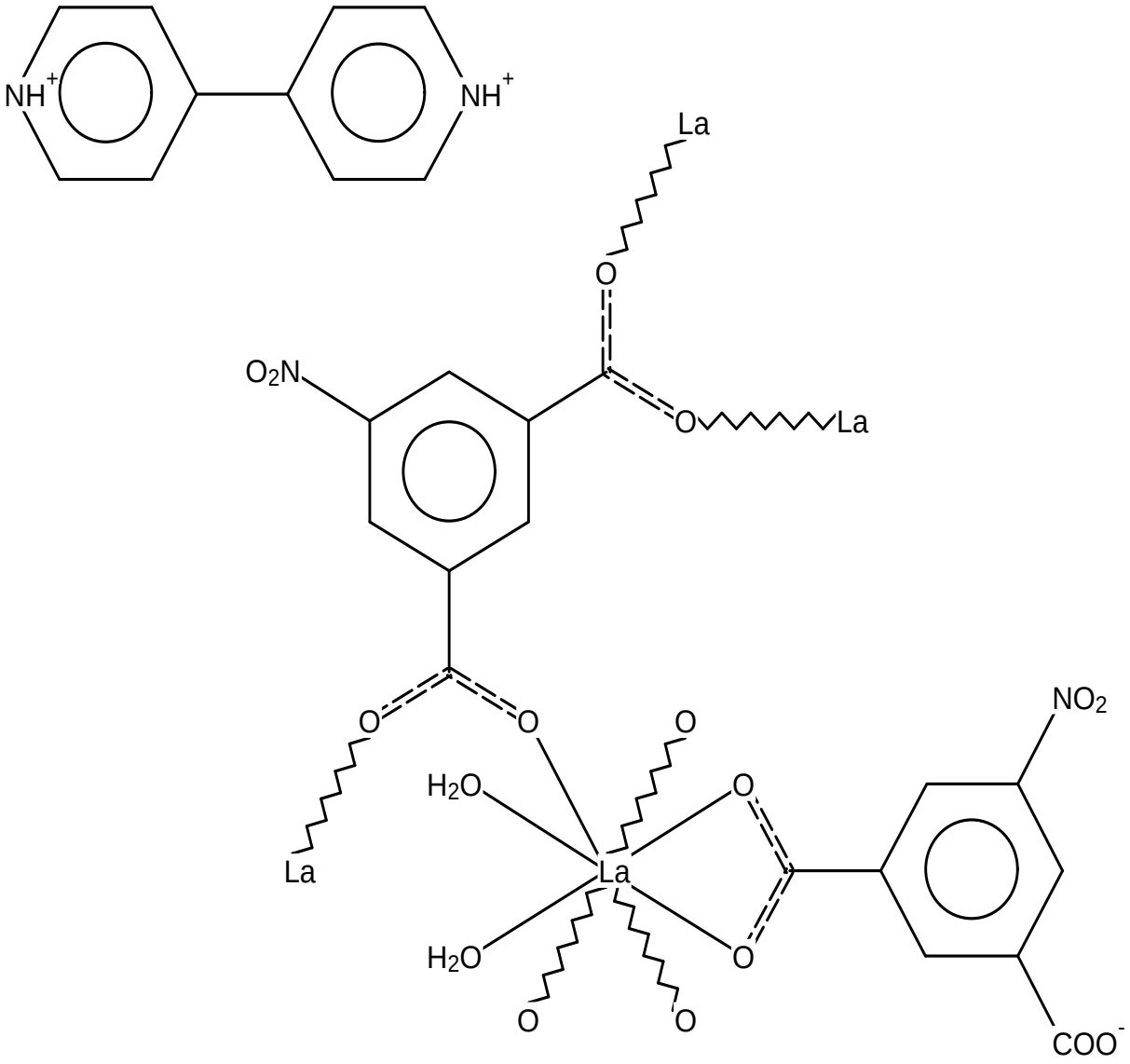
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_{10}\ La_1\ N_2\ O_{14}\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_4-5-nitroisophthalato-O,O',O'',O''')-diaqua-(5-nitroisophthalato-O,O')-lanthanum(iii))

Space Group:	P-1	***Cell:***	***a***	9.798(2)	***b*** 10.729(2)	***c***	13.238(3)
Space Group No.:	2	***(Å,°)***	α	94.33(3)	β 102.05(3)	γ	115.42(3)

R-Factor (%): 4.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.849



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2681

WICNUS

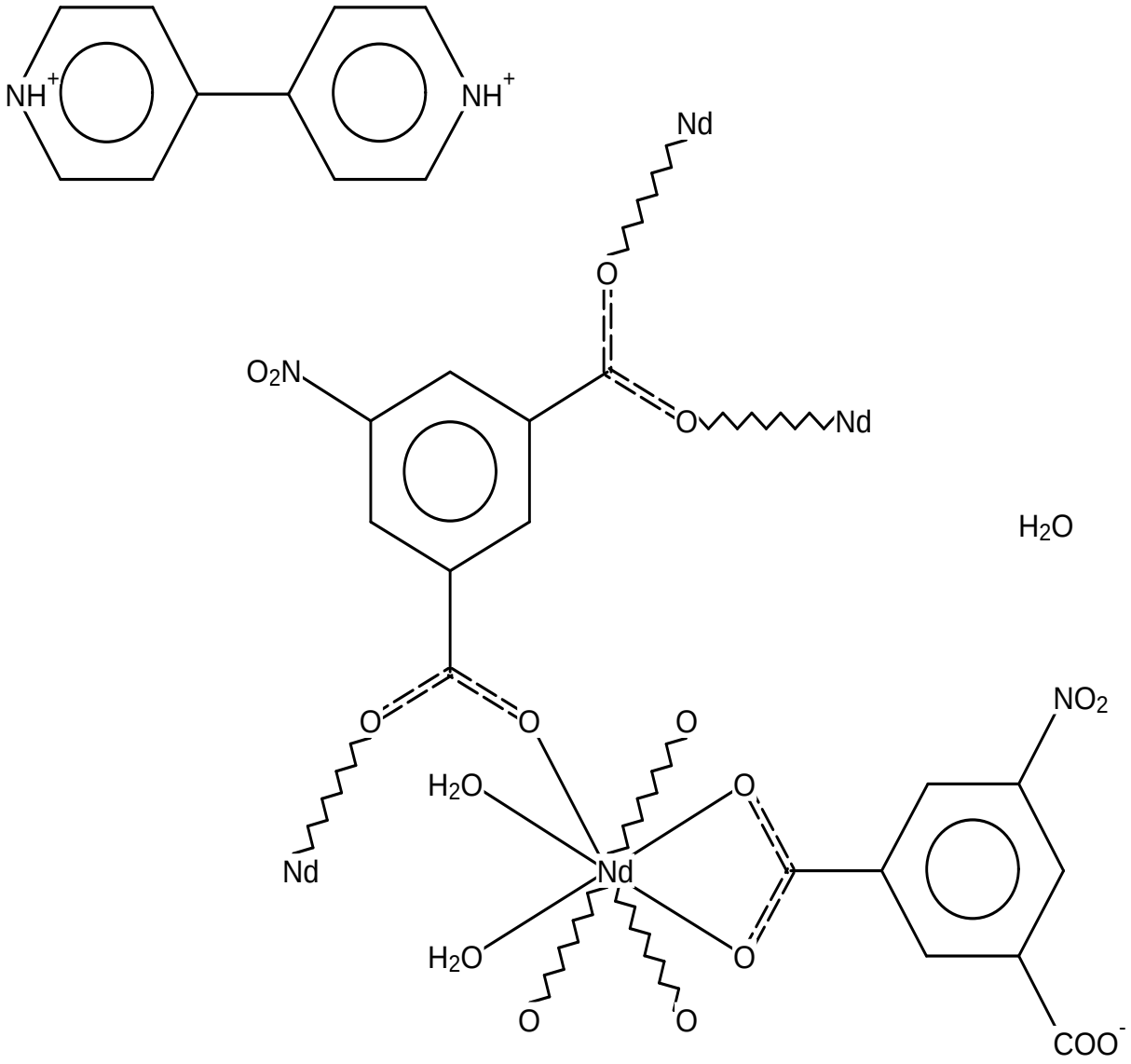
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_{10}\ N_2\ Nd_1\ O_{14}\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(H_2\ O_1)$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_4-5-nitroisophthalato-O,O',O'',O''')-diaqua-(5-nitroisophthalato-O,O')-neodymium(iii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.885(2)	***b*** 10.786(2)	***c***	13.178(3)
Space Group No.:	2	***(Å,°)***	α	94.95(3)	β 101.36(3)	γ	116.45(3)

R-Factor (%): 3.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.961



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2682

WICPAA

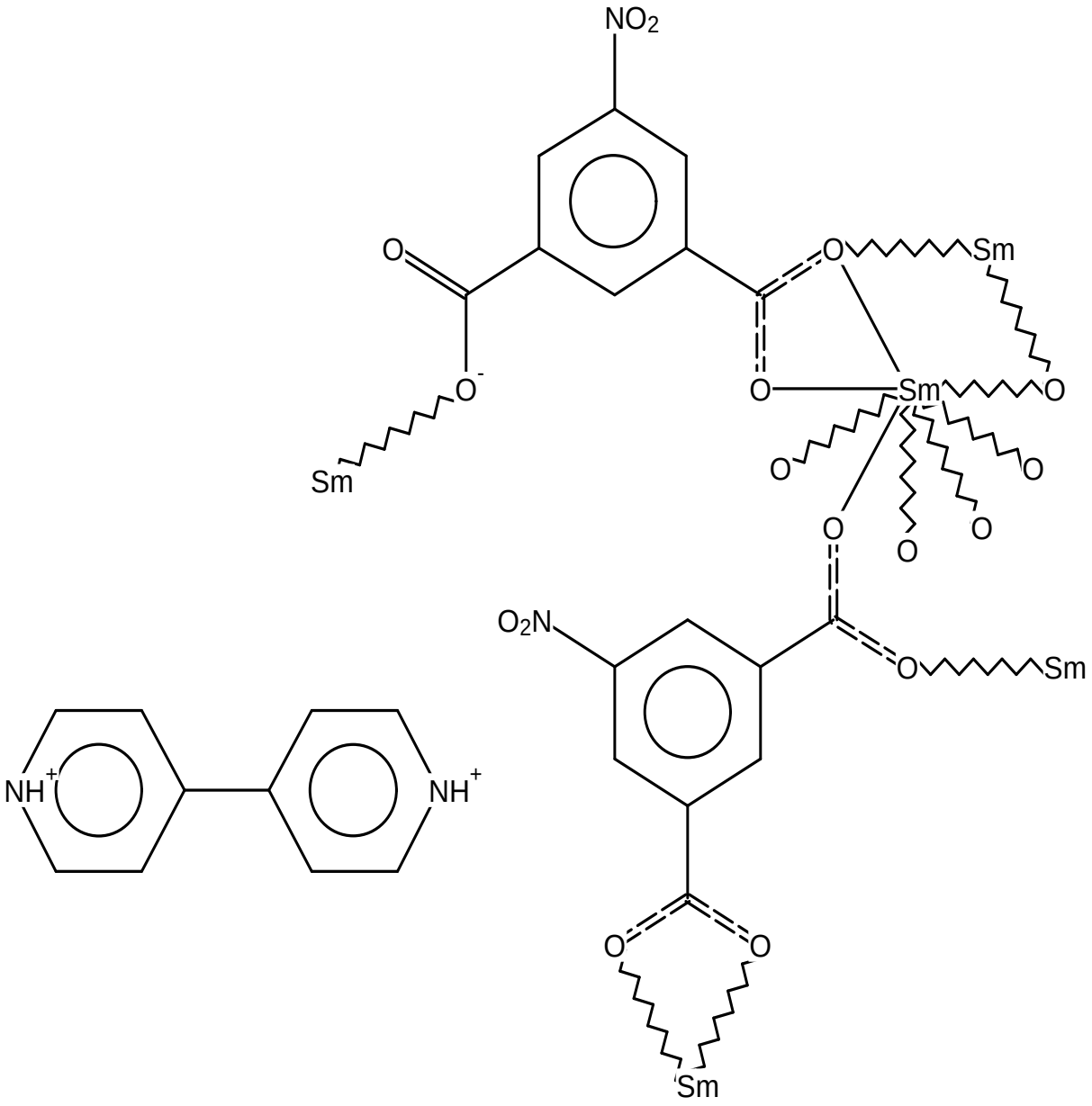
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_6\ N_2\ O_{12}\ Sm_1\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_3-5-nitroisophthalato-O,O',O'',O''')-(μ_3-5-nitroisophthalato-O,O,O',O'')-samarium(iii))

Space Group:	P-1	***Cell:***	***a***	8.664(1)	***b***	9.389(1)	***c*** 13.781(3)
Space Group No.:	2	***(Å,°)***	α	85.33(3)	β	78.10(3)	γ 74.43(3)

R-Factor (%): 3.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.037



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2683

WICPEE

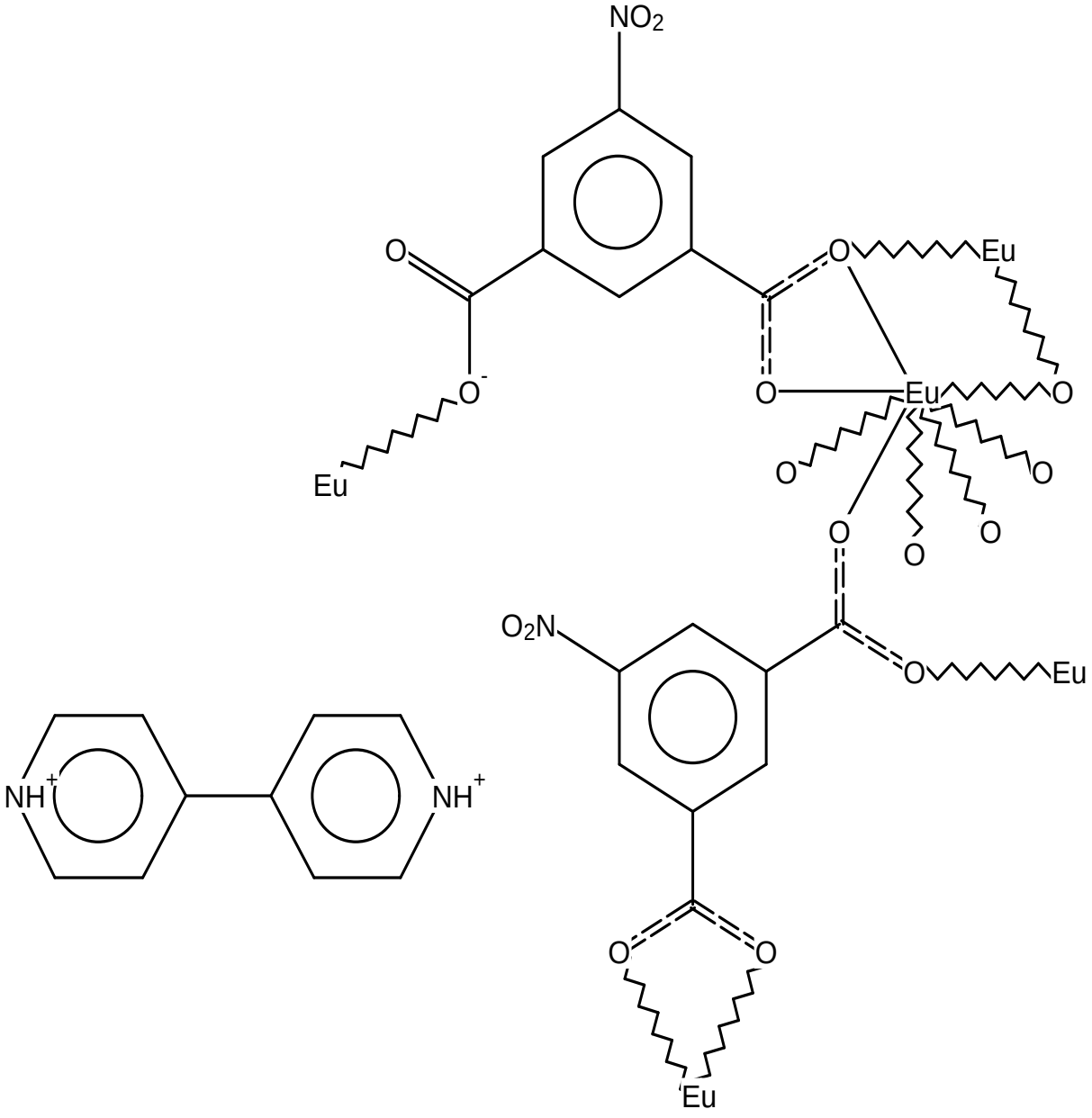
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_6\ Eu_1\ N_2\ O_{12}\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_3-5-nitroisophthalato-O,O',O'',O''')-(μ_3-5-nitroisophthalato-O,O,O',O'')-europium(iii))

Space Group:	P-1	***Cell:***	***a***	8.656(1)	***b***	9.399(1)	***c*** 13.812(3)
Space Group No.:	2	***(Å,°)***	α	85.16(3)	β	78.16(3)	γ 74.51(3)

R-Factor (%): 2.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.036



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2684

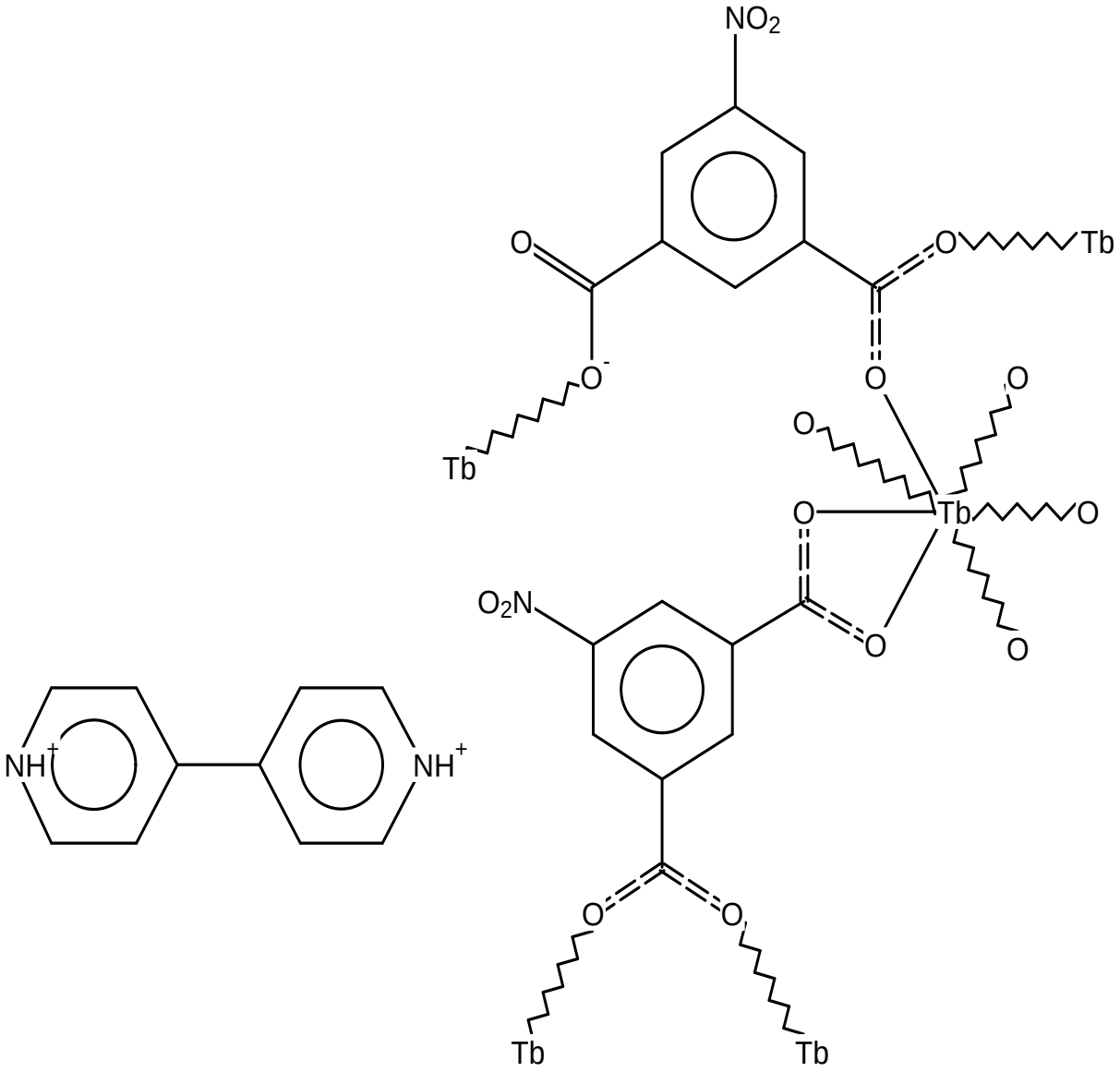
WICPII

Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_6\ N_2\ O_{12}\ Tb_1\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_3-5-nitroisophthalato-O,O',O'',O''')-(μ_3-5-nitroisophthalato-O,O',O'')-terbium(iii))

Space Group:	P-1	***Cell:***	***a***	8.660(1)	***b***	9.388(1)	***c*** 13.796(3)
Space Group No.:	2	***(Å,°)***	α	85.10(3)	β	78.24(3)	γ 74.21(3)
R-Factor (%):	2.93	***Temperature(K):***	293	***Density(g/cm^3):***	2.064		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2685

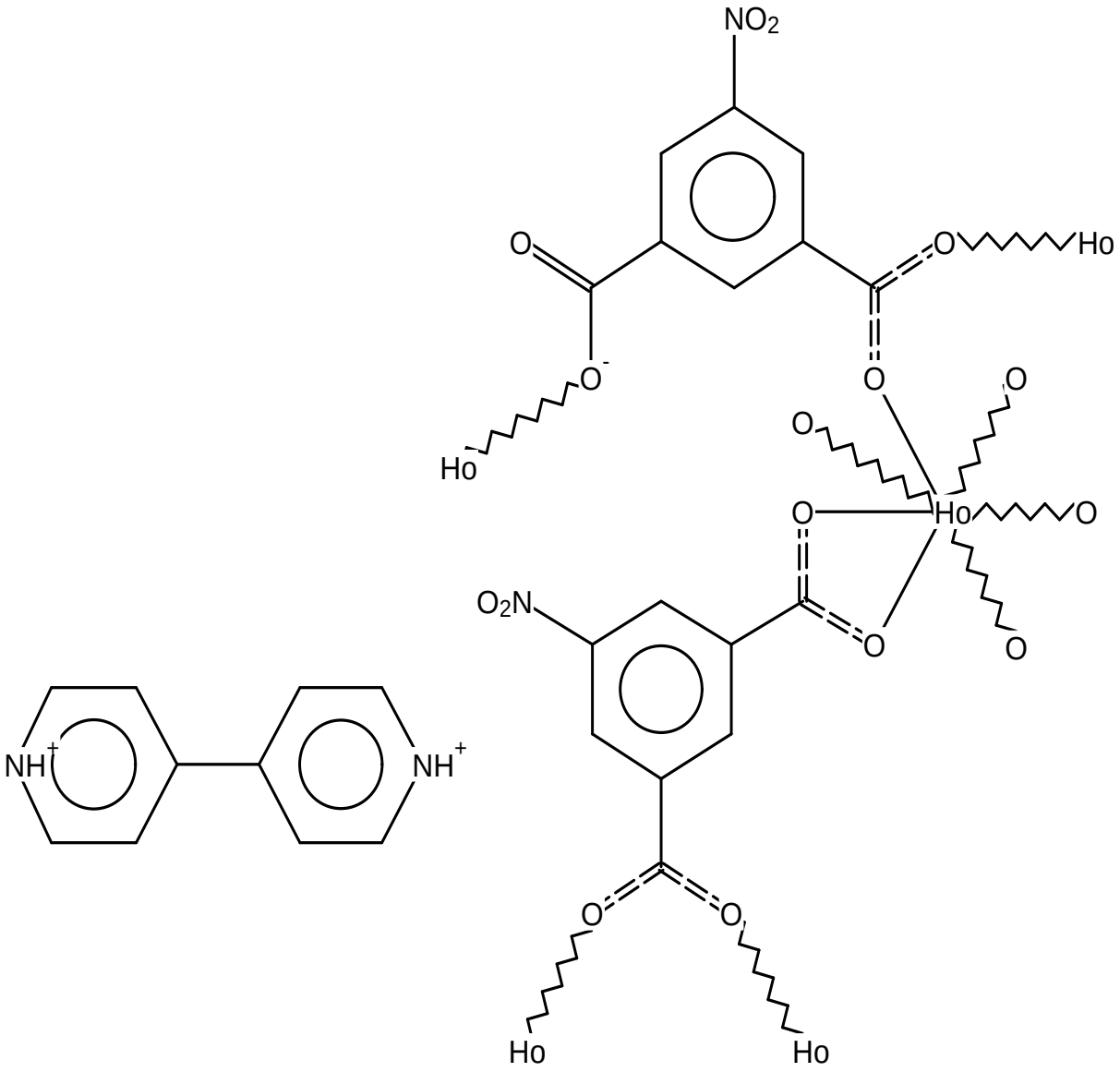
WICPOO

Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_6\ Ho_1\ N_2\ O_{12}\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_3-5-nitroisophthalato-O,O',O'',O''')-(μ_3-5-nitroisophthalato-O,O',O'')-holmium(iii))

Space Group:	P-1	***Cell:***	***a***	8.671(1)	***b***	9.375(1)	***c*** 13.804(3)
Space Group No.:	2	***(Å,°)***	α	84.93(3)	β	77.99(3)	γ 73.92(3)
R-Factor (%):	2.28	***Temperature(K):***	293	***Density(g/cm^3):***	2.086		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2686

WICPUU

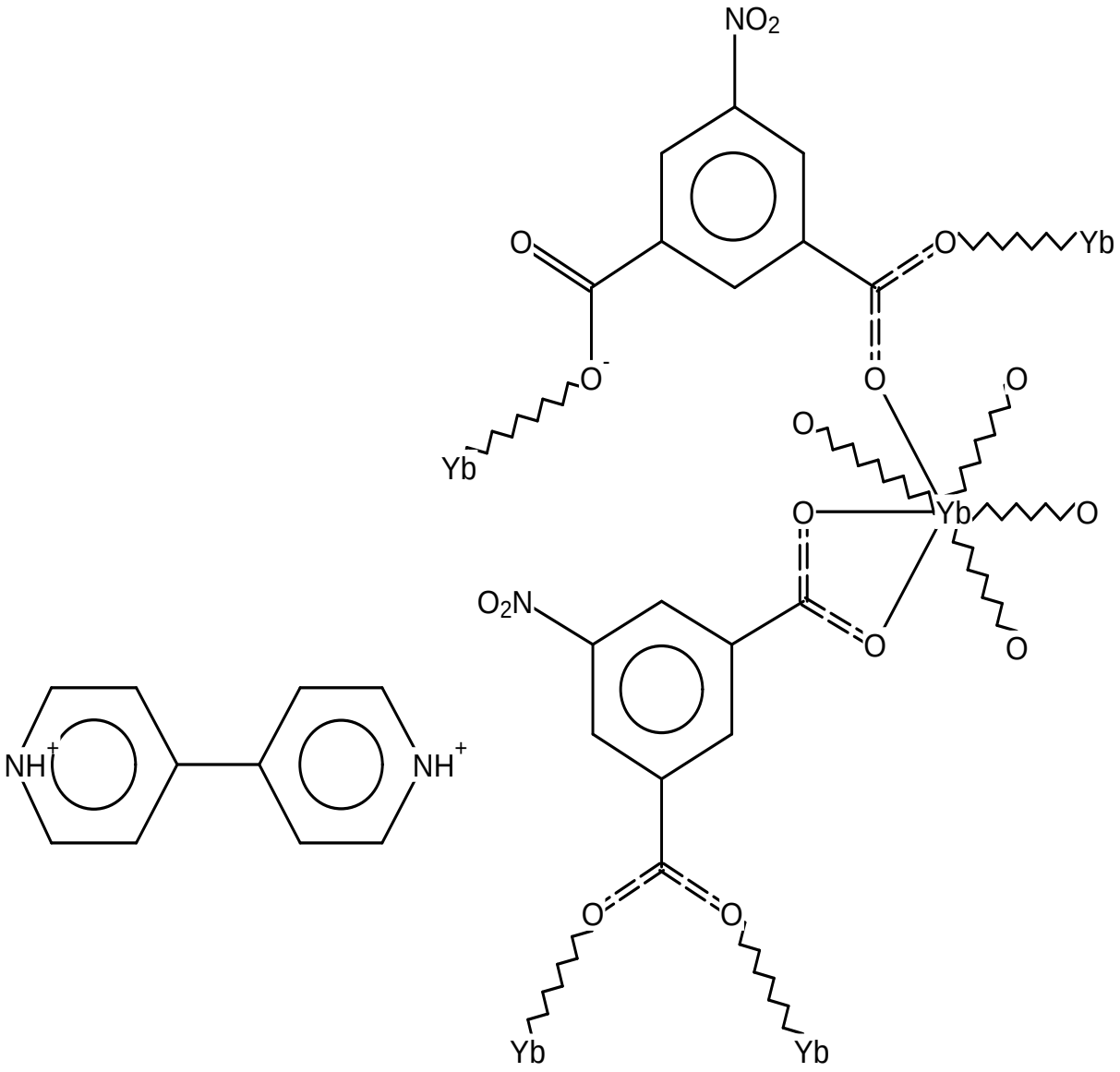
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_6\ N_2\ O_{12}\ Yb_1\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+})$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_3-5-nitroisophthalato-O,O',O'',O''')-(μ_3-5-nitroisophthalato-O,O',O'')-ytterbium(iii))

Space Group:	P-1	***Cell:***	***a***	8.672(1)	***b***	9.367(1)	***c*** 13.849(3)
Space Group No.:	2	***(Å,°)***	α	84.74(3)	β	77.93(3)	γ 73.63(3)

R-Factor (%): 3.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.111



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2687

WICQAB

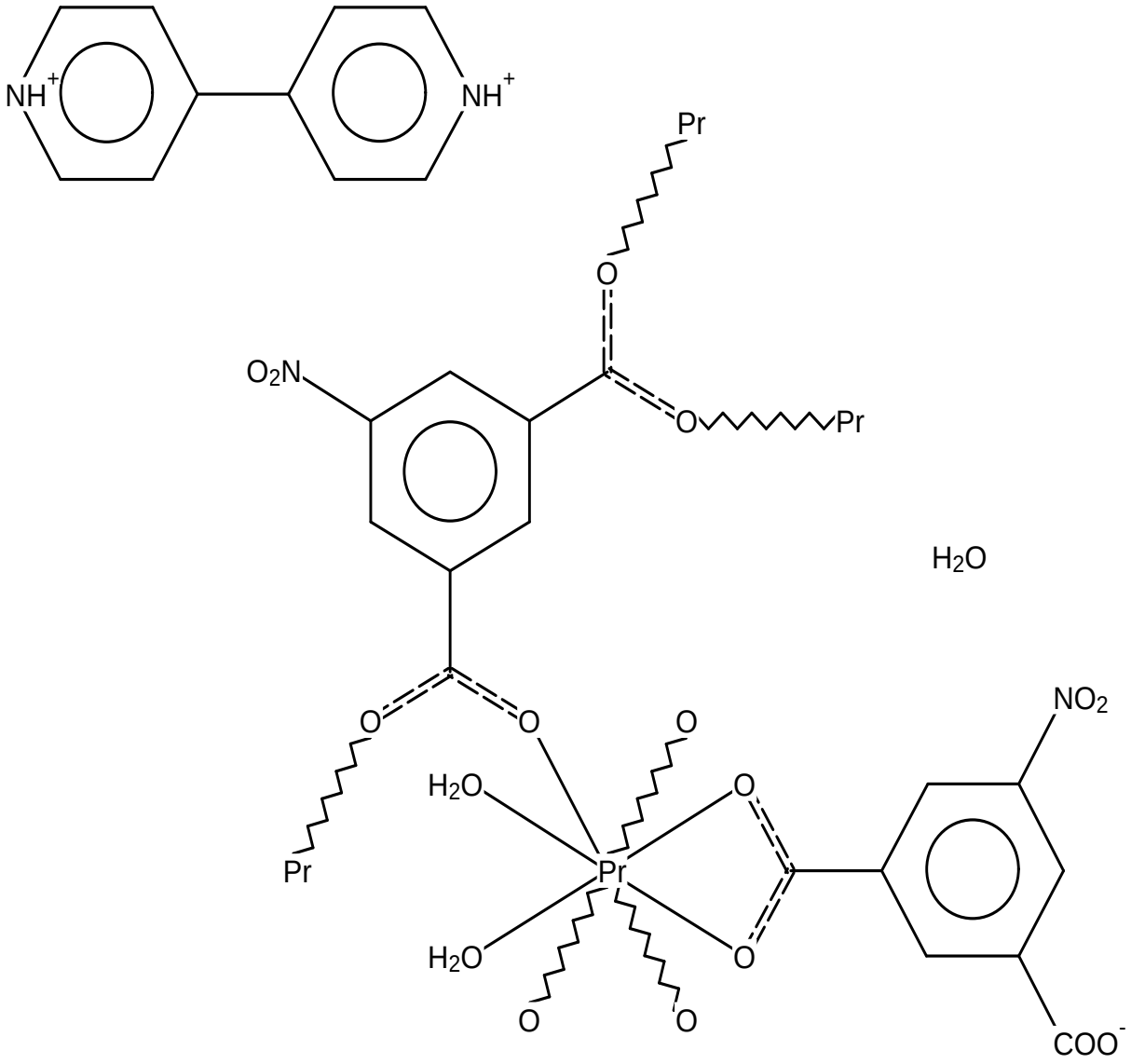
Reference: Jun-Wei Ye, Jia Wang, Jing-Ying Zhang, Ping Zhang, Yue Wang (2007) *CrystEngComm* ,**9,**515

Formula: $(C_{16}\ H_{10}\ N_2\ O_{14}\ Pr_1\ ^{1-})n,0.5n(C_{10}\ H_{10}\ N_2\ ^{2+}),2n(H_2\ O_1)$

Compound Name: catena-(hemikis(4,4'-Bipyridinium) (μ_4-5-nitroisophthalato-O,O',O'',O''')-diaqua-(5-nitroisophthalato-O,O')-praseodymium(iii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.978(2)	***b*** 10.900(2)	***c***	13.237(3)
Space Group No.:	2	***(Å,°)***	α	74.72(3)	β 78.43(3)	γ	62.90(3)

R-Factor (%): 4.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.917



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2688

WIDSUY

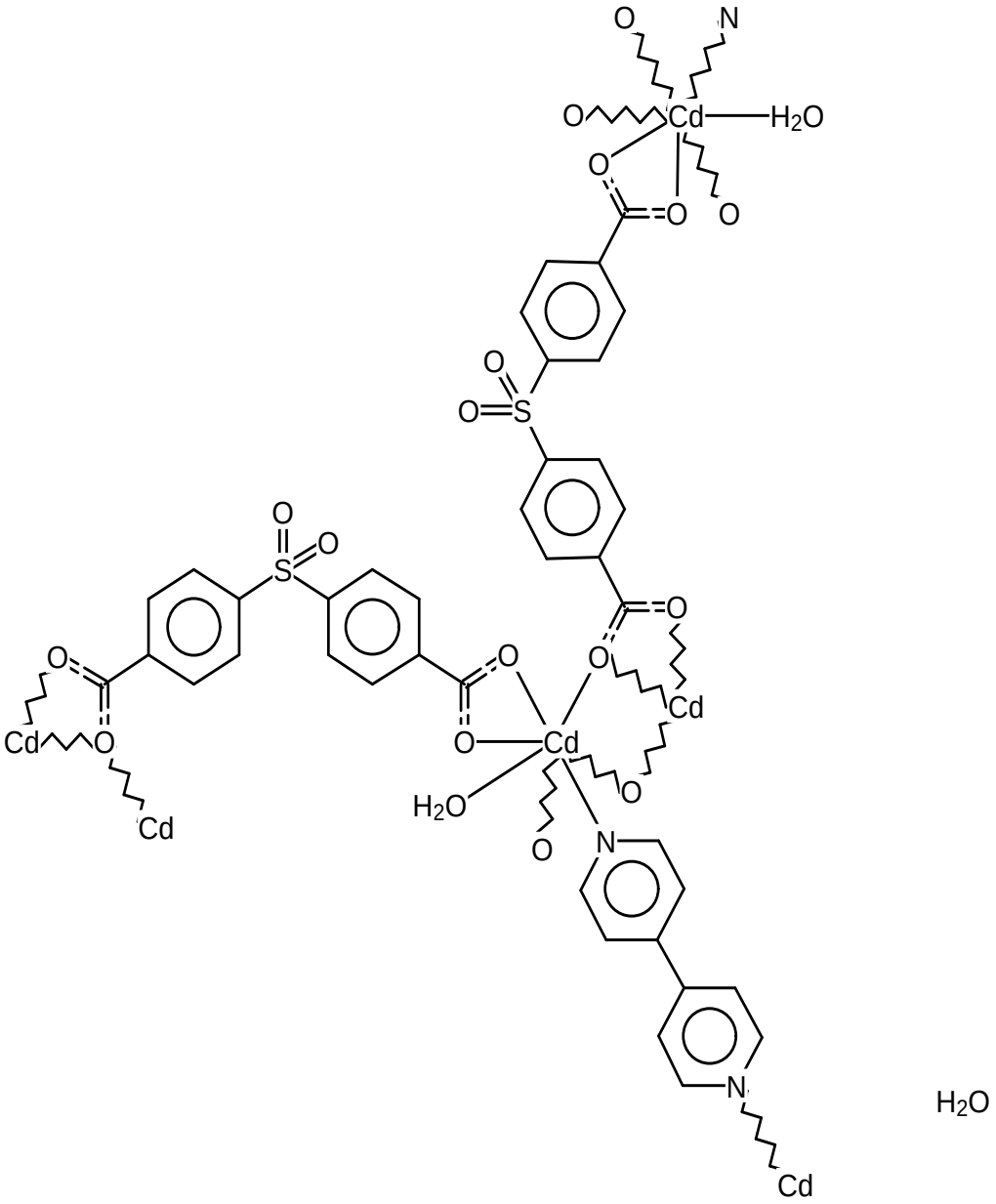
Reference: Dong-Rong Xiao, Yang-Guang Li, En-Bo Wang, Lin-Lin Fan, Hai-Yan An, Zhong-Min Su, Lin Xu (2007) *Inorg.Chem.* , **46,**4158

Formula: $(C_{38}\ H_{28}\ Cd_2\ N_2\ O_{14}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-4,4'-sulfonyldibenzoato)-(μ_2-4,4'-bipyridine)-diaqua-di-cadmium dihydrate)

Space Group:	C2/c	***Cell:***	***a***	19.144(4)	***b*** 9.934(2)	***c***	21.129(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.90(3)	γ	90.00

R-Factor (%): 2.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.787



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2689

WIDSUY01

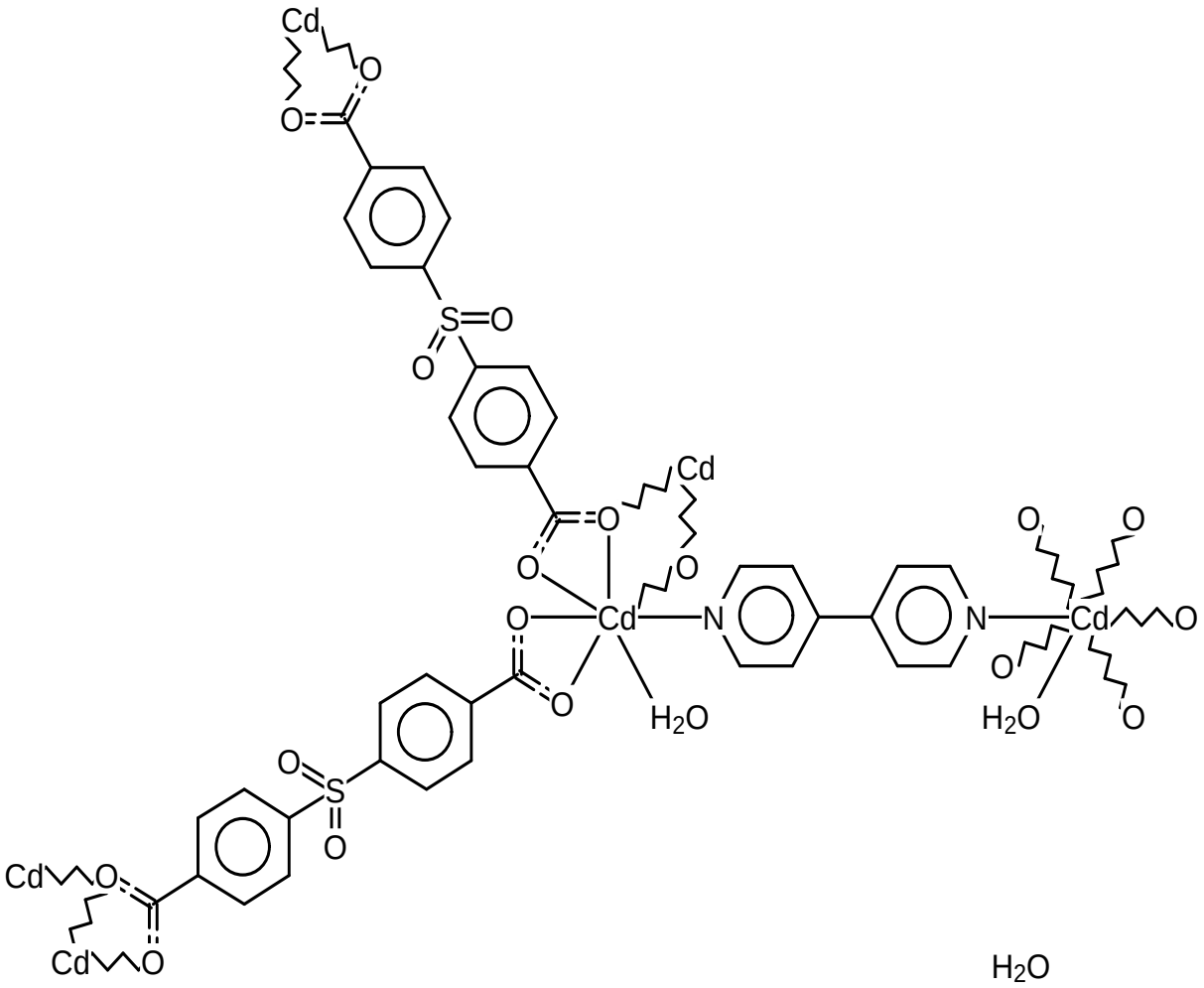
Reference: Guang-Xiang Liu, Kun Zhu, Huan-Min Xu, S.Nishihara, Rong-Yi Huang, Xiao-Ming Ren (2009) *CrystEngComm* ,**11,**2784

Formula: $(C_{38}\ H_{28}\ Cd_2\ N_2\ O_{14}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-bis(4-Carboxyphenyl)sulfone)-(μ_2-4,4'-bipyridyl)-diaqua-di-cadmium dihydrate)

Space Group:	C2/c	***Cell:***	***a***	19.353(1)	***b*** 9.958(0)	***c***	21.032(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.08(0)	γ	90.00

R-Factor (%): 2.13 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.773



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2690

WIDTAF

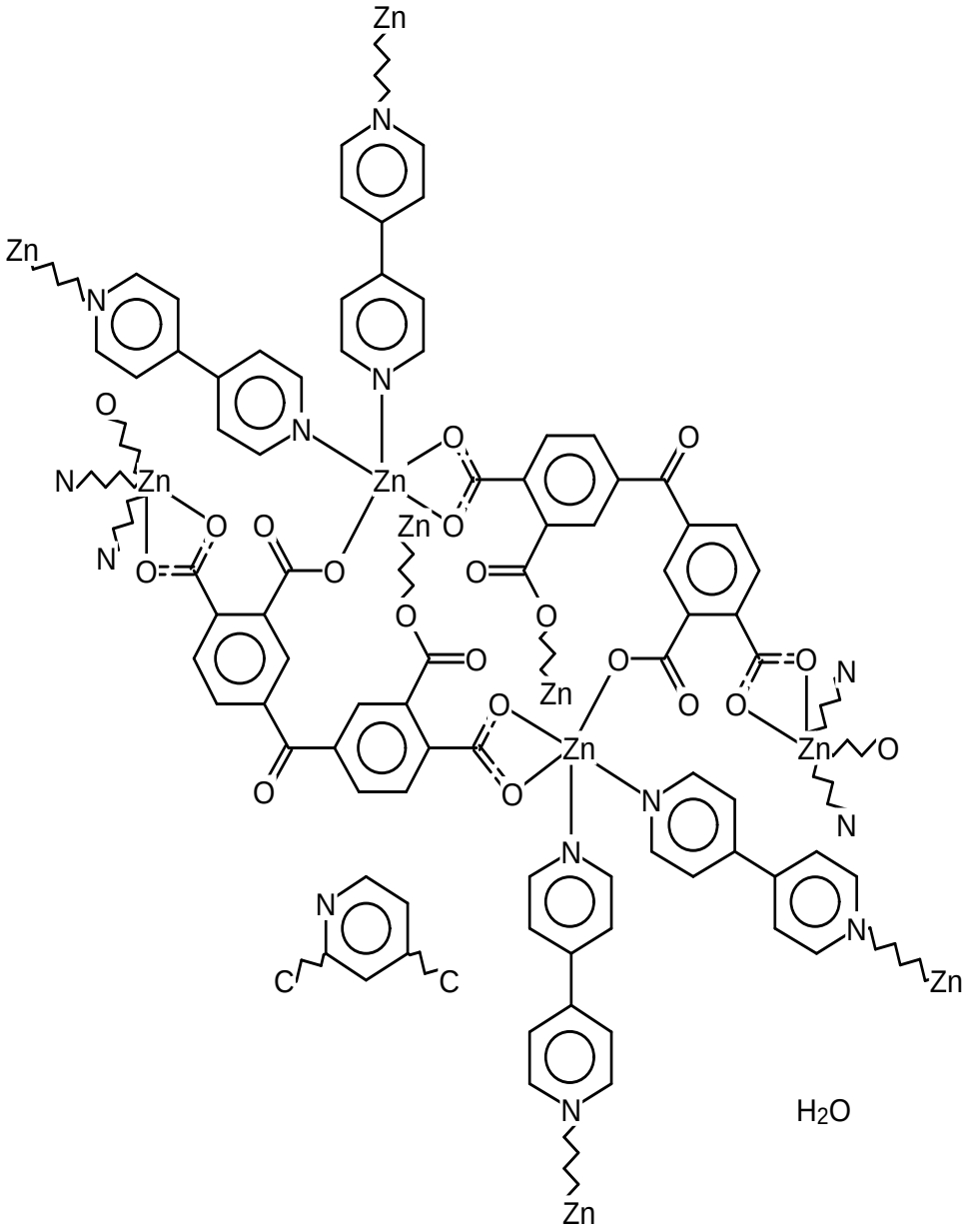
Reference: Dong-Rong Xiao, Yang-Guang Li, En-Bo Wang, Lin-Lin Fan, Hai-Yan An, Zhong-Min Su, Lin Xu (2007) *Inorg.Chem. ,* **46,**4158

Formula: $(C_{74}\ H_{44}\ N_8\ O_{18}\ Zn_4)n,n(C_5\ H_3\ N_1),4n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-3,3',4,4'-benzophenonetetracarboxylato)-tetrakis(μ_2-4,4'-bipyridine)-tetra-zinc poly(pyridine-2,4-diyl) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	18.786(4)	***b*** 16.768(3)	***c***	12.803(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.02(3)	γ	90.00

R-Factor (%): 7.67 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.458



Search: search1 (Thu May 26 10:05:42 2011): Hit 2691

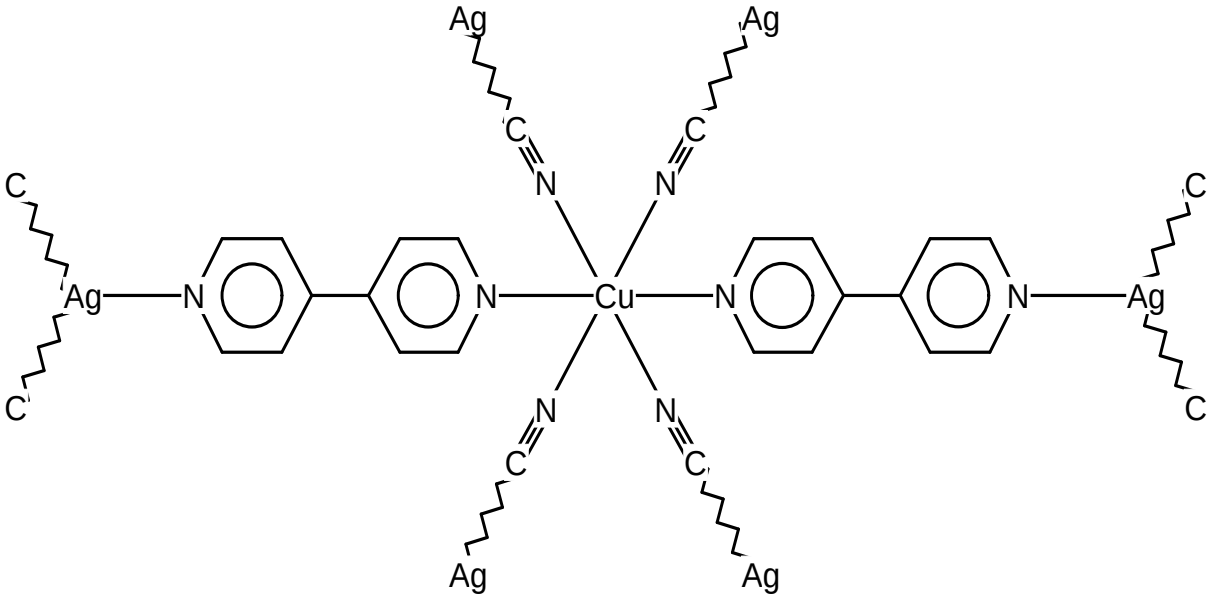
WIHMEG

Reference: J.Maher, R.E.Sykora (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2053

Formula: $(C_{24}\ H_{16}\ Ag_2\ Cu_1\ N_8)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-cyano-C,N)-copper(ii)-di-silver(i))

Space Group:	P21/n	***Cell:***	***a***	8.906(0)	***b*** 11.471(1)	***c***	12.592(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.48(0)	γ	90.00
R-Factor (%):	2.45	***Temperature(K):***	290		***Density(g/cm^3):***		1.873



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2692

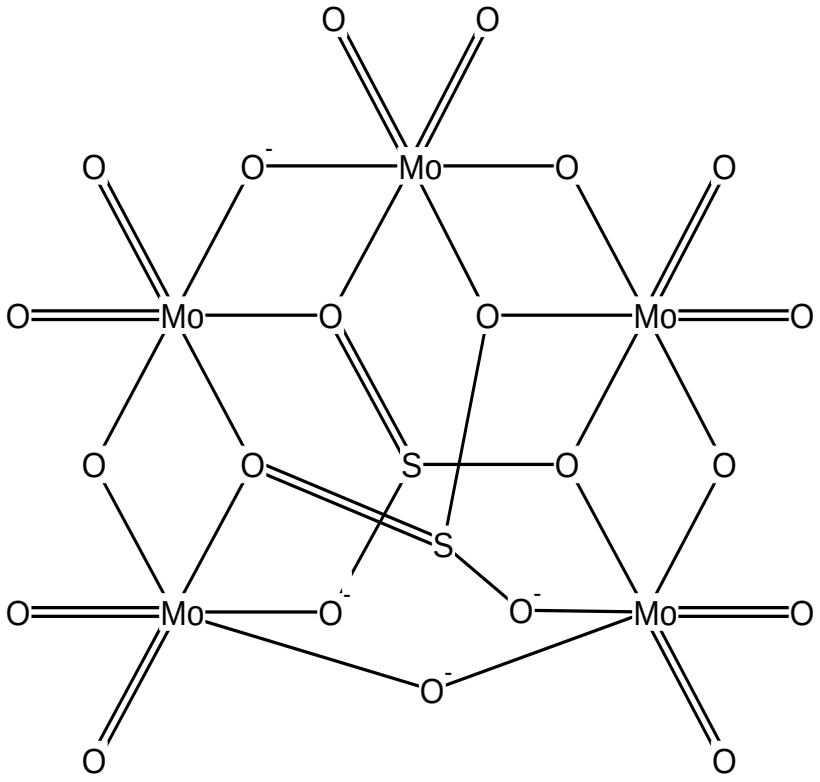
WIJDUP

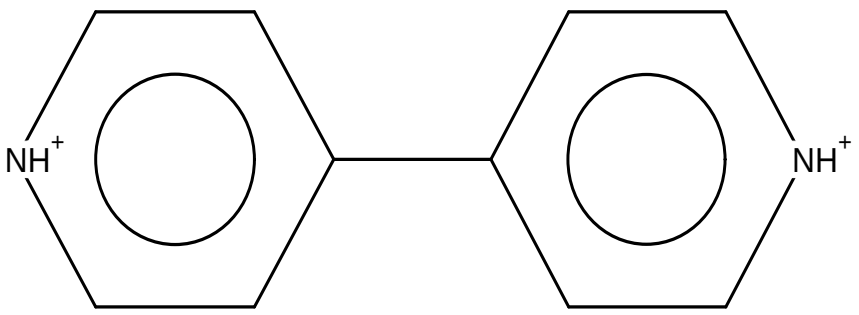
Reference: N.I.Kapakoglou, B.I.Panagiotis, S.E.Kazianis, C.E.Kosmidis, C.Drouza, M.J.Manos, M.P.Sigalas, A.D.Keramidas, T.A.Kabanos (2007) *Inorg.Chem. ,***46,**6002

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),Mo_5\ O_{21}\ S_2\ ^{4-},H_2\ O_1$

Compound Name: bis(4,4'-bipyridinium) cis-bis(μ_5-sulfito)-pentakis(μ_2-oxo)-decaoxo-penta-molybdenum(vi) monohydrate

Space Group:	C2	***Cell:***	***a***	20.277(1)	***b***	10.686(0)	***c*** 8.668(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β	113.96(0)	γ 90.00
R-Factor (%):	1.77	***Temperature(K):***	293		***Density(g/cm3):***		2.349





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2693

WIJMIM

Reference: C.Pariya, C.R.Sparrow, Chang-Keun Back, G.Sandi, F.R.Fronczek, A.W.Maverick (2007) *Angew.Chem.,Int.Ed. ,***46,**6305

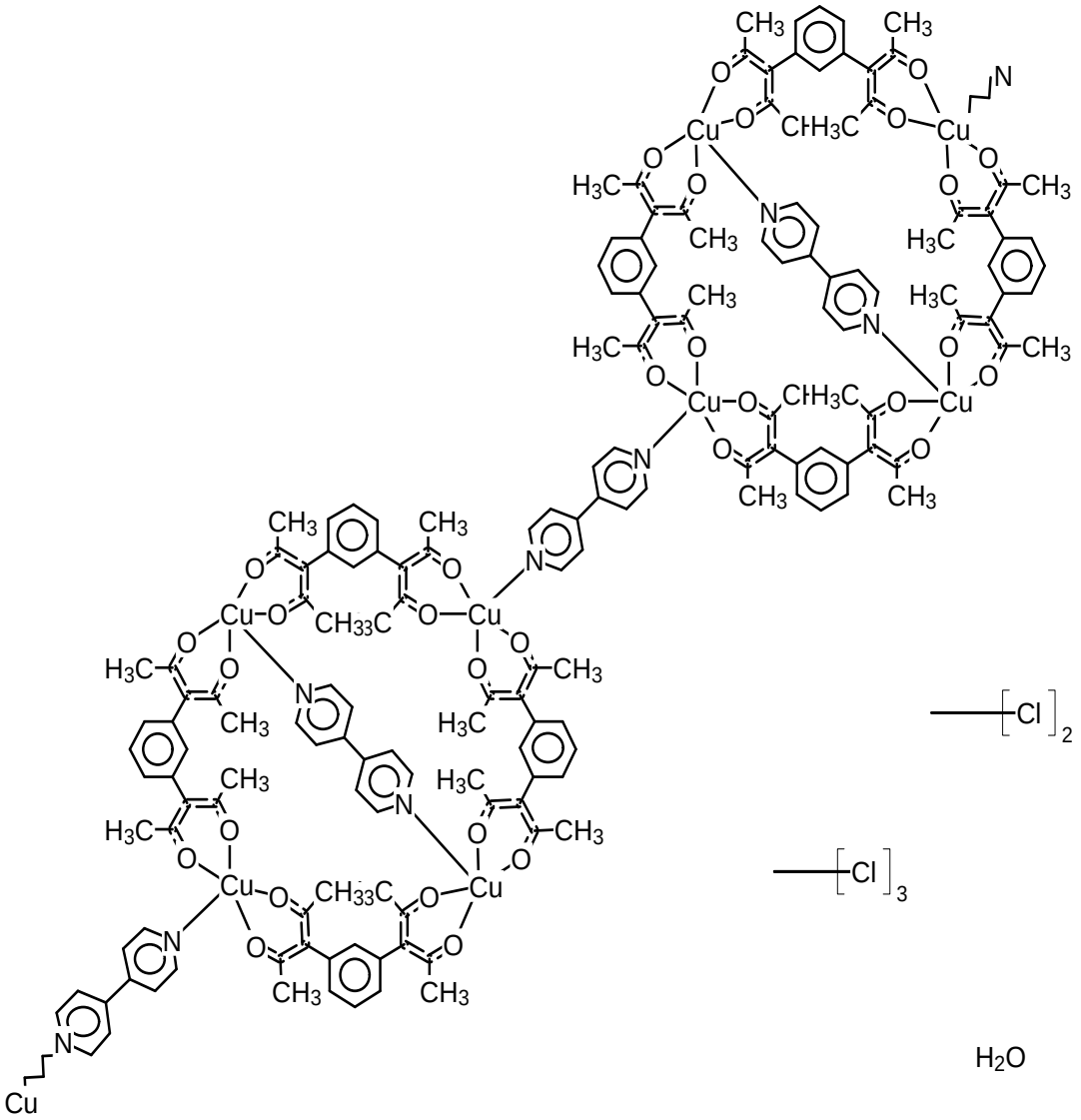
Formula: $(C_{168}\ H_{160}\ Cu_8\ N_8\ O_{32})n,3.48n(C_1\ H_2\ Cl_2),_3 4.52n(C_1\ H_1\ Cl_3),n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine)-octakis(μ_2-3,3'-(1,3-phenylene)bis(2,4-pentanedionato))-octa-copper(ii) chloroform dichloromethane solvate monohydrate)

Synonym: catena-(tetrakis(μ_2-4,4'-Bipyridine)-octakis(μ_2-m-phenylenebis(acetylacetonato))-octa-copper(ii) chloroform dichloromethane solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	14.824(3)	***b***	19.384(4)	***c*** 29.616(6)
Space Group No.:	2	***(Å,°)***	α	99.04(0)	β	97.75(1)	γ 101.78(0)

R-Factor (%): 8.80 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.587



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2694

WIKKIL

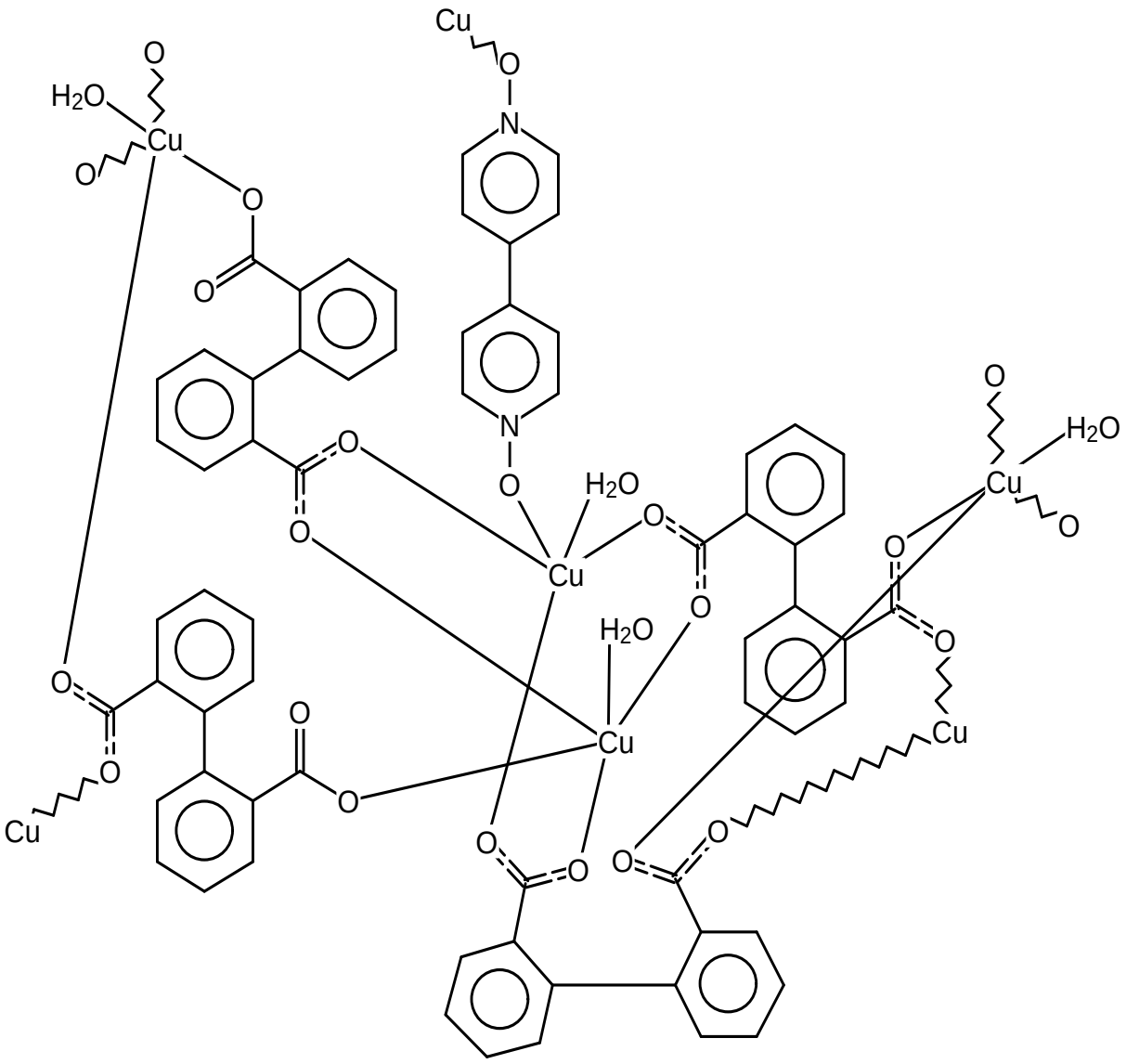
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Ye-Yan Qin, Lei Zhang, Yuan-Gen Yao (2007) *Inorg.Chim.Acta* ,**360,** 3525

Formula: $(C_{66}\ H_{48}\ Cu_4\ N_2\ O_{22})n$

Compound Name: catena-(bis((μ4-2,2'-Biphenyldicarboxylato)-(μ3-2,2'-biphenyldicarboxylato)-(μ2-4,4'-dipyridine-N,N'-dioxide))-tetra-aqua-tetra-copper(ii))

Space Group:	P-1	***Cell:***	***a***	10.511(1)	***b***	12.411(2)	***c*** 12.952(1)
Space Group No.:	2	***(Å,°)***	α	117.13(0)	β	91.30(0)	γ 106.59(0)

R-Factor (%): 5.24 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.728



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2695

WIKKOR

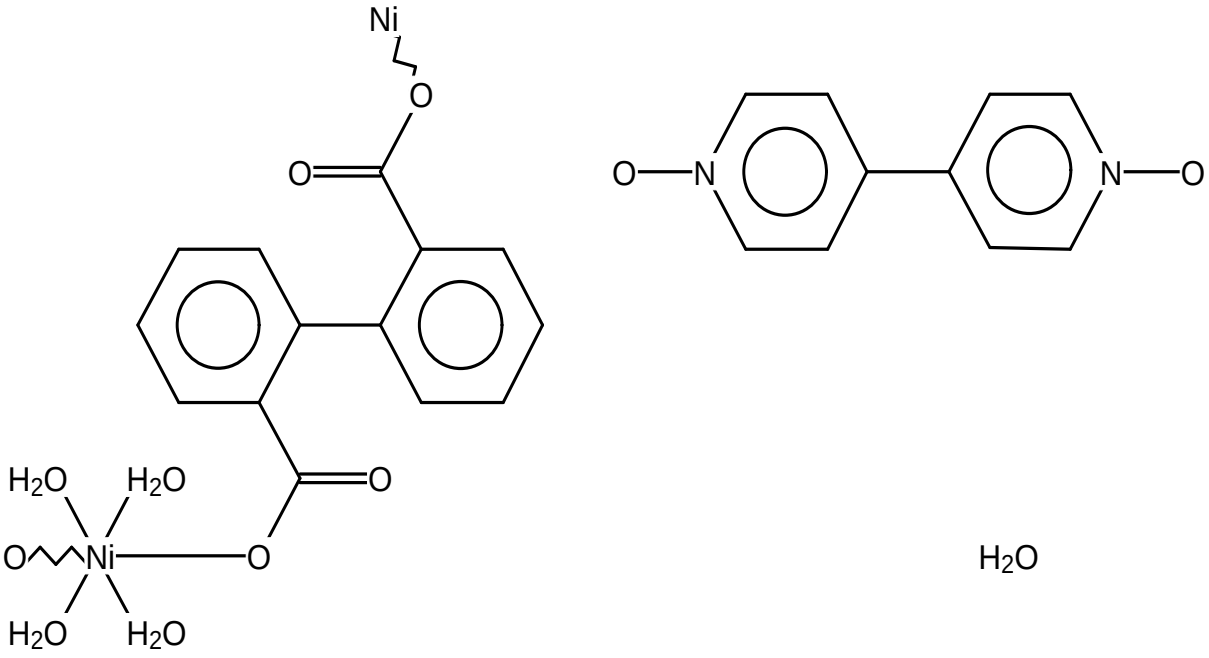
Reference: Pei-Xiu Yin, Jian Zhang, Zhao-Ji Li, Jian-Kai Cheng, Ye-Yan Qin, Lei Zhang, Yuan-Gen Yao (2007) *Inorg.Chim.Acta* ,**360,** 3525

Formula: $(C_{14}\ H_{16}\ Ni_1\ O_8)n,n(C_{10}\ H_8\ N_2\ O_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-2,2'-Biphenyldicarboxylato-O,O')-tetra-aqua-nickel 4,4'-dipyridine-N,N'-dioxide monohydrate clathrate)

Space Group:	P21/n	***Cell:***	***a***	10.118(0)	***b***	22.978(1)	***c*** 10.513(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.23(0)	γ 90.00

R-Factor (%): 4.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.575



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2696

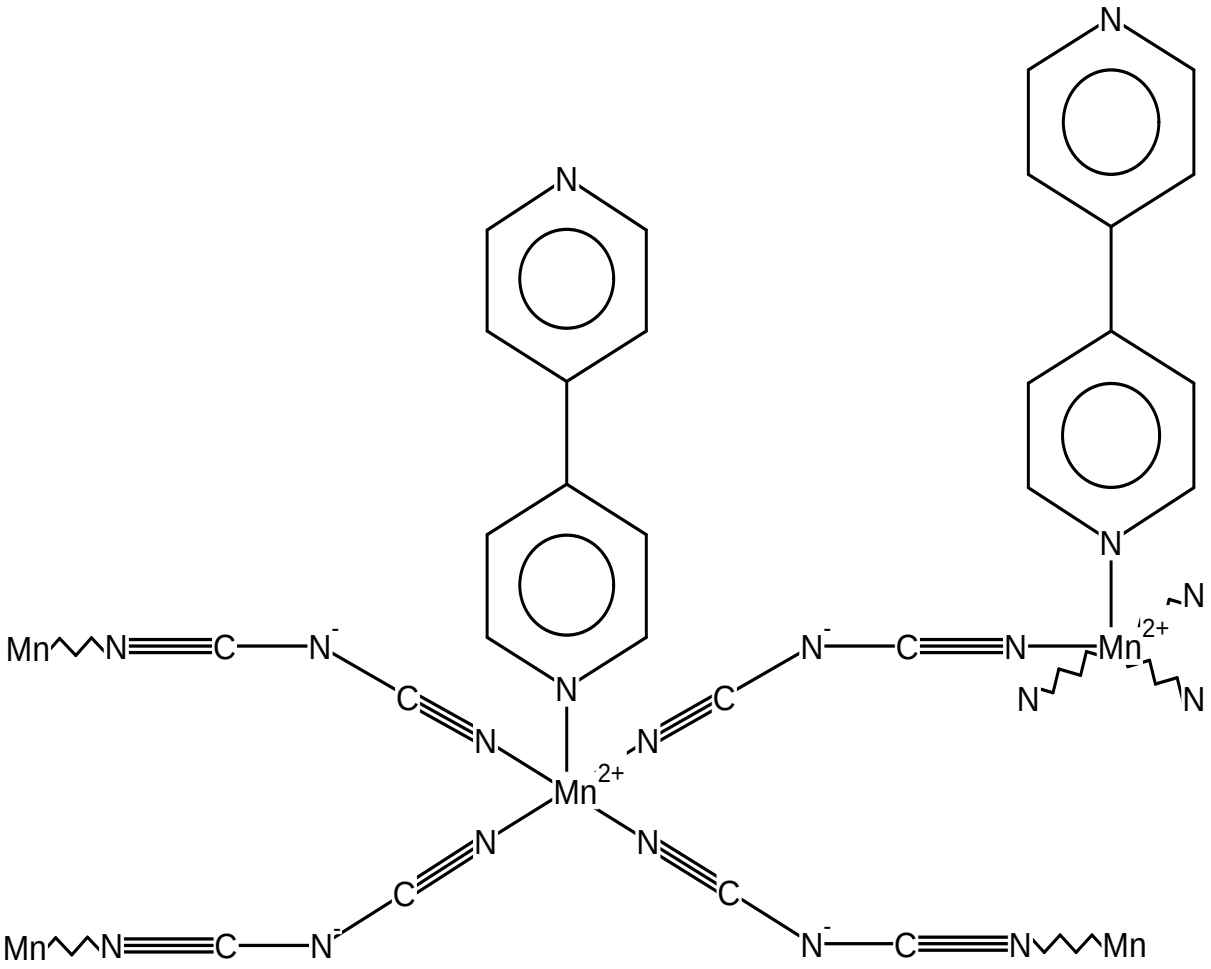
WIKMOT

Reference: D.Mal, S.Koner, J.-P.Tuchagues, G.M.Rosair (2007) *Inorg.Chim.Acta* ,**360,**3575

Formula: $(C_{28}\ H_{16}\ Mn_2\ N_{16})n$

Compound Name: catena-(tetrakis(μ_2-Dicyanamide-N,N')-bis(4,4'-bipyridine-N)-di-manganese(ii))

Space Group:	P-1	***Cell:***	***a***	6.511(1)	***b***	15.396(3)	***c***	15.725(3)
Space Group No.:	2	***(Å,°)***	α	73.17(1)	β	80.23(1)	γ	78.66(0)
R-Factor (%):	0.00	***Temperature(K):***	295		***Density(g/cm^3):***		1.552	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2697

WILZOG

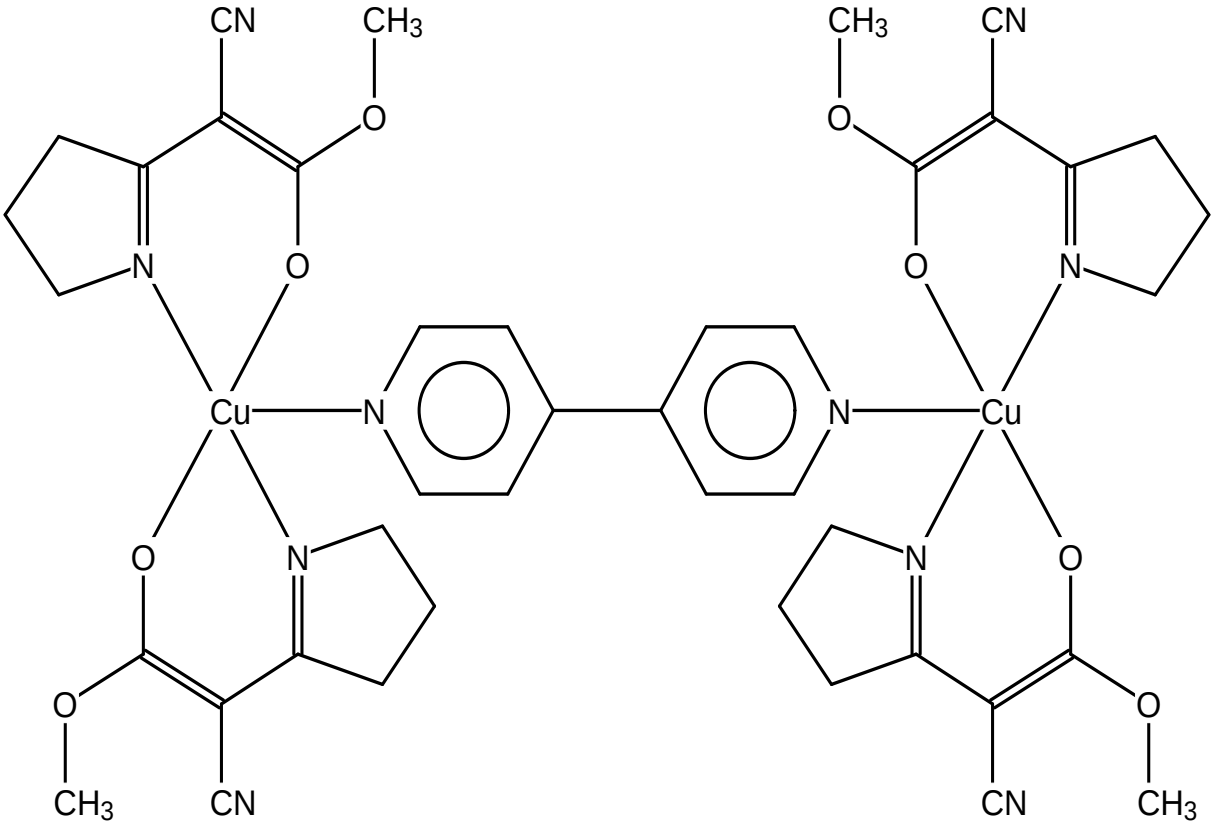
Reference: R.W.Saalfrank, O.Struck, K.Peters, H.G.von Schnering (1994) *Z.Naturforsch.,B:Chem.Sci. ,***49,**1410

Formula: $C_{42}\ H_{44}\ Cu_2\ N_{10}\ O_8$

Compound Name: rac-((μ_2-4,4'-Bipyridyl-N,N')-bis(bis(2-cyano-1-methoxy-2-(3,4-dihydro-2H-pyrrol-5-yl)ethenolato-O,N))-copper(ii))

Space Group:	Aba2	***Cell:***	***a***	17.256(2)	***b***	16.059(2)	***c***	15.524(2)
Space Group No.:	41	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.50 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.457



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2698

WIMCAX

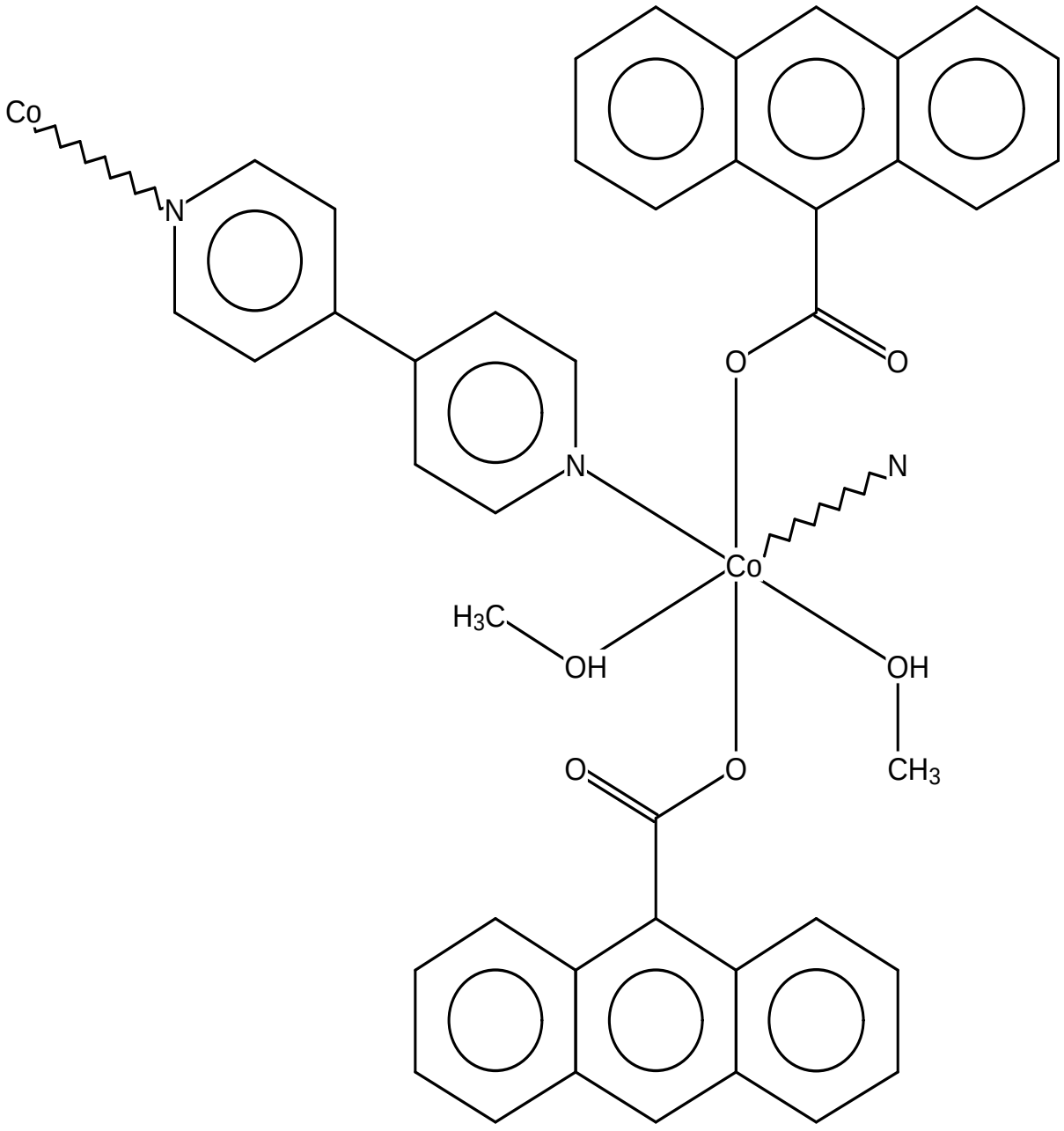
Reference: Chun-Sen Liu, Jun-Jie Wang, Li-Fen Yan, Ze Chang, Xian-He Bu, E.C.Sanudo, J.Ribas (2007) *Inorg.Chem. ,***46,**6299

Formula: $(C_{42}\ H_{34}\ Co_1\ N_2\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-bis(anthracene-9-carboxylato-O)-bis(methanol)-cobalt(ii)]

Space Group:	C2/c	***Cell:***	***a***	23.999(5)	***b***	11.498(2)	***c***	11.968(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.26(3)	γ	90.00

R-Factor (%): 2.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.458



Search: search1 (Thu May 26 10:05:42 2011): Hit 2699

WIMCEB

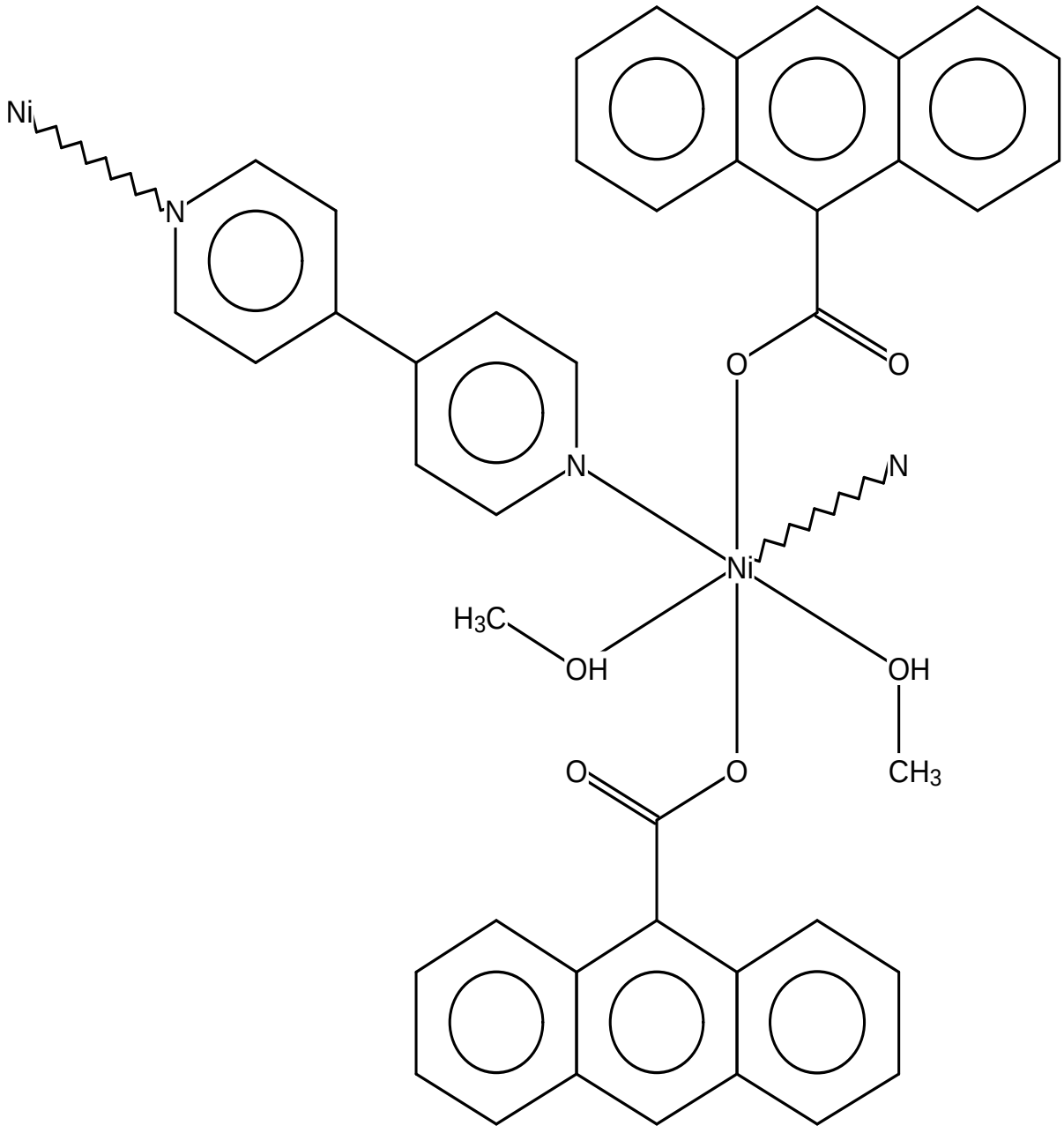
Reference: Chun-Sen Liu, Jun-Jie Wang, Li-Fen Yan, Ze Chang, Xian-He Bu, E.C.Sanudo, J.Ribas (2007) *Inorg.Chem. ,***46,**6299

Formula: $(C_{42}\ H_{34}\ N_2\ Ni_1\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-bis(anthracene-9-carboxylato-O)-bis(methanol)-nickel(ii)]

Space Group:	C2/c	***Cell:***	***a***	24.075(5)	***b***	11.397(2)	***c***	12.050(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	94.36(0)	γ	90.00

R-Factor (%): 5.43 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.454



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2700

WIMHUW

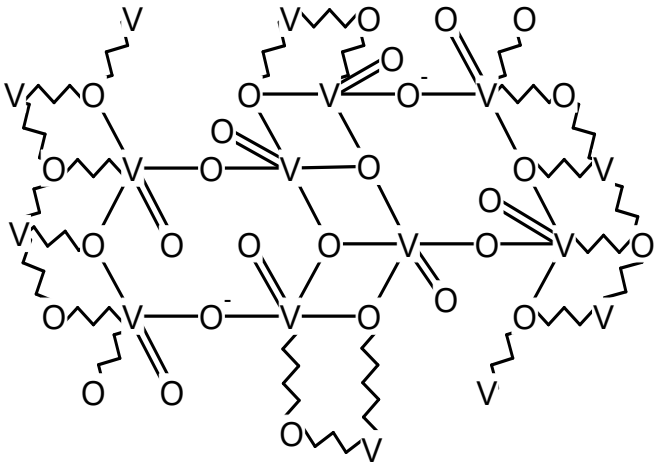
Reference: Bangbo Yan, P.A.Maggard (2007) *Inorg.Chem.* ,**46,**6440

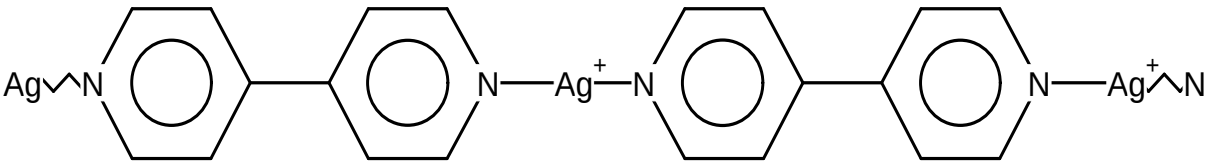
Formula: $(C_{20}\ H_{16}\ Ag_2\ N_4\ ^{2+})n,n(O_{20}\ V_8\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-di-silver octakis(μ_3-oxo)-tetrakis(μ_2-oxo)-octaoxo-octa-vanadium)

Space Group:	P-1	***Cell:***	***a***	3.573(0)	***b***	10.429(1)	***c***	21.196(2)
Space Group No.:	2	***(Å,°)***	α	89.03(0)	β	89.32(0)	γ	85.55(0)

R-Factor (%): 7.87 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.648





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2701

WIMJAE

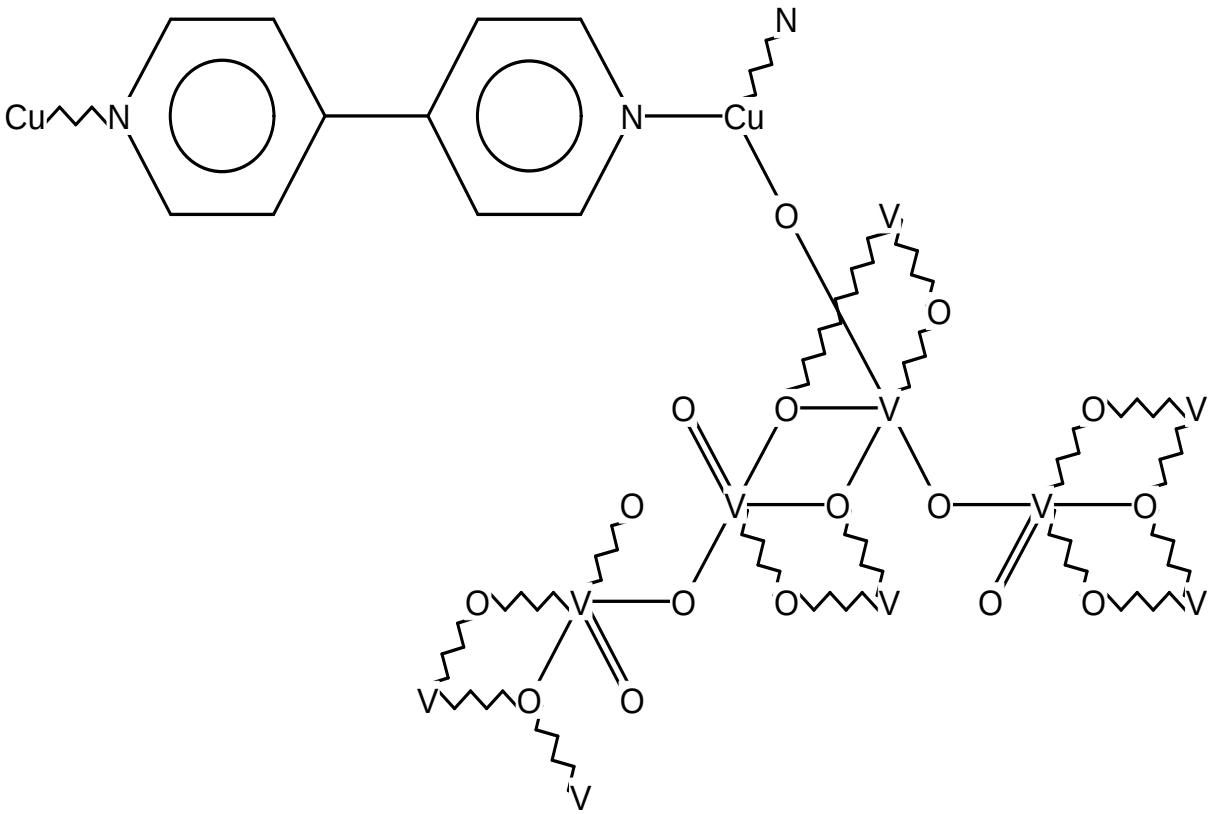
Reference: Bangbo Yan, P.A.Maggard (2007) *Inorg.Chem.* ,**46,**6440

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ O_{10}\ V_4)n$

Compound Name: catena-(tetrakis(μ_3-Oxo)-(μ_2-4,4'-bipyridine-N,N')-tris(μ_2-oxo)-trioxo-copper-tetra-vanadium)

Space Group:	P21/c	***Cell:***	***a***	3.615(0)	***b***	21.217(1)	***c***	20.267(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.03(0)	γ	90.00

R-Factor (%): 4.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.493



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2702

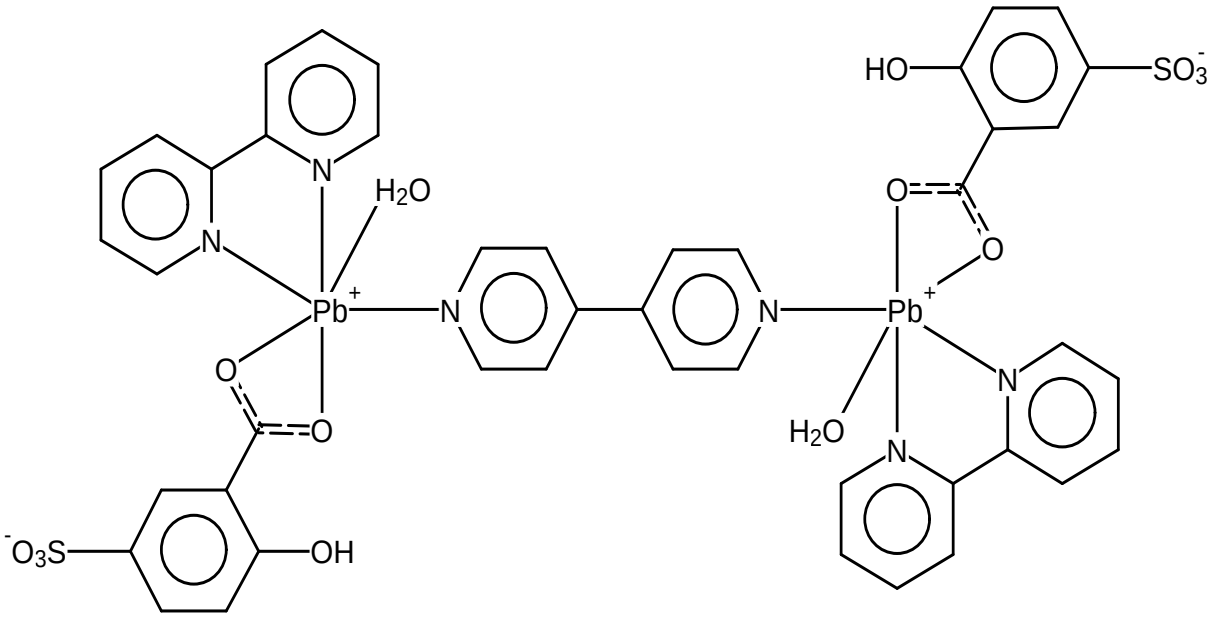
WIMKIN

Reference: Sai-Rong Fan, Long-Guan Zhu (2007) *Inorg.Chem.* ,**46,** 6785

Formula: $C_{44}\ H_{36}\ N_6\ O_{14}\ Pb_2\ S_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(2,2'-bipyridine-N,N')-bis(5-sulfosalicylate-O,O')-di-lead(ii)

Space Group:	P21/c	***Cell:***	***a***	14.196(0)	***b*** 10.984(0)	***c***	15.590(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 116.48(0)	γ	90.00
R-Factor (%):	2.37	***Temperature(K):***	295		***Density(g/cm^3):***		2.063



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2703

WIMKOT

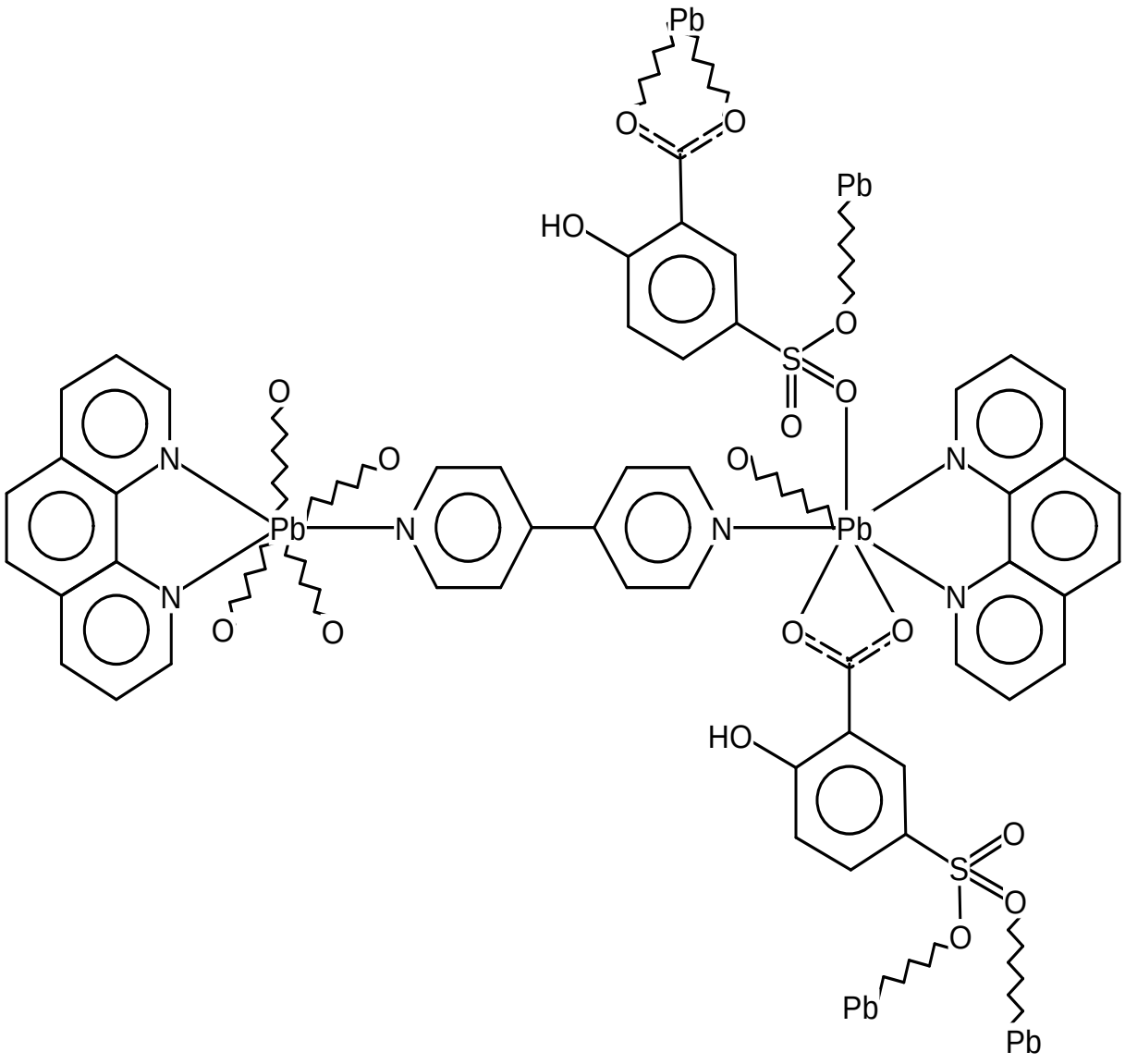
Reference: Sai-Rong Fan, Long-Guan Zhu (2007) *Inorg.Chem.* ,**46,** 6785

Formula: $(C_{48}\ H_{32}\ N_6\ O_{12}\ Pb_2\ S_2)n$

Compound Name: catena-(bis(μ_3-5-Sulfosalicylate)-(μ_2-4,4'-bipyridine-N,N')-bis(1,10-phenanthroline-N,N')-di-lead(ii))

Space Group:	P21/n	***Cell:***	***a***	11.333(1)	***b***	15.055(1)	***c***	12.671(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.37(0)	γ	90.00

R-Factor (%): 4.19 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.095



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2704

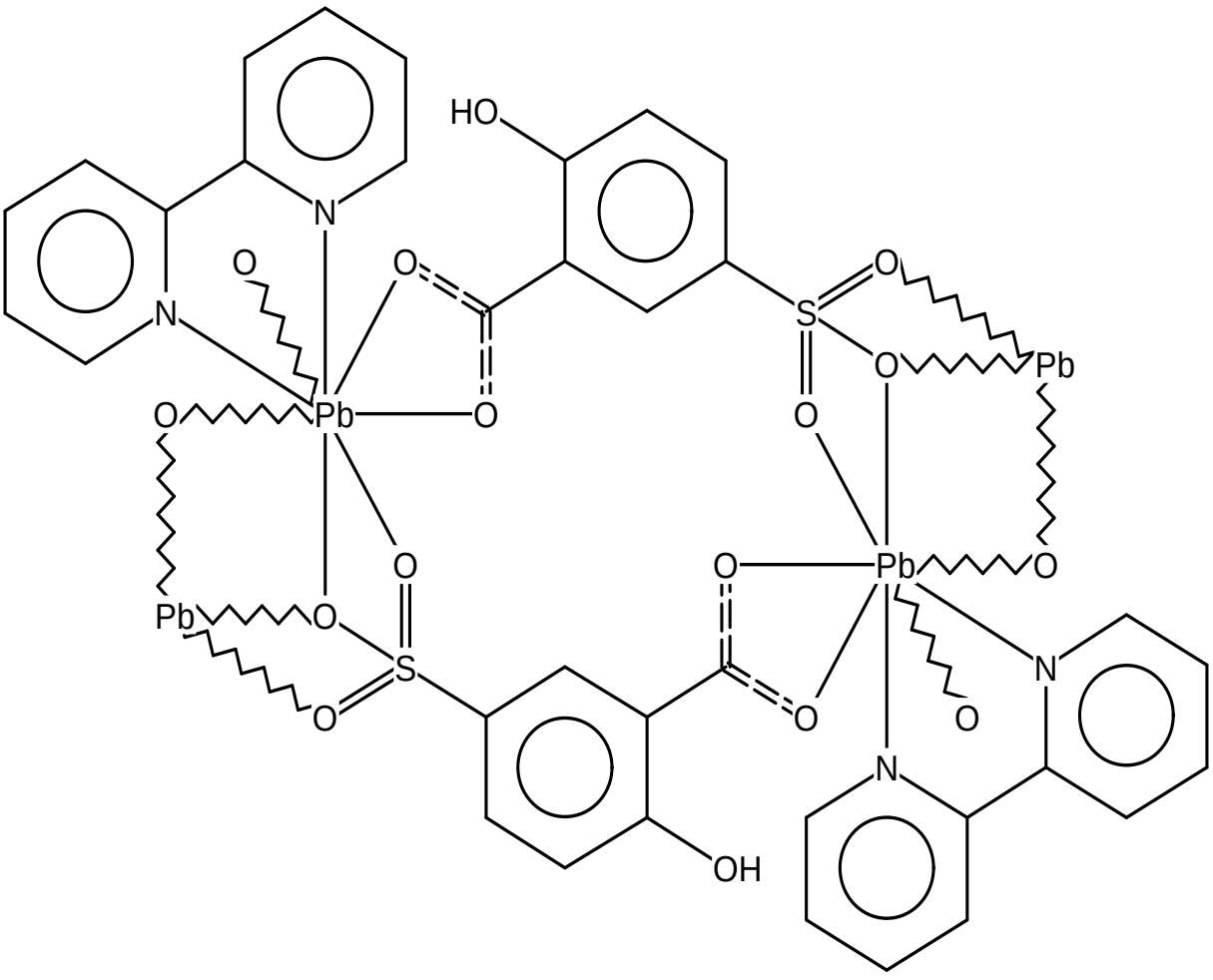
WIMLAG

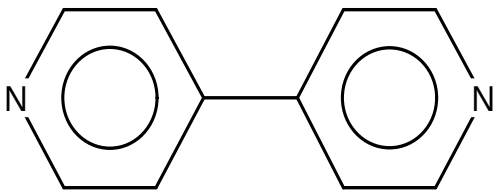
Reference: Sai-Rong Fan, Long-Guan Zhu (2007) *Inorg.Chem.* ,**46,** 6785

Formula: $(C_{34}\ H_{24}\ N_4\ O_{12}\ Pb_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(bis(μ_3-5-Sulfosalicylato)-bis(2,2'-bipyridine-N,N')-di-lead(ii) 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	10.089(0)	***b***	10.363(0)	***c***	10.744(0)
Space Group No.:	2	***(Å,°)***	α	88.83(0)	β	88.42(0)	γ	67.37(0)
R-Factor (%):	3.19	***Temperature(K):***	295		***Density(g/cm^3):***		2.107	





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2705

WINCAY

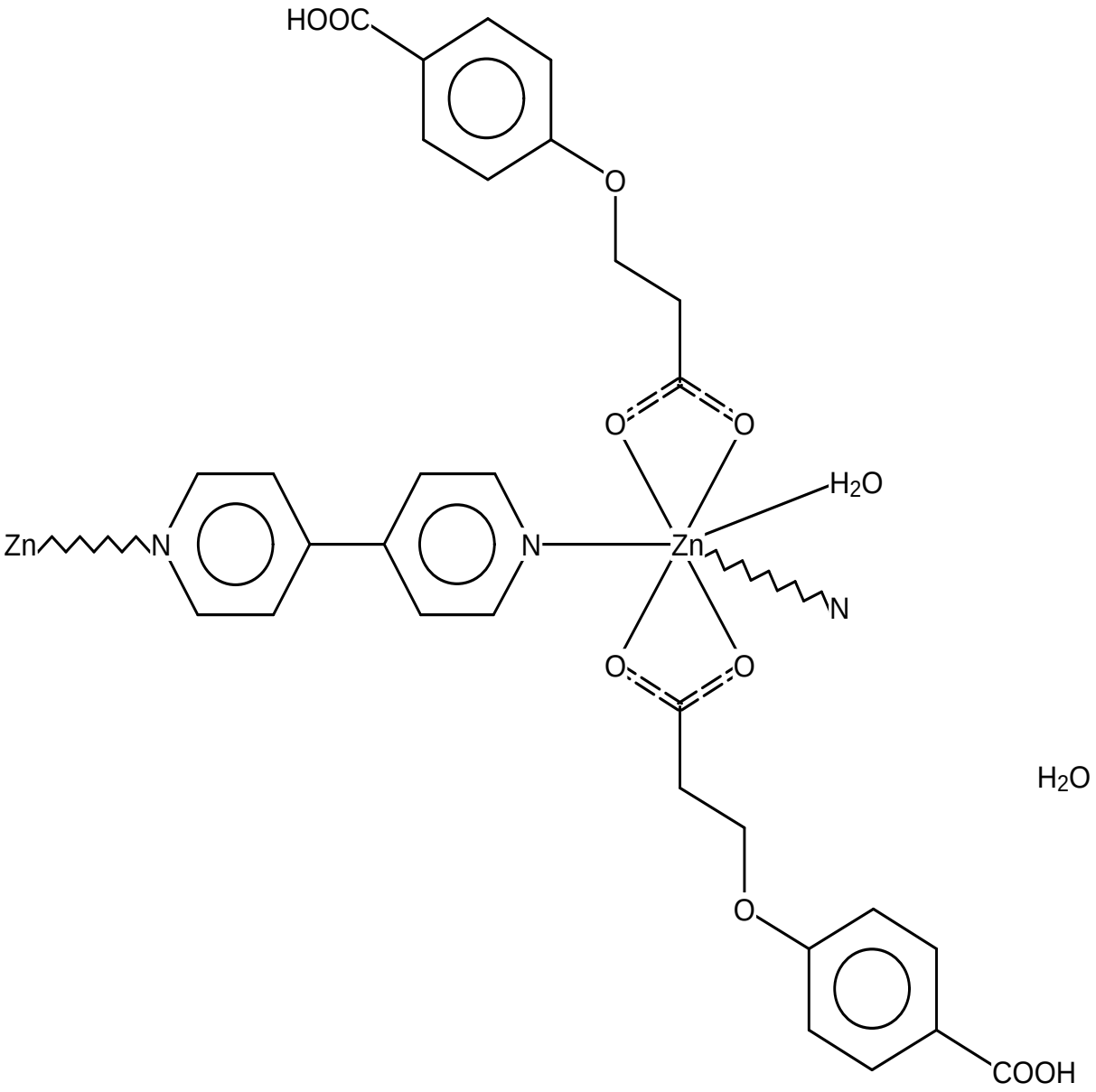
Reference: Li-Li Kong, Shan Gao, Li-Hua Huo (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2791

Formula: $(C_{30}\ H_{28}\ N_2\ O_{11}\ Zn_1)n,2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-aqua-bis(3-(4-carboxyphenoxy)propionato)-zinc(ii) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	11.109(2)	***b***	6.006(1)	***c***	22.871(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.54(3)	γ	90.00

R-Factor (%): 3.91 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.510



Search: search1 (Thu May 26 10:05:42 2011): Hit 2706

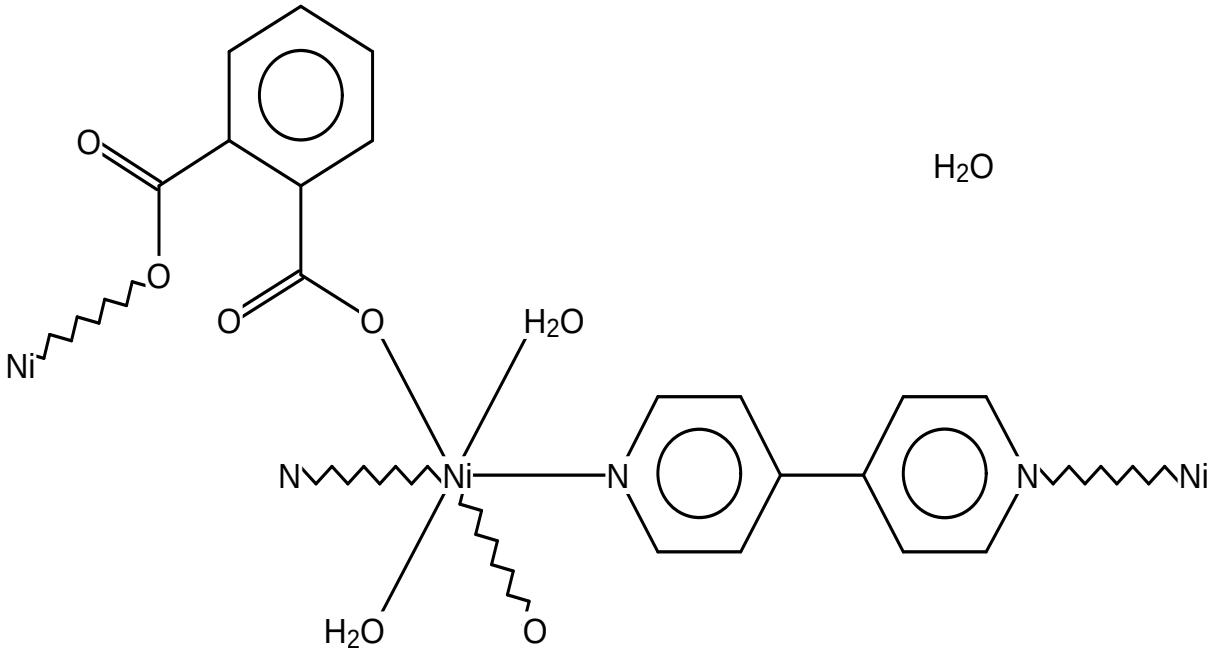
WIPFOR

Reference: Xiao Zhang, ZhiHui Yi, Wujiong Xia, Chao Yang, Bing Li (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***64,**m345

Formula: $(C_{18}\ H_{16}\ N_2\ Ni_1\ O_6)n,2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-(μ_2-o-phthalato-O,O')-diaqua-nickel(ii) dihydrate]

Space Group:	P2/c	***Cell:***	***a***	7.616(1)	***b*** 11.372(2)	***c***	12.954(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 123.63(2)	γ	90.00
R-Factor (%):	2.97	***Temperature(K):***	298		***Density(g/cm^3):***		1.604



Search: search1 (Thu May 26 10:05:42 2011): Hit 2707

WIQTEV

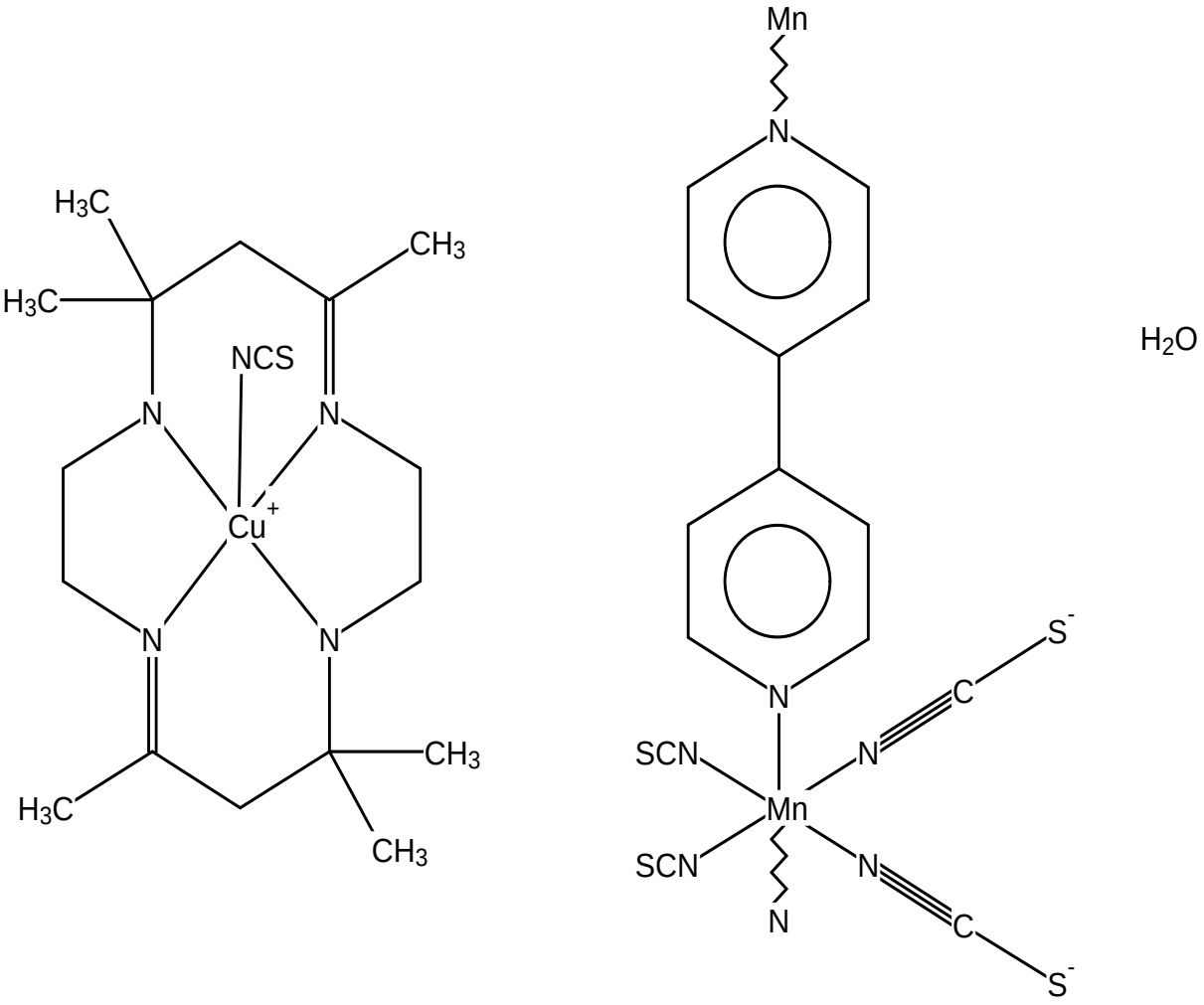
Reference: Hao-Yu Shen, Bai-Wang Sun, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan, Geng-Lin Wang, Kai-Bei Yu (1998) *Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition))* , **19,**1533

Formula: $(C_{17}\ H_{30}\ Cu_1\ N_5\ S_1\ ^{1+})2n,n(C_{14}\ H_8\ Mn_1\ N_6\ S_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-(bis((5,7,7,12,14,14-Hexamethyl-1,4,8,11-tetraazacyclotetradeca-4,11-diene)-(isothiocyanato)-copper) (μ_2-4,4'-bipyridine)-tetrakis(isothiocyanato)-manganese tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	9.592(1)	***b***	10.680(1)	***c***	17.316(2)
Space Group No.:	2	***(Å,°)***	α	84.40(1)	β	74.85(1)	γ	69.65(1)

R-Factor (%):	4.74	***Temperature(K):***	295	***Density(g/cm^3):***	1.361



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2708

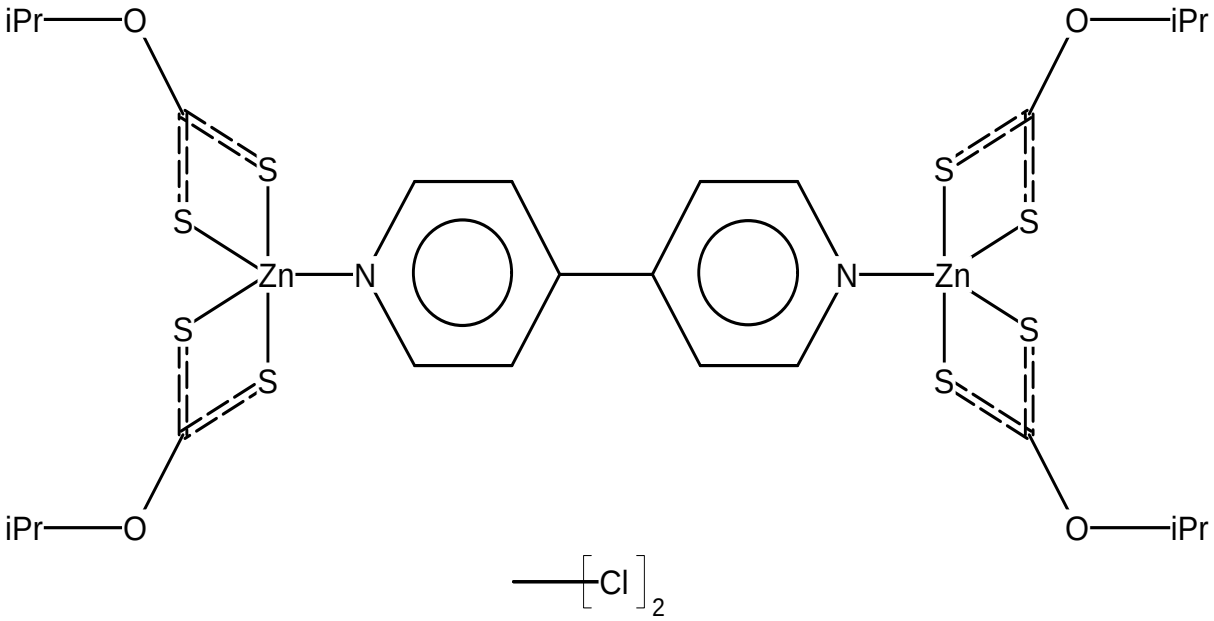
WITRIA

Reference: R.F.Klevtsova, T.G.Leonova, L.A.Glinskaya, S.V.Larionov (2000) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**26,**179

Formula: $C_{26}\ H_{36}\ N_2\ O_4\ S_8\ Zn_2, C_1\ H_2\ Cl_2$

Compound Name: (μ_2-4,4'-Bipyridyl)-tetrakis(O-isopropyldithiocarbonato)-di-zinc(ii) dichloromethane solvate

Space Group:	Fddd	***Cell:***	***a***	17.013(1)	***b***	21.673(2)	***c*** 22.242(2)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	3.98	***Temperature(K):***	295		***Density(g/cm^3):***		1.478



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2709

WIWJAO

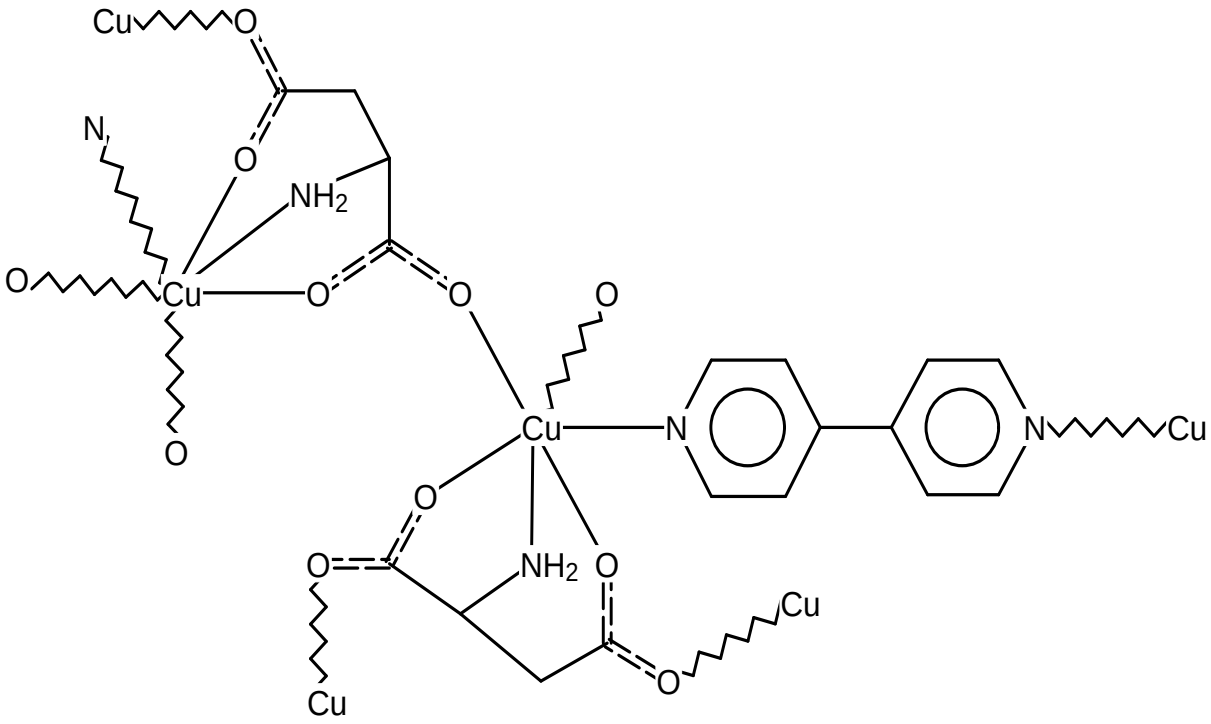
Reference: M.J.Ingleson, J.P.Barrio, J.Bacsa, C.Dickinson, Hyunsoo Park, M.J.Rosseinsky (2008) *Chem.Commun.* ,1287

Formula: $(C_{18}\ H_{18}\ Cu_2\ N_4\ O_8)n$

Compound Name: catena-[bis(μ_3-Aspartato)-(μ_2-4,4'-bipyridyl)-di-copper]

Space Group:	P21212	***Cell:***	***a***	21.424(6)	***b***	6.897(2)	***c***	7.800(2)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.76 ***Temperature(K):*** 110 ***Density(g/cm^3):*** 1.572



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2710

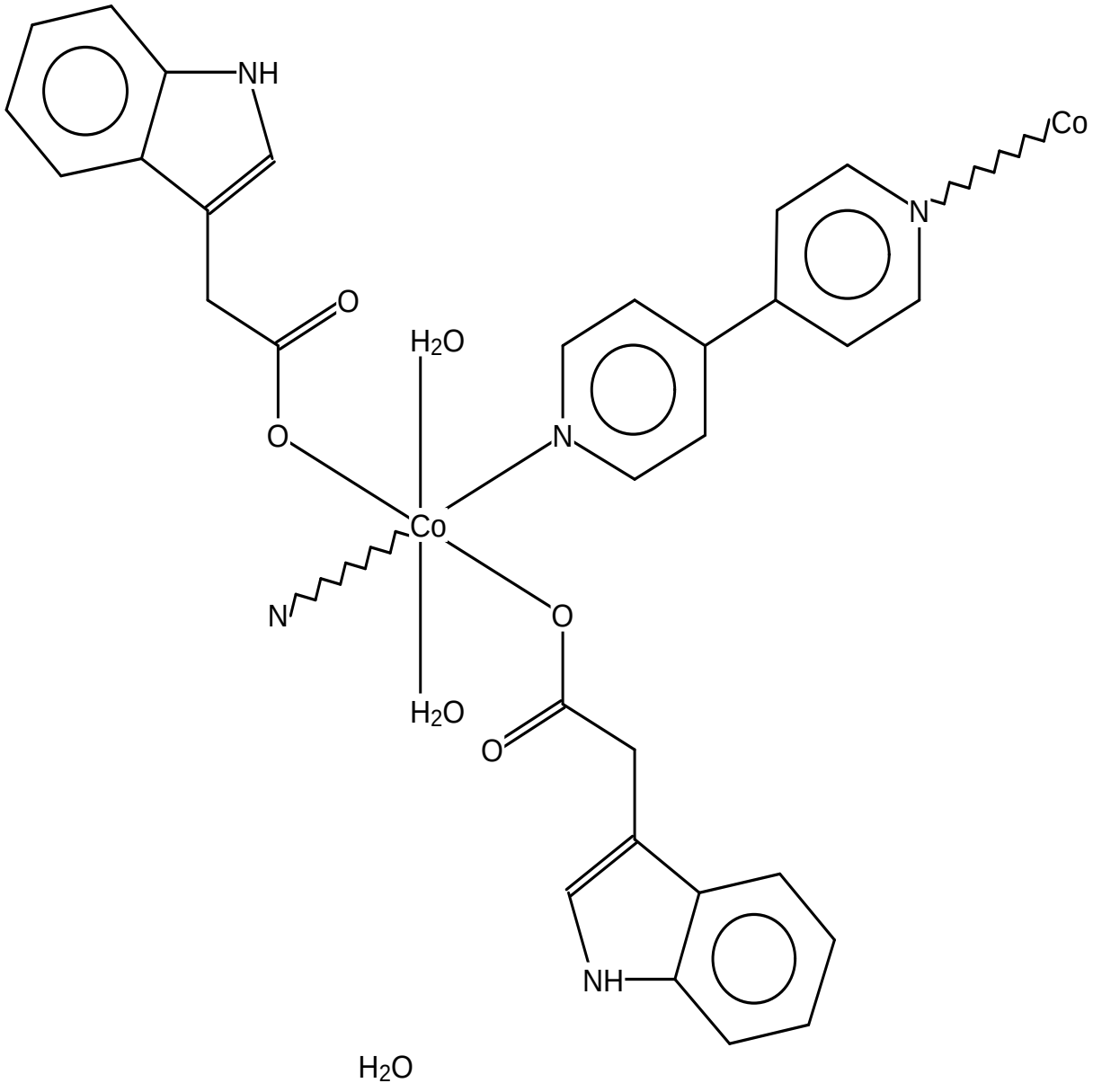
WIZSEE

Reference: Ji-Wei Liu, S.W.Ng (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m706

Formula: $(C_{30}\ H_{28}\ Co_1\ N_4\ O_6)n,4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-κ^2N:N')-diaqua-bis(1H-indole-3-acetato-κO)-cobalt(ii) tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.501(0)	***b***	16.095(0)	***c*** 8.830(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	111.78(0)	γ 90.00
R-Factor (%):	3.97	***Temperature(K):***	295		***Density(g/cm^3):***		1.469



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2711

WOBGUP

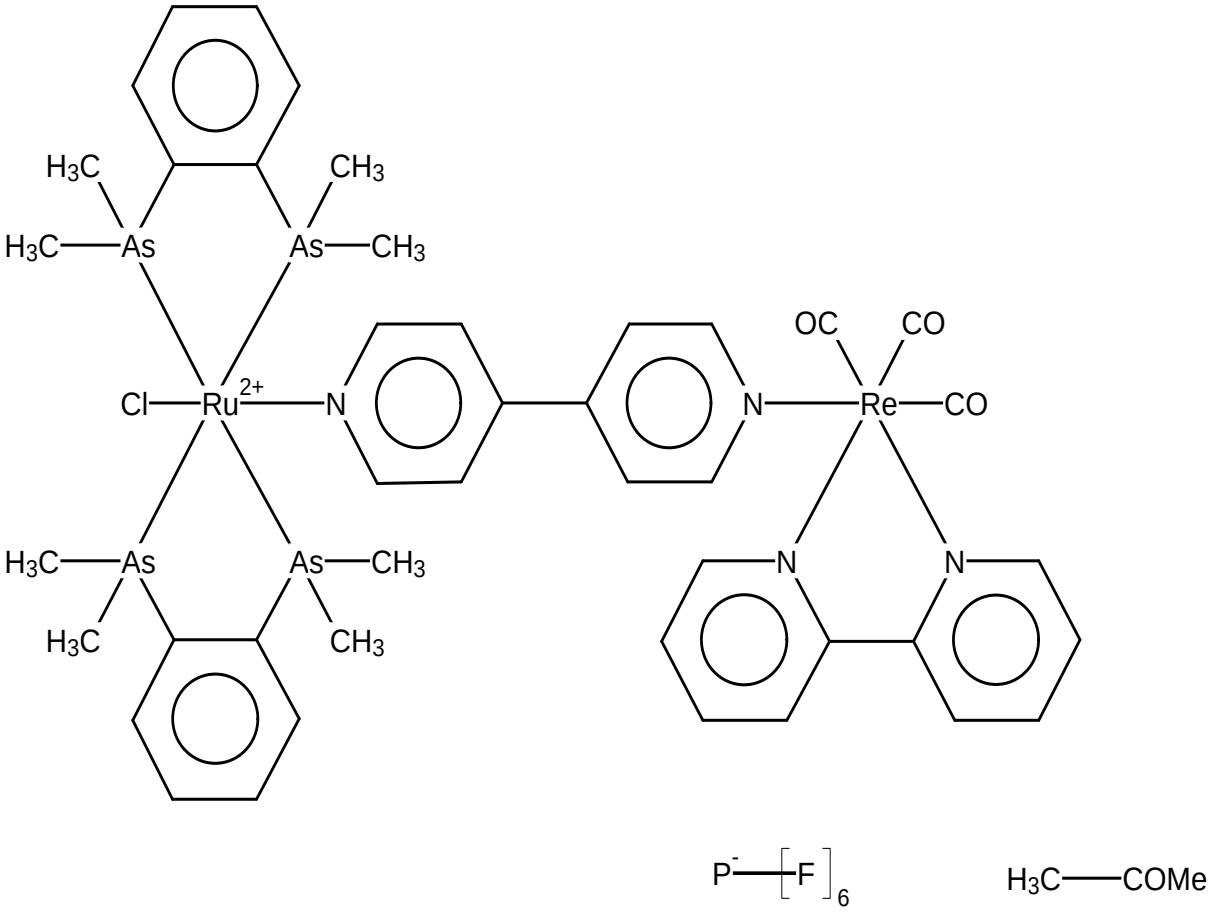
Reference: B.J.Coe, C.I.McDonald, S.J.Coles, M.B.Hursthouse (2000) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***56,**963

Formula: $C_{43}\ H_{48}\ As_4\ Cl_1\ N_4\ O_3\ Re_1\ Ru_1\ ^{2+},2(F_6\ P_1\ ^{1-}),2(C_3\ H_6\ O_1)$

Compound Name: fac, trans-(μ_2-4,4'-bipyridine-N,N')-(2,2'-bipyridine-N,N')-tricarbonyl-chloro-bis(1,2-phenylenebis(dimethylarsine))-rhenium(i)-ruthenium(ii) bis(hexafluorophosphate) acetone solvate

Space Group:	Pna21	***Cell:***	***a***	22.736(5)	***b***	30.654(6)	***c***	8.799(2)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.14 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.838



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2712

WOCBUL

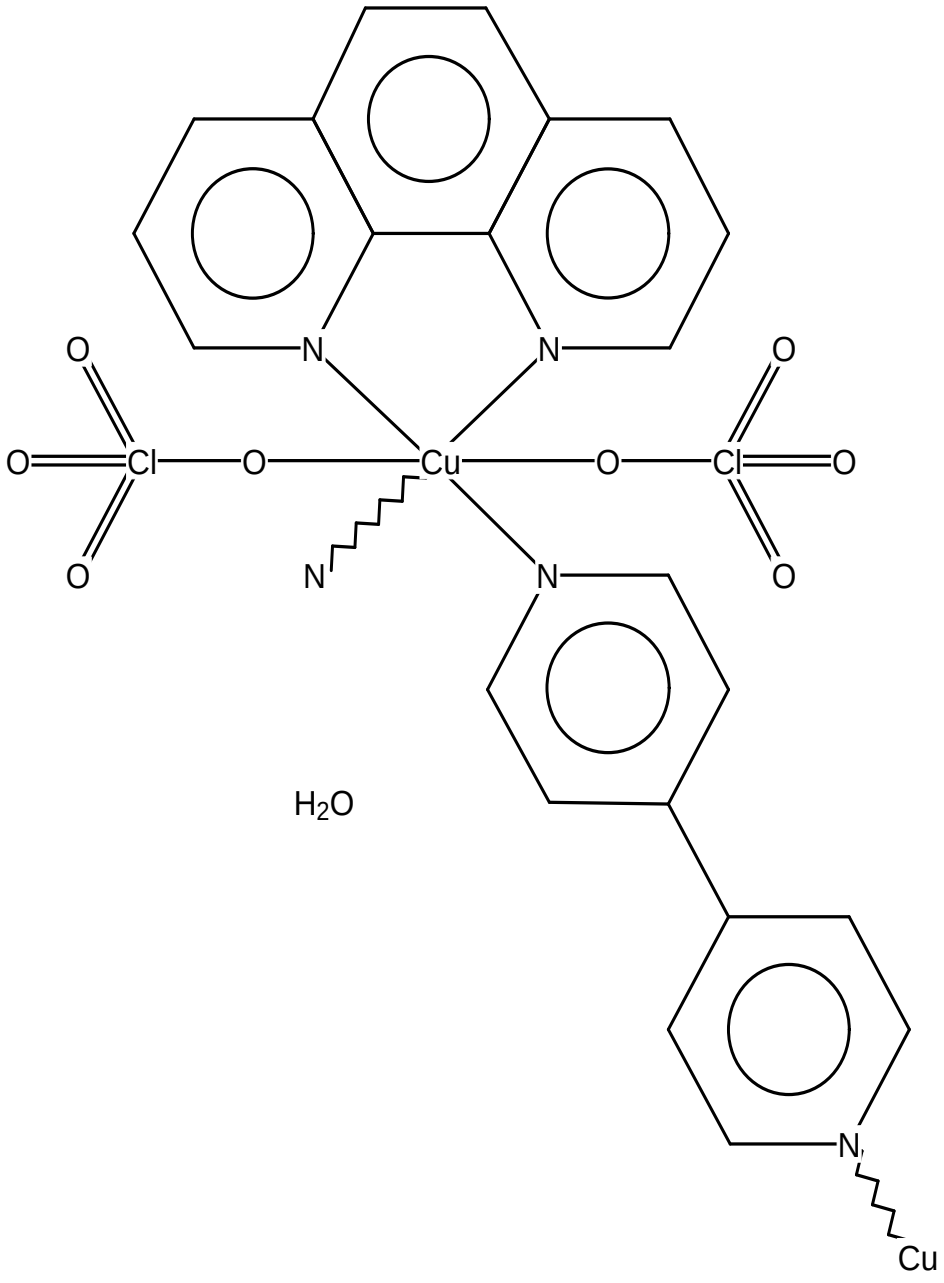
Reference: Ming-Liang Tong, Xiao-Ming Chen, S.W.Ng (2000)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**56,**e374

Formula: $(C_{22}\ H_{16}\ Cl_2\ Cu_1\ N_4\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)(1,10-phenanthroline)(diperchlorato) copper(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	12.553(1)	***b***	14.417(0)	***c***	13.221(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.38(0)	γ	90.00

R-Factor (%): 6.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.717



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2713

WOCBUL01

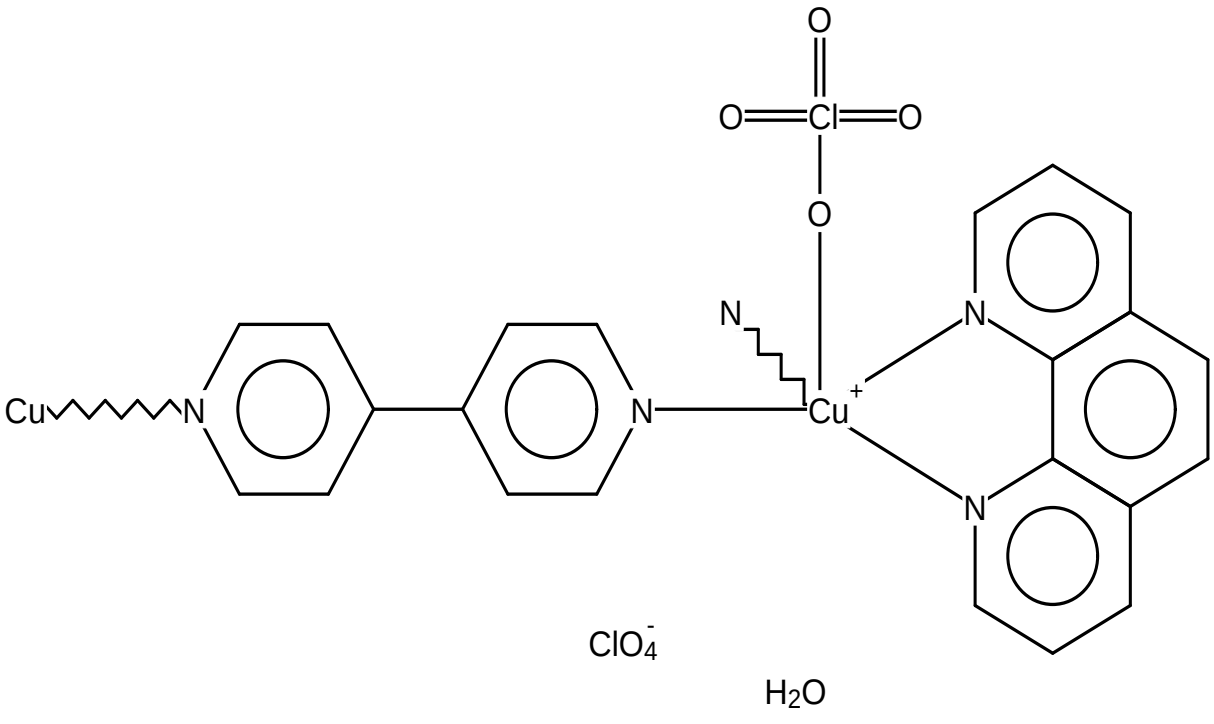
Reference: S.K.Chawla, M.S.Hundal, J.Kaur, S.Obrai (2001) *Polyhedron ,***20,**2105

Formula: $(C_{22}\ H_{16}\ Cl_1\ Cu_1\ N_4\ O_4\ ^{1+})n,n(Cl_1\ O_4\ ^{1-}),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(1,10-phenanthroline)-(perchlorato-O)-copper(ii) perchlorate monohydrate)

Space Group:	P21/n	***Cell:***	***a***	12.557(1)	***b***	14.434(1)	***c***	13.236(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.40(1)	γ	90.00

R-Factor (%): 4.87 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.713



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2714

WOCVUG

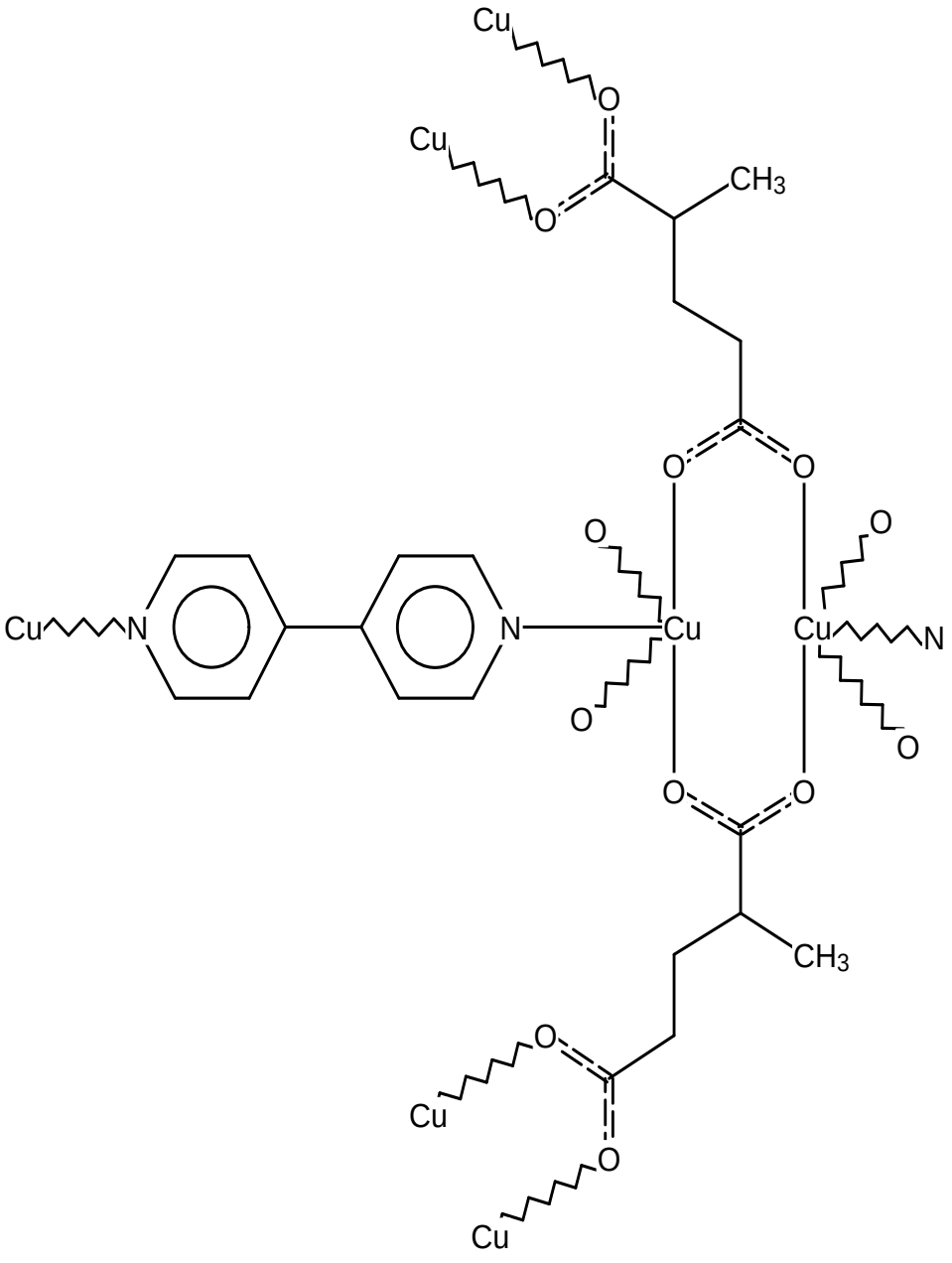
Reference: Banglin Chen, Yanyan Ji, Ming Xue, F.R.Fronczek, E.J.Hurtado, J.U.Mondal, Chengdu Liang, Sheng Dai (2008) *Inorg.Chem. ,***47,**5543

Formula: $(C_{22}\ H_{24}\ Cu_2\ N_2\ O_8)n$

Compound Name: catena-(bis(μ_4-2-Methylglutarato)-(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	C2	***Cell:***	***a***	21.045(1)	***b*** 13.732(1)	***c***	9.129(1)
Space Group No.:	5	***(Å,°)***	α	90.00	β 104.15(0)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2715

WOCVUG01

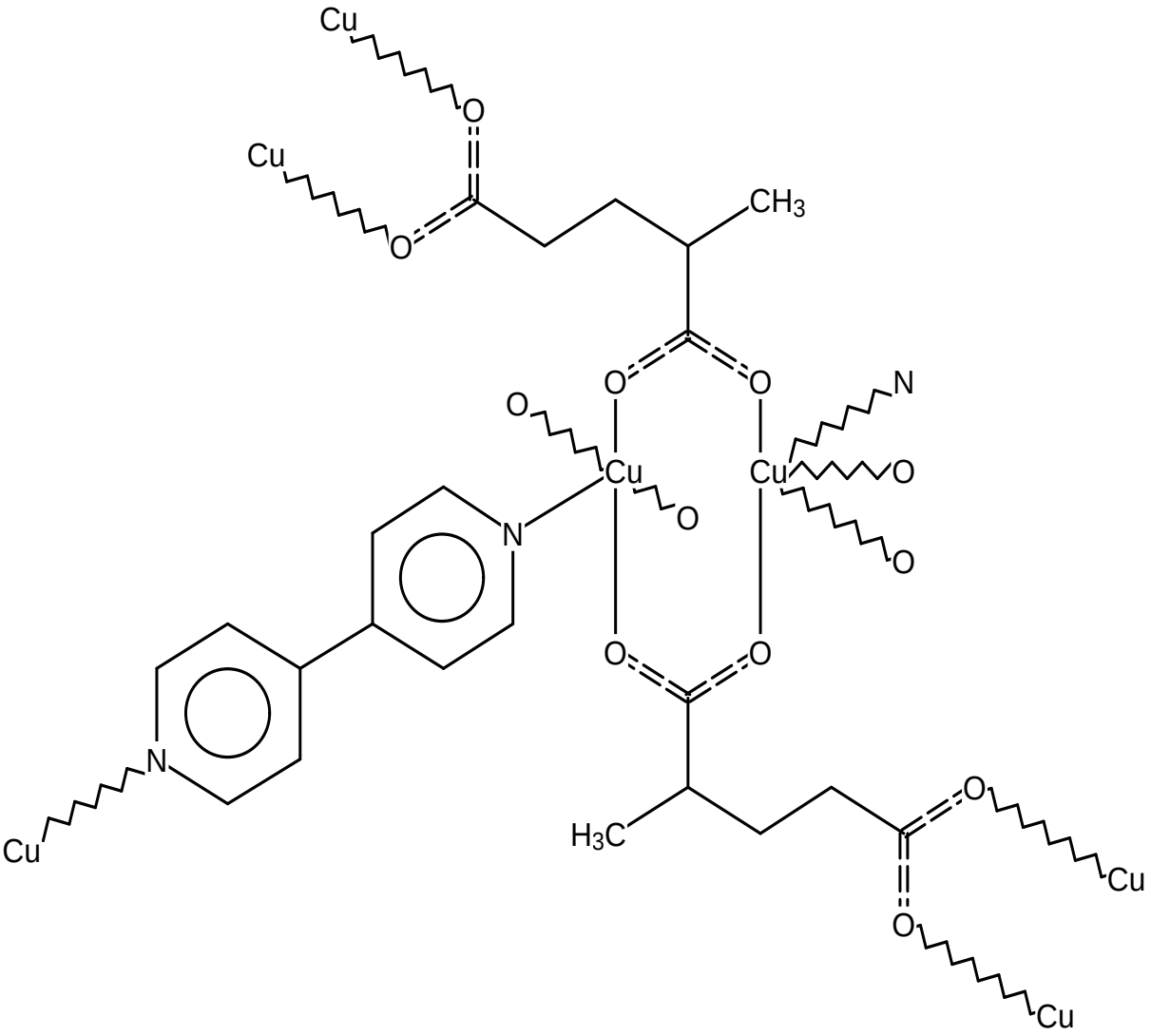
Reference: Banglin Chen, Yanyan Ji, Ming Xue, F.R.Fronczek, E.J.Hurtado, J.U.Mondal, Chengdu Liang, Sheng Dai (2008) *Inorg.Chem. ,***47,**5543

Formula: $(C_{22}\ H_{24}\ Cu_2\ N_2\ O_8)n$

Compound Name: catena-(bis(μ_4-2-Methylglutarato)-(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	C2	***Cell:***	***a***	20.983(0)	***b*** 13.700(0)	***c***	9.118(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β 103.90(0)	γ	90.00

R-Factor (%): 3.19 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.492



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2716

WODFOL

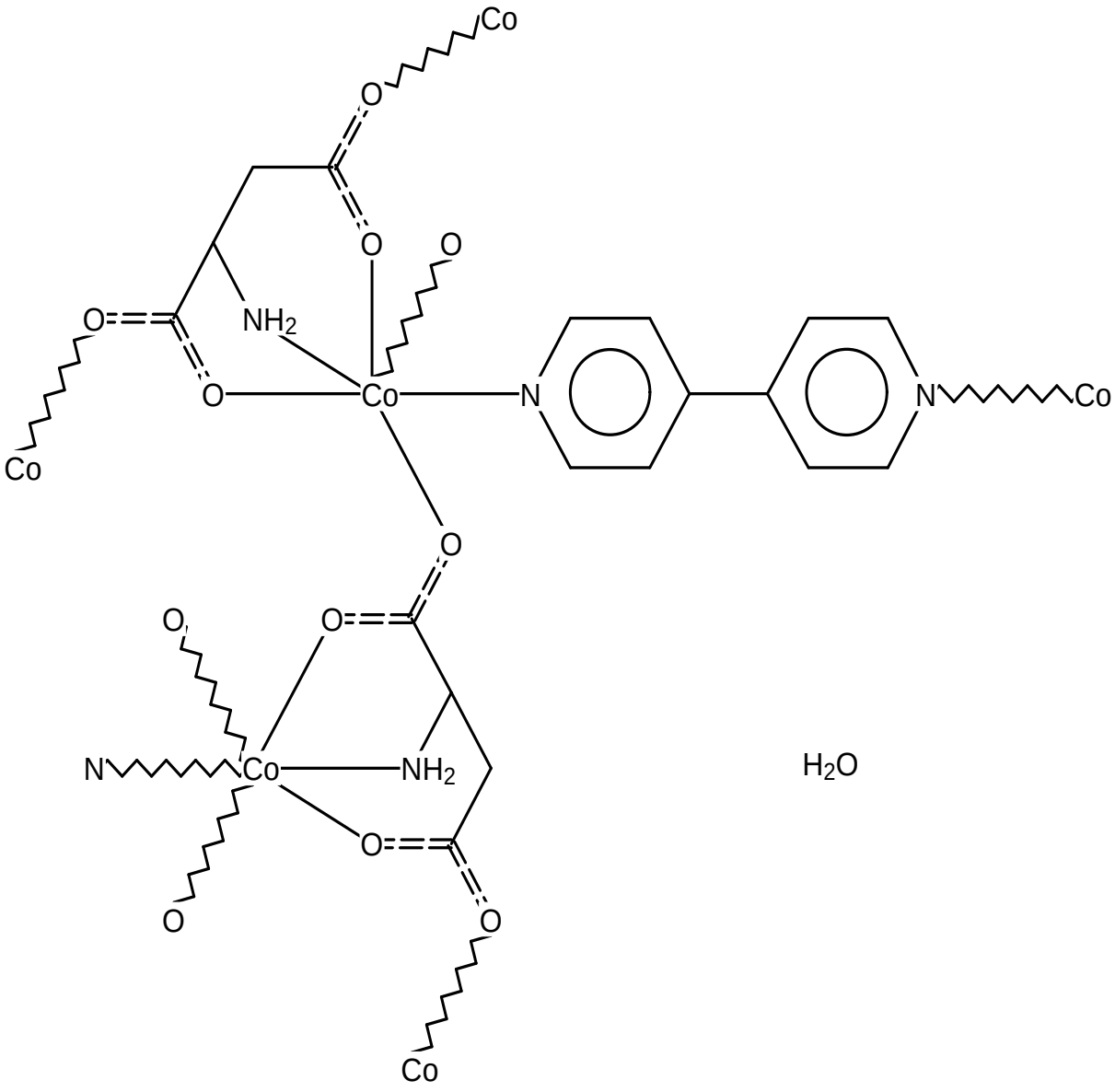
Reference: Ping Zhu, Wen Gu, Fang-Yi Cheng, Xin Liu, Jun Chen, Shi-Ping Yan, Dai-Zheng Liao (2008) *CrystEngComm ,***10,**963

Formula: $(C_{18}\ H_{18}\ Co_2\ N_4\ O_8)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-L-asparato)-(μ_2-4,4'-bipyridine)-di-cobalt(ii) trihydrate)

Space Group:	P21212	***Cell:***	***a***	22.113(3)	***b***	6.915(1)	***c***	7.721(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.00 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.660



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2717

WOFSAM

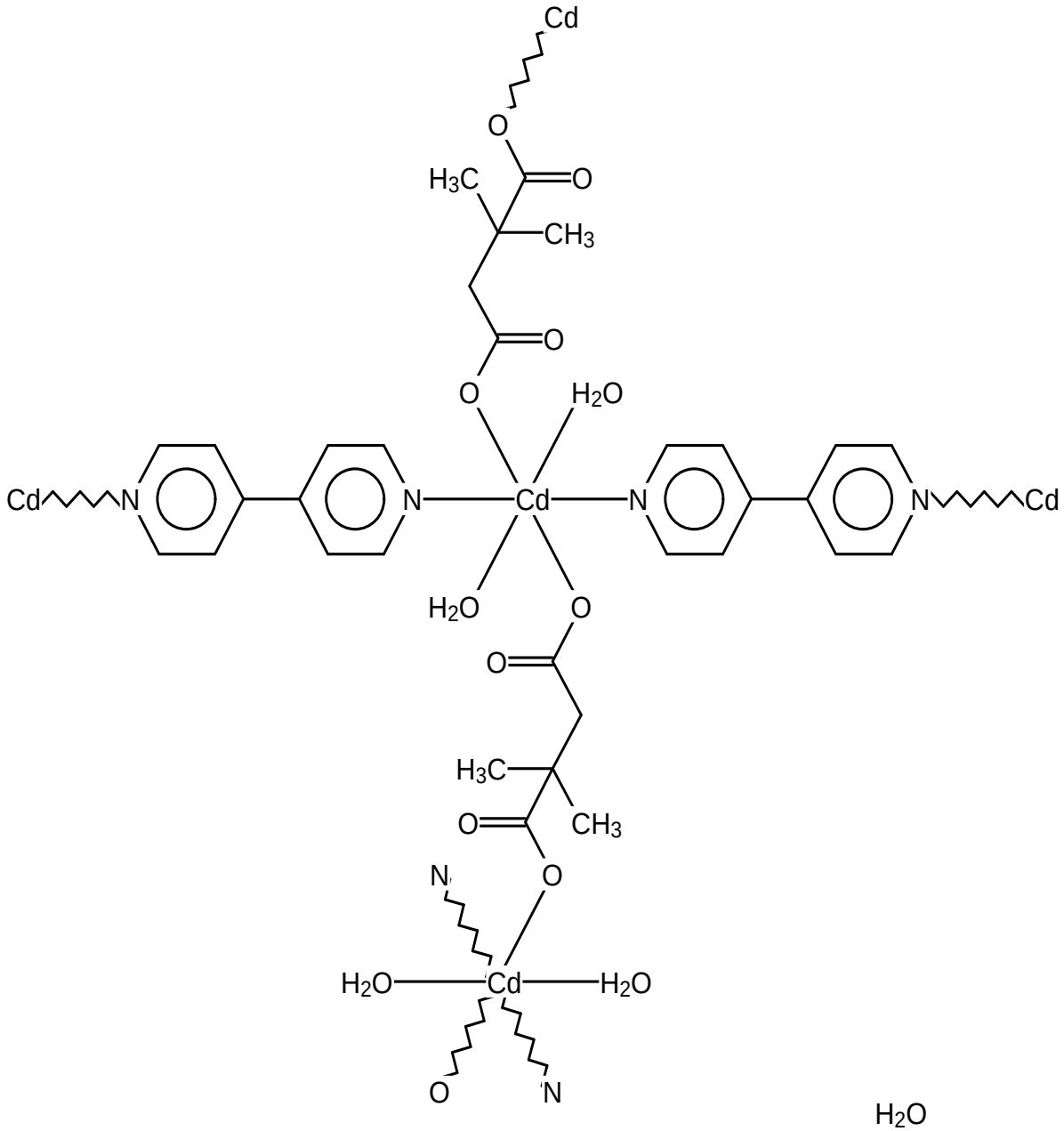
Reference: E.M.Lyons, M.A.Braverman, R.M.Supkowski, R.L.LaDuca (2008) *Inorg.Chem.Commun.* ,**11,**855

Formula: $(C_{32}\ H_{40}\ Cd_2\ N_4\ O_{12})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-2,2-dimethylsuccinato-O,O')-tetra-aqua-di-cadmium dihydrate)

Space Group:	I-42d	***Cell:***	***a***	23.378(0)	***b*** 23.378(0)	***c***	13.455(0)
Space Group No.:	122	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 2.72 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.686



Search: search1 (Thu May 26 10:05:42 2011): Hit 2718

WOFWET

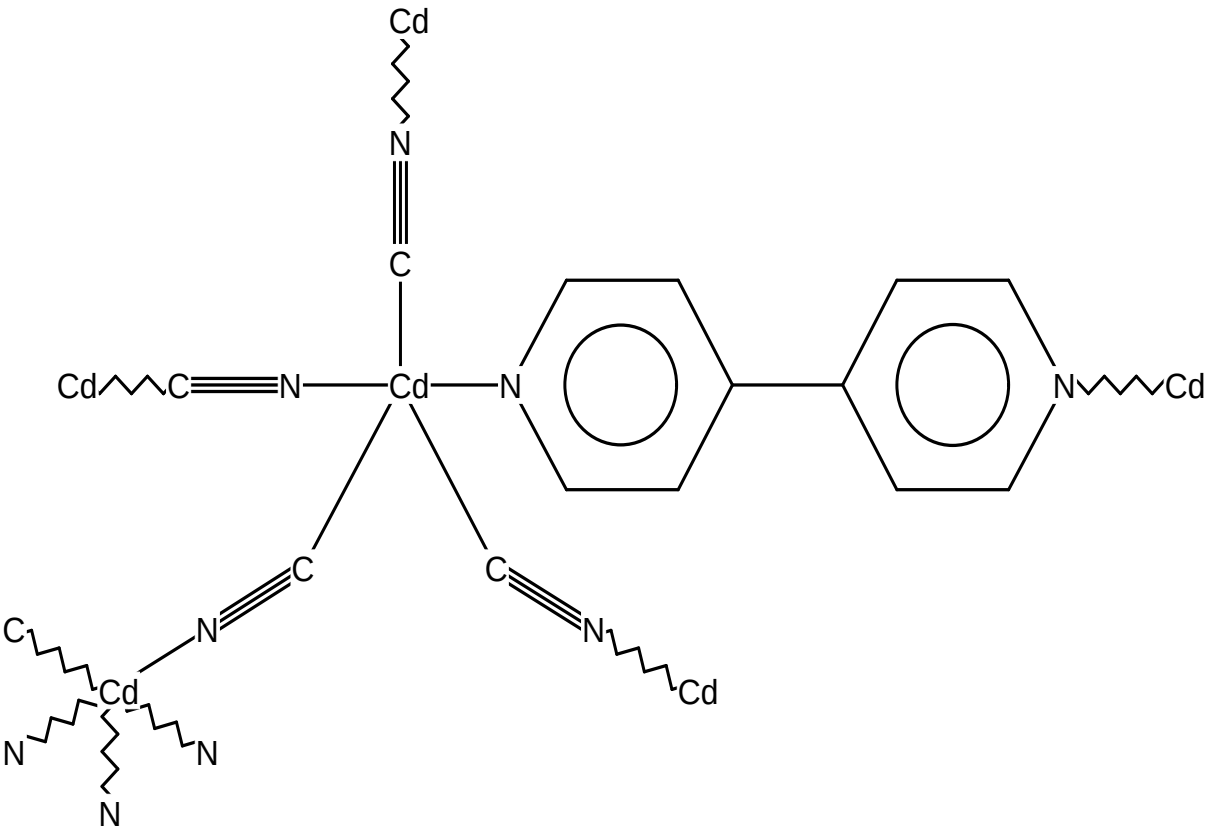
Reference: J.Kim, K.Kim (2000) *Crystal Engineering* ,**3,**1

Formula: $(C_{14}\ H_8\ Cd_2\ N_6)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-tetrakis(μ_2-cyano)-di-cadmium)

Space Group:	C2/c	***Cell:***	***a***	15.278(7)	***b*** 7.664(2)	***c***	15.553(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.41(2)	γ	90.00

R-Factor (%): 5.71 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.835



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2719

WOGNEM

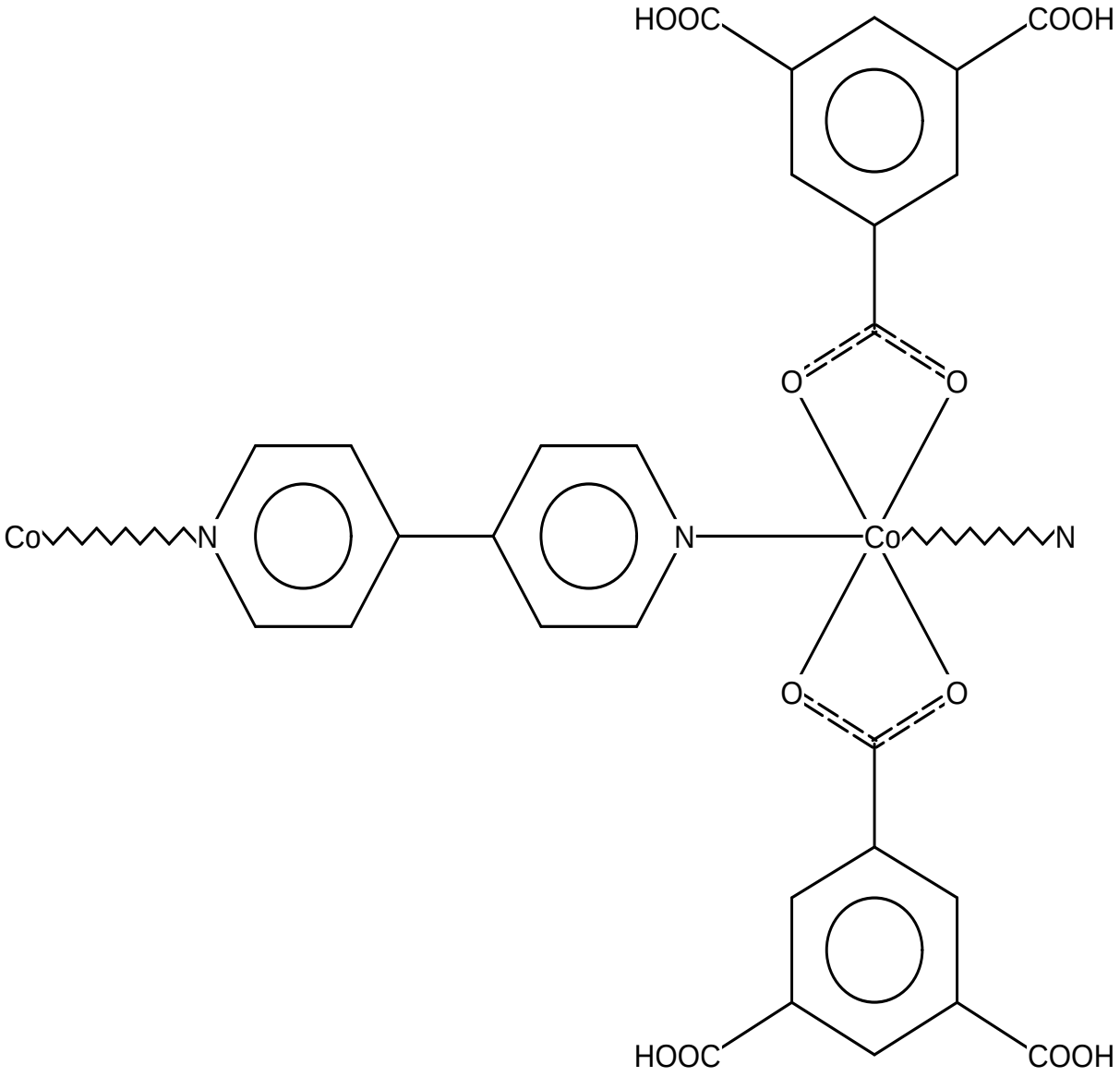
Reference: Chun-sheng Ling, Qiu-xia Han (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m1400

Formula: $(C_{28}\ H_{18}\ Co_1\ N_2\ O_{12})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(3,5-dicarboxybenzoato-O,O')-cobalt(ii))

Space Group:	C2/c	***Cell:***	***a***	10.668(0)	***b*** 11.049(0)	***c***	22.656(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.40(0)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.607



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2720

WOGRIU

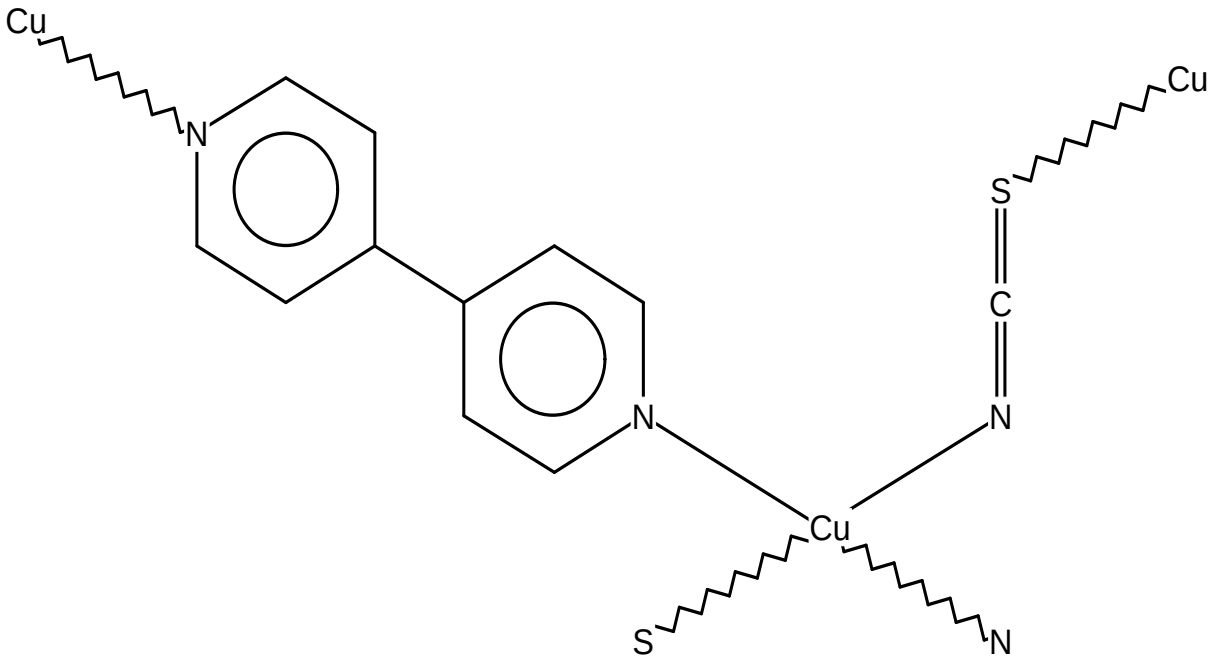
Reference: M.Wriedt, S.Sellmer, C.Nather (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m1424

Formula: $(C_{11}\ H_8\ Cu_1\ N_3\ S_1)n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-κ^2N:N')-(μ_2-thiocyanato-κ^2N:S)-copper(i))

Space Group:	Pbca	***Cell:***	***a***	11.434(0)	***b***	12.253(0)	***c***	15.381(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.65 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.713



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2721

WOHBIF

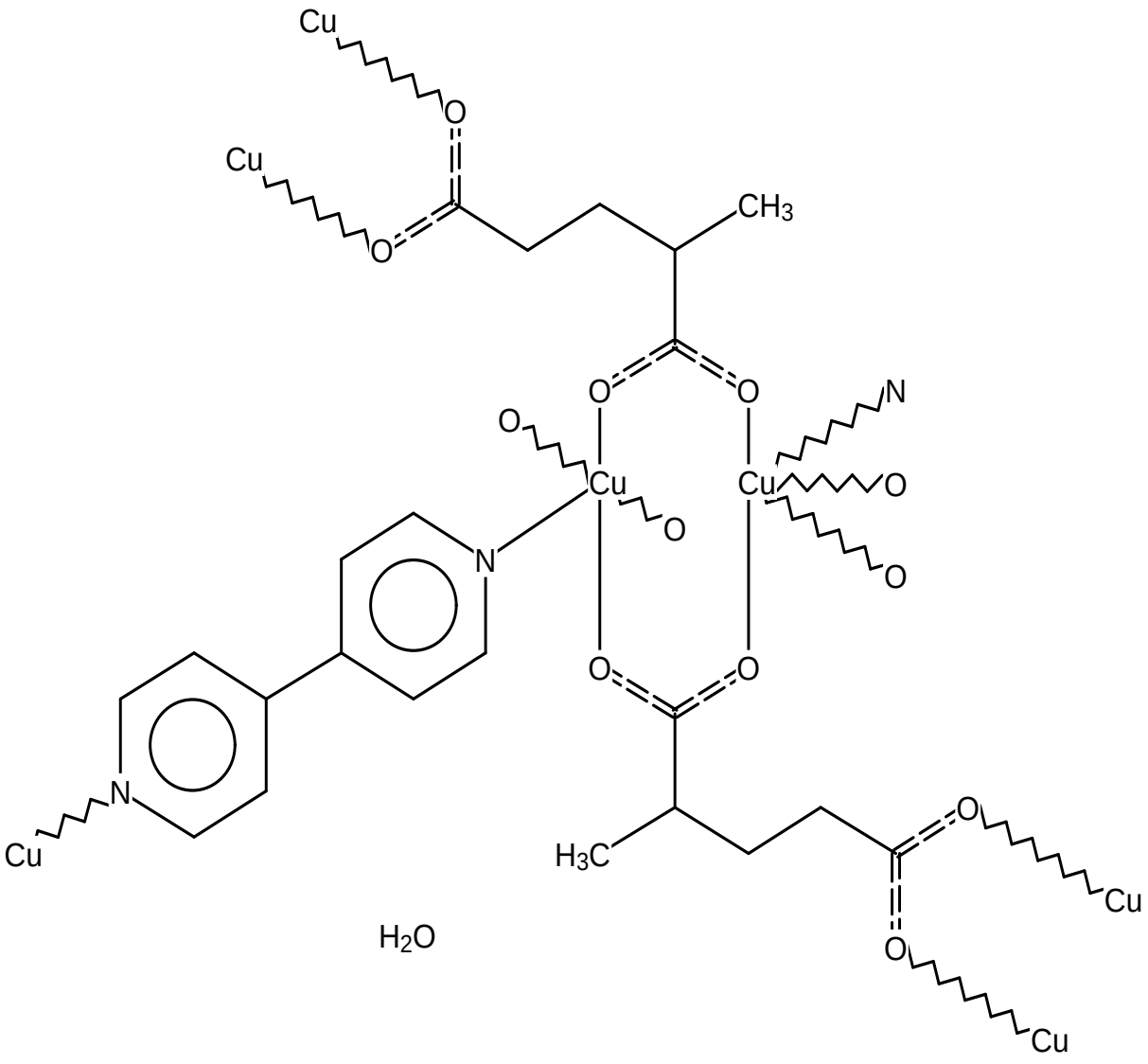
Reference: Banglin Chen, Yanyan Ji, Ming Xue, F.R.Fronczek, E.J.Hurtado, J.U.Mondal, Chengdu Liang, Sheng Dai (2008) *Inorg.Chem. ,***47,**5543

Formula: $(C_{22}\ H_{24}\ Cu_2\ N_2\ O_8)n,0.76n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-2-Methylglutarato)-(μ_2-4,4'-bipyridine)-di-copper hydrate)

Space Group:	C2	***Cell:***	***a***	20.921(0)	***b*** 13.708(0)	***c***	9.107(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β 103.67(0)	γ	90.00

R-Factor (%): 4.20 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.532



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2722

WOHCOM

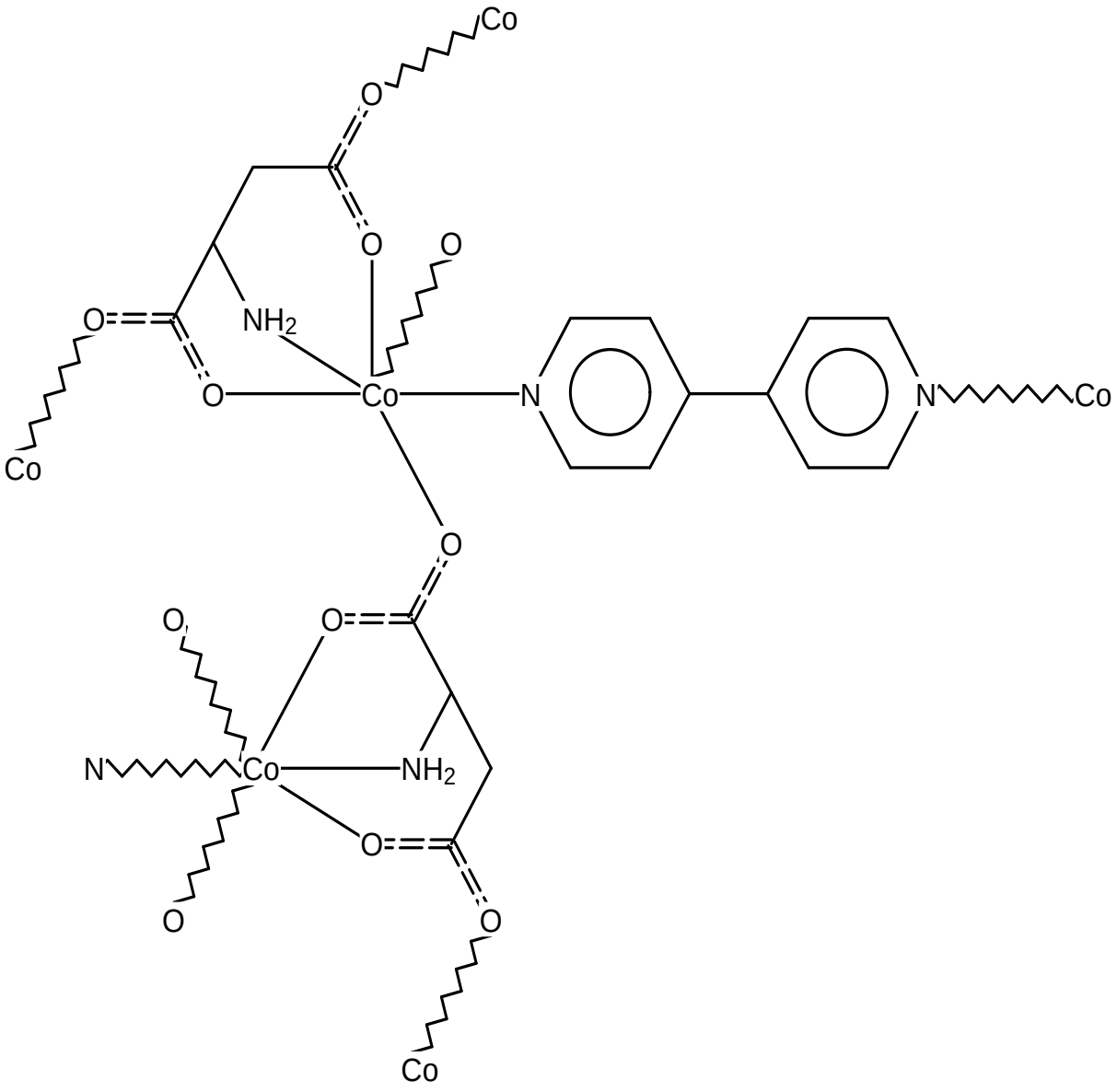
Reference: Ping Zhu, Wen Gu, Fang-Yi Cheng, Xin Liu, Jun Chen, Shi-Ping Yan, Dai-Zheng Liao (2008) *CrystEngComm ,***10,**963

Formula: $(C_{18}\ H_{18}\ Co_2\ N_4\ O_8)n$

Compound Name: catena-(bis(μ_3-D-asparato)-(μ_2-4,4'-bipyridine)-di-cobalt(ii))

Space Group:	P21212	***Cell:***	***a***	21.956(4)	***b***	6.882(1)	***c*** 7.741(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 11.30 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.522



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2723

WOJCIH

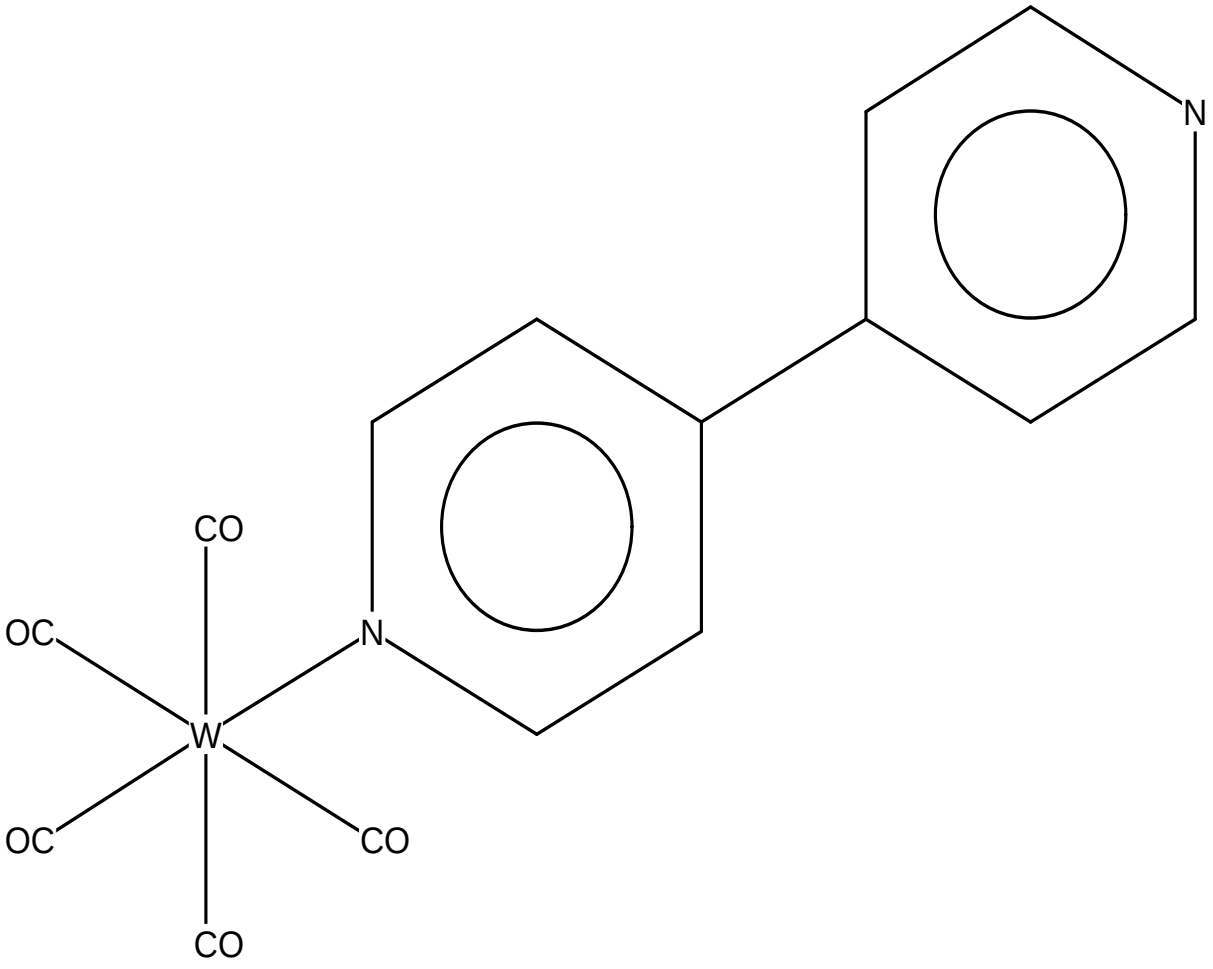
Reference: A.Nel, J.Chapman, N.Long, G.Kolawole, M.Motevalli, P.O'Brien (2000) *Polyhedron* ,**19,**1621

Formula: $C_{15}\,H_8\,N_2\,O_5\,W_1$

Compound Name: Pentacarbonyl-(4,4'-bipyridine-N)-tungsten

Space Group:	C2/c	***Cell:***	***a***	12.497(2)	***b***	16.632(2)	***c***	7.620(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.19(2)	γ	90.00

R-Factor (%):	2.56	***Temperature(K):***	295	***Density(g/cm^3):***	2.013



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2724

WOJKIP

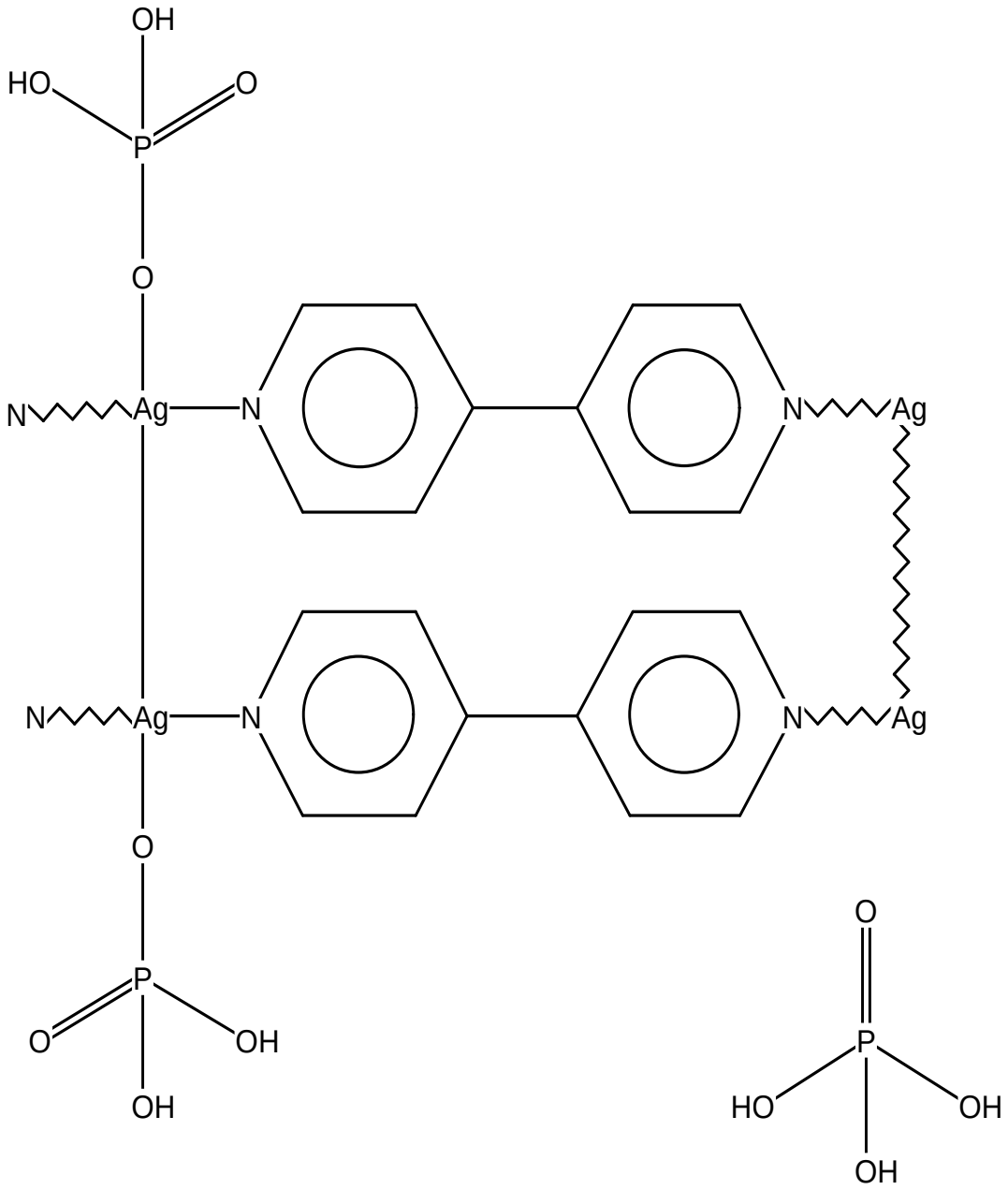
Reference: Ming-Liang Tong, Xiao-Ming Chen, Seik Weng Ng (2000) *Inorg.Chem.Commun.* ,**3,**436

Formula: $(C_{20}\ H_{20}\ Ag_2\ N_4\ O_8\ P_2)n,2n(H_3\ O_4\ P_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine)-bis(dihydrogen orthophosphate)-disilver(i) bis(phosphoric acid)]

Space Group:	P-1	***Cell:***	***a***	7.950(4)	***b***	10.450(6)	***c***	10.504(6)
Space Group No.:	2	***(Å,°)***	α	66.21	β	68.31	γ	74.40(1)

R-Factor (%): 3.71 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.075



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2725

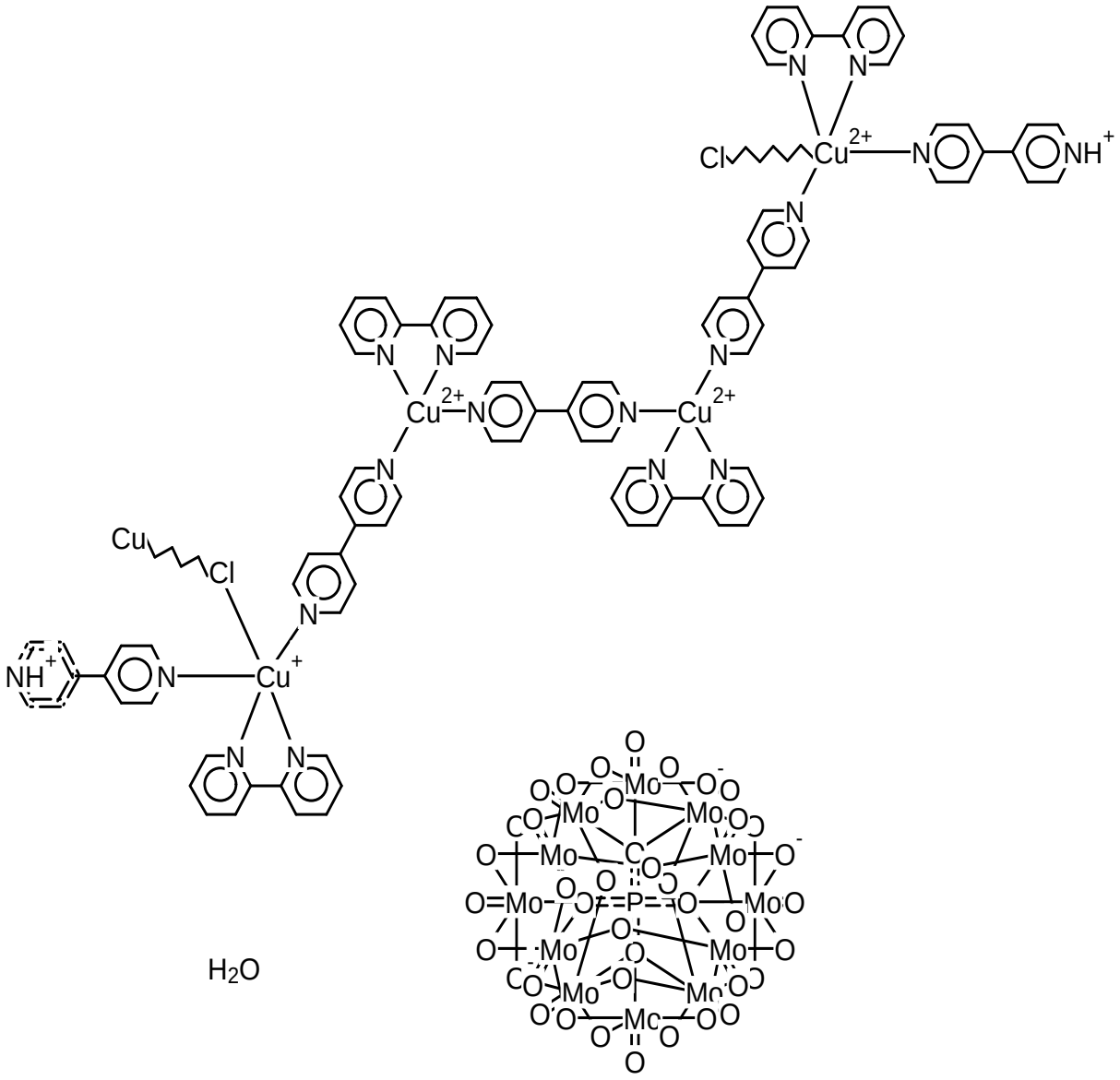
WOJROD

Reference: Ling Yuan, Chao Qin, Xinlong Wan, Enbo Wang, Song Chang (2008) *Eur.J.Inorg.Chem.* ,4936

Formula: $(C_{90}\ H_{74}\ Cl_1\ Cu_4\ N_{18}\ ^{9+})n,3n(Mo_{12}\ O_{40}\ P_1\ ^{3-}),2n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine)-(μ_2-chloro)-tetrakis(2,2'-bipyridine)-bis(4,4'-bipyridinium)-tetra-copper(ii) tris((μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum) dihydrate)

Space Group:	P-1	***Cell:***	***a*** 11.819(2)	***b*** 18.924(4)	***c*** 20.027(4)
Space Group No.:	2	***(Å,°)***	α 109.20(3)	β 100.94(3)	γ 93.72(3)
R-Factor (%):	6.60	***Temperature(K):***	293	***Density(g/cm^3):***	2.906



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2726

WOJRUJ

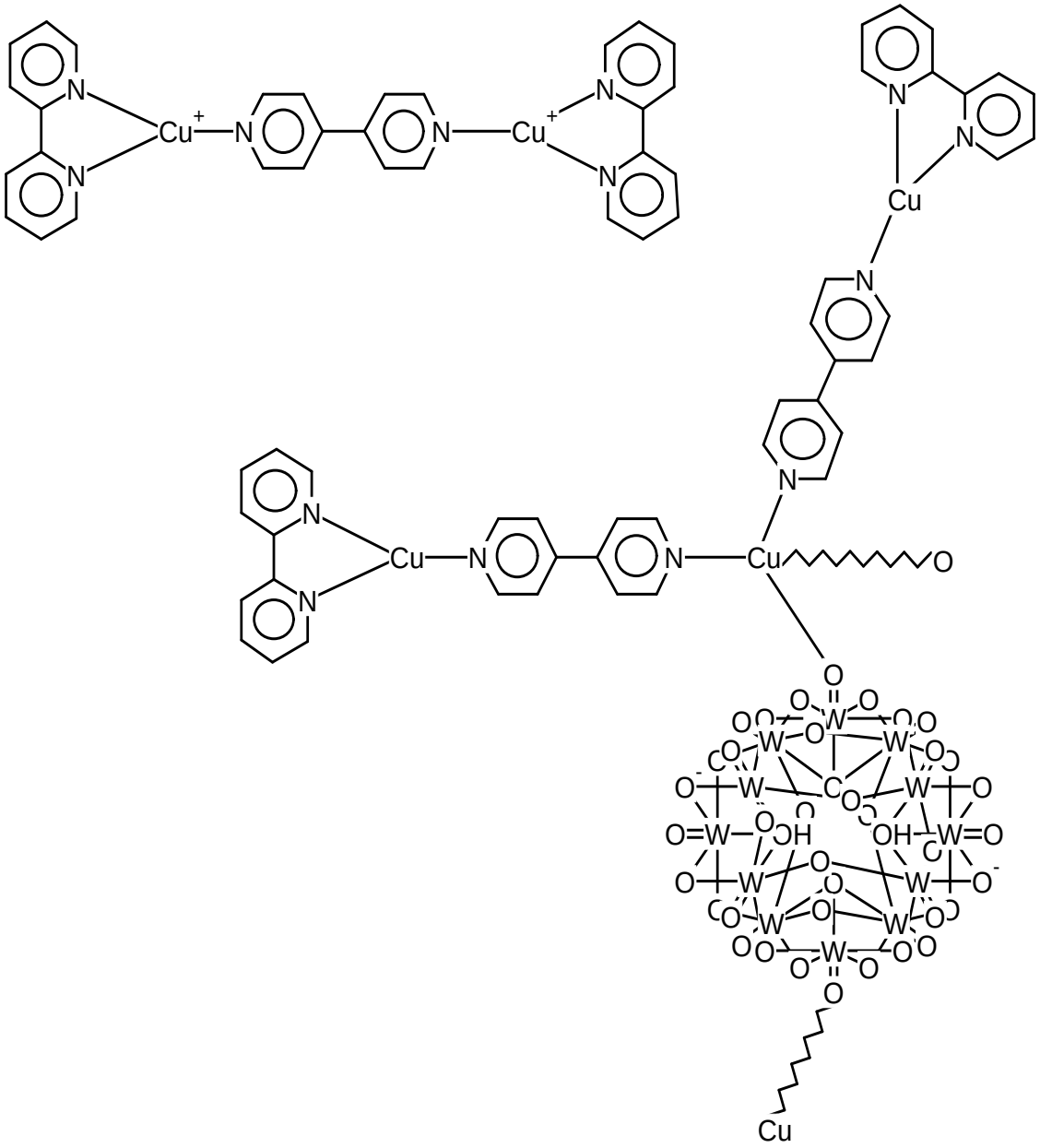
Reference: Ling Yuan, Chao Qin, Xinlong Wan, Enbo Wang, Song Chang (2008) *Eur.J.Inorg.Chem.* ,4936

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,n(C_{40}\ H_{34}\ Cu_3\ N_8\ O_{40}\ W_{12}\ ^{2-})$

Compound Name: catena-((μ_2-4,4-Bipyridine)-bis(2,2'-bipyridine)-di-copper(i) bis((μ_3-hydroxo)-(μ_3-oxo)-(μ_2-4,4'-bipyridine))-hexacosakis(μ_2-oxo)-bis(2,2'-bipyridine)-decaoxo-tri-copper(i)-dodeca-tungsten)

Space Group:	P-1	***Cell:***	***a***	13.073(3)	***b***	13.406(3)	***c***	13.683(3)
Space Group No.:	2	***(Å,°)***	α	86.84(3)	β	65.37(3)	γ	63.68(3)

R-Factor (%): 8.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.667



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2727

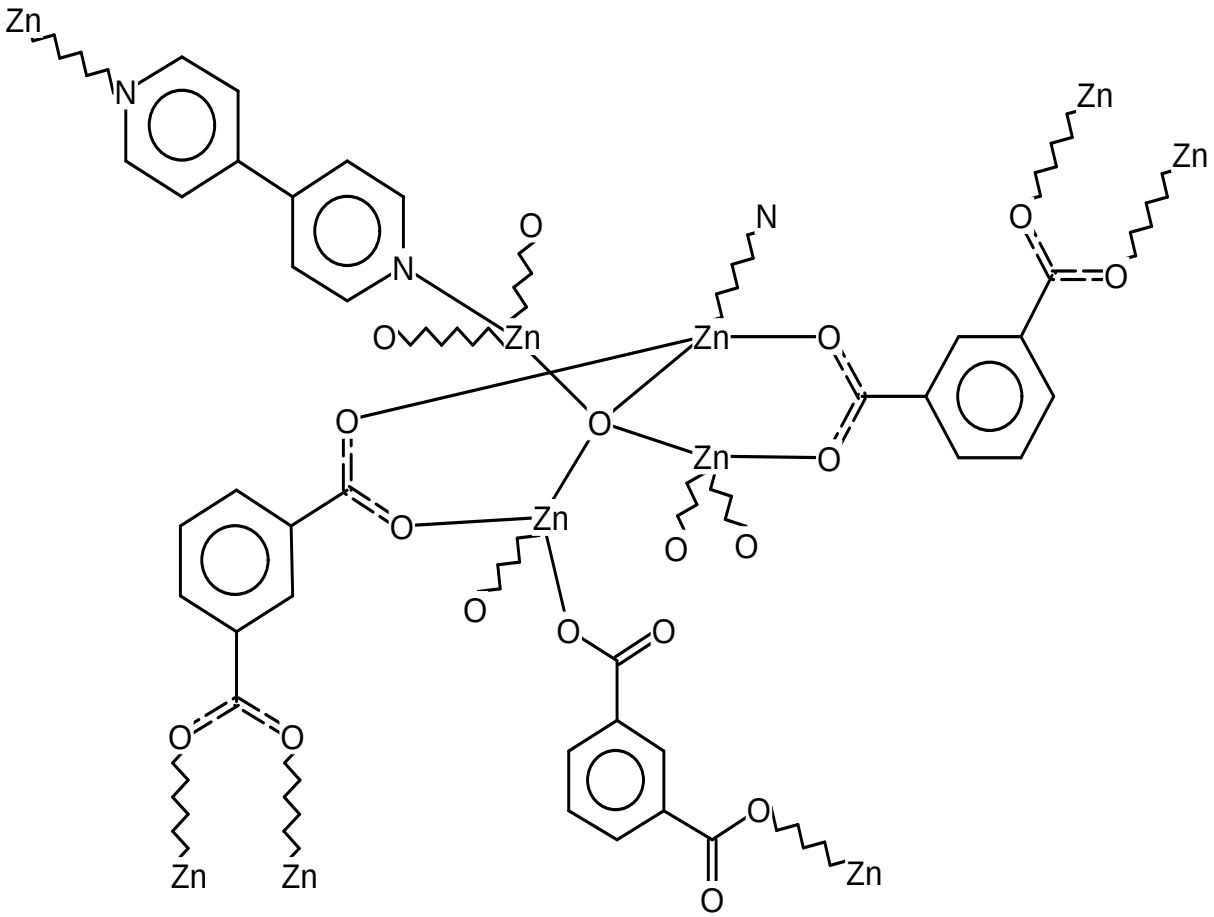
WOJZAW

Reference: Jun Tao, Ming-Liang Tong, Jian-Xin Shi, Xiao-Ming Chen, Seik Weng Ng (2000) *Chem.Commun.* ,2043

Formula: $(C_{34}\ H_{20}\ N_2\ O_{13}\ Zn_4)n$

Compound Name: catena-((μ_4-Oxo)-bis(μ_4-isophthalato-O,O',O'',O''')-(μ_2-isophthalato-O,O')-(μ_2-4,4'-bipyridine-N,N')-tetra-zinc)

Space Group:	P42/mnm	***Cell:***	***a***	17.346(2)	***b***	17.346(2)	***c***	10.428(1)
Space Group No.:	136	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	2.94	***Temperature(K):***	295		***Density(g/cm^3):***	1.960		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2728

WOJZEA

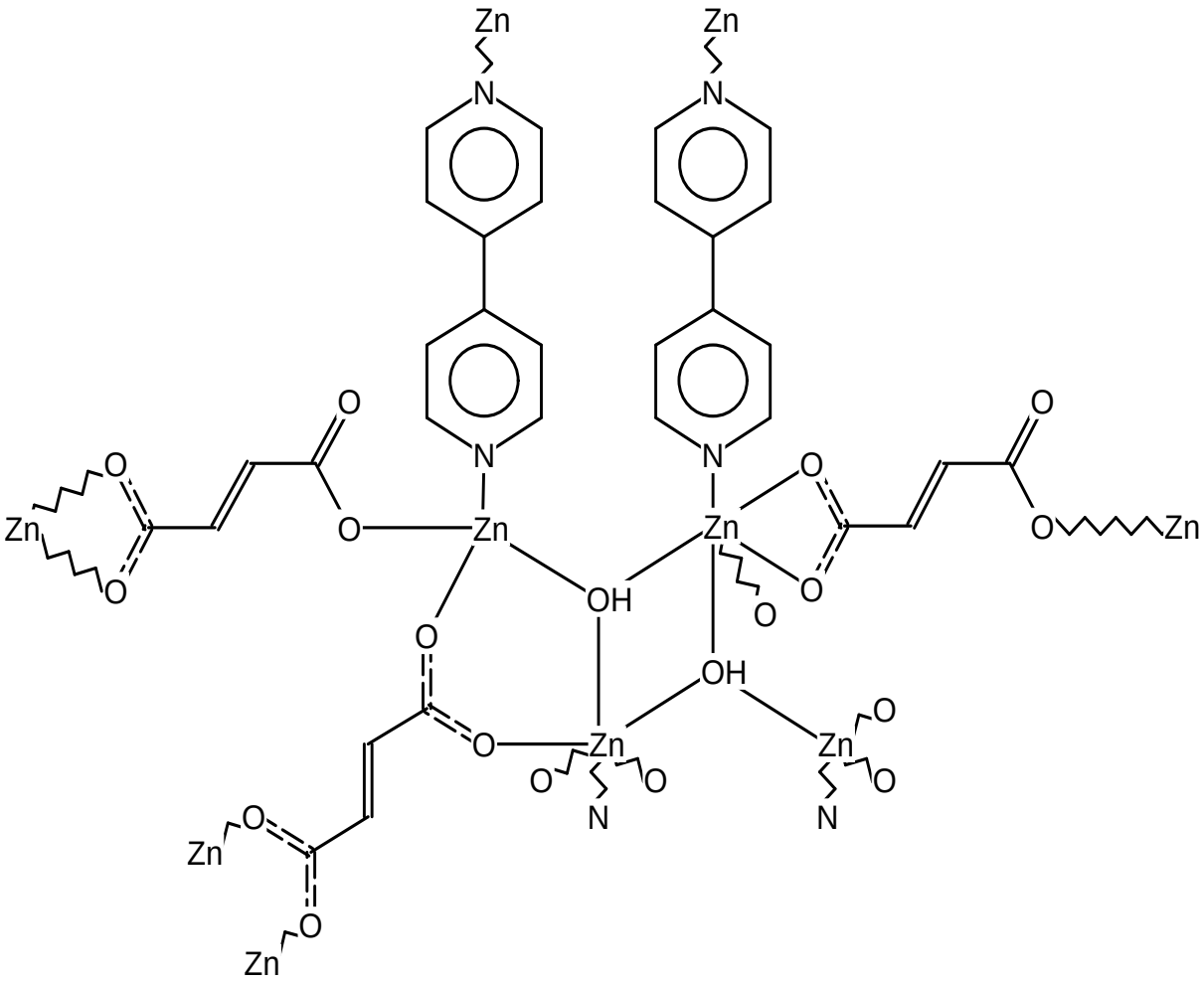
Reference: Jun Tao, Ming-Liang Tong, Jian-Xin Shi, Xiao-Ming Chen, Seik Weng Ng (2000) *Chem.Commun.* ,2043

Formula: $(C_{32}\ H_{24}\ N_4\ O_{14}\ Zn_4)n$

Compound Name: catena-((μ_4-Fumarato-O,O',O'',O''')-bis(μ_3-hydroxo)-bis(μ_2-fumarato-O,O',O'')-bis(μ_2-4,4'-bipyridine-N,N')-tetra-zinc)

Space Group:	P2/n	***Cell:***	***a***	17.096(7)	***b*** 11.183(6)	***c***	18.607(12)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.52(1)	γ	90.00

R-Factor (%): 4.24 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.824



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2729

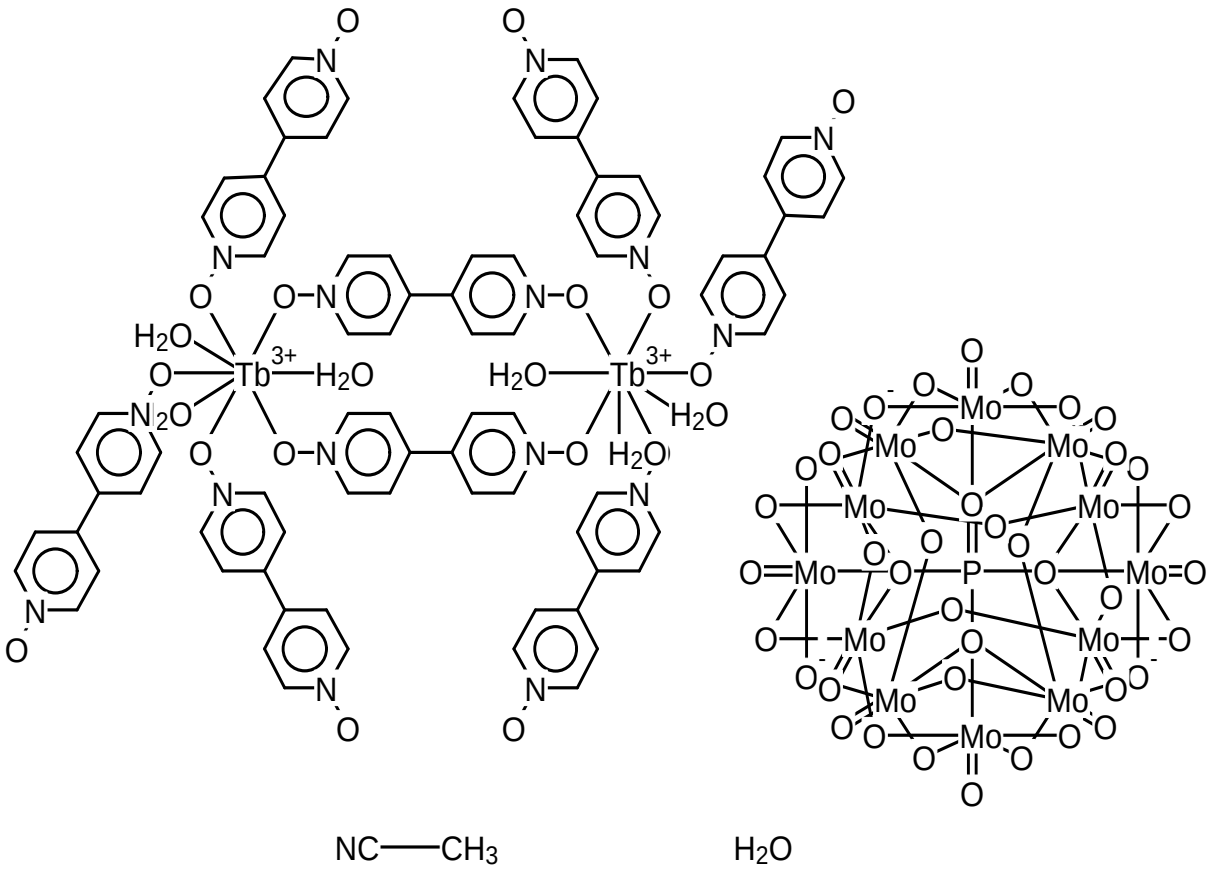
WOKBAA

Reference: Meilin Wei, Ruiping Sun, Kai Jiang, Lin Yang (2008) *J.Coord.Chem.* ,**61,**3800

Formula: $0.5(C_{80}\ H_{76}\ N_{16}\ O_{22}\ Tb_2\ ^{6+}),Mo_{12}\ O_{40}\ P_1\ ^{3-},C_2\ H_3\ N_1,2(H_2\ O_1)$

Compound Name: hemikis(bis(μ_2-4,4'-bipyridine-N,N'-dioxide)-hexaaqua-hexakis(4,4'-bipyridine-N,N'-dioxide)-di-terbium(iii)) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum acetonitrile solvate dihydrate

Space Group:	P-1	***Cell:***	***a***	11.795(2)	***b***	17.397(4)	***c***	18.901(4)
Space Group No.:	2	***(Å,°)***	α	92.31(0)	β	97.82(0)	γ	98.60(0)
R-Factor (%):	6.18	***Temperature(K):***	293	***Density(g/cm^3):***	2.509		



NC—CH$_3$ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2730

WOKBEE

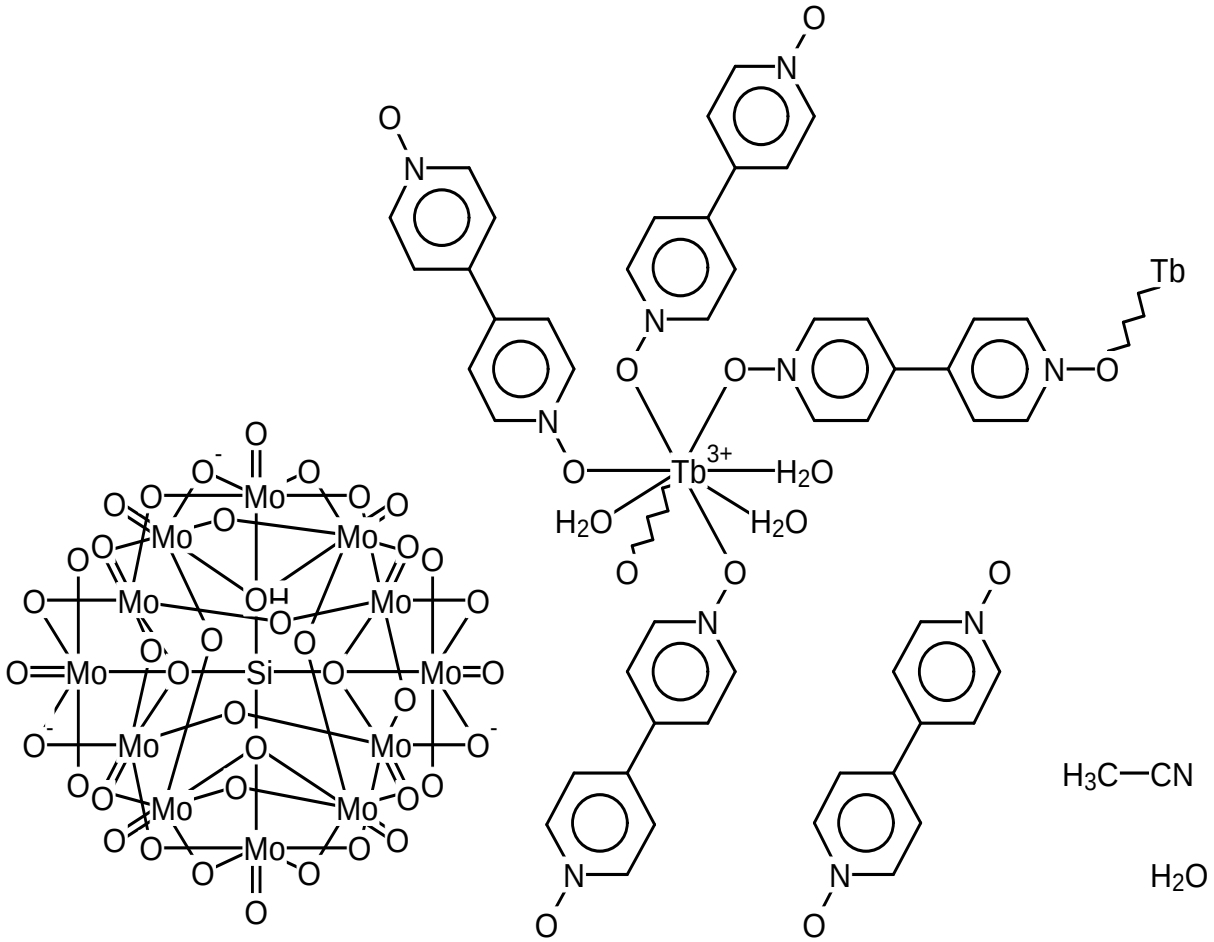
Reference: Meilin Wei, Ruiping Sun, Kai Jiang, Lin Yang (2008)
J.Coord.Chem. ,**61,**3800

Formula: $(C_{40}\ H_{38}\ N_8\ O_{11}\ Tb_1\ ^{3+})n,n(H_1\ Mo_{12}\ O_{40}\ Si_1\ ^{3-}),0.5n(C_{10}\ H_8\ N_2\ O_2),0.5n(C_2\ H_3\ N_1),4$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N'-dioxide)-triaqua-tris(4,4'-bipyridine-N,N'-dioxide)-terbium(iii) (μ_{12}-monohydrogen silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum hemikis(4,4'-bipyridine-N,N'-dioxide) acetonitrile solvate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	13.221(3)	***b***	16.519(4)	***c***	18.503(4)
Space Group No.:	2	***(Å,°)***	α	88.72(0)	β	81.98(0)	γ	83.29(0)

R-Factor (%): 4.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.484



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2731

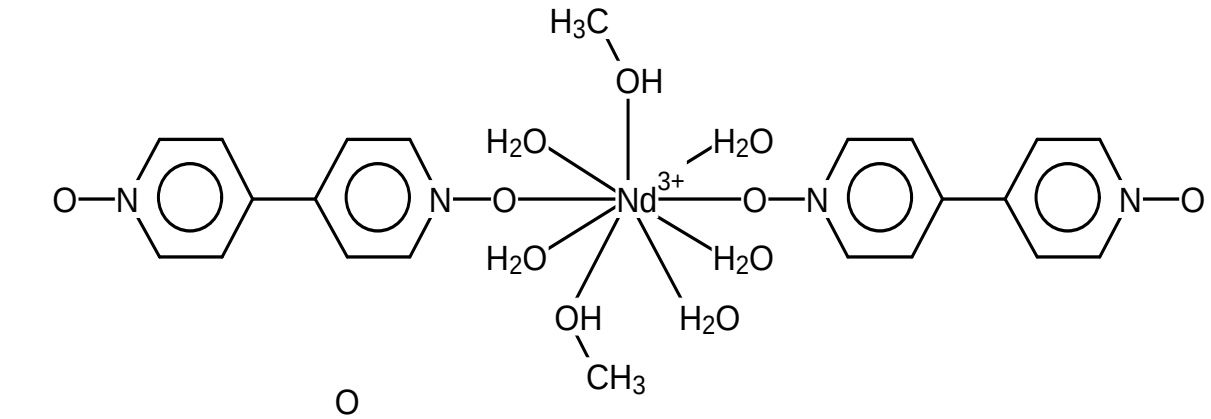
WOKBII

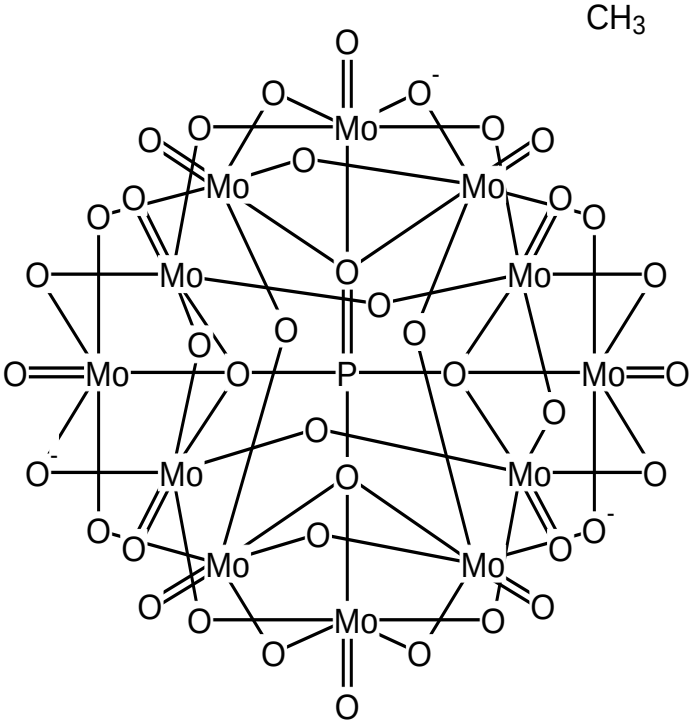
Reference: Meilin Wei, Ruiping Sun, Kai Jiang, Lin Yang (2008)
J.Coord.Chem. ,**61,**3800

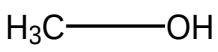
Formula: $C_{22}\ H_{34}\ N_4\ Nd_1\ O_{11}\ ^{3+},Mo_{12}\ O_{40}\ P_1\ ^{3-},C_1\ H_4\ O_1,5(H_2\ O_1)$

Compound Name: pentaaqua-bis(4,4'-bipyridine-N,N'-dioxide)-dimethanol-neodymium(iii) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum acetonitrile solvate pentahydrate

Space Group:	Cmc21	***Cell:***	***a***	15.111(1)	***b***	17.344(2)	***c***	28.382(3)
Space Group No.:	36	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	8.28	***Temperature(K):***	293	***Density(g/cm^3):***	2.339			







H2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2732

WOKHIN

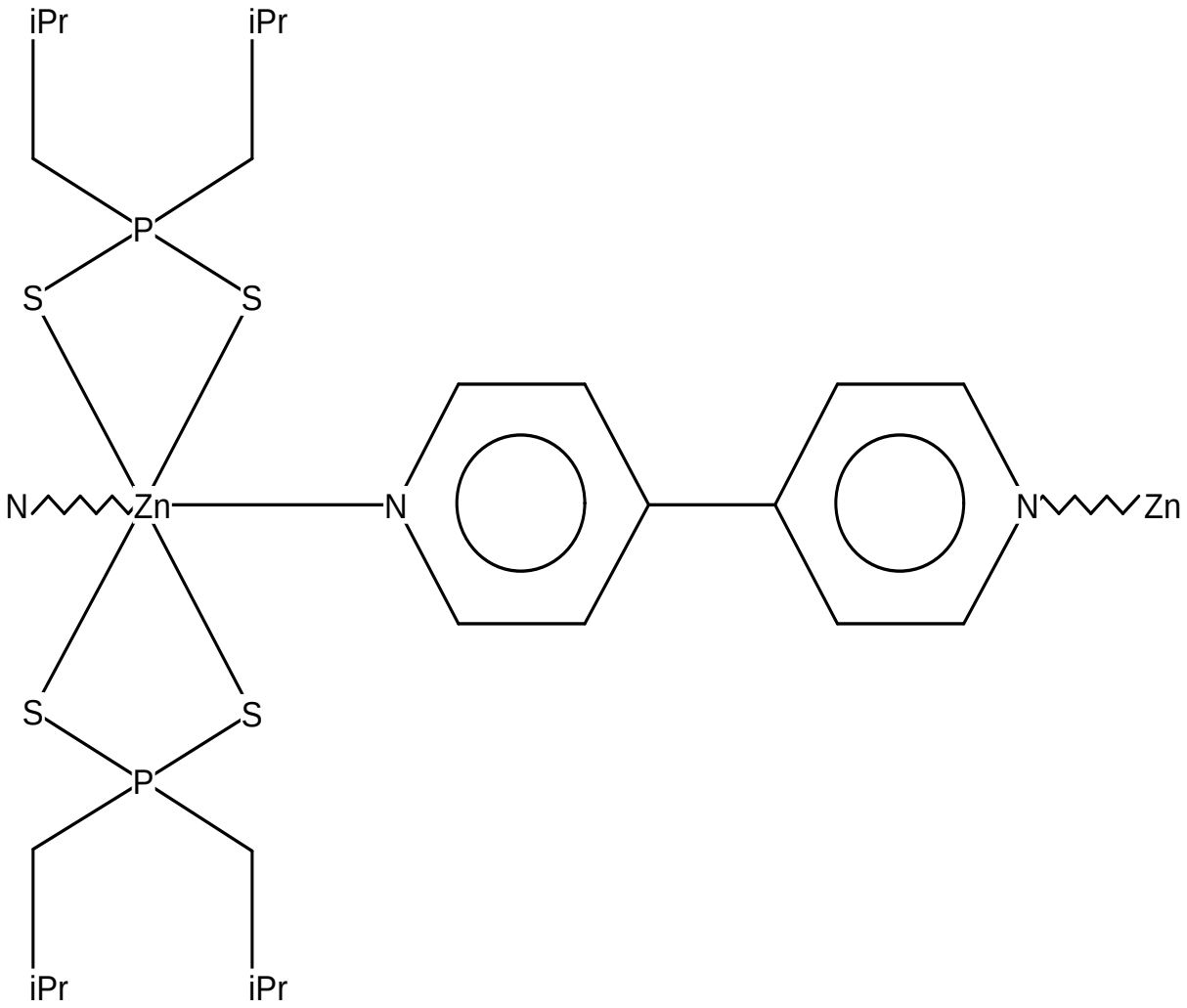
Reference: V.G.Shchukin, L.A.Glinskaya, R.F.Klevtsova, S.V.Larionov (2000) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**26,**354

Formula: $(C_{26}\ H_{44}\ N_2\ P_2\ S_4\ Zn_1)n$

Compound Name: catena-((4,4'-Bipyridyl-N,N')-bis(di-isobutyldithiophosphinato-S,S')-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	9.090(2)	***b*** 9.465(2)	***c***	10.179(2)
Space Group No.:	2	***(Å,°)***	α	93.13(3)	β 107.33(3)	γ	103.89(3)

R-Factor (%): 3.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.322



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2733

WONZIJ

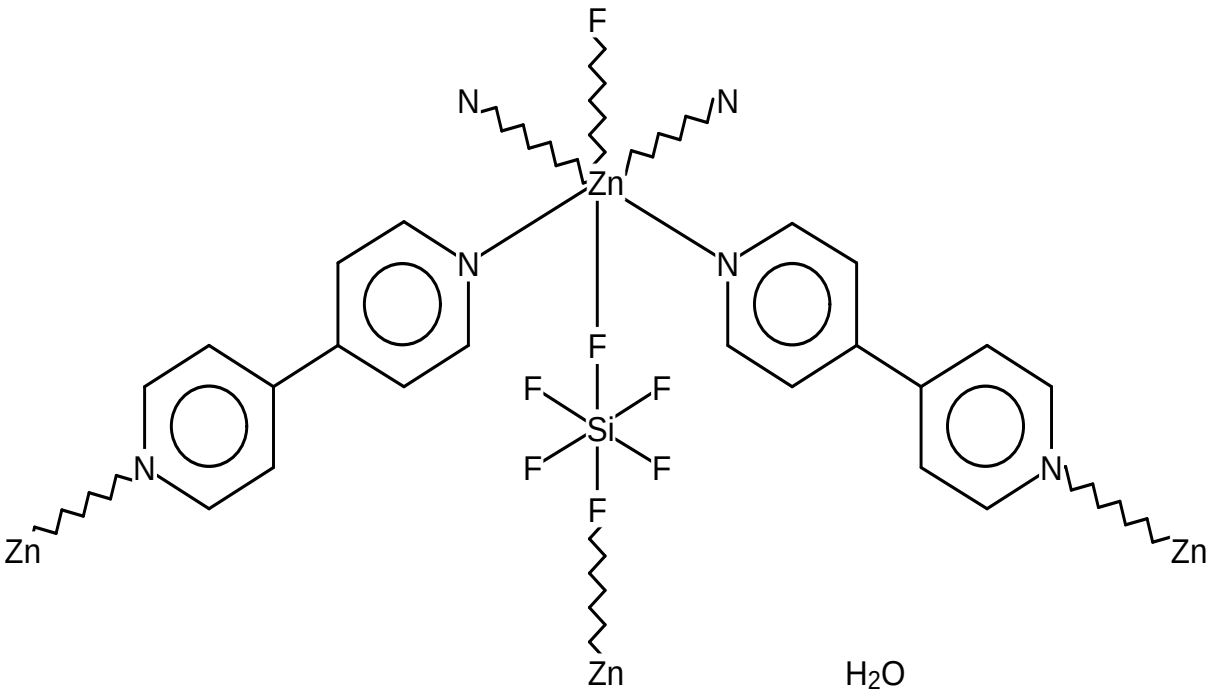
Reference: Mei-Jin Lin, A.Jouaiti, N.Kyritsakas, M.W.Hosseini (2009) *CrystEngComm* ,**11,**189

Formula: $(C_{20}\ H_{16}\ F_6\ N_4\ Si_1\ Zn_1)n,9n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-hexafluorosilicate-F,F')-zinc(ii) nonahydrate]

Space Group:	I4/mcm	***Cell:***	***a***	16.049(0)	***b***	16.049(0)	***c***	15.368(1)
Space Group No.:	140	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.86 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.144



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2734

WOPDAH

Reference: Lu-Fang Ma, Li-Ya Wang, Yao-Yu Wang, Miao Du, Jian-Ge Wang (2009) *CrystEngComm ,***11,**109

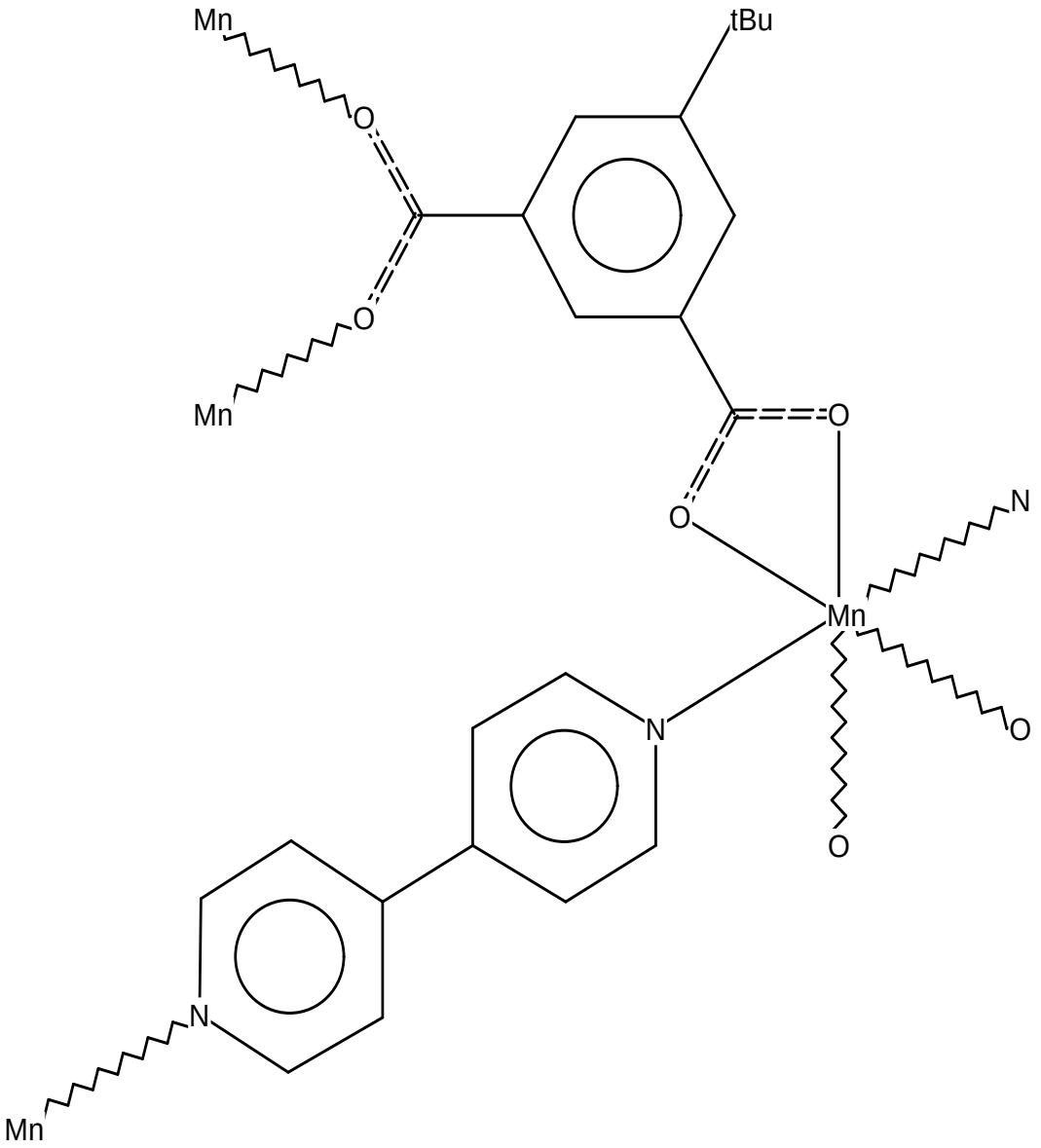
Formula: $(C_{22}\ H_{20}\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_3-5-t-Butylisophthalato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-manganese(ii)]

Synonym: catena-[(μ_3-5-t-Butylbenzene-1,3-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-manganese(ii)]

Space Group:	C2/c	***Cell:***	***a***	18.438(2)	***b***	14.600(1)	***c*** 15.503(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.14(0)	γ 90.00

R-Factor (%): 3.76 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.373



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2735

WOPMAP

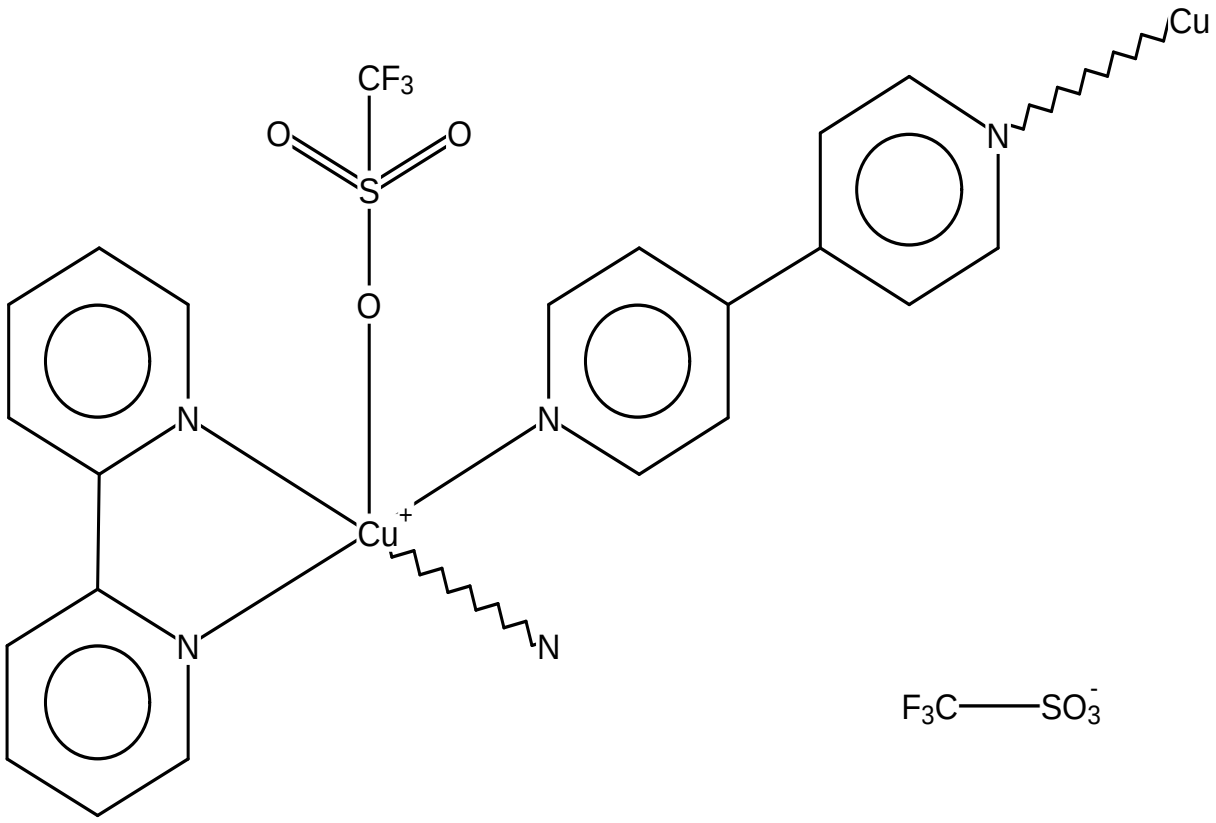
Reference: L.Carlucci, G.Ciani, A.Gramaccioli, D.M.Proserpio, S.Rizzato (2000) *CrystEngComm* ,**2,**154

Formula: $(C_{21}\ H_{16}\ Cu_1\ F_3\ N_4\ O_3\ S_1\ ^{1+})n,n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-(2,2'-bipyridine)-(trifluoromethanesulfonato)-copper(ii) trifluoromethanesulfonate)

Space Group:	P21/m	***Cell:***	***a***	9.695(3)	***b***	13.422(5)	***c*** 10.228(4)
Space Group No.:	11	***(Å,°)***	α	90.00	β	92.20(4)	γ 90.00

R-Factor (%): 8.03 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.683



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2736

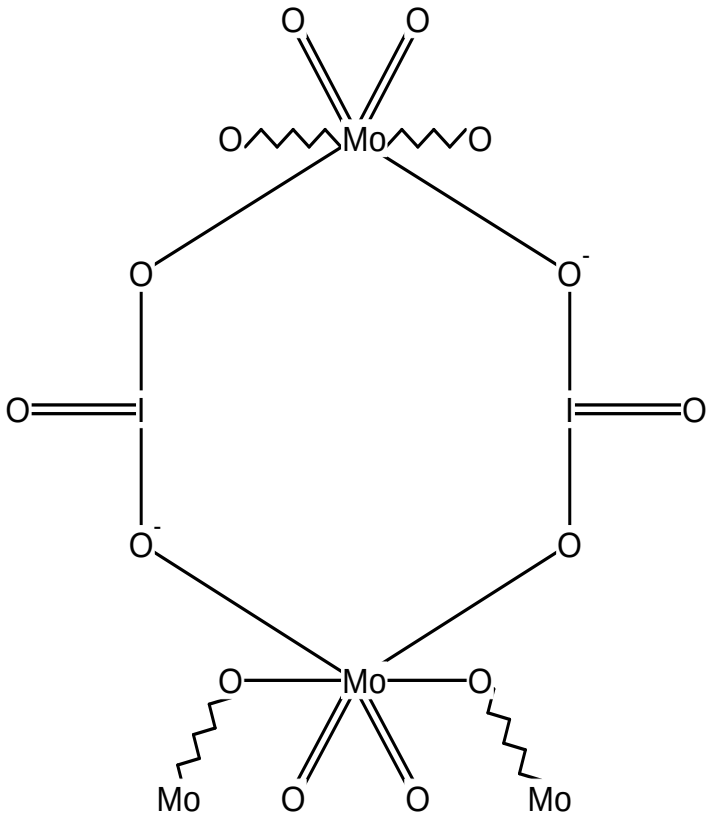
WOPVON

Reference: Xiaomin Liu, Guanghua Li, Yawei Hu, Yang Yu, Minghui Bi, Zhan Shi, Shouhua Feng (2009) *Inorg.Chim.Acta* ,**362,**65

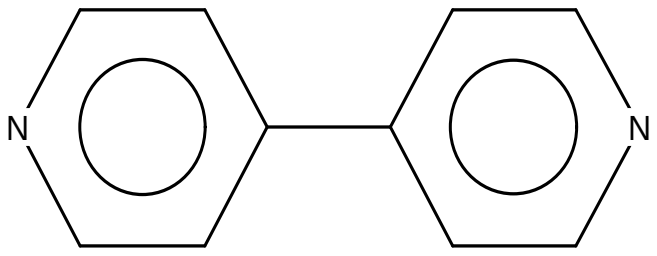
Formula: $(H_3 O_1)^{1+}2n,n(I_2 Mo_2 O_{12})^{2-},n(C_{10} H_8 N_2)$

Compound Name: catena-(bis(Oxonium) bis(μ_2-iodato-O,O')-bis(μ_2-oxo)-tetraoxo-di-molybdenum 4,4'-bipyridine)

Space Group:	C2/c	***Cell:***	***a***	24.176(5)	***b*** 10.751(2)	***c***	7.507(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.44(3)	γ	90.00
R-Factor (%):	2.00	***Temperature(K):***	293		***Density(g/cm^3):***		2.968



OH_3^+



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2737

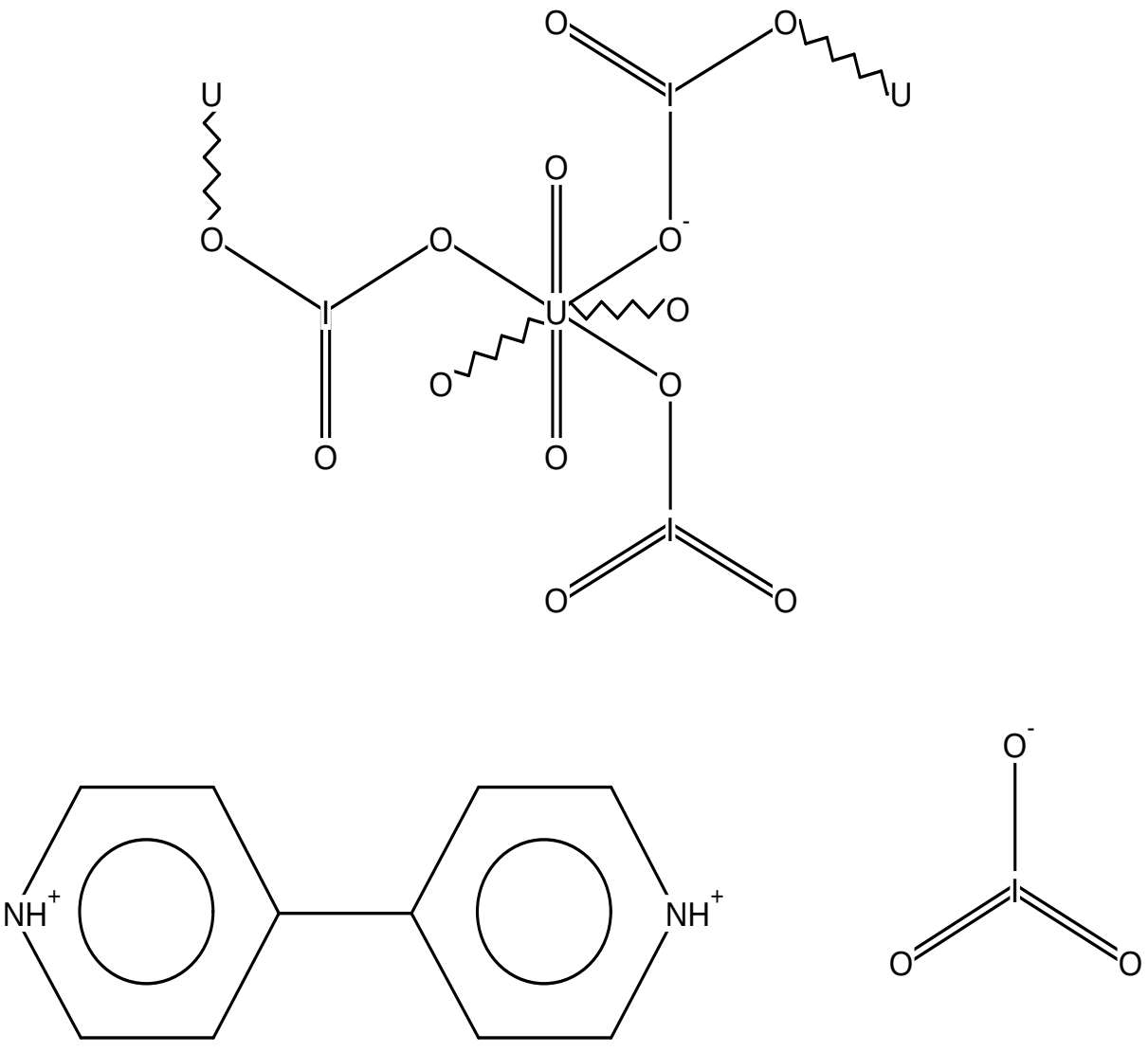
WOPWAA

Reference: Xiaomin Liu, Guanghua Li, Yawei Hu, Yang Yu, Minghui Bi, Zhan Shi, Shouhua Feng (2009) *Inorg.Chim.Acta* ,**362,**65

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(I_3\ O_{11}\ U_1\ ^{1-}),n(I_1\ O_3\ ^{1-})$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_2-iodato-O,O')-(iodato-O)-dioxo-uranium iodate)

Space Group:	P21/n	***Cell:***	***a*** 14.430(3)	***b*** 7.346(1)	***c*** 19.811(4)
Space Group No.:	14	***(Å,°)***	α 90.00	β 106.70(3)	γ 90.00
R-Factor (%):	2.38	***Temperature(K):***	293	***Density(g/cm^3):***	3.724


O
O
U
O
O
O
U
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2738

WUBZEY

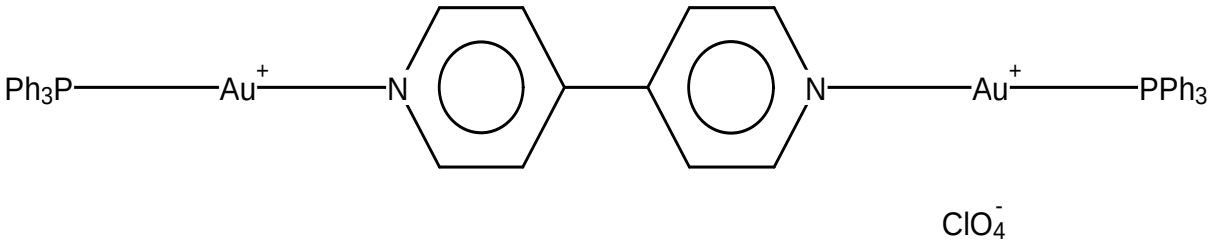
Reference: Dan Li, Zhi-Yu Qi, Qiao Feng, Rong-Zhen Li, Xiao-Long Feng, Ji-Wen Cai (2002) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**60,**1637

Formula: $C_{46}\ H_{38}\ Au_2\ N_2\ P_2\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(triphenylphosphine)-di-gold(i) diperchlorate

Space Group:	P21/c	***Cell:***	***a***	12.255(4)	***b*** 9.973(3)	***c***	18.506(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.73(0)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.910



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2739

WUBZIC

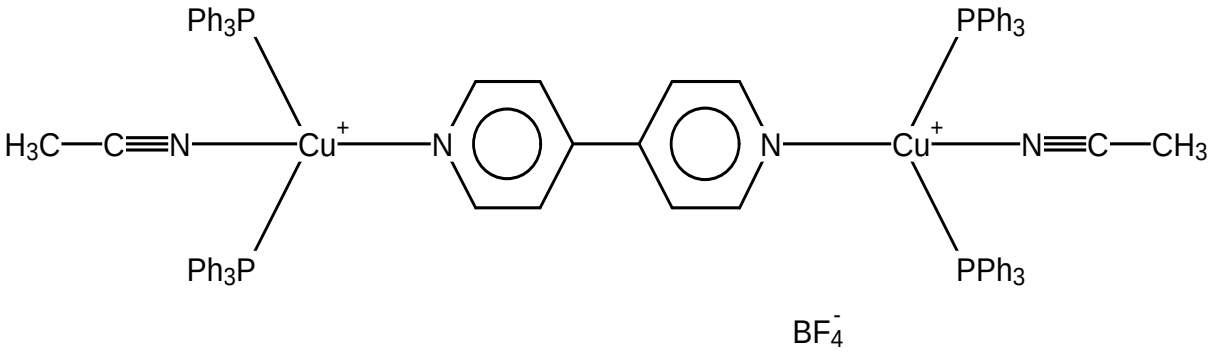
Reference: Dan Li, Zhi-Yu Qi, Qiao Feng, Rong-Zhen Li, Xiao-Long Feng, Ji-Wen Cai (2002) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* ,**60,**1637

Formula: $C_{86}\ H_{74}\ Cu_2\ N_4\ P_4\ ^{2+},2(B_1\ F_4\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(acetonitrile)-tetrakis(triphenylphosphine)-di-copper(i) bis(tetrafluoroborate)

Space Group:	P21/c	***Cell:***	***a***	13.463(3)	***b*** 14.681(3)	***c***	20.608(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.39(0)	γ	90.00

R-Factor (%): 4.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.316



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2740

WUBZIC01

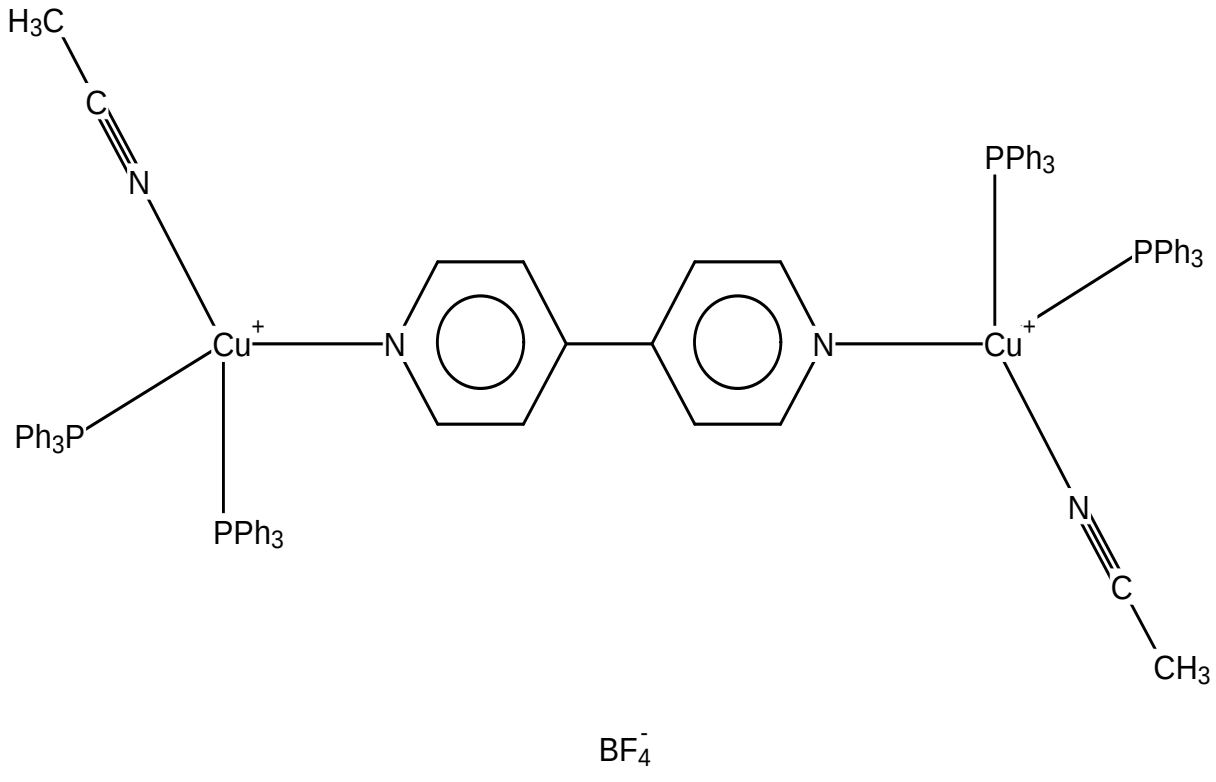
Reference: Chun-Bo Liu, Guang-Bo Che, Xiu-Ying Li, Mei Liu, Zhan-Lin Xu, Wen-Lian Li, Qing-Wei Wang (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**1097

Formula: $C_{86}\,H_{74}\,Cu_2\,N_4\,P_4\,^{2+},2(B_1\,F_4\,^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(acetonitrile)-tetrakis(triphenylphosphine)-di-copper(i) bis(tetrafluoroborate)

Space Group:	P21/c	***Cell:***	***a***	13.440(2)	***b*** 14.642(2)	***c***	20.583(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.52(0)	γ	90.00

R-Factor (%): 4.56 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.324



BF_4^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2741

WUCNOX

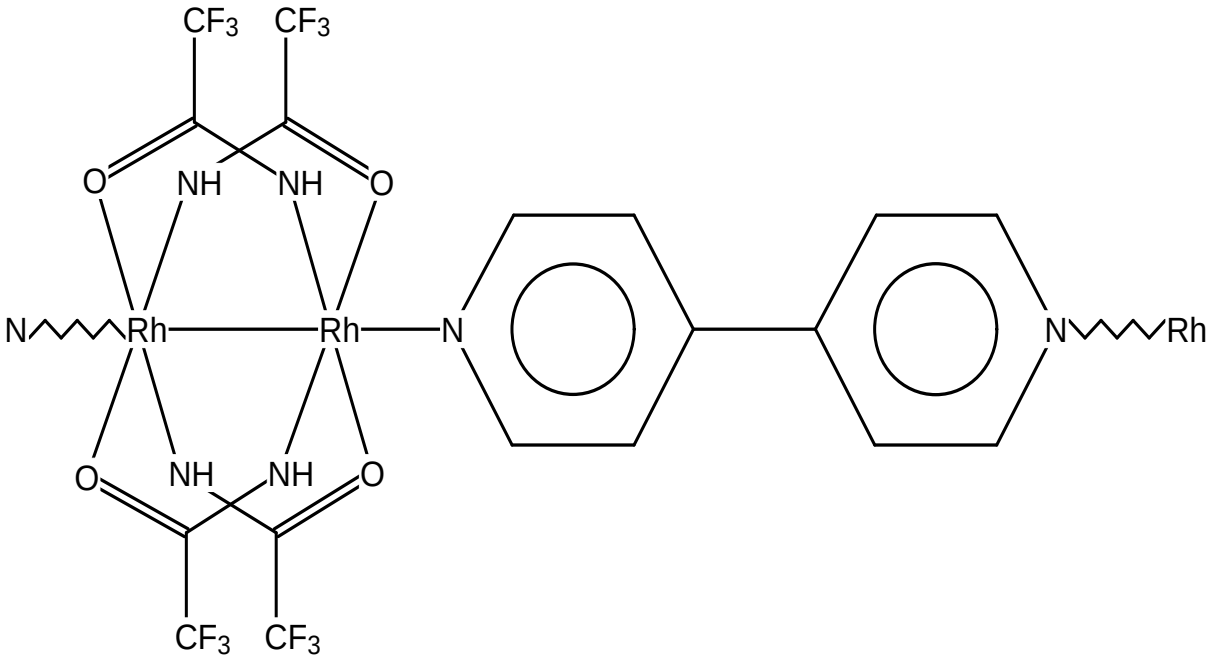
Reference: M.Handa, Y.Muraki, M.Mikuriya, H.Azuma, K.Kasuga (2002) *Bull.Chem.Soc.Jpn. ,***75,**1755

Formula: $(C_{18}\ H_{12}\ F_{12}\ N_6\ O_4\ Rh_2)n$

Compound Name: catena-(tetrakis(μ_2-Trifluoroacetamidato-N,O)-(μ_2-4,4'-bipyridine-N,N')-di-rhodium(ii))

Space Group:	C2/c	***Cell:***	***a***	17.219(5)	***b*** 19.314(2)	***c***	8.755(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.82(1)	γ	90.00

R-Factor (%): 3.40 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.952



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2742

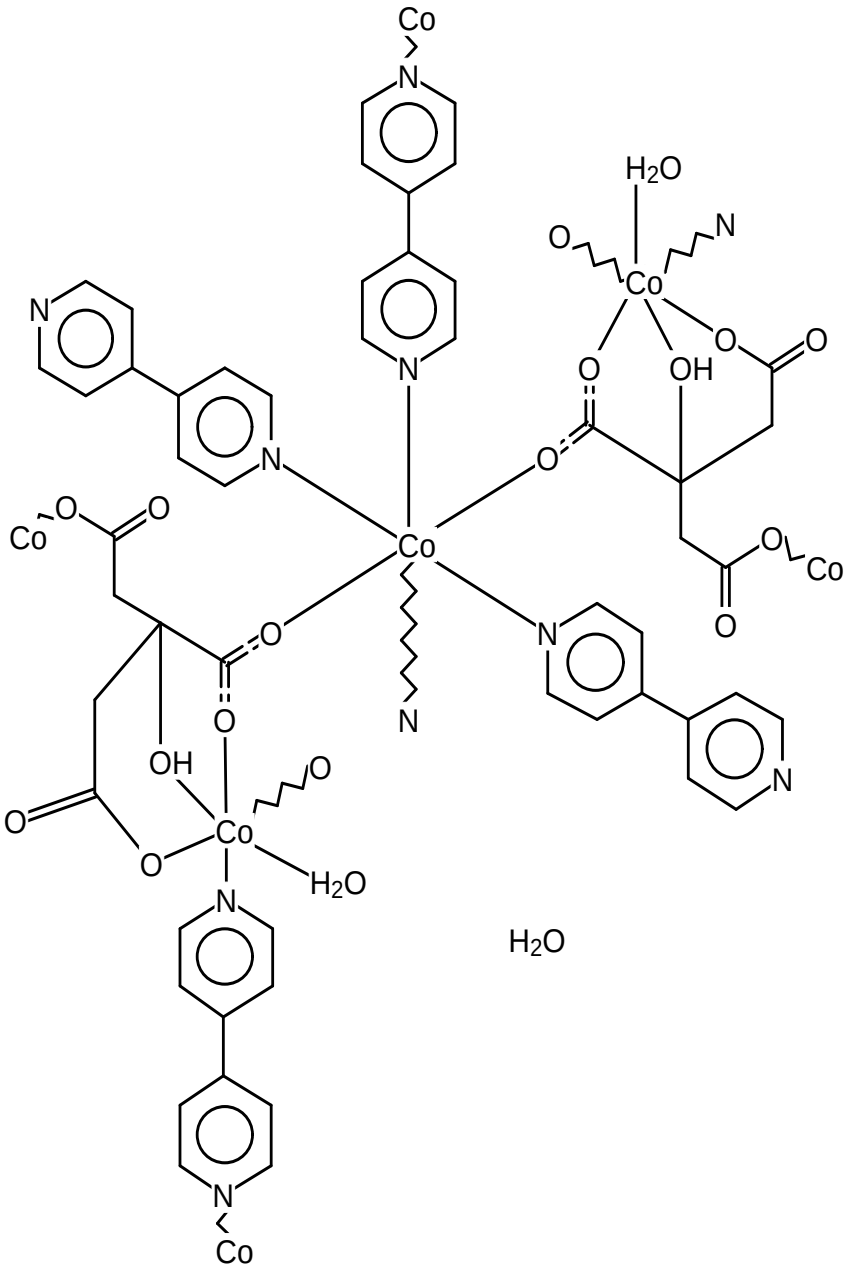
WUDNAK

Reference: Ju-Hsiou Liao, Shi-Hao Cheng, Ching-Ting Su (2002) *Inorg.Chem.Commun.* ,**5,**761

Formula: $(C_{52}\ H_{46}\ Co_3\ N_8\ O_{16})n,4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_3-Citrato)-bis(μ_2-4,4'-bipyridyl)-diaqua-bis(4,4'-bipyridyl)-tri-cobalt(ii) tetrahydrate clathrate]

Space Group:	P-1	***Cell:***	***a***	10.850(1)	***b***	11.534(2)	***c***	13.608(1)
Space Group No.:	2	***(Å,°)***	α	66.17(1)	β	81.40(1)	γ	63.15(1)
R-Factor (%):	4.19	***Temperature(K):***	293		***Density(g/cm^3):***		1.540	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2743

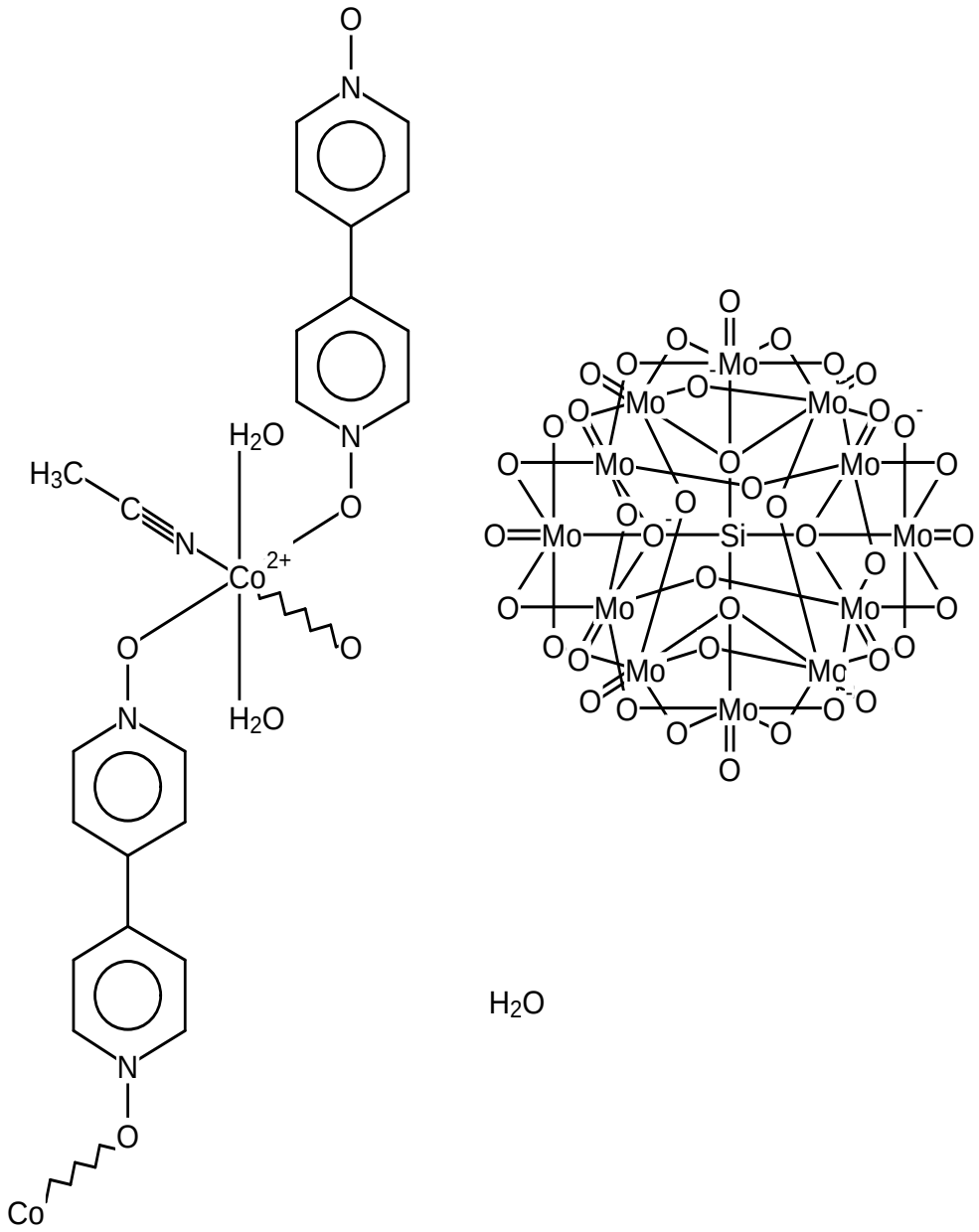
WUDZEB

Reference: Mei-Lin Wei, Chun-Ying Duan (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**971

Formula: $(C_{22}\ H_{23}\ Co_1\ N_5\ O_6\ ^{2+})2n,n(Mo_{12}\ O_{40}\ Si_1\ ^{4-}),2n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-bipyridine N,N'-dioxide)-diaqua-(acetonitrile)-(4,4'-bipyridine N,N'-dioxide)-cobalt(ii)) (μ$_{12}$-silicato)-tetracosakis(μ$_2$-oxo)-dodecaoxo-dodecea-molybdenum dihydrate)

Space Group:	P1	***Cell:***	***a*** 11.430(3)	***b*** 12.242(3)	***c*** 14.279(3)
Space Group No.:	1	***(Å,°)***	α 106.20(0)	β 94.32(0)	γ 98.29(0)
R-Factor (%):	3.83	***Temperature(K):***	293	***Density(g/cm^3):***	2.538



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2744

WUDZIF

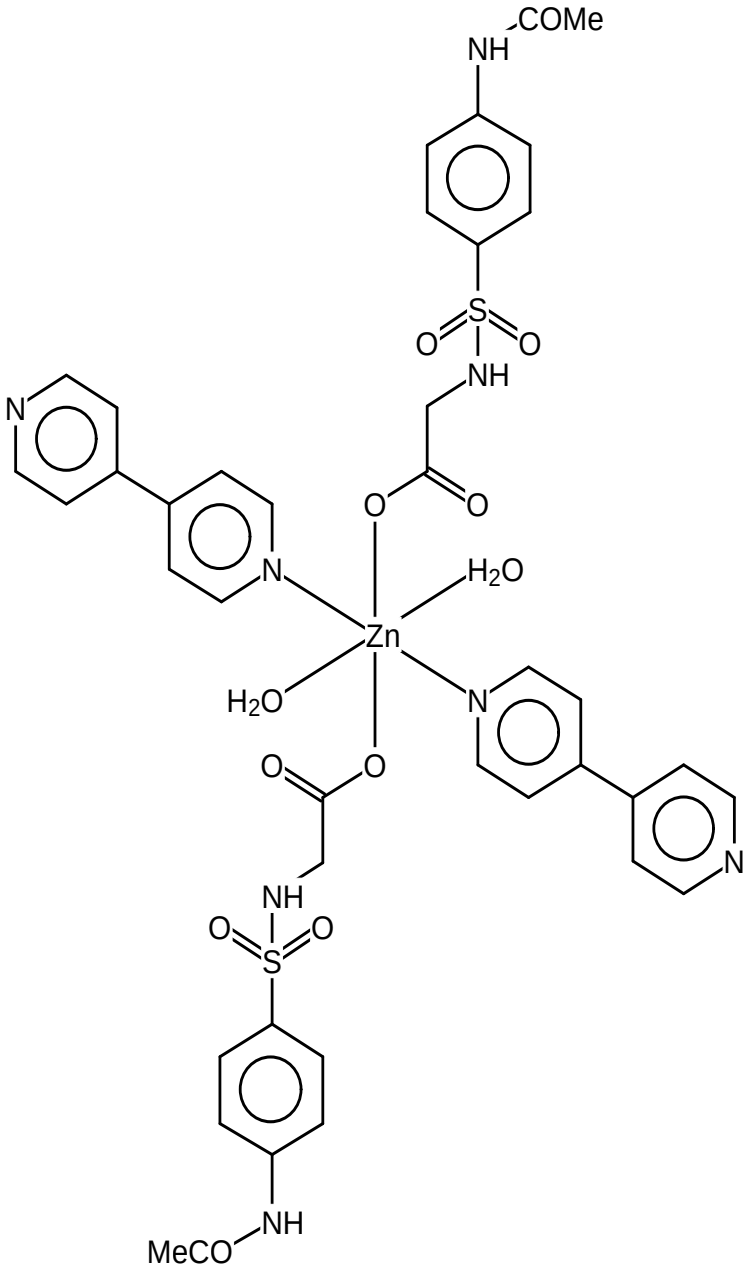
Reference: Li-Ya Wang, Yong-Wei Wang, Xin-De Wang, Lu-Fang Ma (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,**983

Formula: $C_{40}\ H_{42}\ N_8\ O_{12}\ S_2\ Zn_1$

Compound Name: bis(N-((4-acetamidophenyl)sulfonyl)glycinato)-diaqua-bis(4,4'-bipyridine)-zinc

Space Group:	P21/n	***Cell:***	***a***	9.903(1)	***b***	10.528(1)	***c***	20.461(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.88(0)	γ	90.00

R-Factor (%): 2.99 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.503



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2745

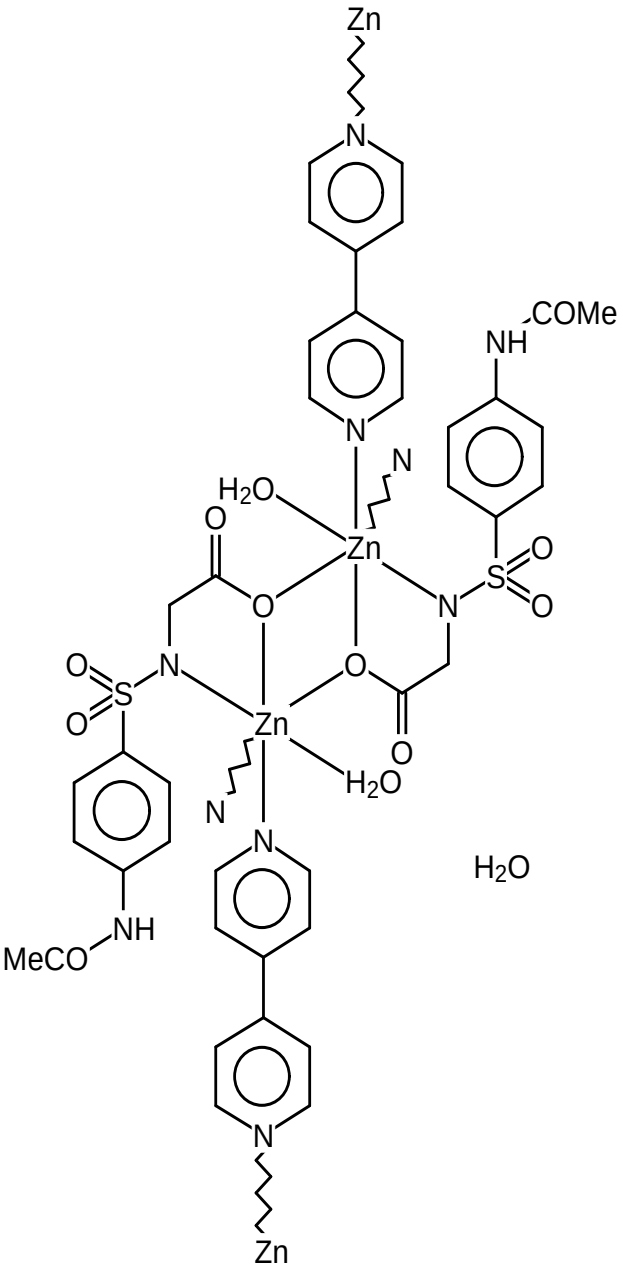
WUDZOL

Reference: Li-Ya Wang, Yong-Wei Wang, Xin-De Wang, Lu-Fang Ma (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,**983

Formula: $(C_{40}\ H_{40}\ N_8\ O_{12}\ S_2\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-N-((4-Acetamidophenyl)sulfonyl)glycinato)-bis(μ_2-4,4'-bipyridine)-diaqua-di-zinc dihydrate)

Space Group:	P2/c	***Cell:***	***a***	10.499(5)	***b***	11.645(5)	***c***	18.203(9)
Space Group No.:	13	***(Å,°)***	α	90.00	β	98.14(0)	γ	90.00
R-Factor (%):	2.83	***Temperature(K):***	291	***Density(g/cm^3):***	1.591			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2746

WUFLOZ

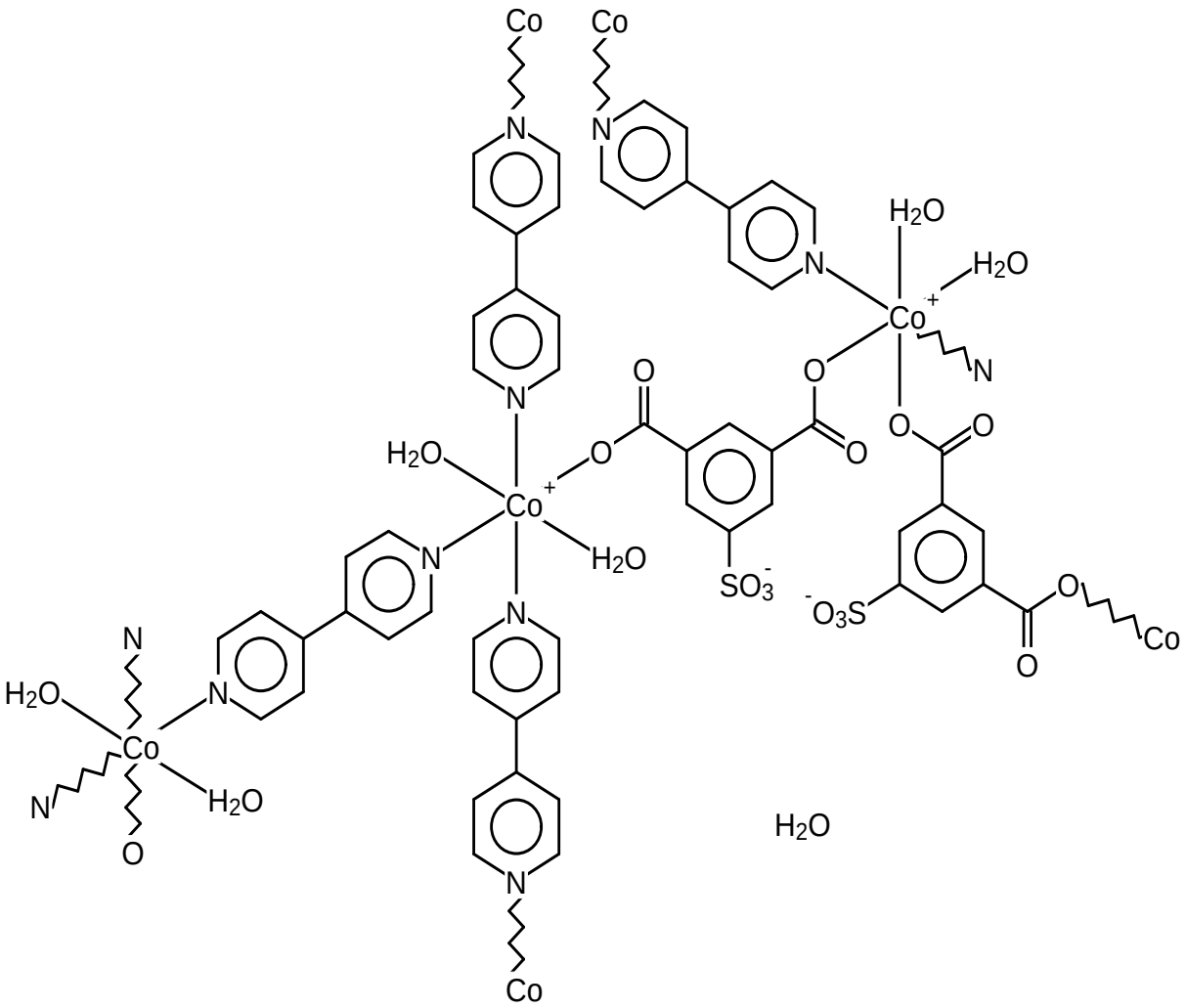
Reference: Hong-Xu Guo, Xi-Zhong Li, Wen Weng, Xiao-Wei Wu, Wen-Bing Wu (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,**683

Formula: $(C_{56}\ H_{50}\ Co_3\ N_8\ O_{20}\ S_2)n,6.5n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-5-sulfoisophthalato-O,O')-hexa-aqua-tri-cobalt hydrate)

Space Group:	P212121	***Cell:***	***a***	11.395(2)	***b***	19.395(4)	***c***	30.675(6)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.482



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2747

WUGMOB

Reference: Dongrong Xiao, Ruo Yuan, Dianzhen Sun, Guangju Zhang, Haiyan Chen, Jianghong He, Enbo Wang (2009) *J.Mol.Struct. ,***936,**264

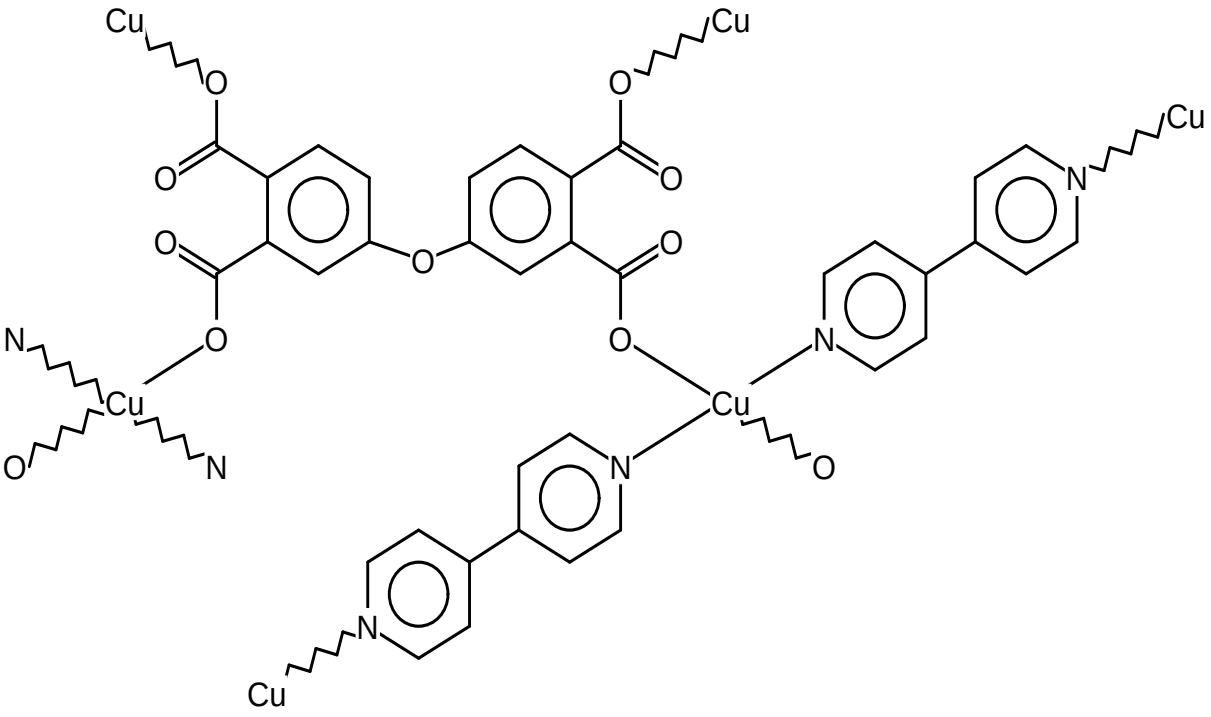
Formula: $(C_{36}\ H_{22}\ Cu_2\ N_4\ O_9)n$

Compound Name: catena-[(μ_4-4,4'-Oxydiphthalato-O,O',O'',O''')-bis(4,4'-bipyridine-N,N')-di-copper(ii)]

Synonym: catena-[(μ_4-4,4'-Oxydibenzene-1,2-dicarboxylato-O,O',O'',O''')-bis(4,4'-bipyridine-N,N')-di-copper(ii)]

Space Group:	Fdd2	***Cell:***	***a***	23.597(5)	***b***	26.869(5)	***c*** 11.428(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.39 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.433



Search: search1 (Thu May 26 10:05:42 2011): Hit 2748

WUHDUZ

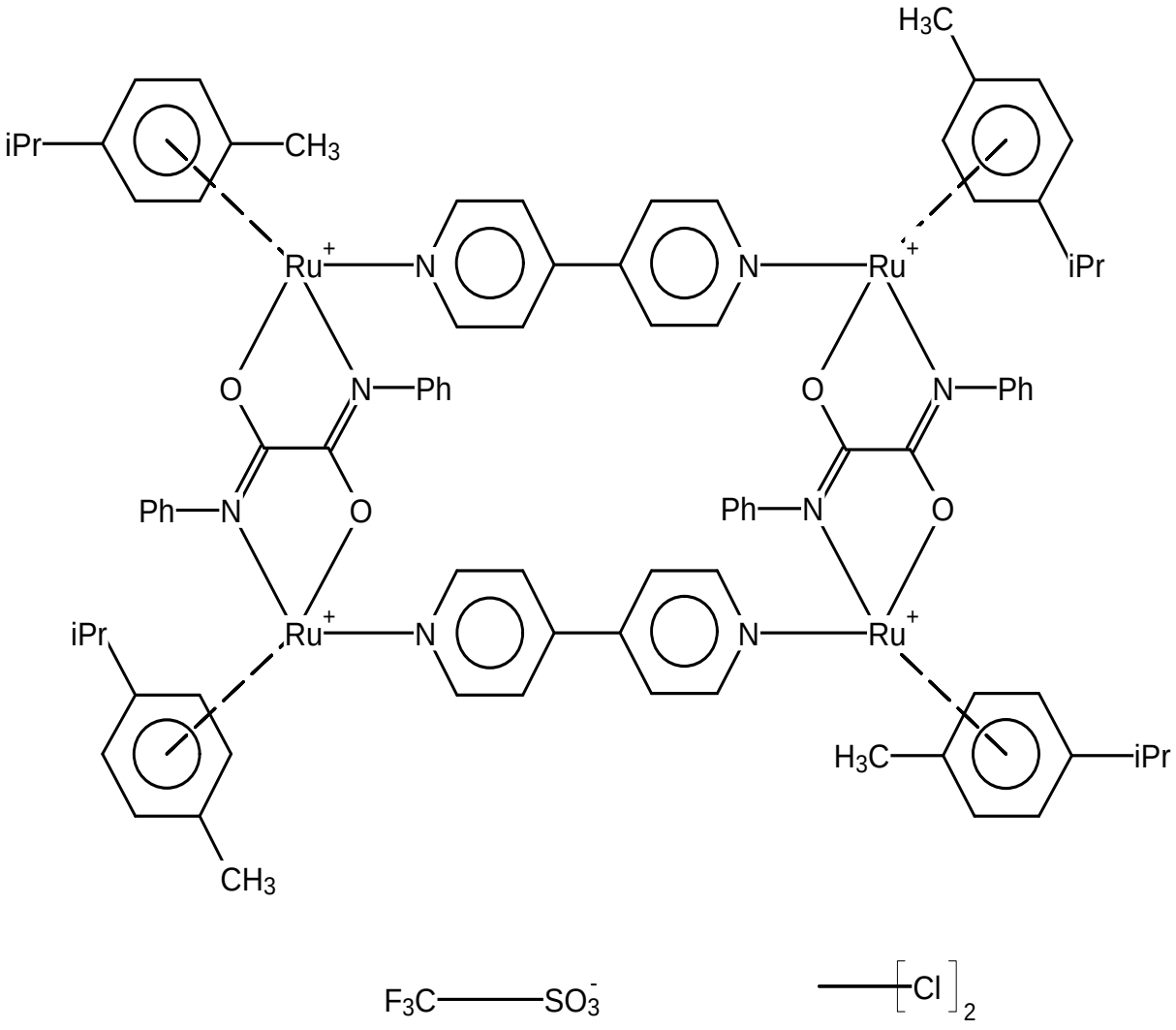
Reference: Wan-Zheng Zhang, Ying-Feng Han, Yue-Jian Lin, Guo-Xin Jin (2009) *Dalton Trans.* ,8426

Formula: $C_{88}\ H_{92}\ N_8\ O_4\ Ru_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),1.3($C_1\ H_2\ Cl_2$)

Compound Name: bis(μ_2-N,N'-diphenyloxamidato)-bis(μ_2-4,4'-bipyridine)-tetrakis(η^6-p-cymene)-tetra-ruthenium tetrakis(trifluoromethanesulfonate) dichloromethane solvate

Space Group:	C2/c	***Cell:***	***a***	25.896(13)	***b*** 20.555(10)	***c***	21.037(11)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.97(0)	γ	90.00

R-Factor (%): 6.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.477



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2749

WUHWAY

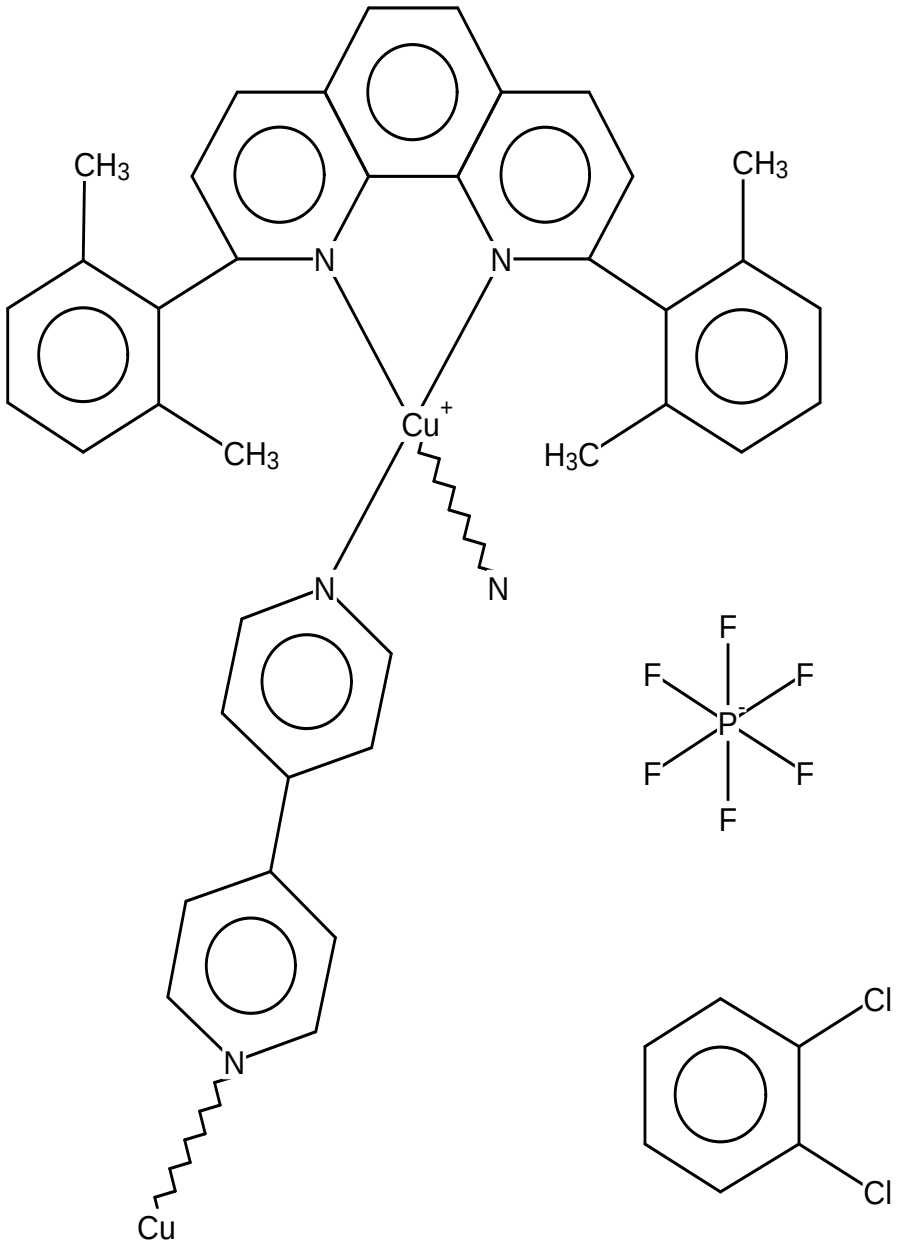
Reference: M.Schmittel, Bice He, Jian Fan, J.W.Bats, M.Engeser, M.Schlosser, H.-J.Deiseroth (2009) *Inorg.Chem. ,***48,**8192

Formula: $(C_{38}\ H_{32}\ Cu_1\ N_4\ ^{1+})n,n(C_6\ H_4\ Cl_2),n(F_6\ P_1\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-(2,9-bis(2,6-dimethylphenyl)-1,10-phenanthroline)-copper hexafluorophosphate 1,2-dichlorobenzene solvate)

Space Group:	I41/acd	***Cell:***	***a***	24.789(4)	***b***	24.789(4)	***c***	27.611(6)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.28 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.410



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2750

WUJBOT

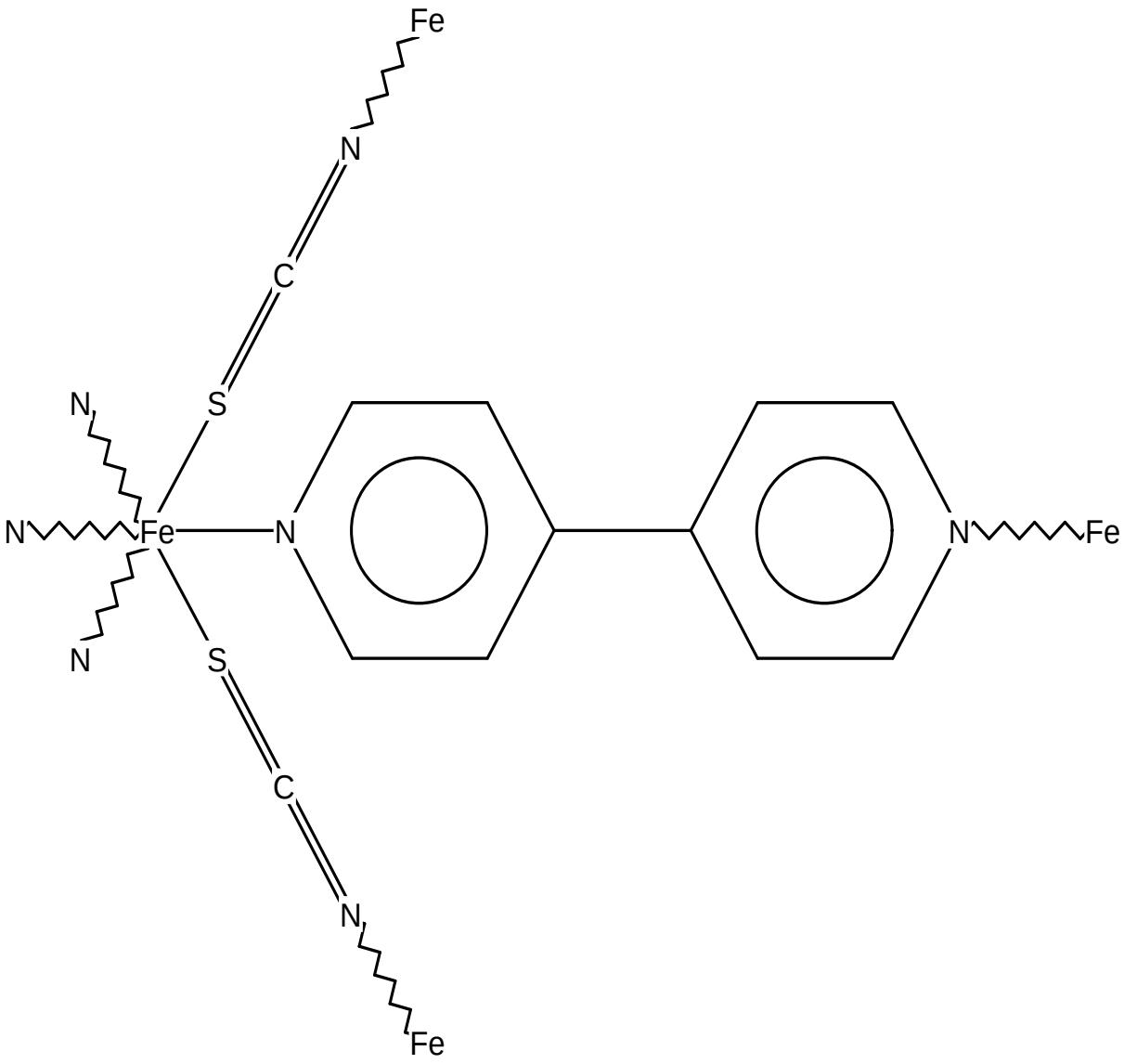
Reference: M.Wriedt, S.Sellmer, C.Nather (2009) *Dalton Trans.* ,7975

Formula: $(C_{12}\ H_8\ Fe_1\ N_4\ S_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-thiocyanato-N,S)-iron(ii))

Space Group:	C2/c	***Cell:***	***a***	11.174(1)	***b*** 11.561(1)	***c***	11.457(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.09(0)	γ	90.00

R-Factor (%): 3.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.590



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2751

WUJFIR

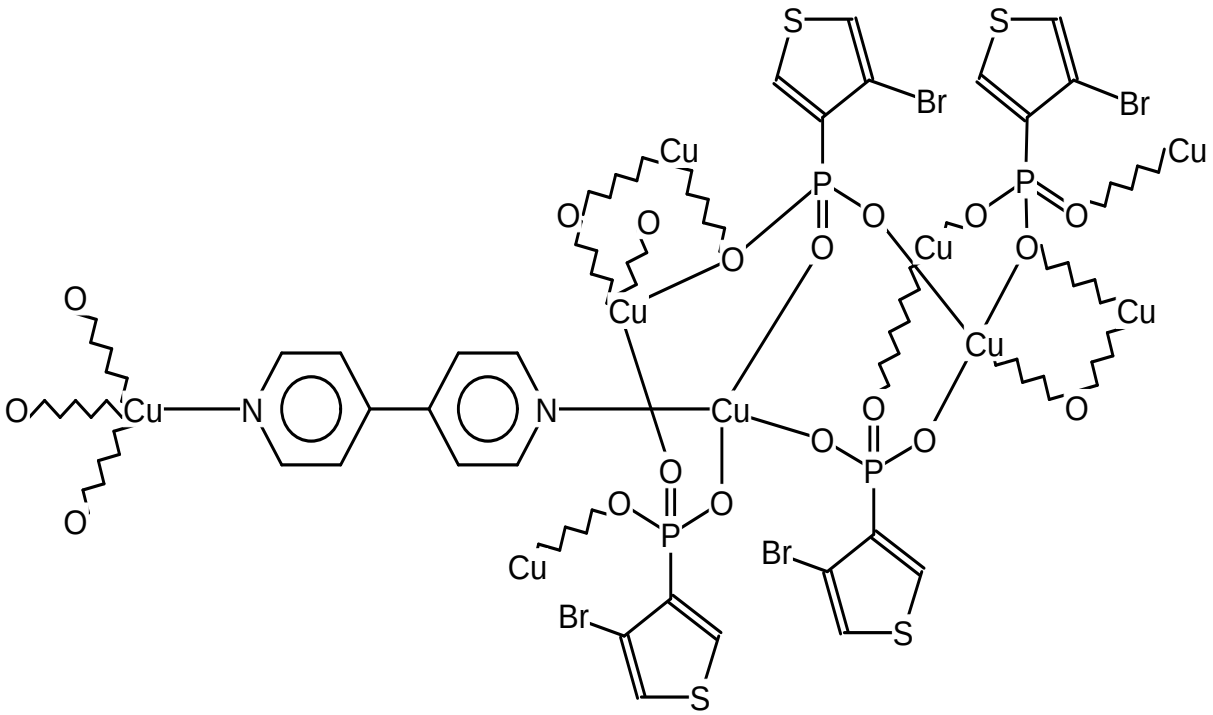
Reference: Li-Rong Guo, Feng Zhu, Yu Chen, Yi-Zhi Li, Li-Min Zheng (2009) *Dalton Trans.* ,8548

Formula: $(C_{26}\ H_{16}\ Br_4\ Cu_4\ N_2\ O_{12}\ P_4\ S_4)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-4-Bromo-3-thienylphosphonato-O,O,O',O'')-bis(μ_3-4-bromo-3-thienylphosphonato-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-tetra-copper(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	4.715(0)	***b***	14.432(3)	***c***	17.623(3)
Space Group No.:	2	***(Å,°)***	α	70.97(0)	β	88.64(0)	γ	85.61(0)

R-Factor (%): 5.14 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 2.072



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2752

WUJNIZ

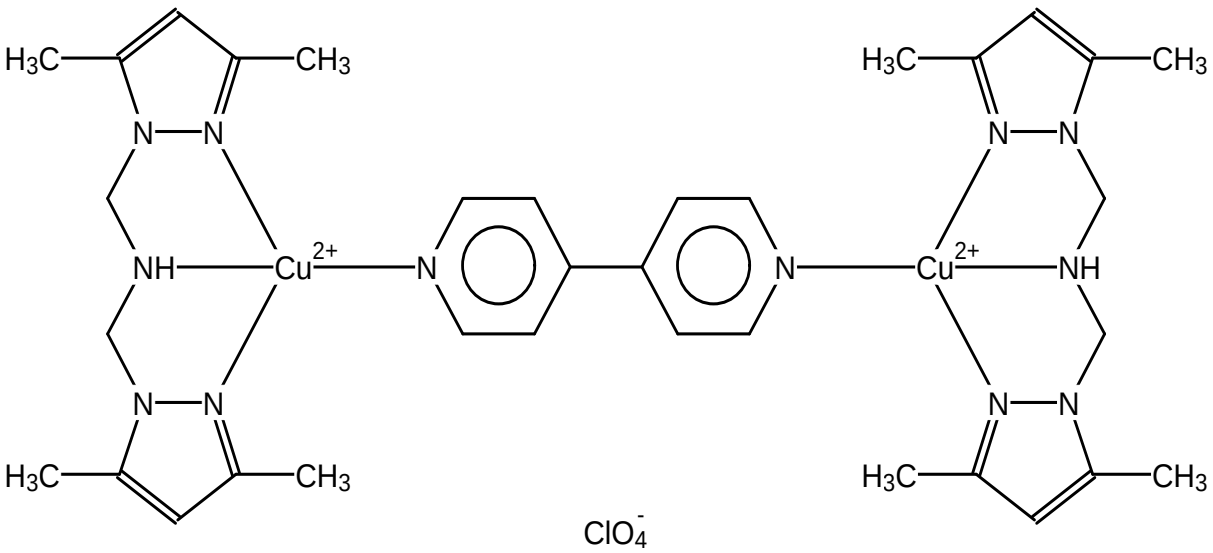
Reference: Hong Yang, Yu Tang, Zhen-Feng Shang, Xin-Li Han, Zhi-Hui Zhang (2009) *Polyhedron ,***28,**3491

Formula: $C_{34}\ H_{46}\ Cu_2\ N_{12}\ ^{4+}$,4($Cl_1\ O_4\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis(3,5-dimethyl-1H-pyrazol-1-ylmethyl)amine)-di-copper(ii) tetraperchlorate

Space Group:	Pna21	***Cell:***	***a***	16.684(4)	***b***	8.326(2)	***c*** 33.588(9)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.634



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2753

WUJZAD

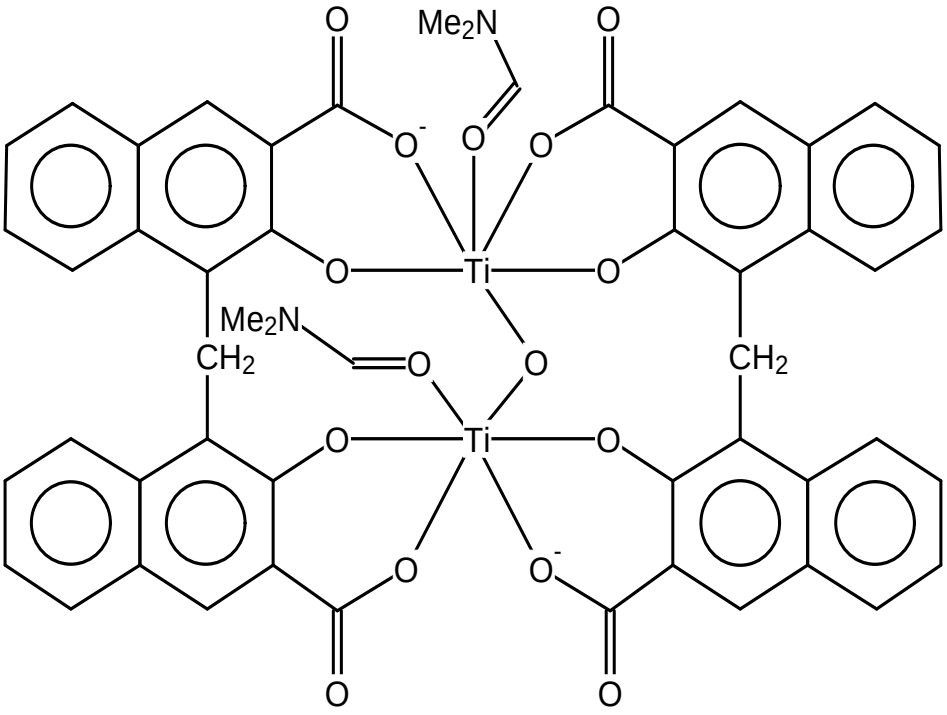
Reference: G.S.Baghel, C.P.Rao (2009) *Polyhedron* ,**28,**3507

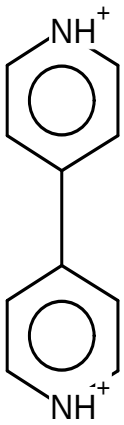
Formula: $C_{52}\ H_{38}\ N_2\ O_{15}\ Ti_2\ ^{2-}$,4($C_3\ H_7\ N_1\ O_1$),$C_{10}\ H_{10}\ N_2\ ^{2+}$,$H_2\ O_1$

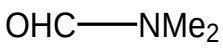
Compound Name: 4,4'-Bipyridinium bis(4,4'-methylenebis(3-oxy-2-naphthoato))-(μ_2-oxo)-bis(dimethylformamide)-di-titanium(iv) dimethylformamide solvate monohydrate

Space Group:	P-1	***Cell:***	***a*** 15.489(0)	***b*** 16.552(0)	***c*** 16.888(0)
Space Group No.:	2	***(Å,°)***	α 103.30(0)	β 105.69(0)	γ 116.44(0)

R-Factor (%):	5.32	***Temperature(K):***	150	***Density(g/cm^3):***	1.456







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2754

WULWIK

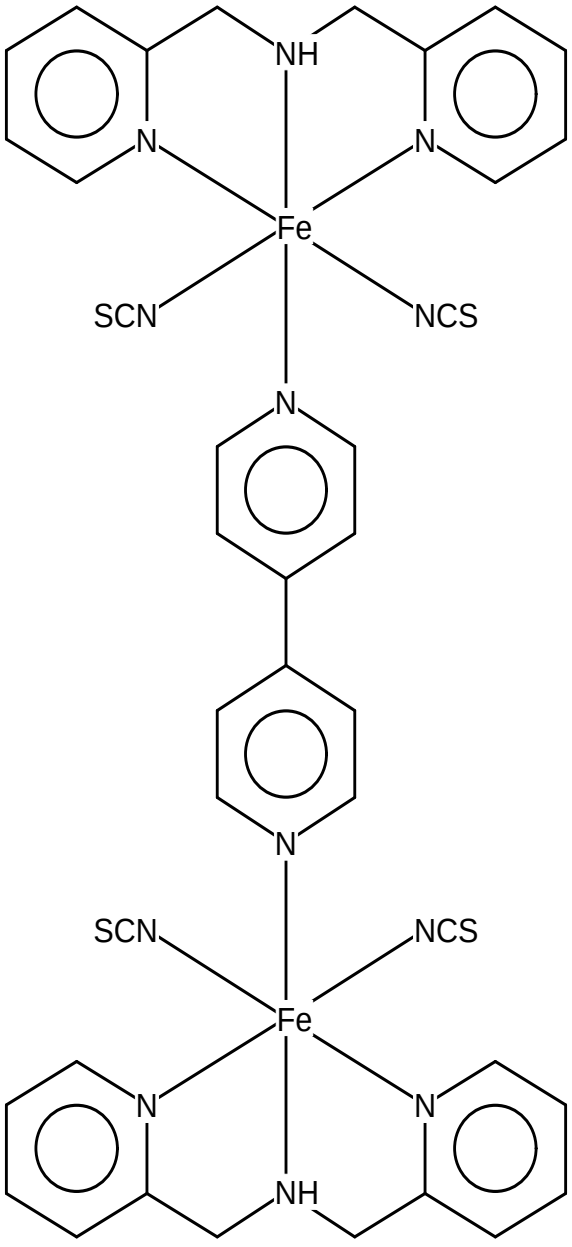
Reference: A.Yu.Verat, N.Ould-Moussa, E.Jeanneau, B.Le Guennic, A.Bousseksou, S.A.Borshch, G.S.Matouzenko (2009) *Chem.-Eur.J. ,* **15,**10070

Formula: $C_{38}\ H_{34}\ Fe_2\ N_{12}\ S_4$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis((pyridin-2-yl)methyl)amine)-tetrakis(isothiocyanato)-di-iron

Space Group:	P21/n	***Cell:***	***a***	10.574(0)	***b***	12.667(0)	***c*** 15.300(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.38(0)	γ 90.00

R-Factor (%): 3.13 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.458



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2755

WULWIK01

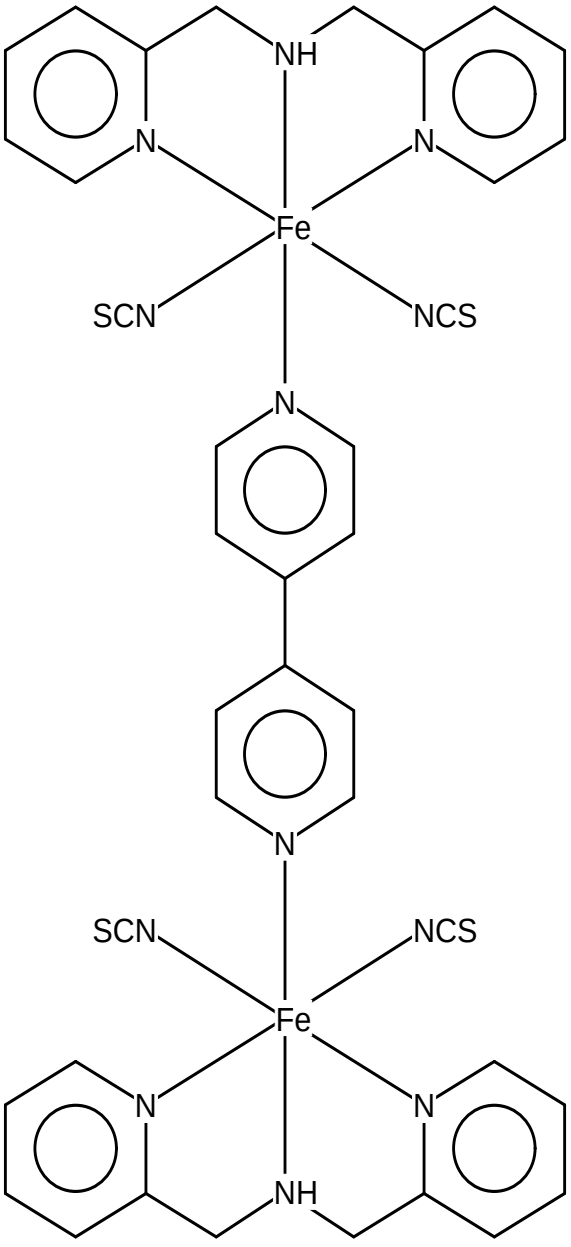
Reference: A.Yu.Verat, N.Ould-Moussa, E.Jeanneau, B.Le Guennic, A.Bousseksou, S.A.Borshch, G.S.Matouzenko (2009) *Chem.-Eur.J. ,* **15,**10070

Formula: $C_{38}\ H_{34}\ Fe_2\ N_{12}\ S_4$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis((pyridin-2-yl)methyl)amine)-tetrakis(isothiocyanato)-di-iron

Space Group:	P21/n	***Cell:***	***a***	10.563(5)	***b***	12.400(5)	***c***	15.213(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.37(0)	γ	90.00

R-Factor (%): 3.22 ***Temperature(K):*** 208 ***Density(g/cm^3):*** 1.499



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2756

WULWIK02

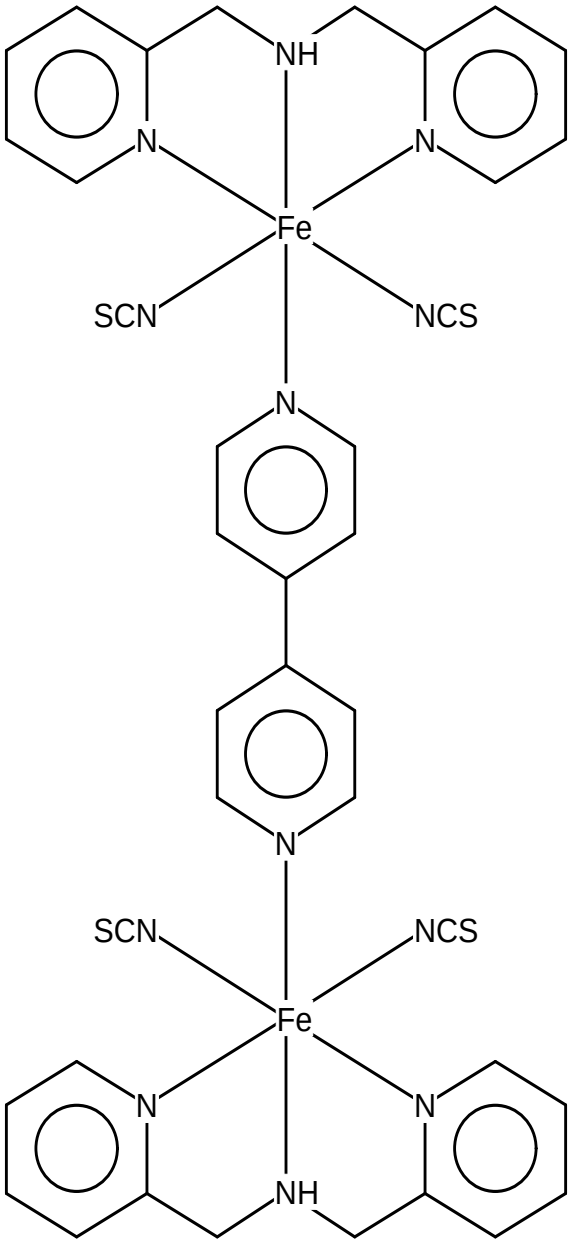
Reference: A.Yu.Verat, N.Ould-Moussa, E.Jeanneau, B.Le Guennic, A.Bousseksou, S.A.Borshch, G.S.Matouzenko (2009) *Chem.-Eur.J. ,* **15,**10070

Formula: $C_{38}\ H_{34}\ Fe_2\ N_{12}\ S_4$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(bis((pyridin-2-yl)methyl)amine)-tetrakis(isothiocyanato)-di-iron

Space Group:	P21/n	***Cell:***	***a***	10.435(0)	***b***	12.199(0)	***c***	15.000(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.93(0)	γ	90.00

R-Factor (%): 2.86 ***Temperature(K):*** 120 ***Density(g/cm^3):*** 1.565



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2757

WUPZEM

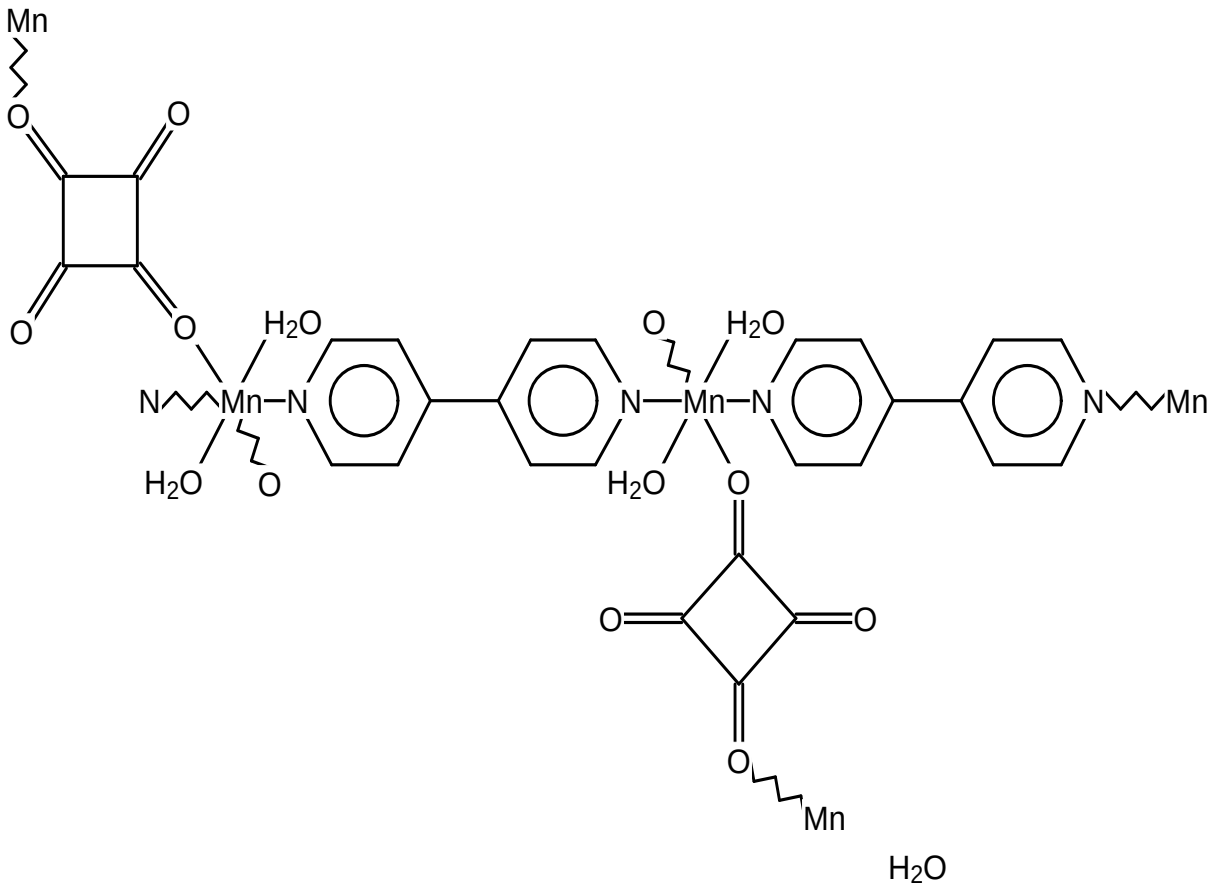
Reference: C.Nather, J.Greve, I.Jess (2002) *Chem.Mater.* ,**14,**4536

Formula: $(C_{28}\ H_{24}\ Mn_2\ N_4\ O_{12})n,6n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-squarato-O,O')-tetra-aqua-di-manganese(ii) hexahydrate]

Space Group:	P21/c	***Cell:***	***a***	18.716(1)	***b***	11.544(0)	***c***	8.174(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.54(0)	γ	90.00

R-Factor (%): 3.42 ***Temperature(K):*** 130 ***Density(g/cm^3):*** 1.554



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2758

WURGEV

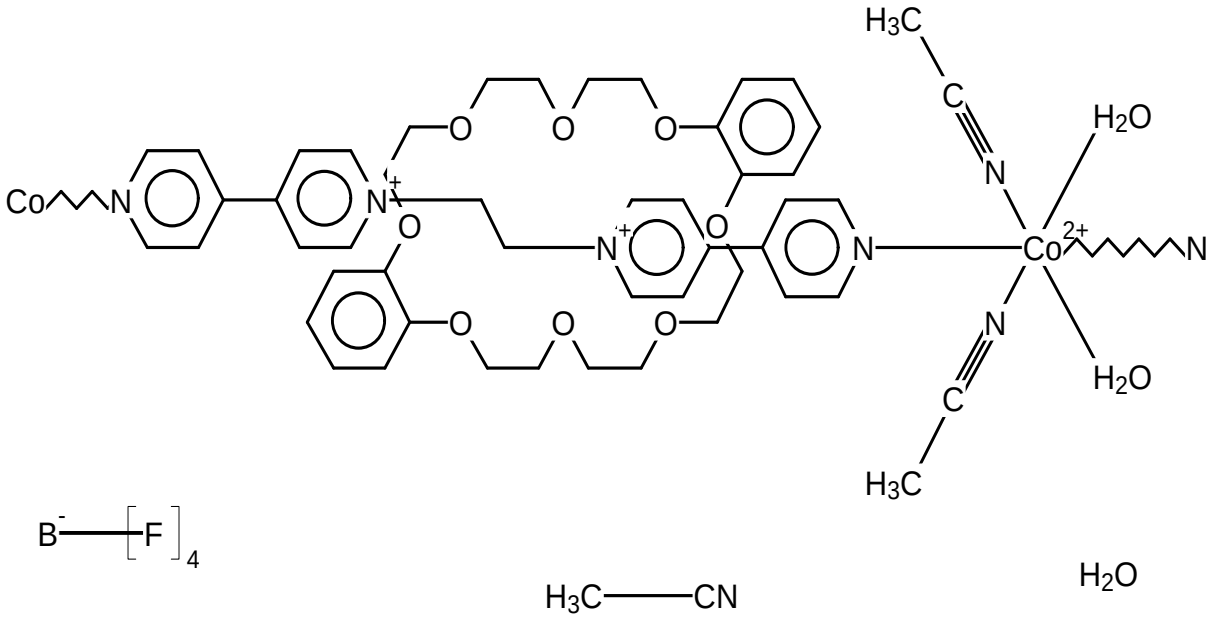
Reference: G.J.E.Davidson, S.J.Loeb (2003) *Angew.Chem.,Int.Ed.* , **42,**74

Formula: $(C_{24}\ H_{32}\ O_8)n,n(C_{26}\ H_{30}\ Co_1\ N_6\ O_2\ ^{4+}),4n(B_1\ F_4\ ^{1-}),2n(C_2\ H_3\ N_1),2n(H_2\ O_1)$

Compound Name: catena-(([2]-[Dibenzo-24-crown-8]-[μ_2-1,2-bis(4-(4'-pyridyl)pyridinio) ethane]-pseudorotaxane)-bis(acetonitrile)-diaqua-cobalt(ii) tetrakis(tetrafluoroborate) acetonitrile solvate dihydrate)

Space Group:	P21/c	***Cell:***	***a***	14.278(0)	***b*** 11.812(0)	***c***	20.636(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.08(0)	γ	90.00

R-Factor (%): 7.44 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.408



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2759

WURGIZ

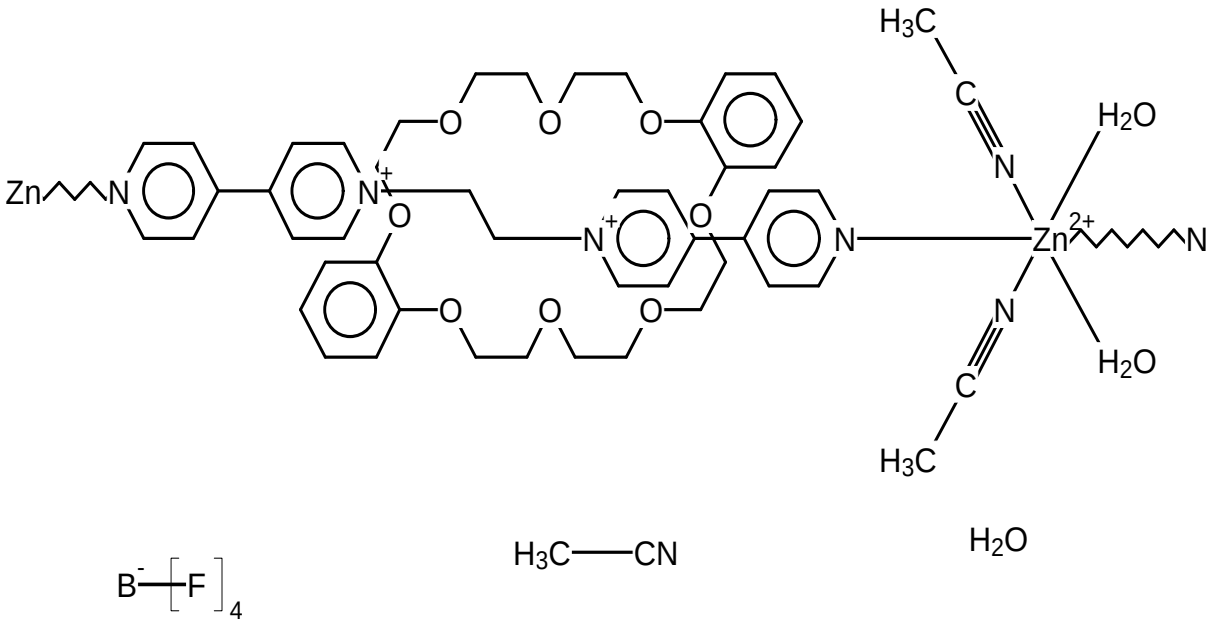
Reference: G.J.E.Davidson, S.J.Loeb (2003) *Angew.Chem.,Int.Ed.* , **42,**74

Formula: $(C_{24}\ H_{32}\ O_8)n,n(C_{26}\ H_{30}\ N_6\ O_2\ Zn_1\ ^{4+}),4n(B_1\ F_4\ ^{1-}),2n(C_2\ H_3\ N_1),2n(H_2\ O_1)$

Compound Name: catena-(([2]-[Dibenzo-24-crown-8]-[μ_2-1,2-bis(4-(4'-pyridyl)pyridinio) ethane]-pseudorotaxane)-bis(acetonitrile)-diaqua-zinc(ii) tetrakis(tetrafluoroborate) acetonitrile solvate dihydrate)

Space Group:	P21/c	***Cell:***	***a***	14.278(0)	***b*** 11.812(0)	***c***	20.636(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.08(0)	γ	90.00

R-Factor (%): 16.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.415



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2760

WURGOF

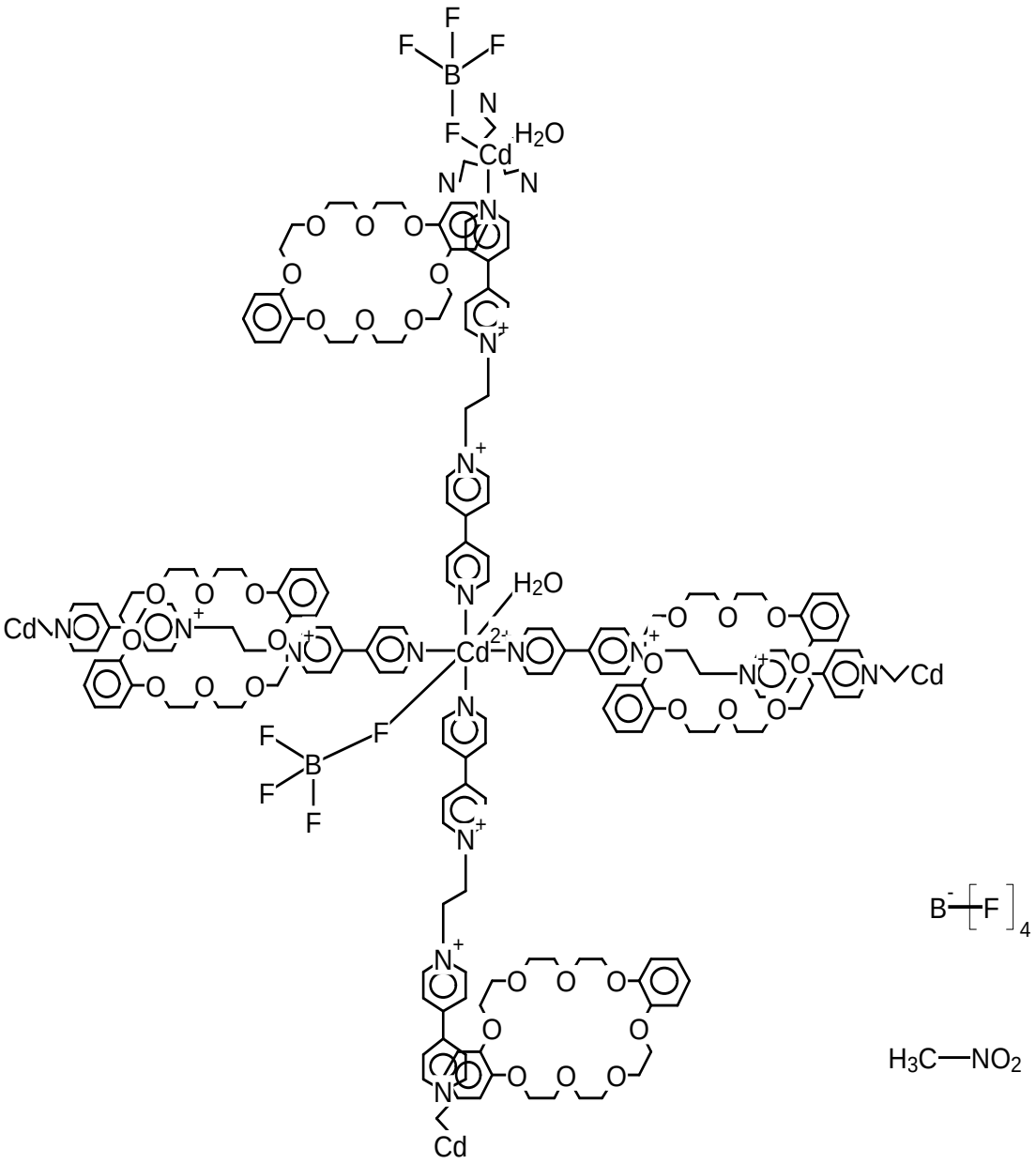
Reference: G.J.E.Davidson, S.J.Loeb (2003) *Angew.Chem.,Int.Ed.* , **42,**74

Formula: $(C_{88}\ H_{84}\ B_2\ Cd_2\ F_8\ N_{16}\ O_2\ ^{10+})n,n(C_{24}\ H_{32}\ O_8),n(C_{24}\ H_{32}\ O_8),n(C_{24}\ H_{32}\ O_8),n(C_{24}\ H$

Compound Name: catena-(([5]-[tetrakis(Dibenzo-24-crown-8)]-[tetrakis(μ_2-1,2-bis(4-(4'-pyridyl)pyridinio)ethane)]-pseudorotaxane)-diaqua-bis(tetrafluoroborato-F)-di-cadmium(ii) decakis(tetrafluoroborate) nitromethane solvate)

Space Group:	P-1	***Cell:***	***a***	17.331(1)	***b***	20.345(2)	***c***	22.006(2)
Space Group No.:	2	***(Å,°)***	α	83.69(0)	β	80.08(0)	γ	72.31(0)

R-Factor (%): 10.75 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.437



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2761

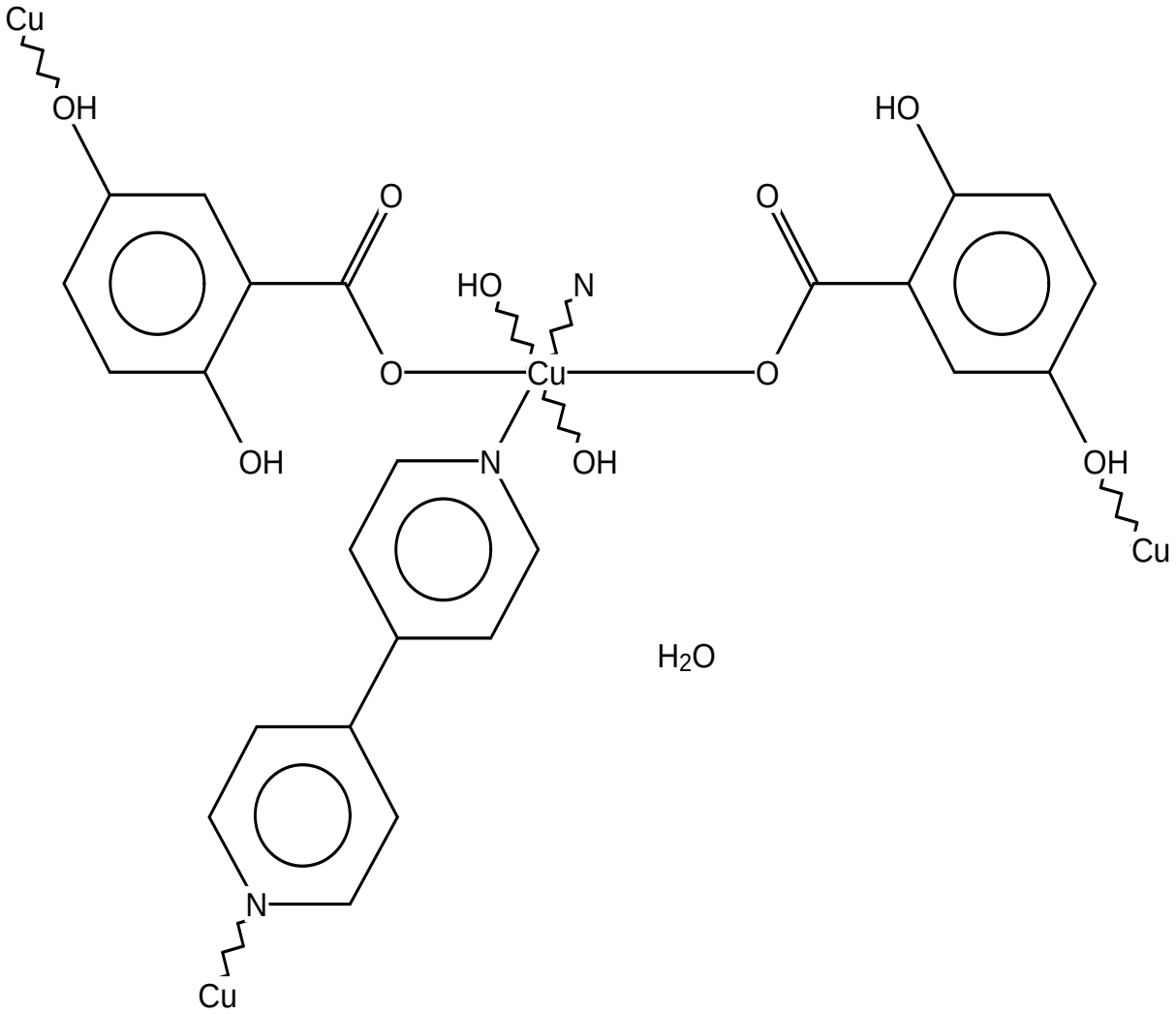
WUSXIR

Reference: R.Kitaura, K.Seki, G.Akiyama, S.Kitagawa (2003) *Angew.Chem.,Int.Ed. ,***42,**428

Formula: $(C_{24}\ H_{18}\ Cu_1\ N_2\ O_8)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridyl)-bis(μ_2-2,5-dihydroxybenzoato)-copper(ii) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	8.167(4)	***b***	11.094(8)	***c***	15.863(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β	99.70(0)	γ	90.00
R-Factor (%):	6.82	***Temperature(K):***	298		***Density(g/cm^3):***	1.317		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2762

WUTCET

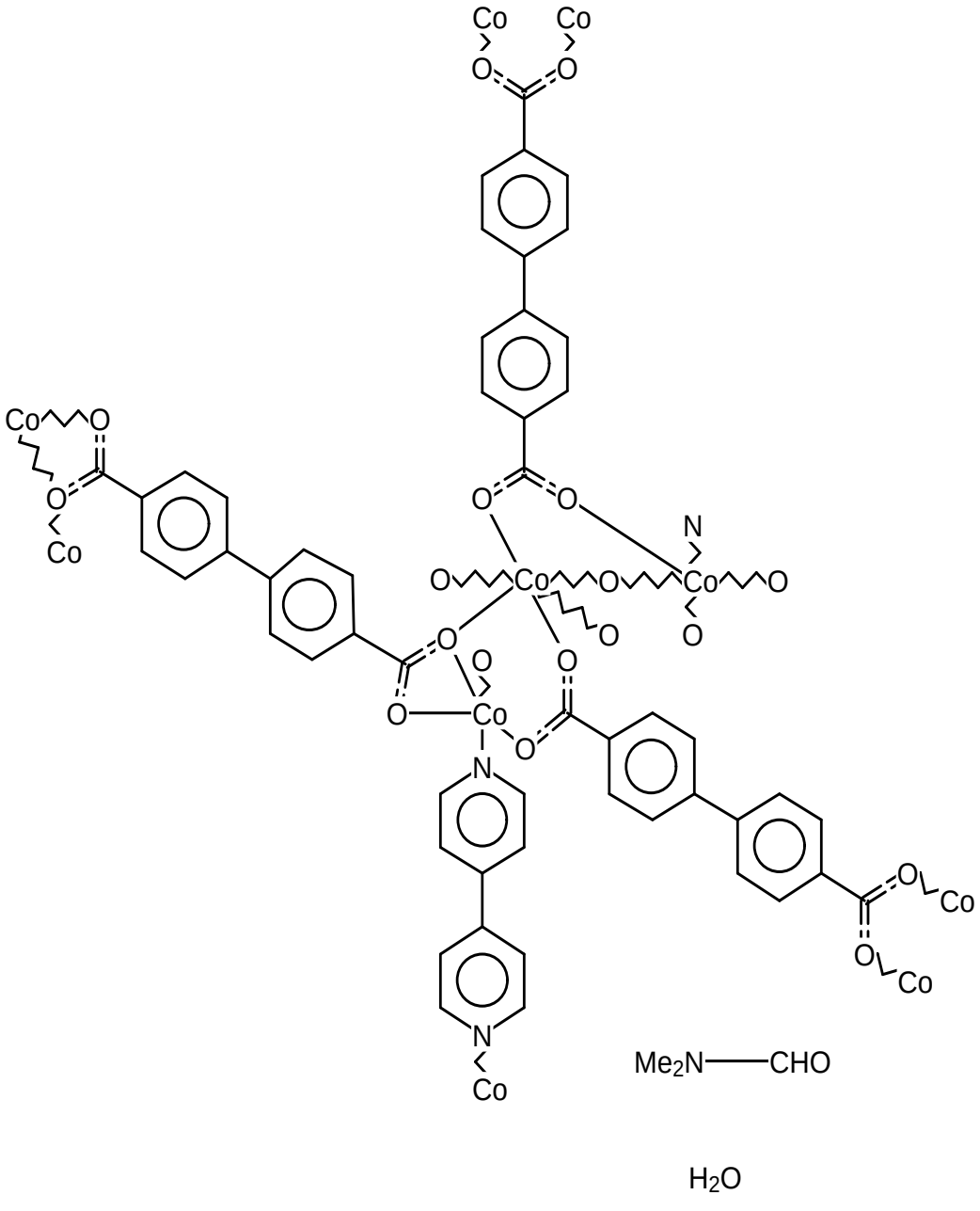
Reference: Long Pan, Haiming Liu, Xuegong Lei, Xiaoying Huang, D.H.Olson, N.J.Turro, Jing Li (2003) *Angew.Chem.,Int.Ed.* ,**42,**542

Formula: $(C_{52}\ H_{32}\ Co_3\ N_2\ O_{12})n,4n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-(tris(μ_4-1,1'-biphenyl-4,4'-dicarboxylato)-(μ_2-4,4'-bipyridyl)-tri-cobalt dimethylformamide monohydrate clathrate)

Space Group:	Pbcn	***Cell:***	***a***	14.195(3)	***b***	25.645(5)	***c***	18.210(4)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.367



Search: search1 (Thu May 26 10:05:42 2011): Hit 2763

WUTTAG

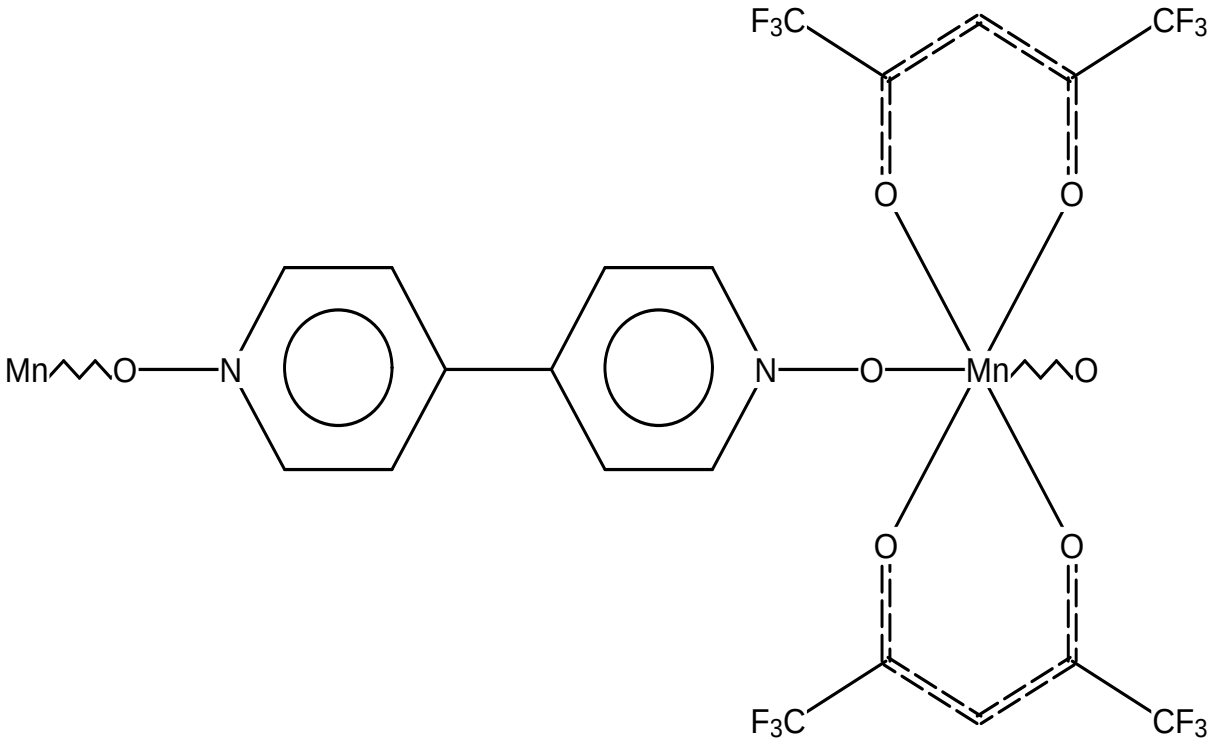
Reference: S.R.Seidel, F.M.Tabellion, A.M.Arif, P.J.Stang (2001) *Isr.J.Chem. ,***41,**149

Formula: $(C_{20}\ H_{10}\ F_{12}\ Mn_1\ N_2\ O_6)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl N,N'-dioxide)-bis(hexafluoroacetylacetonato)-manganese(ii)]

Space Group:	P21/n	***Cell:***	***a***	10.845(0)	***b***	12.510(0)	***c***	17.691(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.19(0)	γ	90.00

R-Factor (%): 5.61 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.842



Search: search1 (Thu May 26 10:05:42 2011): Hit 2764

WUTTEK

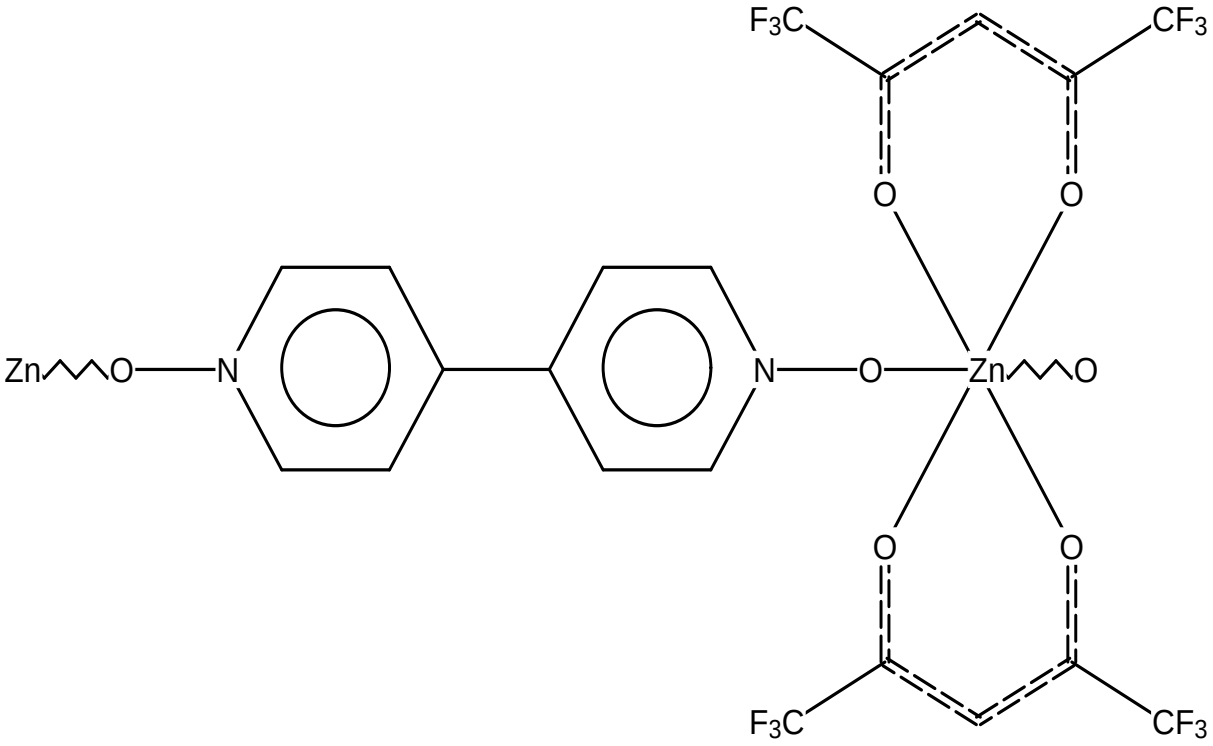
Reference: S.R.Seidel, F.M.Tabellion, A.M.Arif, P.J.Stang (2001) *Isr.J.Chem. ,***41,**149

Formula: $(C_{20}\ H_{10}\ F_{12}\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl N,N'-dioxide)-bis(hexafluoroacetylacetonato)-zinc(ii)]

Space Group:	P21/n	***Cell:***	***a***	10.949(0)	***b*** 12.401(0)	***c***	17.424(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.39(0)	γ	90.00

R-Factor (%): 4.75 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.906



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2765

WUVBUK

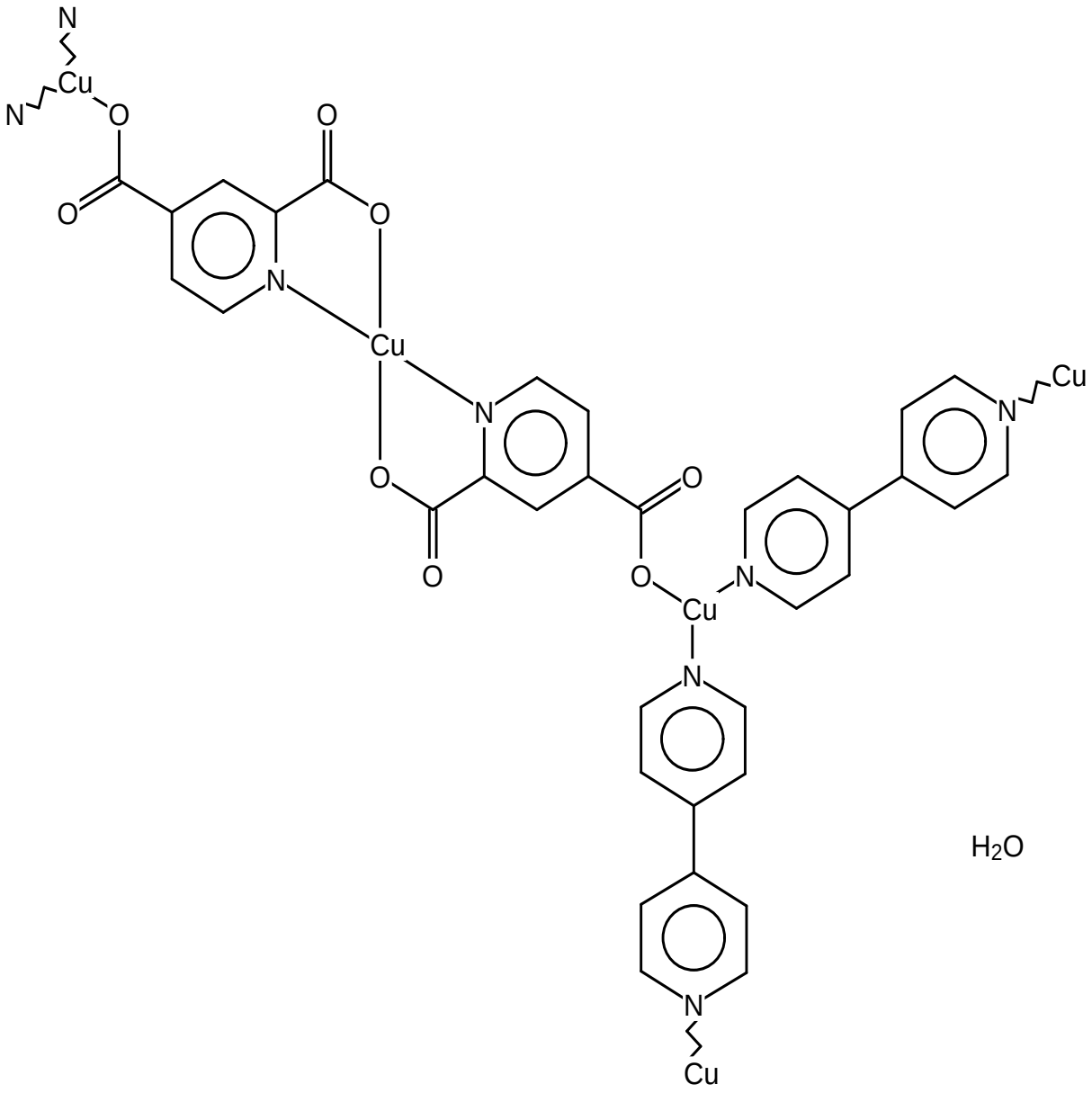
Reference: Xian-Ming Zhang, Xiao-Ming Chen (2003)
Eur.J.Inorg.Chem. ,413

Formula: $(C_{34}\ H_{22}\ Cu_3\ N_6\ O_8)n,4n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridyl)-(μ$_2$-pyridine-2,4-dicarboxylato-N,O,O'))-tri-copper(i,ii) tetrahydrate)

Space Group:	C2/c	***Cell:***	***a***	8.058(5)	***b***	24.640(15)	***c***	19.203(14)
Space Group No.:	15	***(Å,°)***	α	90.00	β	95.75(2)	γ	90.00

R-Factor (%): 6.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.585



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2766

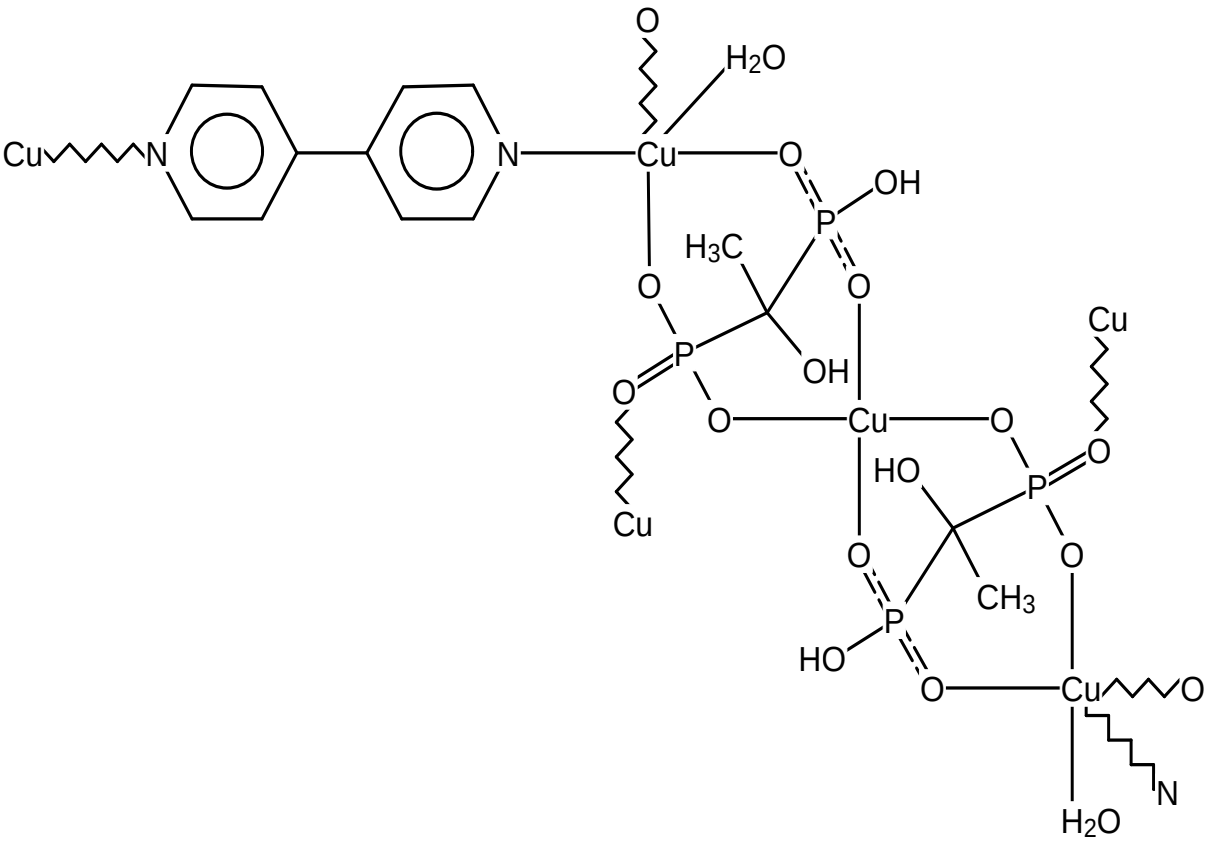
WUVGOJ

Reference: Ping Yin, Yang Peng, Li-Min Zheng, Song Gao, Xin-Quan Xin (2003) *Eur.J.Inorg.Chem.* ,726

Formula: $(C_{14}\ H_{22}\ Cu_3\ N_2\ O_{16}\ P_4)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-1-Hydroxyethylidenediphosphonato)-(μ_2-4,4'-bipyridyl)-diaqua-tri-copper(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	6.225(1)	***b***	7.009(1)	***c*** 15.469(3)
Space Group No.:	2	***(Å,°)***	α	90.73(3)	β	97.41(3)	γ 98.39(3)
R-Factor (%):	3.31	***Temperature(K):***	293	***Density(g/cm^3):***	2.070		



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2767

WUXMOR

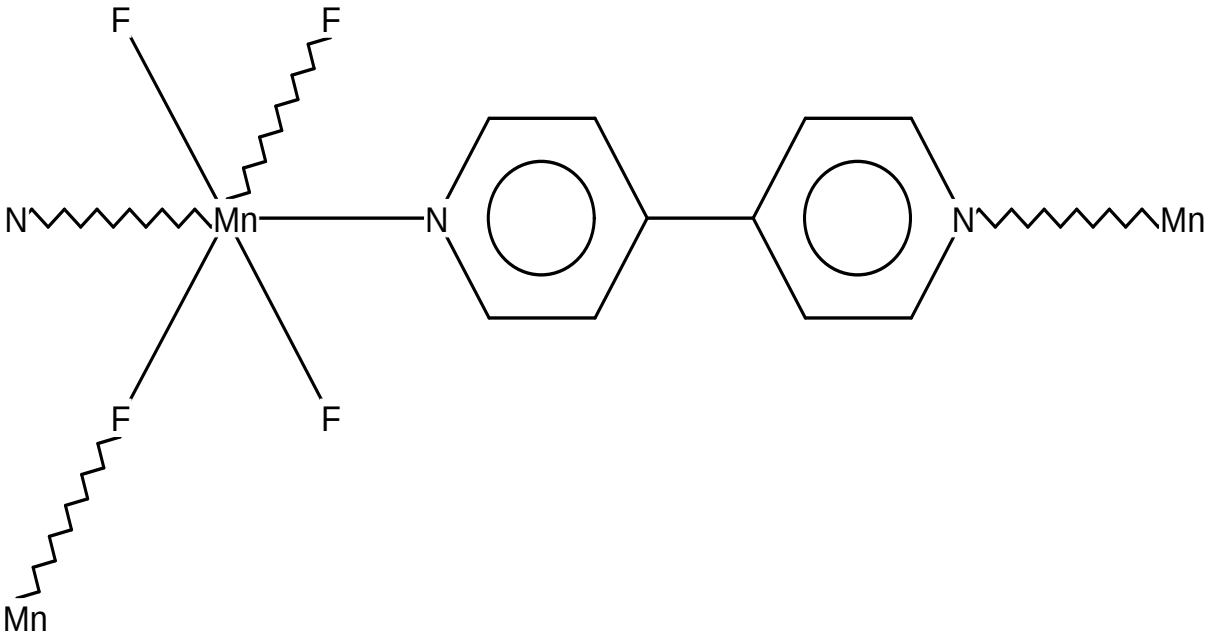
Reference: J.Darriet, W.Massa, J.Pebler, R.Stief (2002)
Solid State Sciences ,**4,**1499

Formula: $(C_{10}\ H_8\ F_3\ Mn_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-fluoro)-difluoro-manganese(iii))

Space Group:	I222	***Cell:***	***a***	10.704(1)	***b***	11.384(1)	***c***	3.941(0)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.44 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.854



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2768

WUXMOR01

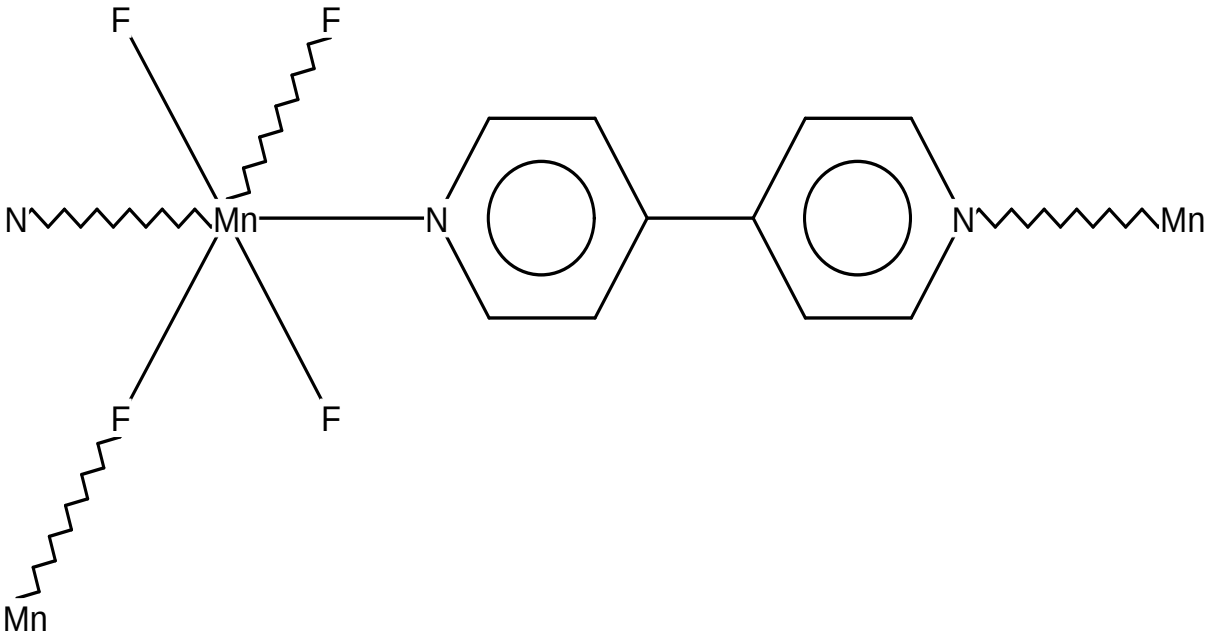
Reference: J.Darriet, W.Massa, J.Pebler, R.Stief (2002)
Solid State Sciences ,**4,**1499

Formula: $(C_{10}\ H_8\ F_3\ Mn_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-fluoro)-difluoro-manganese(iii))

Space Group:	I222	***Cell:***	***a***	10.689(1)	***b***	11.417(1)	***c***	3.936(0)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.35 ***Temperature(K):*** 240 ***Density(g/cm^3):*** 1.854



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2769

WUXMOR02

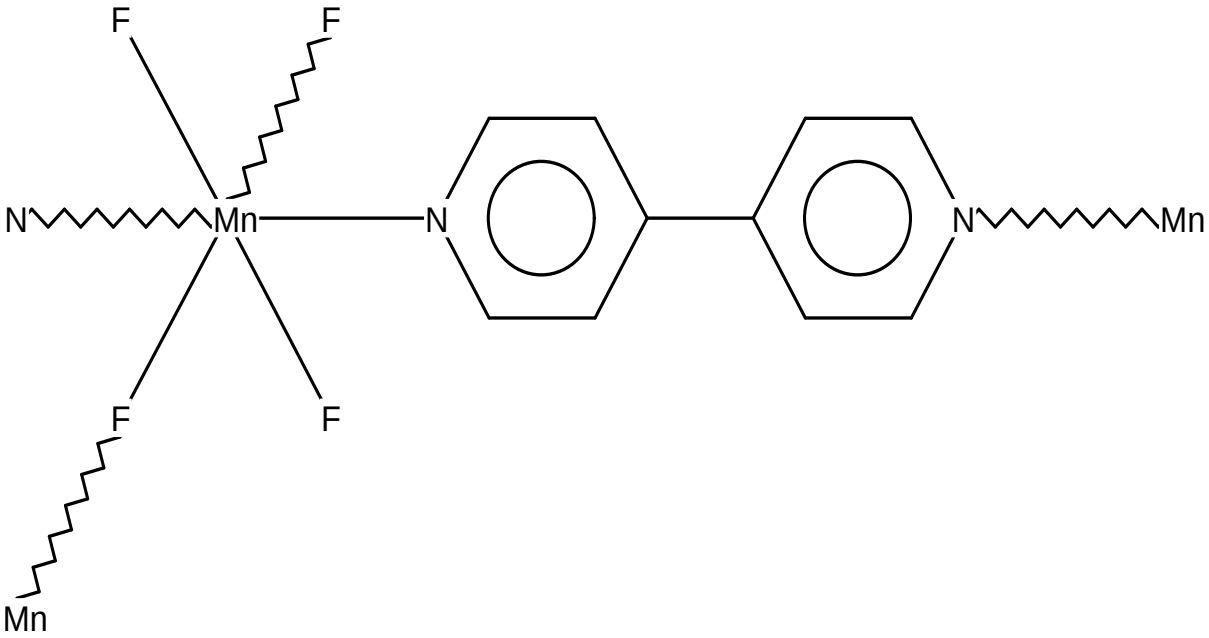
Reference: J.Darriet, W.Massa, J.Pebler, R.Stief (2002)
Solid State Sciences ,**4,**1499

Formula: $(C_{10}\ H_8\ F_3\ Mn_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-fluoro)-difluoro-manganese(iii))

Space Group:	I222	***Cell:***	***a***	10.646(1)	***b***	11.374(1)	***c***	3.923(0)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.81 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.875



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2770

WUXMOR03

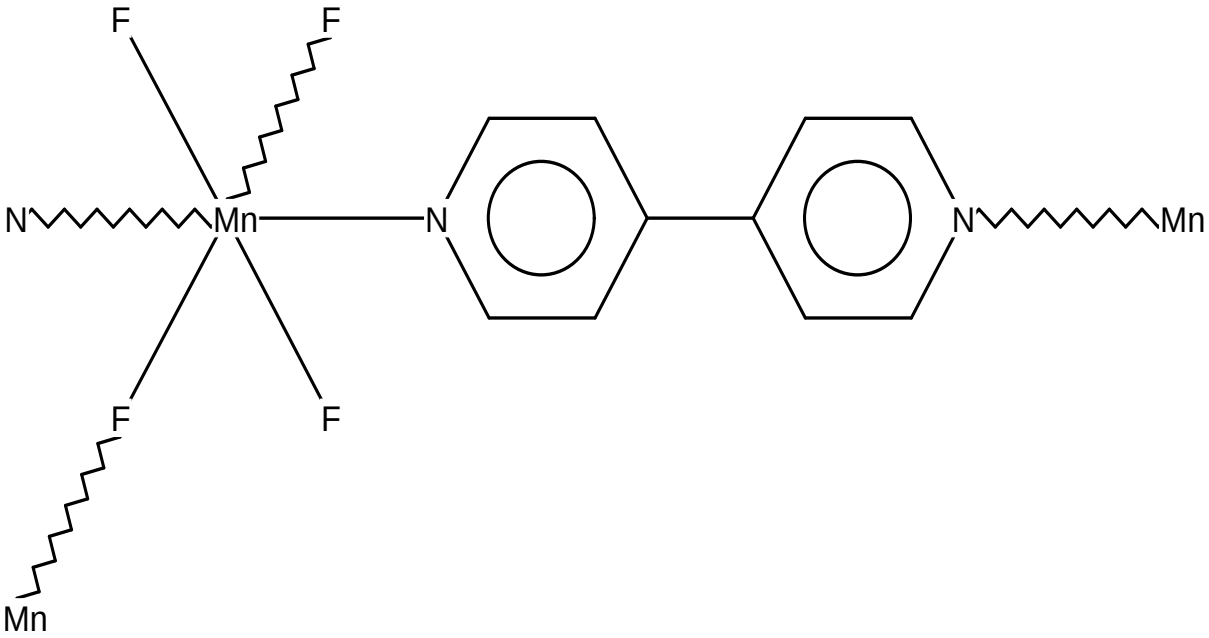
Reference: J.Darriet, W.Massa, J.Pebler, R.Stief (2002)
Solid State Sciences ,**4,**1499

Formula: $(C_{10}\ H_8\ F_3\ Mn_1\ N_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-fluoro)-difluoro-manganese(iii))

Space Group:	P212121	***Cell:***	***a***	10.623(1)	***b***	11.370(1)	***c***	7.818(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.96 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.886



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2771

XABSOJ

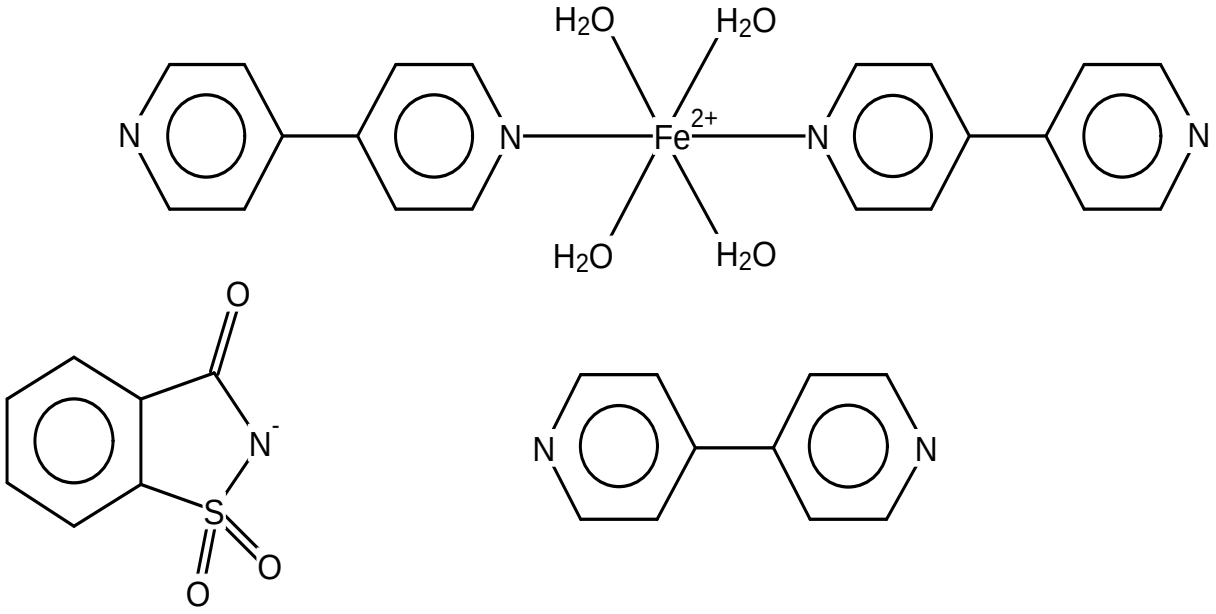
Reference: P.A.M.Williams, E.G.Ferrer, E.J.Baran, O.E.Piro, J.A.Ellena, E.E.Castellano (2002) *An.Asoc.Quim.Argent.* ,**90,**109

Formula: $C_{20}\ H_{24}\ Fe_1\ N_4\ O_4\ ^{2+}$,2($C_7\ H_4\ N_1\ O_3\ S_1\ ^{1-}$),2($C_{10}\ H_8\ N_2$)

Compound Name: tetraqua-bis(4,4'-bipyridine)-iron(ii) disaccharinate bis(4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	12.610(0)	***b*** 14.862(0)	***c***	15.179(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 114.42(0)	γ	90.00

R-Factor (%): 4.48 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.432



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2772

XAGVIL

Reference: Bin Wu, Wei-Min Lu, Fang-Fang Wu, Xiao-Ming Zheng (2004) *J.Coord.Chem.* ,**57,**805

Formula: $C_{100}\,H_{124}\,Gd_4\,N_4\,O_{44}\,Zn_4$

Compound Name: tetradecakis(μ_2-α-methylacrylato)-bis(μ_2-4,4'-bipyridyl)-hexakis(α-methylacrylato)-tetraaqua-tetra-gadolinium(iii)-tetra-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	13.450(0)	***b***	14.970(0)	***c***	16.437(0)
Space Group No.:	2	***(Å,°)***	α	64.21(0)	β	89.73(0)	γ	86.24(0)

R-Factor (%): 3.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.663

$$Zn_4Gd_4[\mu_2\text{-}C_3H_2O_2Me\text{-}\kappa^2O,O']_{14}\text{--}\text{--}[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_2\text{--}\text{--}[C_3H_2O_2Me\text{-}\kappa^2O,O']_6[H_2O]_4$$

Search: search1 (Thu May 26 10:05:42 2011): Hit 2773

XAKGAS

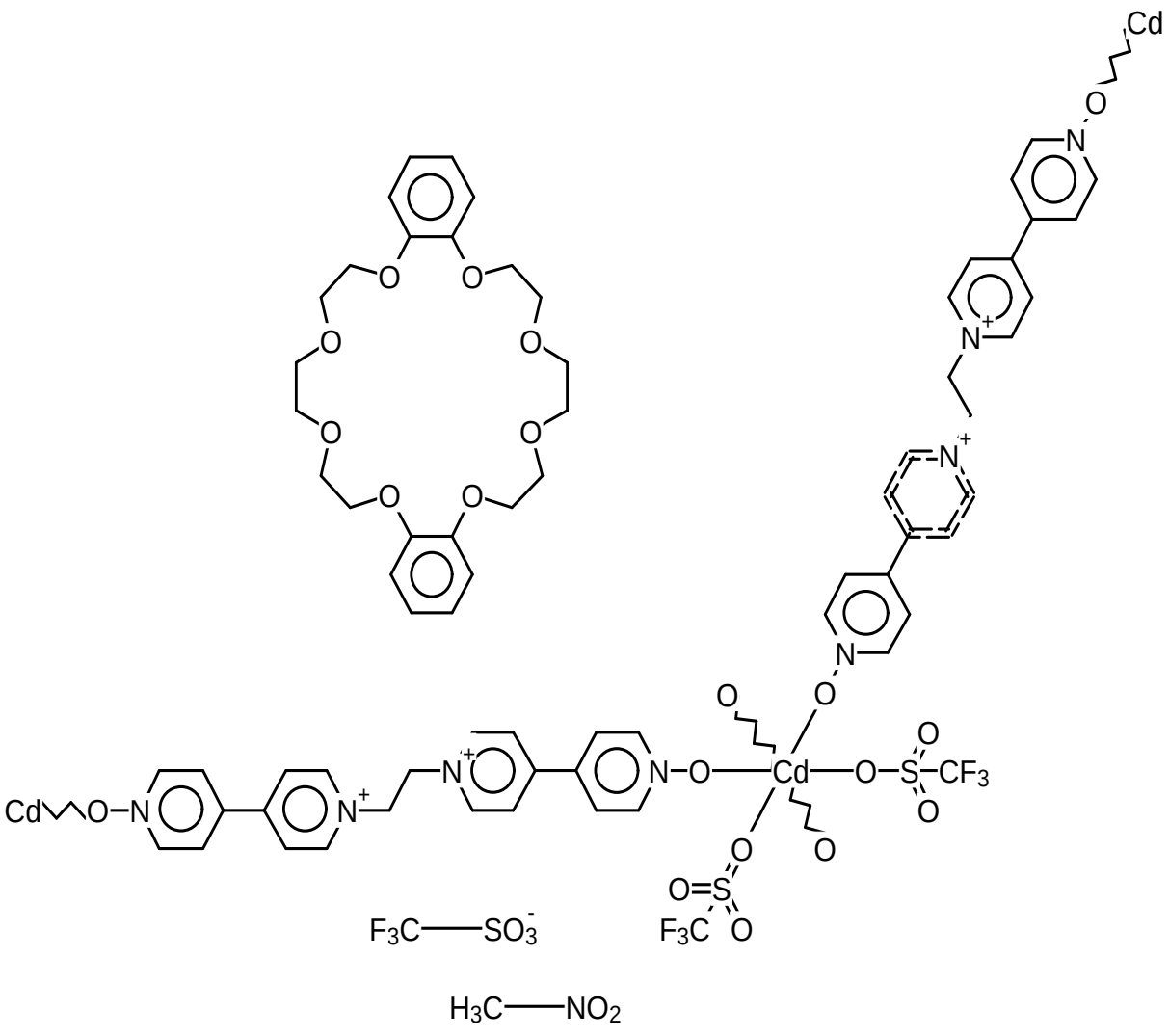
Reference: S.J.Loeb (2005) *Chem.Commun.* ,1511

Formula: $(C_{46}\ H_{40}\ Cd_1\ F_6\ N_8\ O_{10}\ S_2\ ^{4+})n,n(C_{24}\ H_{32}\ O_8),4n(C_1\ F_3\ O_3\ S_1\ ^{1-}),4n(C_1\ H_3\ N_1\ O_2)$

Compound Name: catena-((2)-(bis(μ_2-1,2-bis(4,4'-bipyridinium-1-oxide)ethane-O,O')-bis(trifluoromethanesulfonato)-cadmium(ii))-(dibenzo-24-crown-8)-rotaxane tetrakis(trifluoromethanesulfonate) nitromethane solvate)

Space Group:	P-1	***Cell:***	***a***	11.579(1)	***b***	12.459(1)	***c***	19.000(1)
Space Group No.:	2	***(Å,°)***	α	88.38(0)	β	84.94(0)	γ	65.79(0)

R-Factor (%): 10.17 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.630



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2774

XAKGAS01

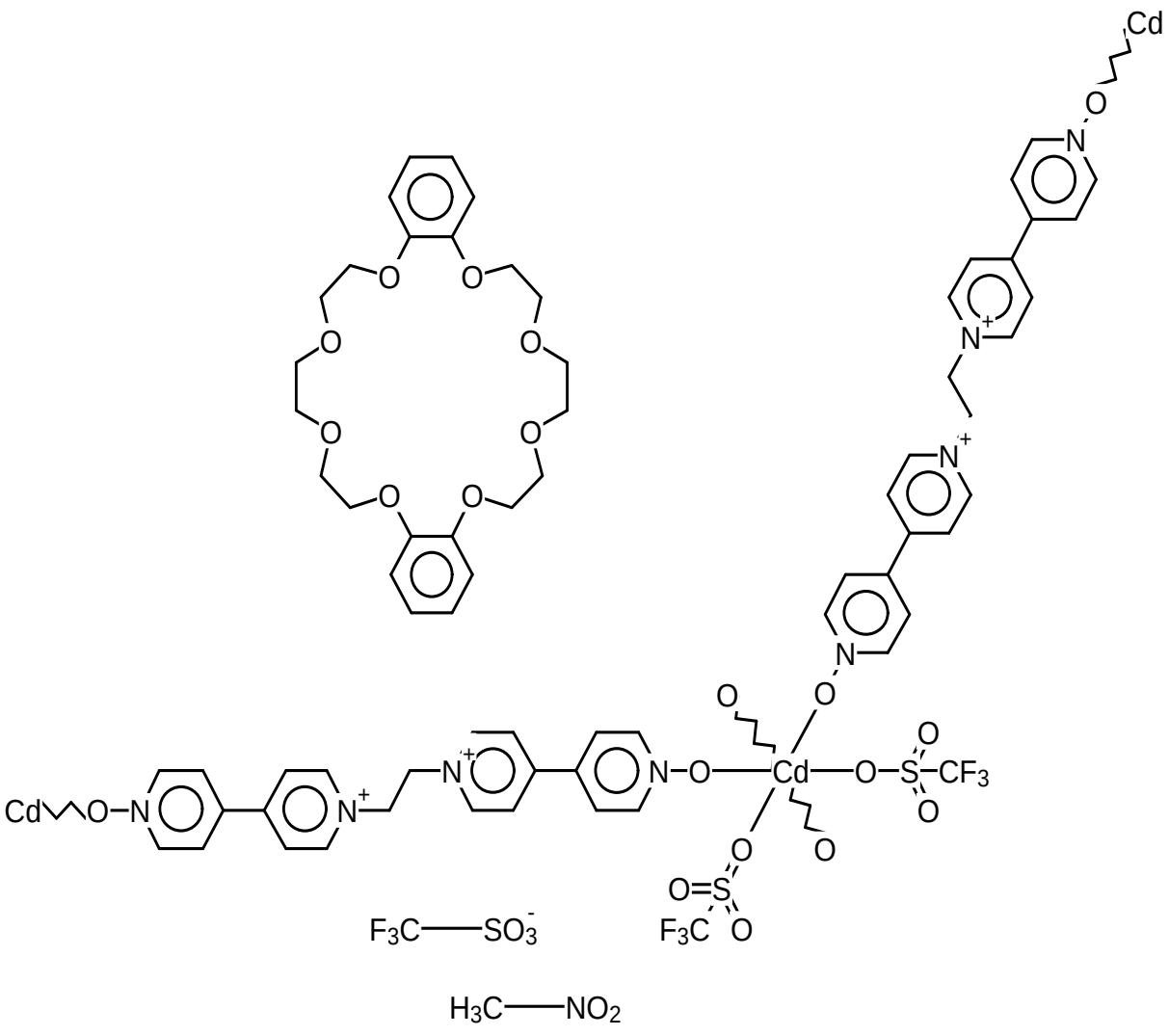
Reference: D.J.Hoffart, S.J.Loeb (2007) *Supramol.Chem.* ,**19,**89

Formula: $(C_{46}\ H_{40}\ Cd_1\ F_6\ N_8\ O_{10}\ S_2\ ^{4+})n,n(C_{24}\ H_{32}\ O_8),4n(C_1\ F_3\ O_3\ S_1\ ^{1-}),4n(C_1\ H_3\ N_1\ O_2)$

Compound Name: catena-((2)-(bis(μ_2-1,2-bis(4,4'-bipyridinium-1-oxide)ethane-O,O')-bis(trifluoromethanesulfonato)-cadmium(ii))-(dibenzo-24-crown-8)-pseudorotaxane tetrakis(trifluoromethanesulfonate) nitromethane solvate)

Space Group:	P1	***Cell:***	***a***	11.579(1)	***b***	12.459(1)	***c***	19.000(1)
Space Group No.:	1	***(Å,°)***	α	88.38(0)	β	84.94(0)	γ	65.79(0)

R-Factor (%):	8.44	***Temperature(K):***	173	***Density(g/cm^3):***	1.630



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2775

XANPAE

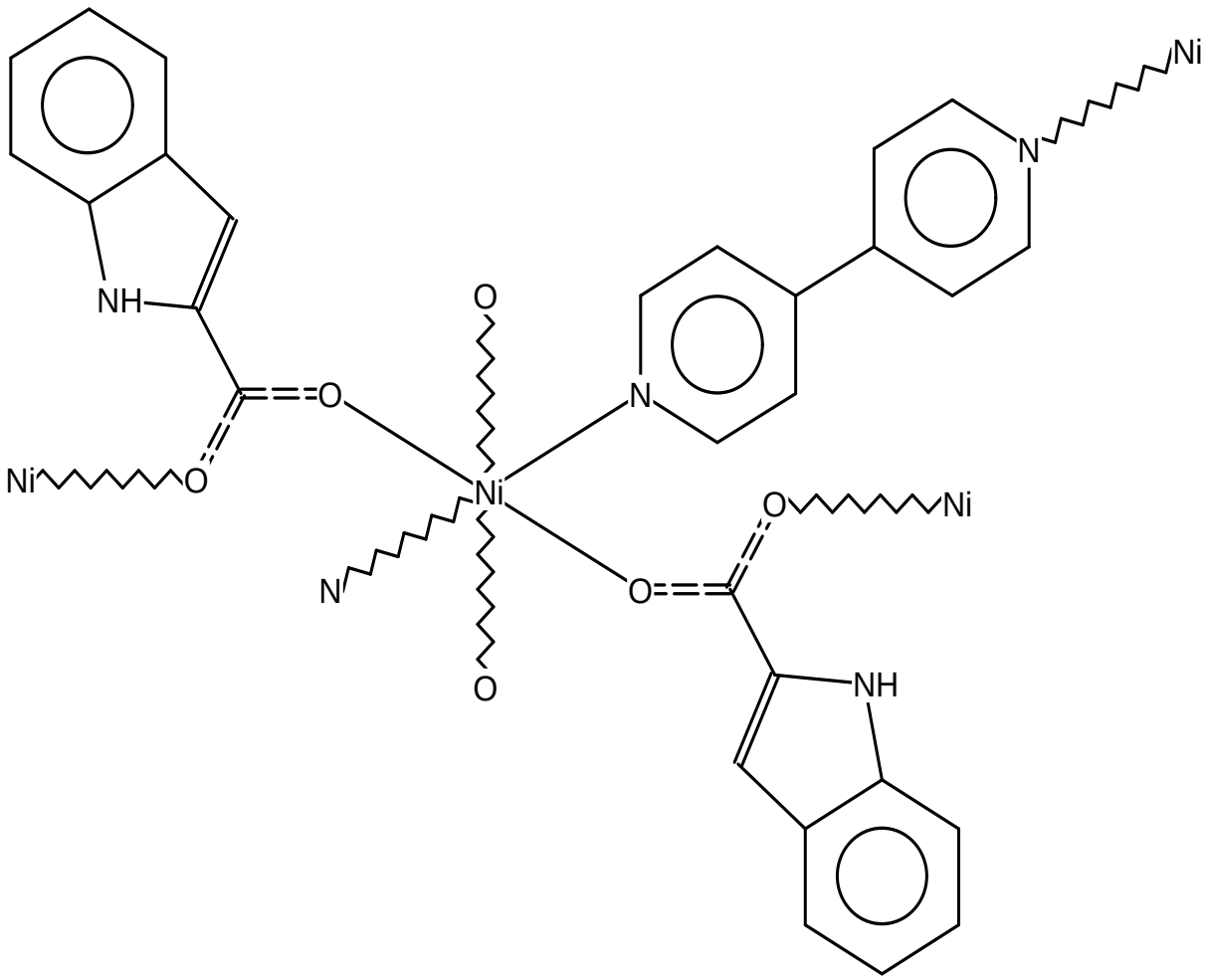
Reference: Bi-Song Zhang, Tao-Kai Ying (2005)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**21,**515

Formula: $(C_{28}\ H_{20}\ N_4\ Ni_1\ O_4)n$

Compound Name: catena-((μ_2-2,2'-Bipyridyl)-bis(μ_2-2-indolylcarboxylato)-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	23.002(5)	***b*** 11.291(2)	***c***	9.740(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 109.85(3)	γ	90.00

R-Factor (%): 3.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.494



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2776

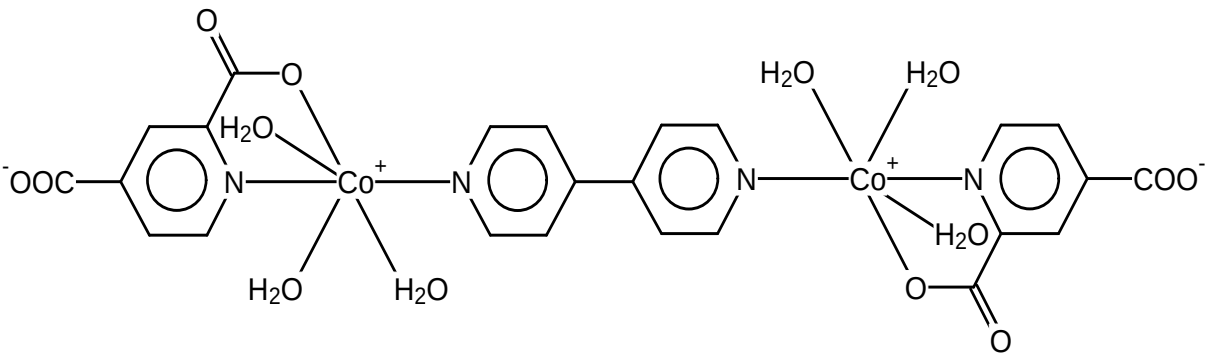
XAPVEQ

Reference: Xian-Ming Zhang (2005)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**61,**m1332

Formula: $C_{24}\ H_{26}\ Co_2\ N_4\ O_{14}$,2($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(triaqua-(pyridine-2,4-dicarboxylato-N,O)-cobalt(ii)) dihydrate

Space Group:	P-1	***Cell:***	***a***	6.413(1)	***b***	9.763(2)	***c***	12.113(2)
Space Group No.:	2	***(Å,°)***	α	79.54(3)	β	79.26(3)	γ	80.61(3)
R-Factor (%):	5.23	***Temperature(K):***	293		***Density(g/cm^3):***		1.711	



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2777

XASKAE

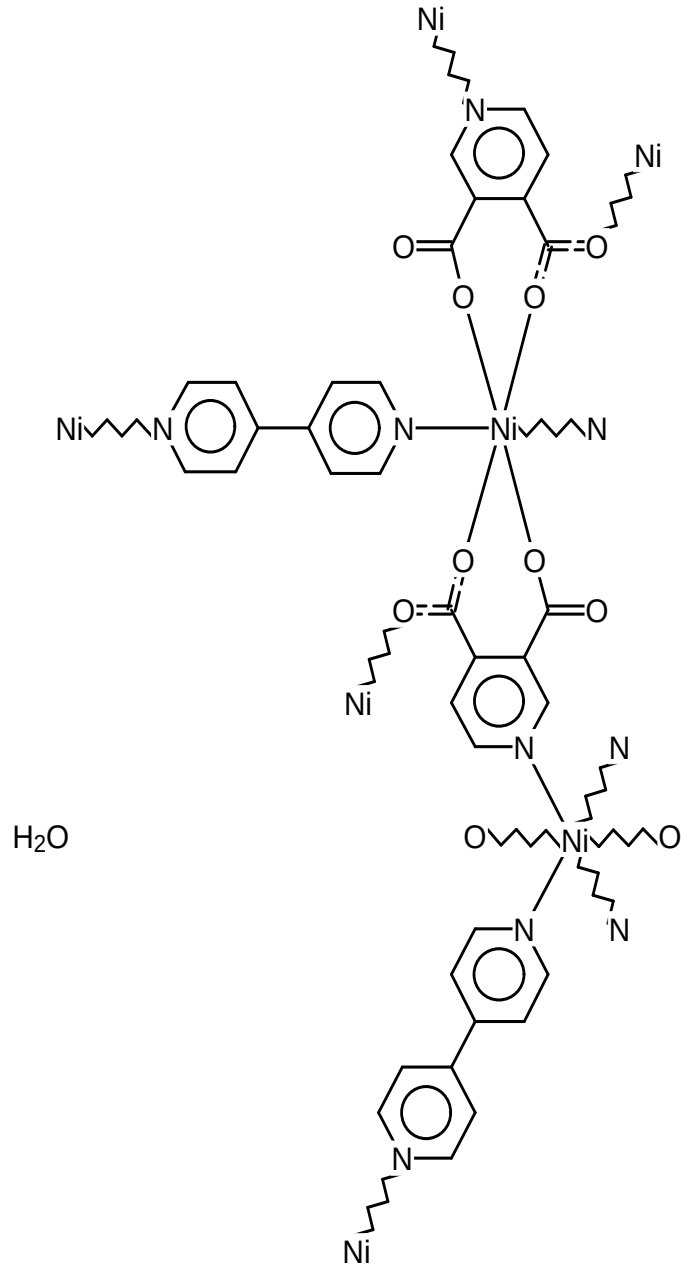
Reference: Chao Qin, Xin-Long Wang, Yang-Guang Li, En-Bo Wang, Zhong-Min Su, Lin Xu R.Clerac (2005) *Dalton Trans.* ,2609

Formula: $(C_{34}\ H_{22}\ N_6\ Ni_2\ O_8)n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Pyridine-3,4-dicarboxylato)-bis(μ_2-4,4'-bipyridyl)-di-nickel monohydrate)

Space Group:	C2/c	***Cell:***	***a***	19.342(4)	***b***	11.443(2)	***c***	13.936(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	97.82(3)	γ	90.00

R-Factor (%):	6.83	***Temperature(K):***	293	***Density(g/cm^3):***	1.691



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2778

XASKEI

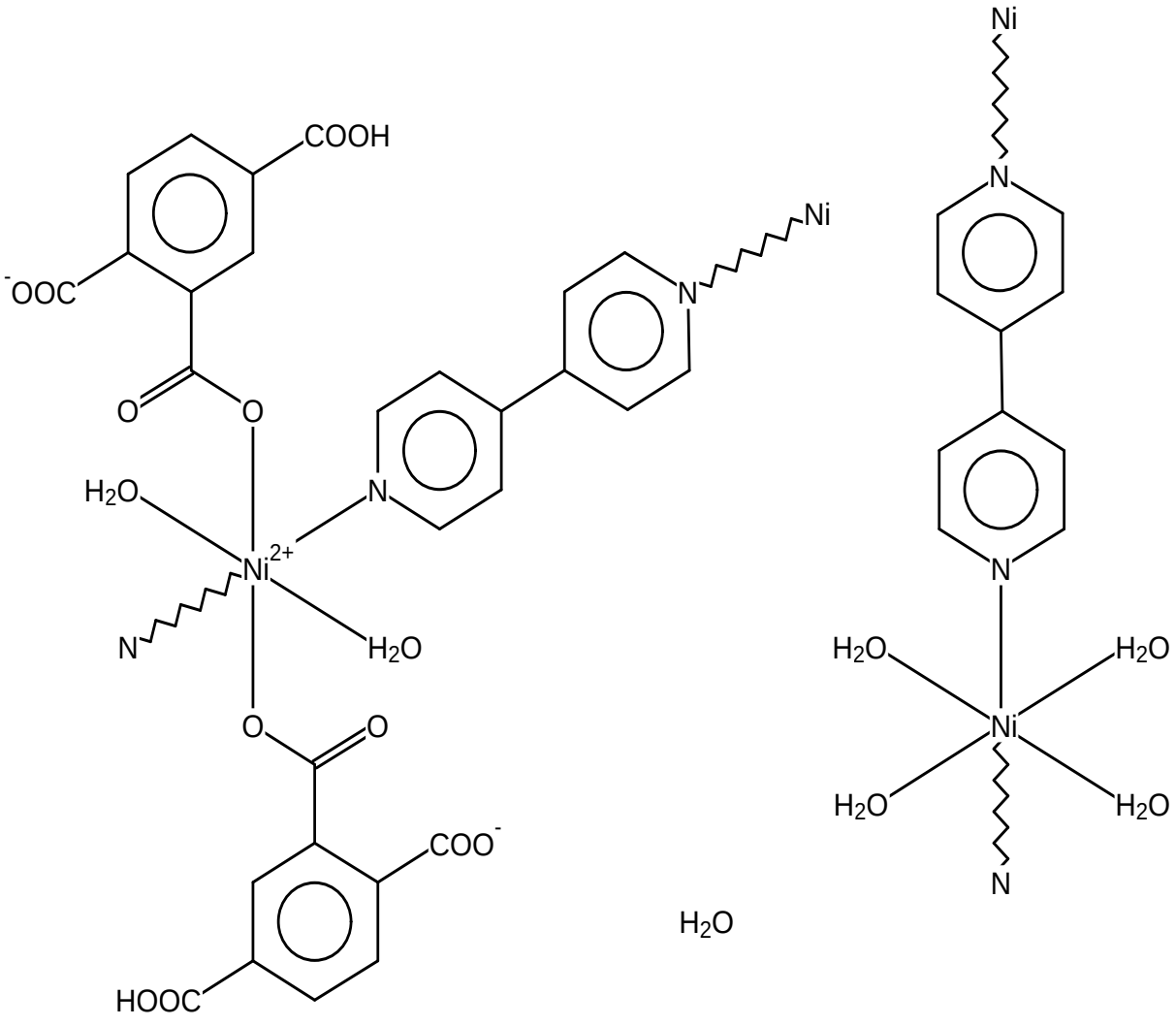
Reference: Chao Qin, Xin-Long Wang, Yang-Guang Li, En-Bo Wang, Zhong-Min Su, Lin Xu R.Clerac (2005) *Dalton Trans.* ,2609

Formula: $(C_{28}\ H_{20}\ N_2\ Ni_1\ O_{14})n,n(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4),2n(H_2\ O_1)$

Compound Name: catena-((μ$_2$-4,4'-Bipyridyl)-bis(4-carboxybenzene-1,2-dicarboxylato)-di-aqua-nickel (μ$_2$-4,4'-bipyridyl)-tetra-aqua-nickel dihydrate)

Space Group:	P2/c	***Cell:***	***a*** 14.032(3)	***b*** 11.238(2)	***c*** 12.259(3)
Space Group No.:	13	***(Å,°)***	α 90.00	β 93.85(3)	γ 90.00

R-Factor (%): 3.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.705



Search: search1 (Thu May 26 10:05:42 2011): Hit 2779

XAVSAP

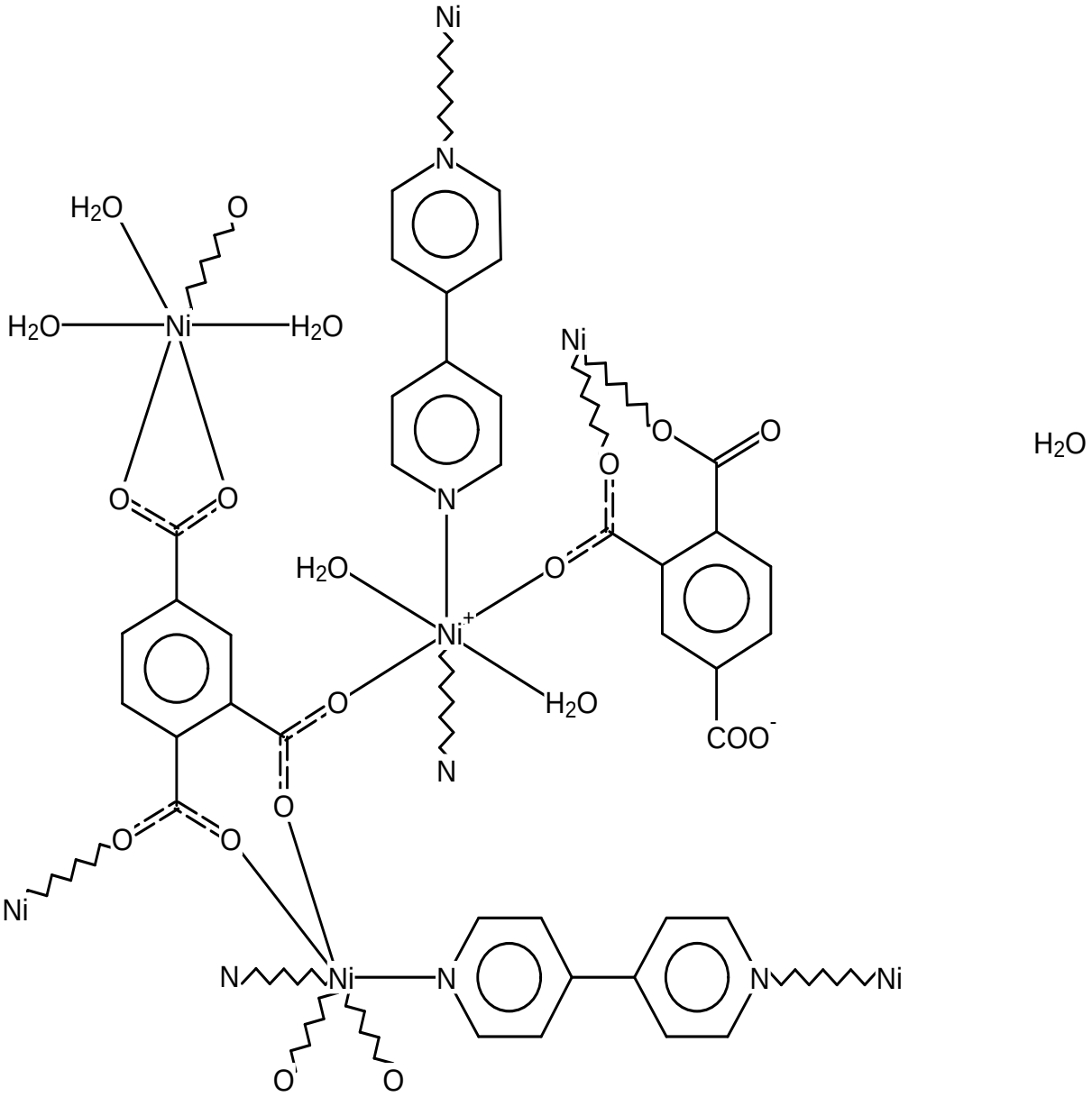
Reference: Chao Qin, Xin-Long Wang, Yang-Guang Li, En-Bo Wang, Zhong-Min Su, Lin Xu R.Clerac (2005) *Dalton Trans.* ,2609

Formula: $(C_{38}\ H_{32}\ N_4\ Ni_3\ O_{17})n,1.5n(H_2\ O_1)$

Compound Name: catena-((μ_4-Benzene-1,2,4-tricarboxylato)-(μ_2-benzene-1,2,4-tricarboxylato)-bis(μ_2-4,4'-bipyridyl)-penta-aqua-tri-nickel sesquihydrate)

Space Group:	Pna21	***Cell:***	***a***	22.635(5)	***b***	17.286(4)	***c***	10.058(2)
Space Group No.:	33	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.721



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2780

XEBGIU

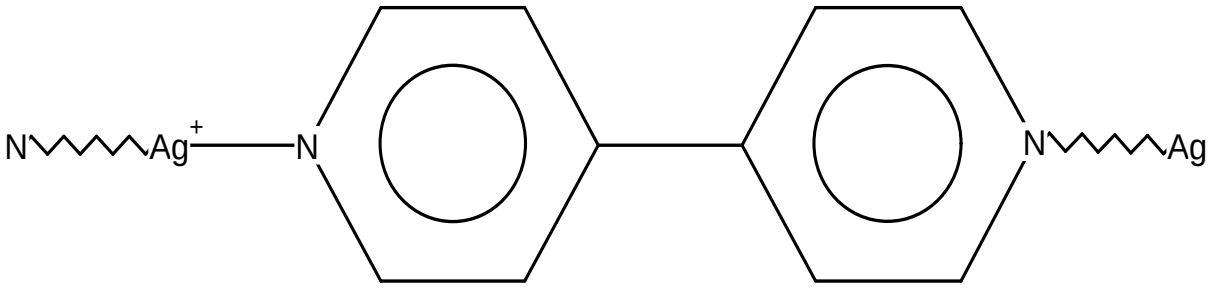
Reference: A.J.Blake, G.Baum, N.R.Champness, S.S.M.Chung, P.A.Cooke, D.Fenske, A.N.Khlobystov, D.A.Lemenovskii, Wan-Sheung Li, M.Schroder (2000) *J.Chem.Soc.,Dalton Trans.* ,4285

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(B_1\ F_4\ ^{1-}),n(C_2\ H_3\ N_1),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-silver(i) tetrafluoroborate acetonitrile solvate monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.273(2)	***b*** 10.506(3)	***c***	10.642(3)
Space Group No.:	2	***(Å,°)***	α	96.33(4)	β 103.29(3)	γ	98.16(3)

R-Factor (%): 6.37 ***Temperature(K):*** 220 ***Density(g/cm^3):*** 1.757



BF_4^-

H_3C———CN

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2781

XECBIR

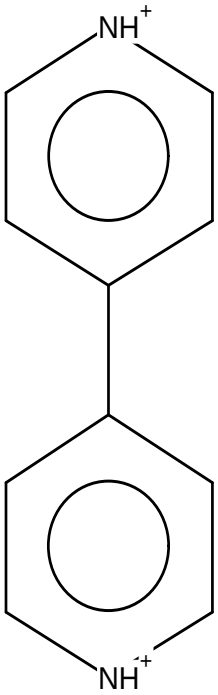
Reference: Wen-Guan Lu, Long Jiang, Xiao-Long Feng, Tong-Bu Lu (2006) *Cryst.Growth Des.* ,**6,**564

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(C_{80}\ H_{44}\ Cd_9\ N_{24}\ O_{32}\ ^{2-}),8n(H_2\ O_1)$

Compound Name: catena-(4,4'-Bipyridinium bis(μ_5-imidazole-4,5-dicarboxylato)-bis(μ_4-imidazole-4,5-dicarboxylato)-tetrakis(μ_3-imidazole-4,5-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-nona-cadmium(ii) octahydrate)

Space Group:	Pnnm	***Cell:***	***a***	20.195(2)	***b***	15.834(1)	***c***	16.276(1)
Space Group No.:	58	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	5.20	***Temperature(K):***	293	***Density(g/cm^3):***	2.021



H_2O

n-$Cd_9[\mu_5\text{-}C_5HN_2O_4]_2$--
--$[\mu_4\text{-}C_5HN_2O_4\text{-}\kappa^2N,N',\kappa^4O,O']_2$--
--$[\mu_3\text{-}C_5H_2N_2O_4\text{-}\kappa^2N,N',\kappa^3O,O']_4[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_2[C_{10}H_8N_2]_2^{2-}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2782

XECBOX

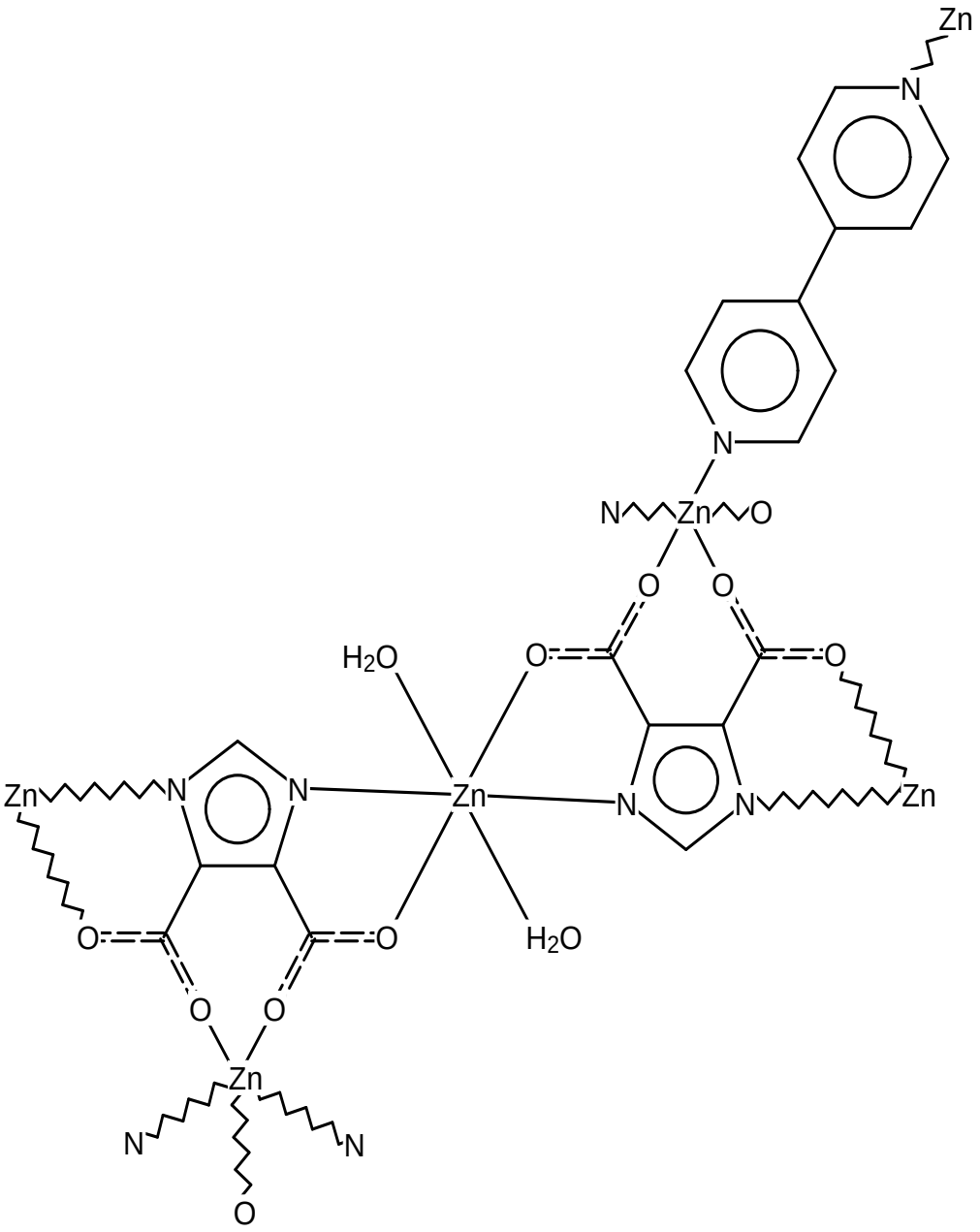
Reference: Wen-Guan Lu, Long Jiang, Xiao-Long Feng, Tong-Bu Lu (2006) *Cryst.Growth Des.* ,**6,**564

Formula: $(C_{20}\ H_{14}\ N_6\ O_{10}\ Zn_3)n$

Compound Name: catena-(bis(μ_3-Imidazole-4,5-dicarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-tri-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	16.084(5)	***b***	8.319(3)	***c*** 8.501(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.28(0)	γ 90.00

R-Factor (%): 2.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.028



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2783

XECBUD

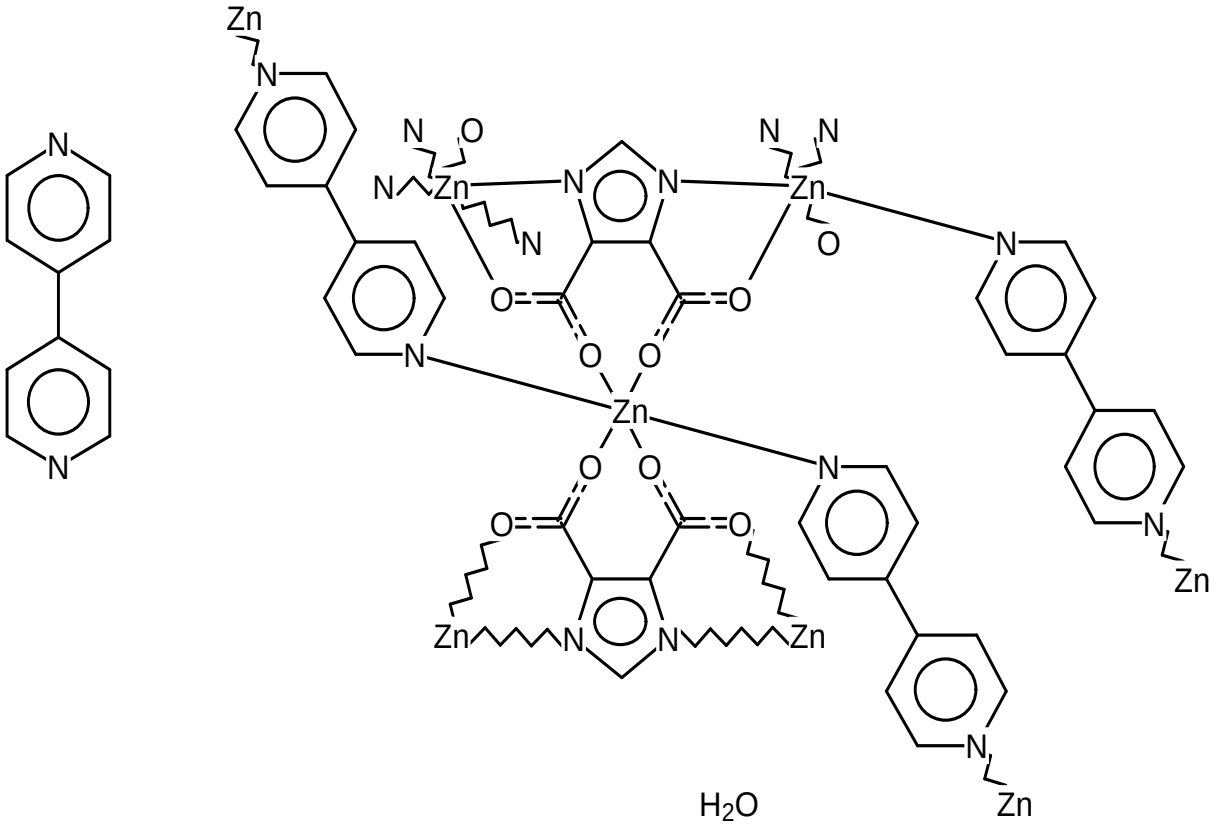
Reference: Wen-Guan Lu, Long Jiang, Xiao-Long Feng, Tong-Bu Lu (2006) *Cryst.Growth Des.* ,**6,**564

Formula: $(C_{40}\ H_{26}\ N_{10}\ O_8\ Zn_3)n,n(C_{10}\ H_8\ N_2),8n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Imidazole-4,5-dicarboxylato)-tris(μ_2-4,4'-bipyridine)-tri-zinc(ii) 4,4'-bipyridine solvate octahydrate)

Space Group:	P-1	***Cell:***	***a***	11.558(7)	***b***	11.617(7)	***c***	11.841(7)
Space Group No.:	2	***(Å,°)***	α	64.11(1)	β	81.06(1)	γ	72.69(1)

R-Factor (%): 6.02 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.546



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2784

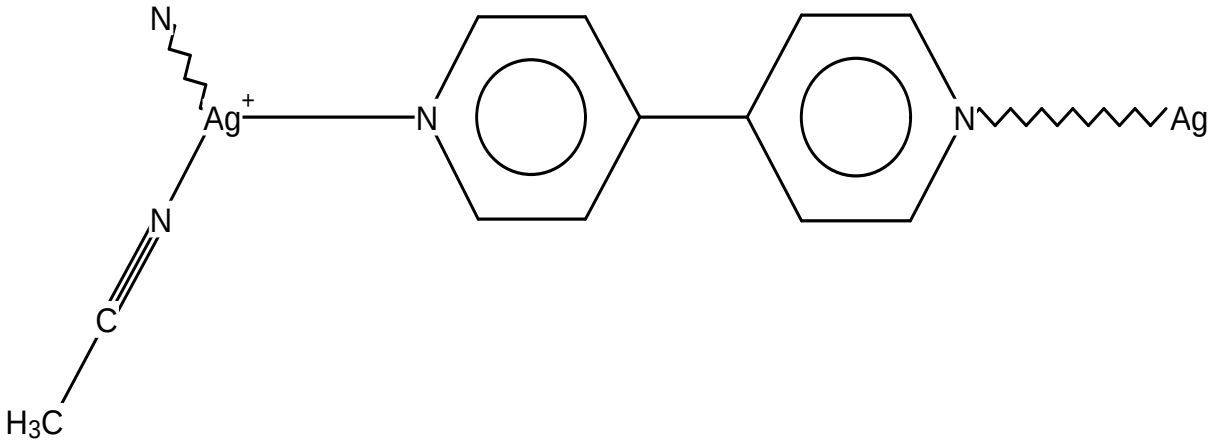
XEDCEP

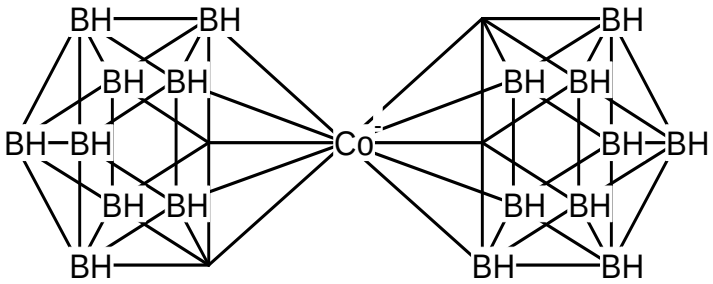
Reference: L.Cunha-Silva, R.Ahmad, M.J.Hardie (2006)
*Aust.J.Chem. ,***59,**40

Formula: $(C_{12}\ H_{11}\ Ag_1\ N_3\ ^{1+})n,n(C_4\ H_{22}\ B_{18}\ Co_1\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-acetonitrile-silver(i) (3,3'-commo-bis(1,2-dicarba-3-cobalta(iii)-closo-dodecaborate)))

Space Group:	P-1	***Cell:***	***a***	7.235(0)	***b***	11.477(0)	***c*** 17.613(0)
Space Group No.:	2	***(Å,°)***	α	105.90(0)	β	93.14(0)	γ 95.62(0)
R-Factor (%):	1.80	***Temperature(K):***	150	***Density(g/cm^3):***	1.497		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2785

XEDCEP01

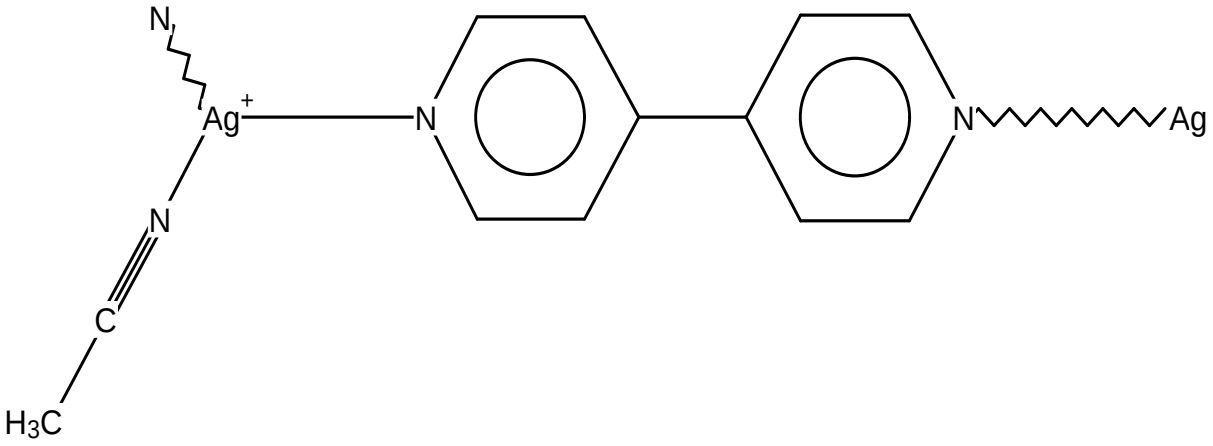
Reference: L.Cunha-Silva, R.Ahmad, M.J.Hardie (2006)
*Aust.J.Chem. ,***59,**40

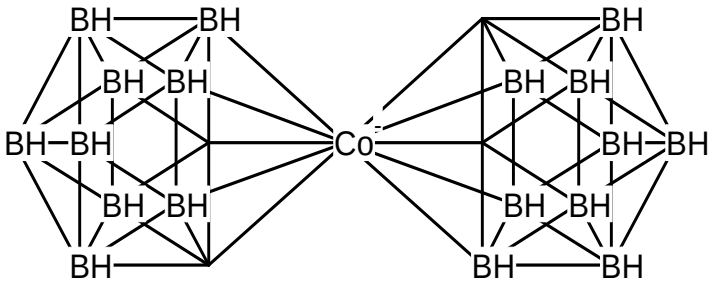
Formula: $(C_{12}\ H_{11}\ Ag_1\ N_3\ ^{1+})n,n(C_4\ H_{22}\ B_{18}\ Co_1\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-acetonitrile-silver(i) (3,3'-commo-bis(1,2-dicarba-3-cobalta(iii)-closo-dodecaborate)))

Space Group:	P21/n	***Cell:***	***a***	20.222(0)	***b*** 7.022(0)	***c***	21.860(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 114.46(0)	γ	90.00

R-Factor (%): 5.20 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.478





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2786

XEDCIT

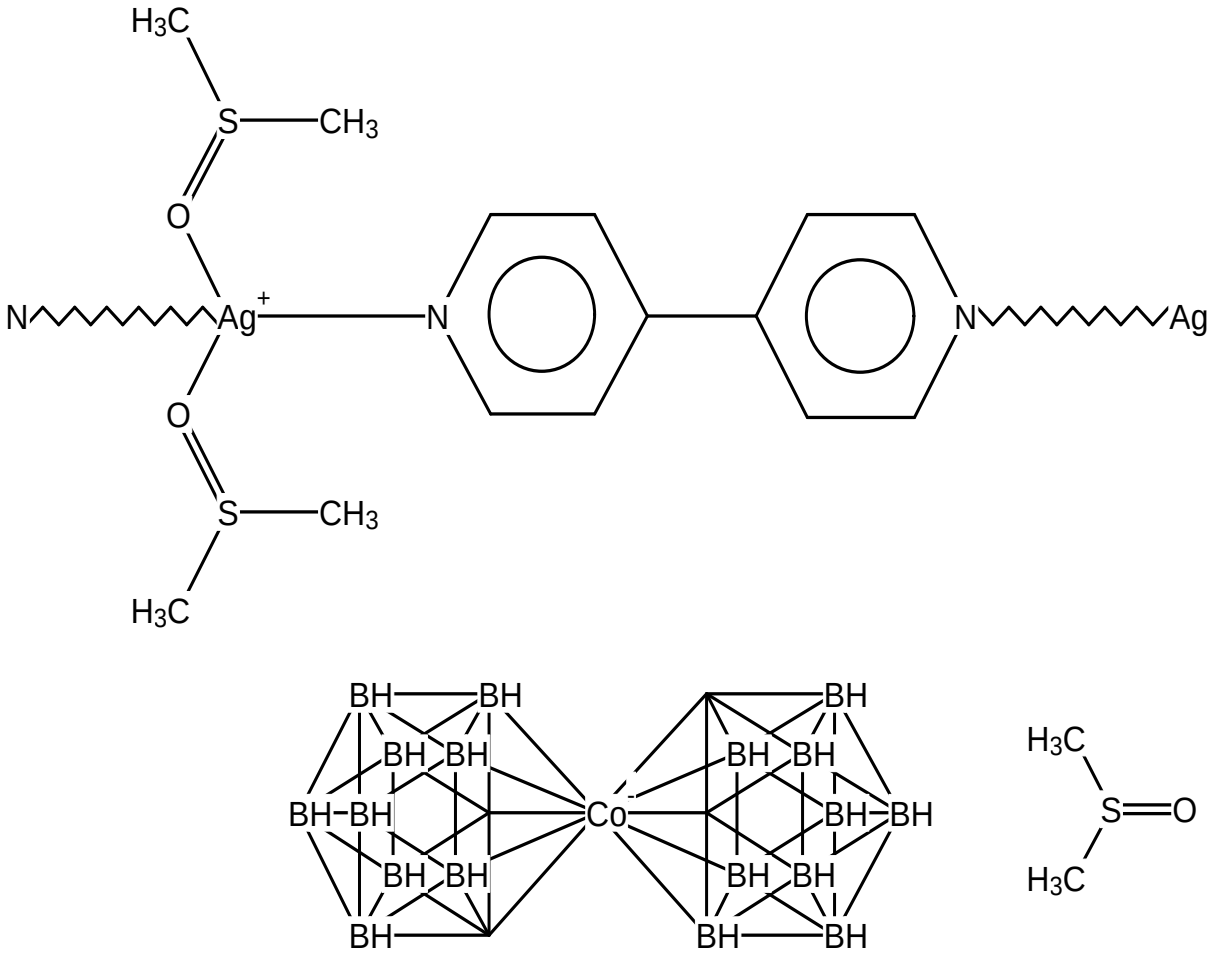
Reference: L.Cunha-Silva, R.Ahmad, M.J.Hardie (2006)
*Aust.J.Chem. ,***59,**40

Formula: $(C_{14}\ H_{20}\ Ag_1\ N_2\ O_2\ S_2\ ^{1+})n,n(C_4\ H_{22}\ B_{18}\ Co_1\ ^{1-}),n(C_2\ H_6\ O_1\ S_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(dimethylsulfoxide)-silver(i) (3,3'-commo-bis(1,2-dicarba-3-cobalta(iii)-closo-dodecaborate)) dimethylsulfoxide clathrate)

Space Group:	P21/c	***Cell:***	***a***	11.430(0)	***b***	24.451(0)	***c***	13.338(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.59(0)	γ	90.00

R-Factor (%):	13.34	***Temperature(K):***	150	***Density(g/cm^3):***	1.466



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2787

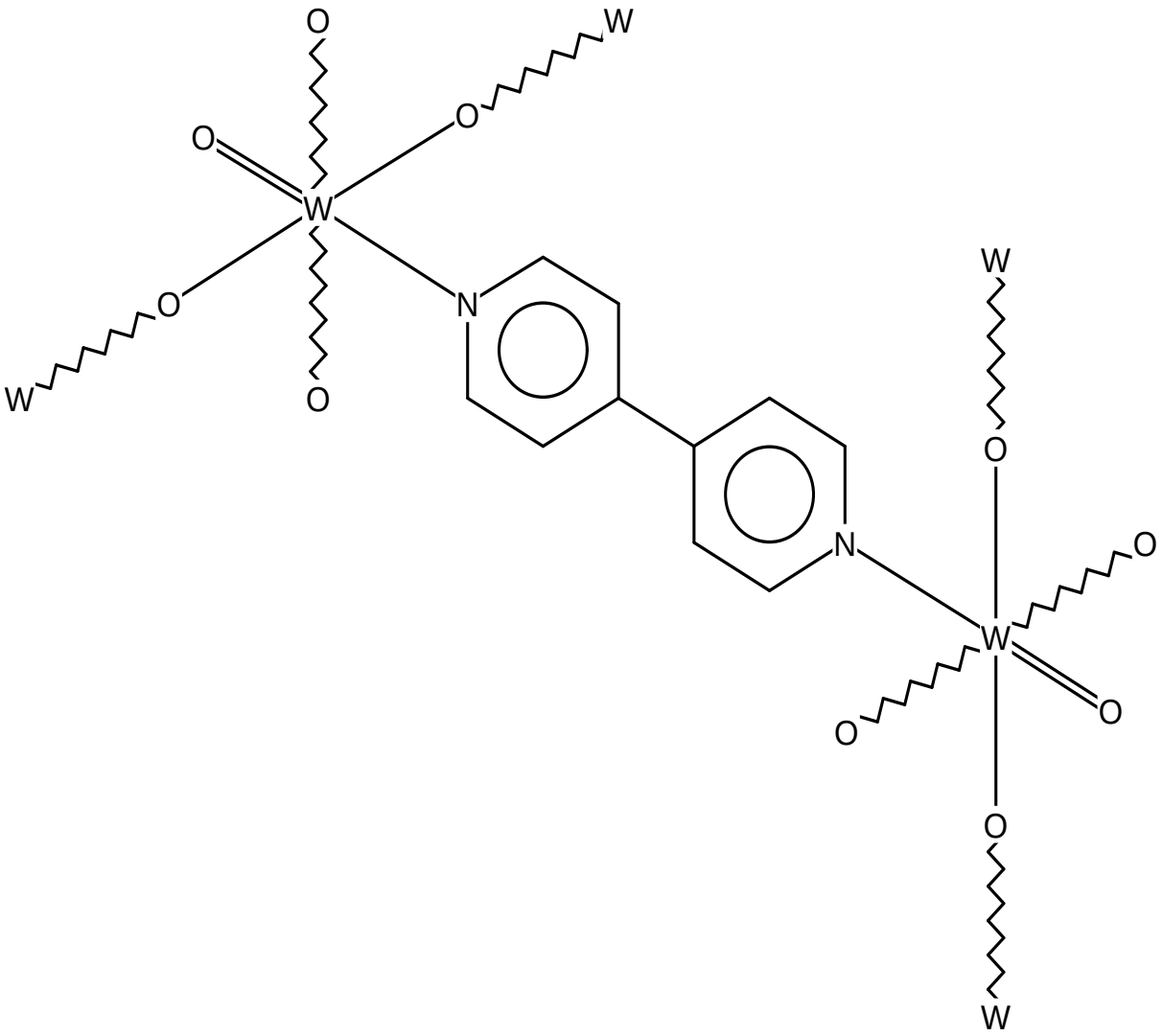
XEDGOC

Reference: Bangbo Yan, Yan Xu, N.K.Goh, L.S.Chia (2000)
Chem.Commun. ,2169

Formula: $(C_{10}\ H_8\ N_2\ O_6\ W_2)n$

Compound Name: catena-(tetrakis(μ_2-Oxo)-(μ_2-4,4'-bipyridine)-dioxo-di-tungsten(vi))

Space Group:	Cmca	***Cell:***	***a***	7.473(1)	***b***	7.393(1)	***c*** 22.570(4)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	3.36	***Temperature(K):***	295		***Density(g/cm^3):***		3.302



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2788

XEDGOC01

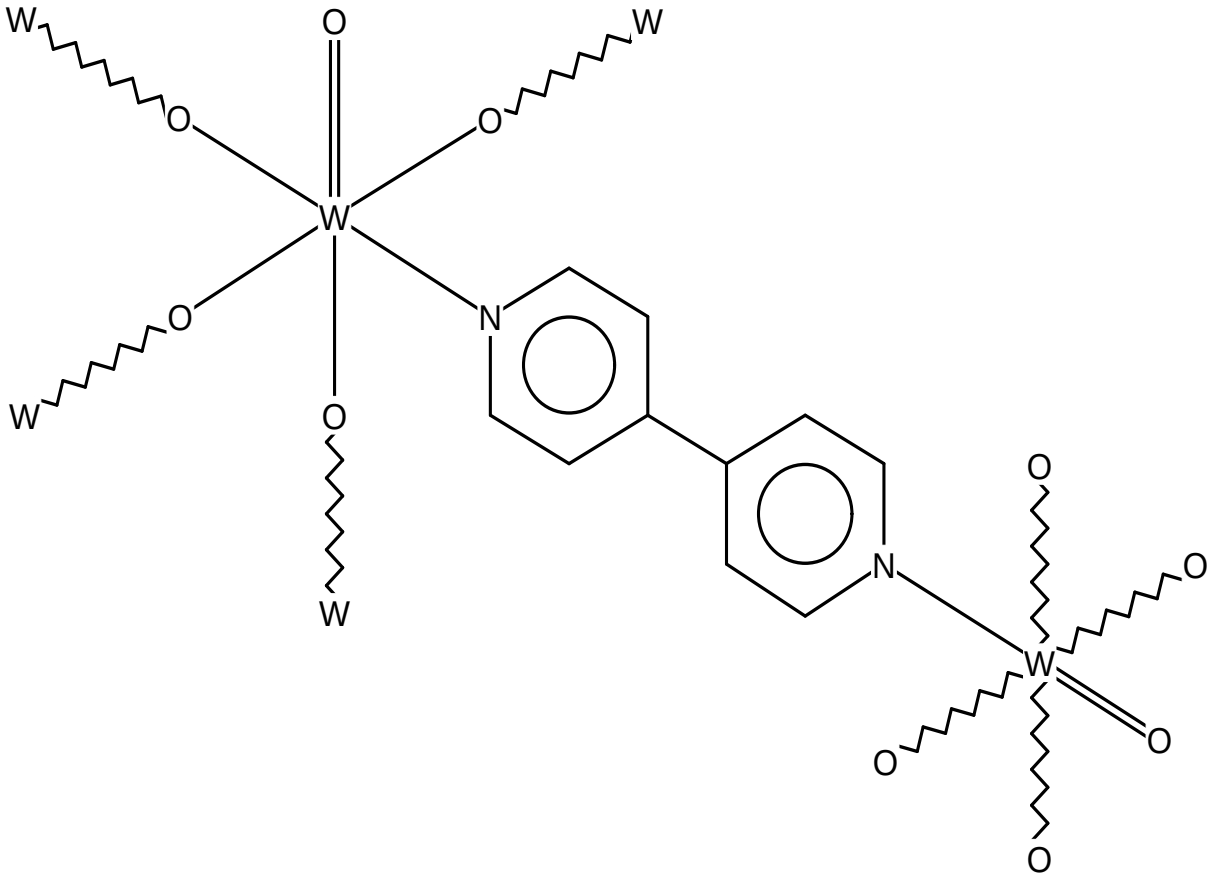
Reference: Islah-u-din, M.R.Fox, H.Martin, G.J.Gainsford, J.Kennedy, A.Markwitz, S.G.Telfer, G.B.Jameson, J.L.Tallon (2010) *Chem.Commun. ,***46,**4261

Formula: $(C_{10}\ H_8\ N_2\ O_6\ W_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-oxo)-dioxo-di-tungsten)

Space Group:	Pbca	***Cell:***	***a***	7.477(0)	***b***	7.387(0)	***c*** 22.562(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.67 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 3.304



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2789

XEFZAK

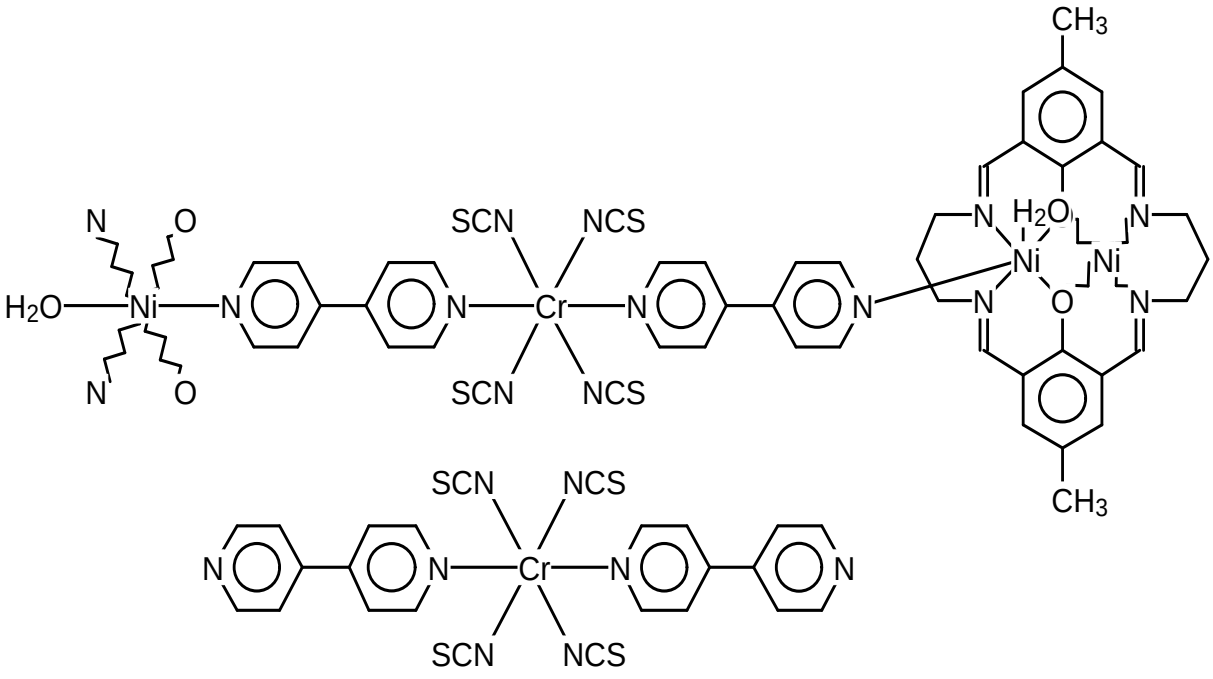
Reference: A.Cucos, N.Avarvari, M.Andruh, Y.Journaux, A.Muller, M.Schmidtmann (2006) *Eur.J.Inorg.Chem.* ,903

Formula: $(C_{48}\ H_{46}\ Cr_1\ N_{12}\ Ni_2\ O_4\ S_4)n,n(C_{24}\ H_{16}\ Cr_1\ N_8\ S_4)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N')-(μ_2-11,23-dimethyl-25,26-dioxy-3,7,15,19-tetra-azatricyclo(19.3.1.1^{9,13})hexacosa-1(25),2,7,9,11,13(26),14,19,21,23-decaene)-diaqua-tetrakis(isothiocyanato)-chromium(iii)-di-nickel(ii) bis(4,4'-bipyridine-N)-tetrakis(isothiocyanato)-chromium)

Space Group:	P-1	***Cell:***	***a***	11.311(1)	***b***	13.226(1)	***c***	15.910(1)
Space Group No.:	2	***(Å,°)***	α	80.93(1)	β	82.56(1)	γ	89.07(1)

R-Factor (%): 7.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.246



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2790

XEGRAC

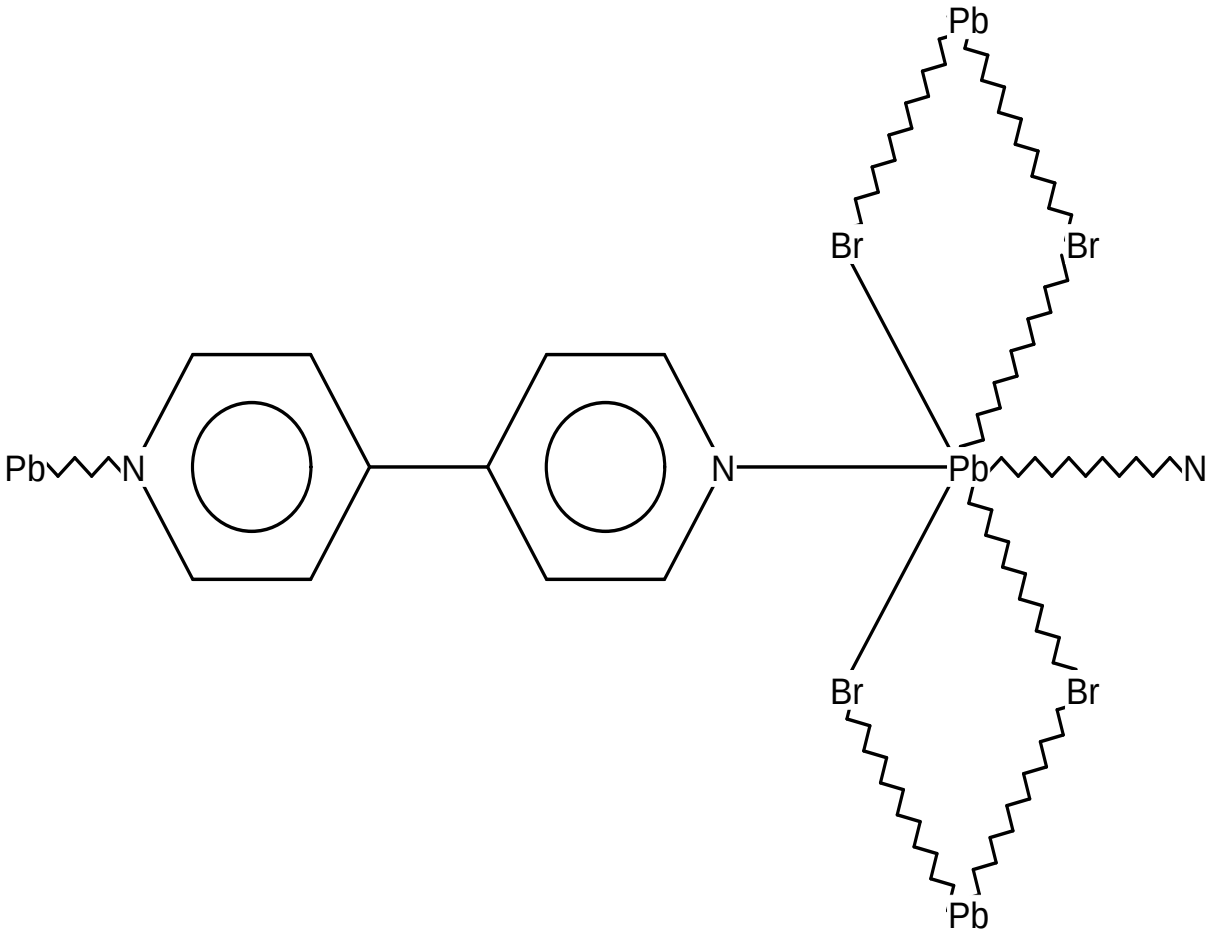
Reference: Yong Cui, Jing Ren, Gang Chen, Weichao Yu, Yitai Qian (2000) *Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***56,**e552

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ Pb_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-bromo)-lead(ii))

Space Group:	C2/m	***Cell:***	***a***	12.282(3)	***b*** 12.407(3)	***c***	4.219(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 95.55(3)	γ	90.00

R-Factor (%): 4.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.715



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2791

XEGRAC01

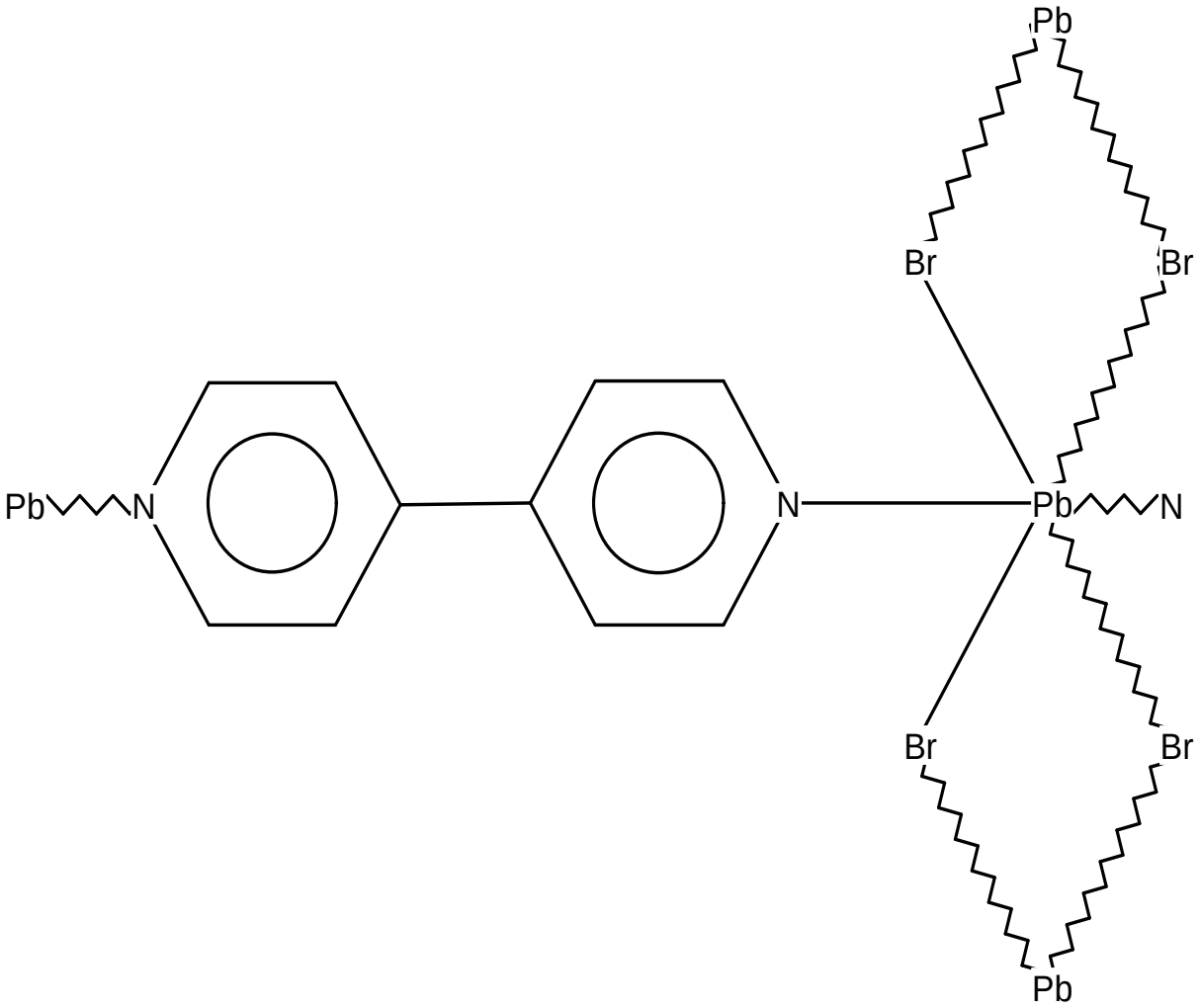
Reference: Han-dong Yin, Ji-chun Cui (2004) *Chem.Res.Chin.Univ.* , **20,**548

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ Pb_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-bromo)-lead(ii))

Space Group:	C2	***Cell:***	***a***	12.236(9)	***b***	12.376(9)	***c*** 4.217(3)
Space Group No.:	5	***(Å,°)***	α	90.00	β	95.86(0)	γ 90.00

R-Factor (%): 2.91 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.735



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2792

XEGRAC02

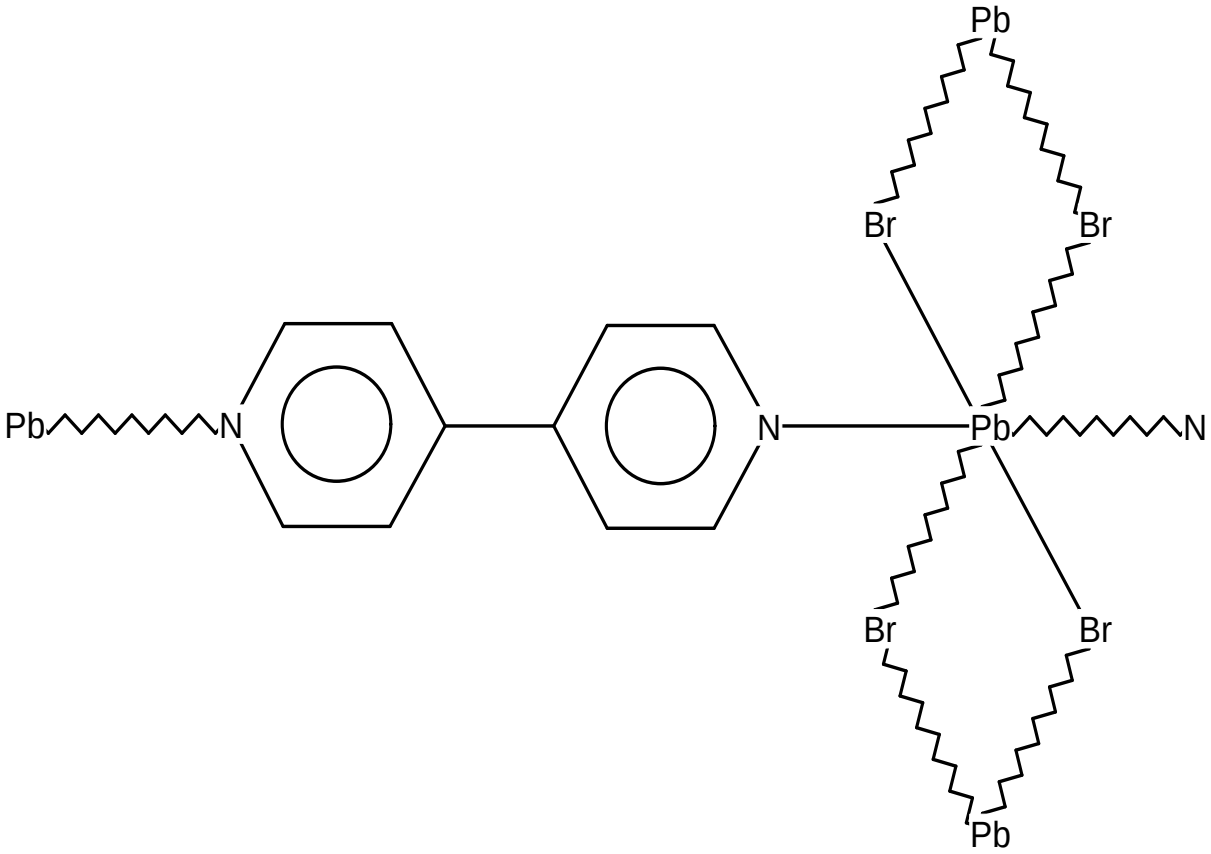
Reference: A.Aslani, A.Morsali, V.T.Yilmaz, O.Buyukgungor (2009)
Inorg.Chim.Acta ,**362,**1506

Formula: $(C_{10}\ H_8\ Br_2\ N_2\ Pb_1)n$

Compound Name: catena-(bis(μ_2-Bromo)-(μ_2-4,4'-bipyridine-N,N')-lead(ii))

Space Group:	C2/m	***Cell:***	***a***	12.245(4)	***b***	12.405(4)	***c*** 4.218(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β	95.75(0)	γ 90.00

R-Factor (%): 4.66 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.725



Search: search1 (Thu May 26 10:05:42 2011): Hit 2793

XEHHEY

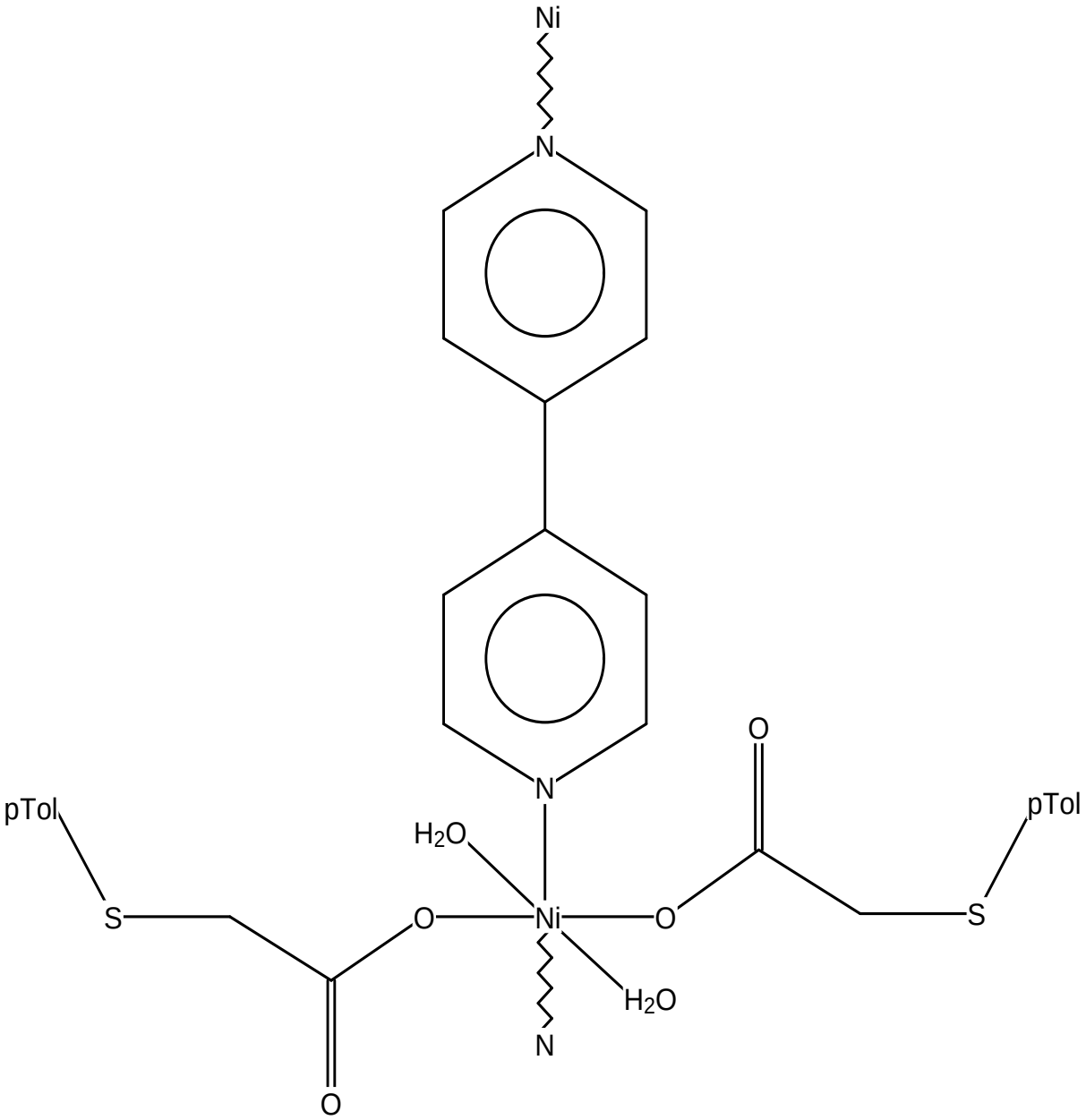
Reference: Hong Lin, Hong Su, Yun-long Feng (2006)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**62,**m747

Formula: $(C_{28}\ H_{30}\ N_2\ Ni_1\ O_6\ S_2)n$

Compound Name: catena-(μ_2-(4,4'-Bipyridine-N,N')-bis((4-tolylsulfanyl)acetato-O)-diaqua-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	21.649(4)	***b***	11.271(2)	***c***	11.050(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	92.59(3)	γ	90.00

R-Factor (%): 3.83 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.513



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2794

XEHRIM

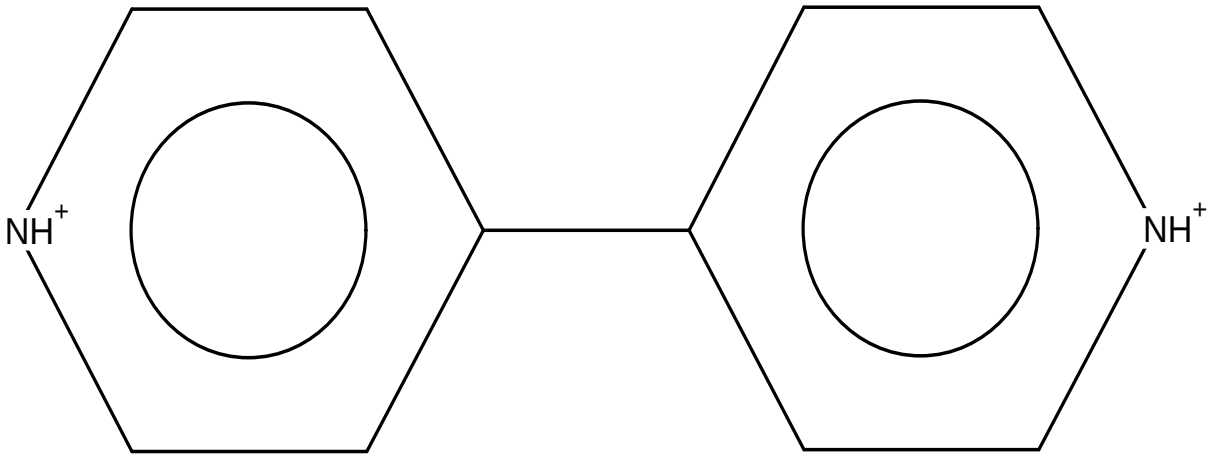
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

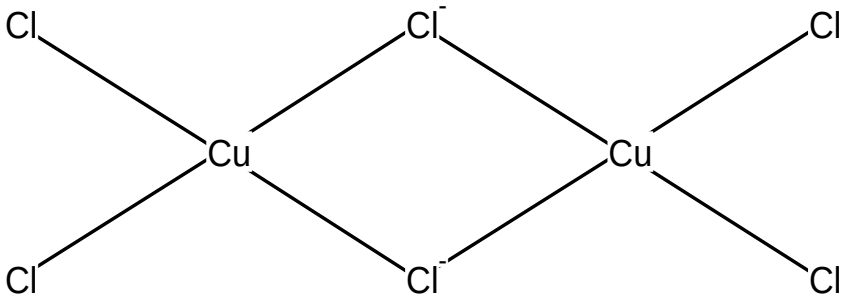
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-chloro)-tetrachloro-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	3.924(0)	***b*** 10.024(2)	***c***	10.698(2)
Space Group No.:	2	***(Å,°)***	α	113.90(3)	β 95.20(3)	γ	96.08(3)

R-Factor (%): 3.47 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.185





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2795

XEHRIM01

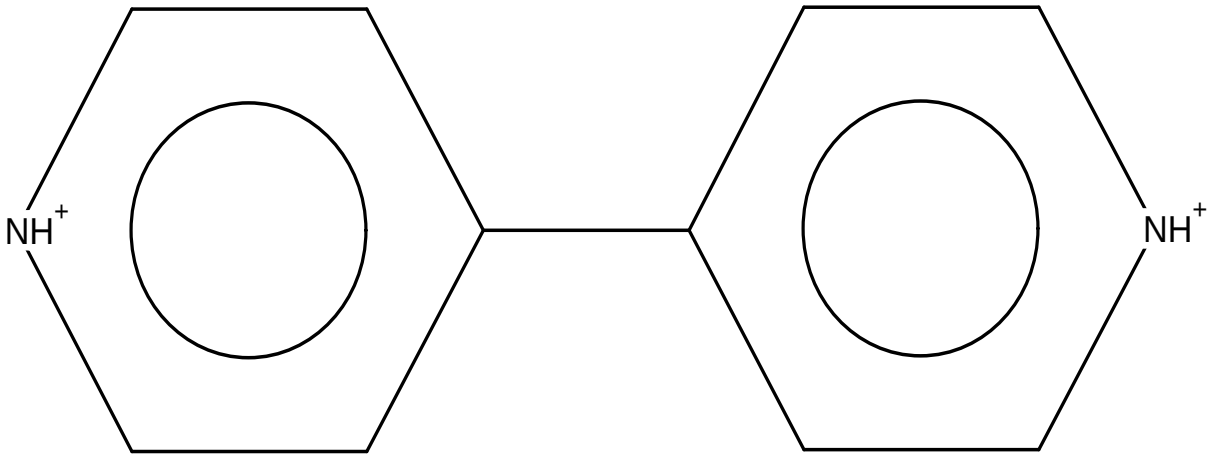
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

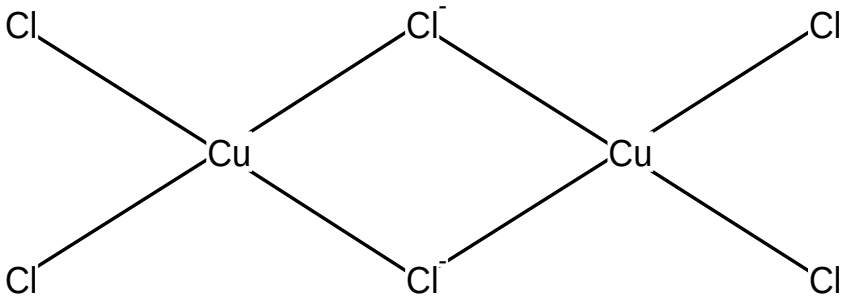
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-chloro)-tetrachloro-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	3.969(0)	***b*** 10.086(1)	***c***	10.752(1)
Space Group No.:	2	***(Å,°)***	α	113.82(0)	β 95.20(0)	γ	96.12(0)

R-Factor (%): 2.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.136





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2796

XEHRIM02

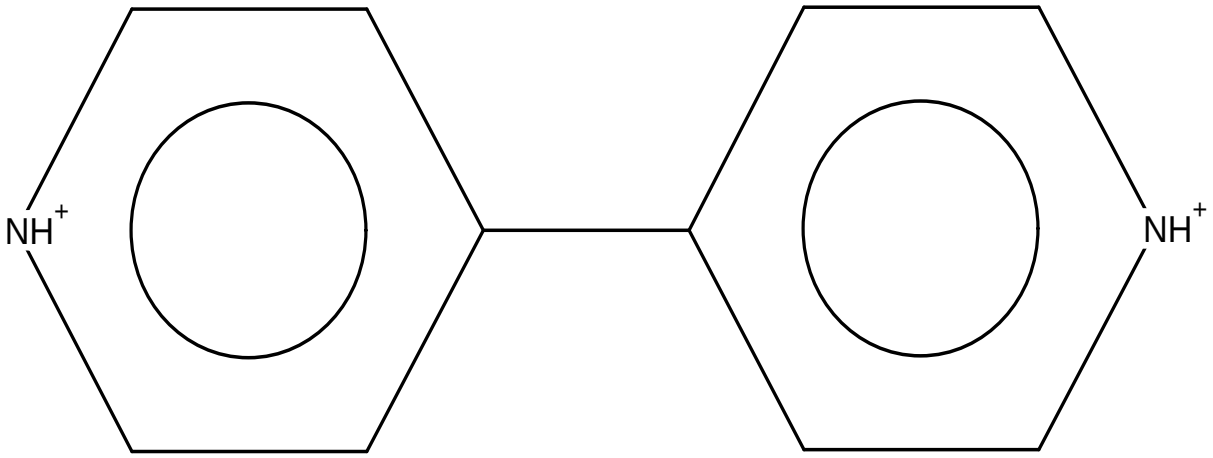
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

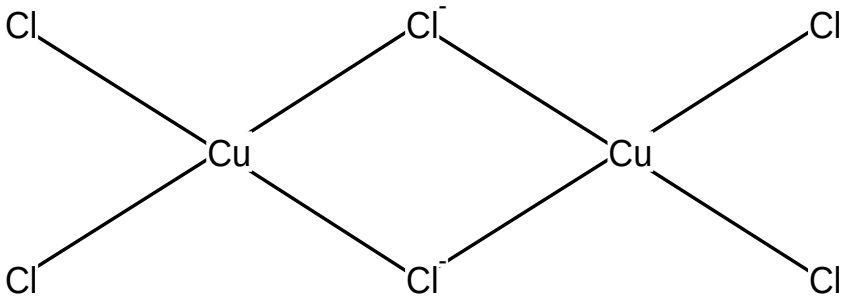
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-chloro)-tetrachloro-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	3.974(0)	***b*** 10.084(1)	***c***	10.763(1)
Space Group No.:	2	***(Å,°)***	α	113.81(0)	β 95.23(0)	γ	96.13(0)

R-Factor (%): 3.20 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 2.131





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2797

XEHRIM03

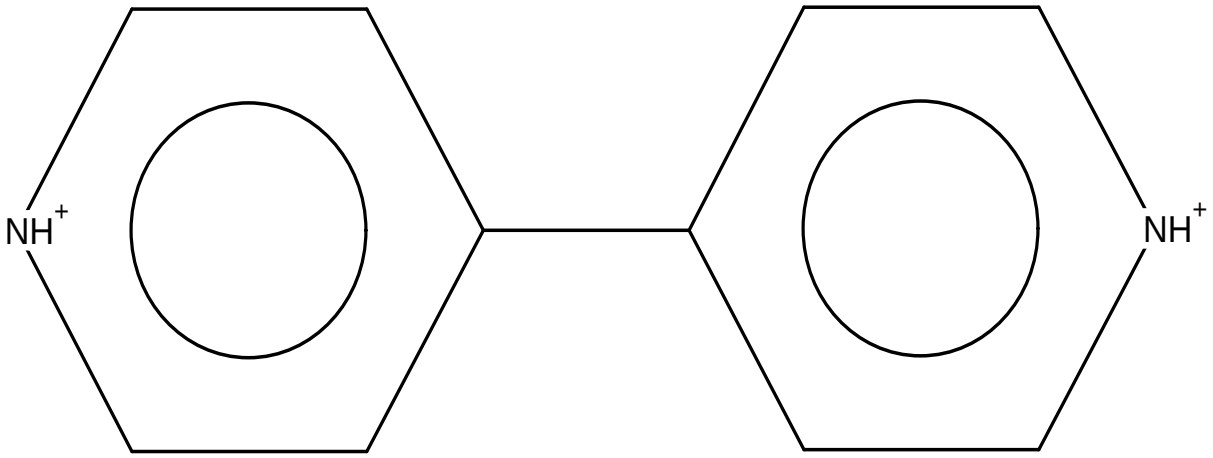
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

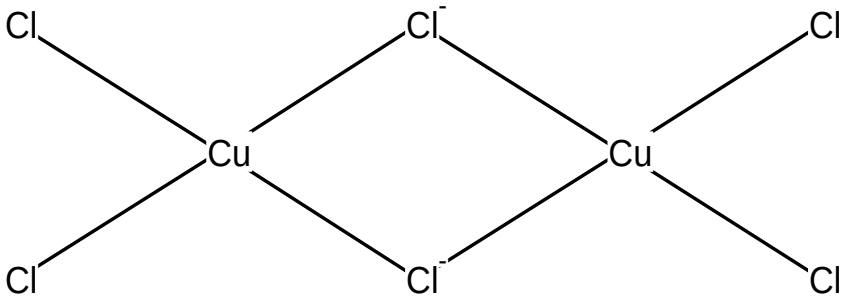
Formula: $C_{10}\,H_{10}\,N_2^{\,2+},Cl_6\,Cu_2^{\,2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-chloro)-tetrachloro-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	3.939(0)	***b*** 10.045(1)	***c***	10.714(1)
Space Group No.:	2	***(Å,°)***	α	113.87(0)	β 95.22(0)	γ	96.07(0)

R-Factor (%): 2.04 ***Temperature(K):*** 303 ***Density(g/cm^3):*** 2.169





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2798

XEHROS

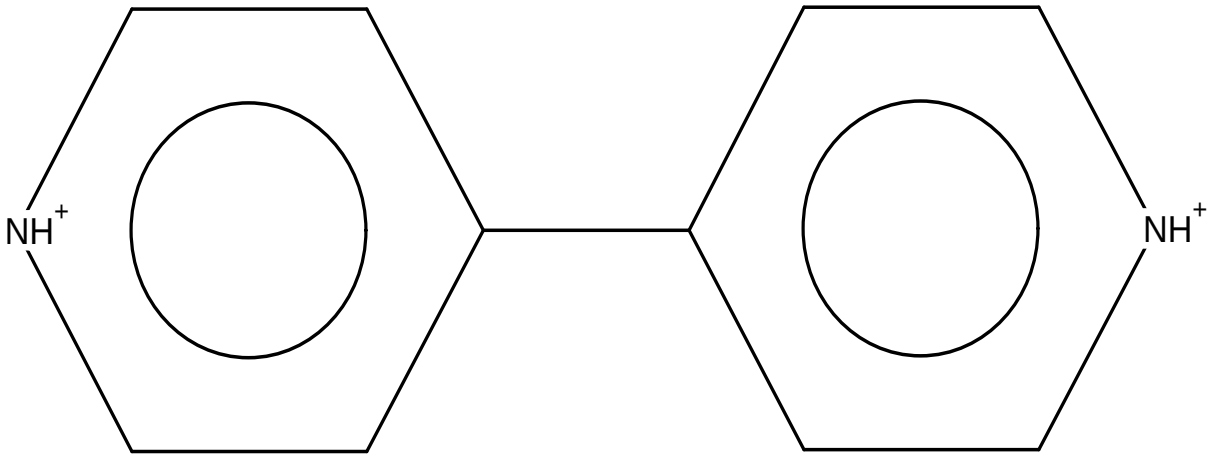
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

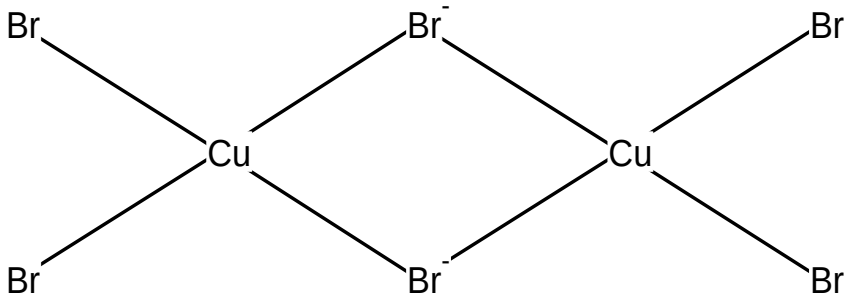
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-bromo)-tetrabromo-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	4.061(0)	***b*** 10.210(1)	***c***	10.921(1)
Space Group No.:	2	***(Å,°)***	α	113.83(0)	β 95.00(0)	γ	96.01(0)

R-Factor (%): 3.06 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 3.115





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2799

XEHROS01

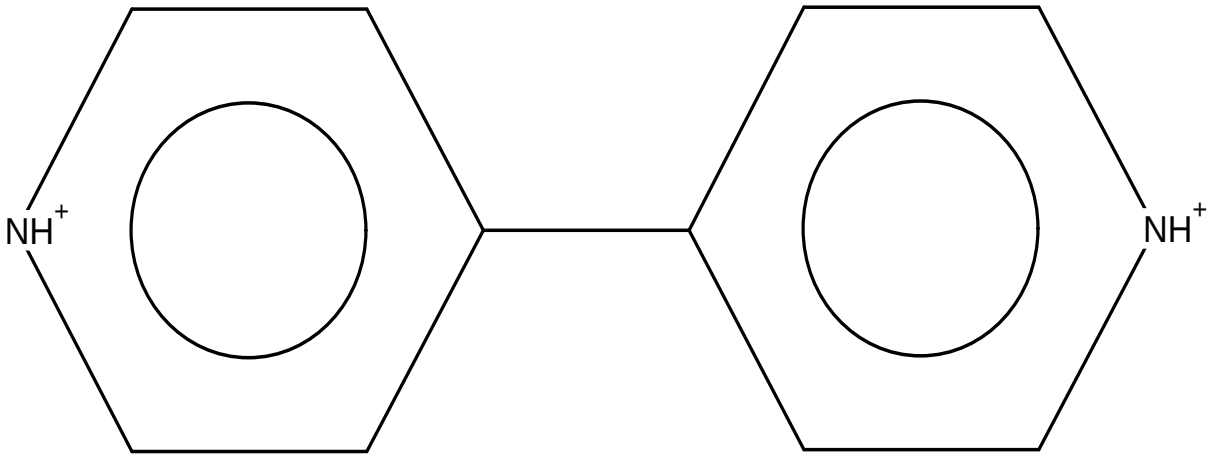
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

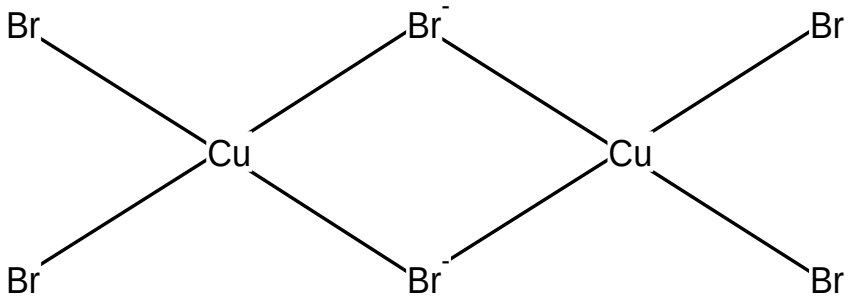
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-bromo)-tetrabromo-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	4.072(0)	***b*** 10.230(1)	***c***	10.957(2)
Space Group No.:	2	***(Å,°)***	α	113.90(0)	β 95.02(0)	γ	95.99(0)

R-Factor (%): 4.41 ***Temperature(K):*** 297 ***Density(g/cm^3):*** 3.092





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2800

XEHROS02

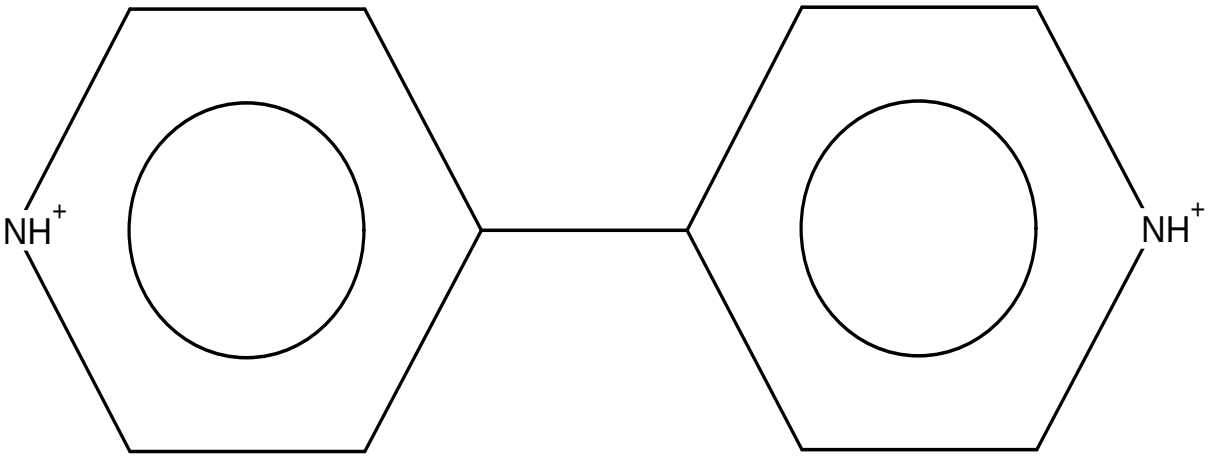
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

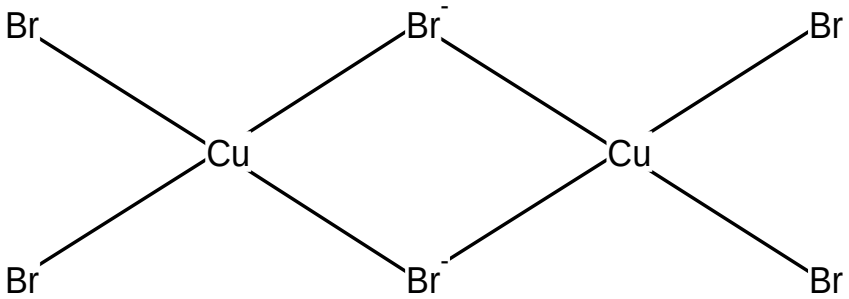
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-bromo)-tetrabromo-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	4.087(1)	***b*** 10.255(5)	***c***	10.996(4)
Space Group No.:	2	***(Å,°)***	α	113.95(3)	β 94.86(3)	γ	95.90(3)

R-Factor (%): 11.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 3.061





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2801

XEHROS03

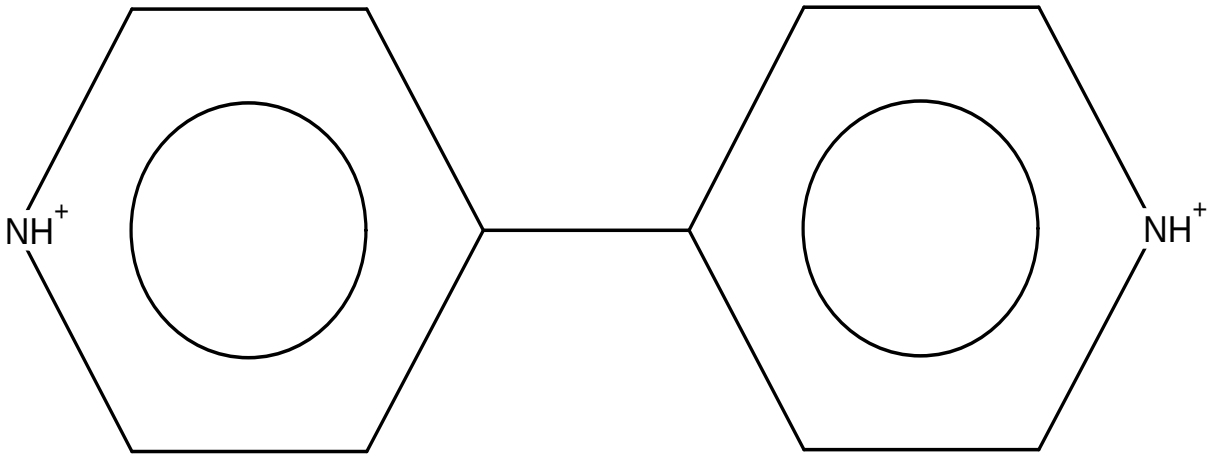
Reference: R.D.Willett, R.E.Butcher, C.P.Landee, B.Twamley (2006) *Polyhedron ,***25,**2093

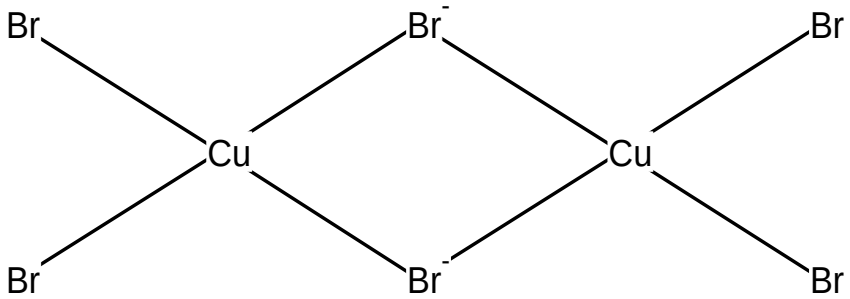
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_6\,Cu_2\,^{2-}$

Compound Name: (4,4'-bipyridinium) bis(μ_2-bromo)-tetrabromo-di-copper(ii)

Space Group:	P-1	***Cell:***	***a***	4.042(0)	***b*** 10.183(1)	***c***	10.883(1)
Space Group No.:	2	***(Å,°)***	α	113.84(0)	β 95.06(0)	γ	96.05(0)

R-Factor (%): 3.21 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 3.150





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2802

XEJDEV

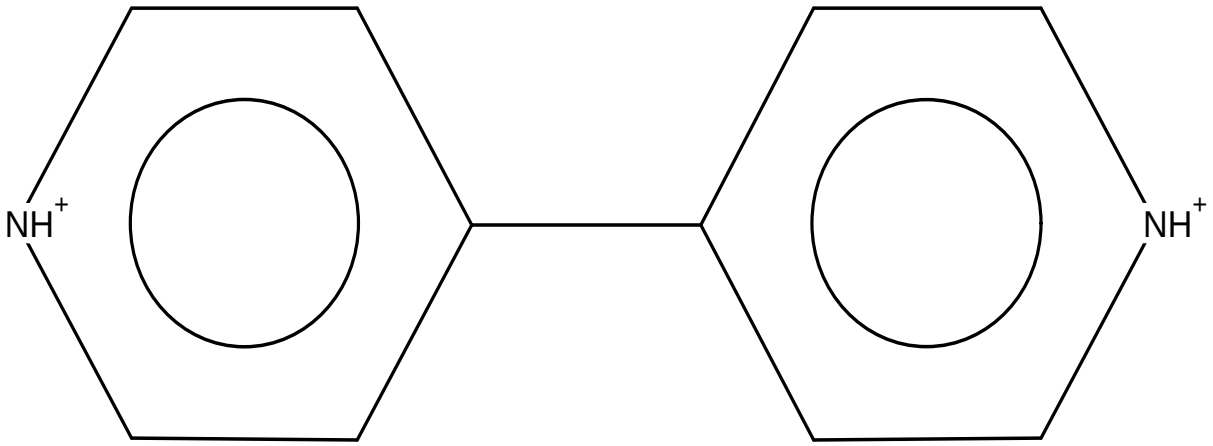
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

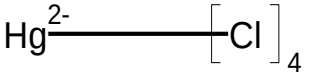
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Hg_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloro-mercury

Space Group:	P21/c	***Cell:***	***a***	7.763(1)	***b*** 20.270(3)	***c***	9.342(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.41(1)	γ	90.00

R-Factor (%): 2.76 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.371





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2803

XEJDUL

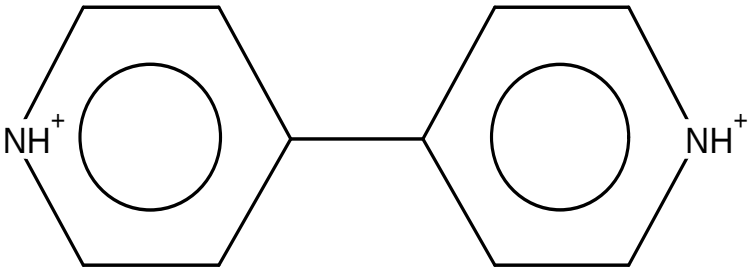
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

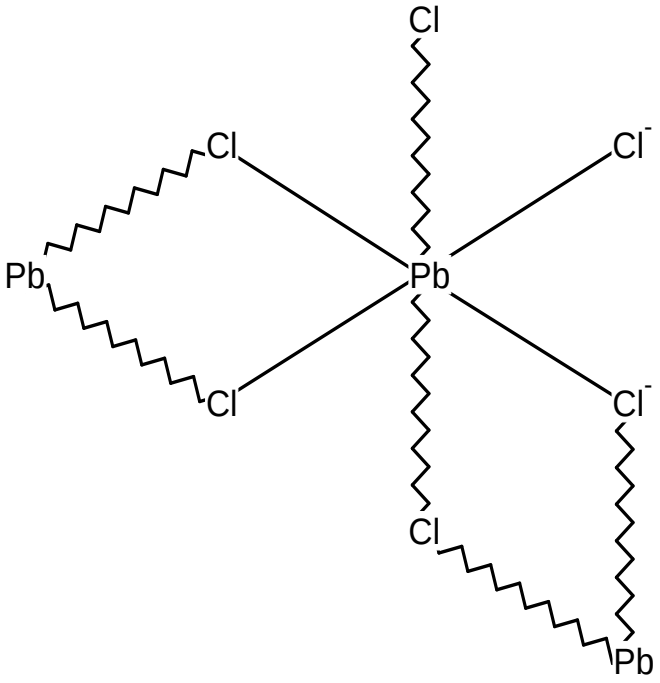
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Cl_4\ Pb_1\ ^{2-})$

Compound Name: catena-((4,4'-Bipyridinium) tris(μ_2-chloro)-chloro-lead)

Space Group:	C2/c	***Cell:***	***a***	13.012(3)	***b*** 16.458(3)	***c***	7.392(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 120.00(1)	γ	90.00

R-Factor (%): 2.80 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.457





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2804

XEJFAT

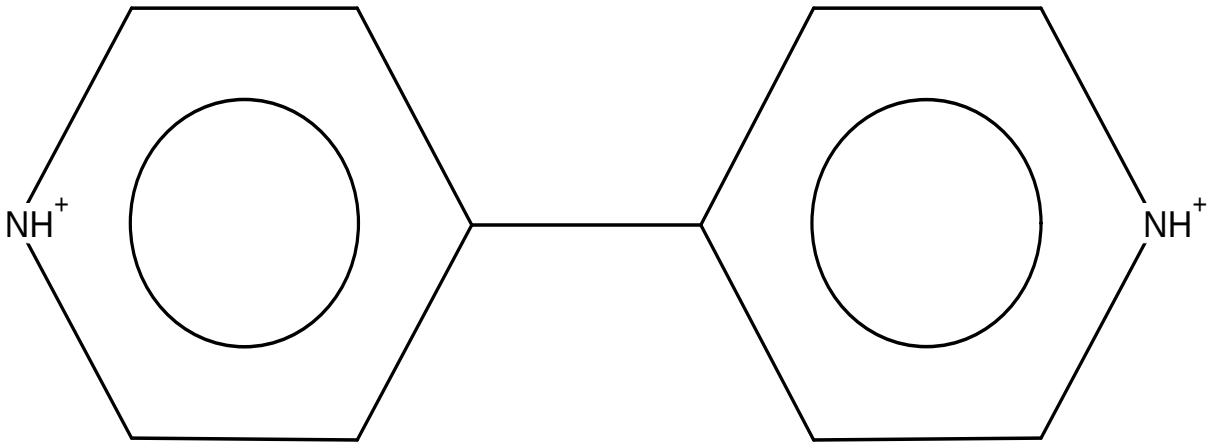
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

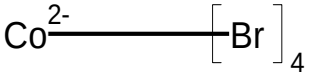
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_4\,Co_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrabromo-cobalt

Space Group:	P21/c	***Cell:***	***a***	7.821(0)	***b*** 20.621(2)	***c***	9.692(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.80(0)	γ	90.00

R-Factor (%): 3.64 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.396





Search: search1 (Thu May 26 10:05:42 2011): Hit 2805

XEJFAU

Reference: I.Vlahou, N.Kourkoumelis, A.Michaelides, S.Skoulika, J.C.Plakatouras (2006) *Inorg.Chim.Acta* ,**359,**3540

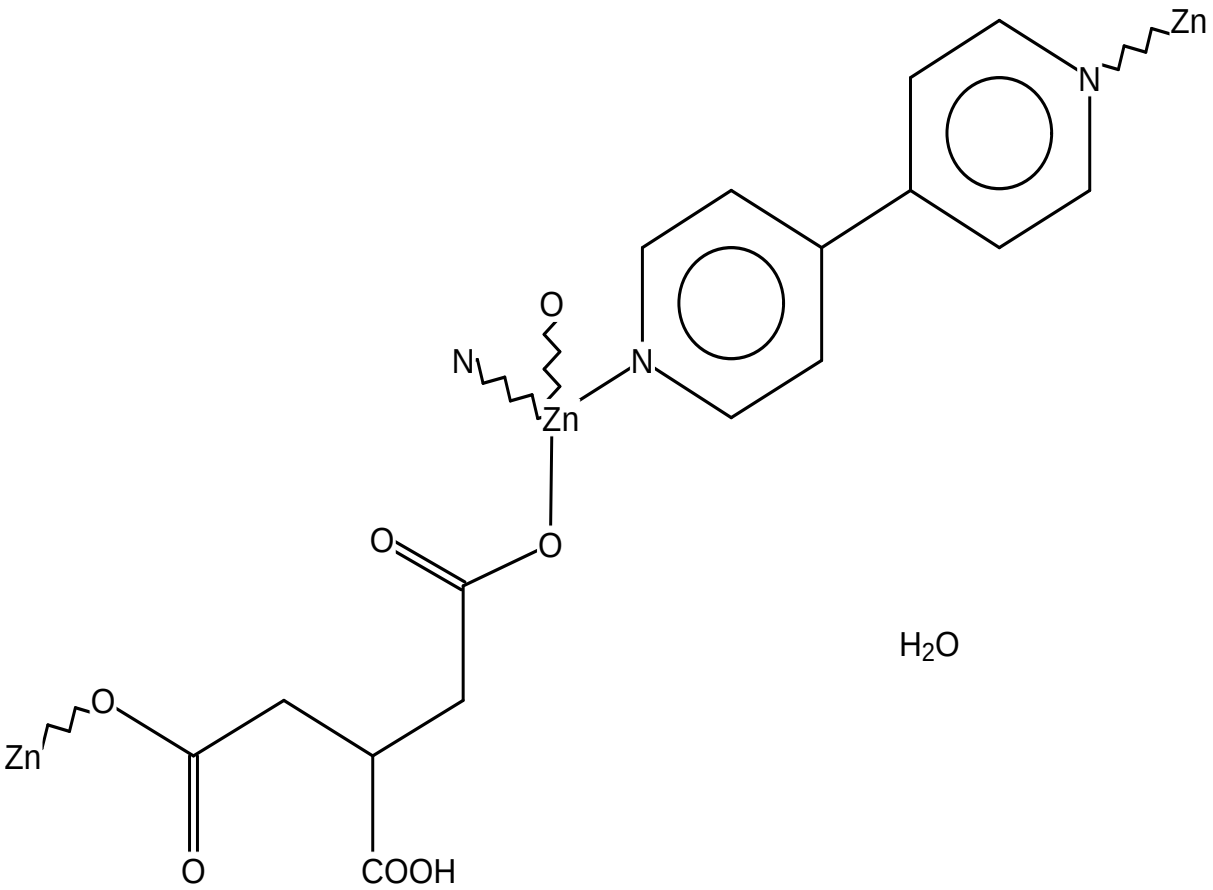
Formula: $(C_{16}\ H_{14}\ N_2\ O_6\ Zn_1)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-tricarballylato)-zinc trihydrate)

Synonym: catena-((μ_2-4,4'-Bipyridine)-(μ_2-2-carboxy-1,3-propanedicarboxylato)-zinc trihydrate)

Space Group:	P21/n	***Cell:***	***a***	9.439(1)	***b*** 11.589(1)	***c***	17.494(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.60(1)	γ	90.00

R-Factor (%): 4.63 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.621



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2806

XEJFEX

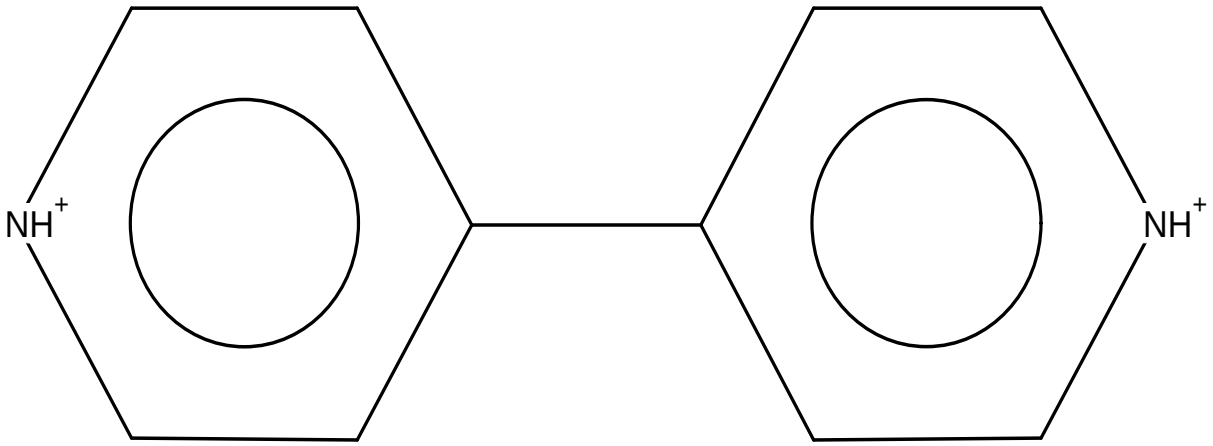
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

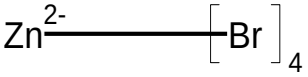
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_4\,Zn_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrabromo-zinc

Space Group:	P21/c	***Cell:***	***a***	7.803(0)	***b*** 20.594(2)	***c***	9.760(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.92(0)	γ	90.00

R-Factor (%): 3.22 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.418





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2807

XEJFIB

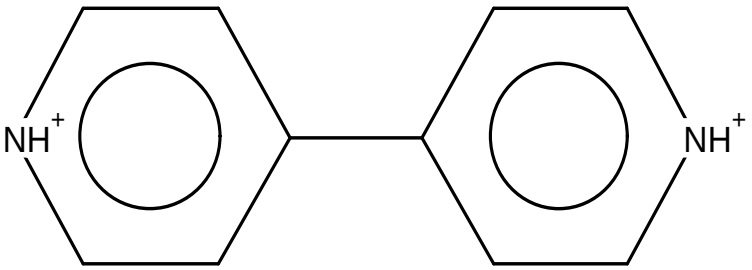
Reference: A.L.Gillon, G.R.Lewis, A.G.Orpen, S.Rotter, J.Starbuck, Xi-Meng Wang, Y.Rodriguez-Martin, C.Ruiz-Perez (2000) *J.Chem.Soc.,Dalton Trans.* ,3897

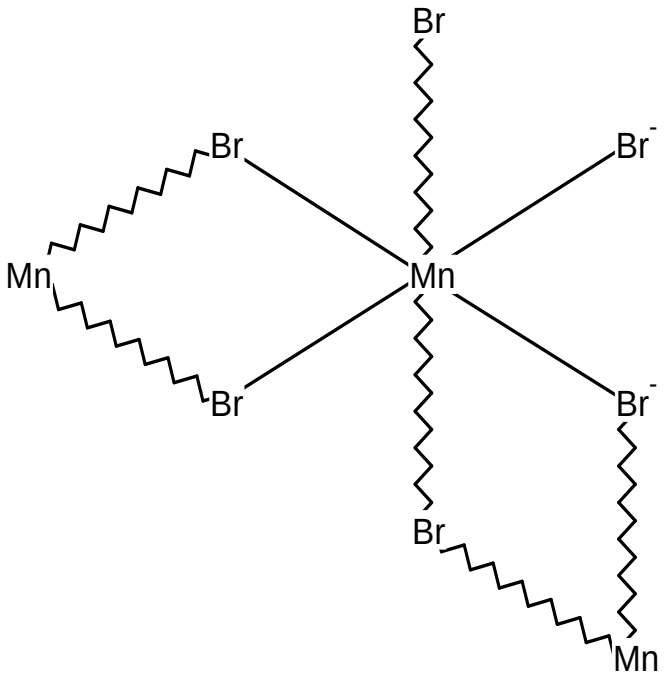
Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})n,n(Br_4\ Mn_1\ ^{2-})$

Compound Name: catena-(4,4'-Bipyridinium tris(μ_2-bromo)-bromo-manganese)

Space Group:	C2/c	***Cell:***	***a***	15.996(1)	***b*** 13.148(1)	***c***	7.131(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.99(0)	γ	90.00

R-Factor (%): 2.68 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.604





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2808

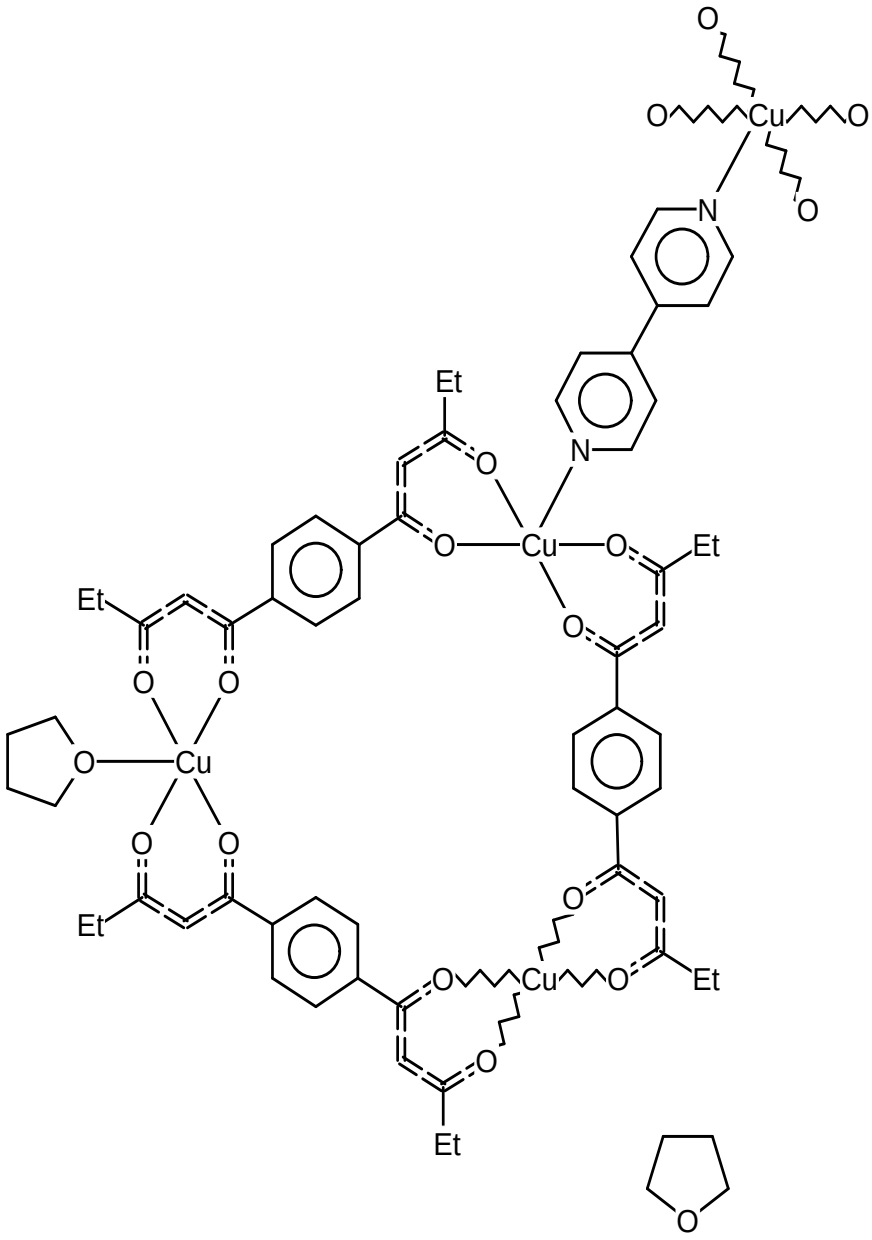
XEJRUA

Reference: J.K.Clegg, L.F.Lindoy, J.C.McMurtrie, D.Schilter (2006)
Dalton Trans. ,3114

Formula: $(C_{62}\ H_{64}\ Cu_3\ N_2\ O_{13})n,2.75n(C_4\ H_8\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-tris(μ_2-1,1-(1,4-phenylene) bis(pentane-1,3-dionato)-O,O',O'',O''')-tetrahydrofuran-tri-copper(ii) tetrahydrofuran solvate)

Space Group:	P-1	***Cell:***	***a*** 15.008(1)	***b*** 15.859(1)	***c*** 17.910(2)
Space Group No.:	2	***(Å,°)***	α 112.60(0)	β 103.55(0)	γ 101.52(0)
R-Factor (%):	6.53	***Temperature(K):***	150	***Density(g/cm^3):***	1.315



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2809

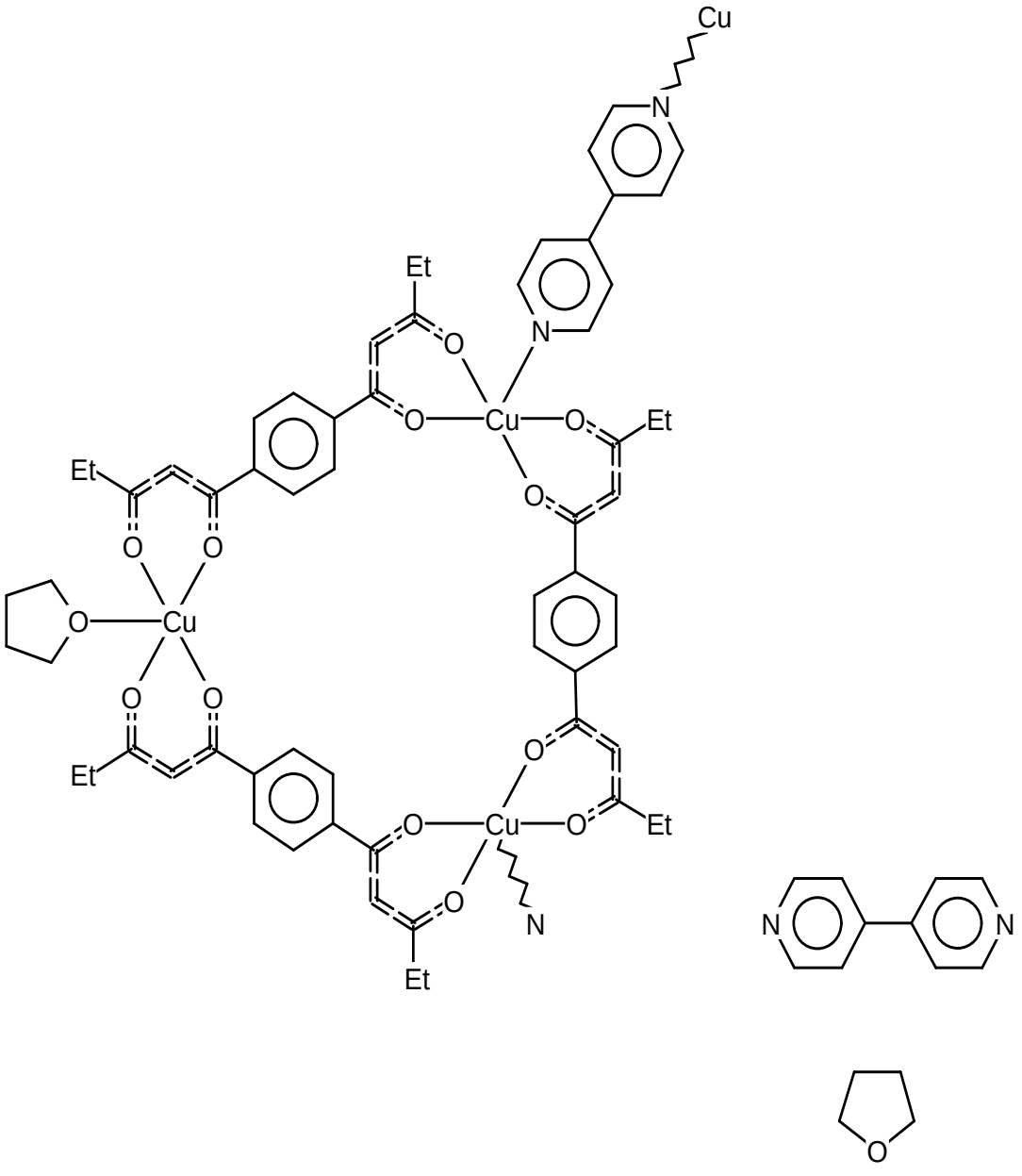
XEJSAH

Reference: J.K.Clegg, L.F.Lindoy, J.C.McMurtrie, D.Schilter (2006)
Dalton Trans. ,3114

Formula: $(C_{62}\ H_{64}\ Cu_3\ N_2\ O_{13})n,n(C_{10}\ H_8\ N_2),0.75n(C_4\ H_8\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N')-tris(μ_2-1,1-(1,4-phenylene)bis(pentane-1,3-dionato)-O,O',O'',O''')-tetrahydrofuran-tri-copper(ii) 4,4'-bipyridine tetrahydrofuran solvate)

Space Group:	P-1	***Cell:***	***a***	14.001(1)	***b***	14.134(1)	***c***	18.328(2)
Space Group No.:	2	***(Å,°)***	α	72.26(0)	β	88.50(0)	γ	83.08(0)
R-Factor (%):	5.37	***Temperature(K):***	150	***Density(g/cm^3):***	1.401			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2810

XEJVOY

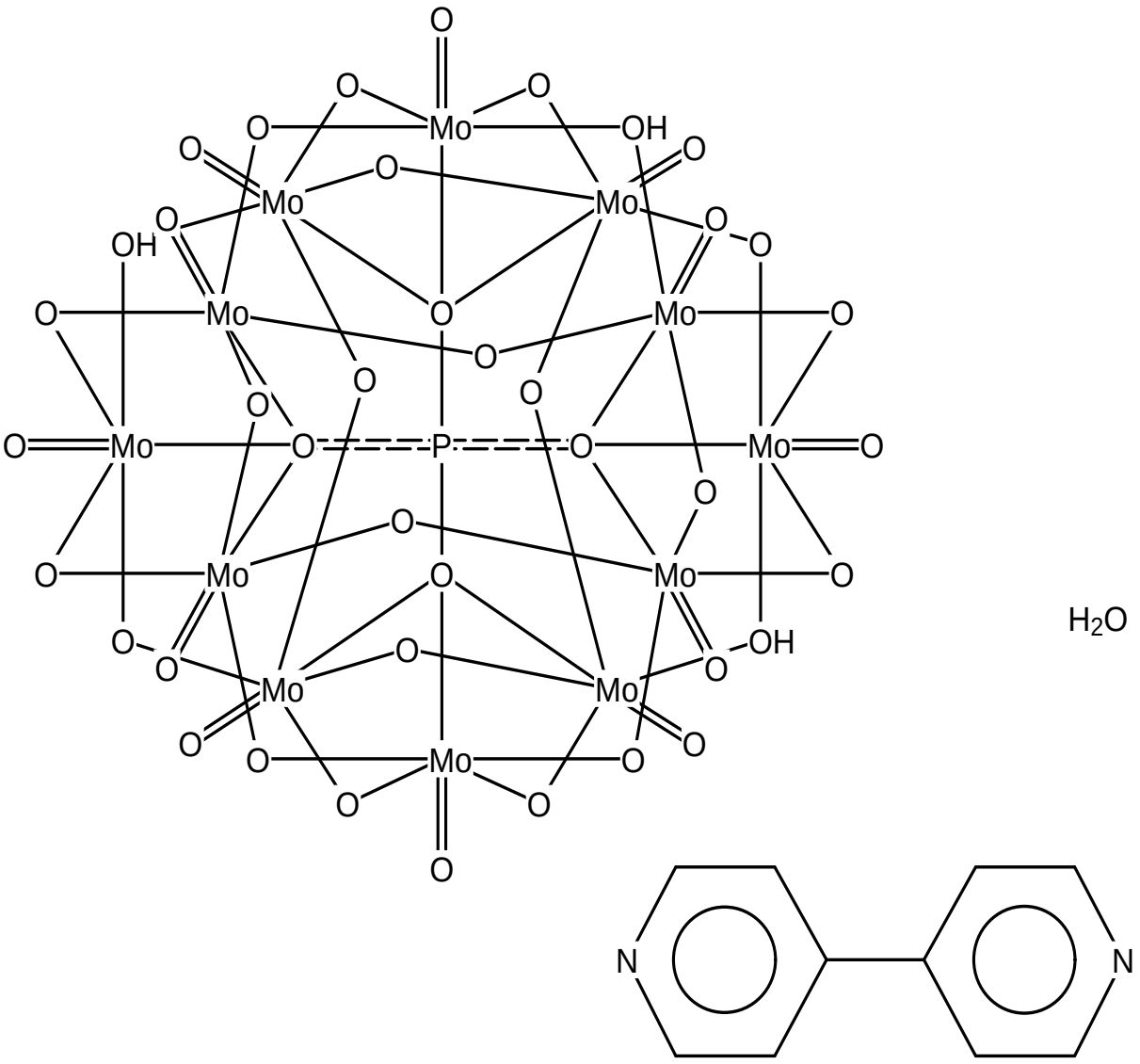
Reference: Ting-Yan Lan, Jian-Xin Chen, Xiu-Qing Lu, Yuan-Biao Huang, Zhong-Shui Li, Chun-Xia Wei, Zhi-Chun Zhang (2006) *Struct.Chem. ,***17,**35

Formula: $H_3\ Mo_{12}\ O_{40}\ P_1,3(C_{10}\ H_8\ N_2),4(H_2\ O_1)$

Compound Name: (μ_{12}-Phosphato)-tris(μ_2-hydroxo)-henicosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum(vi) tris(4,4'-bipyridine) tetrahydrate

Space Group:	C2/c	***Cell:***	***a***	15.279(1)	***b*** 18.154(1)	***c***	21.201(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 103.58(0)	γ	90.00

R-Factor (%): 3.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.749



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2811

XELYAO

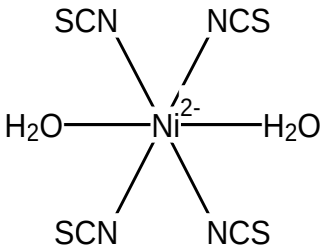
Reference: Hong-Ji Chen, Ming-Liang Tong, Xiao-Ming Chen (2001) *Inorg.Chem.Commun.* ,**4,**76

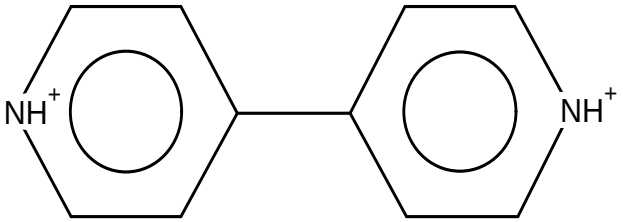
Formula: $C_4\ H_4\ N_4\ Ni_1\ O_2\ S_4\ ^{2-}$,2($C_{10}\ H_{10}\ N_2\ ^{2+}$),2($N_1\ O_3\ ^{1-}$)

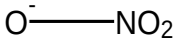
Compound Name: bis(Pyrimidinium) diaqua-tetraisothiocyanato-nickel(ii) dinitrate

Space Group:	P21/c	***Cell:***	***a***	7.720(2)	***b***	10.397(3)	***c***	20.372(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.83(1)	γ	90.00

R-Factor (%): 4.05 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.567







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2812

XEMZIY

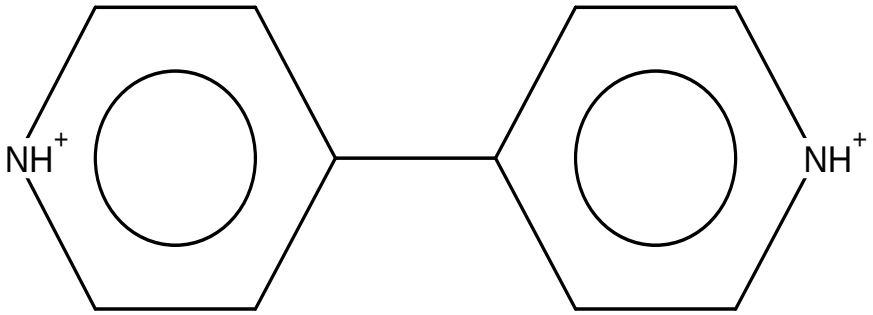
Reference: B.Dolling, A.L.Gillon, A.G.Orpen, J.Starbuck, Xi-Meng Wang (2001) *Chem.Commun.* ,567

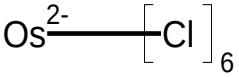
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Os_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium hexachloro-osmium

Space Group:	Ibam	***Cell:***	***a***	7.360(1)	***b***	12.818(1)	***c***	15.606(2)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.37 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.531





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2813

XEMZOE

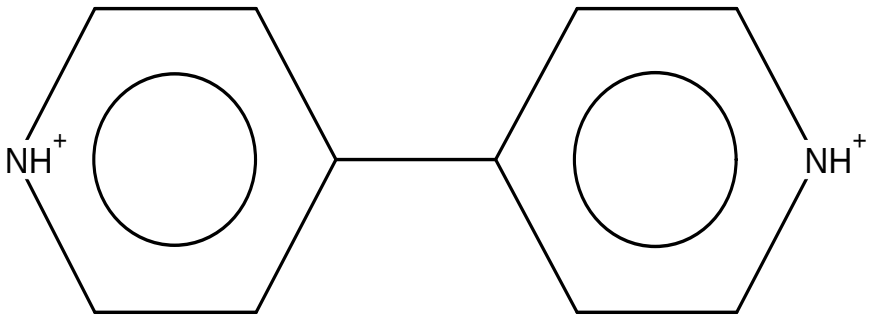
Reference: B.Dolling, A.L.Gillon, A.G.Orpen, J.Starbuck, Xi-Meng Wang (2001) *Chem.Commun.* ,567

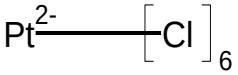
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_6\,Pt_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium hexachloro-platinum

Space Group:	Ibam	***Cell:***	***a***	7.476(1)	***b*** 12.837(2)	***c***	15.362(2)
Space Group No.:	72	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 1.69 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.550





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2814

XEMZUK

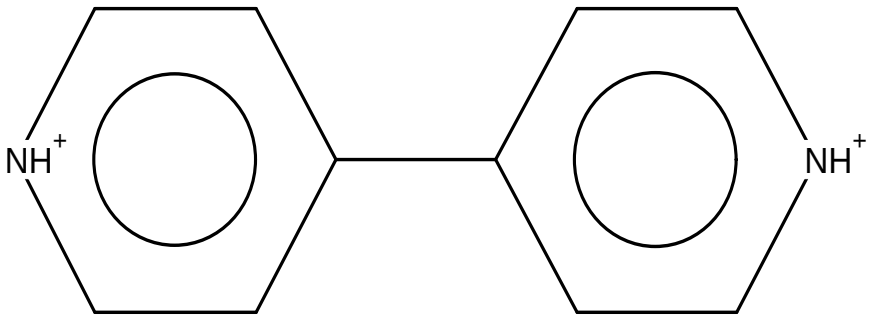
Reference: B.Dolling, A.L.Gillon, A.G.Orpen, J.Starbuck, Xi-Meng Wang (2001) *Chem.Commun.* ,567

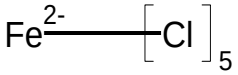
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_5\,Fe_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium pentachloro-iron

Space Group:	Ama2	***Cell:***	***a***	16.651(2)	***b*** 11.682(1)	***c***	7.276(1)
Space Group No.:	40	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 2.86 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.836





Search: search1 (Thu May 26 10:05:42 2011): Hit 2815

XENCUO

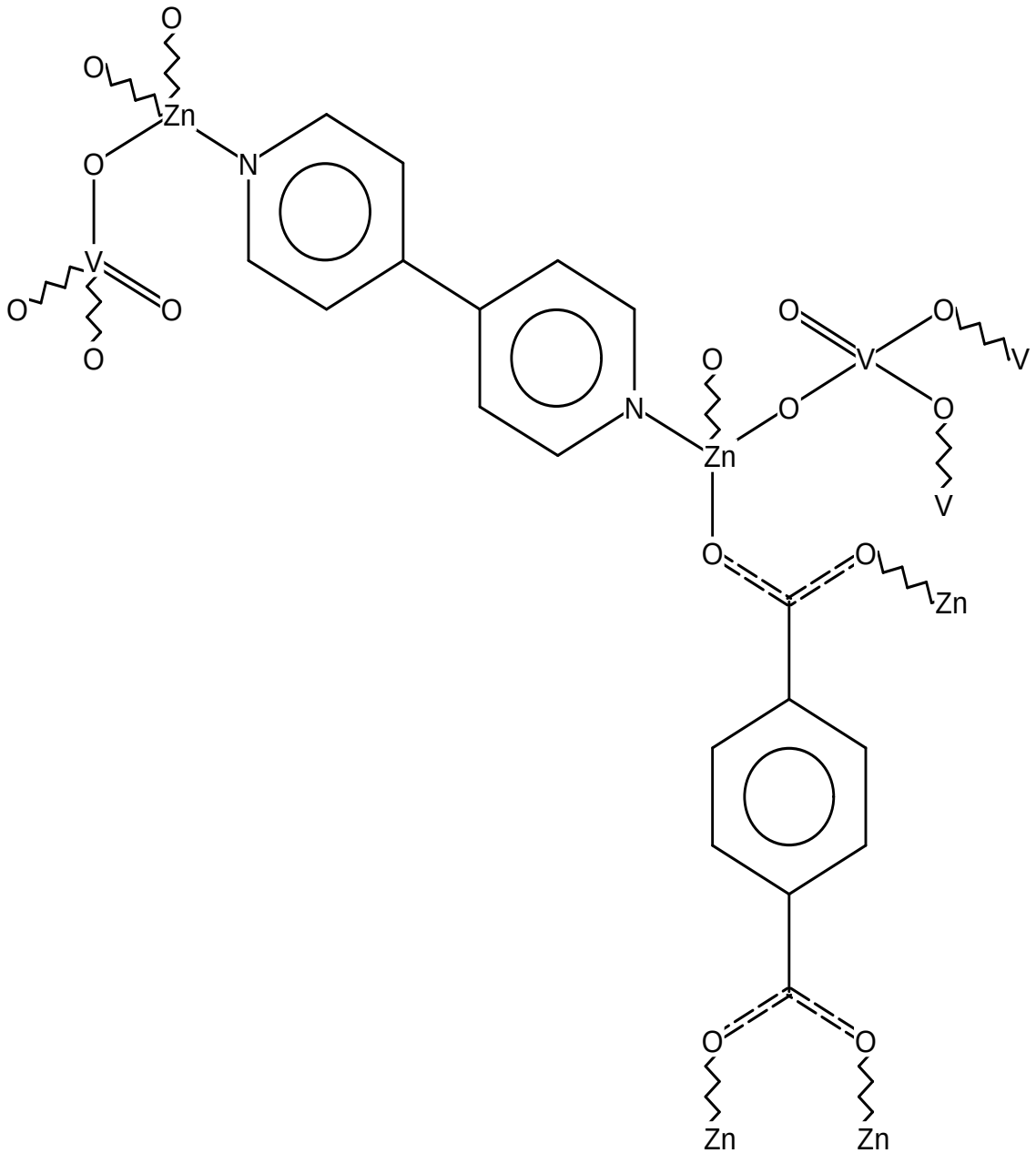
Reference: Jun Tao, Xian-Ming Zhang, Ming-Liang Tong, Xiao-Ming Chen (2001) *J.Chem.Soc.,Dalton Trans.* ,770

Formula: $(C_{18}\ H_{12}\ N_2\ O_{10}\ V_2\ Zn_2)n$

Compound Name: catena-((μ_4-Terephthalato)-(μ_2-4,4'-bipyridine)-tetrakis(μ_2-oxo)-dioxo-di-vanadium-di-zinc)

Space Group:	P-1	***Cell:***	***a***	10.537(6)	***b***	10.760(6)	***c***	11.272(8)
Space Group No.:	2	***(Å,°)***	α	80.66(1)	β	63.27(2)	γ	63.86(1)

R-Factor (%): 4.73 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.105



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2816

XEPHIK

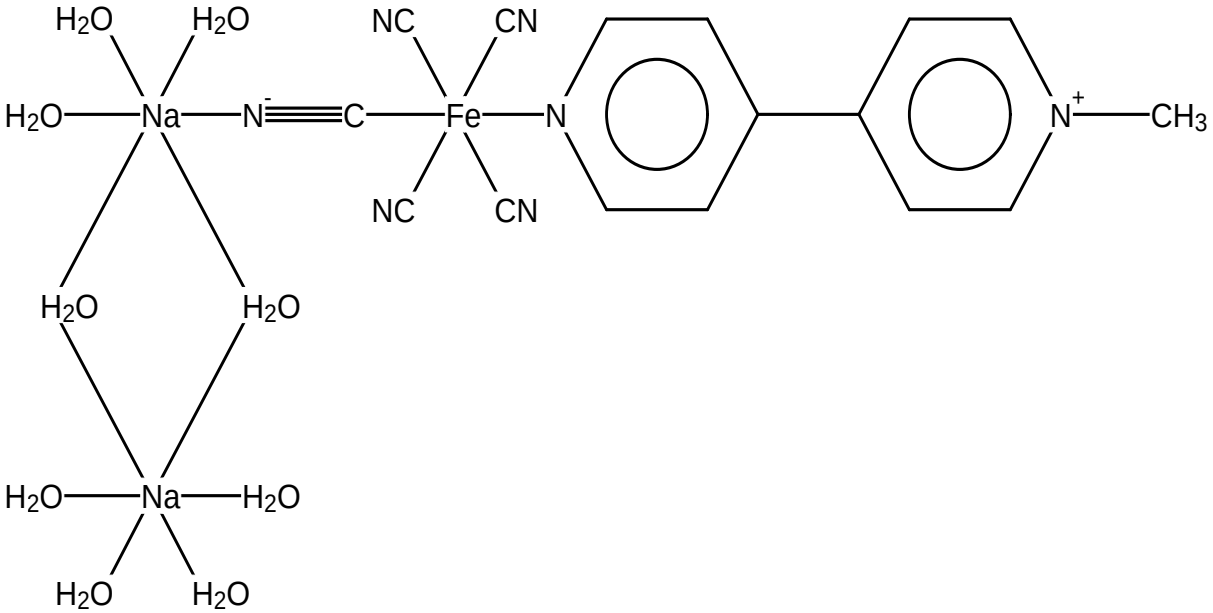
Reference: B.J.Coe, J.L.Harries, M.Helliwell, L.A.Jones, I.Asselberghs, K.Clays, B.S.Brunschwig, J.A.Harris, J.Garin, J.Orduna (2006) *J.Am.Chem.Soc.* ,**128,**12192

Formula: $C_{16}\ H_{29}\ Fe_1\ N_7\ Na_2\ O_9$

Compound Name: bis(μ_2-Aqua)-(μ_2-cyano)-(1-methyl-4,4'-bipyridin-1-ium)-tetracyano-heptaaqua-iron(ii)-di-sodium

Space Group:	P-1	***Cell:***	***a***	8.576(1)	***b***	8.983(1)	***c*** 17.030(2)
Space Group No.:	2	***(Å,°)***	α	100.83(0)	β	95.08(0)	γ 99.41(0)

R-Factor (%): 2.92 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.488



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2817

XEQTAP

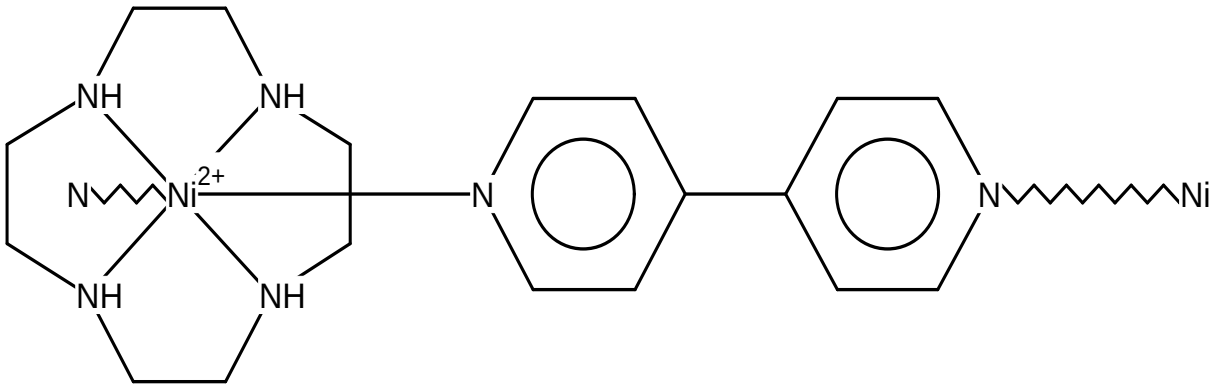
Reference: Zhihui Zhang, Yanchun Lu, Jianhua Guo (2006)
J.Chem.Cryst. ,**36,**543

Formula: $(C_{18}\ H_{28}\ N_6\ Ni_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-(1,4,7,10-tetra-azadodecane)-nickel(ii) diperchlorate)

Space Group:	C2/c	***Cell:***	***a***	10.534(1)	***b*** 14.565(2)	***c***	16.131(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.80(0)	γ	90.00

R-Factor (%): 4.41 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.613



ClO_4^-

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2818

XERLIP

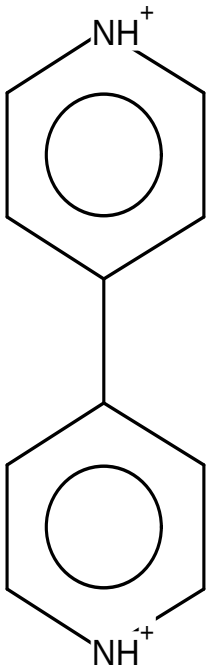
Reference: G.Alonzo, F.Benetollo, N.Bertazzi, G.Bombieri (1999) *J.Chem.Cryst.* ,**29,**913

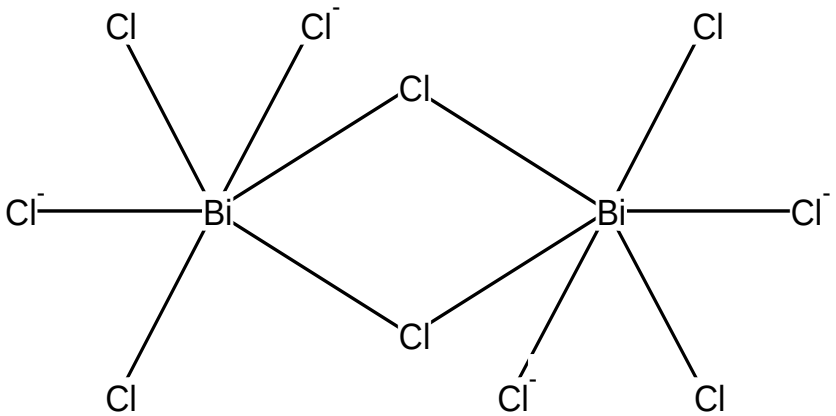
Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),Bi_2\ Cl_{10}\ ^{4-}$

Compound Name: bis(4,4-Bipyridinium) bis((μ$_2$-chloro)-tetrachloro-bismuthate(iii))

Space Group:	P-1	***Cell:***	***a***	9.776(3)	***b*** 11.009(3)	***c***	8.346(1)
Space Group No.:	2	***(Å,°)***	α	101.58(2)	β 98.63(2)	γ	112.86(2)

R-Factor (%): 3.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.305





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2819

XERVIA

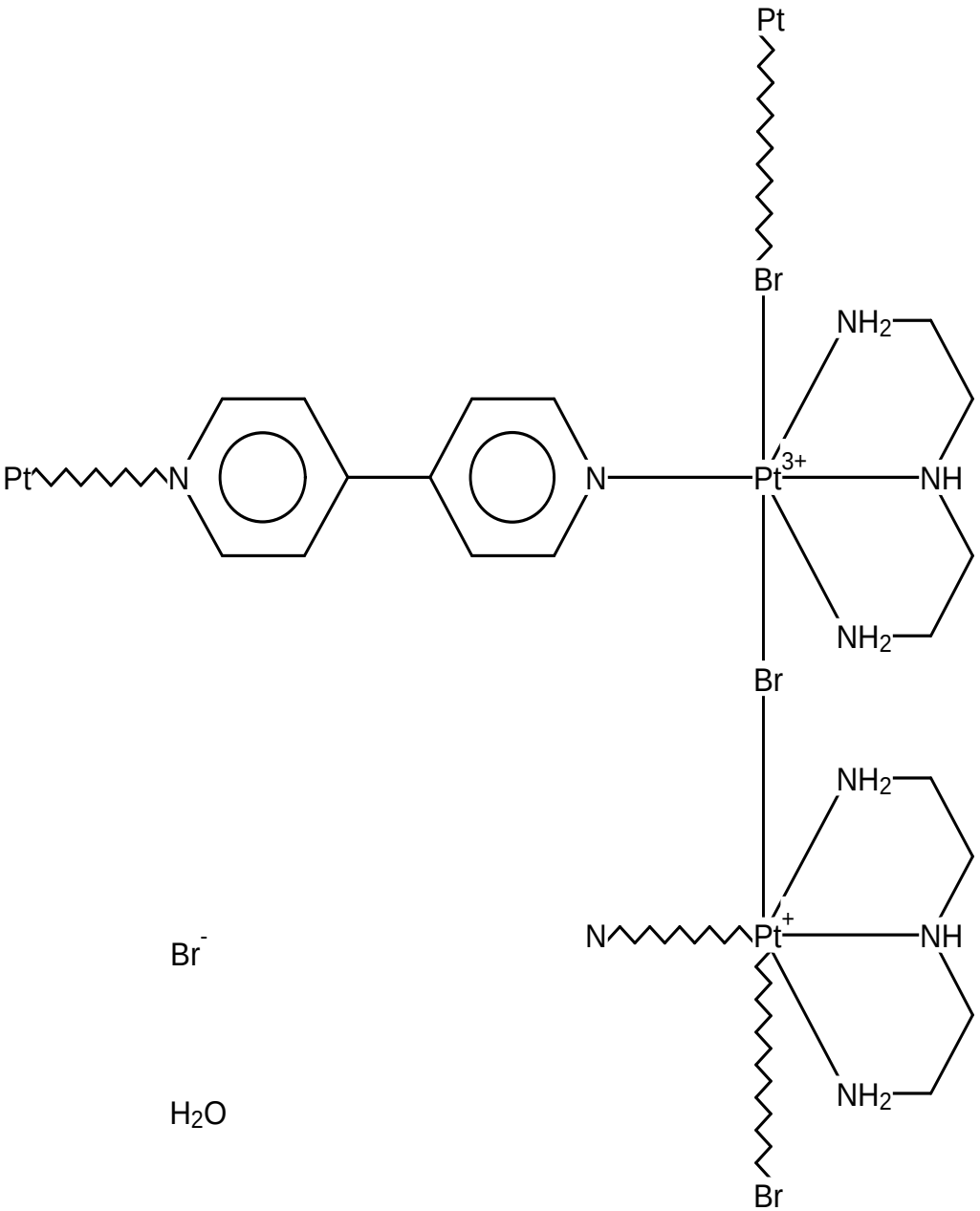
Reference: A.Kobayashi, H.Kitagawa (2006) *J.Am.Chem.Soc.* ,**128,** 12066

Formula: $(C_{18}\ H_{34}\ Br_2\ N_8\ Pt_2\ ^{4+})n,4n(Br_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-Bromo)-(μ_2-4,4'-bipyridyl)-bis(N,N-bis(2-aminoethyl) amine)-platinum(ii)-platinum(iv) tetrabromide dihydrate)

Space Group:	P21/n	***Cell:***	***a***	8.765(0)	***b***	33.821(2)	***c***	10.932(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.12(0)	γ	90.00

R-Factor (%): 6.85 ***Temperature(K):*** 140 ***Density(g/cm^3):*** 2.601



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2820

XETCOP

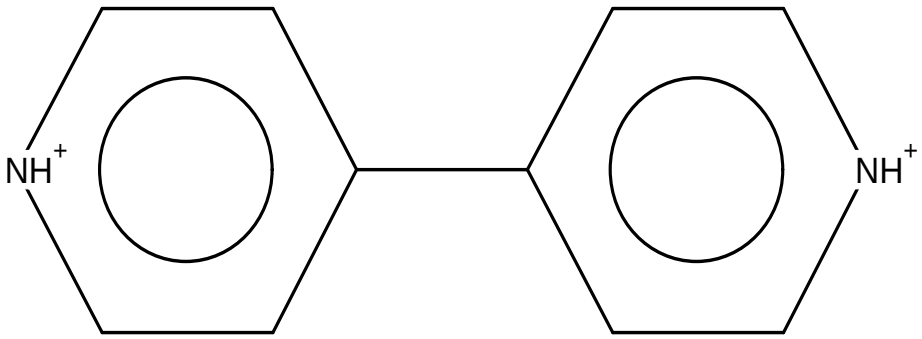
Reference: Wen-Tong Chen, Xi-Rui Zeng, Xiao-Niu Fang, Xin-Fa Li, Han-Mao Kuang (2006)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**62,**m571

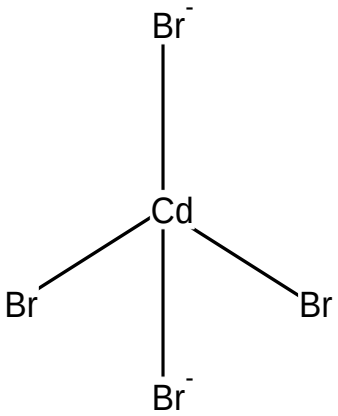
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Br_4\,Cd_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrabromo-cadmate(ii)

Space Group:	P21/c	***Cell:***	***a***	7.852(2)	***b*** 20.795(2)	***c***	9.987(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.68(0)	γ	90.00

R-Factor (%): 5.14 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.510





Search: search1 (Thu May 26 10:05:42 2011): Hit 2821

XETGUZ

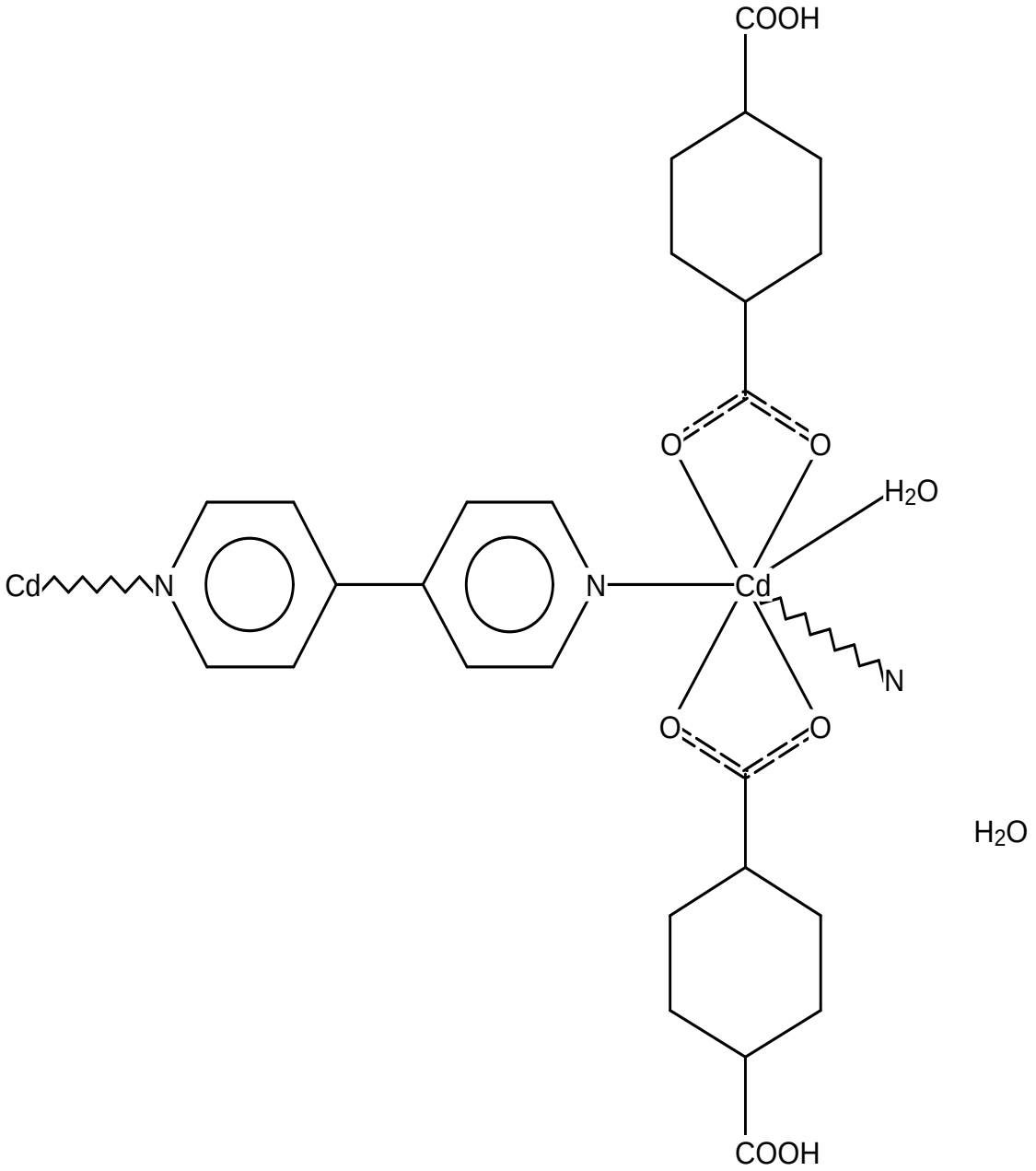
Reference: E Yang, Rong-Qiang Zhuang, Jian-Xin Chen (2006)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**62,**m612

Formula: $(C_{26}\ H_{32}\ Cd_1\ N_2\ O_9)n,n(H_2\ O_1)$

Compound Name: catena-(cis-(μ_2-4,4'-Bipyridine)-aqua-bis(4-carboxycyclohexane-1-carboxylato)-cadmium(ii) monohydrate)

Space Group:	Pbcn	***Cell:***	***a***	11.645(0)	***b***	15.149(0)	***c***	15.194(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	2.21	***Temperature(K):***	130	***Density(g/cm^3):***	1.603



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2822

XETSAR

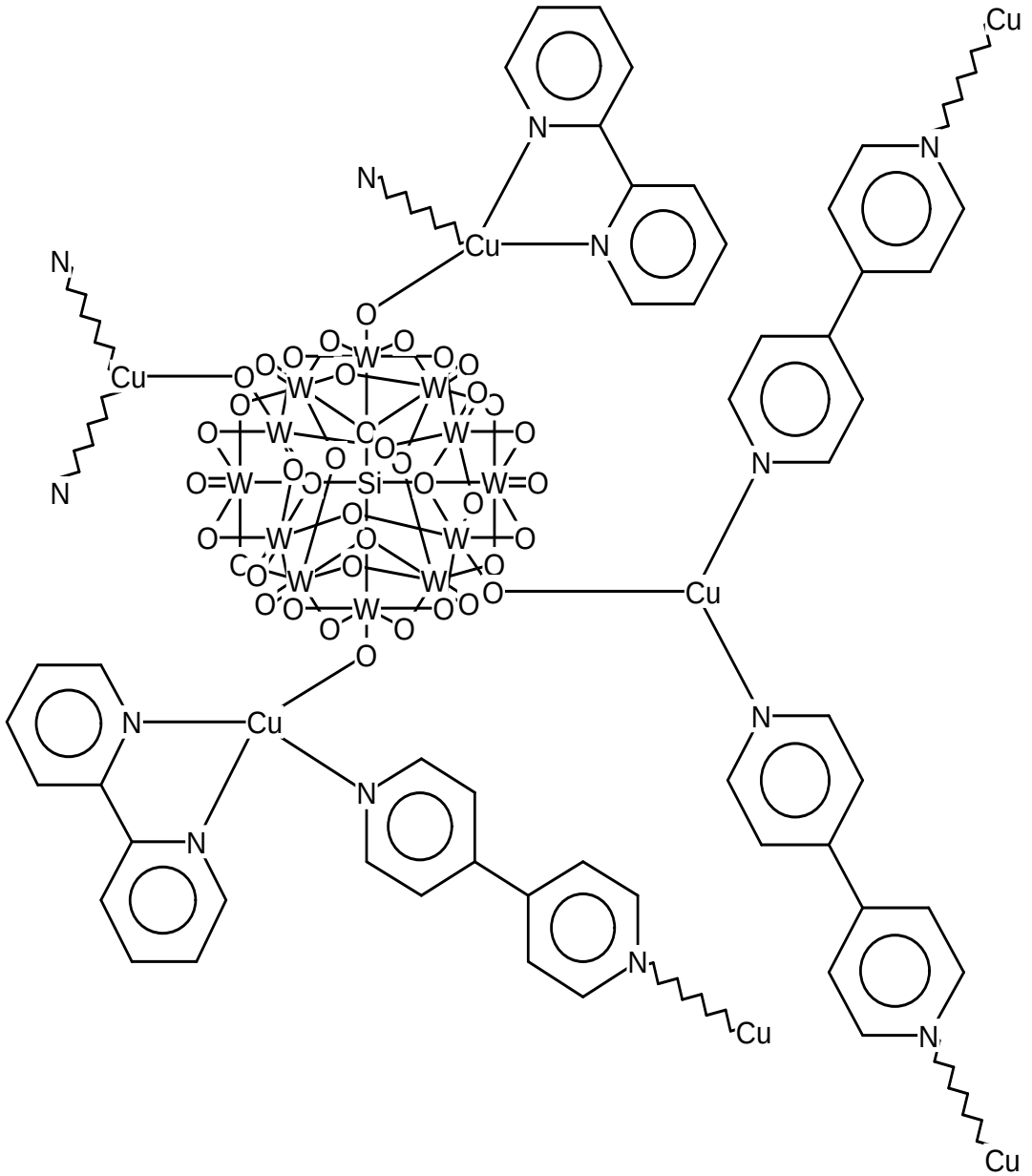
Reference: Hua Jin, Yanfei Qi, Enbo Wang, Yangguang Li, Xinlong Wang, Chao Qin, Song Chang (2006) *Cryst.Growth Des. ,***6,** 2693

Formula: $(C_{50}\ H_{40}\ Cu_4\ N_{10}\ O_{40}\ Si_1\ W_{12})n$

Compound Name: catena-((μ_{12}-Silicato)-tris(μ_2-4,4'-bipyridine-N,N')-octacosakis(μ_2-oxo)-bis(2,2'-bipyridine-N,N')-octaoxo-tetra-copper(i)-dodeca-tungsten)

Space Group:	P-1	***Cell:***	***a***	10.929(2)	***b***	13.615(3)	***c***	13.843(3)
Space Group No.:	2	***(Å,°)***	α	109.90(3)	β	102.97(3)	γ	98.53(3)

R-Factor (%):	6.41	***Temperature(K):***	293	***Density(g/cm3):***	3.548



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2823

XETSEV

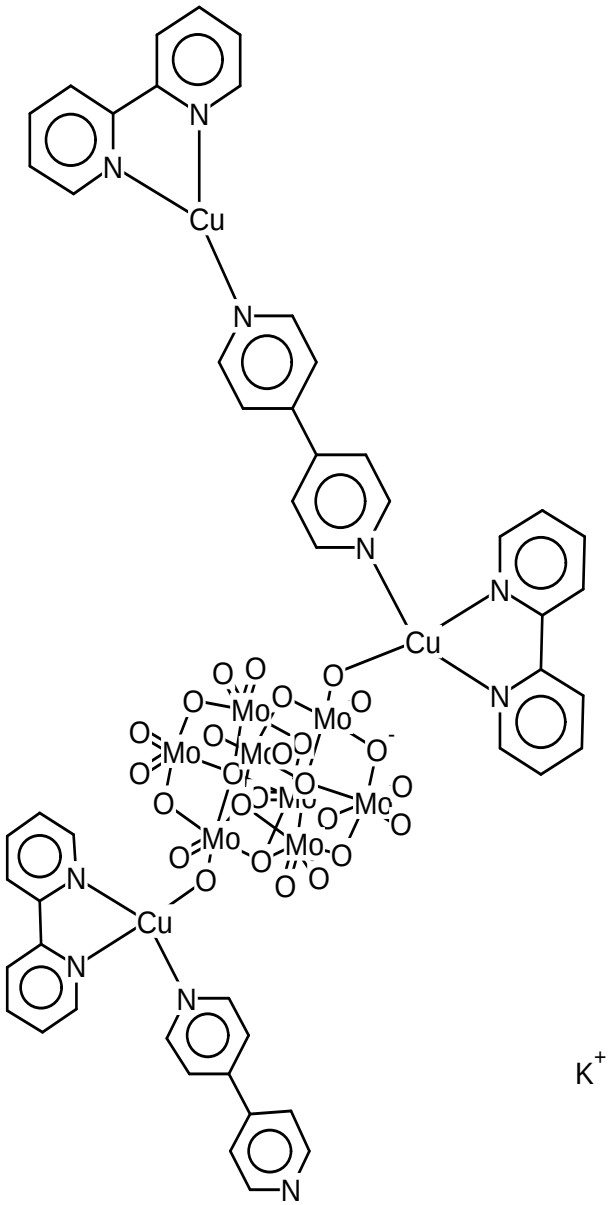
Reference: Hua Jin, Yanfei Qi, Enbo Wang, Yangguang Li, Xinlong Wang, Chao Qin, Song Chang (2006) *Cryst.Growth Des. ,***6,** 2693

Formula: $K_1\ ^{1+}, C_{50}\ H_{40}\ Cu_3\ Mo_8\ N_{10}\ O_{26}\ ^{1-}$

Compound Name: Potassium bis(μ_5-oxo)-tetrakis(μ_3-oxo)-(μ_2-4,4'-bipyridine-N,N')-octakis(μ_2-oxo)-tris(2,2'-bipyridine-N,N')-(4,4'-bipyridine-N)-dodecaoxo-tri-copper(i)-octa-molybdenum

Space Group:	P-1	***Cell:***	***a***	10.072(2)	***b***	13.420(3)	***c***	13.568(3)
Space Group No.:	2	***(Å,°)***	α	87.78(3)	β	70.07(3)	γ	69.00(3)

R-Factor (%):	5.96	***Temperature(K):***	293	***Density(g/cm^3):***	2.274


N
N
Cu
N
N
Cu
N
O
O
O
O
Mo
Mo
O
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2824

XETSIZ

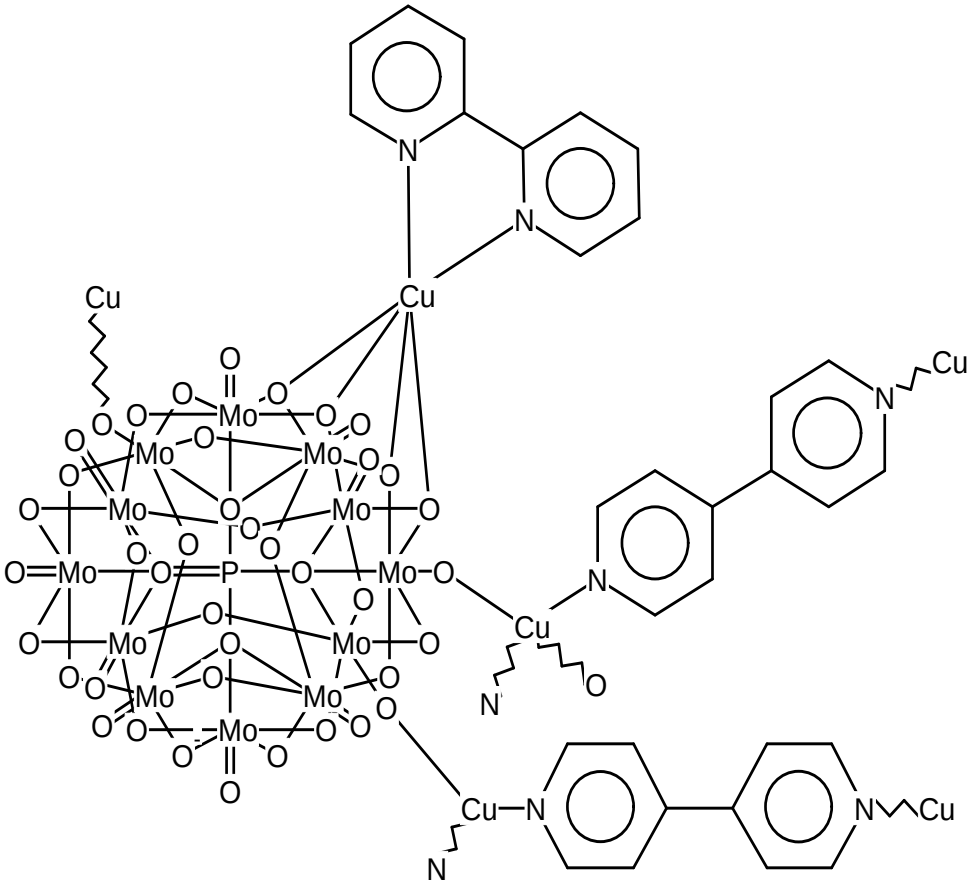
Reference: Hua Jin, Yanfei Qi, Enbo Wang, Yangguang Li, Xinlong Wang, Chao Qin, Song Chang (2006) *Cryst.Growth Des. ,***6,** 2693

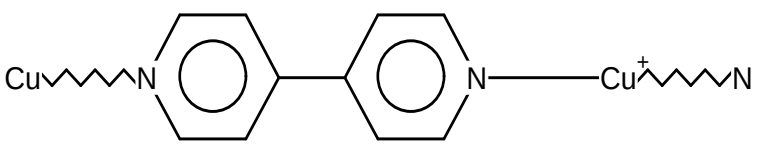
Formula: $(C_{30}\ H_{24}\ Cu_3\ Mo_{12}\ N_6\ O_{40}\ P_1\ ^{1-})n,n(C_{10}\ H_8\ Cu_1\ N_2\ ^{1+})$

Compound Name: catena-((μ$_2$-4,4'-Bipyridine-N,N')-copper(i) (μ$_{12}$-phosphato)-tetrakis(μ$_3$-oxo)-bis(μ$_2$-4,4'-bipyridine-N,N')-tricosakis(μ$_2$-oxo)-(2,2'-bipyridine-N,N')-nonaoxo-di-copper(i)-copper(ii)-di-molybdenum(v)-deca-molybdenum(vi))

Space Group:	P21	***Cell:***	***a***	10.941(2)	***b*** 21.255(4)	***c***	13.487(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β 100.21(3)	γ	90.00

R-Factor (%): 2.83 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.906





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2825

XEVREW

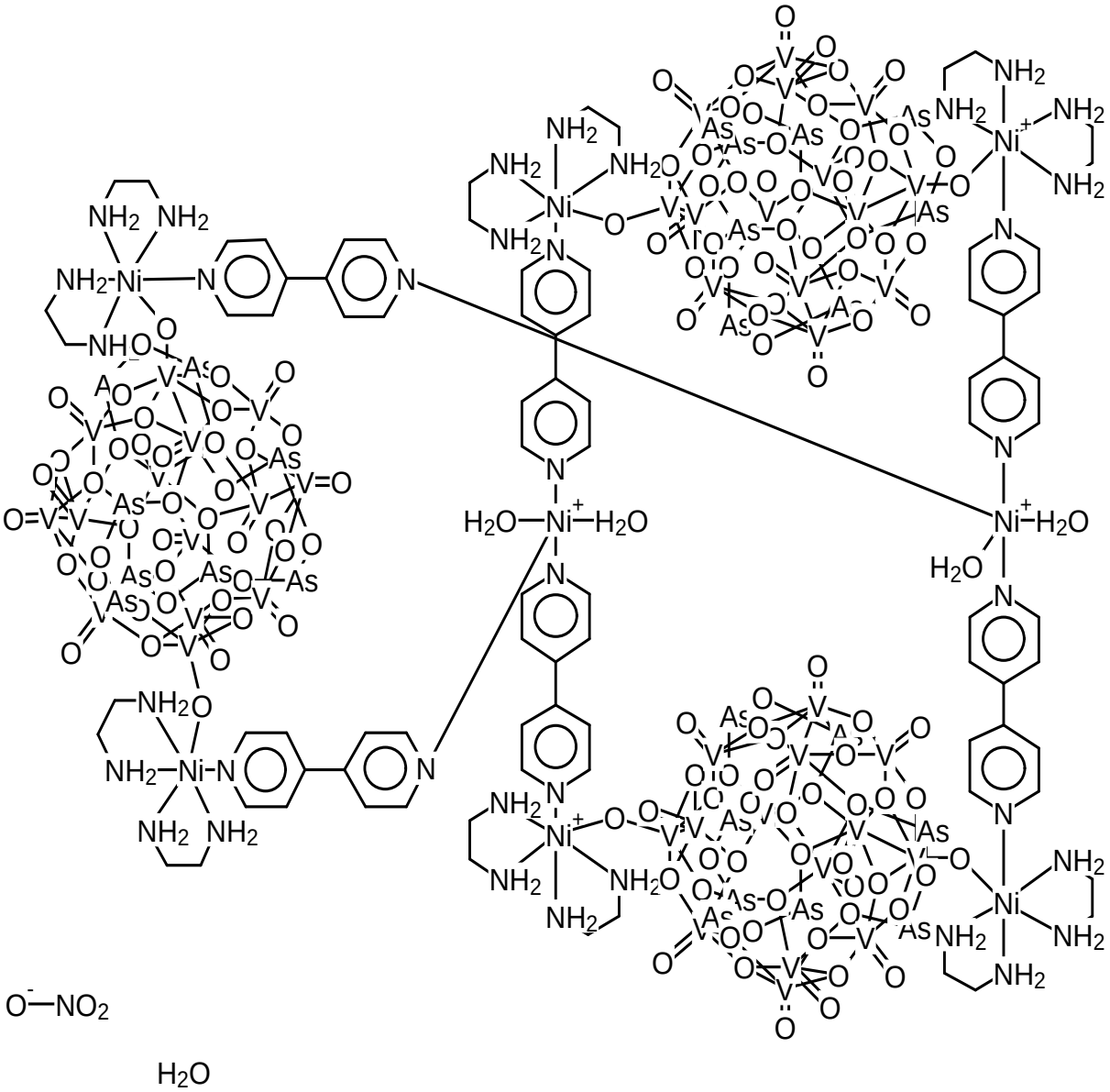
Reference: Yanfei Qi, Yangguang Li, Enbo Wang, Hua Jin, Zhiming Zhang, Xinglong Wang, Song Chang (2007) *J.Solid State Chem. ,***180,**382

Formula: $C_{84}\ H_{152}\ As_{24}\ N_{36}\ Ni_8\ O_{130}\ V_{42}\ ^{4+},4(N_1\ O_3\ ^{1-}),16(H_2\ O_1)$

Compound Name: hexadecakis(Diarsenato)-dotriacontakis(μ_3-oxo)-octakis((μ_2-oxo)-(μ_2-4,4'-bipyridine))-hexadecakis(ethylene-1,2-diamine)-octatetracontaoxo-deca-nickel-hexapentaconta-vanadium tetranitrate hexadecahydrate

Space Group:	I4/m	***Cell:***	***a***	27.507(4)	***b***	27.507(4)	***c***	22.101(4)
Space Group No.:	87	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.08 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.726



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2826

XEXJUG

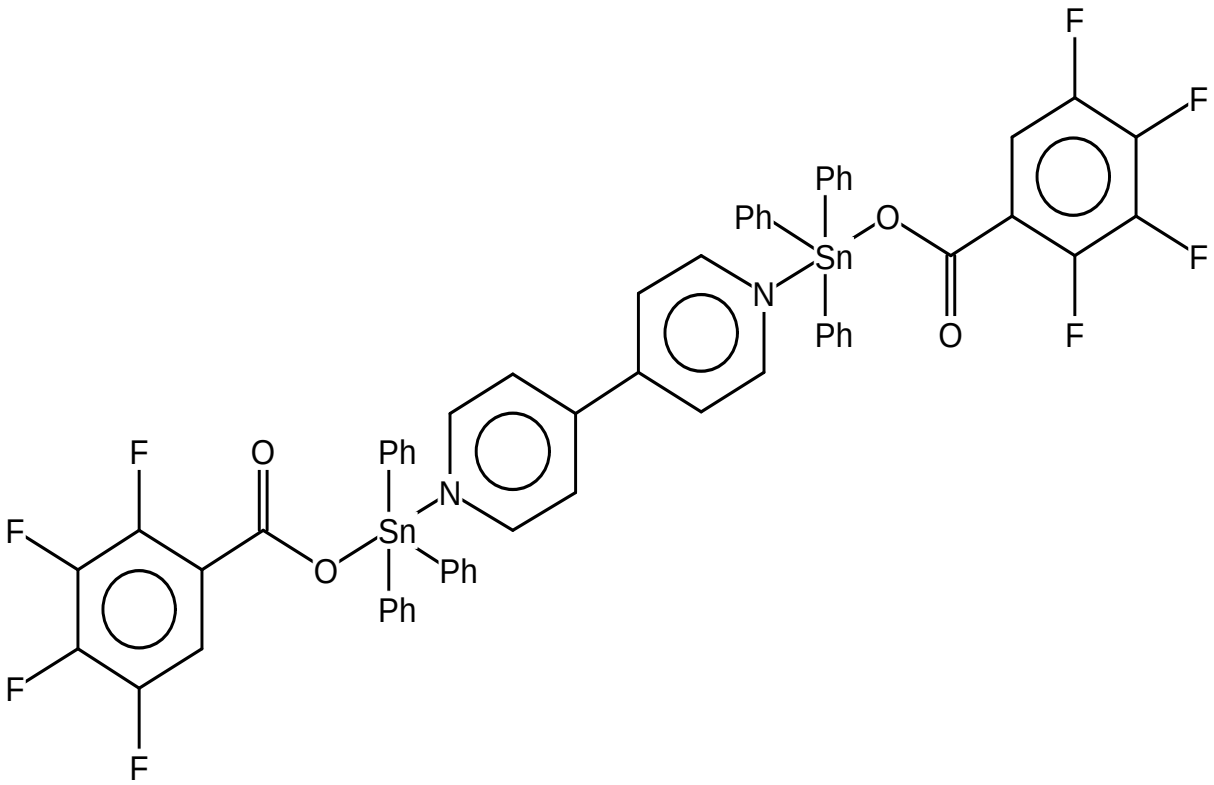
Reference: Chunlin Ma, Junshan Sun, Rufen Zhang (2006)
*J.Organomet.Chem. ,***691,**5873

Formula: $C_{60}\,H_{40}\,F_8\,N_2\,O_4\,Sn_2$

Compound Name: (μ_2-4,4'-bipyridine)-bis((2,3,4,5-tetrafluorobenzoato-O)-triphenyl-tin(iv))

Space Group:	P21/c	***Cell:***	***a***	10.388(2)	***b***	13.809(3)	***c***	18.865(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.95(0)	γ	90.00

R-Factor (%): 3.45 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.536



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2827

XEXKAN

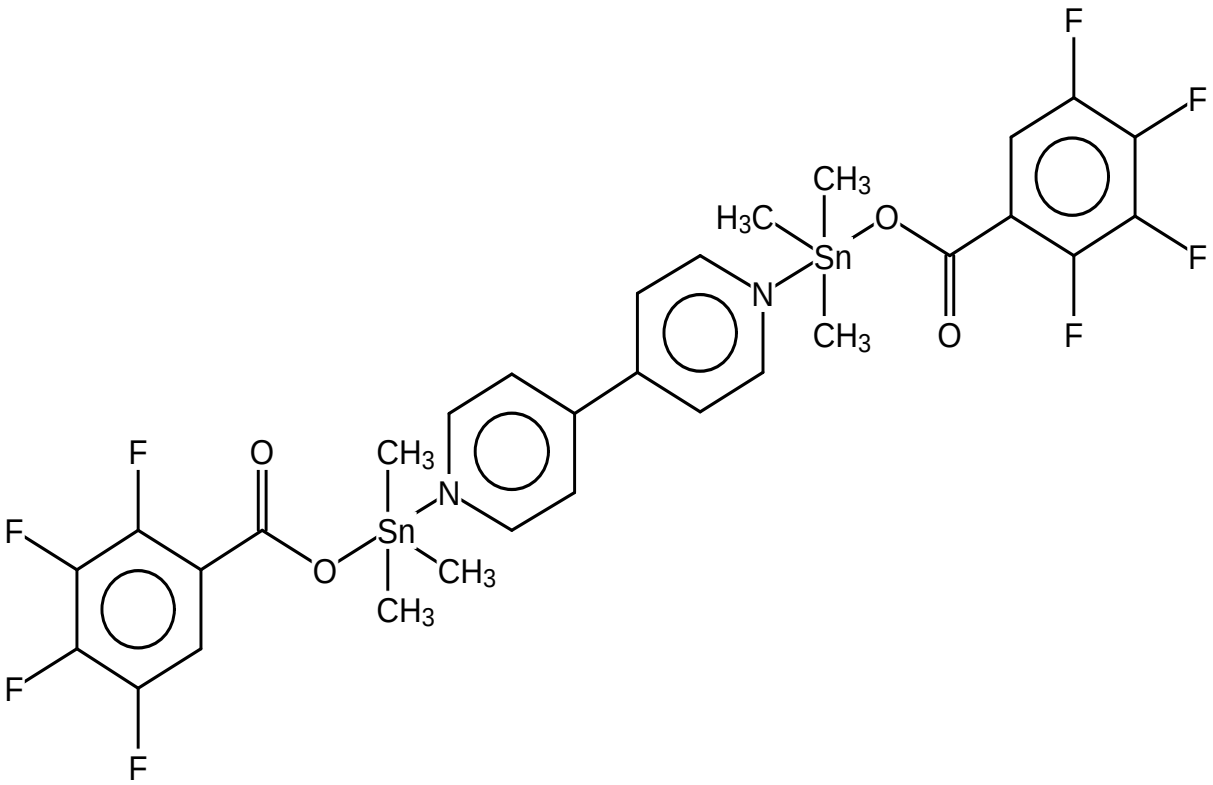
Reference: Chunlin Ma, Junshan Sun, Rufen Zhang (2006)
*J.Organomet.Chem. ,***691,**5873

Formula: $C_{30}\,H_{28}\,F_8\,N_2\,O_4\,Sn_2$

Compound Name: (μ_2-4,4'-bipyridine)-bis((2,3,4,5-tetrafluorobenzoato-O)-trimethyl-tin(iv))

Space Group:	P-1	***Cell:***	***a***	7.003(6)	***b***	8.945(8)	***c***	13.410(11)
Space Group No.:	2	***(Å,°)***	α	90.09(1)	β	98.88(1)	γ	96.18(1)

R-Factor (%): 3.18 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.751



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2828

XEYSIE

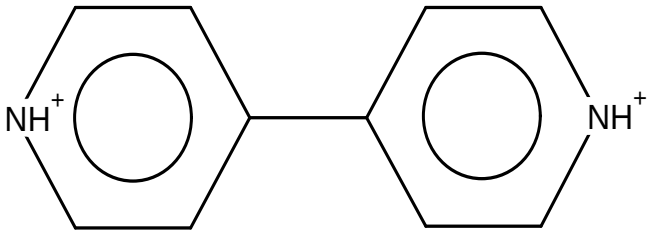
Reference: J.Valdes-Martinez, R.A.Toscano, J.M.German-Acacio (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***63,**m870

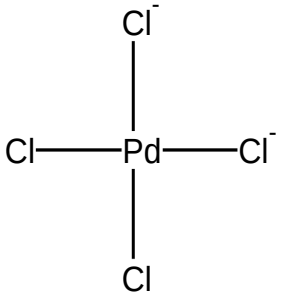
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Pd_1\,^{2-}$

Compound Name: 4,4'-Bipyridinium tetrachloropalladate(ii)

Space Group:	I2/m	***Cell:***	***a***	6.718(1)	***b*** 11.754(2)	***c***	8.015(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β 90.65(0)	γ	90.00

R-Factor (%): 2.32 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.133





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2829

XEYWIH

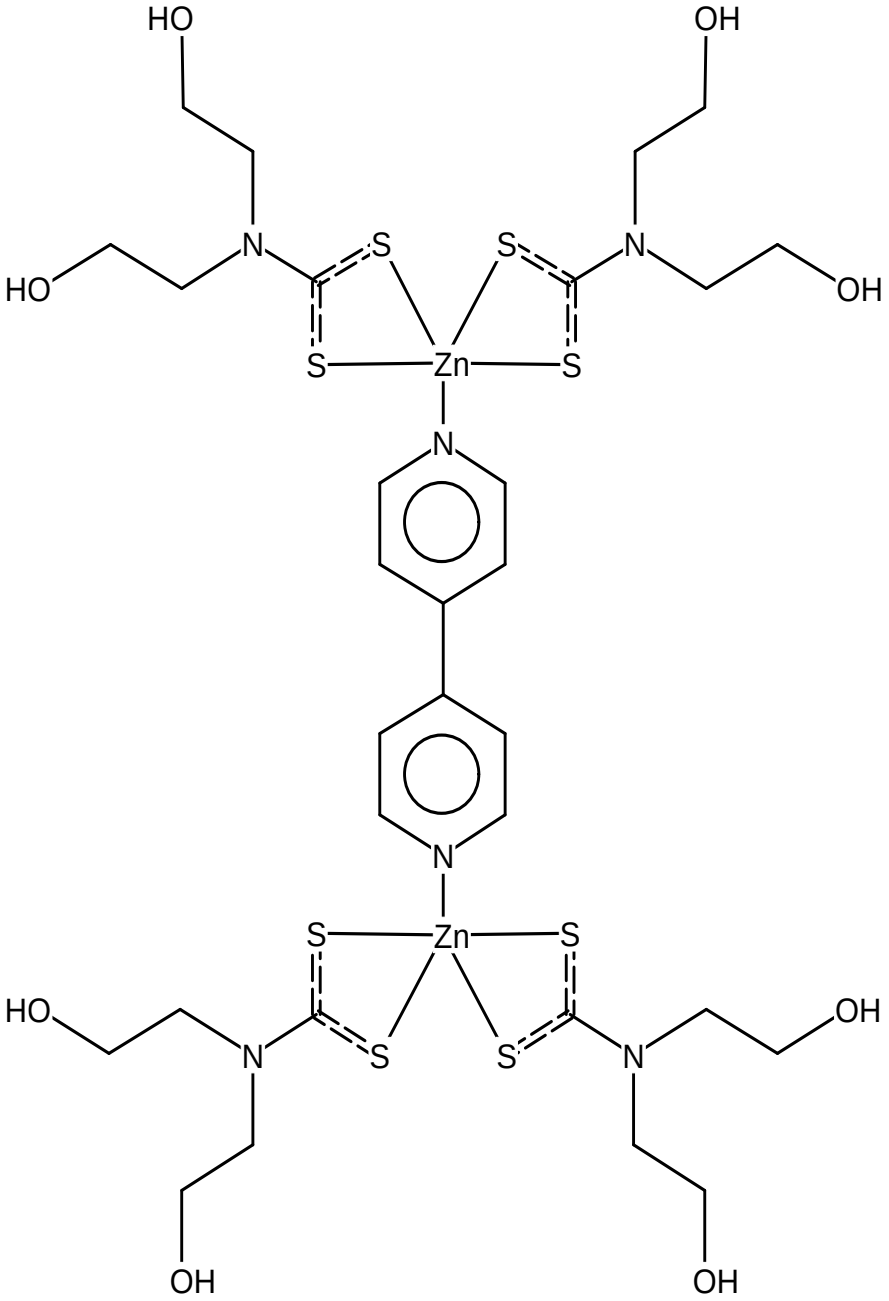
Reference: A.Manohar, K.Ramalingam, G.Bocelli, L.Righi (2001) *Inorg.Chim.Acta* ,**314,**177

Formula: $C_{30}\ H_{48}\ N_6\ O_8\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis(bis(2-hydroxyethyl)dithiocarbamato)-zinc(ii)

Space Group:	P-1	***Cell:***	***a***	13.229(3)	***b***	15.592(2)	***c*** 11.225(2)
Space Group No.:	2	***(Å,°)***	α	105.34(3)	β	93.67(3)	γ 105.58(4)

R-Factor (%): 6.41 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.573



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2830

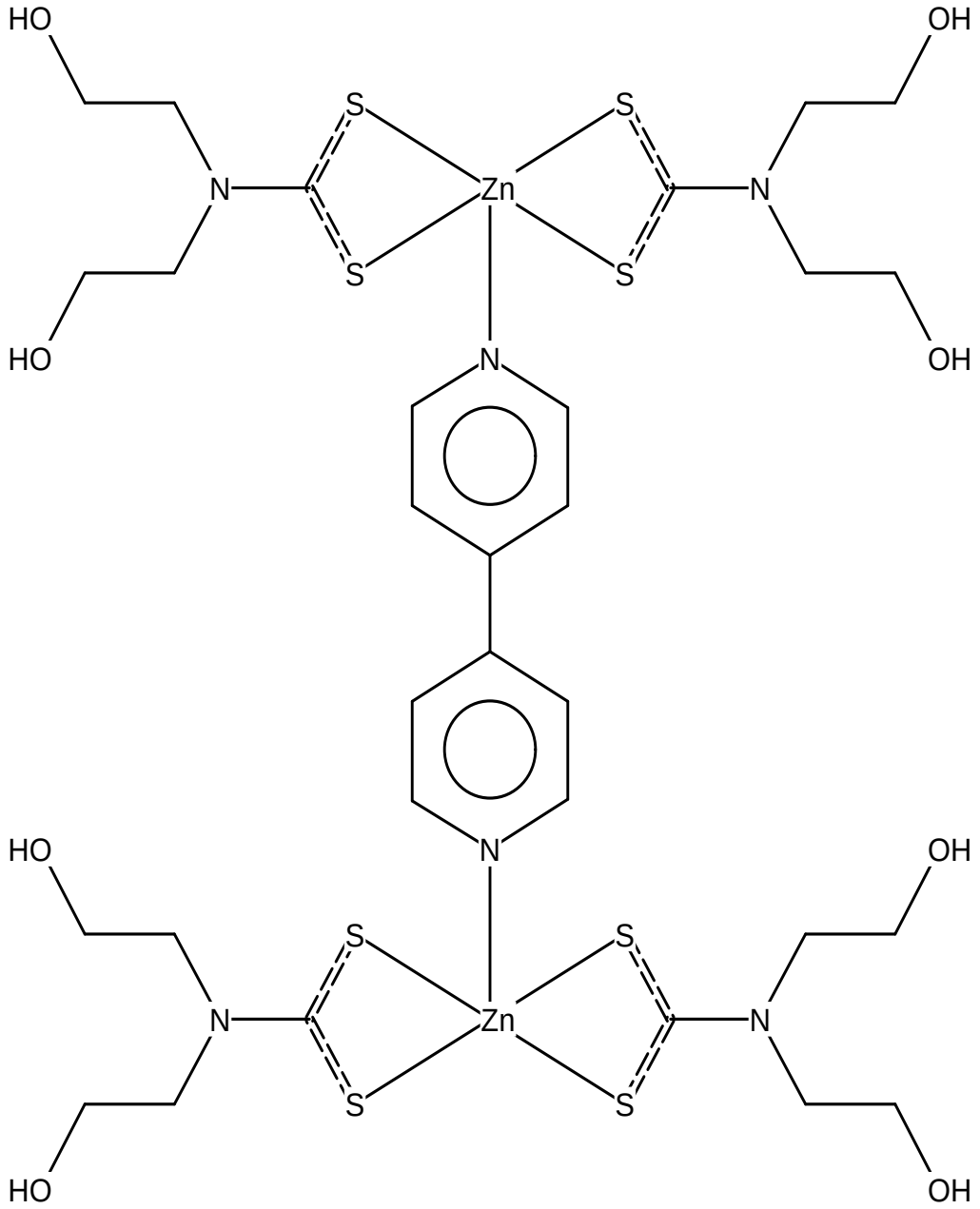
XEYWIH01

Reference: R.E.Benson, C.A.Ellis, C.E.Lewis, E.R.T.Tiekink (2007) *CrystEngComm* ,**9,**930

Formula: $C_{30}\ H_{48}\ N_6\ O_8\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(N,N-bis(2-hydroxyethyl)dithiocarbamato)-di-zinc

Space Group:	P-1	***Cell:***	***a*** 11.249(4)	***b*** 13.214(5)	***c*** 15.581(6)
Space Group No.:	2	***(Å,°)***	α 105.34(0)	β 105.09(0)	γ 93.88(0)
R-Factor (%):	5.00	***Temperature(K):***	218	***Density(g/cm^3):***	1.569



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2831

XEYWON

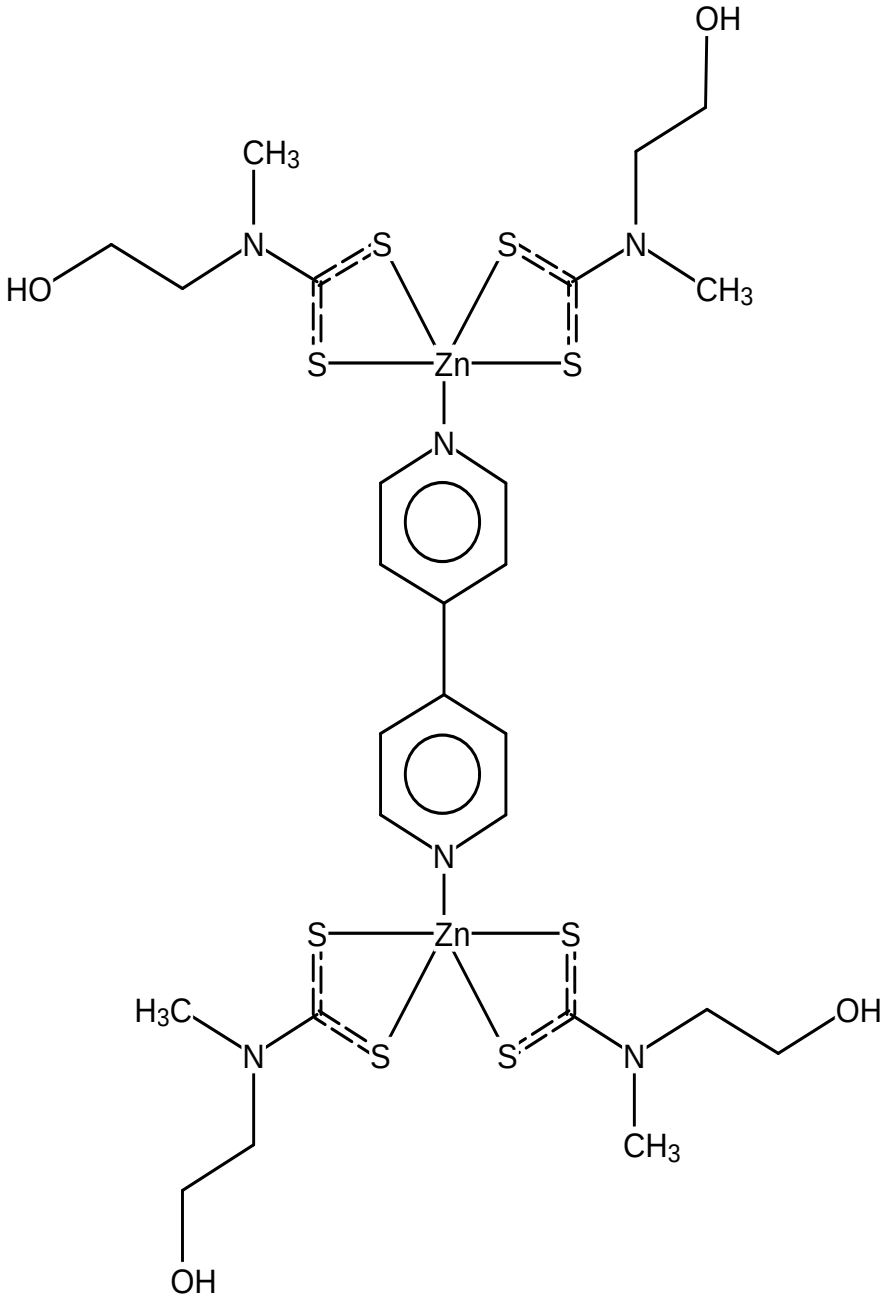
Reference: A.Manohar, K.Ramalingam, G.Bocelli, L.Righi (2001) *Inorg.Chim.Acta* ,**314,**177

Formula: $C_{26}\ H_{40}\ N_6\ O_4\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((2-hydroxyethyl)methyldithiocarbamato)-zinc(ii)

Space Group:	P21/c	***Cell:***	***a***	8.608(3)	***b***	14.194(3)	***c***	15.677(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.21	γ	90.00

R-Factor (%): 6.47 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2832

XEYWON01

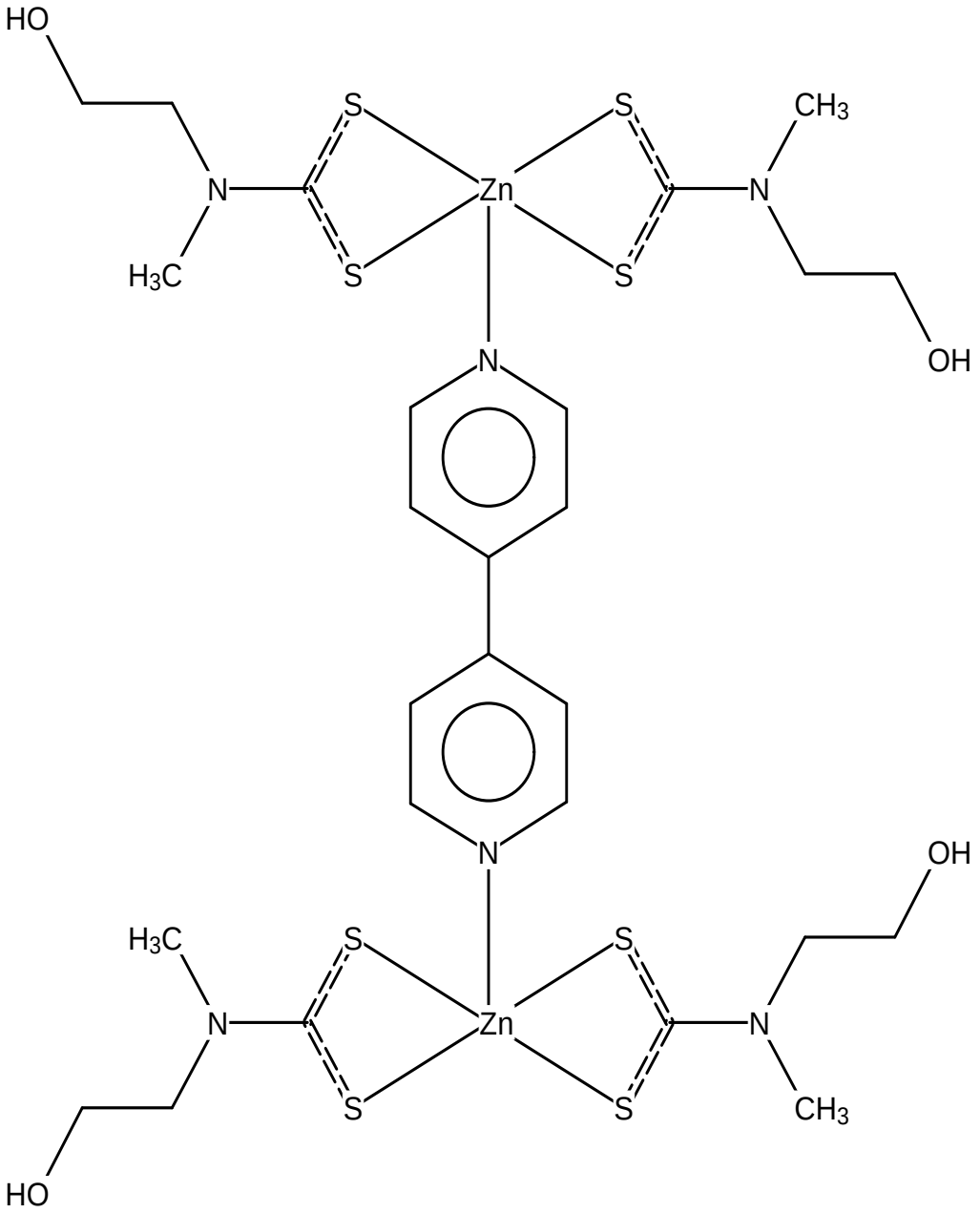
Reference: R.E.Benson, C.A.Ellis, C.E.Lewis, E.R.T.Tiekink (2007) *CrystEngComm* ,**9,**930

Formula: $C_{26}\ H_{40}\ N_6\ O_4\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(N-methyl-N-(2-hydroxyethyl)dithiocarbamato) -di-zinc

Space Group:	P21/c	***Cell:***	***a***	8.659(0)	***b***	14.007(1)	***c*** 15.598(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.41(0)	γ 90.00

R-Factor (%):	3.20	***Temperature(K):***	293	***Density(g/cm^3):***	1.572



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2833

XIBHOG

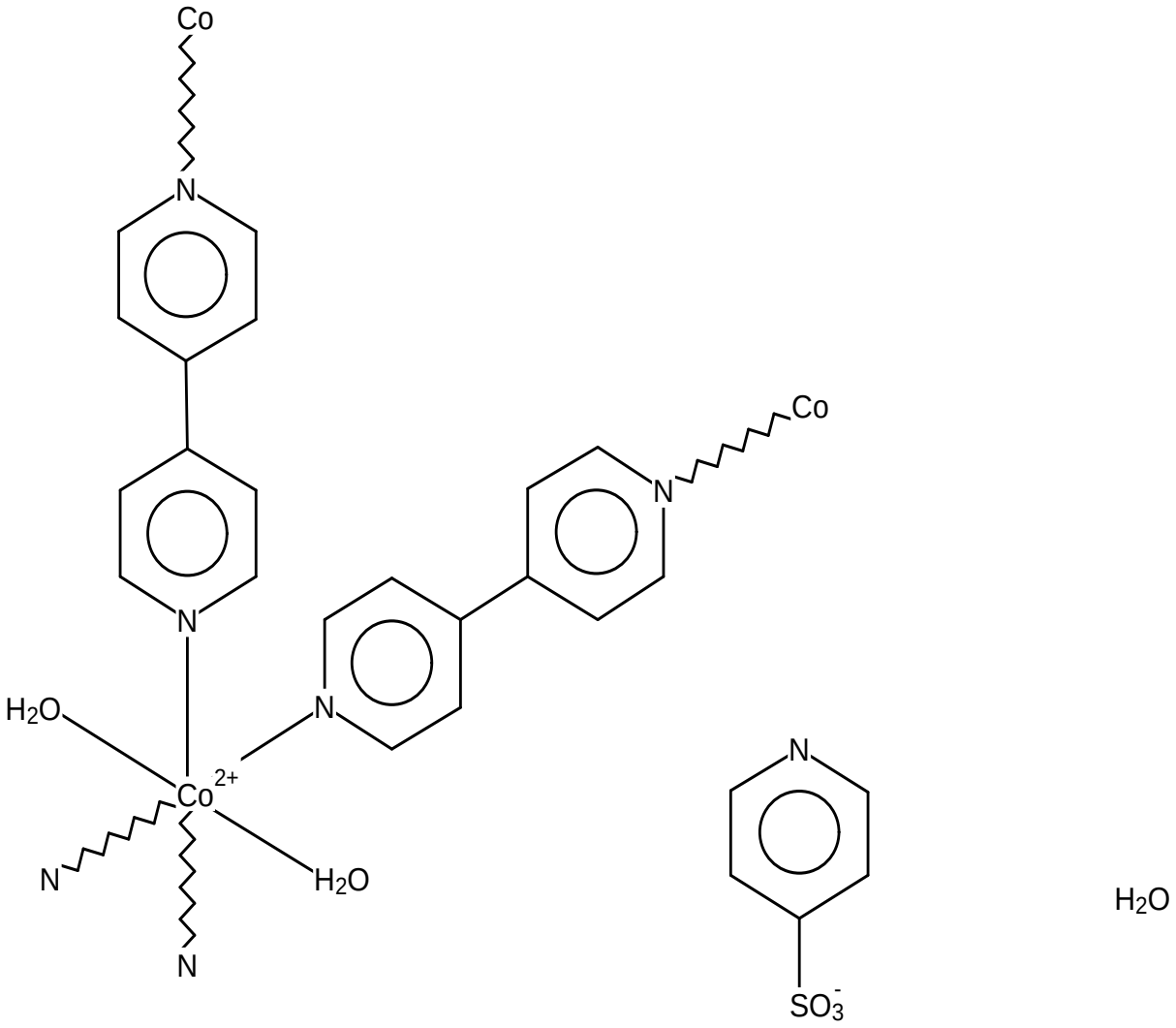
Reference: Jian Lu, Hong-Fang Li, Fu-Xian Xiao, Rong Cao (2007) *Inorg.Chem.Commun. ,***10,**614

Formula: $(C_{20}\ H_{20}\ Co_1\ N_4\ O_2\ ^{2+})n,2n(C_5\ H_4\ N_1\ O_3\ S_1\ ^{1-}),10n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-di-aqua-cobalt(ii) 4-pyridinesulfonate decahydrate)

Space Group:	P2/n	***Cell:***	***a***	11.366(0)	***b*** 11.518(0)	***c***	16.529(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β 101.58(0)	γ	90.00

R-Factor (%): 5.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.416



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2834

XIFNAB

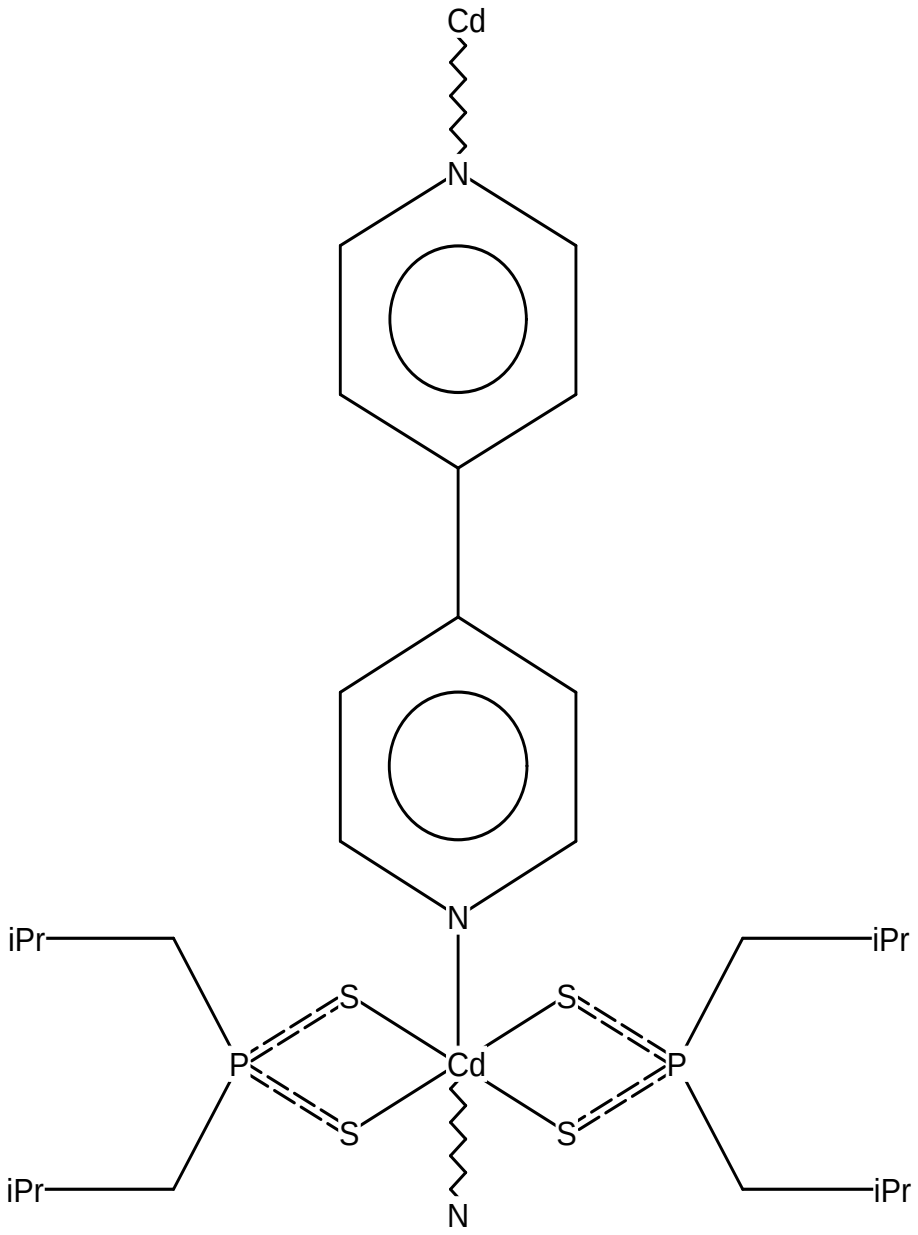
Reference: S.V.Larionov, V.G.Shchukin, L.A.Glinskaya, R.F.Klevtsova, A.P.Mazhara (2001) *Koord.Khim.(Russ.)(Coord.Chem.)* ,**27,**498

Formula: $(C_{26}\ H_{44}\ Cd_1\ N_2\ P_2\ S_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(di-isobutyldithiophosphinate-S,S')-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	14.678(3)	***b*** 11.866(2)	***c***	19.655(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 102.17(3)	γ	90.00

R-Factor (%): 2.51 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.364



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2835

XIFYIV

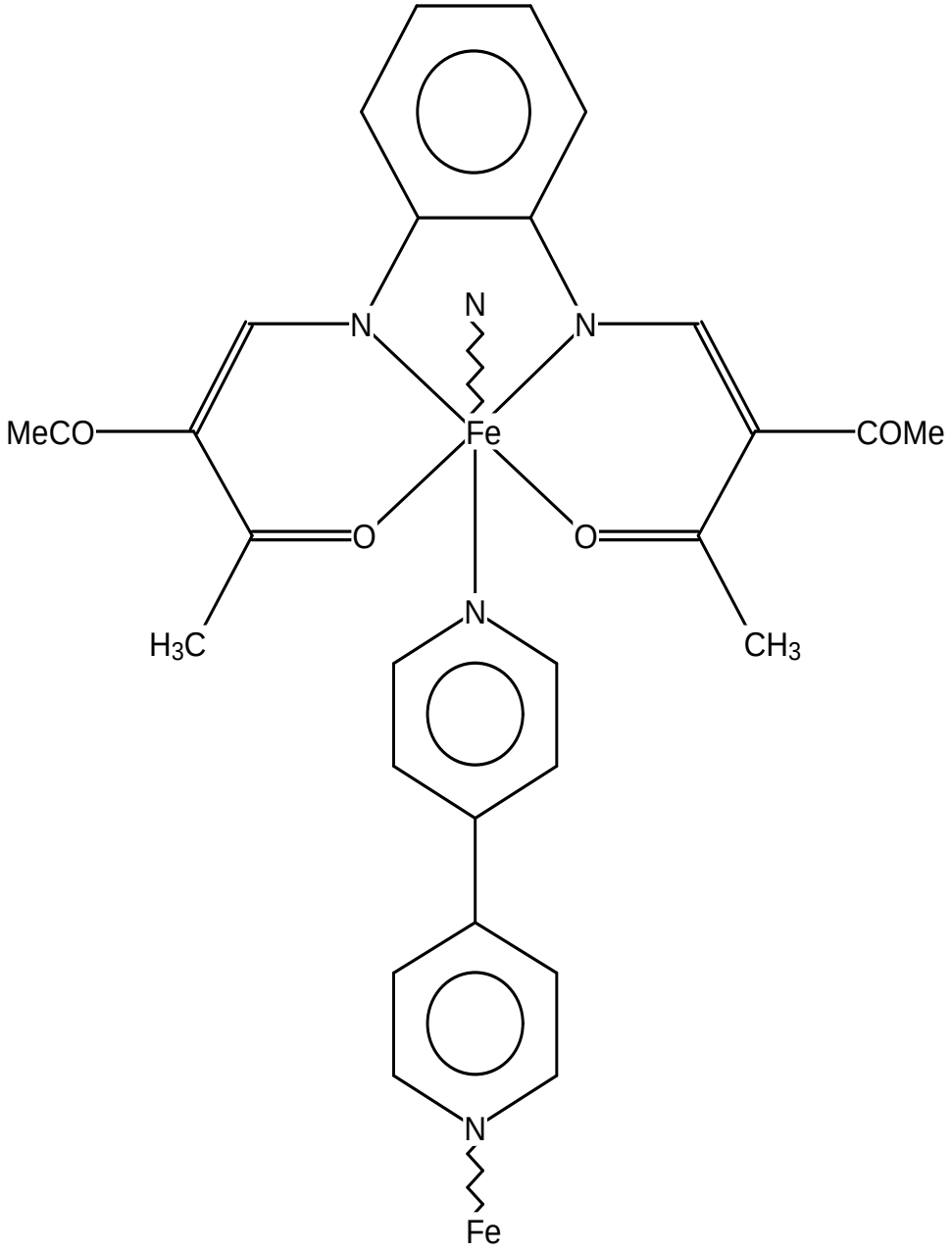
Reference: B.Weber, R.Tandon, D.Himsl (2007) *Z.Anorg.Allg.Chem.* , **633,**1159

Formula: $(C_{28}\ H_{26}\ Fe_1\ N_4\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(1,2-phenylene-bis(iminomethylidyne))-bis(2,4-pentanedionato)-iron(ii))

Space Group:	P-1	***Cell:***	***a***	10.470(30)	***b***	11.510(30)	***c***	23.160(120)
Space Group No.:	2	***(Å,°)***	α	92.17(13)	β	98.90(14)	γ	112.80(6)

R-Factor (%):	29.85	***Temperature(K):***	250	***Density(g/cm^3):***	1.415



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2836

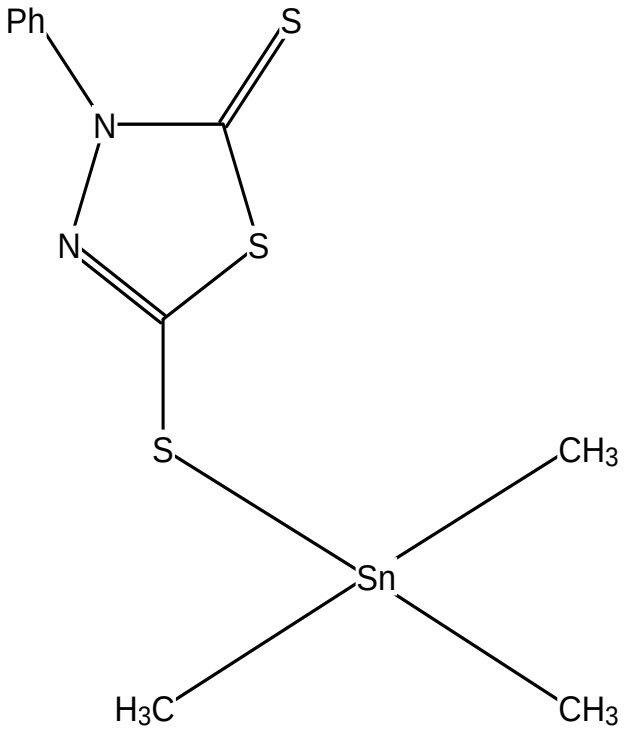
XIGPAE

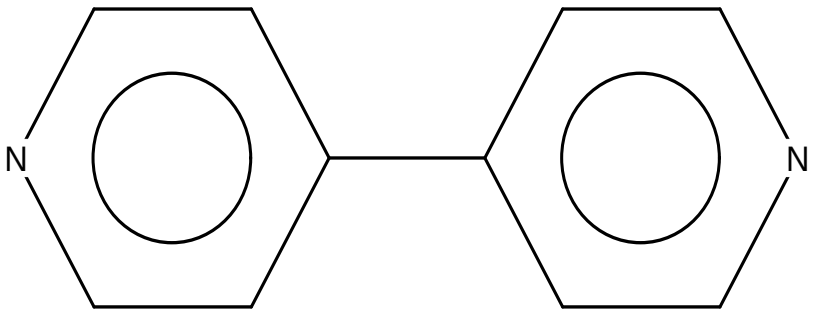
Reference: V.Berceanc, C.Crainic, I.Haiduc, M.F.Mahon, K.C.Molloy, M.M.Venter, P.J.Wilson (2002) *J.Chem.Soc.,Dalton Trans.* ,1036

Formula: $C_{11}\ H_{14}\ N_2\ S_3\ Sn_1,0.5(C_{10}\ H_8\ N_2)$

Compound Name: bis((3-phenyl-1,3,4-thiadiazoline-2-thione-5-thiolato)-trimethyl-tin) 4,4'-bipyridine

Space Group:	P-1	***Cell:***	***a***	9.570(0)	***b***	9.690(0)	***c*** 12.500(0)
Space Group No.:	2	***(Å,°)***	α	105.22(0)	β	96.48(0)	γ 119.36(0)
R-Factor (%):	3.02	***Temperature(K):***	170	***Density(g/cm^3):***	1.662		





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2837

XIHGAX

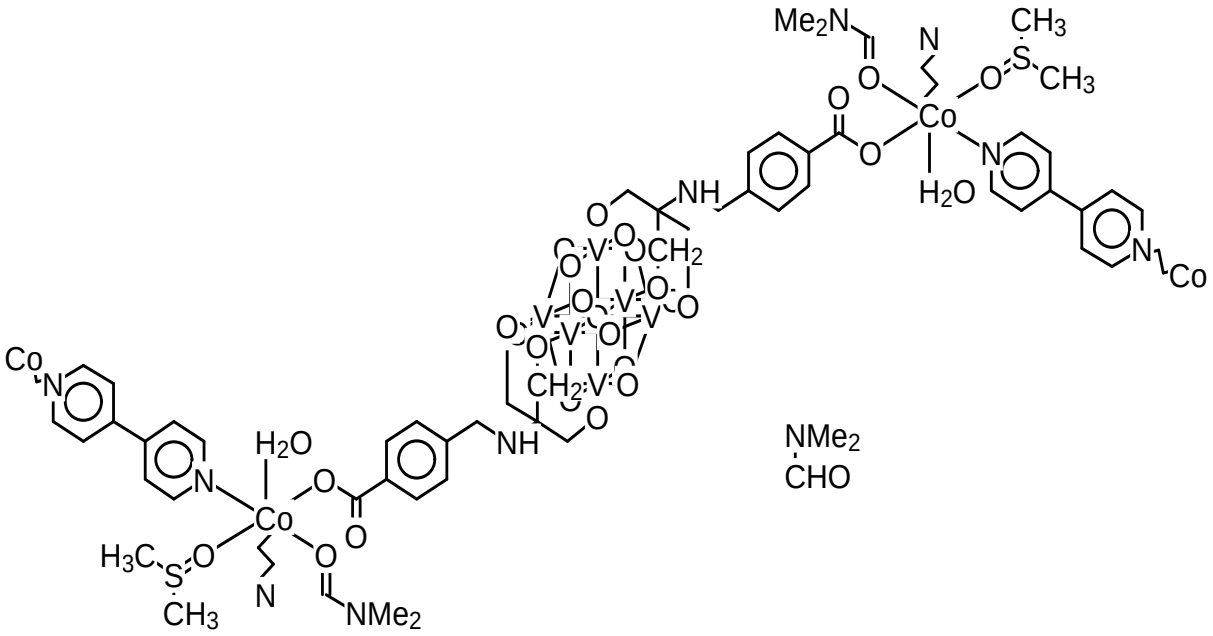
Reference: C.L.Hill, T.M.Anderson, Jong Woo Han, D.A.Hillesheim, Yu.V.Geletii, N.M.Okun, Rui Cao, B.Botar, D.G.Musaev, K.Morokuma (2006) *J.Mol.Catal.A:Chem. ,***251,**234

Formula: $(C_{54}\ H_{72}\ Co_2\ N_8\ O_{29}\ S_2\ V_6)n,2.3n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[(μ_6-Oxo)-bis(μ_4-4-(tris(oxymethyl)methylaminomethyl) benzoato)-(μ_2-4,4'-bipyridyl)-dodecakis(μ_2-oxo)-diaqua-bis(dimethylformamide)-bis(dimethylsulfoxide)-di-cobalt-hexa-vanadium dimethylformamide solvate]

Space Group:	P-1	***Cell:***	***a***	11.458(1)	***b***	11.490(1)	***c*** 19.150(1)
Space Group No.:	2	***(Å,°)***	α	81.20(0)	β	76.62(0)	γ 81.72(0)

R-Factor (%): 10.76 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.347



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2838

XIHSUC

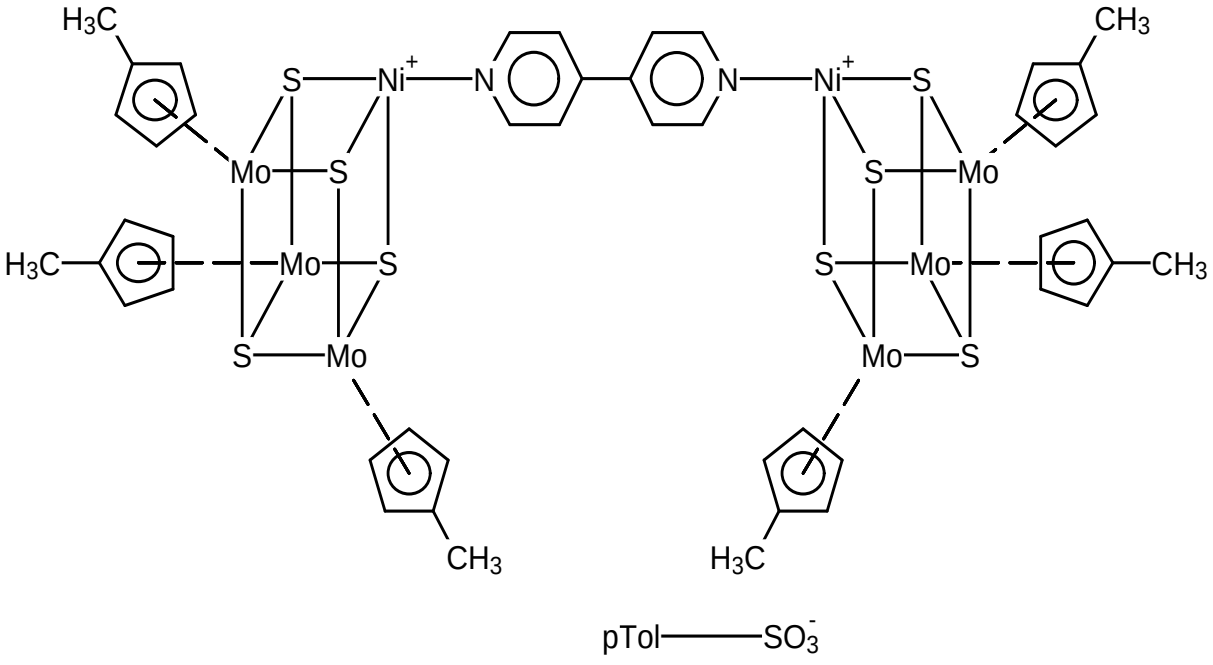
Reference: K.Herbst, M.Monari, M.Brorson (2002) *Inorg.Chem.* ,**41,** 1336

Formula: $C_{46}\ H_{50}\ Mo_6\ N_2\ Ni_2\ S_8\ ^{2+}$,2($C_7\ H_7\ O_3\ S_1\ ^{1-}$)

Compound Name: octakis(μ_3-Sulfido)-(μ_2-4,4'-bipyridine)-hexakis(η^5-methylcyclopentadienyl)-hexa-molybdenum-di-nickel bis(p-toluenesulfonate)

Space Group:	P21/c	***Cell:***	***a***	14.762(4)	***b*** 13.647(4)	***c***	17.469(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.72(1)	γ	90.00

R-Factor (%): 5.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.885



Search: search1 (Thu May 26 10:05:42 2011): Hit 2839

XIJDID

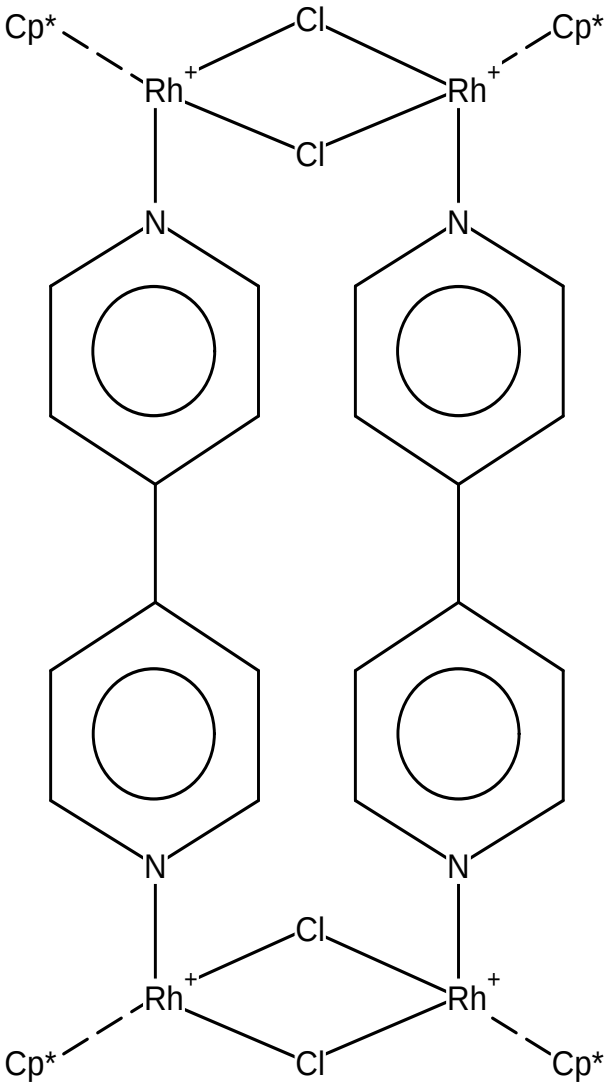
Reference: Y.Yamamotoa, H.Suzuki, N.Tajima, K.Tatsumi (2002) *Chem.-Eur.J.* ,**8,**372

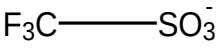
Formula: $C_{60}\ H_{76}\ Cl_4\ N_4\ Rh_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),4($C_1\ H_4\ O_1$)

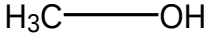
Compound Name: bis(μ_2-4,4-Bipyridyl)-tetrakis(μ_2-chloro)-tetrakis(η^5-pentamethyl-cyclopentadienyl)-tetra-rhodium tetrakis(trifluoromethanesulfonate) methanol solvate

Space Group:	P-1	***Cell:***	***a*** 12.226(0)	***b*** 12.531(0)	***c*** 15.076(1)
Space Group No.:	2	***(Å,°)***	α 114.34(0)	β 91.99(0)	γ 95.14(0)

R-Factor (%): 4.50 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.694







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2840

XIJGIG

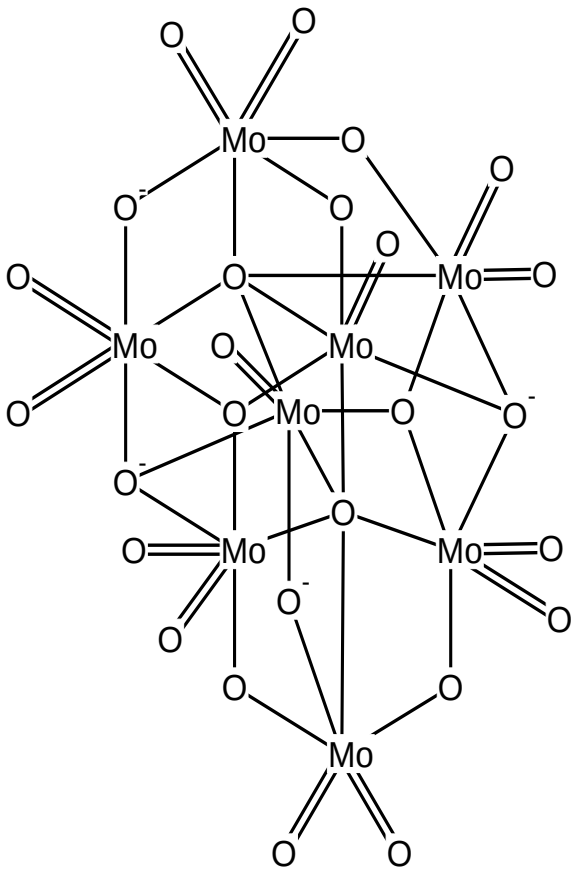
Reference: Chuan-Peng Cui, Jing-Cao Dai, Wen-Xin Du, Zhi-Yong Fu, Sheng-Min Hu, Li-Ming Wu, Xin-Tao Wu (2002) *Polyhedron ,***21,**175

Formula: $4(H_4 N_1{}^{1+}),Mo_8 O_{26}{}^{4-},6(C_{10} H_8 N_2)$

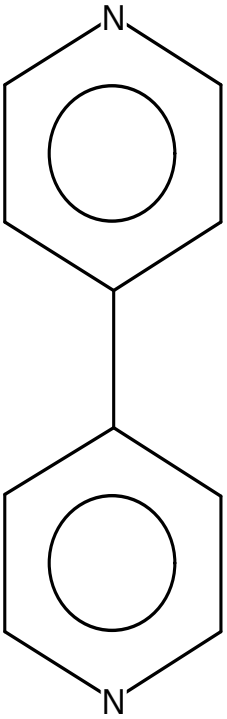
Compound Name: Tetraammonium bis(μ_5-oxo)-tetrakis(μ_3-oxo)-hexakis(μ_2-oxo)-tetradecaoxo-octa-molybdenum hexakis(4,4'-bipyridine)

Space Group:	P2/c	***Cell:***	***a***	10.284(1)	***b*** 18.988(4)	***c***	18.893(8)
Space Group No.:	13	***(Å,°)***	α	90.00	β 104.92(3)	γ	90.00

R-Factor (%): 6.88 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.043



NH_4^+



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2841

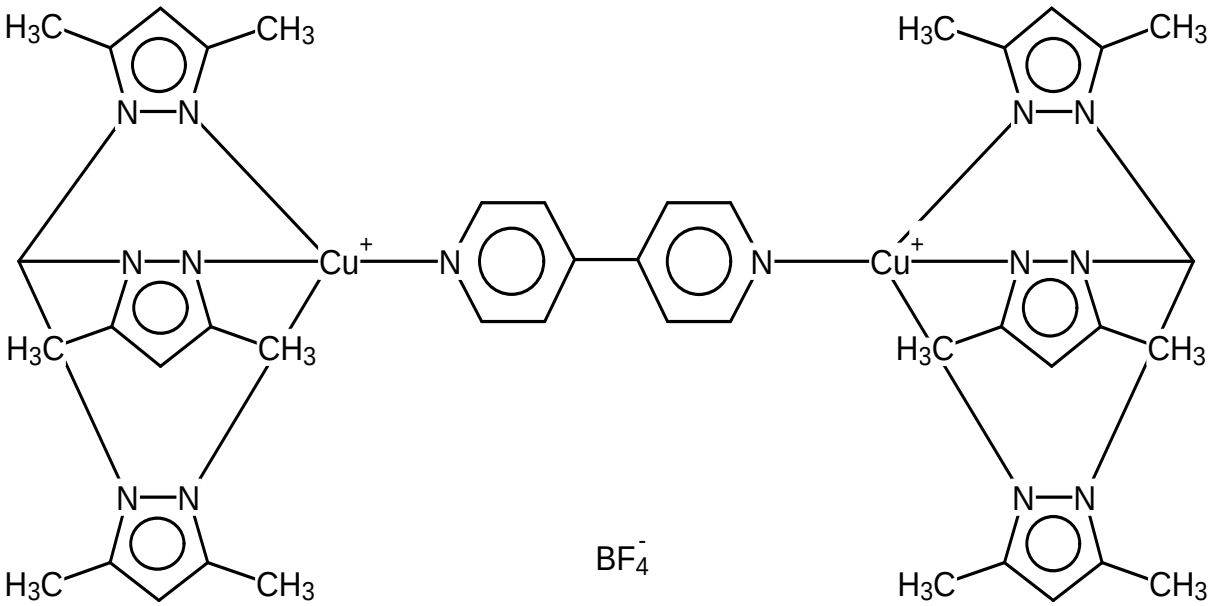
XIJJUW

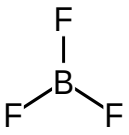
Reference: S.C.N.Hsu, H.H.Z.Chen, I-Jung Lin, Jung-Jung Liu, Po-Yu Chen (2007) *J.Organomet.Chem.* ,**692,**3676

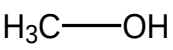
Formula: $C_{42}\ H_{52}\ Cu_2\ N_{14}\ ^{2+}$,2($B_1\ F_4\ ^{1-}$),2($B_1\ F_3$),2($C_1\ H_4\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((tris(3,5-dimethylpyrazolyl)methane)-copper(i)) bis(tetrafluoroborate) trifluoroboron methanol solvate

Space Group:	C2/c	***Cell:***	***a***	27.237(0)	***b***	7.691(0)	***c*** 31.412(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	109.17(0)	γ 90.00
R-Factor (%):	7.12	***Temperature(K):***	200		***Density(g/cm^3):***		1.339







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2842

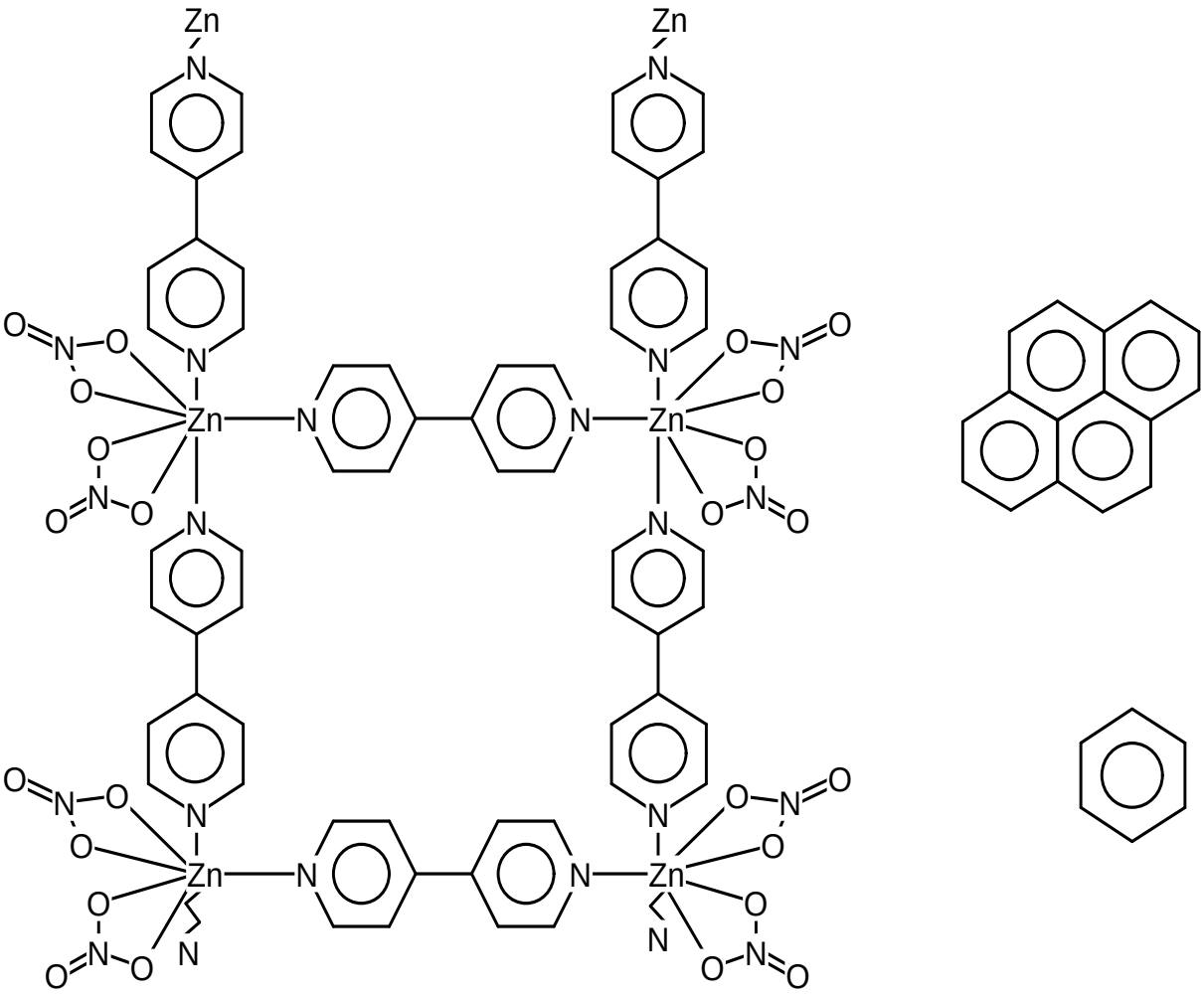
XIJQEN

Reference: G.J.McManus, J.J.Perry IV, M.Perry, B.D.Wagner, M.J.Zaworotko (2007) *J.Am.Chem.Soc.* ,**129,**9094

Formula: $(C_{60}\ H_{48}\ N_{20}\ O_{24}\ Zn_4)n,4n(C_{16}\ H_{10}),2n(C_6\ H_6)$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine)-octakis(nitrato-O,O')-tetra-zinc(ii) tetrakis(pyrene) bis(benzene) clathrate)

Space Group:	P-1	***Cell:***	***a***	11.350(0)	***b***	15.115(1)	***c***	18.003(1)
Space Group No.:	2	***(Å,°)***	α	87.77(0)	β	72.40(0)	γ	87.53(0)
R-Factor (%):	4.35	***Temperature(K):***	100		***Density(g/cm^3):***	1.502		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2843

XIJQIR

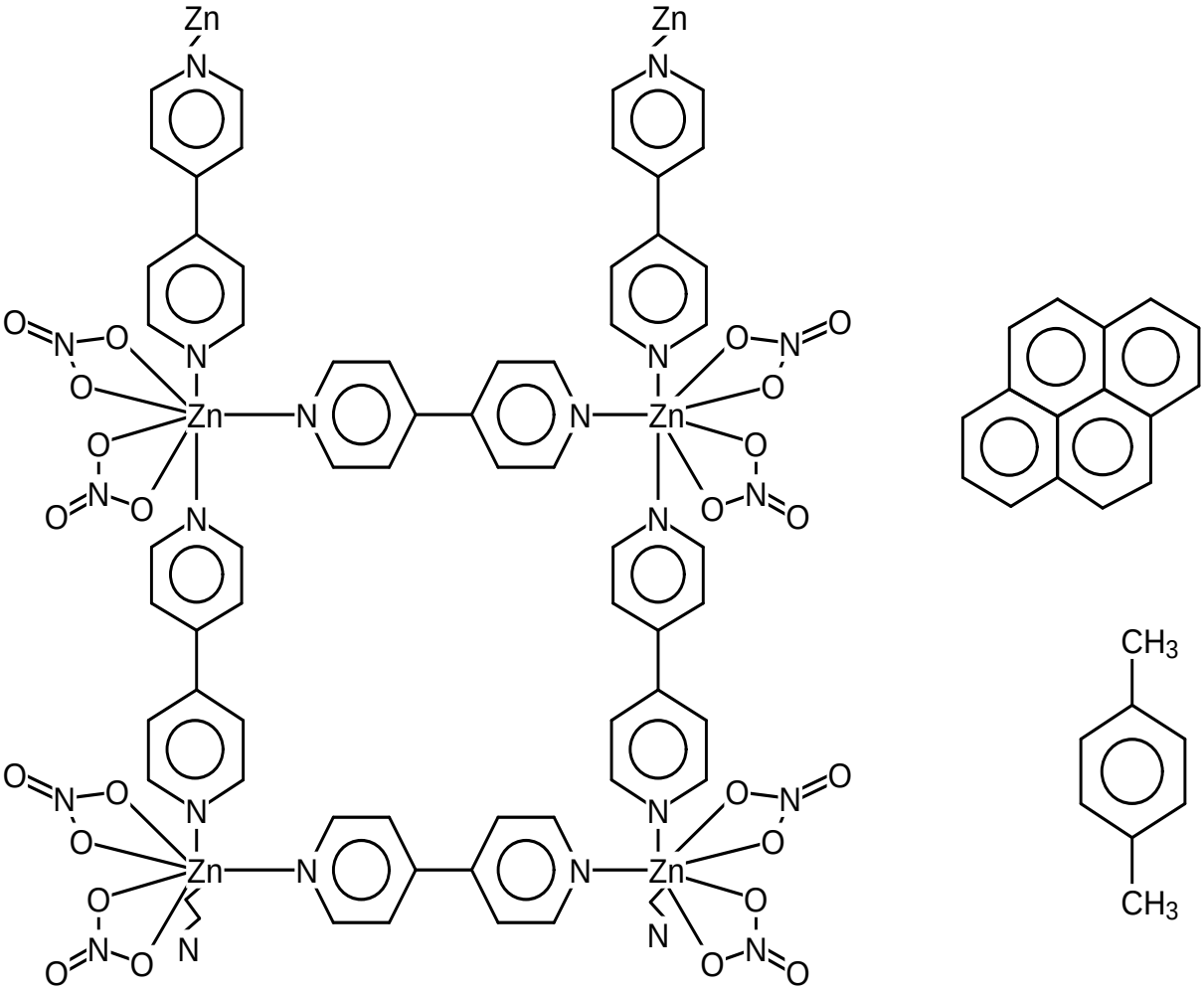
Reference: G.J.McManus, J.J.Perry IV, M.Perry, B.D.Wagner, M.J.Zaworotko (2007) *J.Am.Chem.Soc.* ,**129,**9094

Formula: $(C_{60}\ H_{48}\ N_{20}\ O_{24}\ Zn_4)n,4n(C_{16}\ H_{10}),2n(C_8\ H_{10})$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine)-octakis(nitrato-O,O')-tetra-zinc(ii) tetrakis(pyrene) bis(p-xylene) clathrate)

Space Group:	P-1	***Cell:***	***a***	11.372(0)	***b***	15.163(1)	***c*** 17.947(1)
Space Group No.:	2	***(Å,°)***	α	88.39(0)	β	73.22(0)	γ 87.95(0)

R-Factor (%): 4.18 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.523



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2844

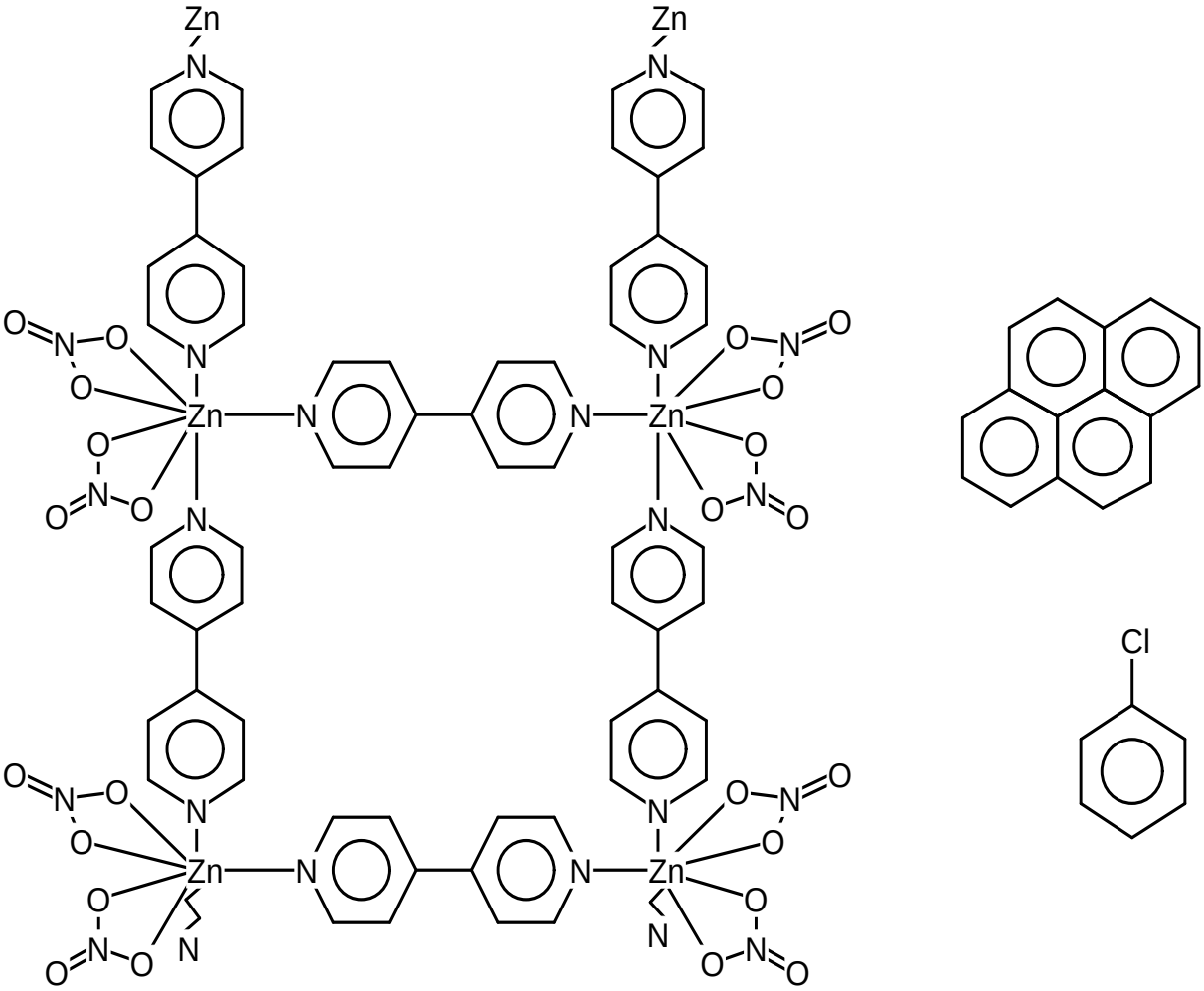
XIJQOX

Reference: G.J.McManus, J.J.Perry IV, M.Perry, B.D.Wagner, M.J.Zaworotko (2007) *J.Am.Chem.Soc.* ,**129,**9094

Formula: $(C_{60}\ H_{48}\ N_{20}\ O_{24}\ Zn_4)n,4n(C_{16}\ H_{10}),2n(C_6\ H_5\ Cl_1)$

Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine)-octakis(nitrato-O,O')-tetra-zinc(ii) tetrakis(pyrene) bis(chlorobenzene) clathrate)

Space Group:	P-1	***Cell:***	***a***	11.336(1)	***b***	15.136(1)	***c***	18.021(1)
Space Group No.:	2	***(Å,°)***	α	87.88(0)	β	72.04(0)	γ	88.33(0)
R-Factor (%):	3.86	***Temperature(K):***	100		***Density(g/cm^3):***	1.542		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2845

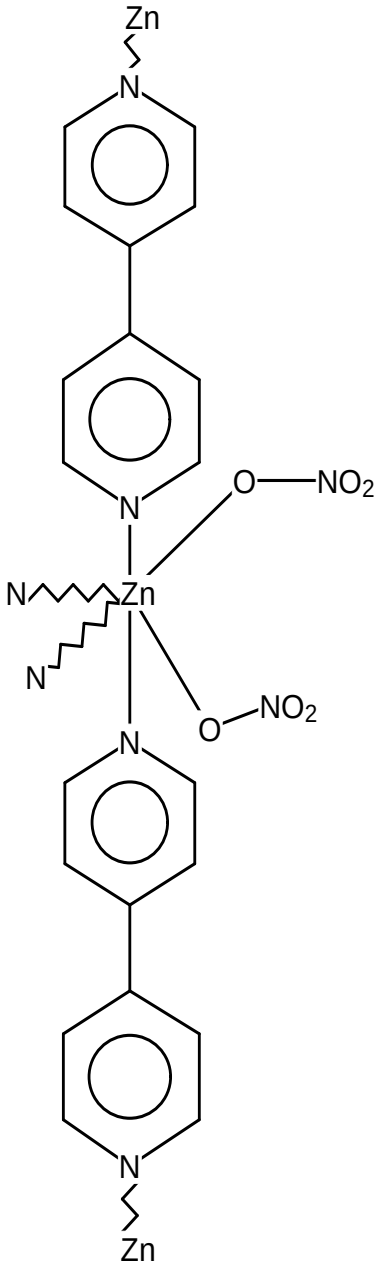
XIJQUD

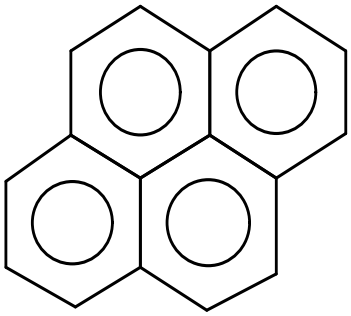
Reference: G.J.McManus, J.J.Perry IV, M.Perry, B.D.Wagner, M.J.Zaworotko (2007) *J.Am.Chem.Soc.* ,**129,**9094

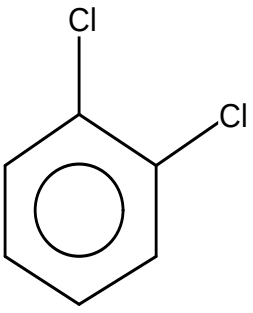
Formula: $(C_{20}\ H_{16}\ N_6\ O_6\ Zn_1)n,n(C_{16}\ H_{10}),2n(C_6\ H_4\ Cl_2)$

Compound Name: catena-(bis((μ$_2$-4,4'-Bipyridine)-(nitrato-O))-zinc(ii) (pyrene) bis(1,2-dichlorobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	16.524(1)	***b***	11.467(1)	***c***	22.731(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.12(0)	γ	90.00
R-Factor (%):	3.38	***Temperature(K):***	100		***Density(g/cm^3):***		1.559	







Search: search1 (Thu May 26 10:05:42 2011): Hit 2846

XILPOY

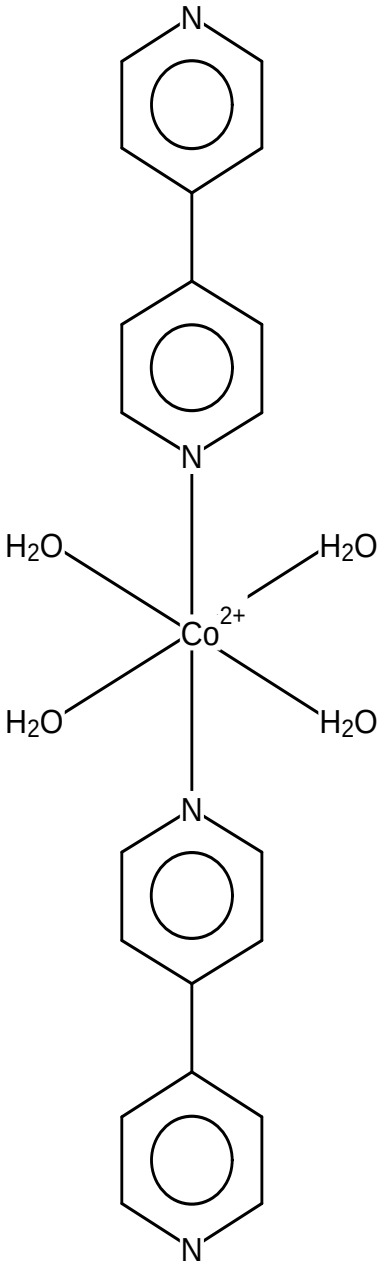
Reference: Guizhi Guan, Yuxiang Gao, Lixia Wang, Tao Wang (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m2601

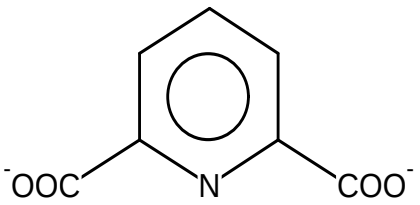
Formula: $C_{20}\,H_{24}\,Co_1\,N_4\,O_4^{\,2+}$,$C_7\,H_3\,N_1\,O_4^{\,2-}$,4($H_2\,O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridyl)-cobalt(ii) pyridine-2,6-dicarboxylate tetrahydrate

Space Group:	Cc	***Cell:***	***a***	18.183(0)	***b***	6.854(1)	***c***	25.149(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β	99.40(1)	γ	90.00

R-Factor (%): 4.30 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.462





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2847

XIMFUV

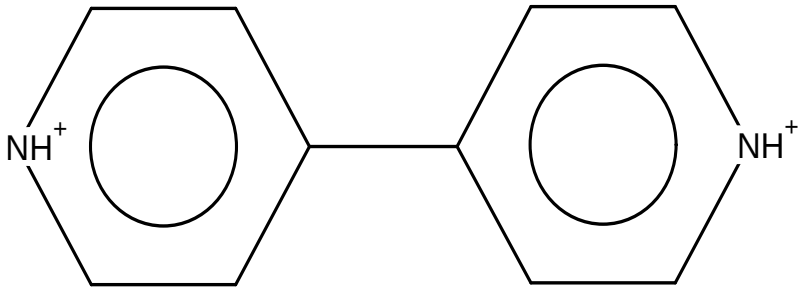
Reference: B.F.Ali, R.Al-Far (2007)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**63,**m451

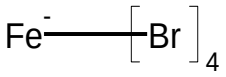
Formula: $2(C_{10}H_{10}N_2^{2+}),3(Br_4Fe_1^{1-}),Br_1^{1-}$

Compound Name: bis(4,4'-Bipyridinium) tris(tetrabromoferrate(iii)) bromide

Space Group:	P212121	***Cell:***	***a***	11.554(0)	***b*** 18.451(0)	***c***	18.984(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.01 ***Temperature(K):*** 84 ***Density(g/cm^3):*** 2.499





Br^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2848

XINQIU

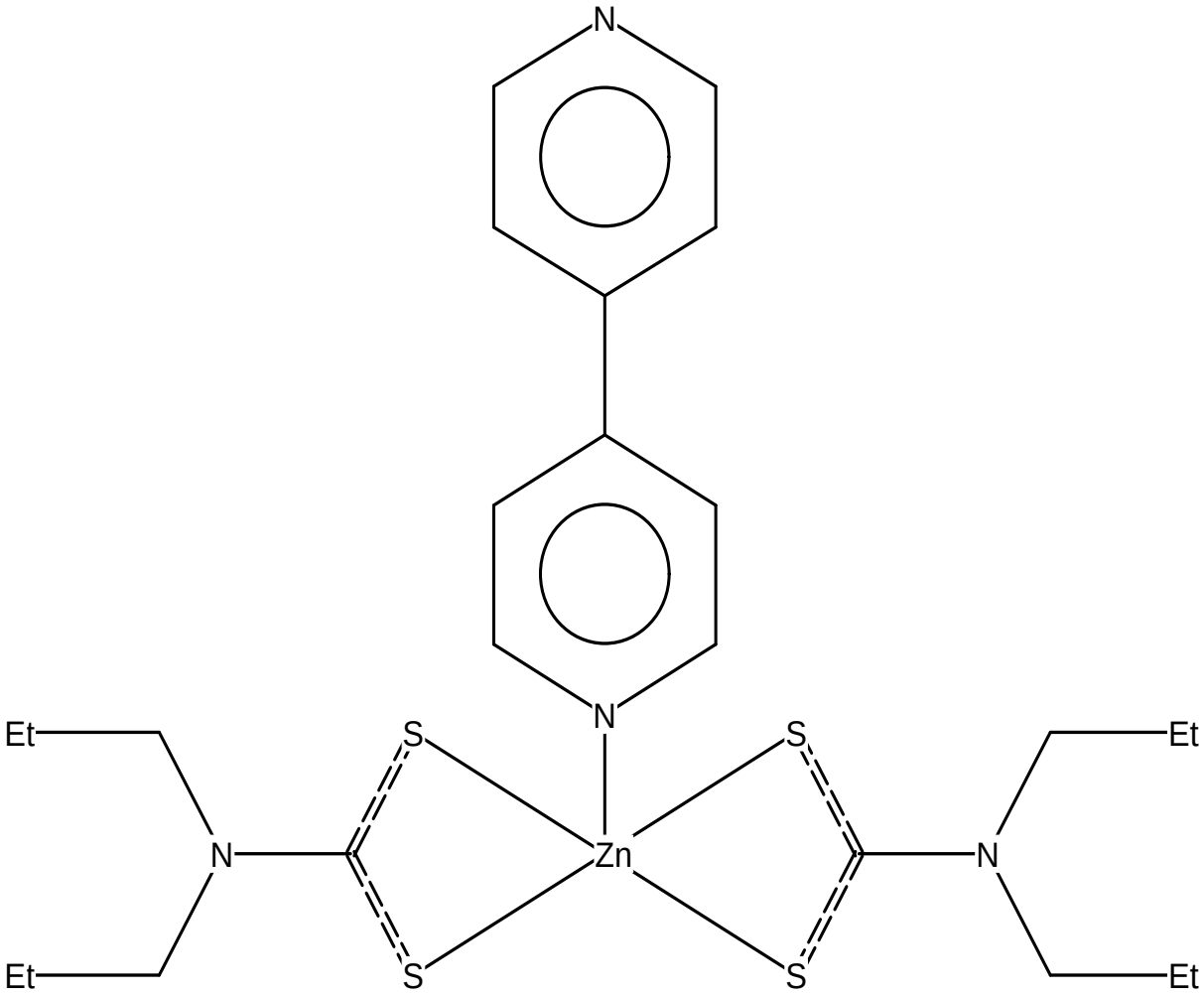
Reference: R.F.Klevtsova, L.A.Glinskaya, E.I.Berus, S.V.Larionov (2001) *Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.)* ,**42,**766

Formula: $C_{24}\ H_{36}\ N_4\ S_4\ Zn_1$

Compound Name: bis(Di-propyldithiocarbamato-S,S')-(4,4'-bipyridine-N)-zinc(ii)

Space Group:	P21/c	***Cell:***	***a***	16.560(2)	***b***	11.423(1)	***c***	15.319(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.27(1)	γ	90.00

R-Factor (%): 5.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.320



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2849

XINQOA

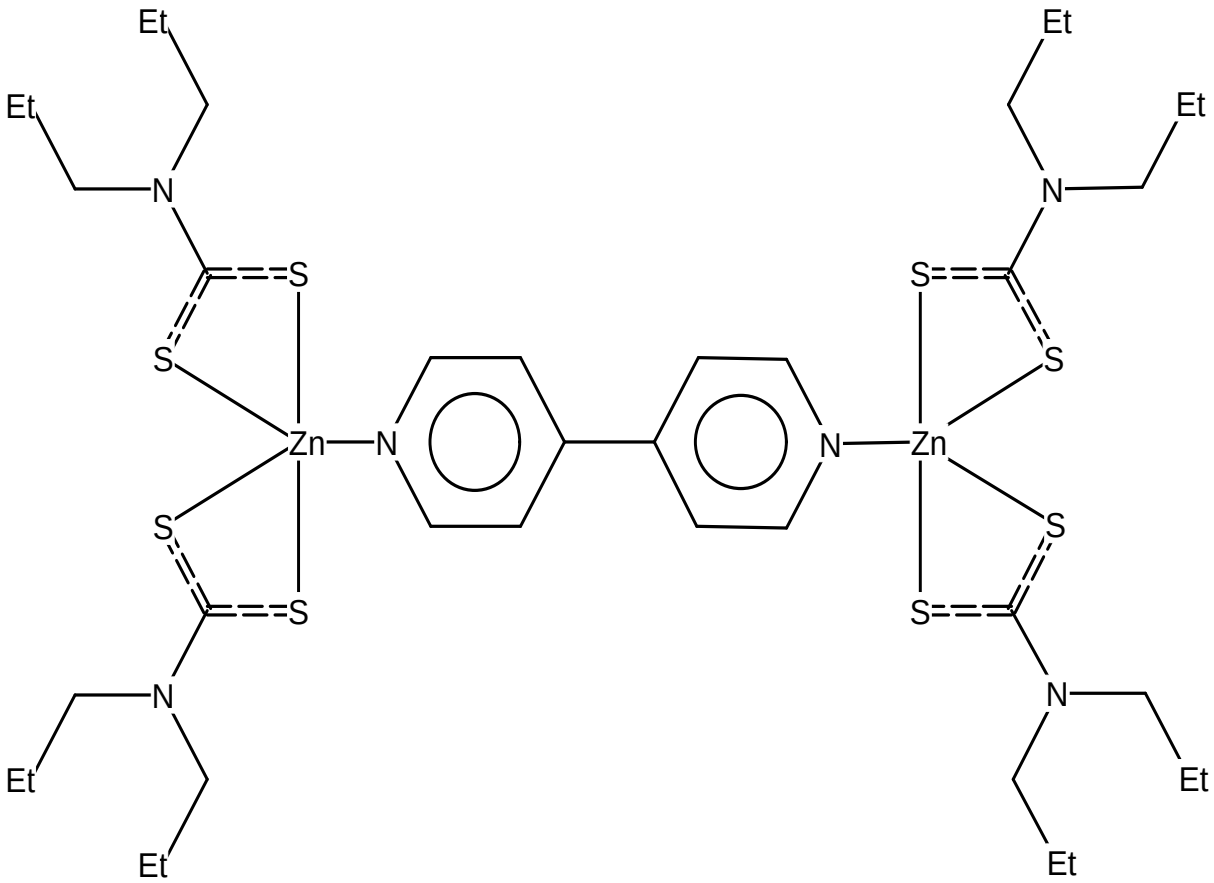
Reference: R.F.Klevtsova, L.A.Glinskaya, E.I.Berus, S.V.Larionov (2001) *Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.)* ,**42,**766

Formula: $C_{38}\ H_{64}\ N_6\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-tetrakis(dipropyldithiocarbamato-S,S')-di-zinc(ii)

Space Group:	P21/n	***Cell:***	***a***	8.515(1)	***b*** 10.965(1)	***c***	27.816(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 95.86(1)	γ	90.00

R-Factor (%): 5.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.275



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2850

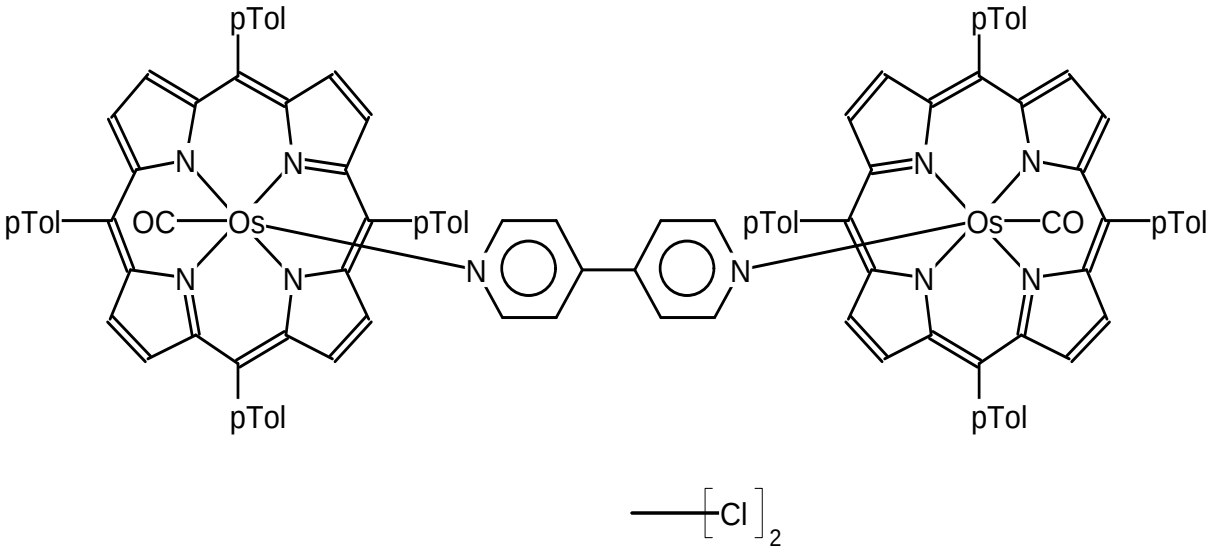
XINTAQ

Reference: C.Bando, A.Furukawa, K.Tsuge, K.Takaishi, Y.Sasaki, T.Imamura (2007) *Bull.Chem.Soc.Jpn.* ,**80,**1955

Formula: $C_{108}\ H_{80}\ N_{10}\ O_2\ Os_2,3(C_1\ H_2\ Cl_2)$

Compound Name: (μ_2-4,4'-Bipyridine)-dicarbonyl-bis(5,10,15,20-tetrakis(p-tolyl) porphyrinato)-di-osmium(ii) dichloromethane solvate

Space Group:	P-1	***Cell:***	***a*** 10.290(20)	***b*** 13.380(50)	***c*** 19.120(40)
Space Group No.:	2	***(Å,°)***	α 100.03(6)	β 95.56(6)	γ 99.52(6)
R-Factor (%):	5.00	***Temperature(K):***	153	***Density(g/cm^3):***	1.431



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2851

XINTUK

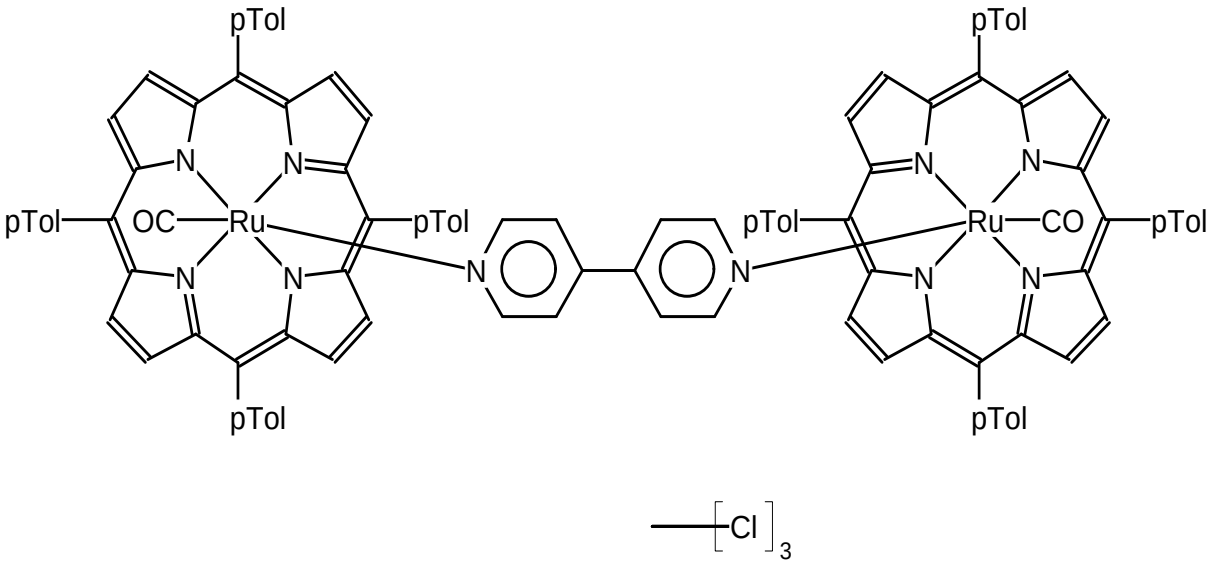
Reference: C.Bando, A.Furukawa, K.Tsuge, K.Takaishi, Y.Sasaki, T.Imamura (2007) *Bull.Chem.Soc.Jpn.* ,**80,**1955

Formula: $C_{108}\ H_{80}\ N_{10}\ O_2\ Ru_2$,6($C_1\ H_1\ Cl_3$)

Compound Name: (μ_2-4,4'-Bipyridine)-dicarbonyl-bis(5,10,15,20-tetrakis(p-tolyl) porphyrinato)-di-ruthenium(ii) chloroform solvate

Space Group:	P-1	***Cell:***	***a*** 16.740(20)	***b*** 19.570(30)	***c*** 10.762(13)
Space Group No.:	2	***(Å,°)***	α 110.30(2)	β 94.91(0)	γ 112.53(1)

R-Factor (%): 9.90 ***Temperature(K):*** 153 ***Density(g/cm^3):*** 1.387



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2852

XIQZED

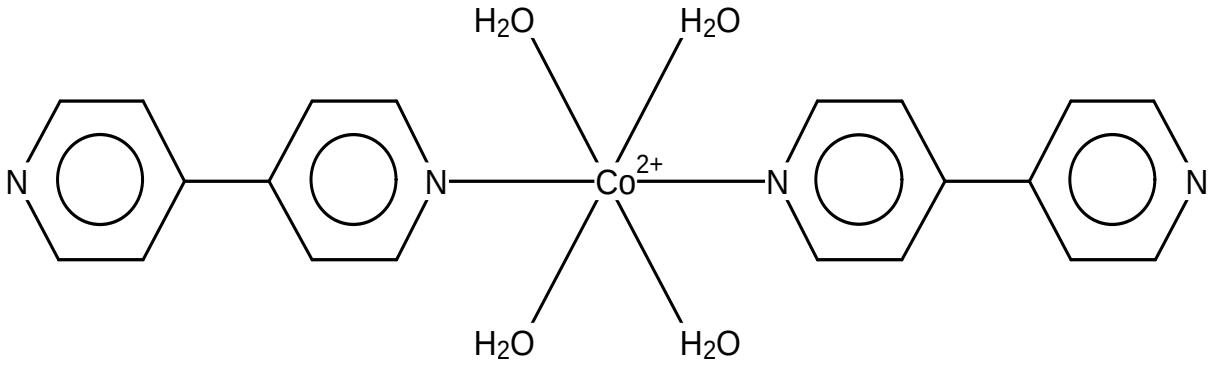
Reference: Jian-Ge Wang, Jian-Hua Qin, Su-Ping Zhou (2007)
*Z.Kristallogr.-New Cryst.Struct. ,***222,**315

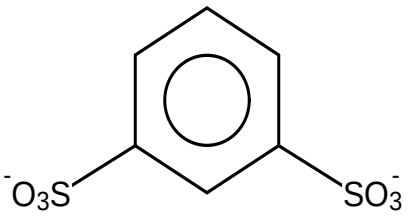
Formula: $2(C_{20}\ H_{24}\ Co_1\ N_4\ O_4\ ^{2+}),2(C_6\ H_4\ O_6\ S_2\ ^{2-}),5(H_2\ O_1)$

Compound Name: bis(Tetra-aqua-bis(4,4'-bipyidine)-cobalt(ii)) bis(1,3-benzenedisulfonate) pentahydrate

Space Group:	P-1	***Cell:***	***a***	7.078(1)	***b***	10.365(1)	***c***	21.981(4)
Space Group No.:	2	***(Å,°)***	α	88.47(0)	β	80.76(0)	γ	75.78(0)

R-Factor (%): 6.41 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.560





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2853

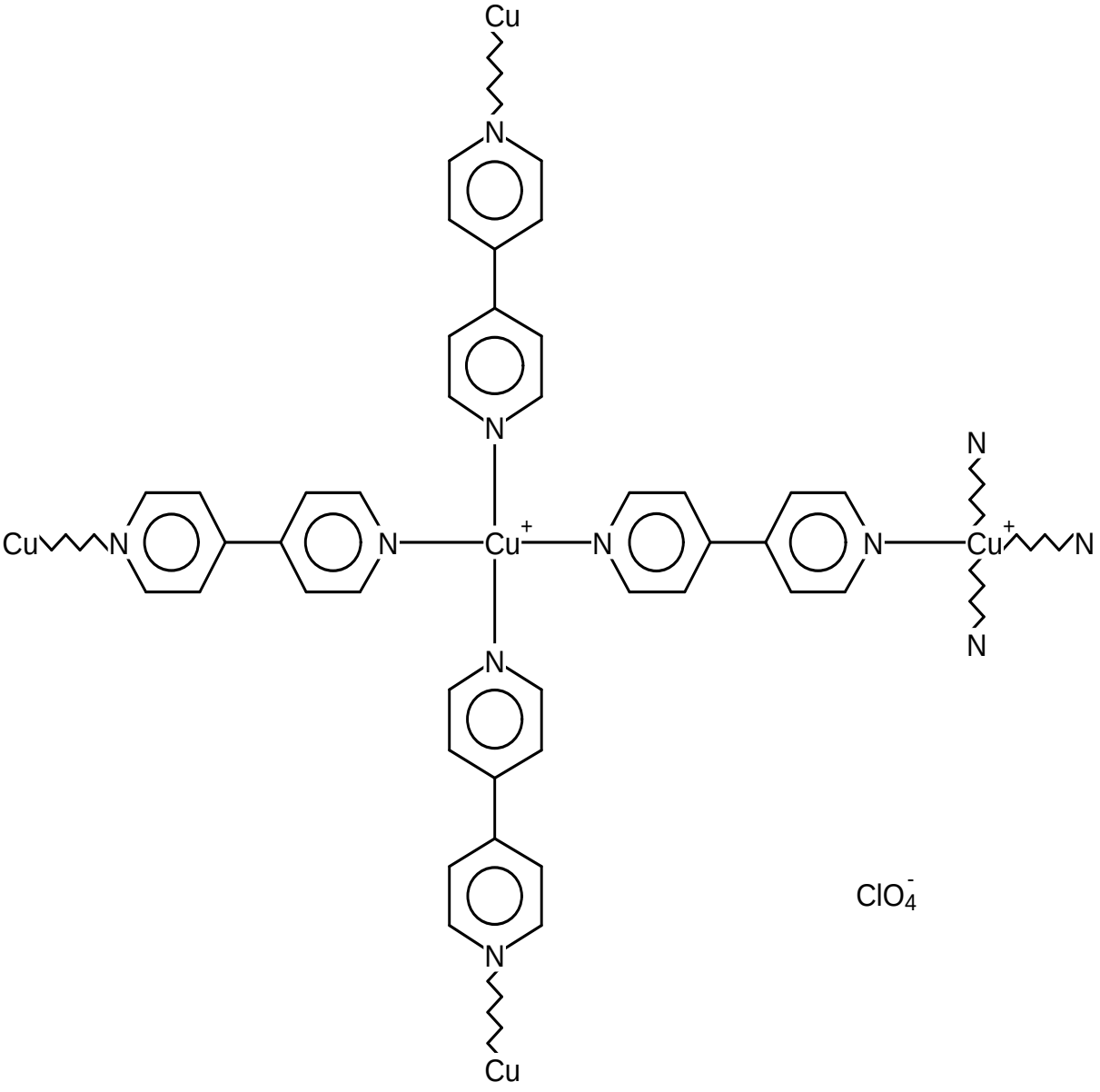
XIQZIH

Reference: Jian-Hua Qin, Xiao-Ling Li, Hui Guo (2007)
*Z.Kristallogr.-New Cryst.Struct. ,***222,**318

Formula: $(C_{40}\ H_{32}\ Cu_2\ N_8\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-[tetrakis(μ_2-4,4'-bipyridine)-di-copper(i) diperchlorate]

Space Group:	C2	***Cell:***	***a***	17.488(1)	***b***	16.511(1)	***c***	7.138(0)
Space Group No.:	5	***(Å,°)***	α	90.00	β	99.03(0)	γ	90.00
R-Factor (%):	6.38	***Temperature(K):***	291		***Density(g/cm^3):***	1.551		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2854

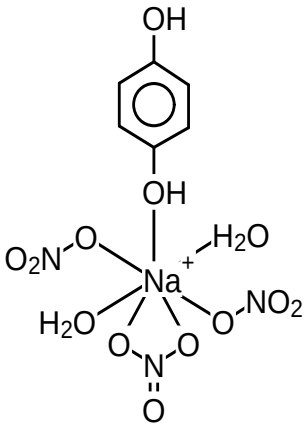
XIVGEP

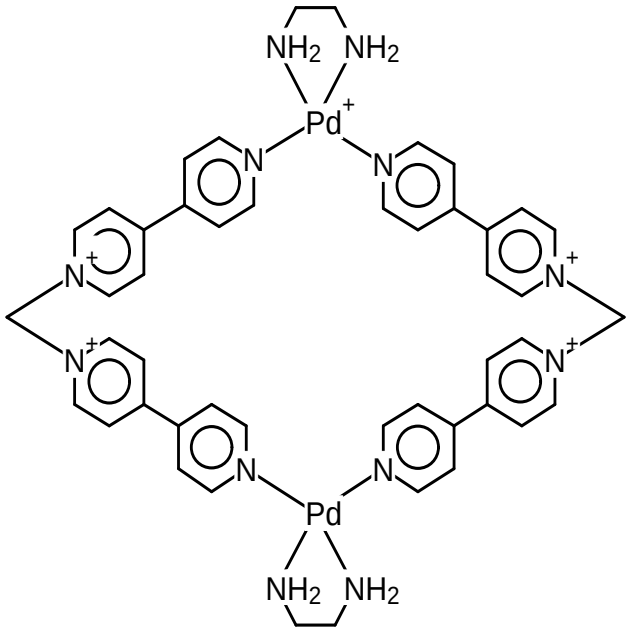
Reference: V.Blanco, M.Chas, D.Abella, E.Pia, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2008) *Org.Lett. ,***10,**409

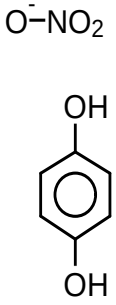
Formula: $C_6 H_{10} N_3 Na_1 O_{13}$ $^{1+}$,$C_{46} H_{52} N_{12} Pd_2$ $^{5+}$,6($N_1 O_3$ $^{1-}$),5($C_6 H_6 O_2$),6($H_2 O_1$)

Compound Name: Diaqua-bis(nitrato-O)-(nitrato-O,O')-(hydroquinone-O)-sodium bis(μ_2-1,1'-methylene-bis(4,4'-bipyridinium))-bis(ethylene-1,2-diamine)-di-palladium hexanitrate pentakis(hydroquinone) clathrate hexahydrate

Space Group:	P-1	***Cell:***	***a***	9.158(0)	***b*** 16.174(0)	***c***	34.354(1)
Space Group No.:	2	***(Å,°)***	α	94.13(0)	β 90.89(0)	γ	103.37(0)
R-Factor (%):	6.58	***Temperature(K):***	100		***Density(g/cm^3):***		1.596







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2855

XIVGIT

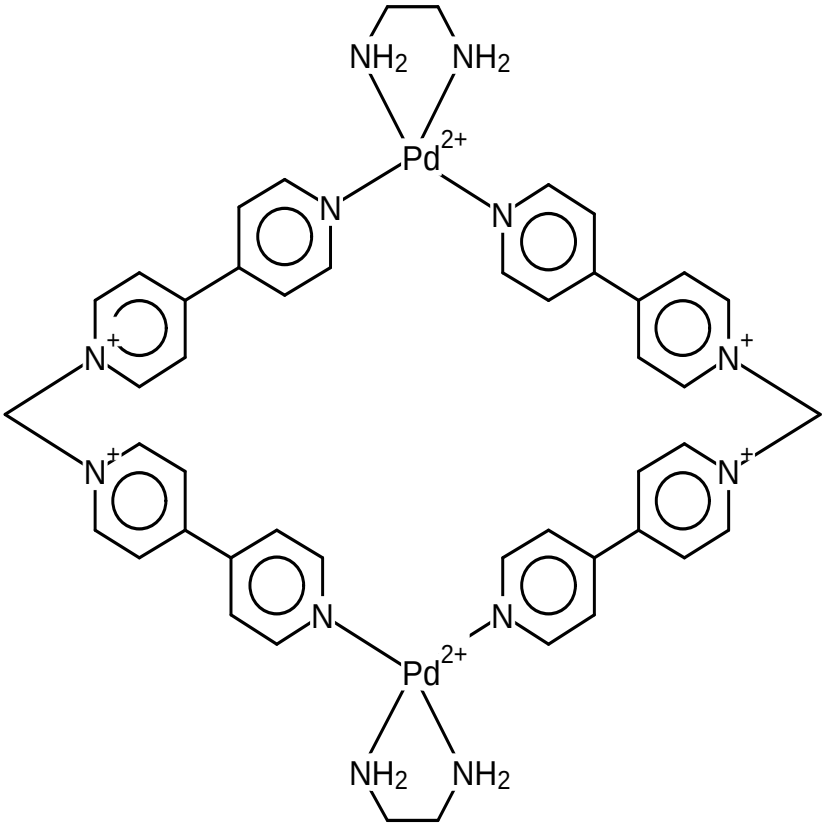
Reference: V.Blanco, M.Chas, D.Abella, E.Pia, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2008) *Org.Lett.* ,**10,**409

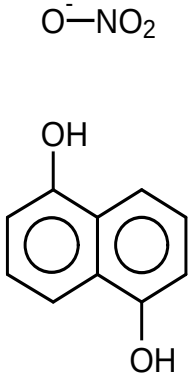
Formula: $C_{46}\ H_{52}\ N_{12}\ Pd_2\ ^{8+}$,8($N_1\ O_3\ ^{1-}$),3($C_{10}\ H_8\ O_2$),20($H_2\ O_1$)

Compound Name: bis(μ_2-1,1'-Methylene-bis(4,4'-bipyridinium))-bis(ethylene-1,2-diamine)-di-palladium octanitrate tris(1,5-dihydroxynaphthalene) clathrate icosahydrate

Space Group:	C2/c	***Cell:***	***a***	32.644(1)	***b*** 10.030(0)	***c***	29.255(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.33(0)	γ	90.00

R-Factor (%): 9.40 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.678





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2856

XIWBEL

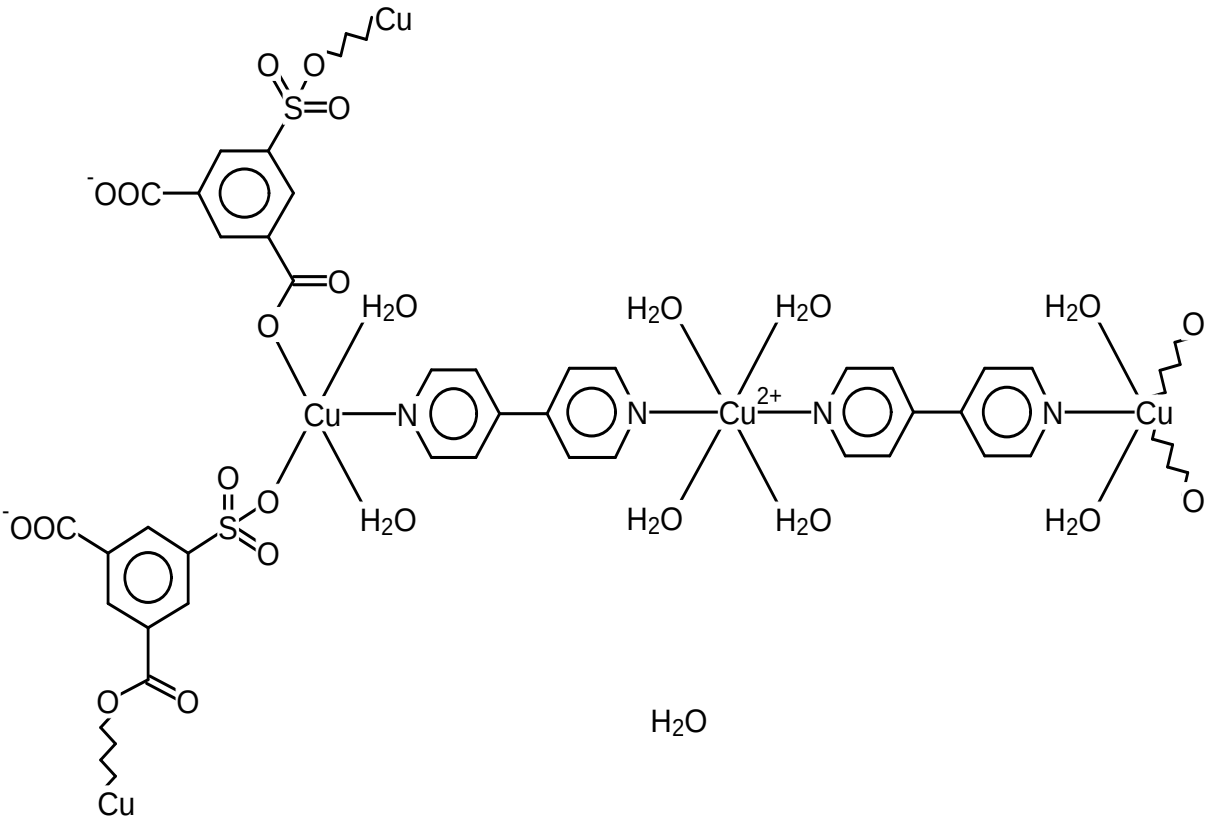
Reference: Yi-Li Zhou, Hong-Yin He (2008)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**24,**290

Formula: $(C_{36}\ H_{38}\ Cu_3\ N_4\ O_{22}\ S_2)n,6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4-Bipyridyl)-bis(μ_2-5-sulfonatobenzene-1,3-dicarboxylato)-octa-aqua-tri-copper(ii) hexahydrate)

Space Group:	P21/n	***Cell:***	***a***	9.631(1)	***b*** 18.408(1)	***c***	14.411(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.50(0)	γ	90.00

R-Factor (%): 3.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.712



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2857

XIWGUF

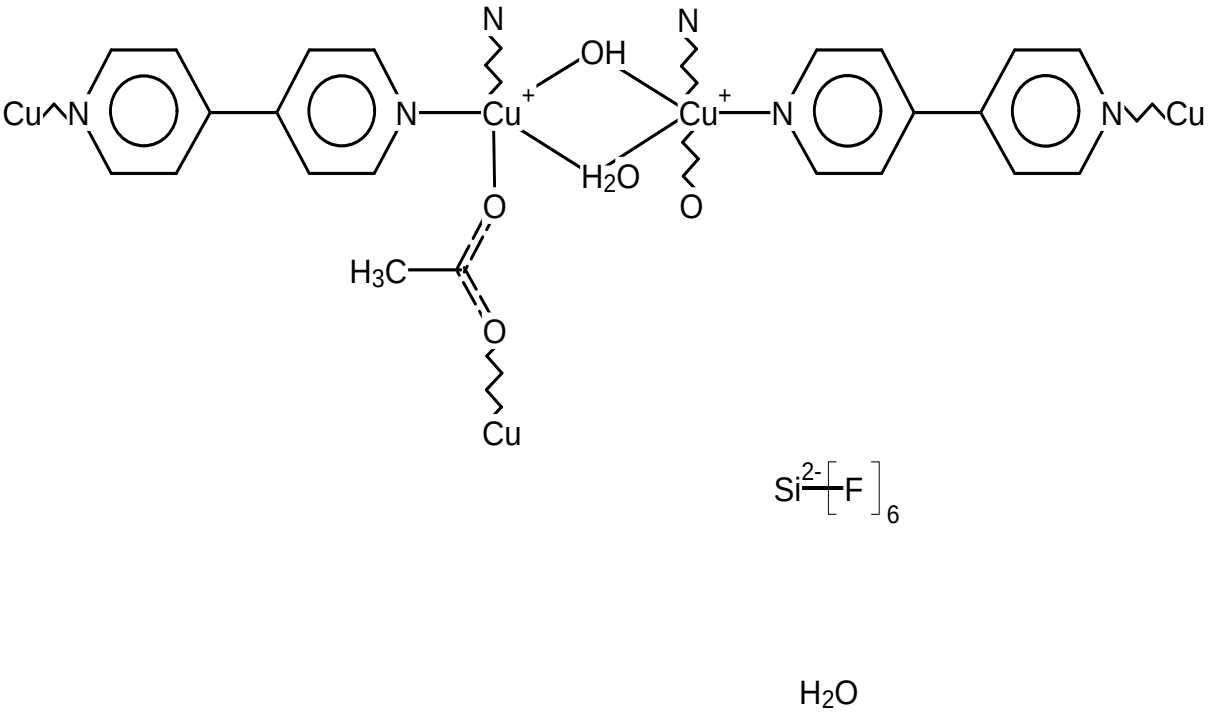
Reference: Long-Guan Zhu, S.Kitagawa (2002)
Inorg.Chem.Commun. ,**5,**358

Formula: $(C_{22}\ H_{22}\ Cu_2\ N_4\ O_4\ ^{2+})n,n(F_6\ Si_1\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-[(μ_2-Acetato)-(μ_2-aqua)-bis(μ_2-4,4'-bipyridyl)-(μ_2-hydroxo)-di-copper hexafluorosilicate dihydrate]

Space Group:	Pnma	***Cell:***	***a***	14.026(0)	***b***	11.141(2)	***c***	16.570(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.73 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.826



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2858

XIWHIV

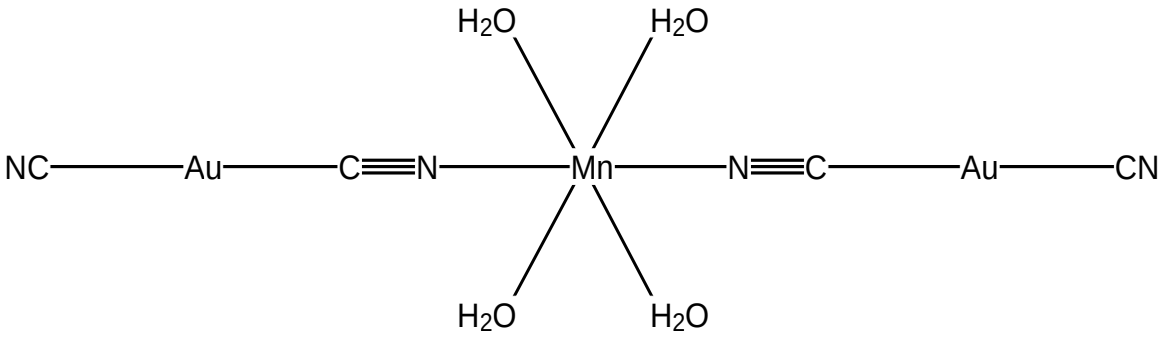
Reference: Wen Dong, Yan Ouyang, Li-Na Zhu, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan, Peng Cheng (2007) *Inorg.Chem.Commun. ,***10,**779

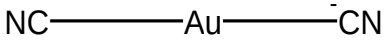
Formula: $C_4 H_8 Au_2 Mn_1 N_4 O_4$,2($C_2 Au_1 N_2^{1-}$),$C_{10} H_{10} N_2^{2+}$,$H_2 O_1$

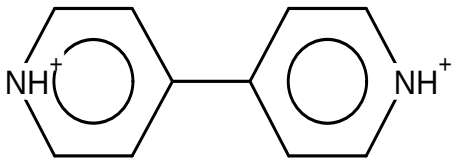
Compound Name: 4,4'-bipyridinium bis(dicyanido-gold(i)) bis(μ_2-cyanido)-tetraaqua-dicyanido-di-gold(i)-manganese(ii) monohydrate

Space Group:	P21/n	***Cell:***	***a***	7.049(2)	***b***	19.753(7)	***c*** 20.710(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.23(0)	γ 90.00

R-Factor (%): 4.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.032







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2859

XIWSAX

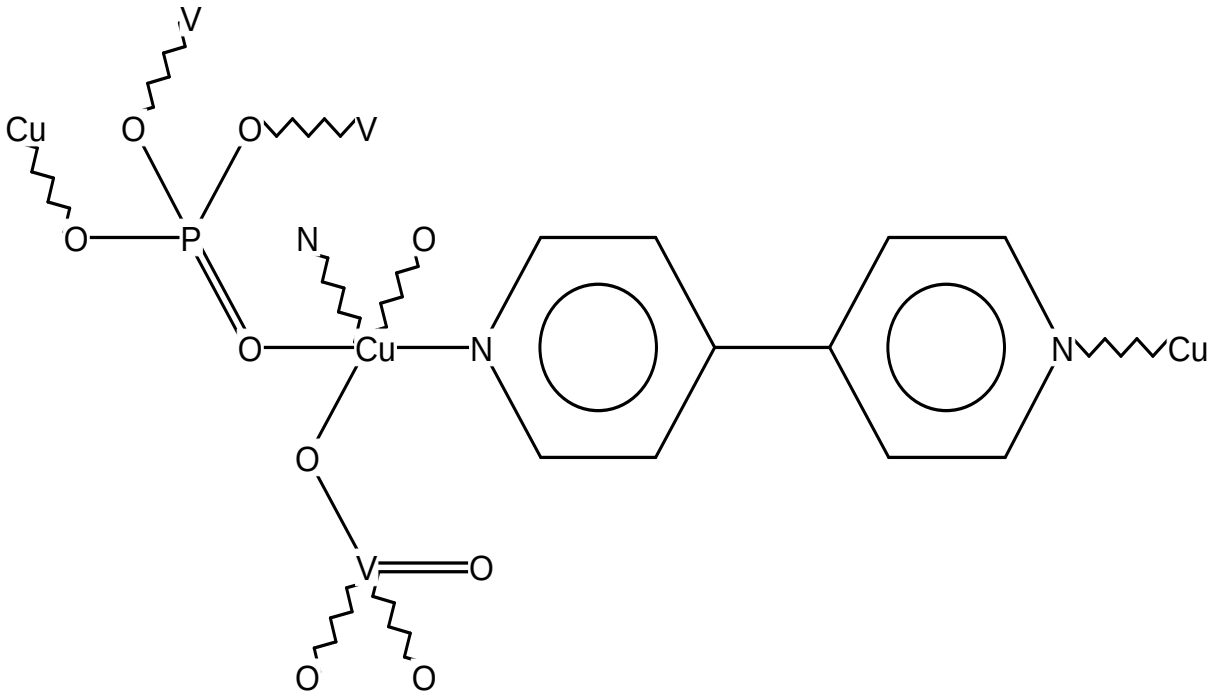
Reference: Zhan Shi, Shouhua Feng, Lirong Zhang, Guoyu Yang, Jia Hua (2000) *Chem.Mater.* ,**12,**2930

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ O_6\ P_1\ V_1)n$

Compound Name: catena-((μ_4-phosphato)-(μ_2-4,4'-bipyridine)-(μ_2-oxo)-oxo-copper-vanadium)

Space Group:	C2/c	***Cell:***	***a***	21.952(4)	***b*** 8.081(1)	***c***	15.918(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.69(0)	γ	90.00

R-Factor (%): 4.44 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.000



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2860

XIWSAX01

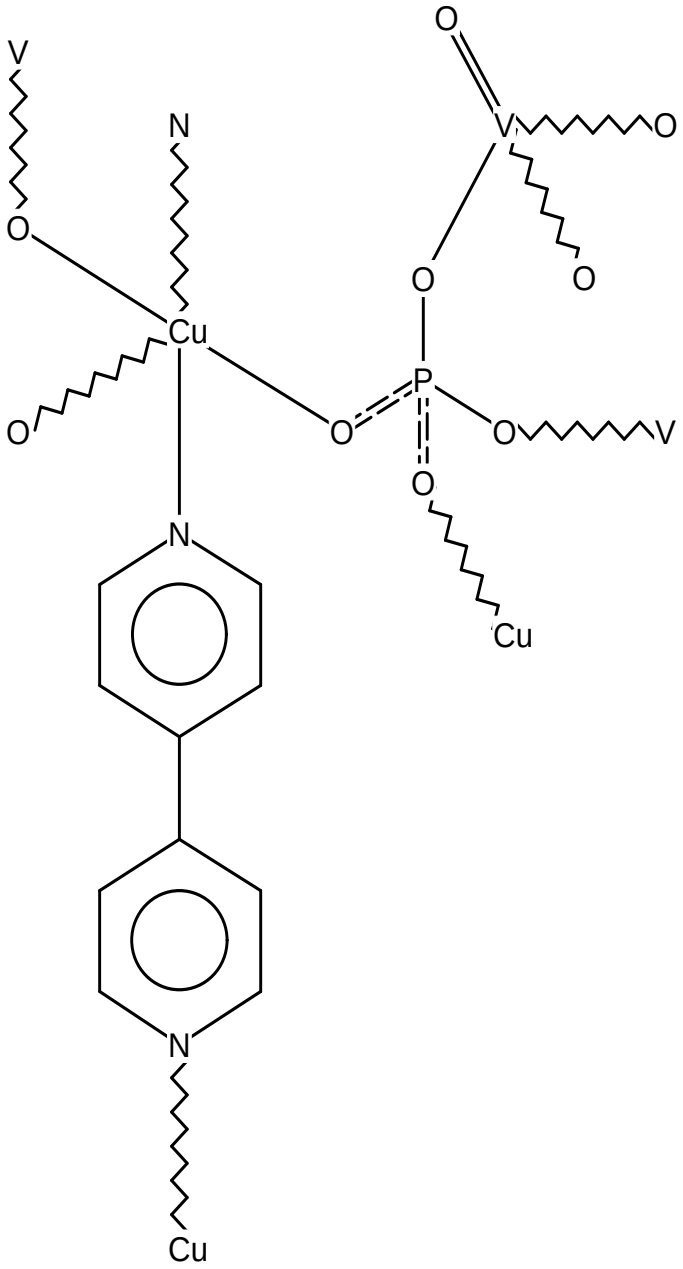
Reference: Chih-Min Wang, Kwang-Hwa Lii (2003)
*J.Solid State Chem. ,***172,**194

Formula: $(C_{10}\ H_8\ Cu_1\ N_2\ O_6\ P_1\ V_1)n$

Compound Name: catena-((μ_4-Phosphato)-(μ_2-4,4'-bipyridyl)-(μ_2-oxo)-oxo-copper(ii)-vanadium(v))

Space Group:	C2/c	***Cell:***	***a***	21.941(2)	***b*** 8.091(0)	***c***	15.856(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.42(0)	γ	90.00

R-Factor (%): 3.72 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 2.002



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2861

XIXGOA

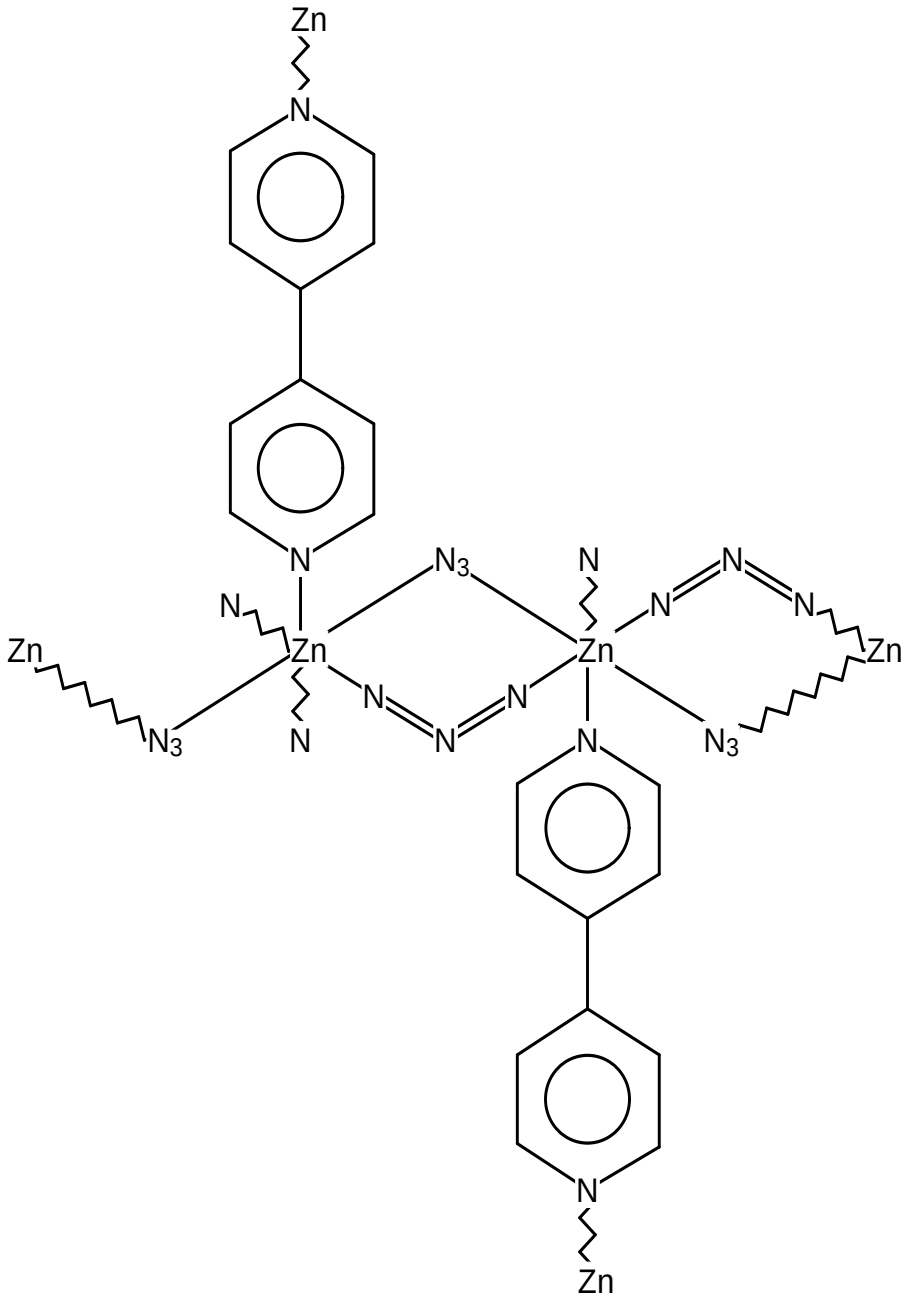
Reference: L.Pan, N.W.Zheng, Y.G.Wu, X.Y.Huang (1999)
J.Coord.Chem. ,**47,**551

Formula: $(C_{20}\ H_{16}\ N_{19}\ Zn_2)n$

Compound Name: catena-(bis((μ$_2$-Azido-N,N)-(μ$_2$-azido-N,N')-(μ$_2$-4,4'-bipyridine)-zinc(ii)))

Space Group:	C2/m	***Cell:***	***a***	16.000(2)	***b*** 11.442(1)	***c***	11.272(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β 120.75(1)	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.223



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2862

XIYPOL

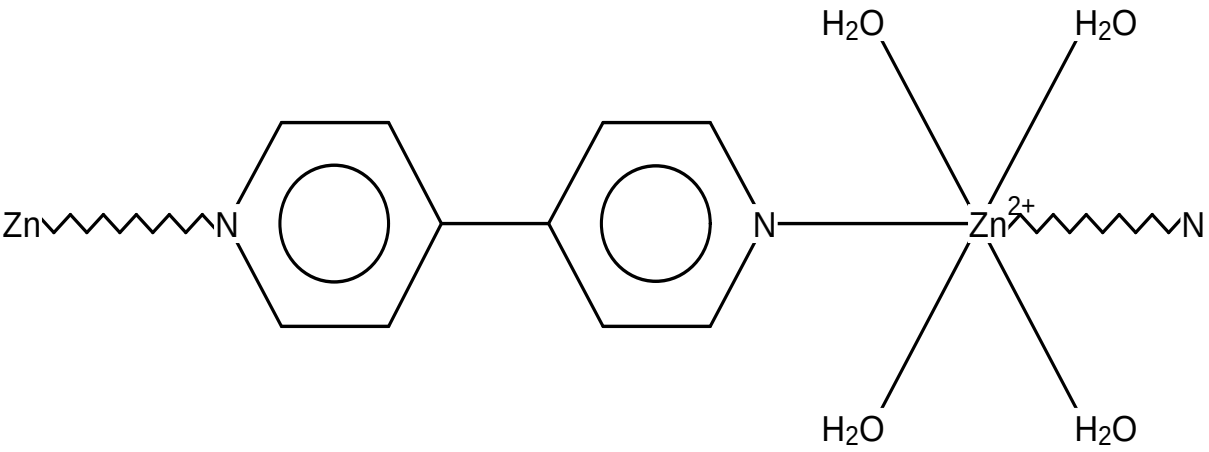
Reference: Yong Tian, Ya-Pan Wu, Dong-Sheng Li, Hui Wang, Ji-Wu Wang (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**64,** m662

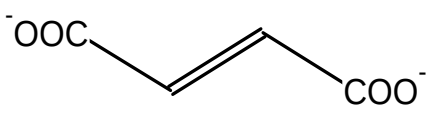
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(C_4\ H_2\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-κ^2N:N')-tetra-aqua-zinc(ii) fumarate tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	17.094(5)	***b***	11.394(3)	***c*** 13.082(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β	126.65(0)	γ 90.00

R-Factor (%): 4.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.559







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2863

XIZKOH

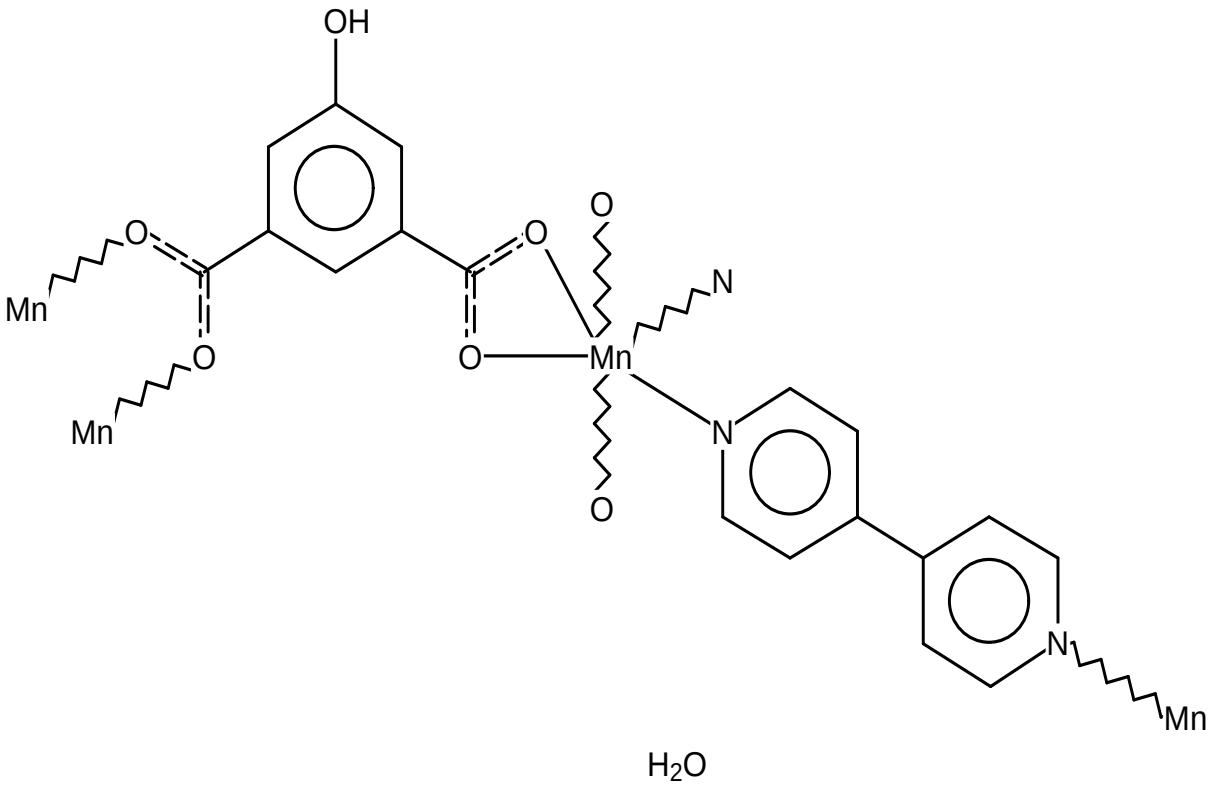
Reference: R.K.Feller, A.K.Cheetham (2008) *Dalton Trans.* ,2034

Formula: $(C_{18}\ H_{12}\ Mn_1\ N_2\ O_5)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_3-5-Hydroxyisophthalato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-manganese(ii) trihydrate)

Space Group:	P2/c	***Cell:***	***a***	10.173(1)	***b*** 11.640(1)	***c***	16.254(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.31(0)	γ	90.00

R-Factor (%): 5.81 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.579



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2864

XIZKUN

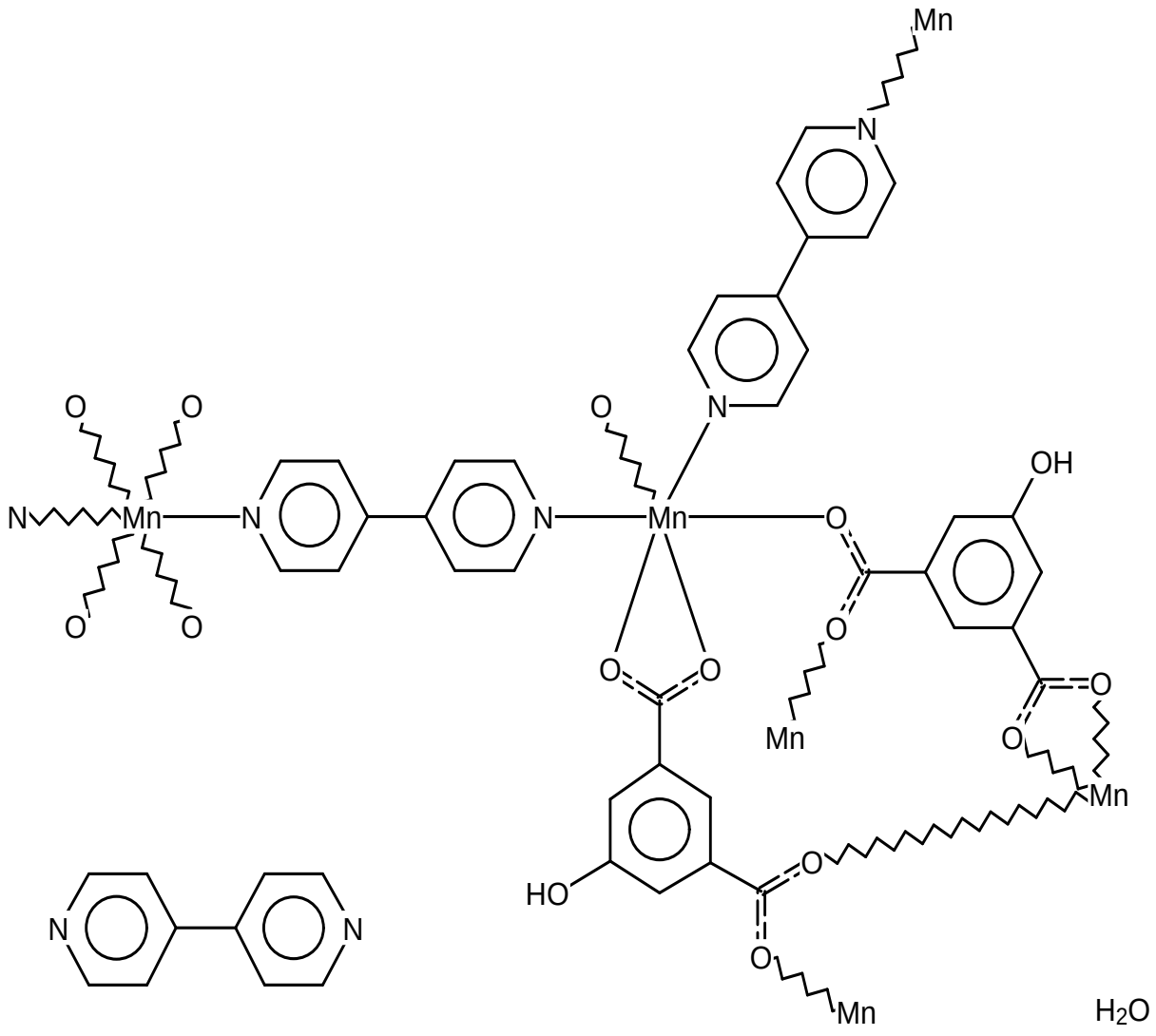
Reference: R.K.Feller, A.K.Cheetham (2008) *Dalton Trans.* ,2034

Formula: $(C_{36}\ H_{24}\ Mn_2\ N_4\ O_{10})n,0.5n(C_{10}\ H_8\ N_2),4n(H_2\ O_1)$

Compound Name: catena-(bis((μ3-5-Hydroxyisophthalato)-(μ2-4,4'-bipyridine))-di-manganese 4,4'-bipyridine solvate tetrahydrate)

Space Group:	P2/n	***Cell:***	***a***	11.690(0)	***b*** 10.177(0)	***c***	17.910(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.33(0)	γ	90.00

R-Factor (%): 7.28 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.488



Search: search1 (Thu May 26 10:05:42 2011): Hit 2865

XIZLAU

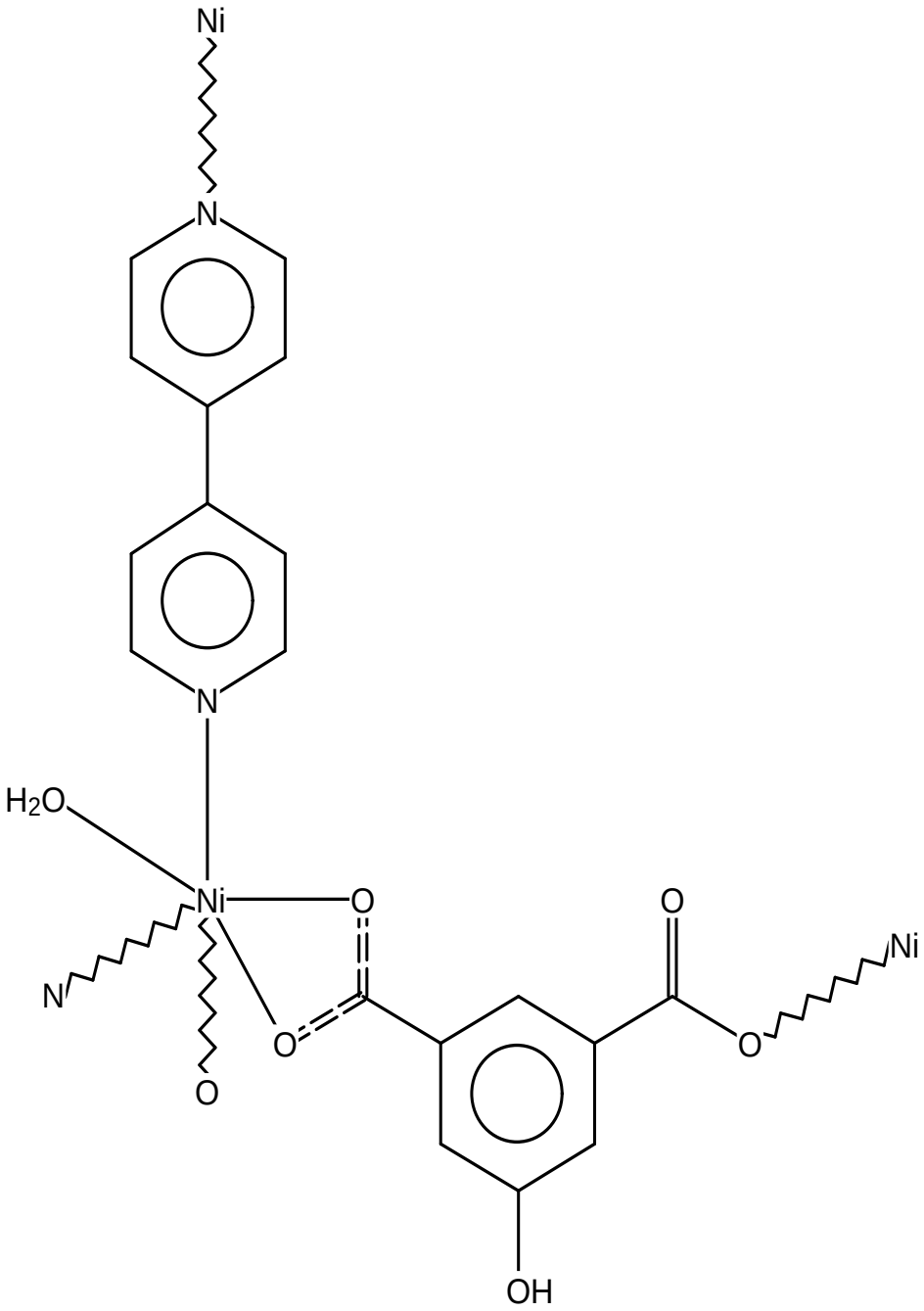
Reference: R.K.Feller, A.K.Cheetham (2008) *Dalton Trans.* ,2034

Formula: $(C_{18}\ H_{14}\ N_2\ Ni_1\ O_6)n$

Compound Name: catena-((μ_2-5-Hydroxyisophthalato)-(μ_2-4,4'-bipyridine)-aqua-nickel(ii))

Space Group:	P61	***Cell:***	***a***	11.222(0)	***b***	11.222(0)	***c*** 25.029(1)
Space Group No.:	169	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 4.97 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.508



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2866

XIZLEY

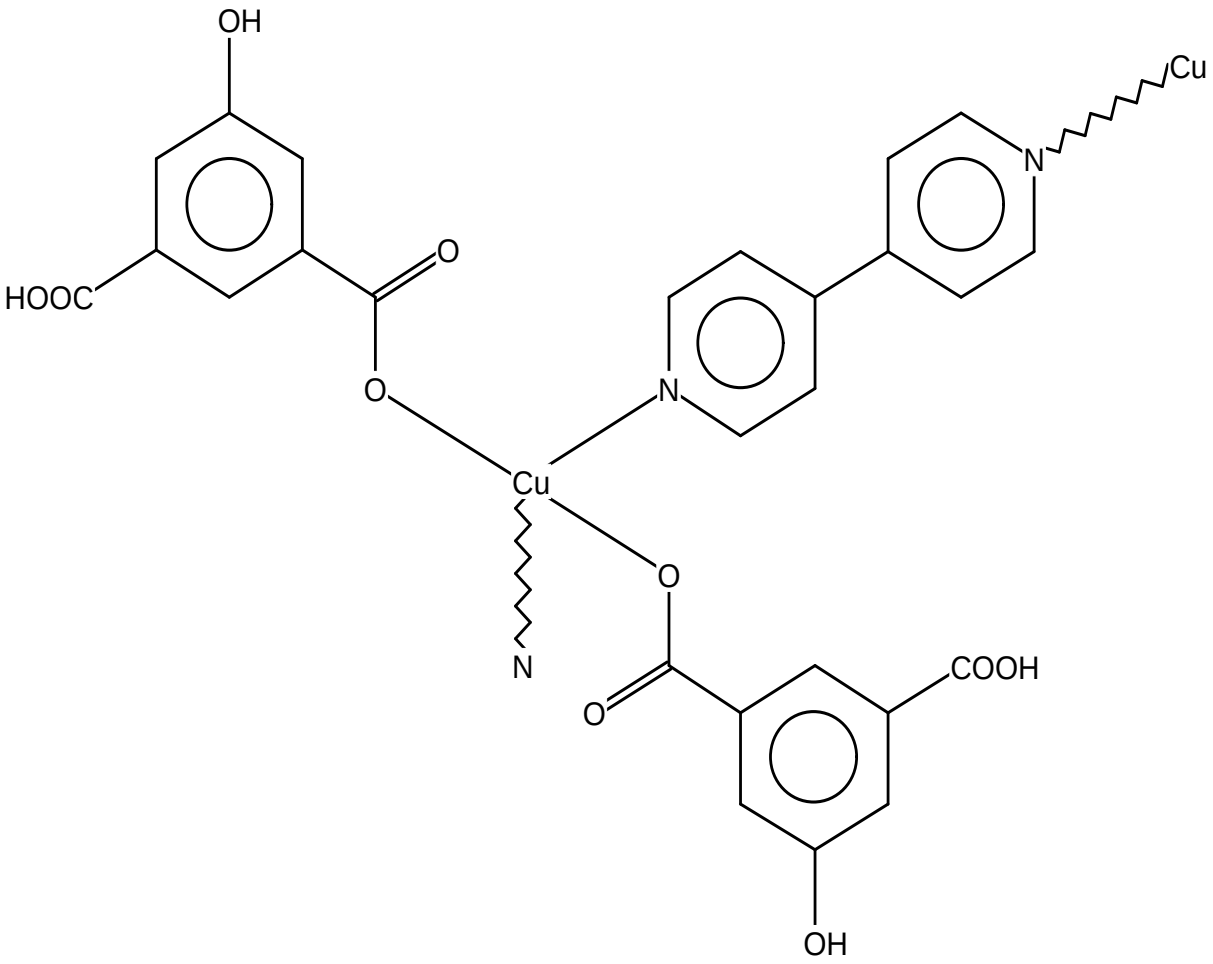
Reference: R.K.Feller, A.K.Cheetham (2008) *Dalton Trans.* ,2034

Formula: $(C_{26}\ H_{18}\ Cu_1\ N_2\ O_{10})n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(5-hydroxyisophthalato-O)-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	10.118(3)	***b***	11.051(3)	***c*** 21.051(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.03(0)	γ 90.00

R-Factor (%): 5.25 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.663



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2867

XIZLIC

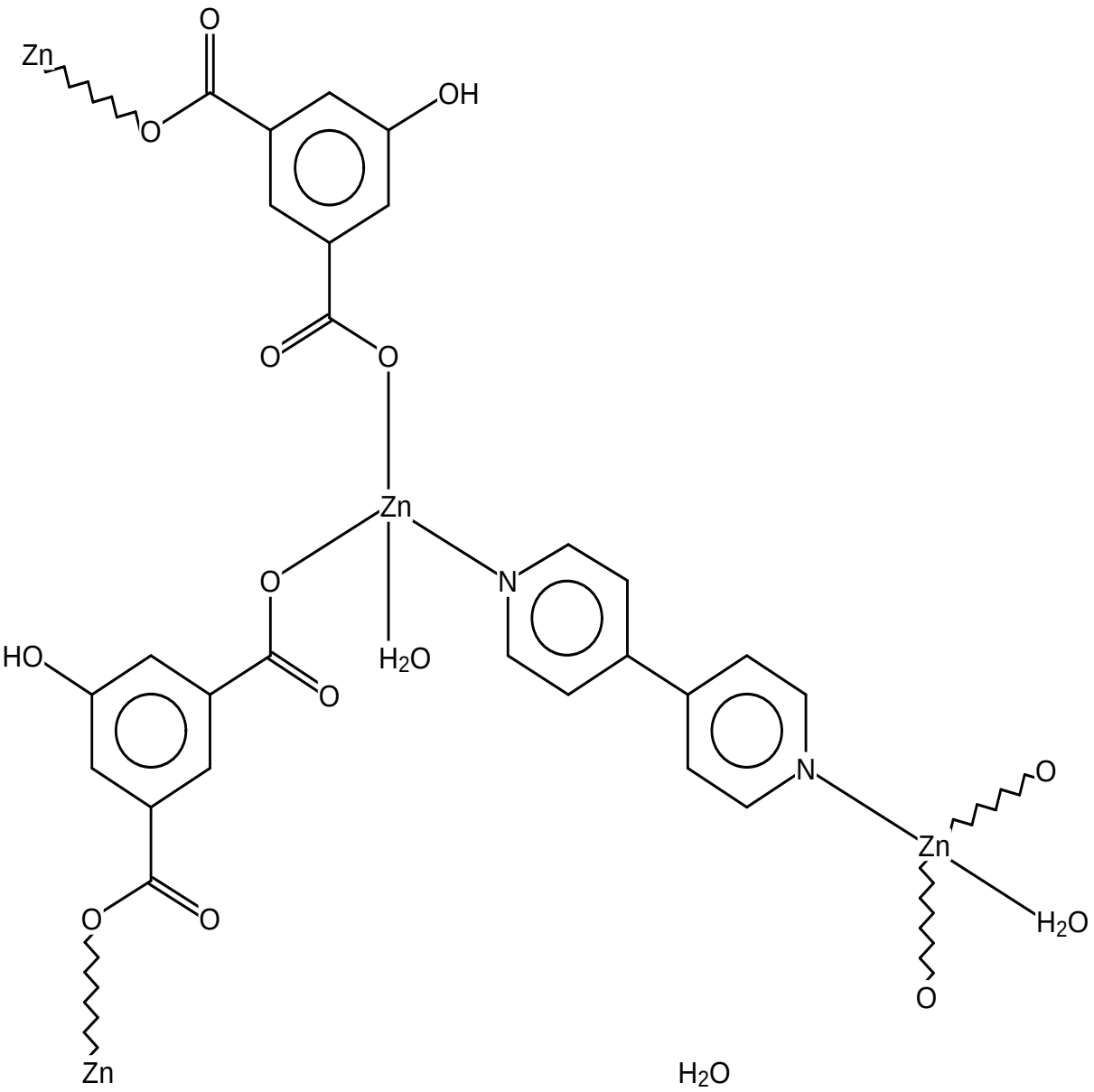
Reference: R.K.Feller, A.K.Cheetham (2008) *Dalton Trans.* ,2034

Formula: $(C_{26}\ H_{20}\ N_2\ O_{12}\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-5-hydroxyisophthalato-O,O')-diaqua-di-zinc(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	7.472(1)	***b***	9.617(1)	***c*** 10.106(1)
Space Group No.:	2	***(Å,°)***	α	100.59(0)	β	97.17(0)	γ 112.38(0)

R-Factor (%): 4.39 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.806



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2868

XOBDUO

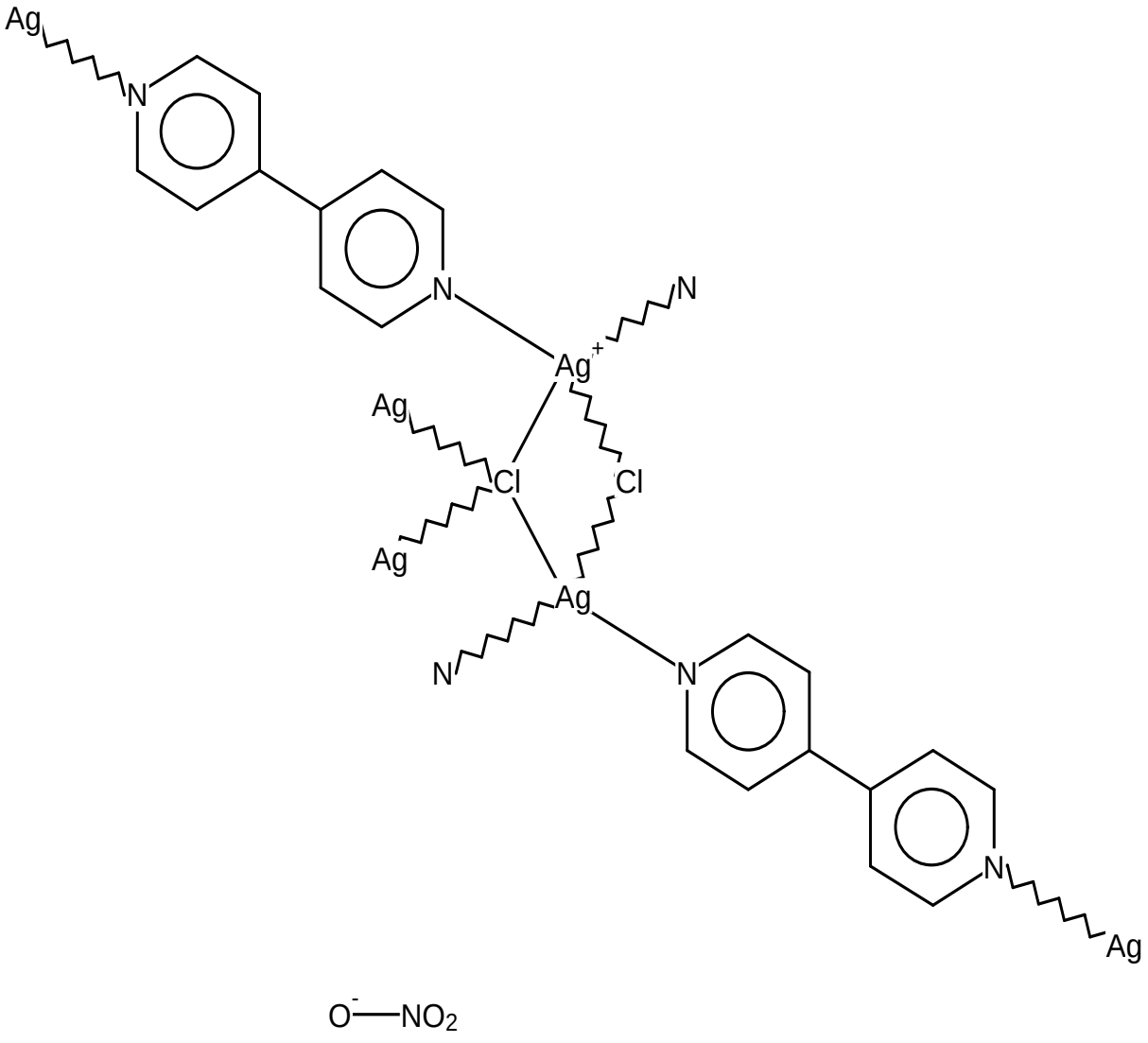
Reference: Lei Zhang, Zhao-Ji Li, Ye-Yan Qin, Jian Zhang, Jian-Kai Cheng, Pei-Xiu Yin, Yuan-Gen Yao (2008) *CrystEngComm* , **10,**655

Formula: $(C_{20}\ H_{16}\ Ag_2\ Cl_1\ N_4\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_4-Chloro)-bis(μ_2-4,4'-bipyridine-N,N')-di-silver(i) nitrate)

Space Group:	C222	***Cell:***	***a***	15.054(1)	***b***	21.856(1)	***c***	3.694(0)
Space Group No.:	21	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.51 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.709



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2869

XOBLOQ

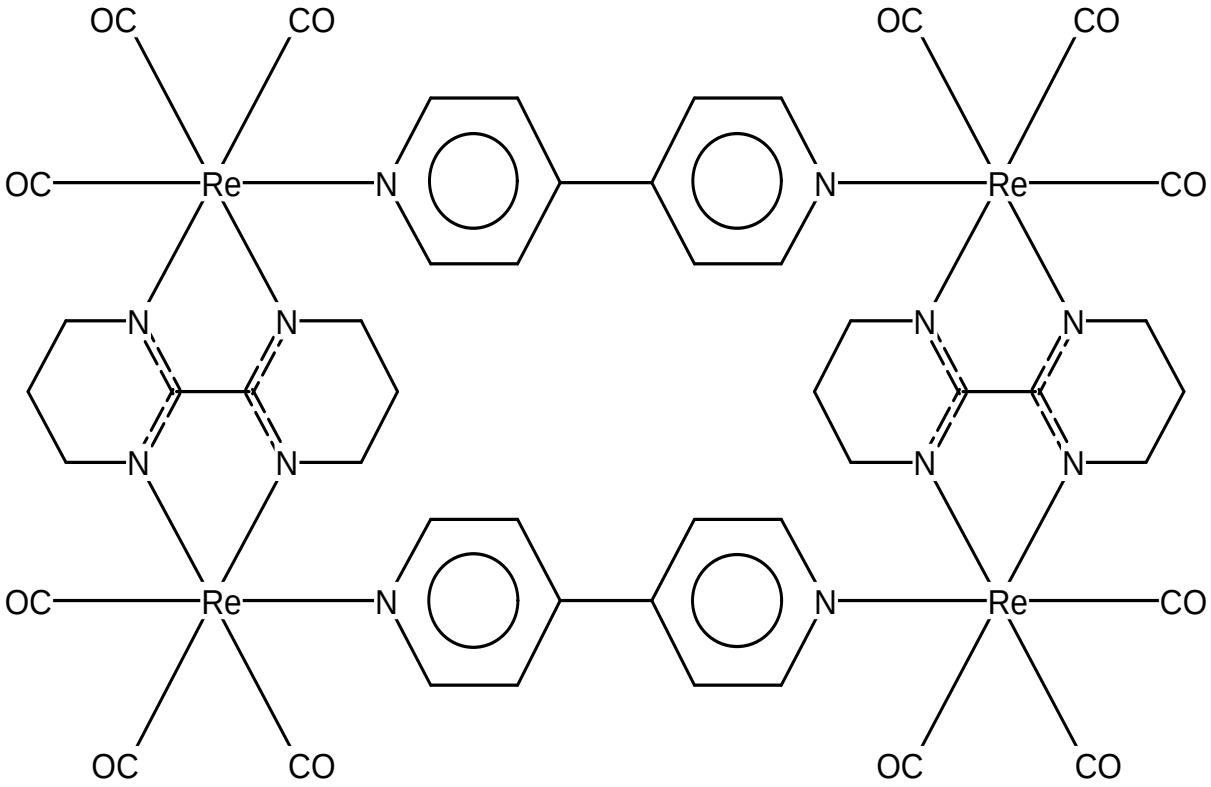
Reference: Jing-Yun Wu, P.Thanasekaran, Yi-Wei Cheng, Chung-Chou Lee, B.Manimaran, T.Rajendran, Rong-Tang Liao, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2008) *Organometallics* ,**27,**2141

Formula: $C_{48}\ H_{40}\ N_{12}\ O_{12}\ Re_4$

Compound Name: bis((μ$_2$-4,4'-Bipyridine)-(μ$_2$-4,4',5,5',6,6'-hexahydro-2,2'-bipyrimidinato-N^1,N$^{3'}$N$^{1'}$,N^3))-dodecacarbonyl-tetra-rhenium(i)

Space Group:	P21/c	***Cell:***	***a***	9.904(0)	***b*** 15.663(0)	***c***	17.565(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.42(0)	γ	90.00

R-Factor (%): 6.49 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.157



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2870

XOBWIV

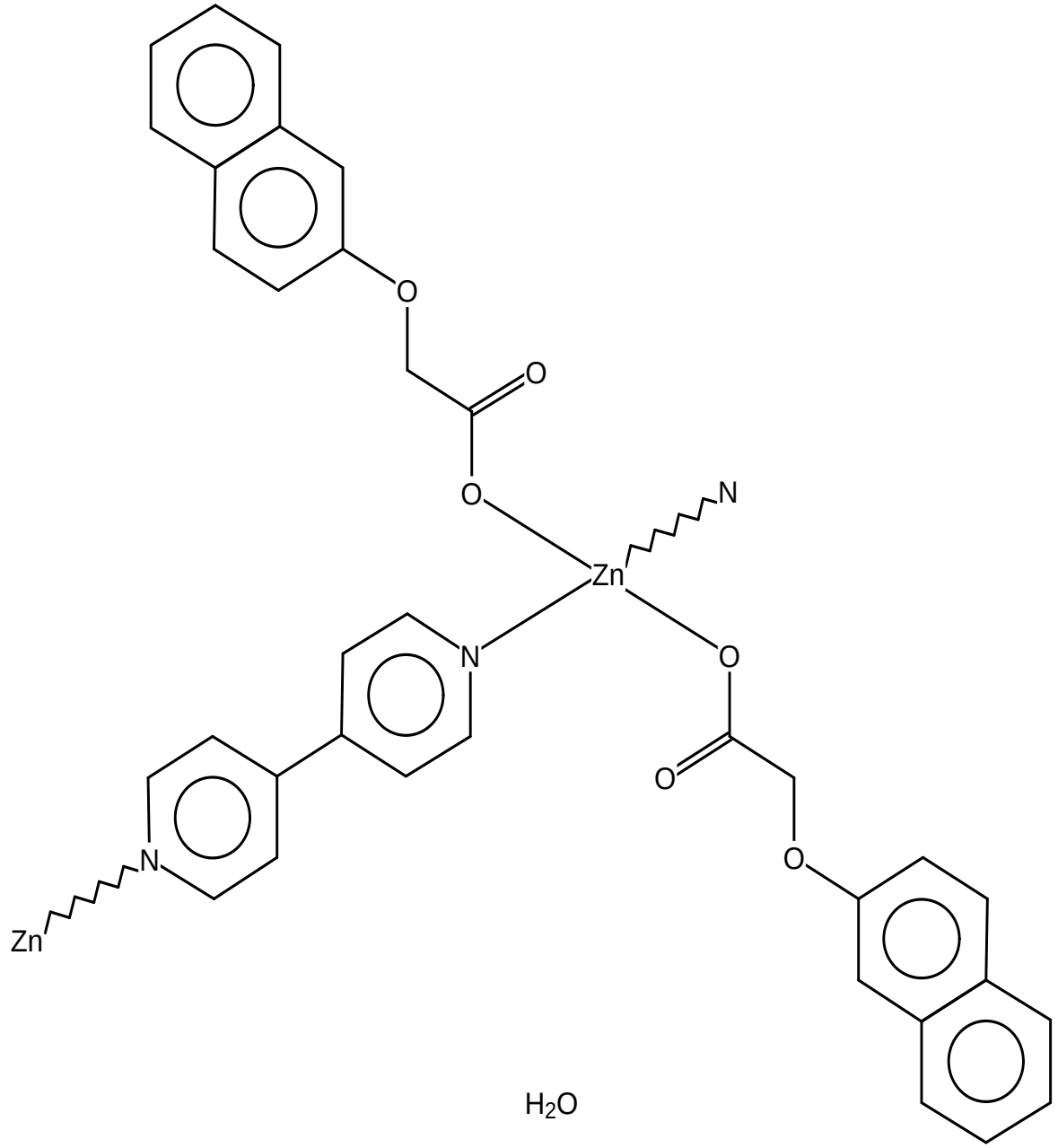
Reference: Wei-Qi Li, Xia Feng, Yun-Long Feng, Yi-Hang Wen (2008)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**27,**701

Formula: $(C_{34}\ H_{26}\ N_2\ O_6\ Zn_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-bis(2-(2-naphthyloxy)acetato)-zinc(ii) monohydrate)

Space Group:	P21/c	***Cell:***	***a***	7.734(0)	***b*** 19.383(0)	***c***	20.171(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.98(0)	γ	90.00

R-Factor (%):	4.06	***Temperature(K):***	296	***Density(g/cm^3):***	1.460



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2871

XODQAJ

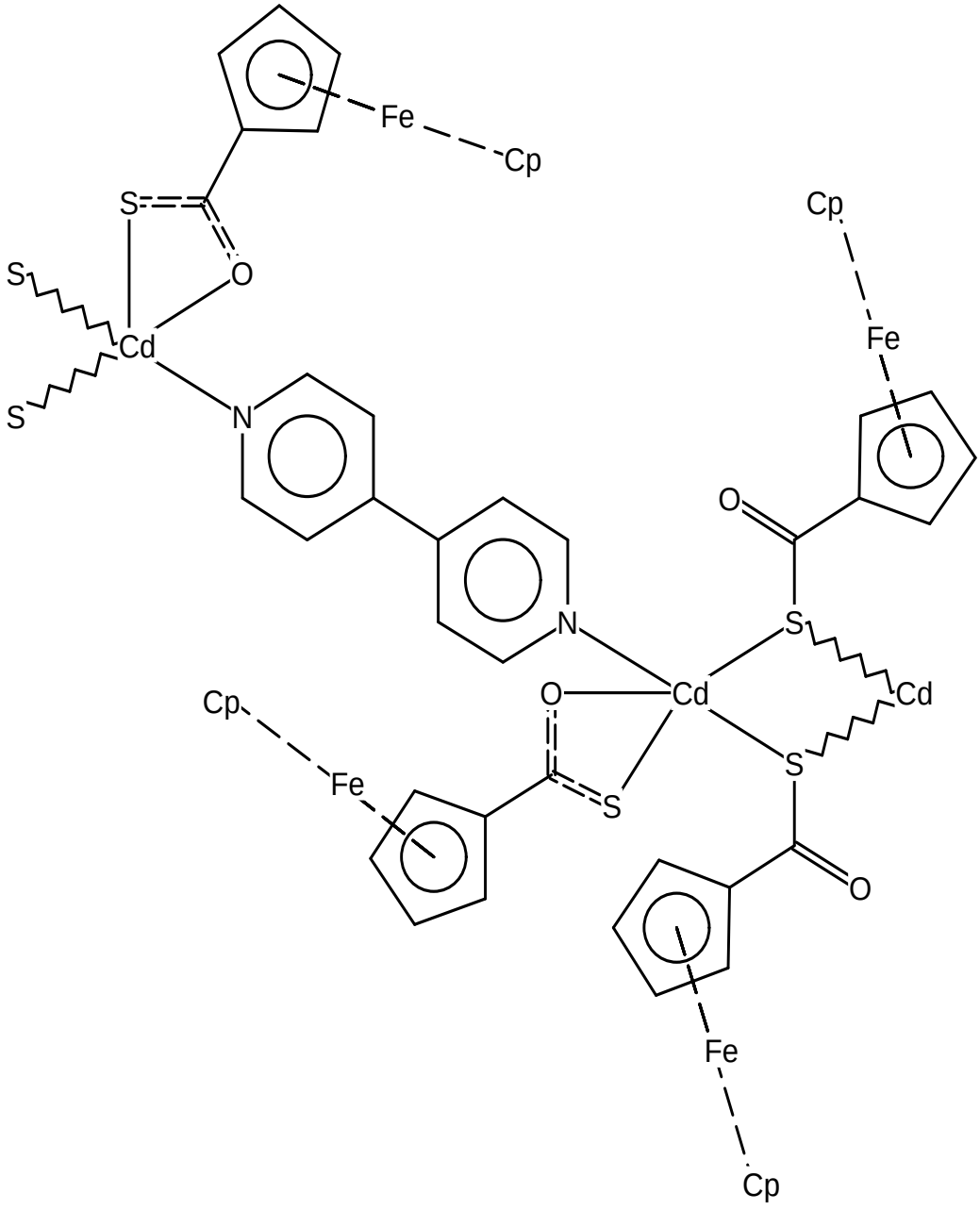
Reference: Haiyan Yang, Linke Li, Yinglin Song, Hongwei Hou, Yaoting Fan (2008) *J.Organomet.Chem. ,***693,**2624

Formula: $(C_{54}\ H_{44}\ Cd_2\ Fe_4\ N_2\ O_4\ S_4)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-ferrocenylthiocarboxylato-S,S)-bis(ferrocenylthiocarboxylato-S,O)-di-cadmium(ii)]

Space Group:	P-1	***Cell:***	***a***	7.597(1)	***b***	12.149(2)	***c***	14.206(3)
Space Group No.:	2	***(Å,°)***	α	69.11(3)	β	86.42(3)	γ	85.62(3)

R-Factor (%): 4.48 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.852



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2872

XODRIR

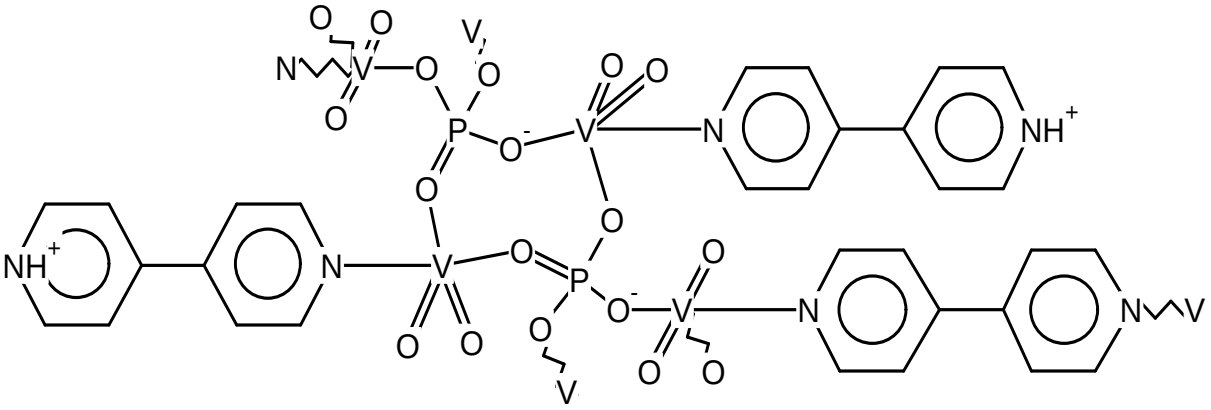
Reference: Li-Hsun Huang, Hsien-Ming Kao, Kwang-Hwa Lii (2002) *Inorg.Chem. ,***41,**2936

Formula: $(C_{30}\ H_{26}\ N_6\ O_{16}\ P_2\ V_4)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4-bipyridine)-bis((μ_2-4,4-bipyridinium)-(μ_2-phosphato)-tetra-oxo-di-vanadium(v)) dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.906(0)	***b*** 10.220(0)	***c***	12.134(0)
Space Group No.:	2	***(Å,°)***	α	113.47(0)	β 95.72(0)	γ	94.44(0)

R-Factor (%): 3.53 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.924



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2873

XODROX

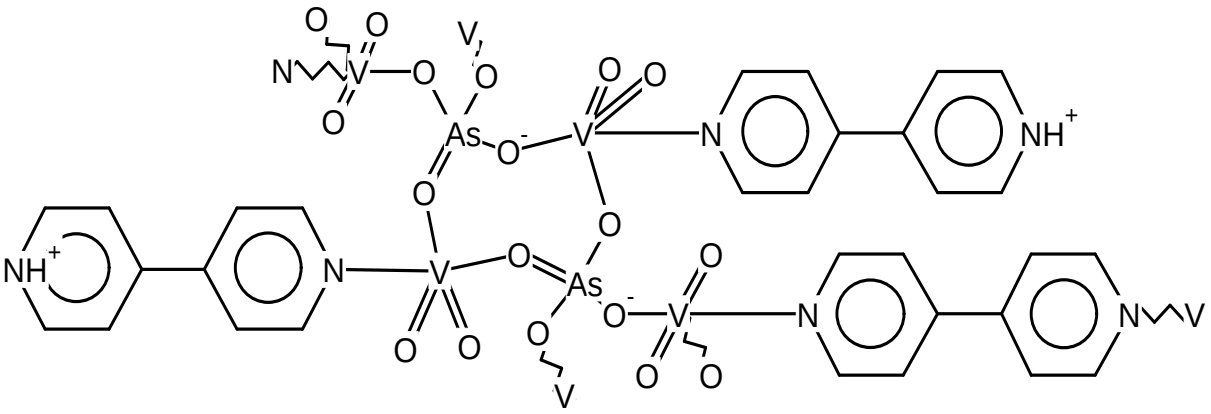
Reference: Li-Hsun Huang, Hsien-Ming Kao, Kwang-Hwa Lii (2002) *Inorg.Chem. ,***41,**2936

Formula: $(C_{30}\ H_{26}\ As_2\ N_6\ O_{16}\ V_4)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4-bipyridine)-bis((μ_2-4,4-bipyridinium)-(μ_2-arsenato)-tetra-oxo-di-vanadium(v)) dihydrate)

Space Group:	P-1	***Cell:***	***a***	7.884(0)	***b*** 10.369(0)	***c***	12.261(0)
Space Group No.:	2	***(Å,°)***	α	113.46(0)	β 95.56(0)	γ	94.59(0)

R-Factor (%): 2.45 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.043



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2874

XOHNAK

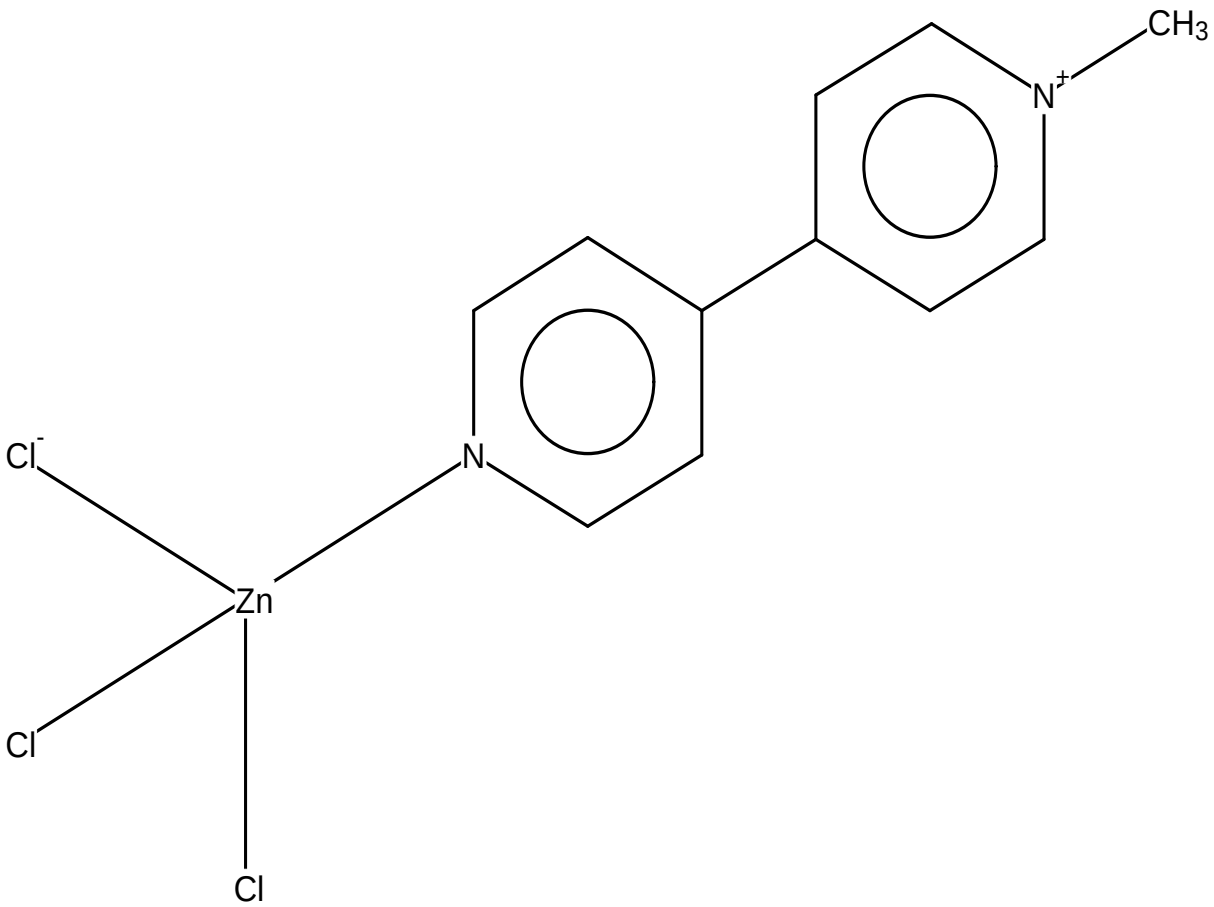
Reference: Wen-Ting Chen, Dong-Sheng Liu, Shao-Ming Ying, Hua-Long Chen, Ya-Ping Xu (2008) *Inorg.Chem.Commun.* ,**11,**1212

Formula: $C_{11}\ H_{11}\ Cl_3\ N_2\ Zn_1$

Compound Name: Trichloro-(1-methyl-4,4'-bipyridyl-1-ium)-zinc(ii)

Space Group:	P21/c	***Cell:***	***a***	10.523(0)	***b*** 22.295(1)	***c***	12.558(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.07(0)	γ	90.00

R-Factor (%): 4.55 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.636



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2875

XOHPEQ

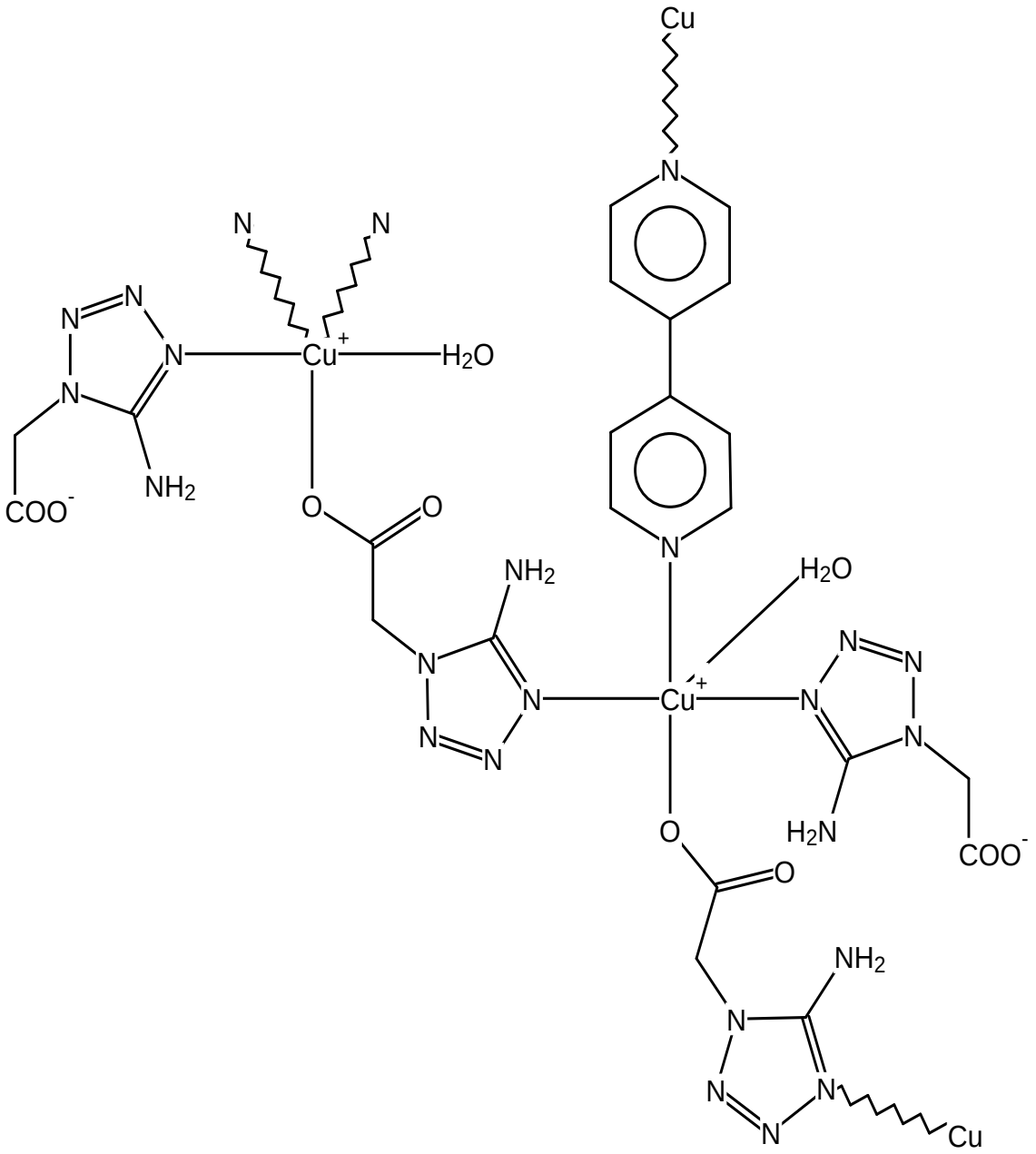
Reference: Gao-Wen Yang, Qiao-Yun Li, Yi Zhou, Guo-Qing Gu, Yun-Sheng Ma, Rong-Xin Yuan (2008) *Inorg.Chem.Commun. ,***11,**1239

Formula: $(C_{22}\ H_{28}\ Cu_2\ N_{22}\ O_{10})n$

Compound Name: catena-(bis(μ_2-2-(5-Aminotetrazol-1-yl)acetato-N,O)-(μ_2-4,4'-bipyridyl)-diaqua-bis(2-(5-aminotetrazol-1-yl)acetato-N)-di-copper(ii))

Space Group:	P21/c	***Cell:***	***a***	9.991(3)	***b*** 13.566(3)	***c***	12.381(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.20(0)	γ	90.00

R-Factor (%): 6.96 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.872



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2876

XOHQIV

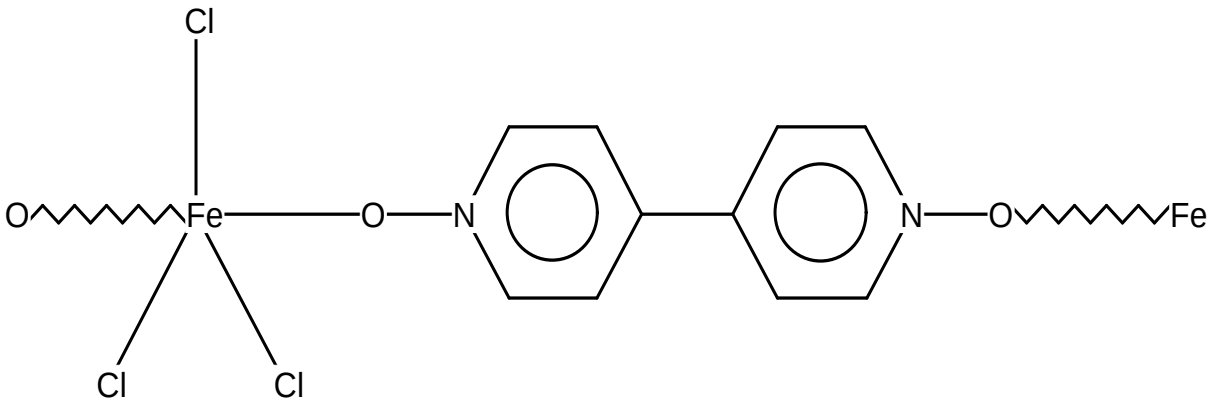
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{10}\ H_8\ Cl_3\ Fe_1\ N_2\ O_2)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-trichloro-iron(iii))

Space Group:	P21/n	***Cell:***	***a***	12.360(1)	***b*** 9.196(0)	***c***	12.517(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 115.16(0)	γ	90.00

R-Factor (%): 2.60 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.807



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2877

XOHQOB

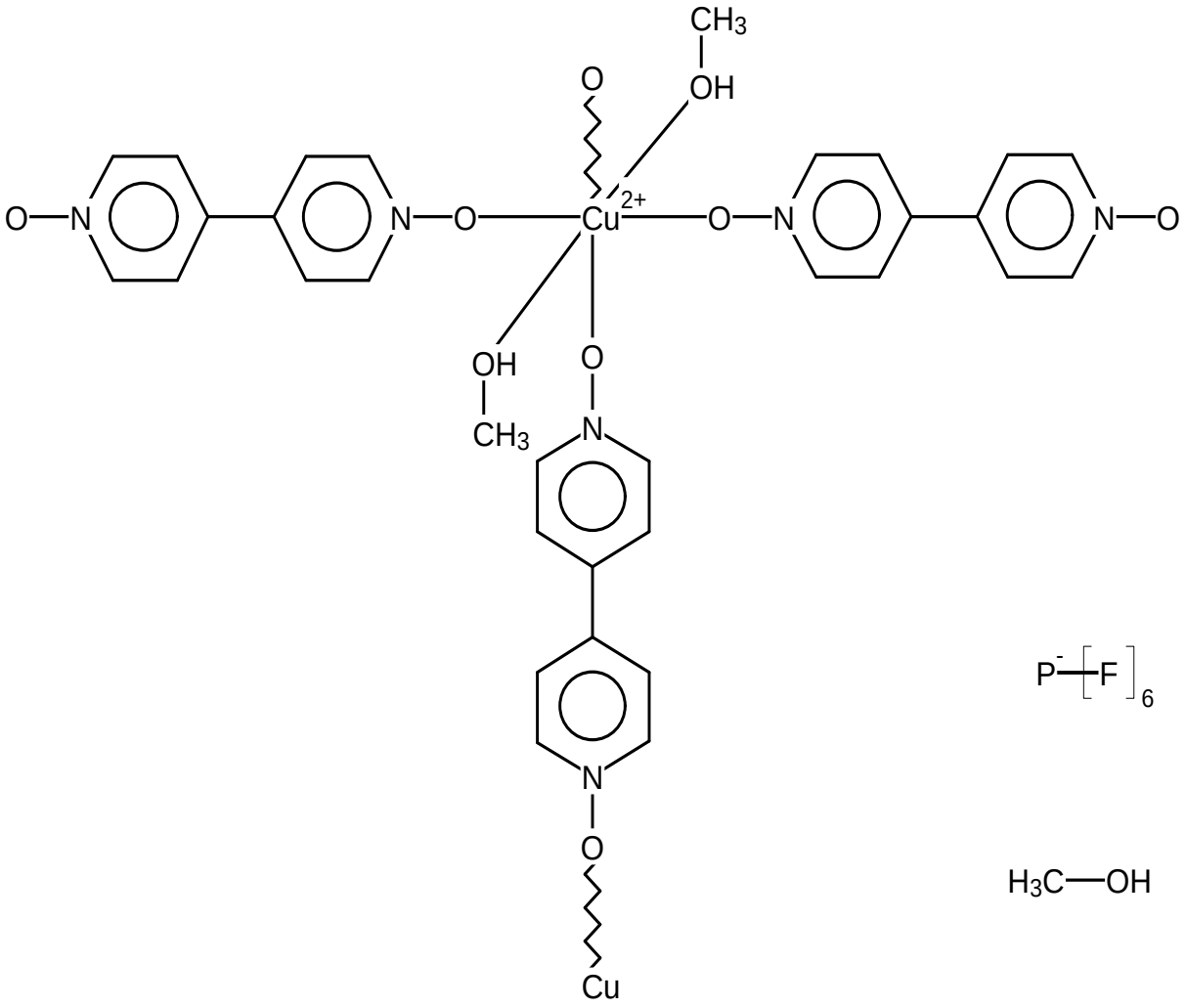
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{32}\ H_{32}\ Cu_1\ N_6\ O_8\ ^{2+})n,2n(F_6\ P_1\ ^{1-}),n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(4,4'-bipyridine-N,N'-dioxido-O)-bis(methanol)-copper(ii) bis(hexafluorophosphate) methanol solvate)

Space Group:	P2/c	***Cell:***	***a***	7.013(1)	***b***	10.059(2)	***c*** 28.818(5)
Space Group No.:	13	***(Å,°)***	α	90.00	β	90.71(0)	γ 90.00

R-Factor (%): 5.95 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.657



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2878

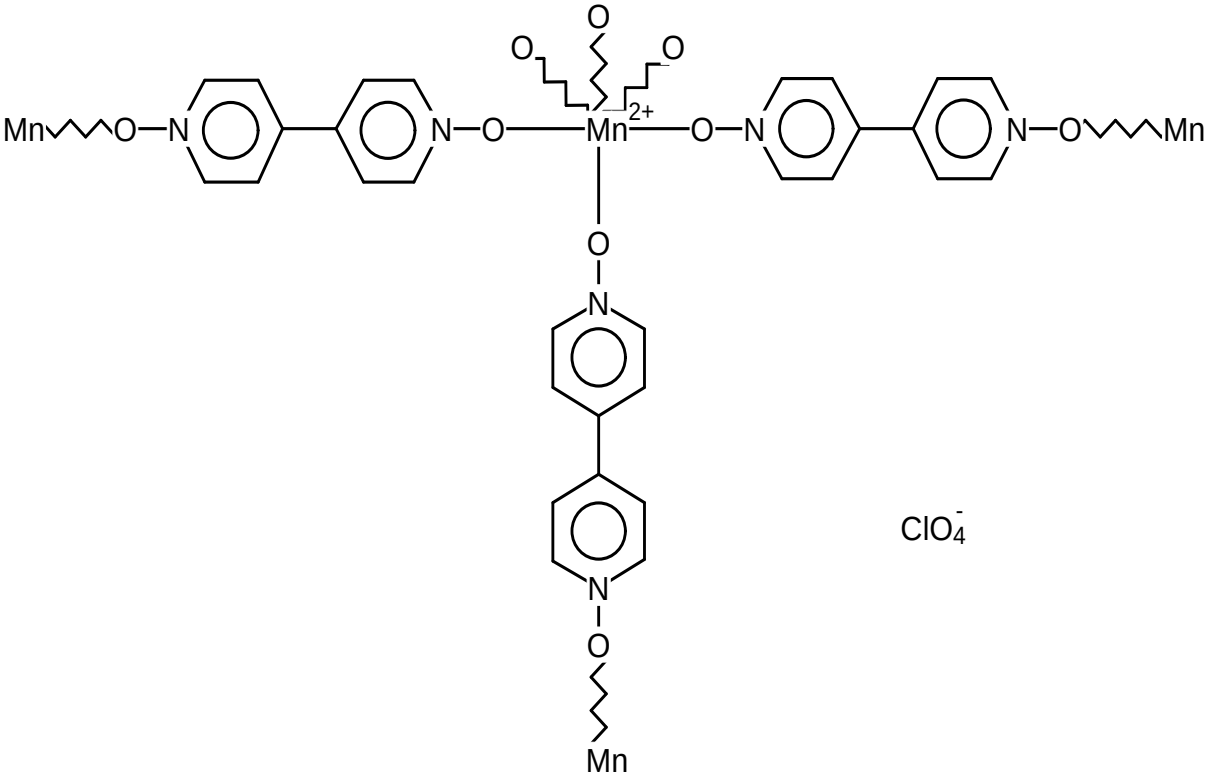
XOHQUH

Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{30}\ H_{24}\ Mn_1\ N_6\ O_6\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-manganese(ii) diperchlorate)

Space Group:	P21/c	***Cell:***	***a***	8.432(1)	***b***	12.403(2)	***c*** 15.087(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.97(0)	γ 90.00
R-Factor (%):	3.44	***Temperature(K):***	150		***Density(g/cm^3):***		1.749



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2879

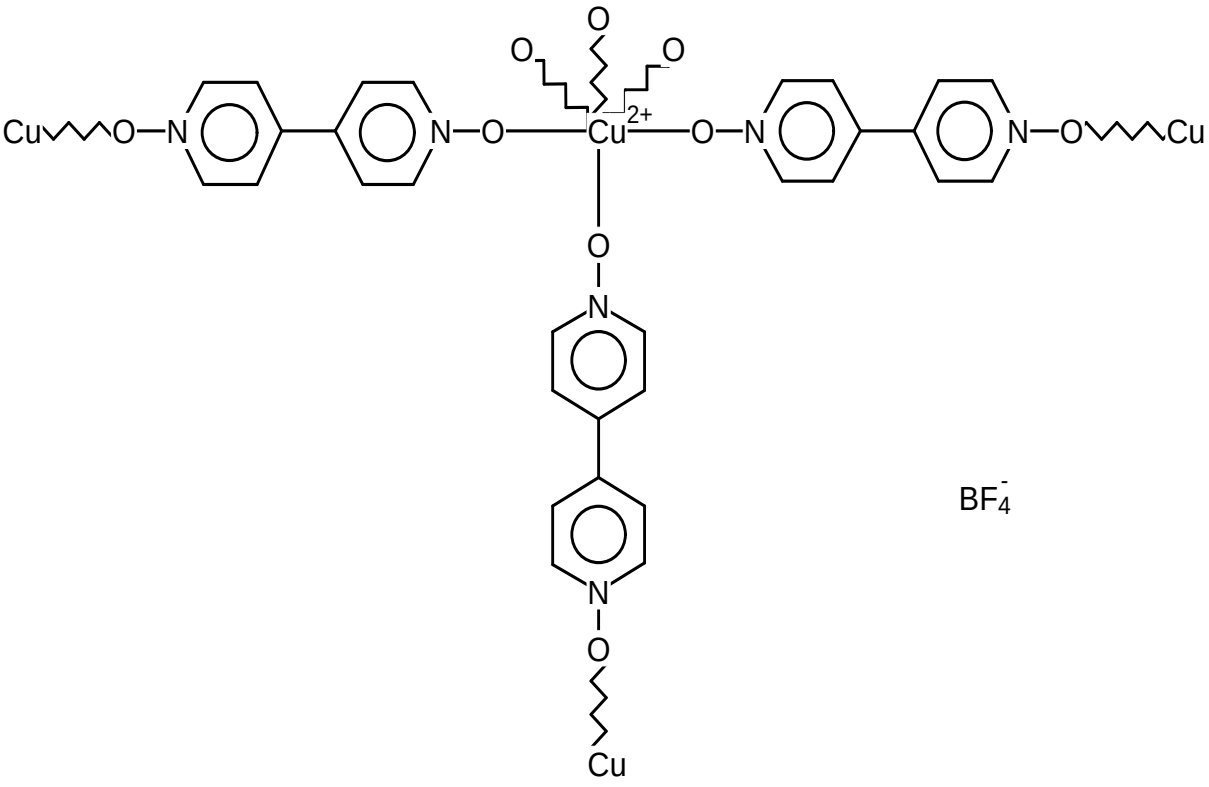
XOHRAO

Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{30}\ H_{24}\ Cu_1\ N_6\ O_6\ ^{2+})n,2n(B_1\ F_4\ ^{1-})$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-copper(ii) bis(tetrafluoroborate))

Space Group:	P21/c	***Cell:***	***a***	8.359(0)	***b*** 12.330(1)	***c***	15.032(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.57(0)	γ	90.00
R-Factor (%):	2.98	***Temperature(K):***	150		***Density(g/cm^3):***		1.748



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2880

XOHRES

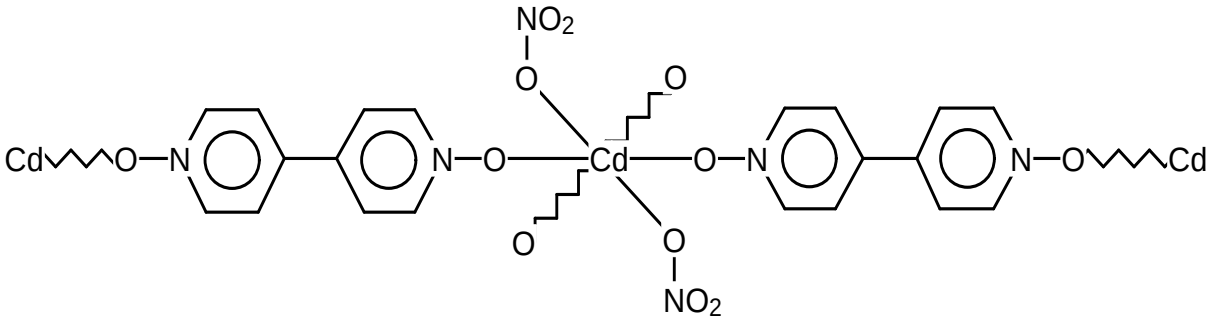
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{20}\ H_{16}\ Cd_1\ N_6\ O_{10})n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(nitrato-O)-cadmium(ii))

Space Group:	P21/c	***Cell:***	***a***	9.125(0)	***b*** 16.818(1)	***c***	7.467(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.10(0)	γ	90.00

R-Factor (%): 1.87 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.840



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2881

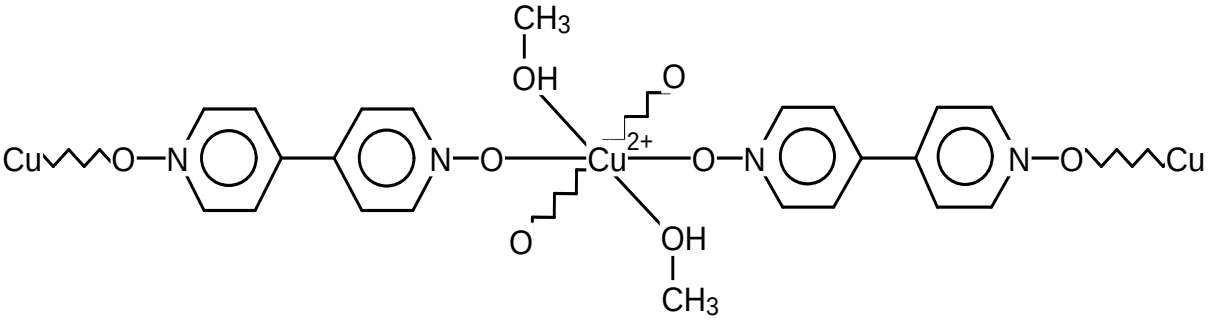
XOHRIW

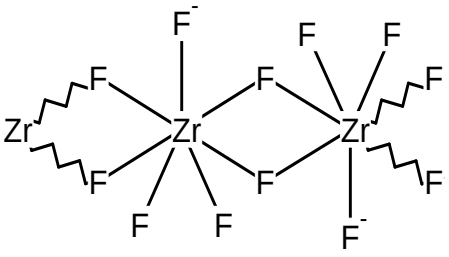
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{22}\ H_{24}\ Cu_1\ N_4\ O_6\ ^{2+})n,n(F_{10}\ Zr_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(methanol)-copper(ii) tetrakis(μ_2-fluoro)-hexafluoro-di-zirconium)

Space Group:	C2/c	***Cell:***	***a***	19.569(2)	***b*** 13.306(2)	***c***	13.617(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 128.65(0)	γ	90.00
R-Factor (%):	3.15	***Temperature(K):***	150		***Density(g/cm^3):***		2.102





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2882

XOHROC

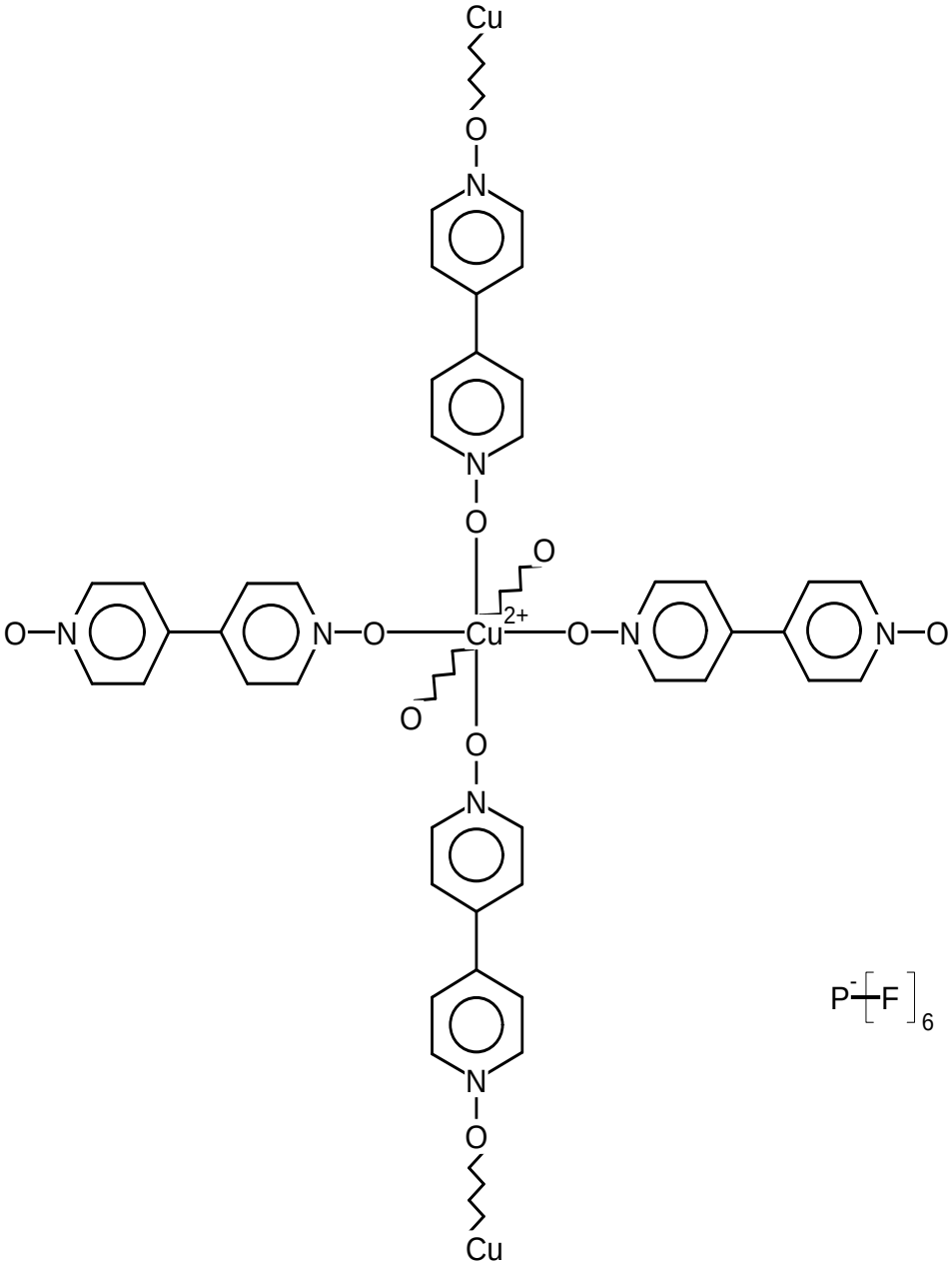
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{40}\ H_{32}\ Cu_1\ N_8\ O_8\ ^{2+})n,2n(F_6\ P_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(4,4'-bipyridine-N,N'-dioxido-O)-copper(ii) bis(hexafluorophosphate))

Space Group:	P-1	***Cell:***	***a***	8.719(1)	***b***	11.616(2)	***c***	12.137(2)
Space Group No.:	2	***(Å,°)***	α	62.57(0)	β	76.61(0)	γ	76.52(0)

R-Factor (%): 4.64 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.750



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2883

XOHRUI

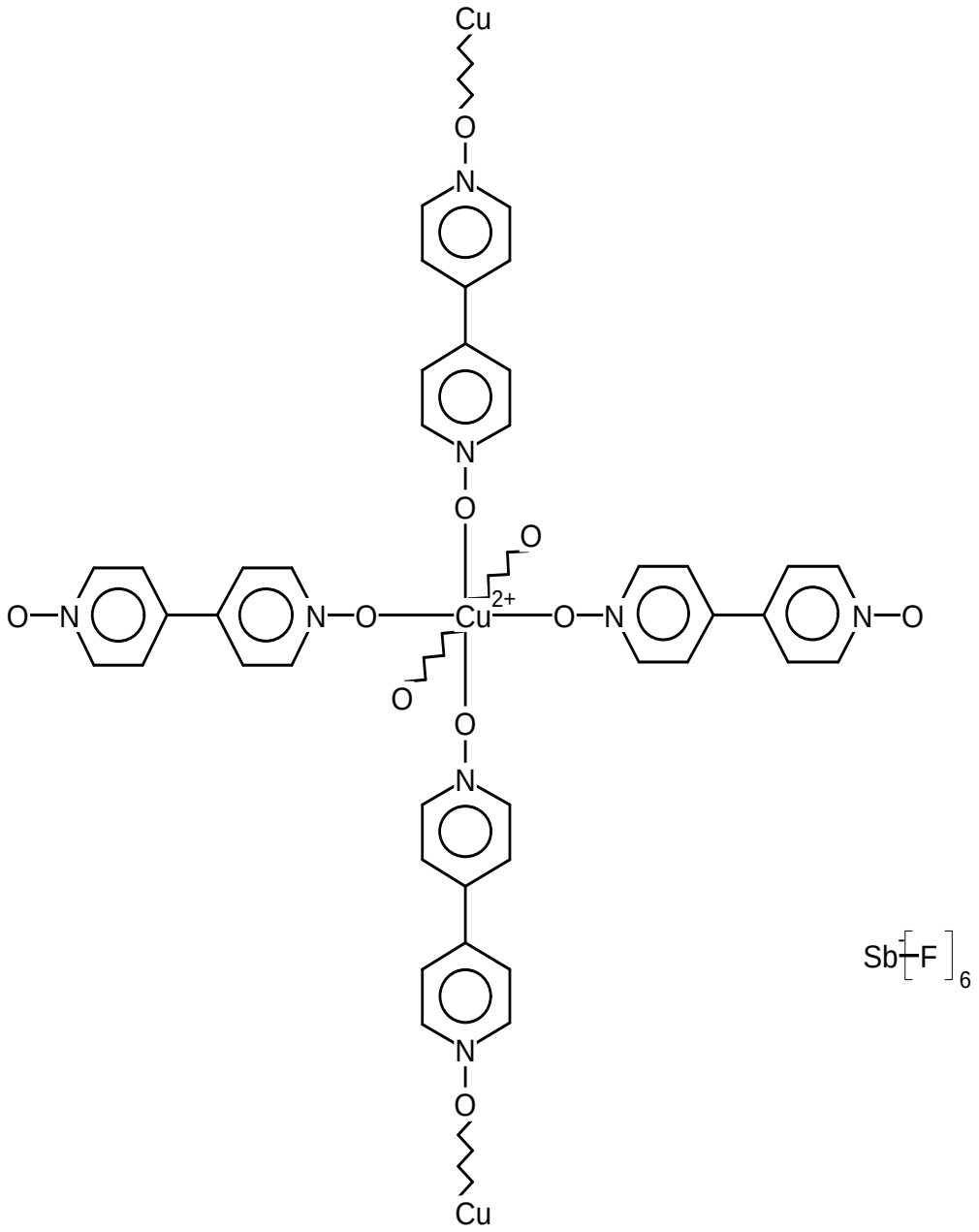
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{40}\ H_{32}\ Cu_1\ N_8\ O_8\ ^{2+})n,2n(F_6\ Sb_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(4,4'-bipyridine-N,N'-dioxido-O)-copper(ii) bis(hexafluoroantimonate))

Space Group:	P-1	***Cell:***	***a***	9.039(1)	***b***	11.397(1)	***c***	12.185(2)
Space Group No.:	2	***(Å,°)***	α	63.27(0)	β	75.42(0)	γ	77.37(0)

R-Factor (%): 2.96 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.986



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2884

XOHSAP

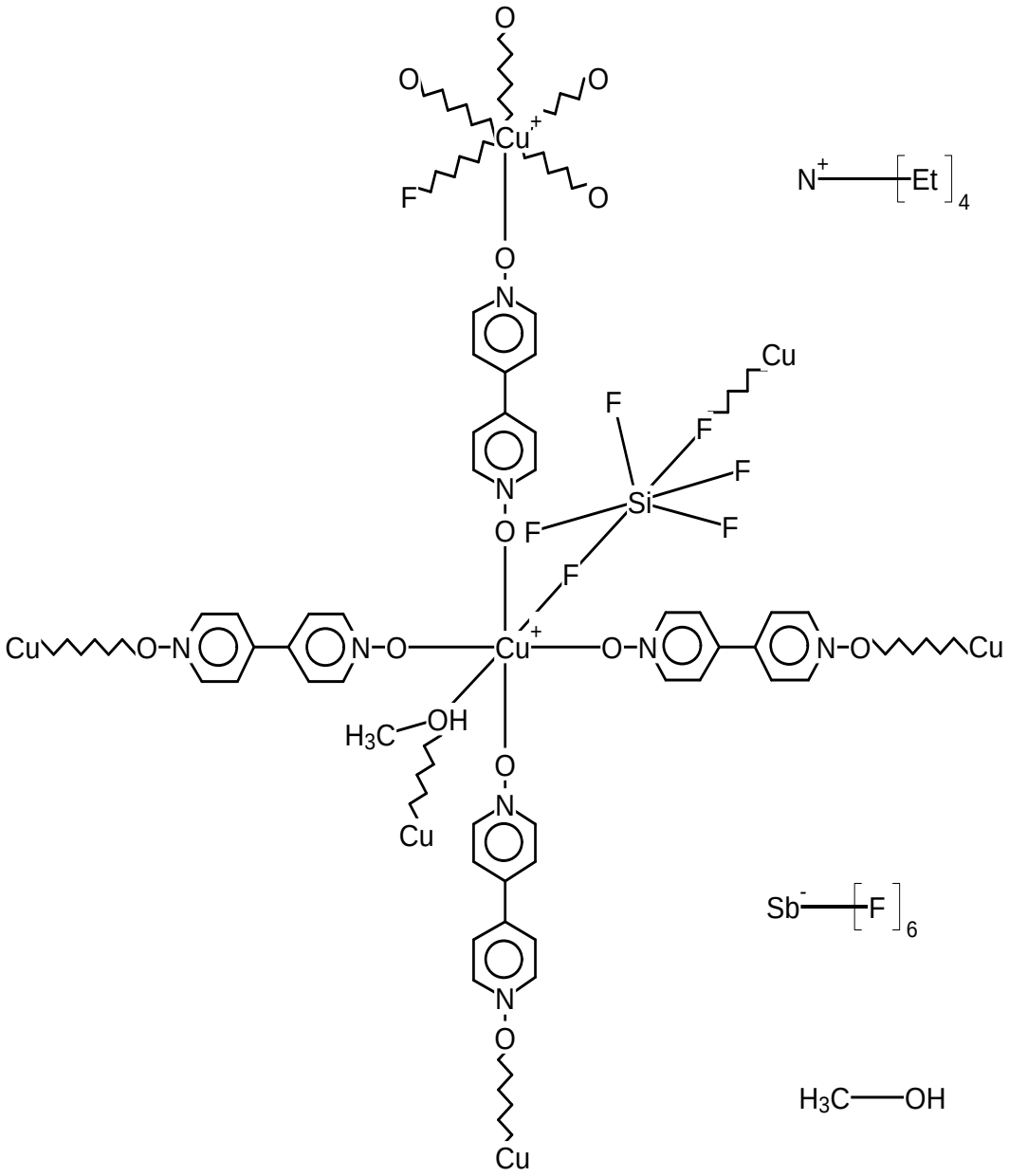
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $(C_{41}\ H_{36}\ Cu_2\ F_6\ N_8\ O_9\ Si_1\ ^{2+})n,2n(C_8\ H_{20}\ N_1\ ^{1+}),4n(F_6\ Sb_1\ ^{1-}),1.2n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(Tetraethylammonium) tetrakis(μ_2-4,4'-bipyridine-N,N'-dioxido-O,O')-(μ_2-hexafluorosilicato-F,F')-(μ_2-methanol)-di-copper(ii) tetrakis(hexafluoroantimonate) methanol solvate)

Space Group:	I4/m	***Cell:***	***a***	16.950(0)	***b***	16.950(0)	***c***	15.367(1)
Space Group No.:	87	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.70 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.727



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2885

XOHSET

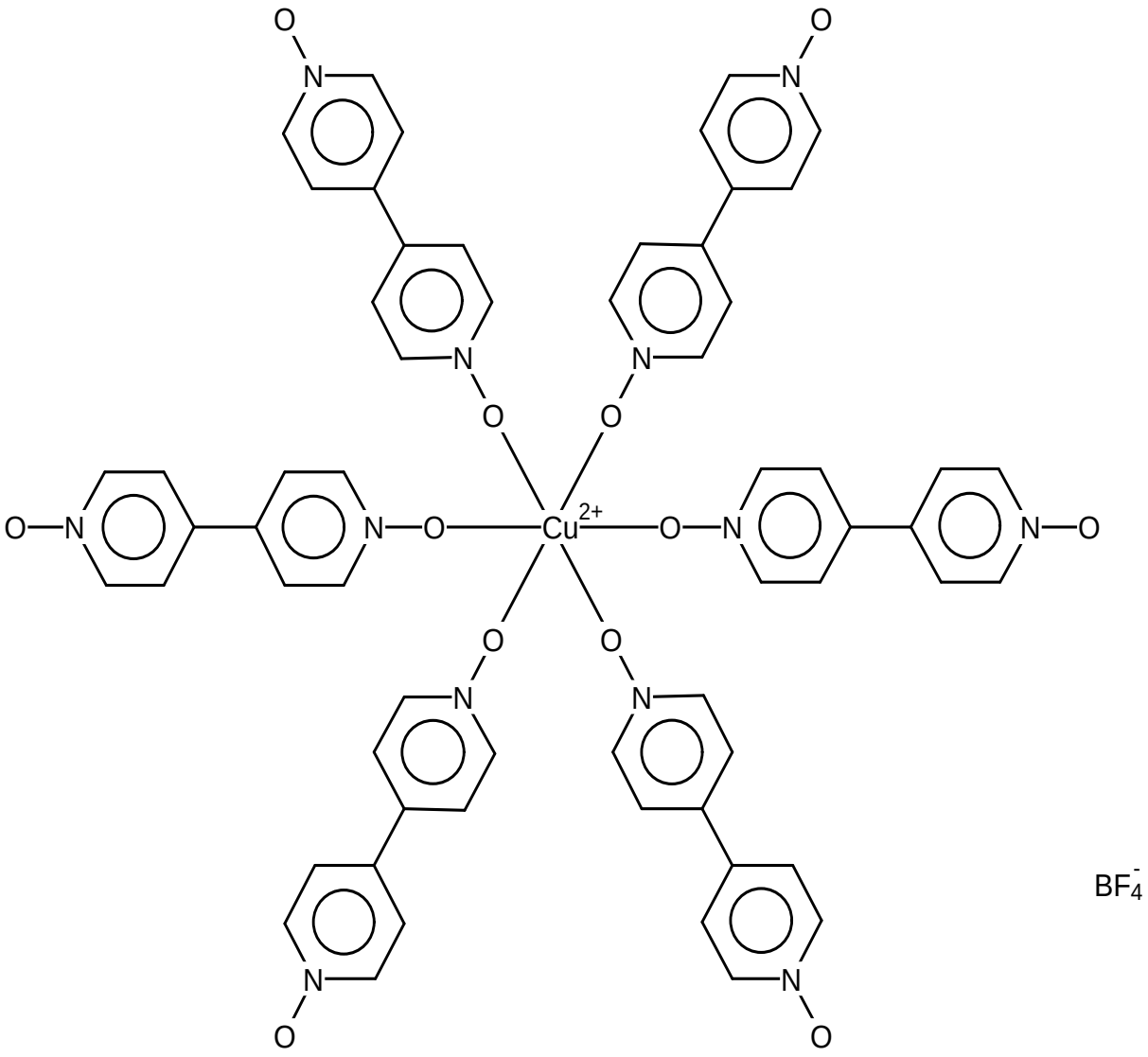
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $C_{60}\ H_{48}\ Cu_1\ N_{12}\ O_{12}\ ^{2+},2(B_1\ F_4\ ^{1-})$

Compound Name: hexakis(4,4'-Bipyridine-N,N'-dioxido-O)-copper(ii) bis(tetrafluoroborate)

Space Group:	P-1	***Cell:***	***a***	8.870(1)	***b***	11.518(1)	***c*** 14.167(2)
Space Group No.:	2	***(Å,°)***	α	104.56(0)	β	96.54(0)	γ 99.41(0)

R-Factor (%): 3.66 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.664



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2886

XOHSIX

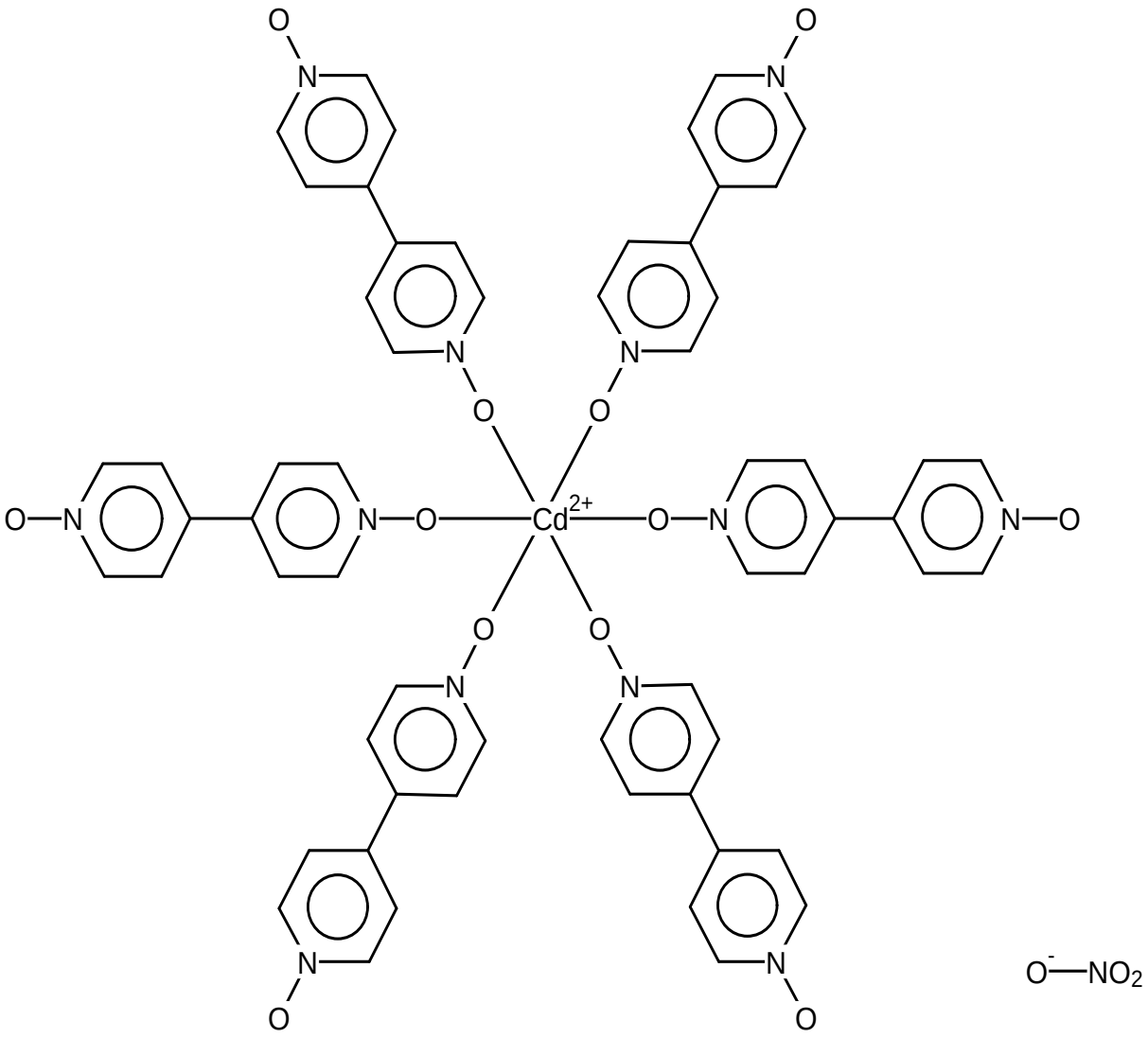
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

Formula: $C_{60}\ H_{48}\ Cd_1\ N_{12}\ O_{12}\ ^{2+},2(N_1\ O_3\ ^{1-})$

Compound Name: hexakis(4,4'-Bipyridine-N,N'-dioxido-O)-cadmium(ii) dinitrate

Space Group:	P-1	***Cell:***	***a*** 8.875(1)	***b*** 11.779(2)	***c*** 13.969(2)
Space Group No.:	2	***(Å,°)***	α 104.18(0)	β 95.65(0)	γ 98.82(0)

R-Factor (%): 3.12 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.637



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2887

XOHSOD

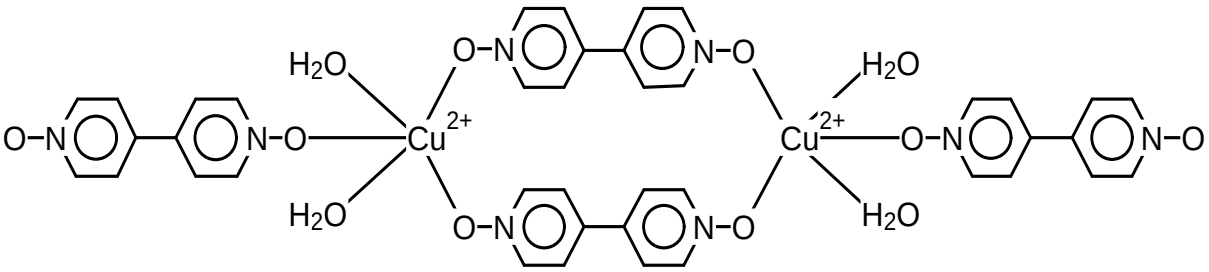
Reference: Junhua Jia, A.J.Blake, N.R.Champness, P.Hubberstey, C.Wilson, M.Schroder (2008) *Inorg.Chem. ,***47,**8652

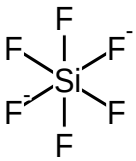
Formula: $C_{40}\ H_{40}\ Cu_2\ N_8\ O_{12}\ ^{4+}$,2($F_6\ Si_1\ ^{2-}$),2($C_1\ H_4\ O_1$),2($H_2\ O_1$)

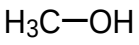
Compound Name: bis(μ_2-syn-4,4'-Bipyridine-N,N'-dioxido-O,O')-tetra-aqua-bis(4,4'-bipyridine-N,N'-dioxido-O)-di-copper(ii) bis(hexafluorosilicate) methanol solvate dihydrate

Space Group:	P21/c	***Cell:***	***a***	17.955(4)	***b***	7.275(2)	***c***	19.454(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.76(0)	γ	90.00

R-Factor (%): 7.11 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.767







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2888

XOJJOW

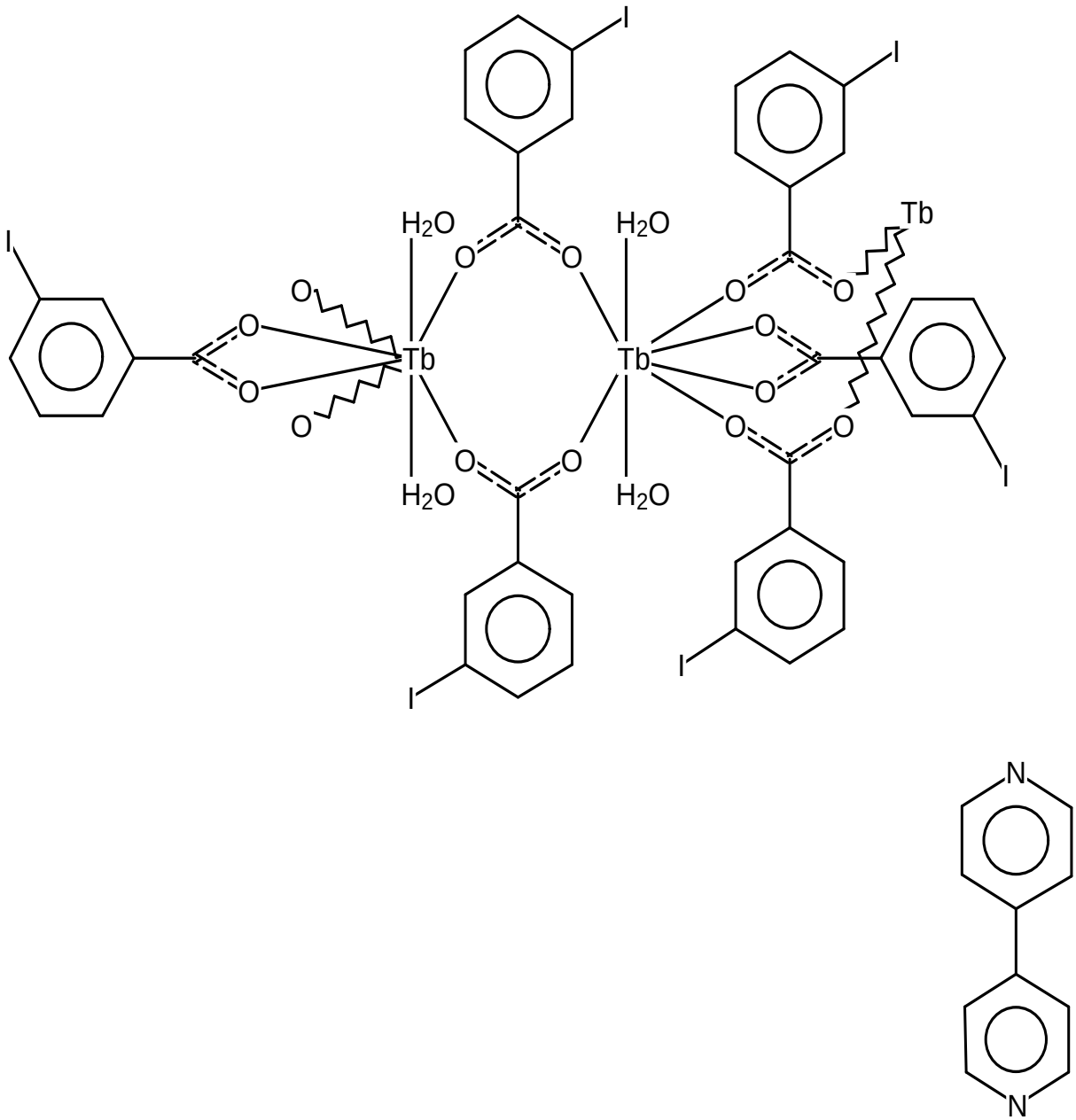
Reference: Yan-Qiu Li, Xiao-Shuo Wu, Xia Li (2008)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,**24,**1738

Formula: $(C_{42}\ H_{32}\ I_6\ O_{16}\ Tb_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(tetrakis(μ_2-3-Iodobenzoato-O,O')-tetra-aqua-bis(3-iodobenzoato-O,O')-di-terbium(iii) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	9.579(0)	***b*** 10.203(0)	***c***	16.675(0)
Space Group No.:	2	***(Å,°)***	α	95.47(0)	β 105.00(0)	γ	106.99(0)

R-Factor (%): 2.33 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.276



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2889

XOJJUC

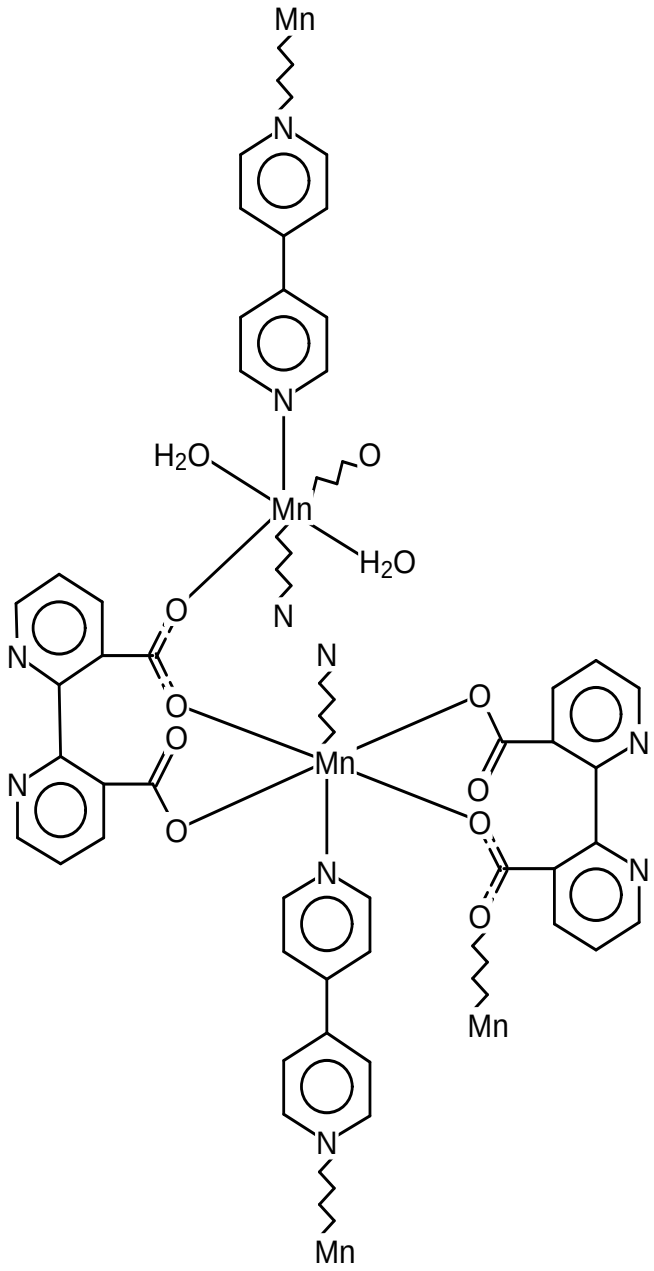
Reference: Zhi-Min Chen, Dong-Ping Li, Hui-Quan Li, Dai-Zhi Kuang (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24,**1907

Formula: $(C_{44}\ H_{32}\ Mn_2\ N_8\ O_{10})n,9n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-2,2-Bipyridine-3,3'-dicarboxylato-O,O',O'')-bis(μ_2-4,4-bipyridine-N,N')-diaqua-di-manganese(ii) nonahydrate)

Space Group:	P2/n	***Cell:***	***a***	10.101(0)	***b***	11.647(0)	***c***	21.474(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	98.22(0)	γ	90.00

R-Factor (%): 4.90 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.467



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2890

XOKFUZ

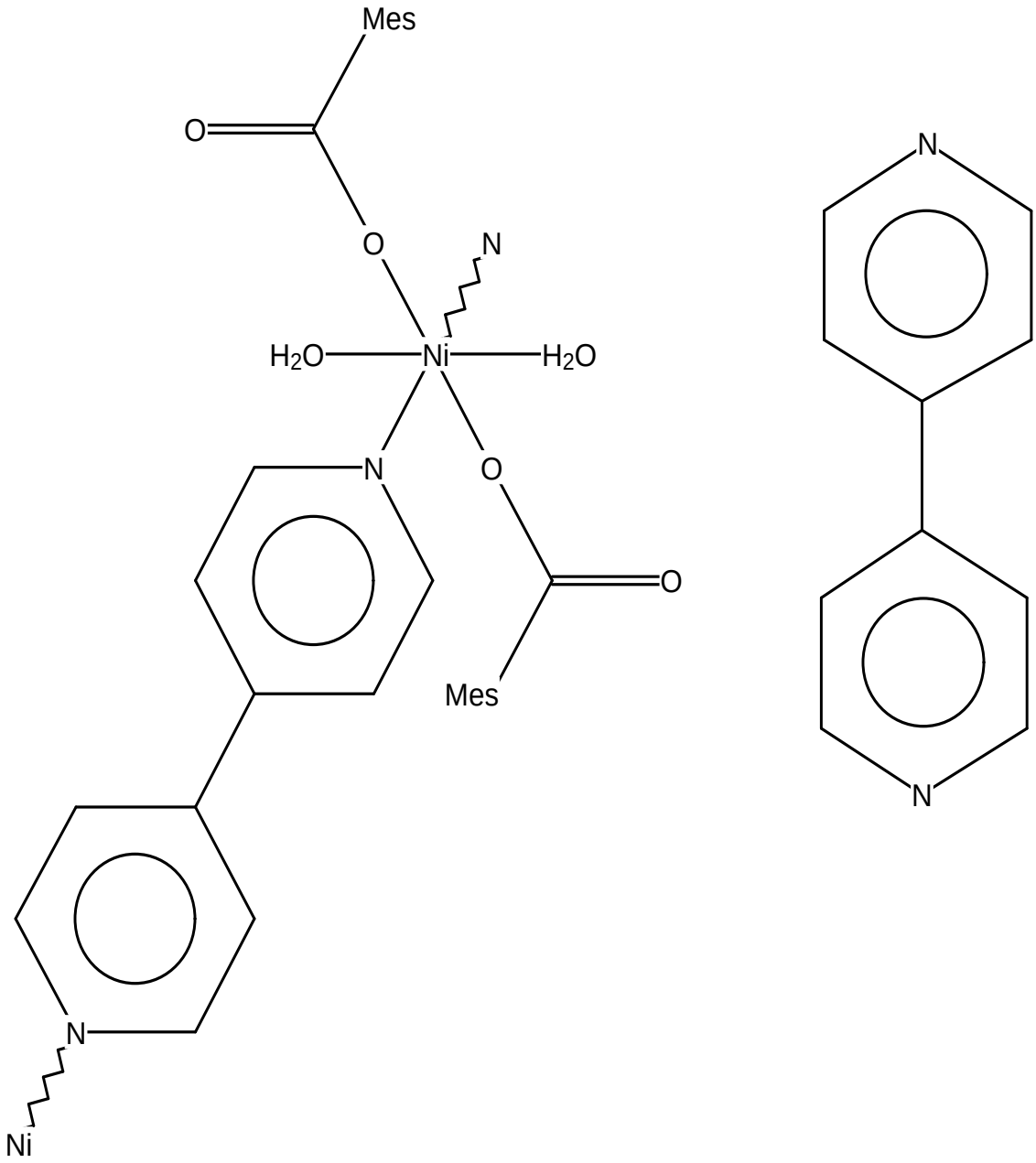
Reference: M.Indrani, R.Ramasubramanian, S.Kumaresan, Sung Kwon Kang, Min Chen, Miao Du (2008) *Polyhedron ,***27,**3593

Formula: $(C_{30}\ H_{34}\ N_2\ Ni_1\ O_6)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-diaqua-bis(2,4,6-trimethylbenzoato)-nickel(ii) 4,4'-bipyridine solvate)

Space Group:	Ccca	***Cell:***	***a***	12.992(2)	***b*** 26.101(4)	***c***	22.618(4)
Space Group No.:	68	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.54 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.270



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2891

XOKGAG

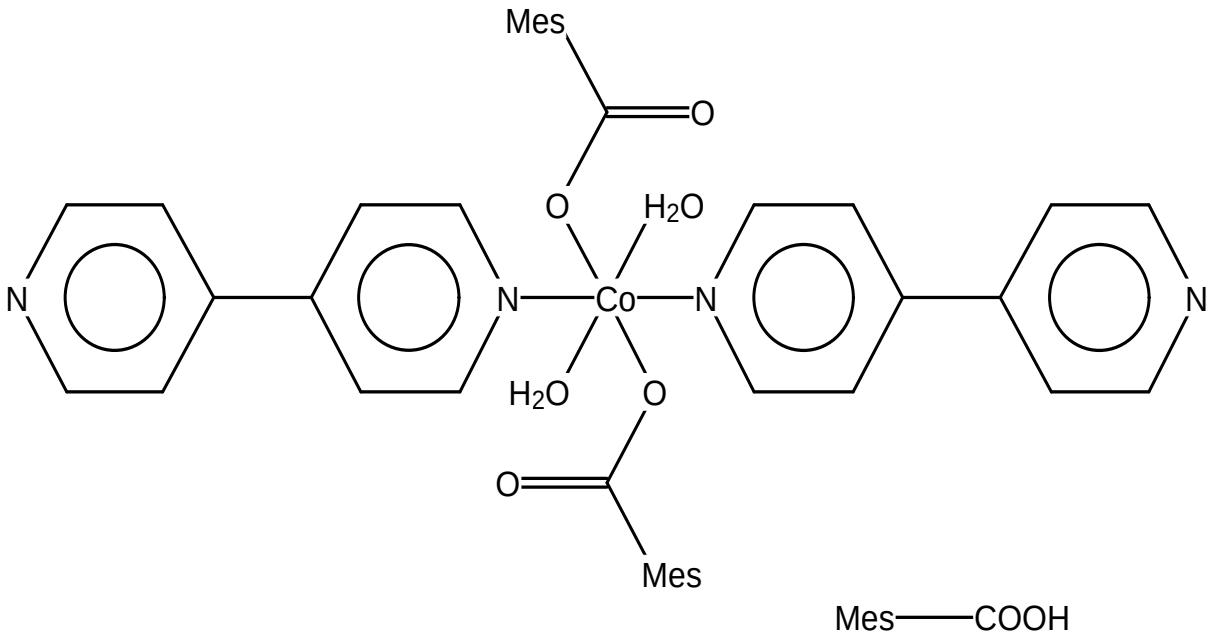
Reference: M.Indrani, R.Ramasubramanian, S.Kumaresan, Sung Kwon Kang, Min Chen, Miao Du (2008) *Polyhedron ,***27,**3593

Formula: $C_{40}\ H_{42}\ Co_1\ N_4\ O_6,2(C_{10}\ H_{12}\ O_2)$

Compound Name: bis(4,4'-Bipyridine)-diaqua-bis(2,4,6-trimethylbenzoato)-cobalt 2,4,6-trimethylbenzoic acid solvate

Space Group:	P21/n	***Cell:***	***a***	10.436(0)	***b***	13.022(0)	***c*** 20.696(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.31(0)	γ 90.00

R-Factor (%): 4.79 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.254



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2892

XOKGOU

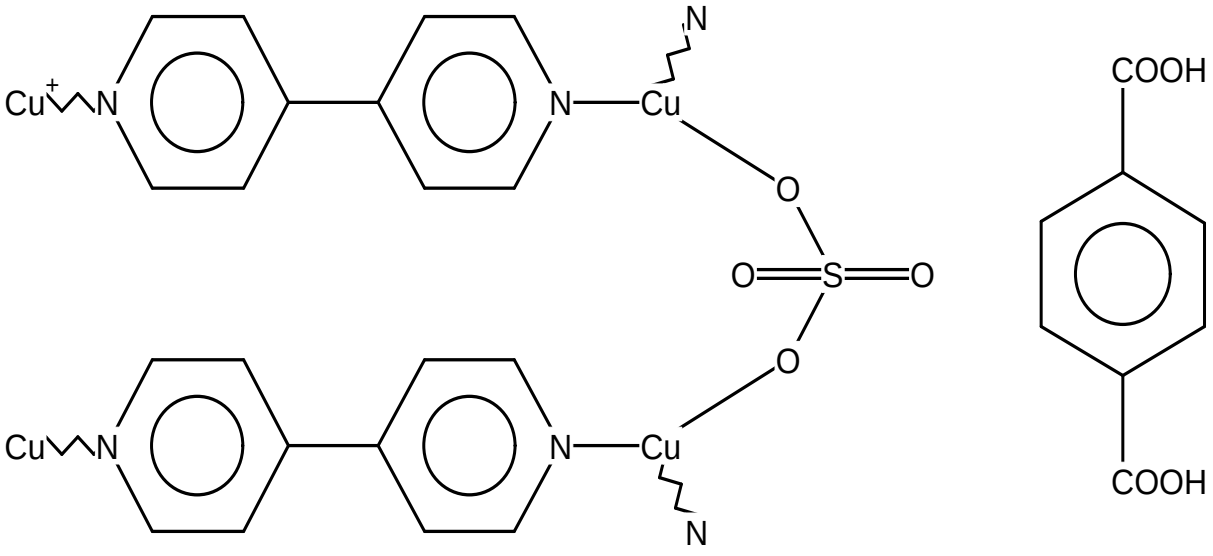
Reference: M.J.Ren, J.Zhang, P.Zhao, Z.Zhang (2008)
J.Inorg.Organomet.Polym.Mater. ,**18,**284

Formula: $(C_{20}\ H_{16}\ Cu_2\ N_4\ O_4\ S_1)n,n(C_8\ H_6\ O_4)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-(μ_2-sulfato)-di-copper(i) terephthalic acid)

Space Group:	C2/c	***Cell:***	***a***	9.430(5)	***b*** 17.136(9)	***c***	16.480(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.08(0)	γ	90.00

R-Factor (%): 8.20 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.821



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2893

XOKSAS

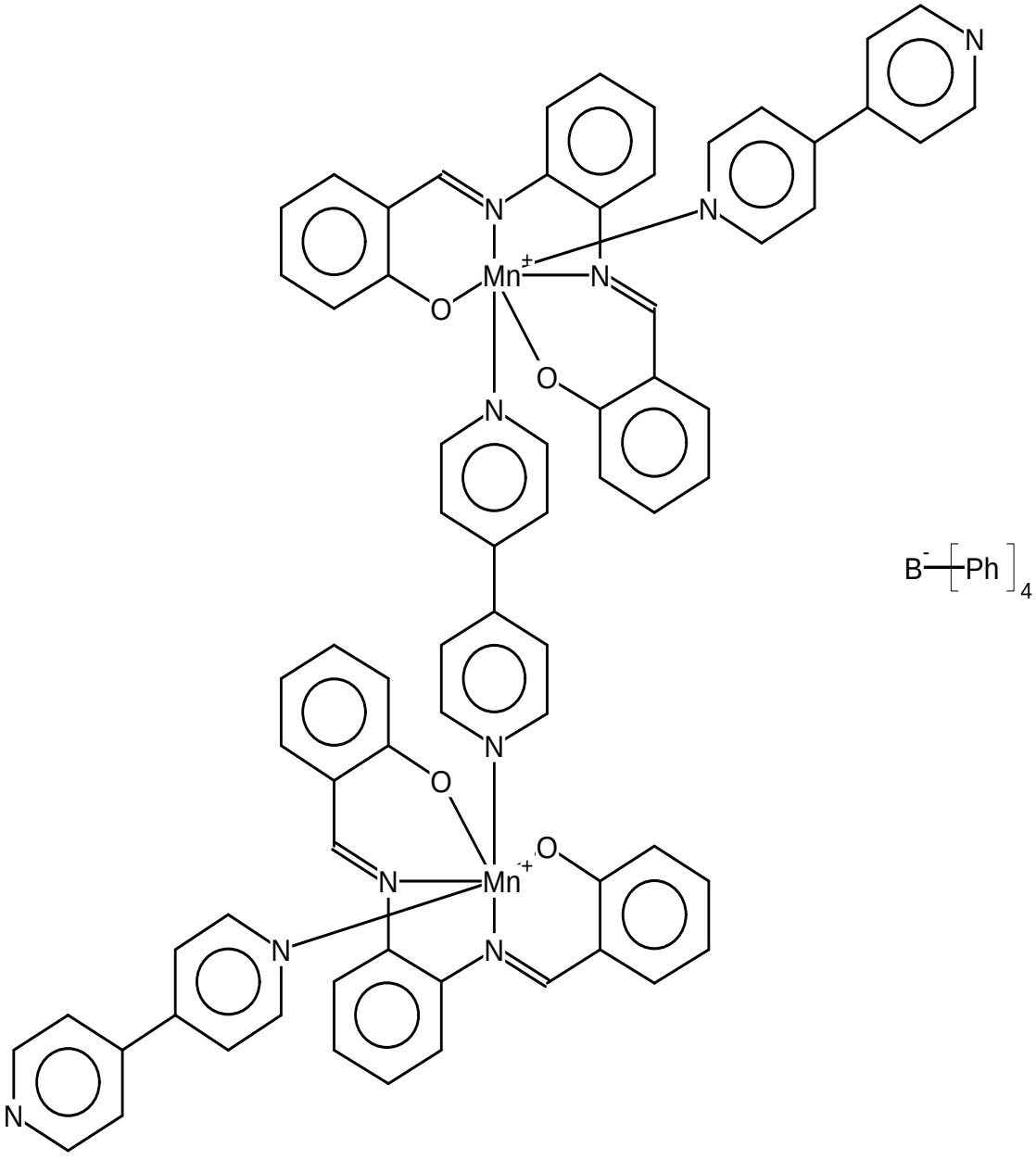
Reference: Yuhua Feng, Jinxia Xu, Daizheng Liao, Shiping Yan, Zonghui Jiang (2008) *J.Coord.Chem. ,***61,**3568

Formula: $C_{70}\ H_{52}\ Mn_2\ N_{10}\ O_4\ ^{2+},2(C_{24}\ H_{20}\ B_1\ ^{1-})$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(4,4'-bipyridine-N)-bis(N,N'-o-phenylenebis(salicylideneaminato)-N,N',O,O')-di-manganese(iii) bis(tetraphenylborate)

Space Group:	P-1	***Cell:***	***a***	13.431(4)	***b***	13.791(4)	***c***	13.886(4)
Space Group No.:	2	***(Å,°)***	α	73.60(0)	β	80.41(0)	γ	71.24(0)

R-Factor (%): 4.61 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.316



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2894

XOKVAV

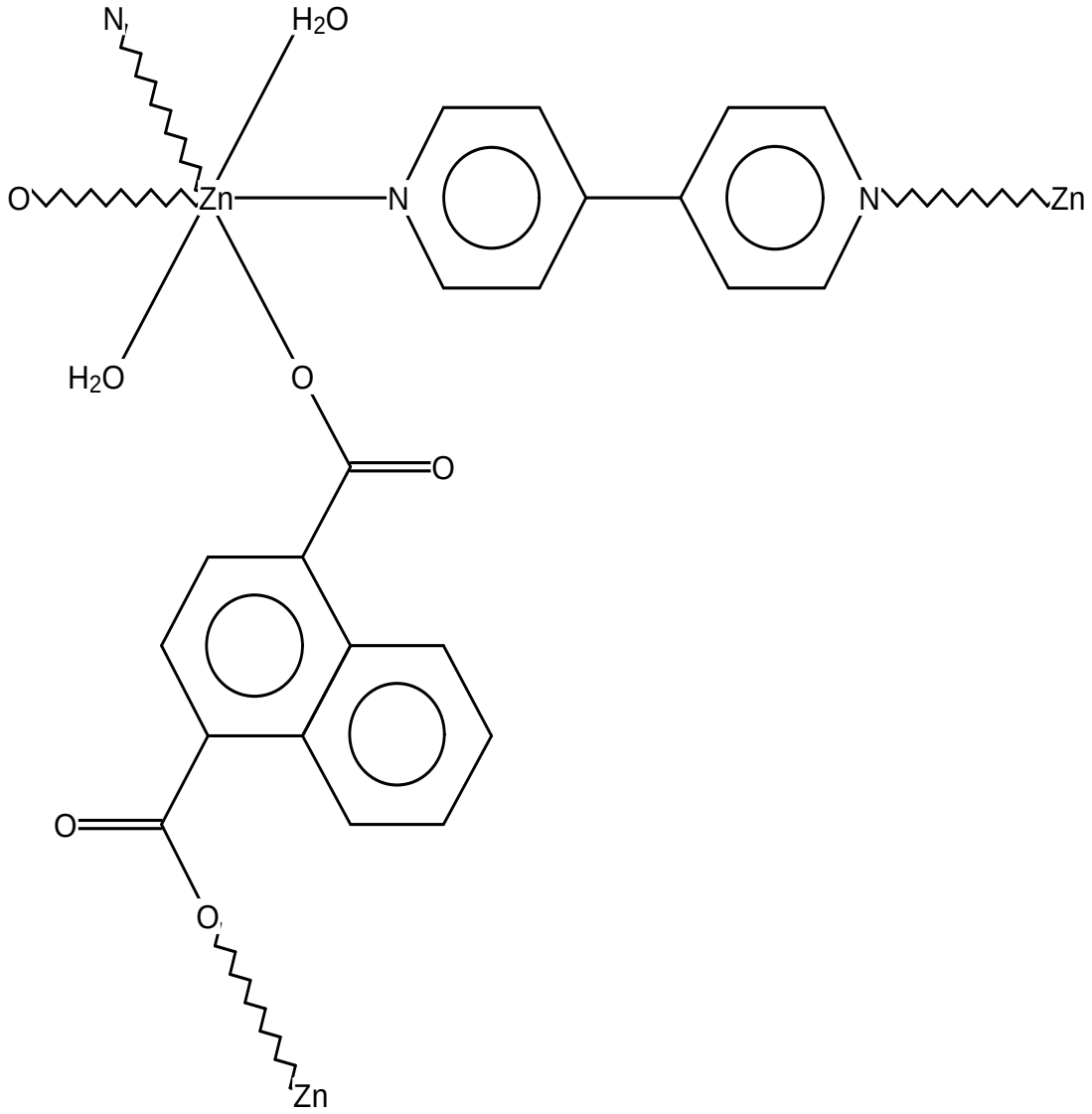
Reference: Hong-Ping Xiao, S.Aghabeygi, Zhang Wei-Bing, Ya-Qian Cheng, Wei-YuanChen, Jia Wang, A.Morsali (2008) *J.Coord.Chem.* ,**61,**3679

Formula: $(C_{22}\ H_{18}\ N_2\ O_6\ Zn_1)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-1,4-naphthalenedicarboxylato-O,O')-diaqua-zinc(ii) monohydrate)

Space Group:	P2/c	***Cell:***	***a***	9.881(0)	***b***	11.528(0)	***c*** 9.819(0)
Space Group No.:	13	***(Å,°)***	α	90.00	β	109.90(0)	γ 90.00

R-Factor (%): 3.41 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.547



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2895

XOKVOJ

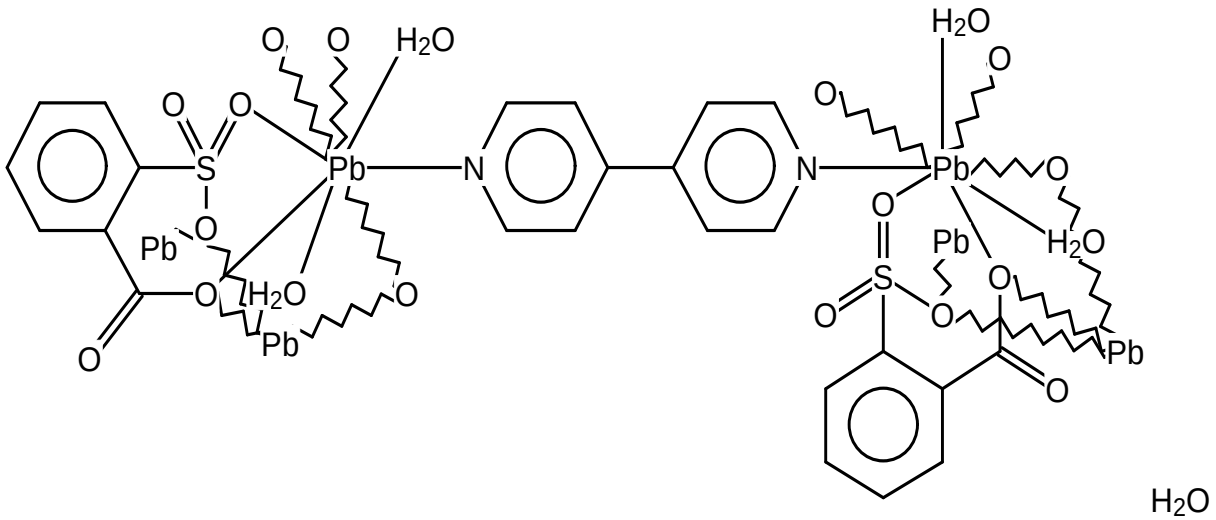
Reference: Hong-Ping Xiao, Jia-Guo Wang, A.Morsali, Wei-Bing Zhang, Xin-Hua Li (2008) *J.Coord.Chem.* ,**61,**3703

Formula: $(C_{24}\ H_{24}\ N_2\ O_{14}\ Pb_2\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-2-Sulfobenzoato)-(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-di-lead(ii) dihydrate)

Space Group:	P2/c	***Cell:***	***a***	11.588(0)	***b***	7.097(0)	***c*** 18.730(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	92.82(0)	γ 90.00

R-Factor (%): 2.49 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.329



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2896

XOKVUP

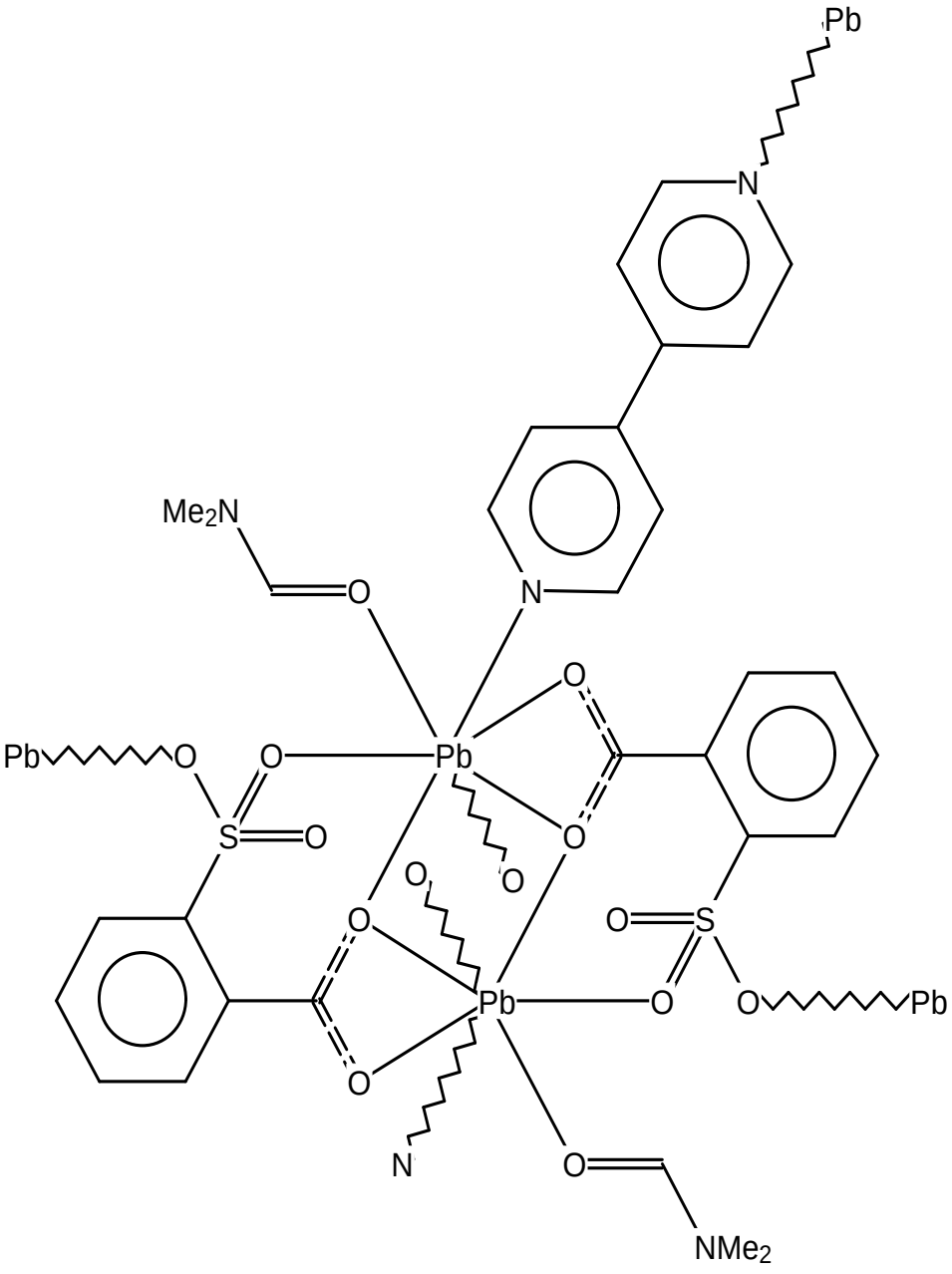
Reference: Hong-Ping Xiao, Jia-Guo Wang, A.Morsali, Wei-Bing Zhang, Xin-Hua Li (2008) *J.Coord.Chem.* ,**61,**3703

Formula: $(C_{30}\ H_{30}\ N_4\ O_{12}\ Pb_2\ S_2)n$

Compound Name: catena-(bis(μ_3-2-Sulfobenzoato)-(μ_2-4,4'-bipyridine-N,N')-bis(dimethylformamide)-di-lead(ii))

Space Group:	P-1	***Cell:***	***a***	7.071(0)	***b***	11.502(1)	***c*** 11.782(1)
Space Group No.:	2	***(Å,°)***	α	114.74(0)	β	91.51(0)	γ 101.92(0)

R-Factor (%): 2.90 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 2.196



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2897

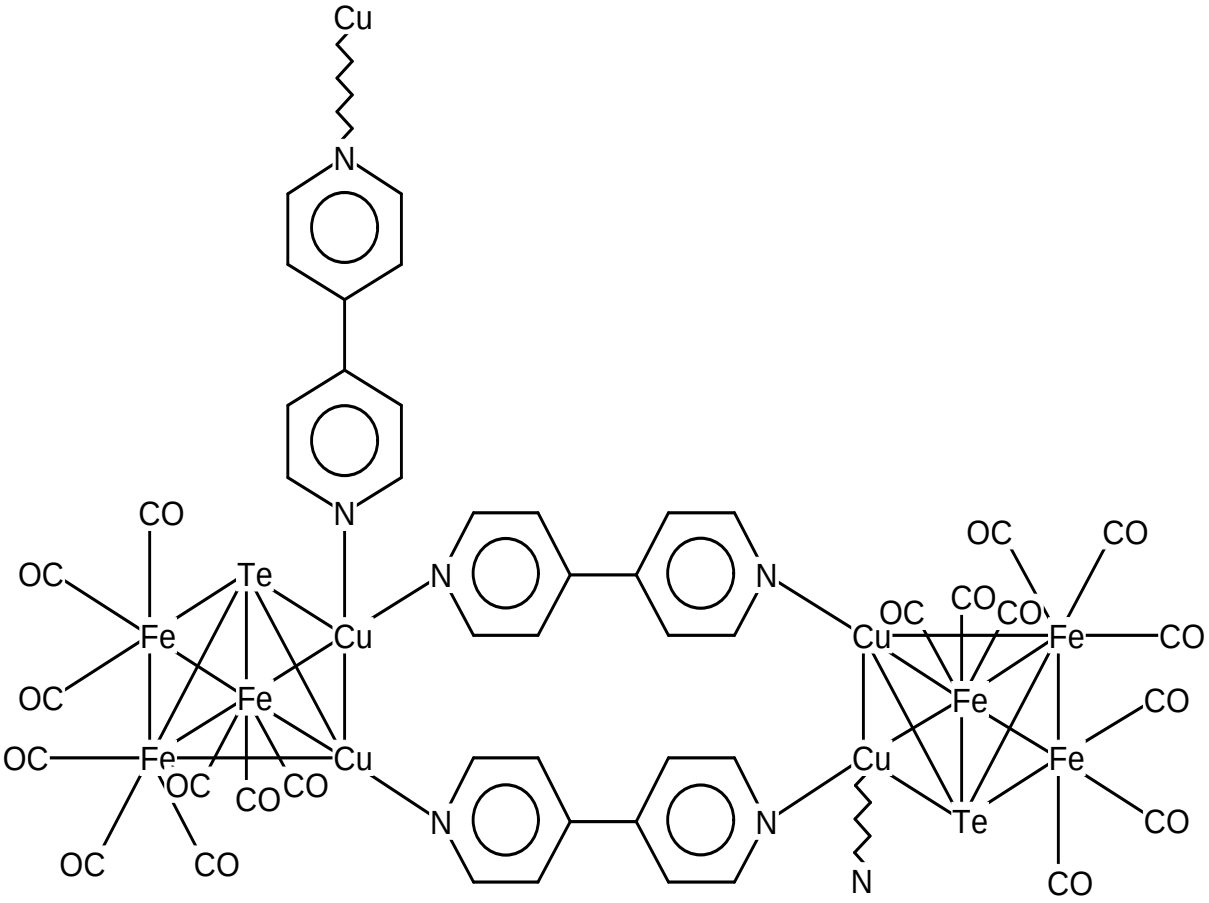
XOMSIC

Reference: Minghuey Shieh, Chia-Hua Ho, Wen-Shyan Sheu, Bo-Guan Chen, Yen-Yi Chu, Chia-Yah Miu, Hsiang-Lin Liu, Chih-Chiang Shen (2008) *J.Am.Chem.Soc. ,***130,**14114

Formula: $(C_{48}\ H_{24}\ Cu_4\ Fe_6\ N_6\ O_{18}\ Te_2)n$

Compound Name: catena-[bis(μ_5-Tellurido)-tris(μ_2-4,4'-bipyridine-N,N')-octadecacarbonyl-tetra-copper-hexa-iron]

Space Group:	P-1	***Cell:***	***a***	8.201(0)	***b***	9.986(0)	***c*** 16.986(1)
Space Group No.:	2	***(Å,°)***	α	84.24(0)	β	88.15(0)	γ 89.25(0)
R-Factor (%):	7.21	***Temperature(K):***	200	***Density(g/cm3):***	2.181		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2898

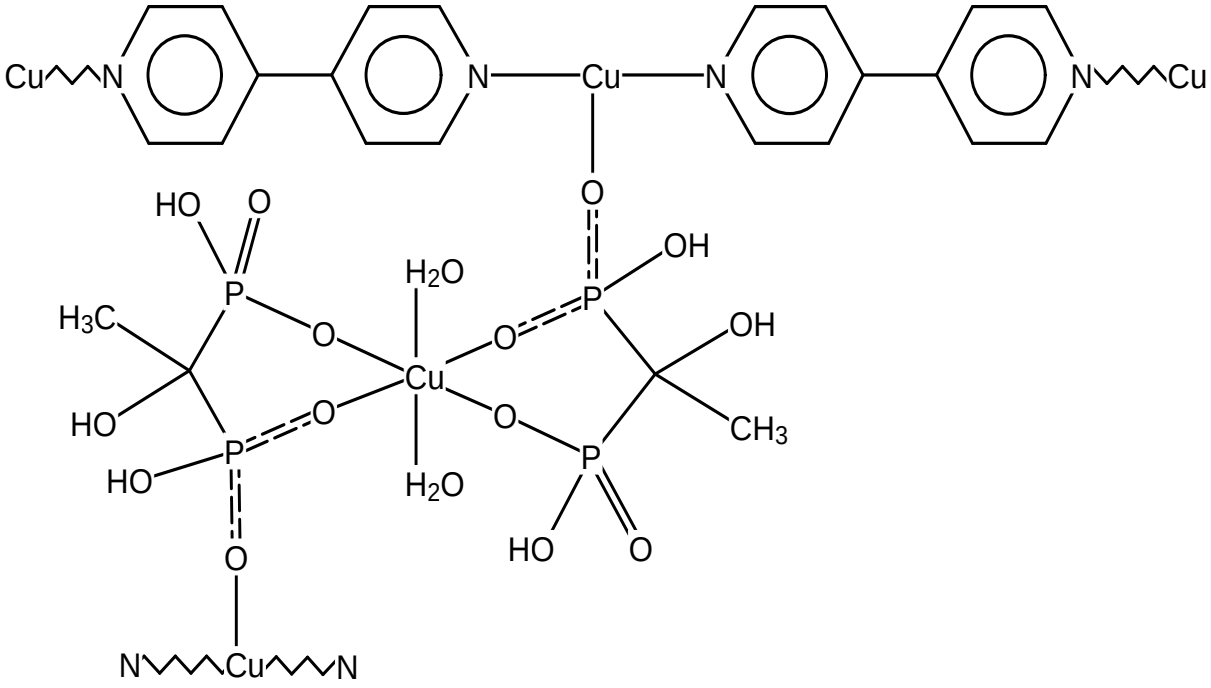
XONHAJ

Reference: Li-Min Zheng, Ping Yin, Xin-Quan Xin (2002) *Inorg.Chem.* , **41,**4084

Formula: $(C_{24}\ H_{32}\ Cu_3\ N_4\ O_{16}\ P_4)n$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-1-hydroxyethylidenediphosphonato)-diaqua-tri-copper(i,ii)]

Space Group:	P21/c	***Cell:***	***a***	10.206(2)	***b***	21.400(4)	***c*** 7.306(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.17(3)	γ 90.00
R-Factor (%):	4.38	***Temperature(K):***	293		***Density(g/cm^3):***		1.972



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2899

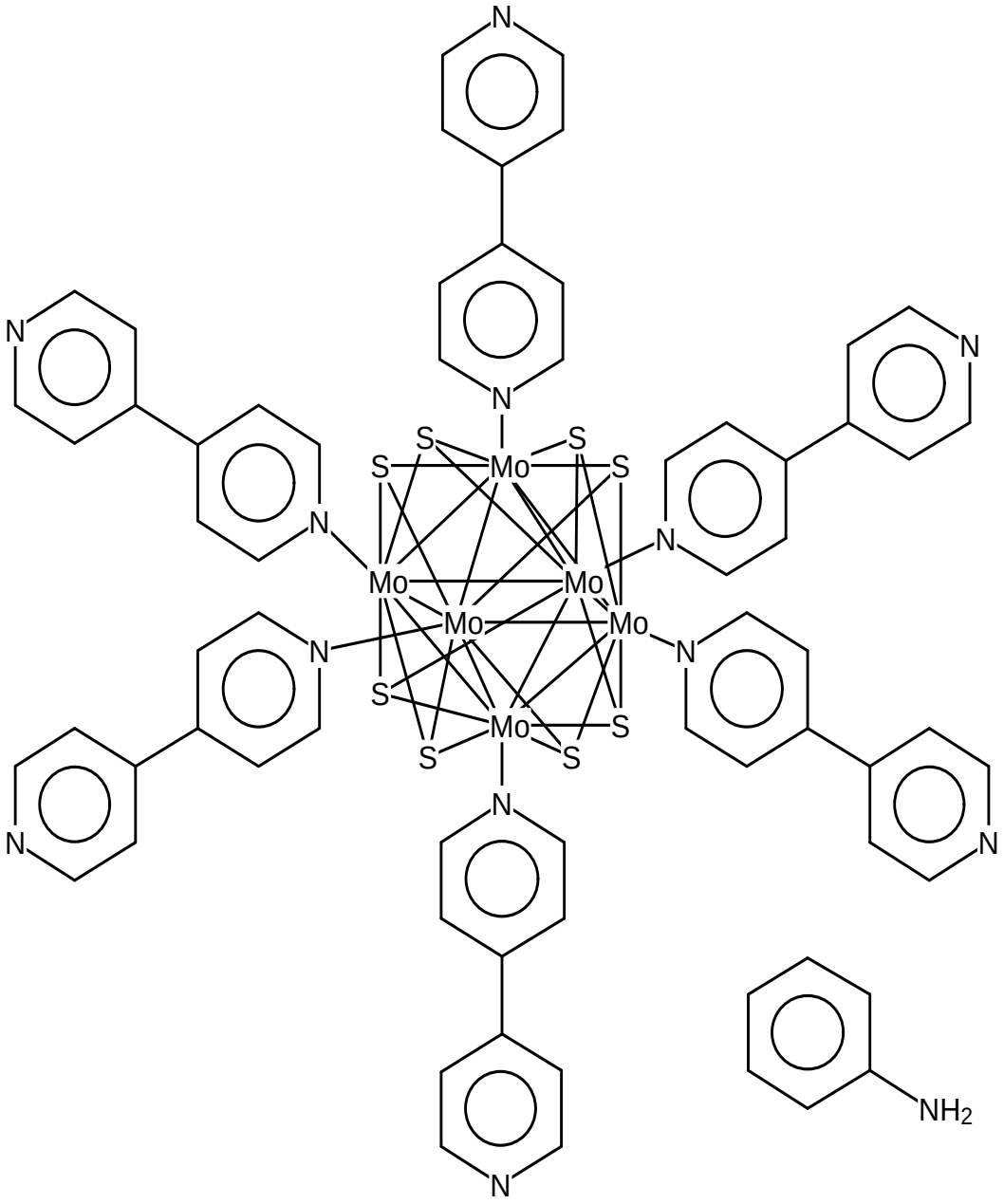
XOPCIO

Reference: Song Jin, F.Popp, S.W.Boettcher, Min Yuan, C.M.Oertel, F.J.DiSalvo (2002) *J.Chem.Soc.,Dalton Trans.* ,3096

Formula: $C_{60}\ H_{48}\ Mo_6\ N_{12}\ S_8,5(C_6\ H_7\ N_1)$

Compound Name: octakis(μ_3-Sulfido)-hexakis(4,4'-bipyridyl)-hexa-molybdenum aniline solvate

Space Group:	P-1	***Cell:***	***a***	9.346(0)	***b***	15.764(1)	***c***	15.775(1)
Space Group No.:	2	***(Å,°)***	α	99.51(0)	β	98.31(0)	γ	96.09(0)
R-Factor (%):	4.35	***Temperature(K):***	173		***Density(g/cm^3):***	1.651		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2900

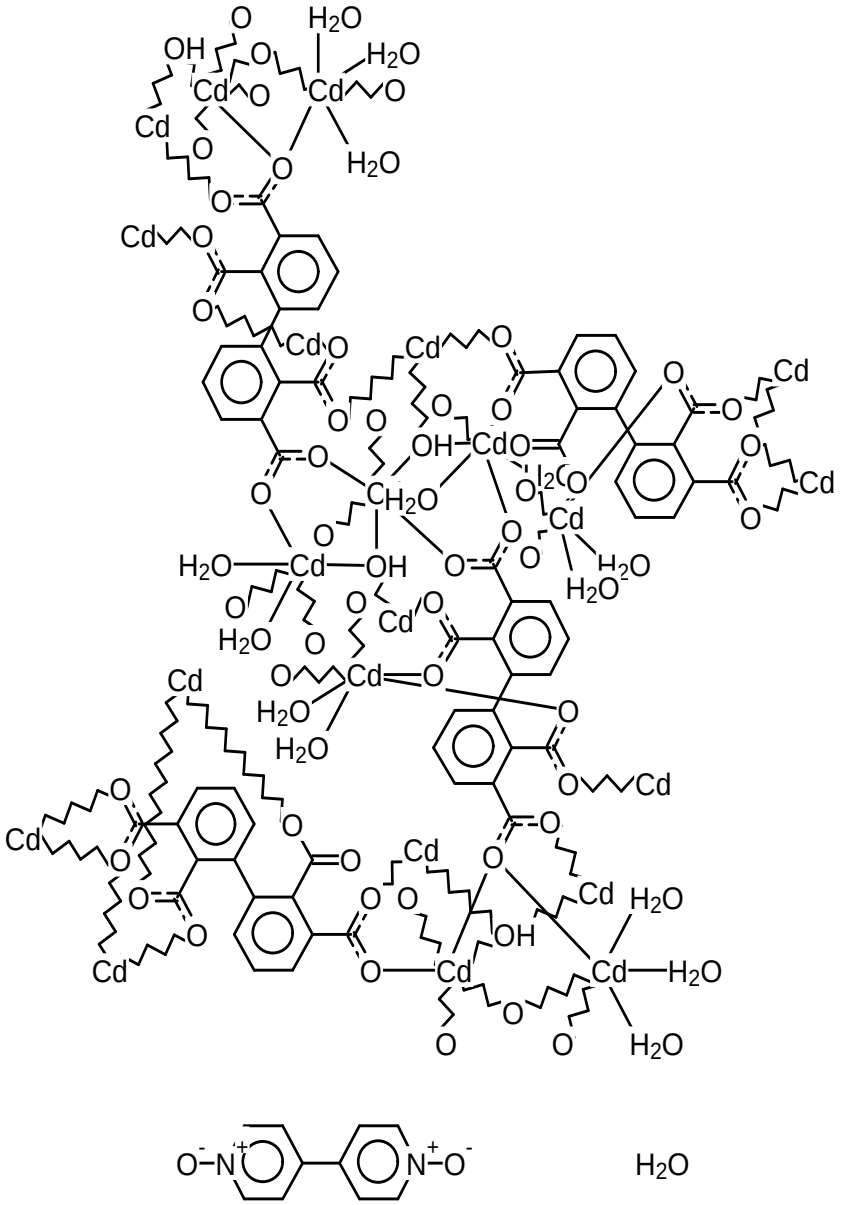
XOPGUF

Reference: Shuangquan Zang, Yang Su, Yi-Zhi Li, Jianguo Lin, Xianying Duan, Qingjin Meng, Song Gao (2009) *CrystEngComm* ,**11,** 122

Formula: $(C_{64}\ H_{54}\ Cd_9\ O_{48})n,n(C_{10}\ H_8\ N_2\ O_2),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_8-1,1'-Biphenyl-2,2',3,3'-tetracarboxylato)-bis(μ_5-1,1'-biphenyl-2,2',3,3'-tetracarboxylato)-bis(μ_3-hydroxo)-tetradeca-aqua-nona-cadmium(ii) 4,4'-bipyridine-N,N'-dioxide dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.642(1)	***b***	12.354(2)	***c***	16.323(3)
Space Group No.:	2	***(Å,°)***	α	79.11(0)	β	79.93(0)	γ	83.02(0)
R-Factor (%):	5.35	***Temperature(K):***	291	***Density(g/cm3):***	2.272			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2901

XOPVII

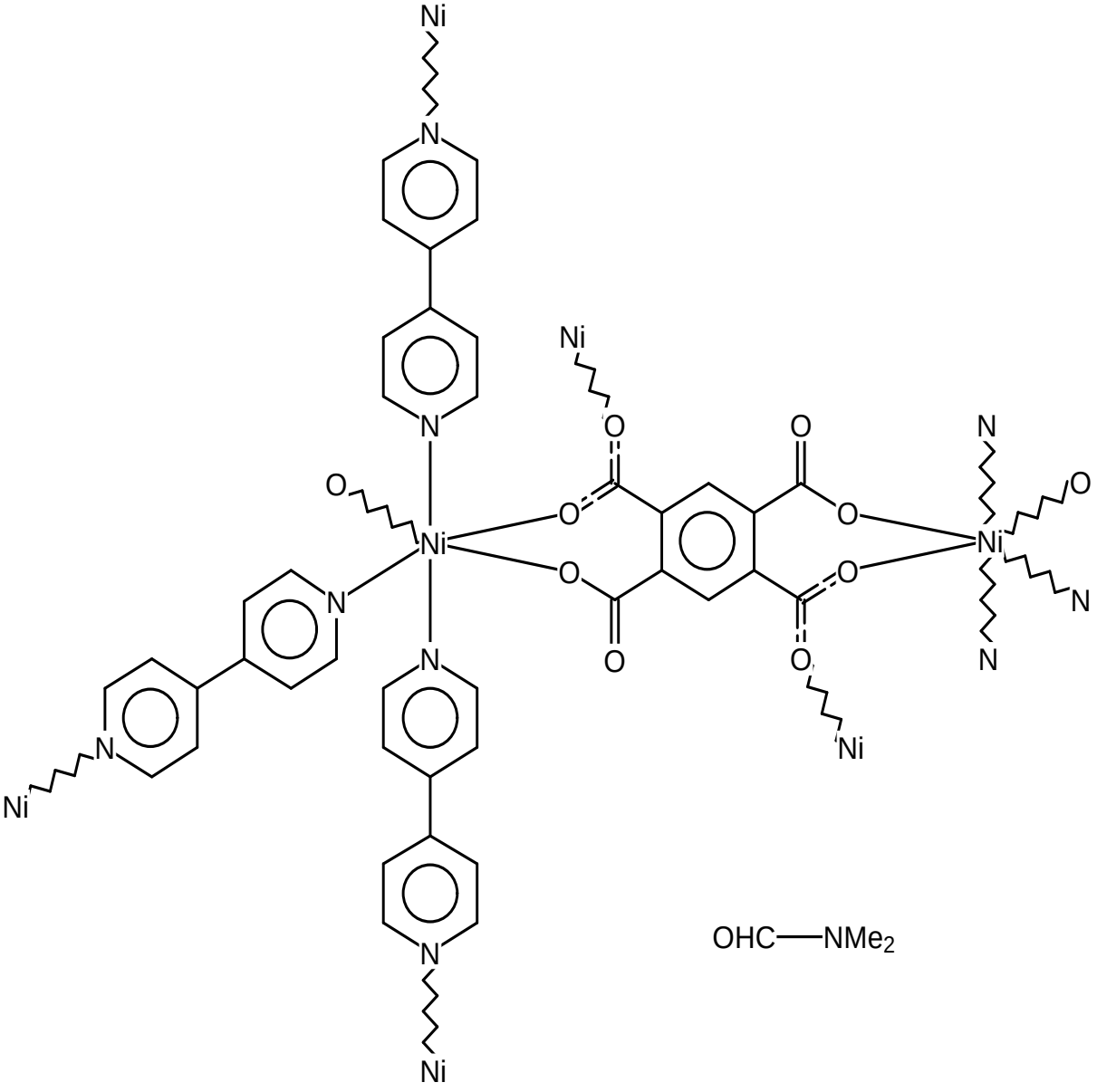
Reference: Chaoying Gao, Shuxia Liu, Linhua Xia, Chunyan Sun, Jianfang Cao, Yuanhang Ren, Dan Feng, Zhongming Su (2009) *CrystEngComm ,***11,**177

Formula: $(C_{40}\ H_{26}\ N_6\ Ni_2\ O_8)n,3n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-[(μ_4-1,2,4,5-Benzenetetracarboxylato)-tris(μ_2-4,4'-bipyridine-N, N')-di-nickel(ii) dimethylformamide solvate]

Space Group:	P-1	***Cell:***	***a***	8.793(2)	***b***	10.091(3)	***c***	15.404(4)
Space Group No.:	2	***(Å,°)***	α	87.83(0)	β	88.94(0)	γ	73.32(0)

R-Factor (%): 5.46 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.340



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2902

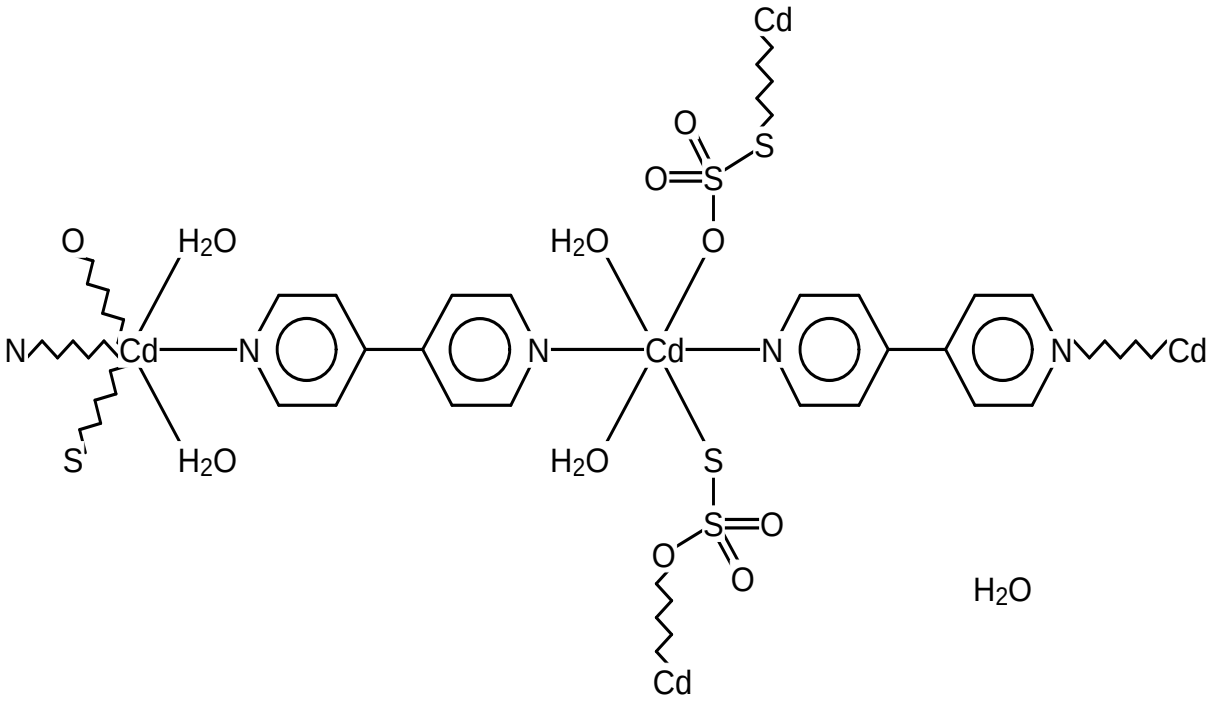
XOPWIJ

Reference: A.K.Paul, G.Madras, S.Natarajan (2009) *CrystEngComm* , **11,**55

Formula: $(C_{20}\ H_{24}\ Cd_2\ N_4\ O_{10}\ S_4)n,4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-thiosulfato-O,S)-tetra-aqua-di-cadmium(ii) tetrahydrate]

Space Group:	P21/n	***Cell:***	***a***	7.176(1)	***b***	10.515(1)	***c***	20.899(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β	99.30(0)	γ	90.00
R-Factor (%):	3.23	***Temperature(K):***	293		***Density(g/cm^3):***	1.933		



Search: search1 (Thu May 26 10:05:42 2011): Hit 2903

XOPWOP

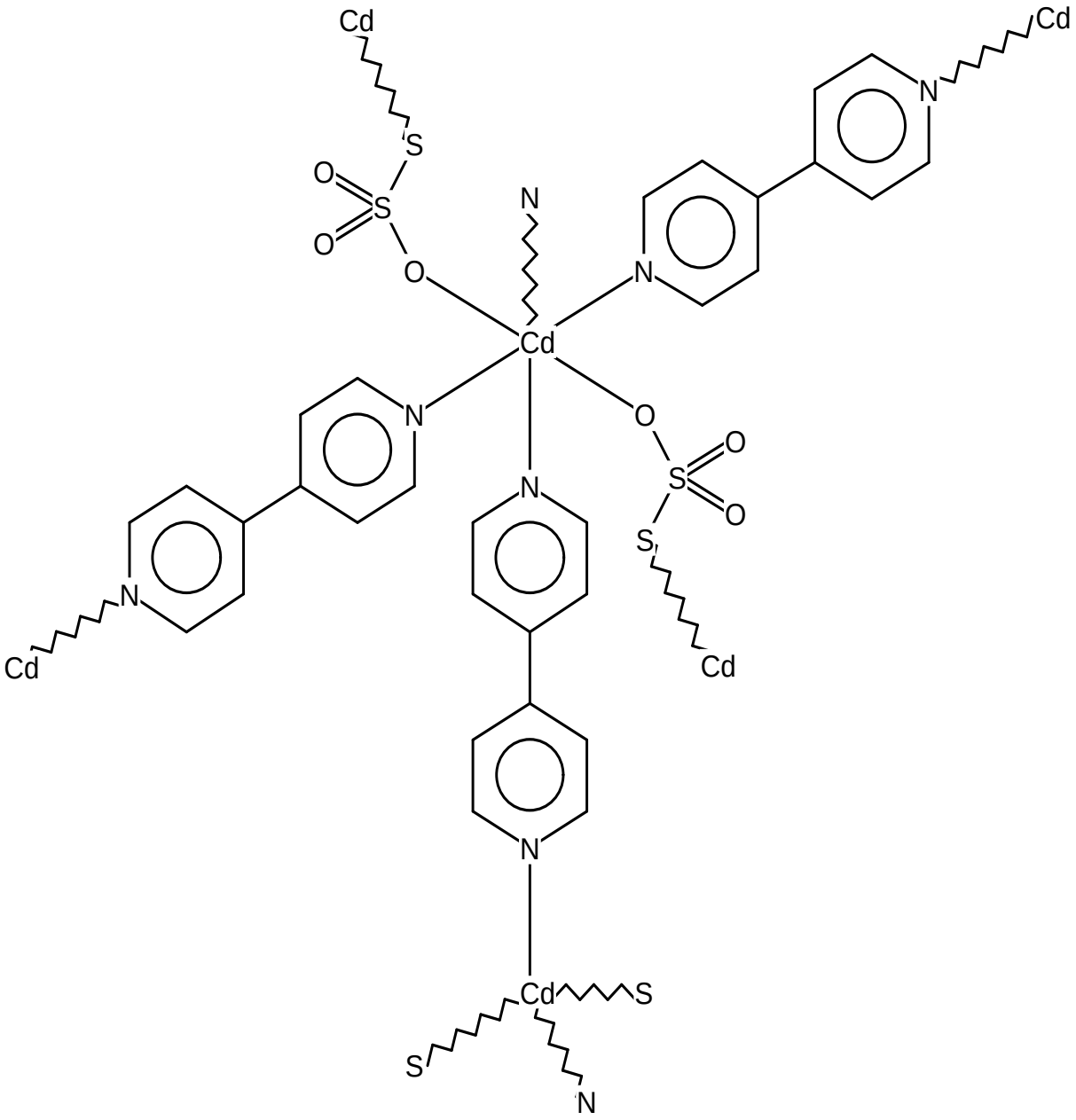
Reference: A.K.Paul, G.Madras, S.Natarajan (2009) *CrystEngComm* , **11,**55

Formula: $(C_{30}\ H_{24}\ Cd_2\ N_6\ O_6\ S_4)n$

Compound Name: catena-[tris(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-thiosulfato-O,S)-di-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	12.628(2)	***b*** 15.081(2)	***c***	17.362(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.08(0)	γ	90.00

R-Factor (%): 3.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.928



Search: search1 (Thu May 26 10:05:42 2011): Hit 2904

XOPWUV

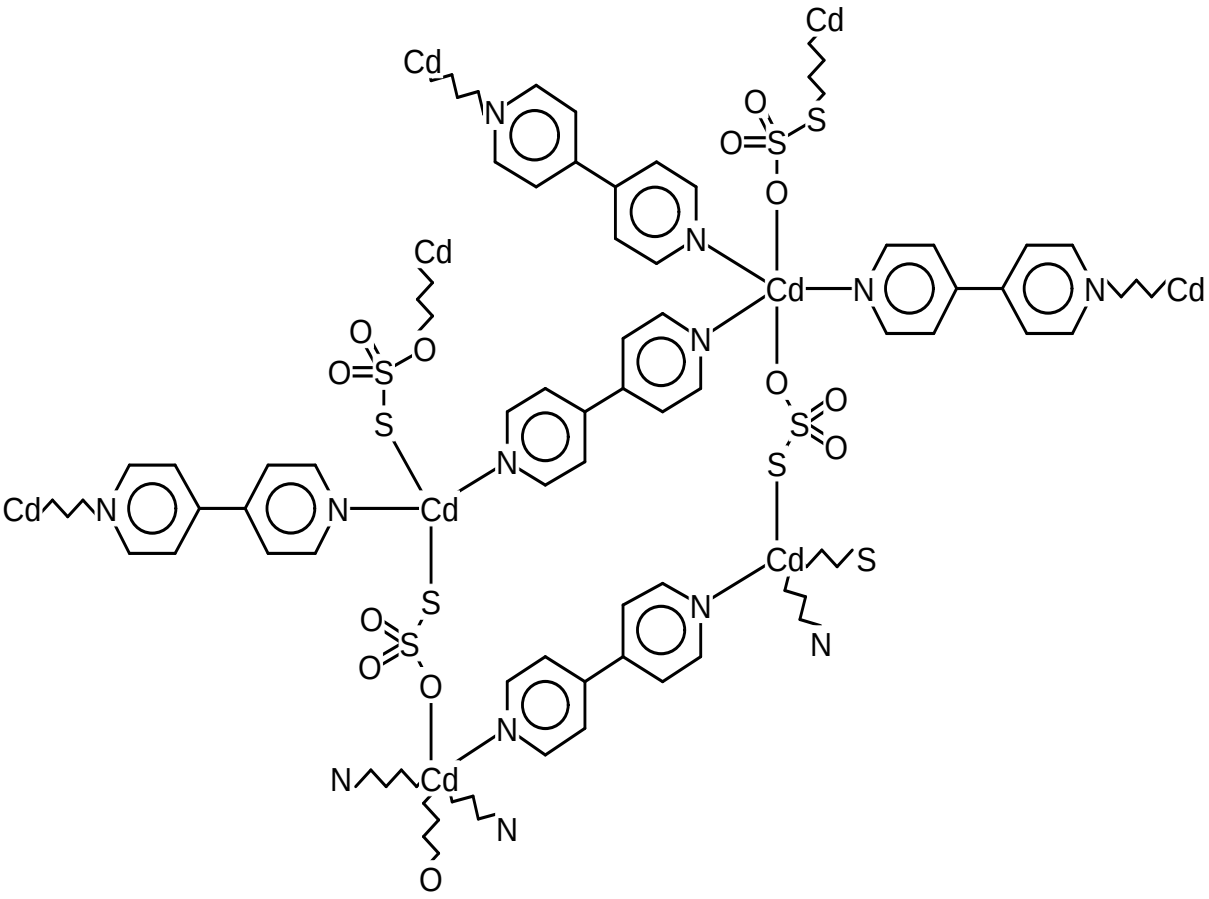
Reference: A.K.Paul, G.Madras, S.Natarajan (2009) *CrystEngComm* , **11,**55

Formula: $(C_{50}\ H_{40}\ Cd_4\ N_{10}\ O_{12}\ S_8)n$

Compound Name: catena-[pentakis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(μ_2-thiosulfato-O,S)-tetra-cadmium(ii)]

Space Group:	P21/c	***Cell:***	***a*** 11.034(1)	***b*** 15.894(2)	***c*** 15.823(2)
Space Group No.:	14	***(Å,°)***	α 90.00	β 91.97(0)	γ 90.00

R-Factor (%): 3.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.011



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2905

XORBOW

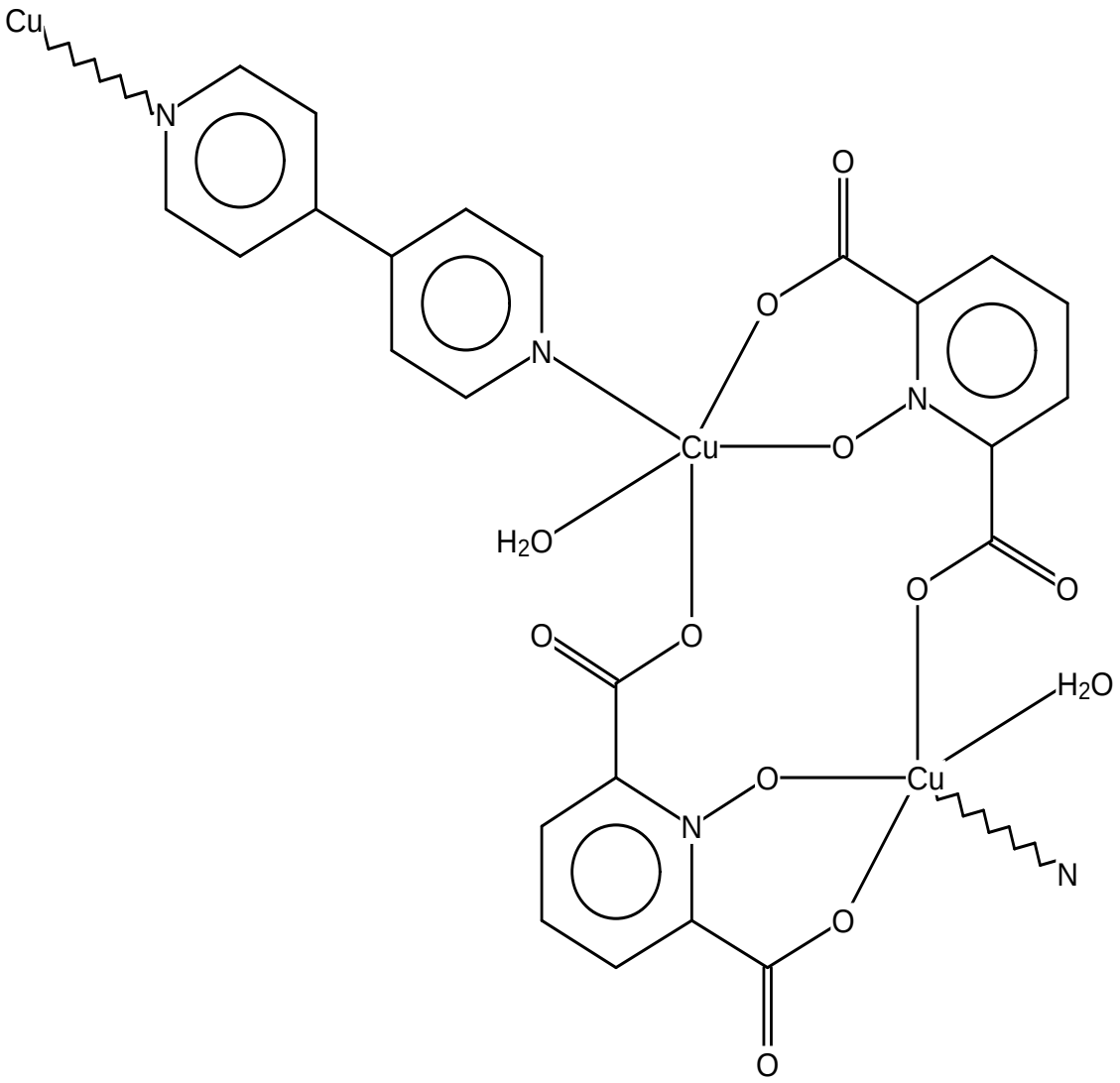
Reference: Jian-Qiang Liu, Wei-Ping Wu, Yao-Yu Wang, Wen-Huan Huang, Wei-Hong Zhang, Qi-Zhen Shi, J.S.Miller (2009) *Inorg.Chim.Acta ,***362,**1295

Formula: $(C_{24}\ H_{18}\ Cu_2\ N_4\ O_{12})n,4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-pyridine-2,6-dicarboxylato N-oxide-O,O',O'')-diaqua-di-copper(ii) tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	7.579(1)	***b***	10.479(1)	***c***	11.026(1)
Space Group No.:	2	***(Å,°)***	α	109.30(0)	β	107.27(0)	γ	104.03(0)

R-Factor (%): 2.82 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.712



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2906

XORJAQ

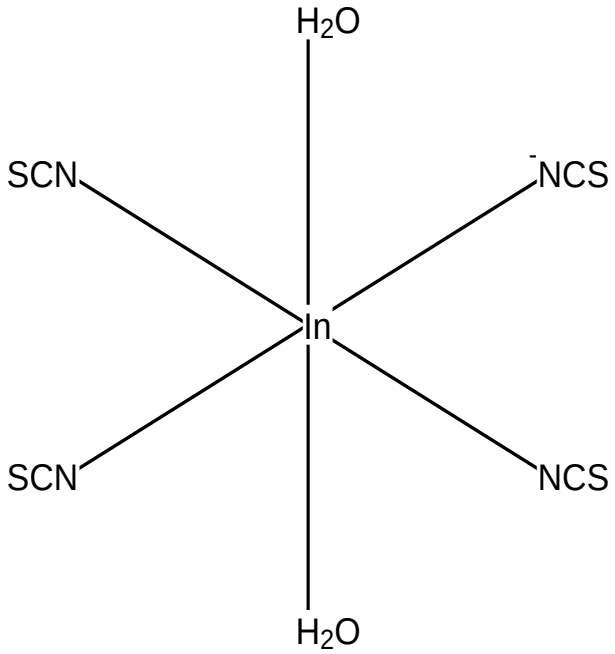
Reference: S.P.Petrosyants, A.B.Ilyukhin, V.A.Ketsko (2008)
Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.) ,**53,**951

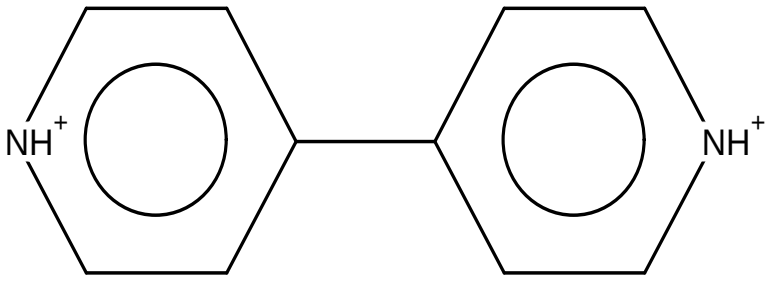
Formula: $C_{10}\,H_{10}\,N_2\,^{2+}$,2($C_4\,H_4\,In_1\,N_4\,O_2\,S_4\,^{1-}$)

Compound Name: 4,4'-Bipyridinium bis(diaqua-tetrakis(isothiocyanato)-indium(iii))

Space Group:	P-1	***Cell:***	***a***	11.339(1)	***b***	11.332(1)	***c*** 14.470(2)
Space Group No.:	2	***(Å,°)***	α	82.57(1)	β	82.89(0)	γ 62.73(0)

R-Factor (%): 4.48 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.879





Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2907

XORJEU

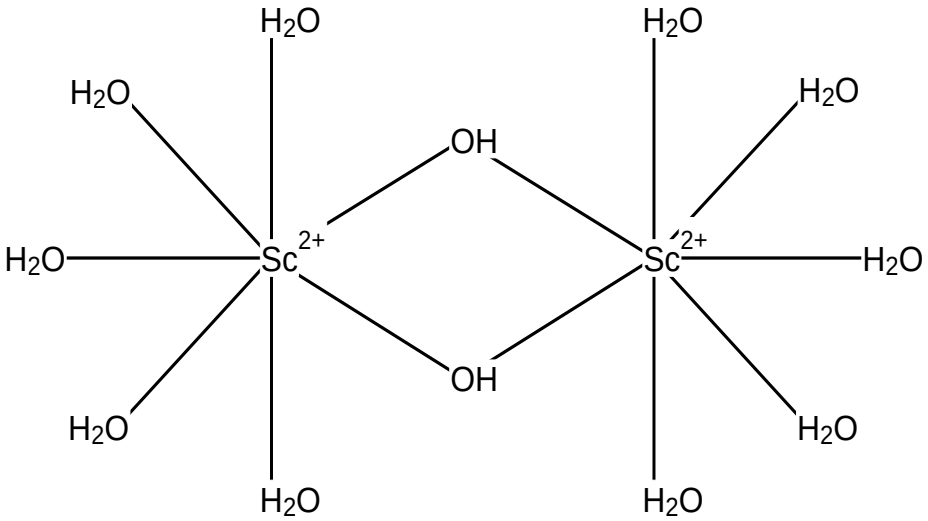
Reference: A.B.Ilyukhin, Zh.V.Dobrokhotova, S.P.Petrosyants (2008) *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)* ,**53,**53

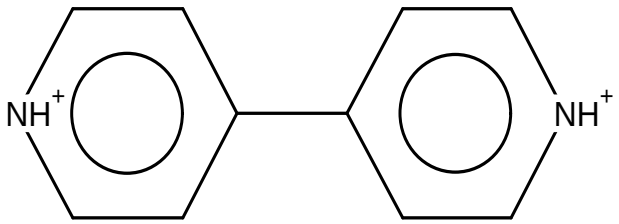
Formula: $2(C_{10}H_{10}N_2^{2+}),H_{22}O_{12}Sc_2^{4+},C_{10}H_8N_2,8(Cl_1^{1-})$

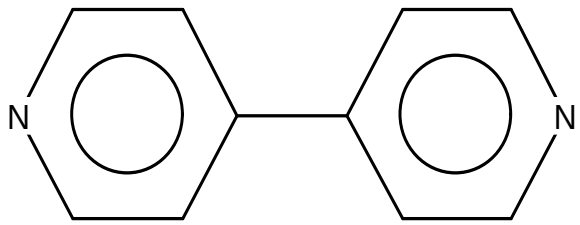
Compound Name: bis(4,4'-Bipyridinium) bis(μ_2-hydroxo)-deca-aqua-di-scandium(iii) 4,4'-bipyridyl octachloride

Space Group:	P-1	***Cell:***	***a***	9.276(1)	***b***	10.924(2)	***c***	12.549(1)
Space Group No.:	2	***(Å,°)***	α	84.12(2)	β	77.61(2)	γ	70.63(2)

R-Factor (%): 4.82 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.504







Cl^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2908

XORQUR

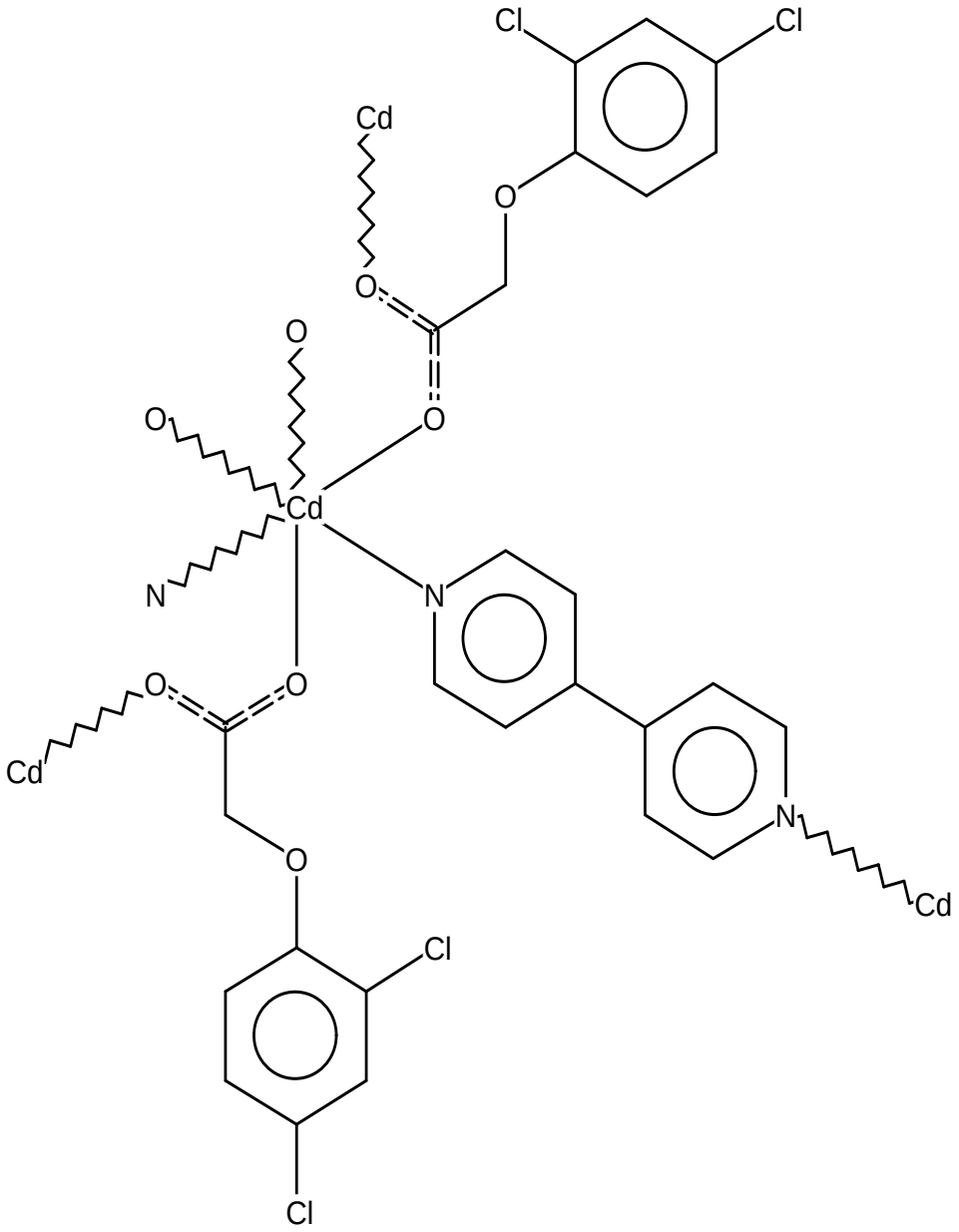
Reference: Wei Li, Chang-Hong Li, Ying-Qun Yang, Shao-Hua Zhang, Yu-Lin Li (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,** 369

Formula: $(C_{26}\ H_{18}\ Cd_1\ Cl_4\ N_2\ O_6)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(μ_2-2,4-dichlorophenoxyacetato)-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	23.425(3)	***b***	11.810(1)	***c*** 9.779(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.82(0)	γ 90.00

R-Factor (%): 2.38 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.752



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2909

XORRUR

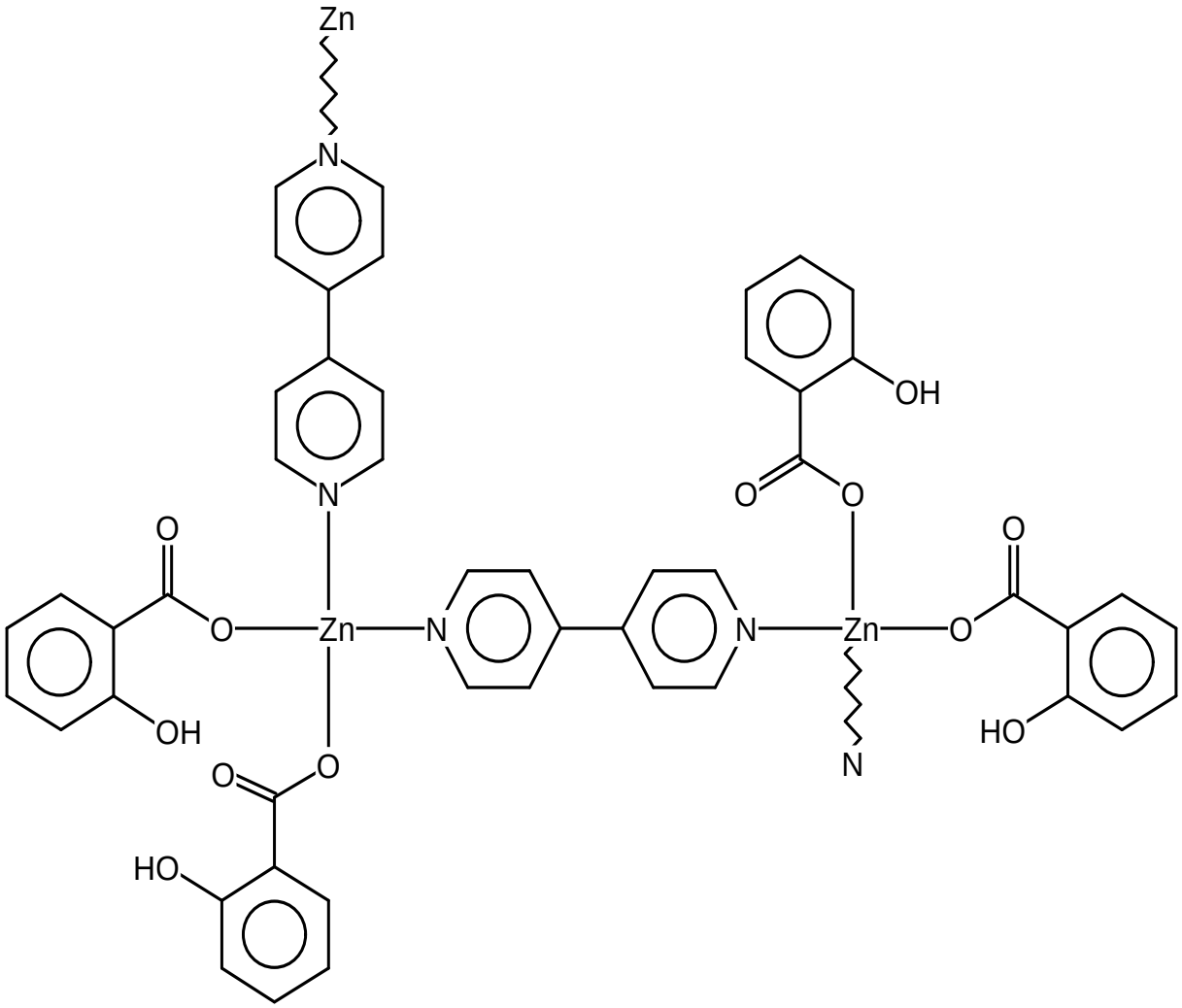
Reference: Wei Li, Ming-Liang Tong, Xiao-Ming Chen, Seik Weng Ng (2001) *Main Group Met.Chem. ,***24,**799

Formula: $(C_{48}\ H_{36}\ N_4\ O_{12}\ Zn_2)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(salicylato-O)-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	8.341(2)	***b*** 10.696(4)	***c***	13.334(4)
Space Group No.:	2	***(Å,°)***	α	81.20(2)	β 78.45(2)	γ	69.67(2)

R-Factor (%): 5.64 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.513



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2910

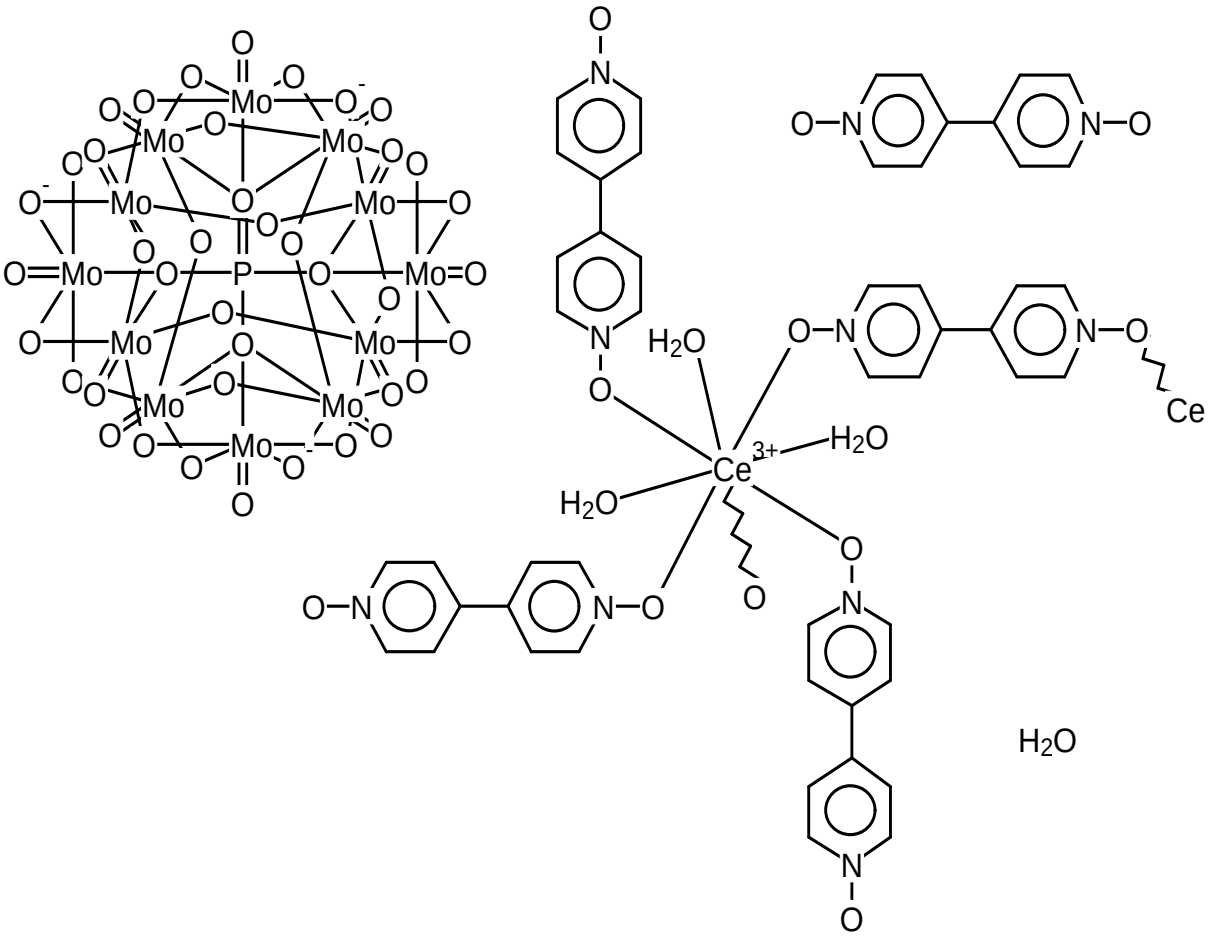
XORSAZ

Reference: Mei-Lin Wei, Kai Jiang, Rui-Ping Sun (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**157

Formula: $(C_{40}\ H_{38}\ Ce_1\ N_8\ O_{11}\ ^{3+})n,n(Mo_{12}\ O_{40}\ P_1\ ^{3-}),0.5n(C_{10}\ H_8\ N_2\ O_2),4n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine-N,N'-dioxide)-tris(4,4'-bipyridine-N,N'-dioxide)-triaqua-cerium(iii) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodeca-oxo-dodeca-molybdenum 4,4'-bipyridine-N,N'-dioxide solvate tetrahydrate)

Space Group:	P-1	***Cell:***	***a***	13.368(4)	***b***	16.503(4)	***c*** 18.506(5)
Space Group No.:	2	***(Å,°)***	α	88.83(0)	β	82.09(0)	γ 83.58(0)
R-Factor (%):	6.03	***Temperature(K):***	293	***Density(g/cm^3):***	2.426		



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2911

XOSVEG

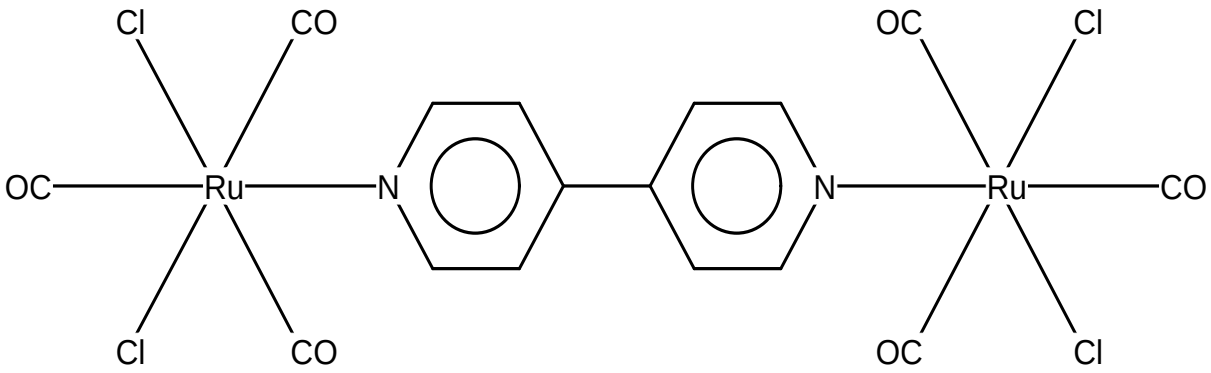
Reference: T.-J.J.Kinnunen, M.Haukka, E.Pesonen, T.A.Pakkanen (2002) *J.Organomet.Chem.* ,**655,**31

Formula: $C_{16}\,H_8\,Cl_4\,N_2\,O_6\,Ru_2$

Compound Name: (μ_2-4,4'-Bipyridyl-N,N')-fac-hexacarbonyl-cis-tetrachloro-di-ruthenium

Space Group:	P21/c	***Cell:***	***a*** 5.966(0)	***b*** 12.639(0)	***c*** 14.584(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 97.50(0)	γ 90.00

R-Factor (%): 3.01 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.035



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2912

XOSZAG

Reference: Can-Zhong Lu, Chuan-De Wu, Hong-Hui Zhuang, Jin-Shun Huang (2002) *Chem.Mater. ,***14,**2649

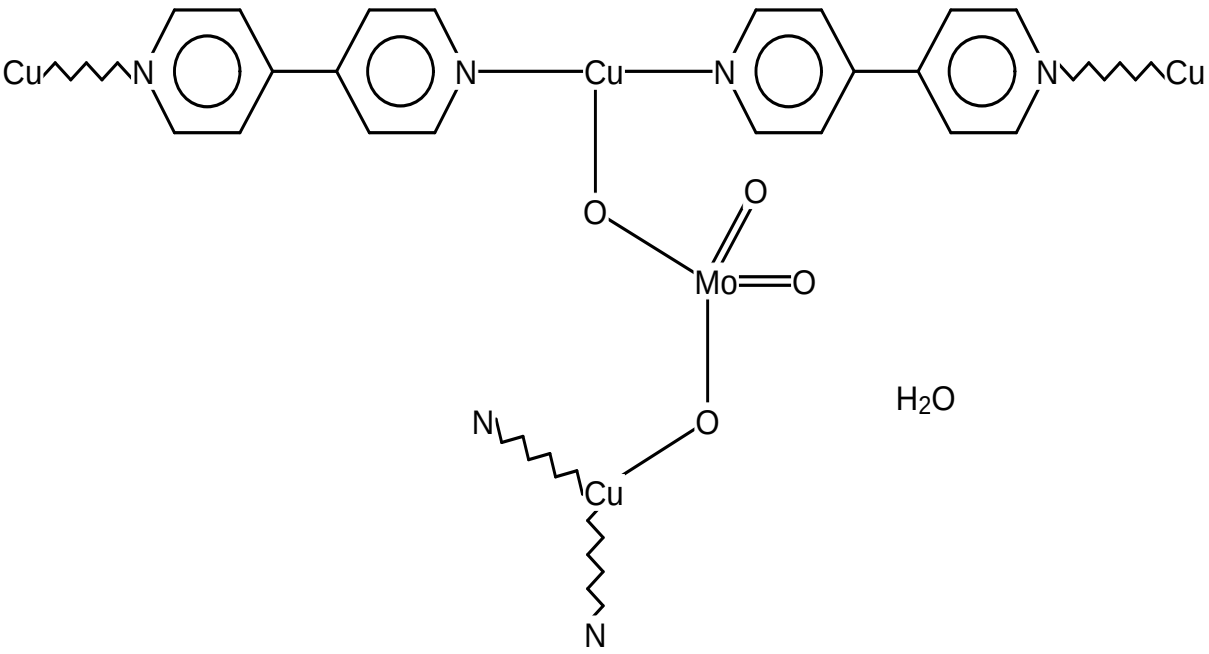
Formula: $(C_{20}\ H_{16}\ Cu_2\ Mo_1\ N_4\ O_4)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-oxo)-dioxo-di-copper(i)-molybdenum dihydrate)

Synonym: catena-(bis(μ_2-4,4'-Bipyridyl)-(μ_2-tetraoxo-molybdato-O,O')-di-copper(i) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	10.936(0)	***b*** 17.775(0)	***c***	14.484(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.15(0)	γ	90.00

R-Factor (%): 8.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.597



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2913

XOSZIO

Reference: Can-Zhong Lu, Chuan-De Wu, Hong-Hui Zhuang, Jin-Shun Huang (2002) *Chem.Mater. ,***14,**2649

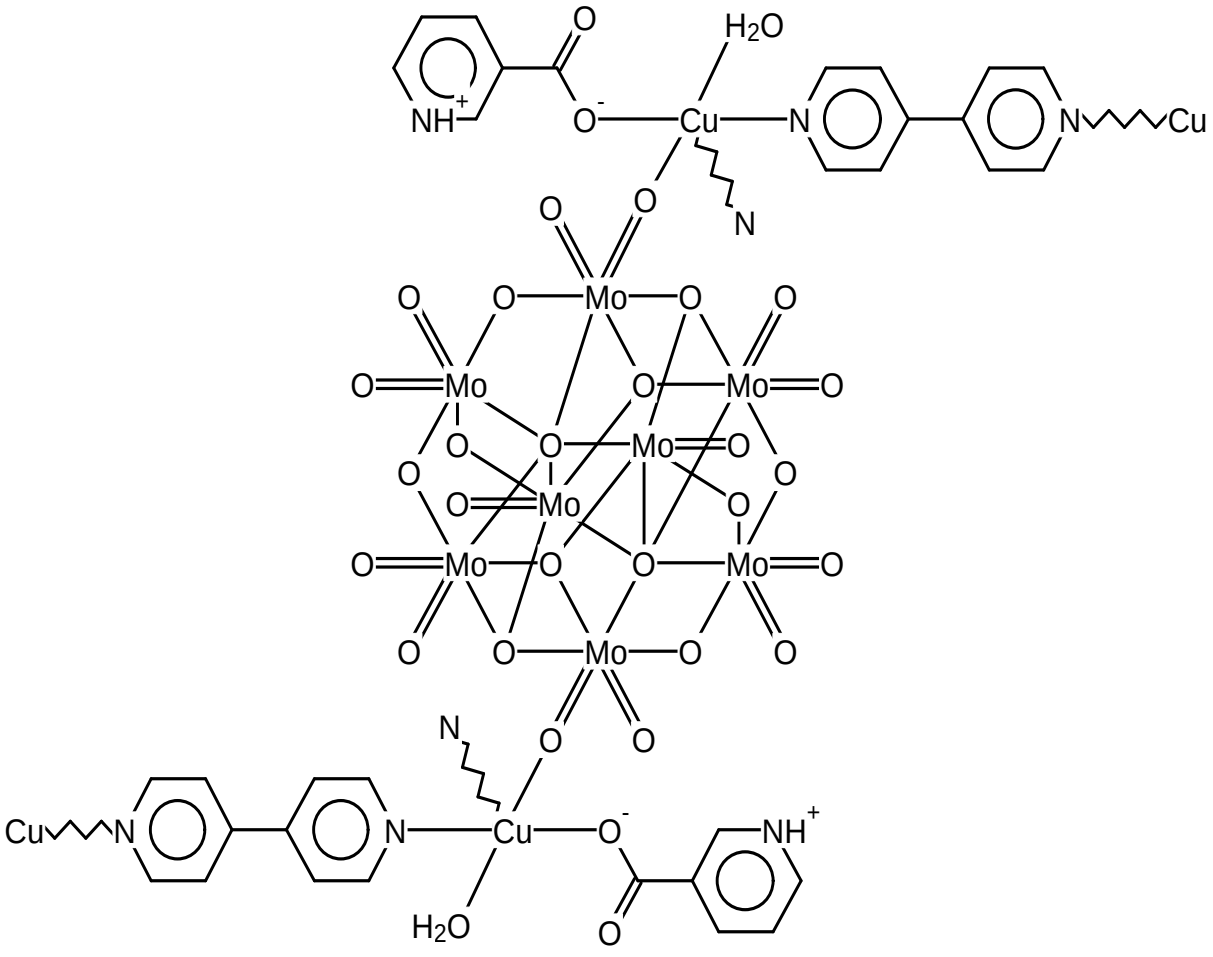
Formula: $(C_{32}\ H_{30}\ Cu_2\ Mo_8\ N_6\ O_{32})n$

Compound Name: catena-(bis(μ_5-Oxo)-tetrakis(μ_3-oxo)-octakis(μ_2-oxo)-bis(μ_2-4,4'-bipyridyl)-dodecaoxo-diaqua-bis(nicotinic acid-O)-di-copper(ii)-octa-molybdenum)

Synonym: catena-(bis(μ_2-4,4'-Bipyridyl)-(μ_2-polyoxo-octamolybdato-O,O')-diaqua-bis(nicotinic acid-O)-di-copper(ii))

Space Group:	P21/n	***Cell:***	***a***	11.457(0)	***b***	16.918(0)	***c*** 12.463(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.56(0)	γ 90.00

R-Factor (%): 3.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.622



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2914

XOTTUW

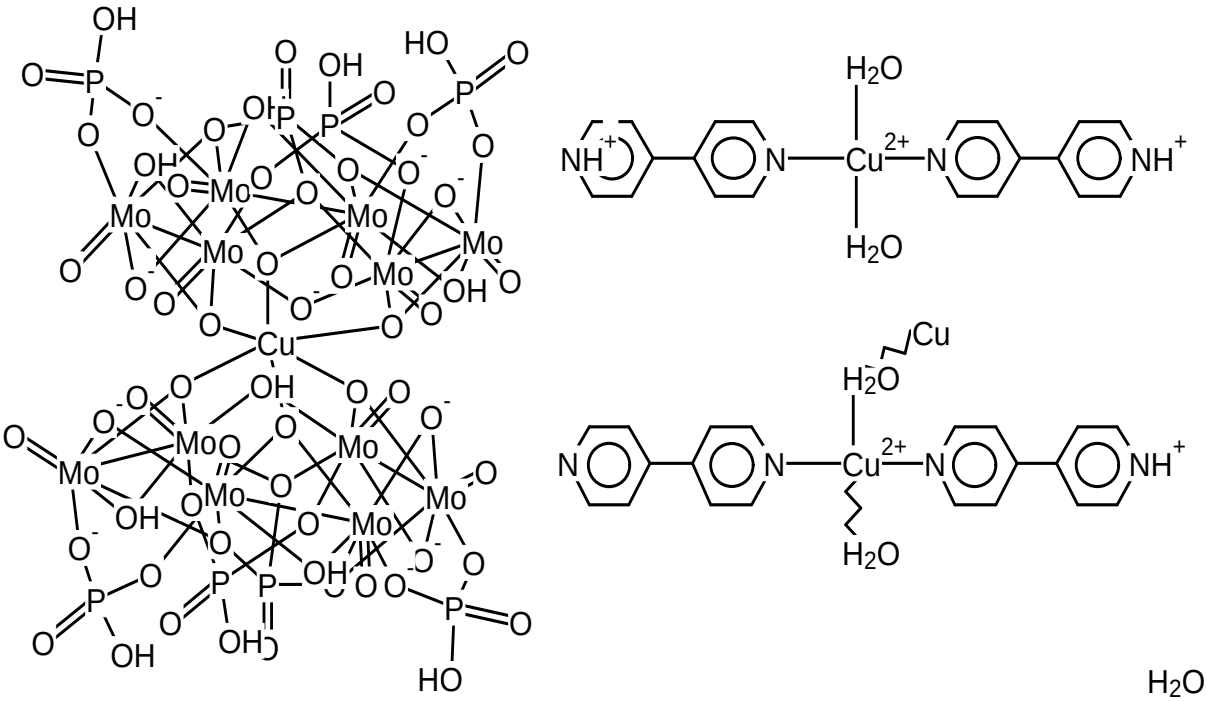
Reference: Hai Fu, Weilin Chen, Enbo Wang, Jia Liu, Song Chang (2009) *Inorg.Chim.Acta* ,**362,**1412

Formula: $(C_{20}\ H_{22}\ Cu_1\ N_4\ O_2\ ^{4+})n,2n(C_{20}\ H_{19}\ Cu_1\ N_4\ O_1\ ^{3+}),n(H_{12}\ Cu_1\ Mo_{12}\ O_{62}\ P_8\ ^{10-}),4n(H_2$

Compound Name: catena-(bis((μ2-aqua)-(4,4'-bipyridine)-(4,4'-bipyridinium)-copper(ii)) bis(4,4'-bipyridinium)-diaqua-copper(ii) bis(μ6-phosphato)-hexakis(μ3-oxo)-hexakis(μ2-hydrogen phosphato)-hexakis(μ2-hydroxo)-hexakis(μ2-oxo)-dodecaoxo-copper(ii)-dodeca-molybdenum(v) tetrahydrate)

Space Group:	C2/m	***Cell:***	***a***	20.697(4)	***b*** 23.836(5)	***c***	14.168(3)
Space Group No.:	12	***(Å,°)***	α	90.00	β 129.50(3)	γ	90.00

R-Factor (%): 7.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.305


OH
O
P
O
O
O
O
OH
O
Mo
O
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2915

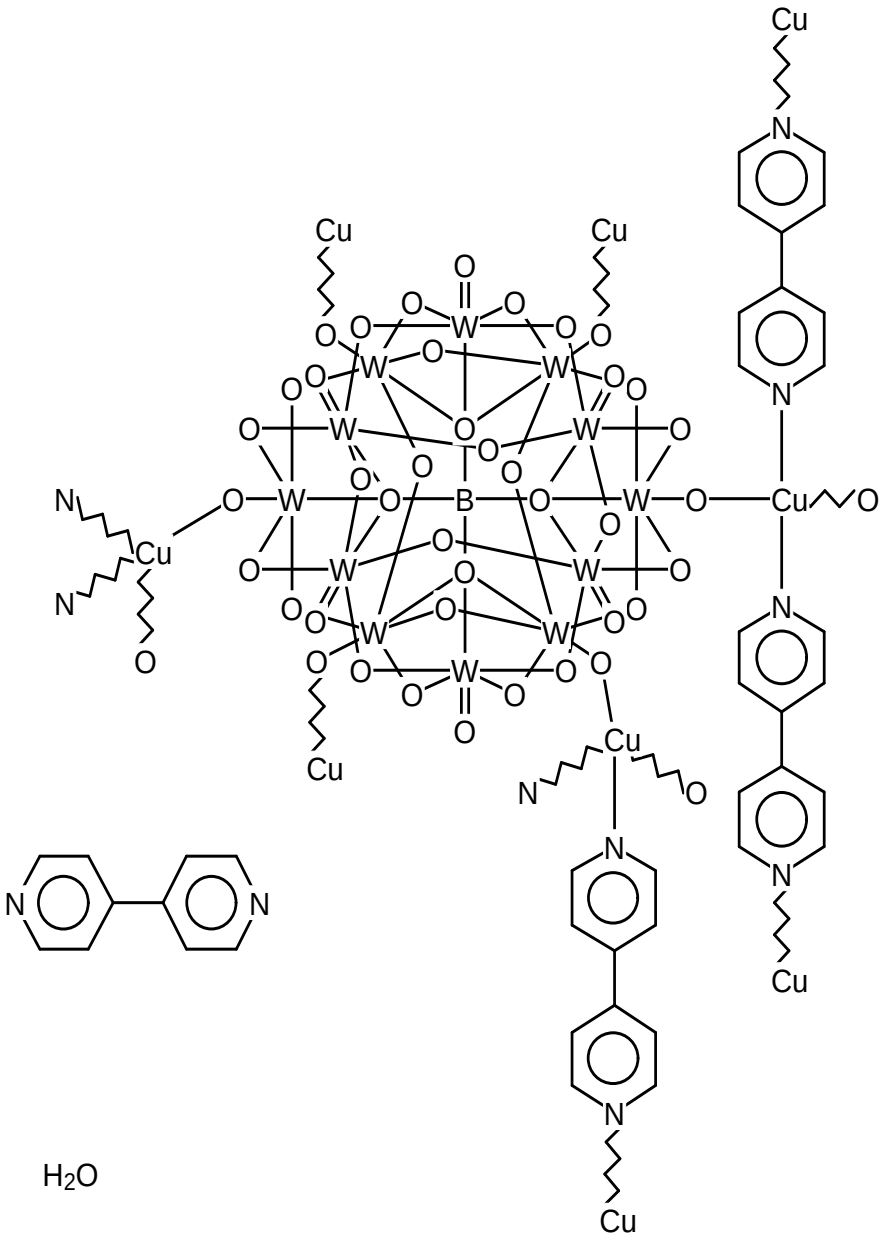
XOTVAE

Reference: Hai Fu, Weilin Chen, Enbo Wang, Jia Liu, Song Chang (2009) *Inorg.Chim.Acta* ,**362,**1412

Formula: $(C_{30}\ H_{24}\ B_1\ Cu_3\ N_6\ O_{40}\ W_{12})n,n(C_{10}\ H_8\ N_2),2n(H_2\ O_1)$

Compound Name: catena-((μ_{12}-borato)-tris(μ_2-4,4'-bipyridine)-triacontakis(μ_2-oxo)-hexaoxo-copper(i)-di-copper(ii)-dodeca-tungsten(vi) 4,4'-bipyridine dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.905(2)	***b*** 12.415(3)	***c*** 13.004(3)
Space Group No.:	2	***(Å,°)***	α 113.49(3)	β 93.47(3)	γ 99.16(3)
R-Factor (%):	6.85	***Temperature(K):***	293	***Density(g/cm^3):***	3.900



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2916

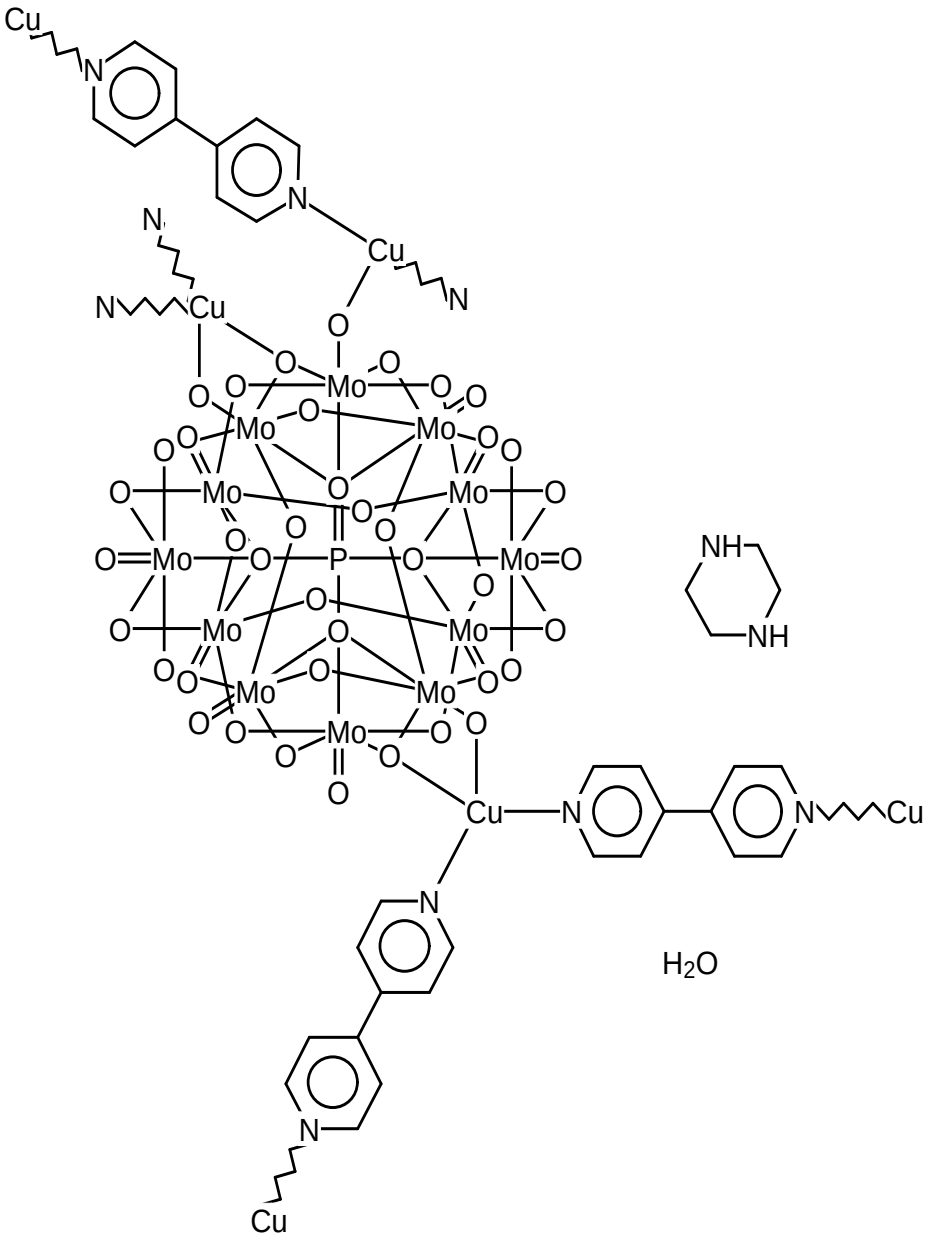
XOTVEI

Reference: Hai Fu, Weilin Chen, Enbo Wang, Jia Liu, Song Chang (2009) *Inorg.Chim.Acta* ,**362,**1412

Formula: $(C_{30}\ H_{24}\ Cu_3\ Mo_{12}\ N_6\ O_{40}\ P_1)n,n(C_4\ H_{10}\ N_2),2n(H_2\ O_1)$

Compound Name: catena-((μ_{12}-phosphato)-bis(μ_3-oxo)-tris(μ_2-4,4'-bipyridine)-pentacosakis(μ_2-oxo)-nonaoxo-tri-copper(i)-dodeca-molybdenum(v) piperazine dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.851(2)	***b***	10.953(2)	***c*** 13.696(3)
Space Group No.:	2	***(Å,°)***	α	98.61(3)	β	98.93(3)	γ 101.17(3)
R-Factor (%):	8.56	***Temperature(K):***	293	***Density(g/cm^3):***	2.789		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2917

XOVWUB

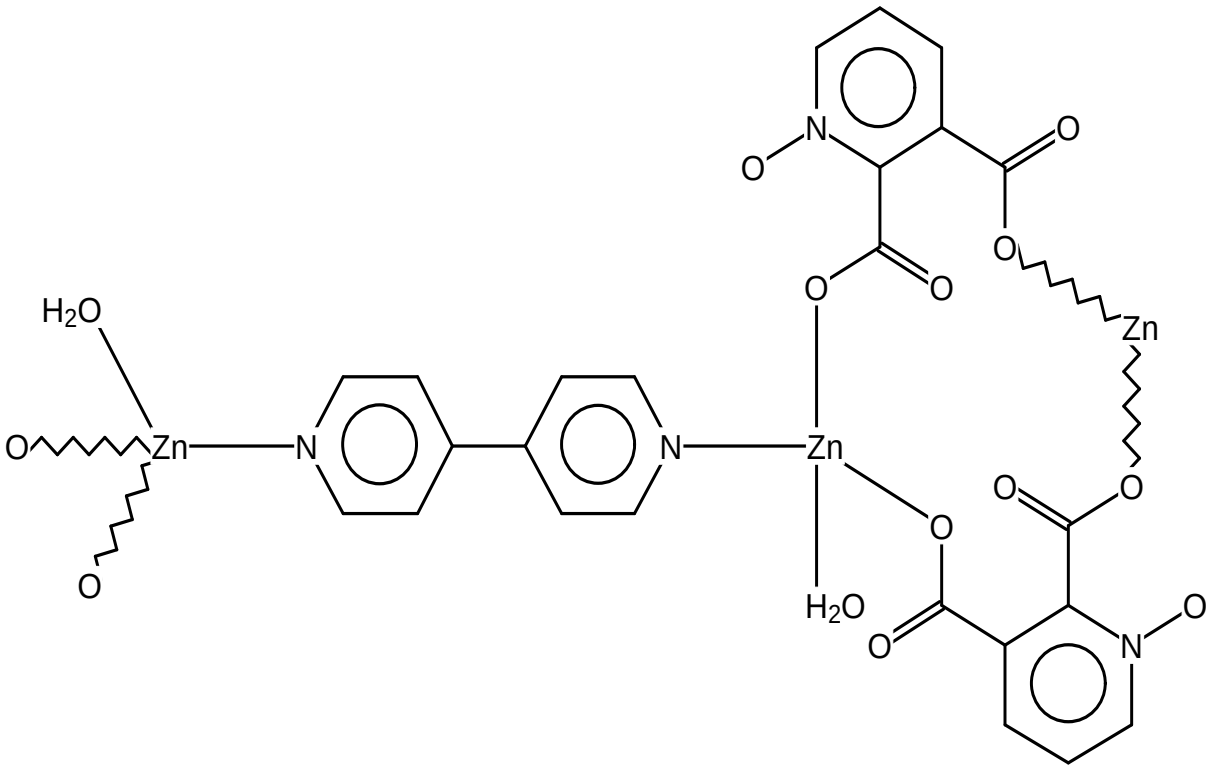
Reference: Li-Li Wen, Zhen-Da Lu, Xiao-Ming Ren, Chun-Ying Duan, Qing-Jin Meng, Song Gao (2009) *Cryst.Growth Des.* ,**9,**227

Formula: $(C_{24}\ H_{18}\ N_4\ O_{12}\ Zn_2)n$

Compound Name: catena-(bis(μ_2-N-Oxypyridine-2,3-dicarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-di-zinc(ii))

Space Group:	P21/n	***Cell:***	***a***	12.455(3)	***b*** 7.095(1)	***c***	14.054(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.90(0)	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.866



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2918

XOVXOW

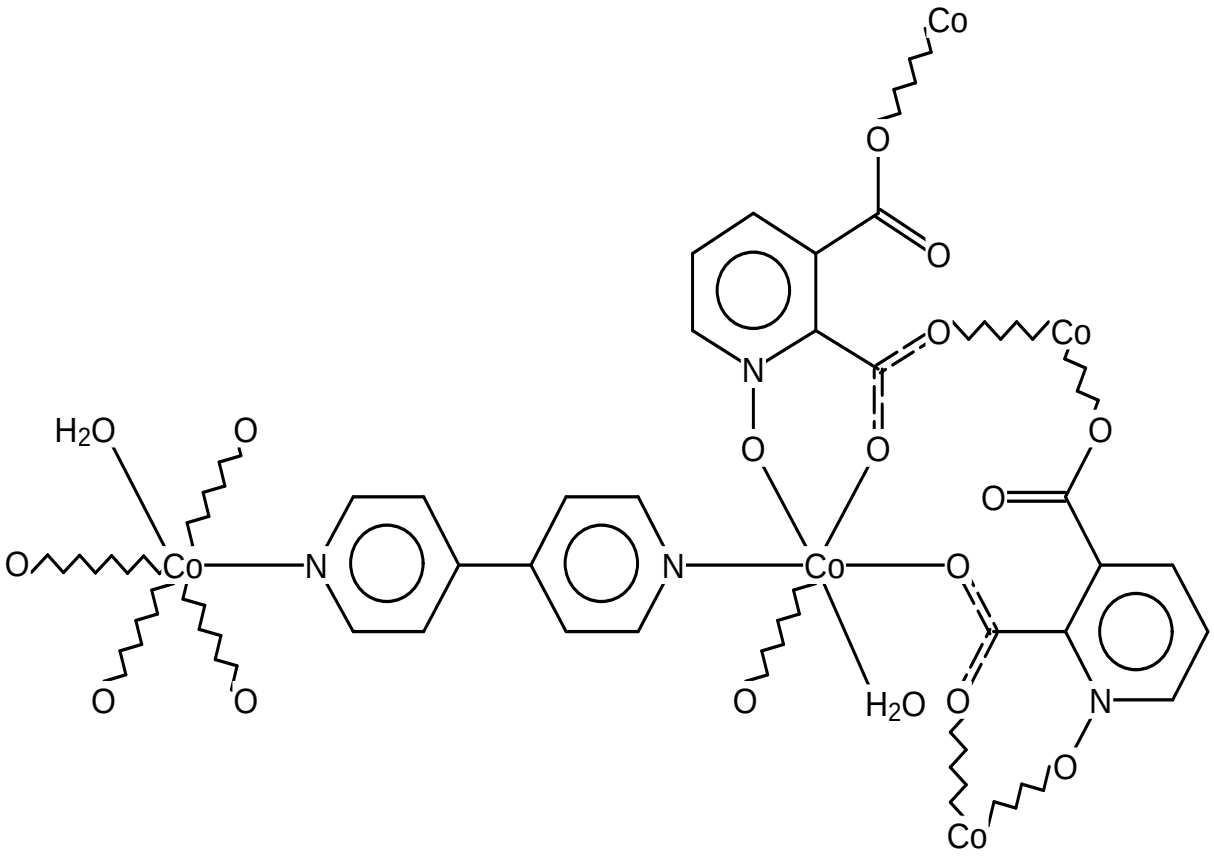
Reference: Li-Li Wen, Zhen-Da Lu, Xiao-Ming Ren, Chun-Ying Duan, Qing-Jin Meng, Song Gao (2009) *Cryst.Growth Des.* ,**9,**227

Formula: $(C_{24}\ H_{18}\ Co_2\ N_4\ O_{12})n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-N-Oxypyridine-2,3-dicarboxylato)-(μ_2-4,4'-bipyridine)-diaqua-di-cobalt(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	26.670(7)	***b*** 11.677(3)	***c***	8.191(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.89(0)	γ	90.00

R-Factor (%): 4.94 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.889



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2919

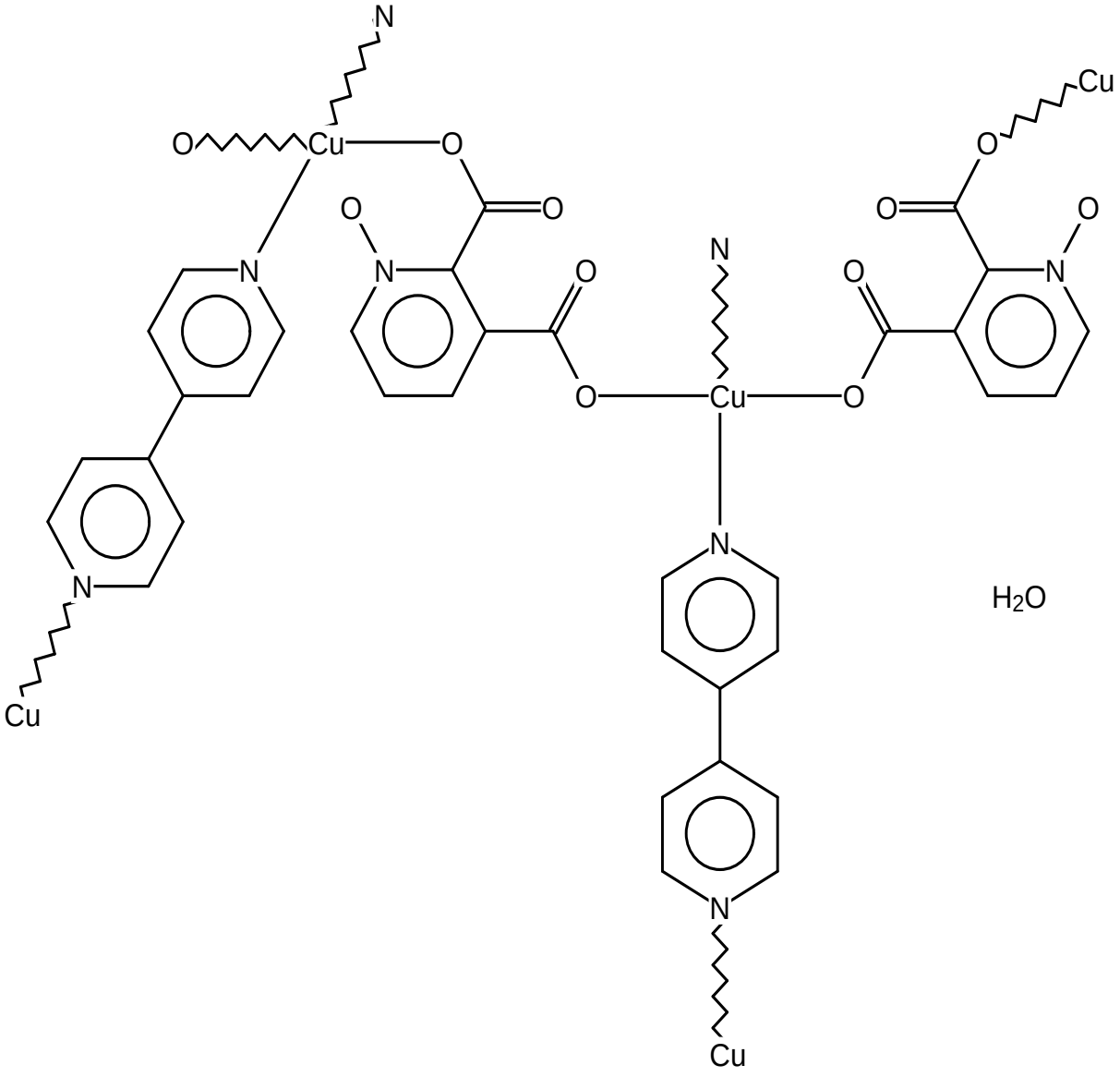
XOVYAJ

Reference: Li-Li Wen, Zhen-Da Lu, Xiao-Ming Ren, Chun-Ying Duan, Qing-Jin Meng, Song Gao (2009) *Cryst.Growth Des.* ,**9,**227

Formula: $(C_{34}\ H_{22}\ Cu_2\ N_6\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-N-Oxypyridine-2,3-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-di-copper(ii) dihydrate)

Space Group:	C2	***Cell:***	***a***	10.536(3)	***b*** 11.077(3)	***c***	14.174(4)
Space Group No.:	5	***(Å,°)***	α	90.00	β 105.12(0)	γ	90.00
R-Factor (%):	3.47	***Temperature(K):***	293		***Density(g/cm^3):***		1.742



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2920

XOVYEN

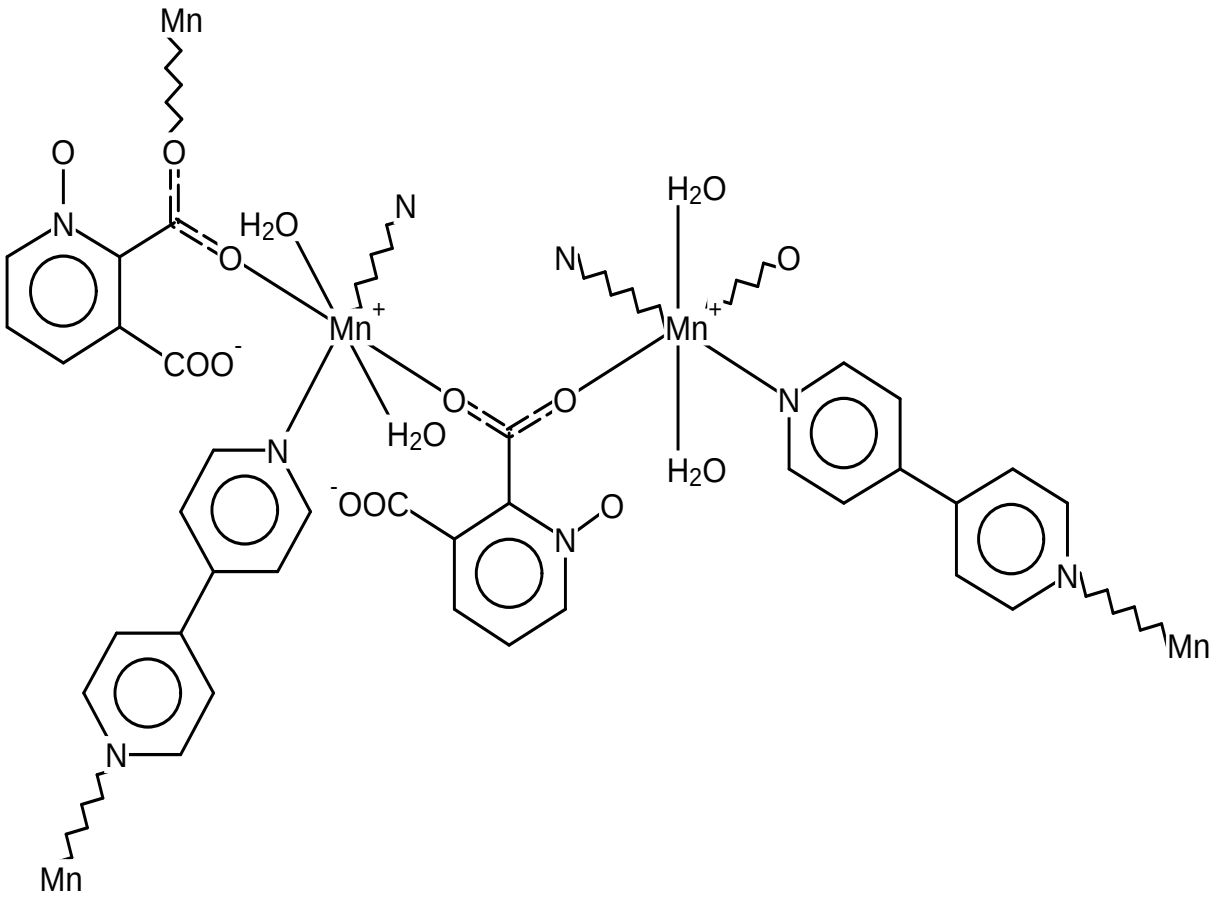
Reference: Li-Li Wen, Zhen-Da Lu, Xiao-Ming Ren, Chun-Ying Duan, Qing-Jin Meng, Song Gao (2009) *Cryst.Growth Des.* ,**9,**227

Formula: $(C_{34}\ H_{30}\ Mn_2\ N_6\ O_{14})n$

Compound Name: catena-(bis(μ_2-N-Oxypyridine-2,3-dicarboxylato)-bis(μ_2-4,4'-bipyridine)-tetraaqua-di-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	19.914(4)	***b*** 11.607(2)	***c***	15.188(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.90(0)	γ	90.00

R-Factor (%): 4.58 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.650



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2921

XOXHIC

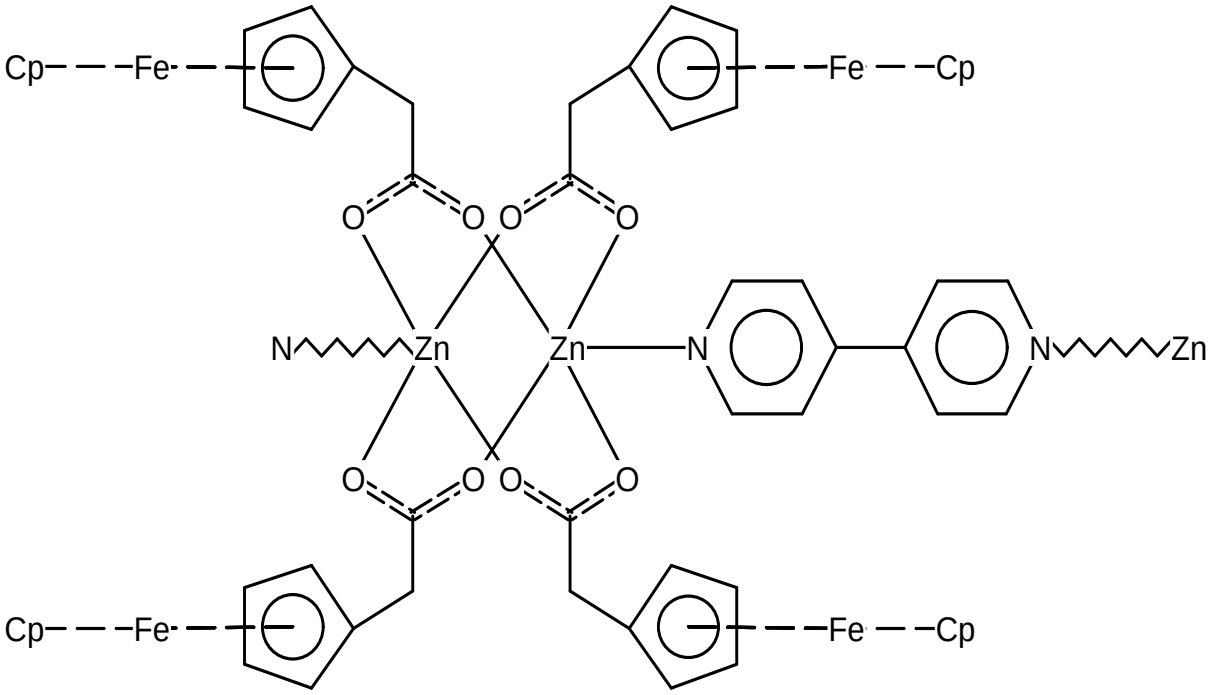
Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des.* ,**9,**903

Formula: $(C_{58}\ H_{52}\ Fe_4\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-(tetrakis(μ_2-Ferrocenylacetato-O,O')-(μ_2-4,4'-bipyridyl)-di-zinc(ii))

Space Group:	P21/n	***Cell:***	***a***	12.159(3)	***b*** 32.718(7)	***c***	13.924(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.37(0)	γ	90.00

R-Factor (%): 5.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.633



Search: search1 (Thu May 26 10:05:42 2011): Hit 2922

XOXHOI

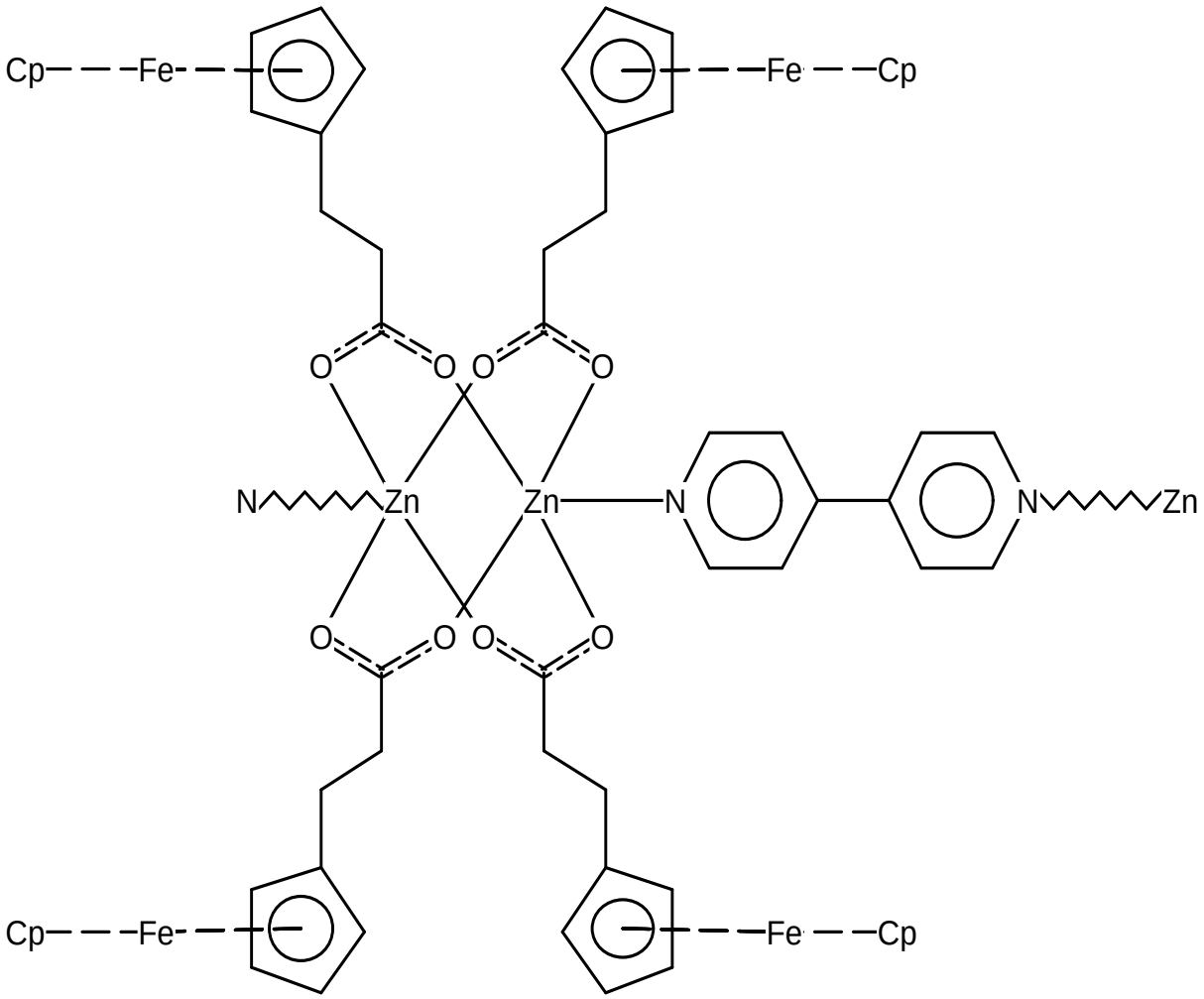
Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des. ,***9,**903

Formula: $(C_{62}\ H_{60}\ Fe_4\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-(tetrakis(μ_2-3-(Ferrocenyl)propanoato-O,O')-(μ_2-4,4'-bipyridyl)-di-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	34.373(4)	***b***	14.036(1)	***c*** 11.372(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.19(0)	γ 90.00

R-Factor (%): 4.95 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.592



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2923

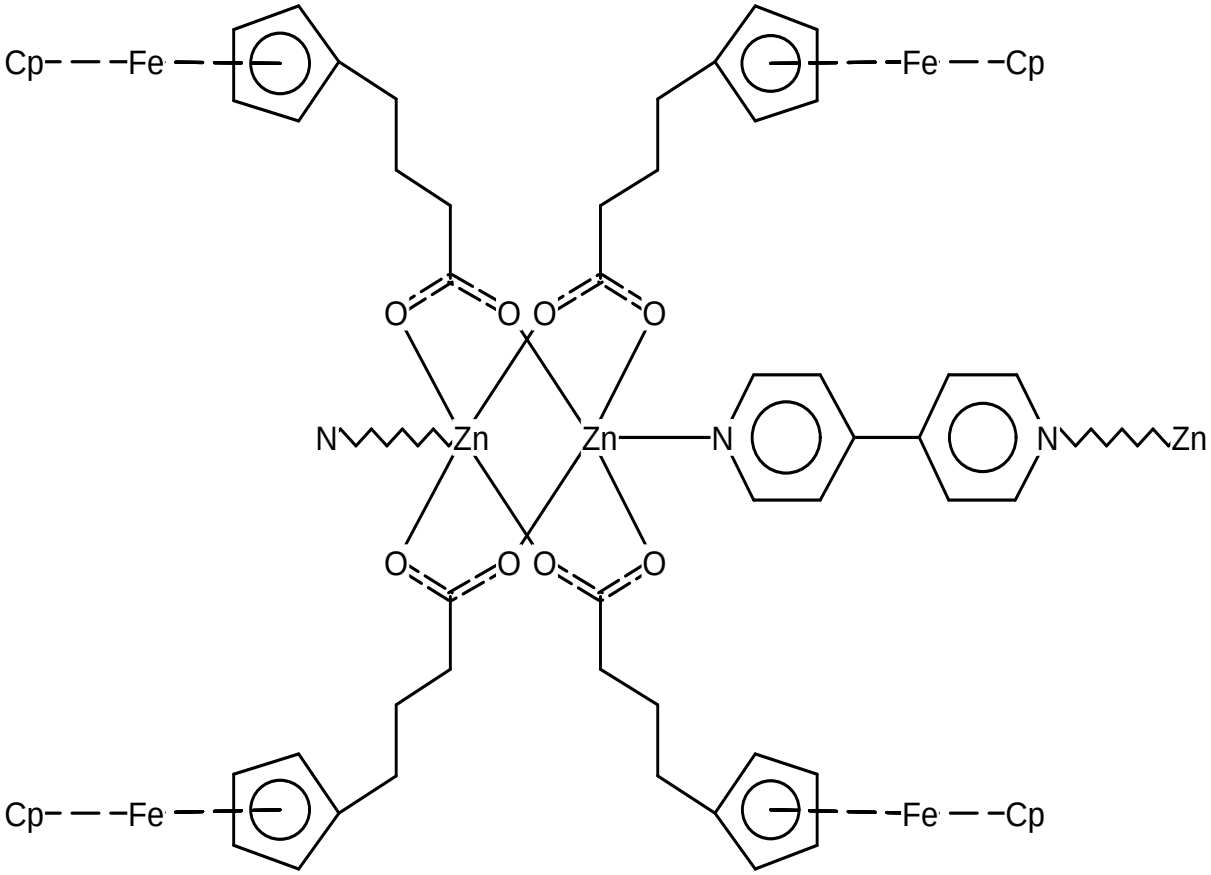
XOXHUO

Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des.* ,**9,**903

Formula: $(C_{66}\ H_{68}\ Fe_4\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-(tetrakis(μ_2-4-(Ferrocenyl)butanoato-O,O')-(μ_2-4,4'-bipyridyl)-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	8.465(1)	***b***	10.423(1)	***c***	17.341(2)
Space Group No.:	2	***(Å,°)***	α	95.98(0)	β	99.93(0)	γ	95.42(0)
R-Factor (%):	3.31	***Temperature(K):***	293		***Density(g/cm^3):***	1.529		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2924

XOXJAW

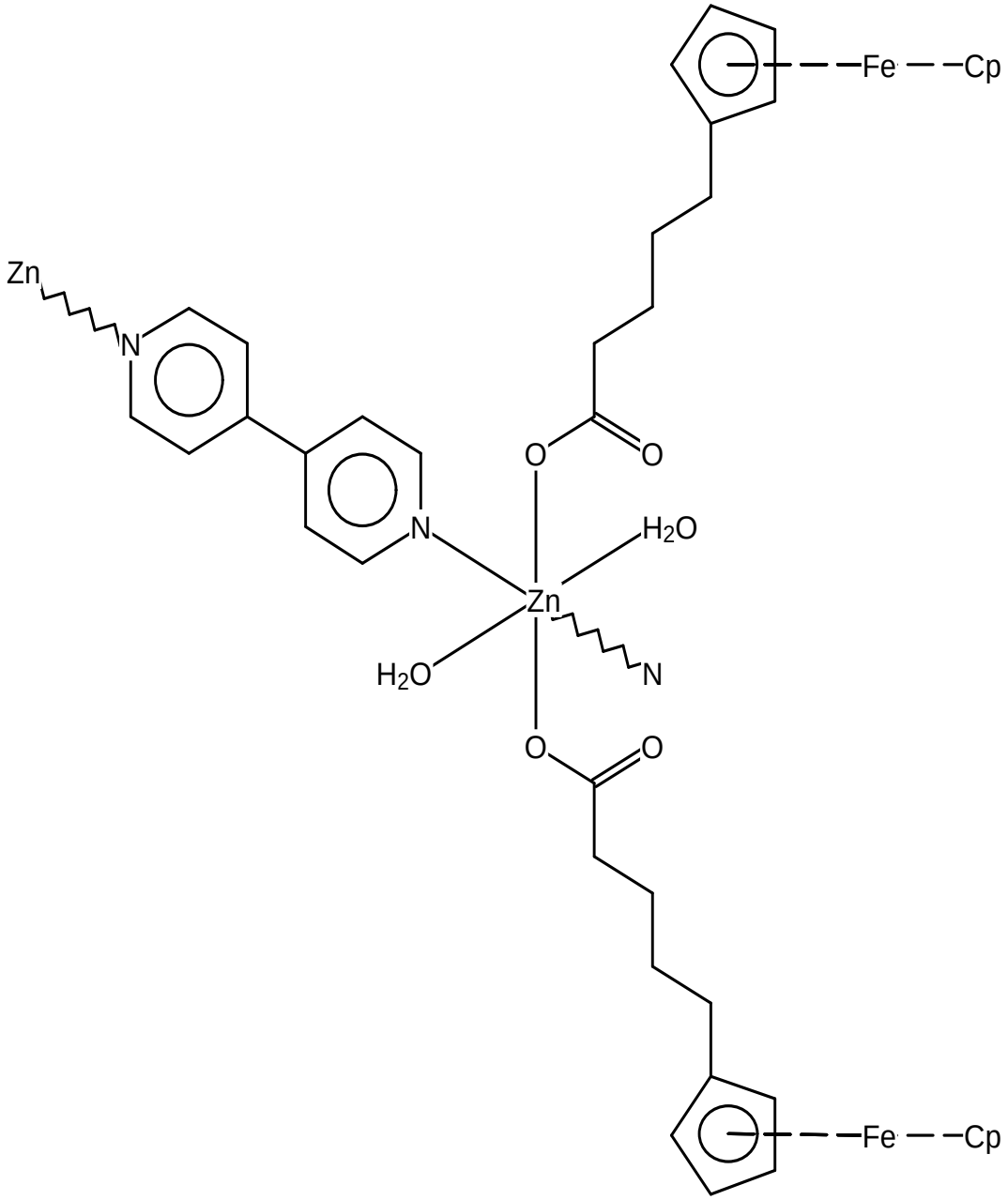
Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des.* ,**9,**903

Formula: $(C_{40}\ H_{46}\ Fe_2\ N_2\ O_6\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(5-(ferrocenyl)pentanoato-O)-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	28.347(6)	***b*** 11.537(2)	***c***	10.987(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.47(3)	γ	90.00

R-Factor (%): 3.24 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.562



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2925

XOXJEA

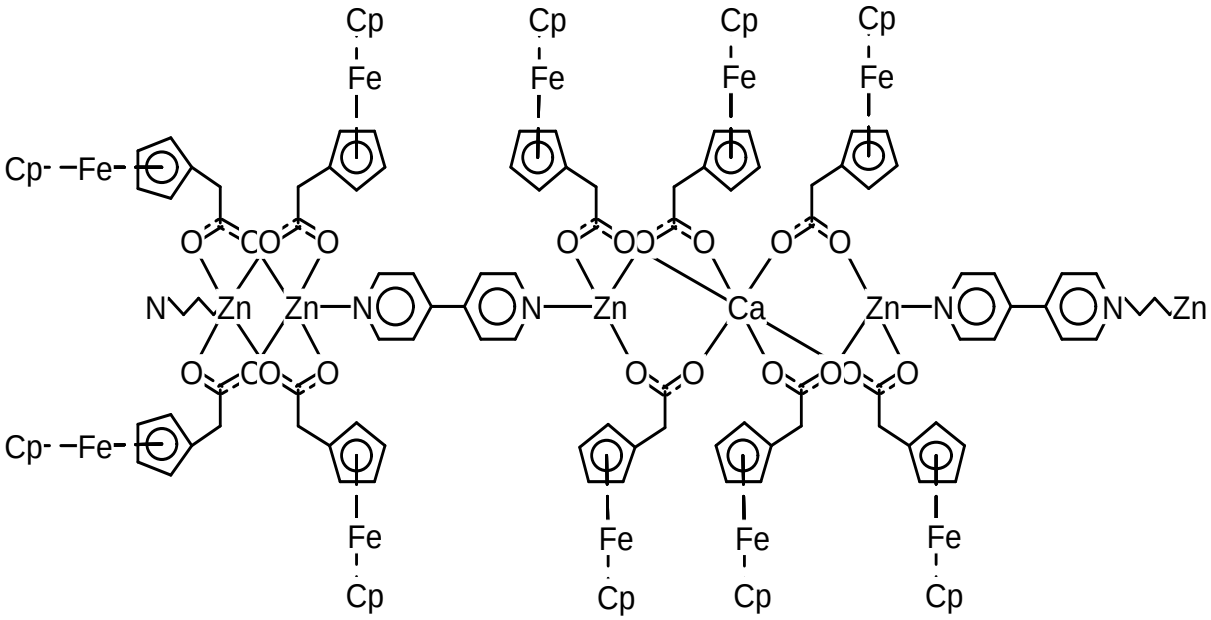
Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des.* ,**9,**903

Formula: $(C_{140}\ H_{126}\ Ca_1\ Fe_{10}\ N_4\ O_{20}\ Zn_4)n$

Compound Name: catena-(decakis(μ_2-Ferrocenylacetato-O,O')-bis(μ_2-4,4'-bipyridyl)-calcium(ii)-tetra-zinc(ii))

Space Group:	P-1	***Cell:***	***a*** 10.684(0)	***b*** 16.869(0)	***c*** 18.867(0)
Space Group No.:	2	***(Å,°)***	α 73.37(0)	β 74.89(0)	γ 75.34(0)

R-Factor (%): 6.42 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.638



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2926

XOXJIE

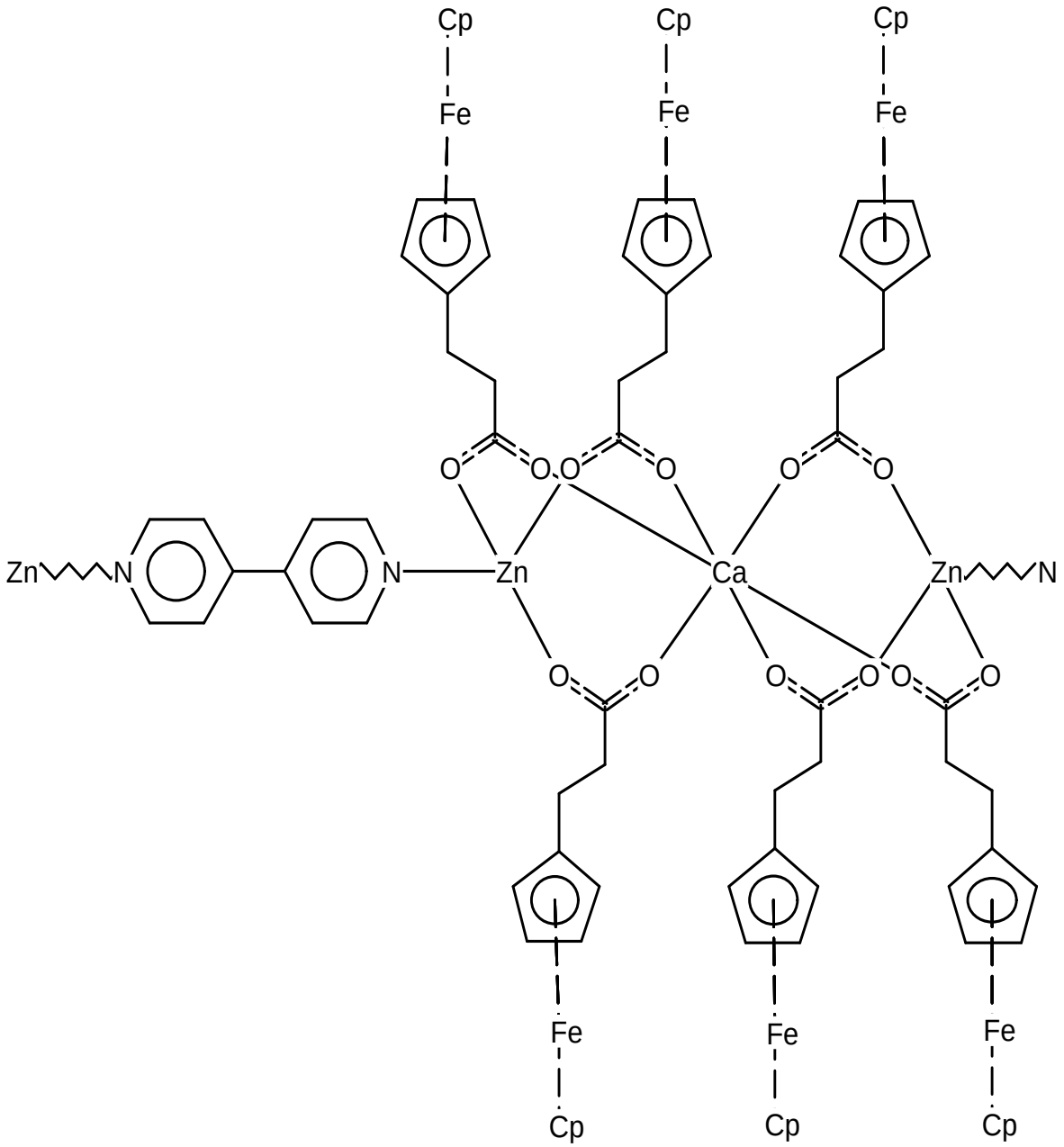
Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des.* ,**9,**903

Formula: $(C_{88}\ H_{86}\ Ca_1\ Fe_6\ N_2\ O_{12}\ Zn_2)n$

Compound Name: catena-(hexakis(μ_2-3-(Ferrocenyl)propanoato-O,O')-(μ_2-4,4'-bipyridyl)-calcium(ii)-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	12.664(1)	***b***	12.843(1)	***c*** 13.313(1)
Space Group No.:	2	***(Å,°)***	α	90.60(1)	β	100.89(1)	γ 105.46(1)

R-Factor (%): 6.77 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.518



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2927

XOXJOK

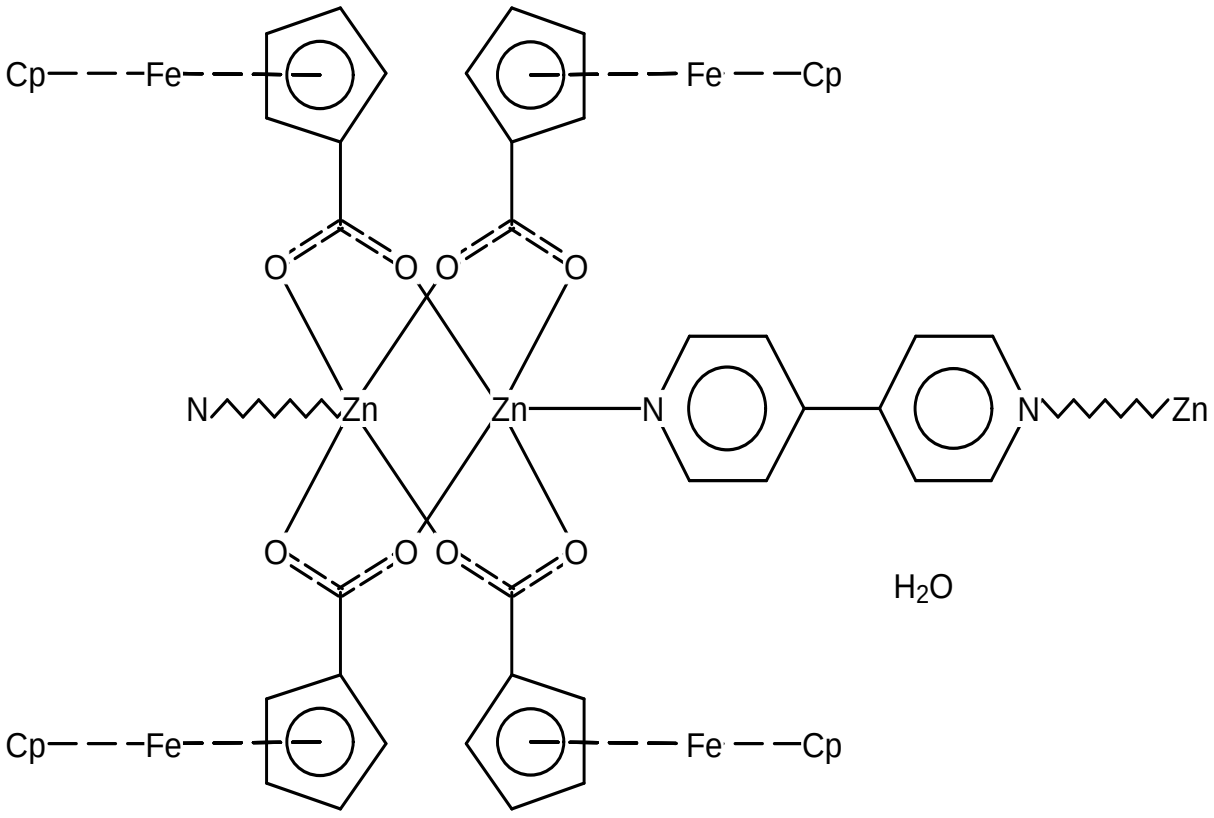
Reference: Erpeng Zhang, Hongwei Hou, Xingru Meng, Yaru Liu, Yun Liu, Yaoting Fan (2009) *Cryst.Growth Des. ,***9,**903

Formula: $(C_{54}\ H_{44}\ Fe_4\ N_2\ O_8\ Zn_2)n,n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Ferrocene-1-carboxylato-O,O')-(μ_2-4,4'-bipyridyl)-di-zinc(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	10.051(2)	***b***	11.728(2)	***c***	12.039(2)
Space Group No.:	2	***(Å,°)***	α	62.20(3)	β	78.96(3)	γ	85.23(3)

R-Factor (%): 5.56 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.646



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2928

XOYRUZ

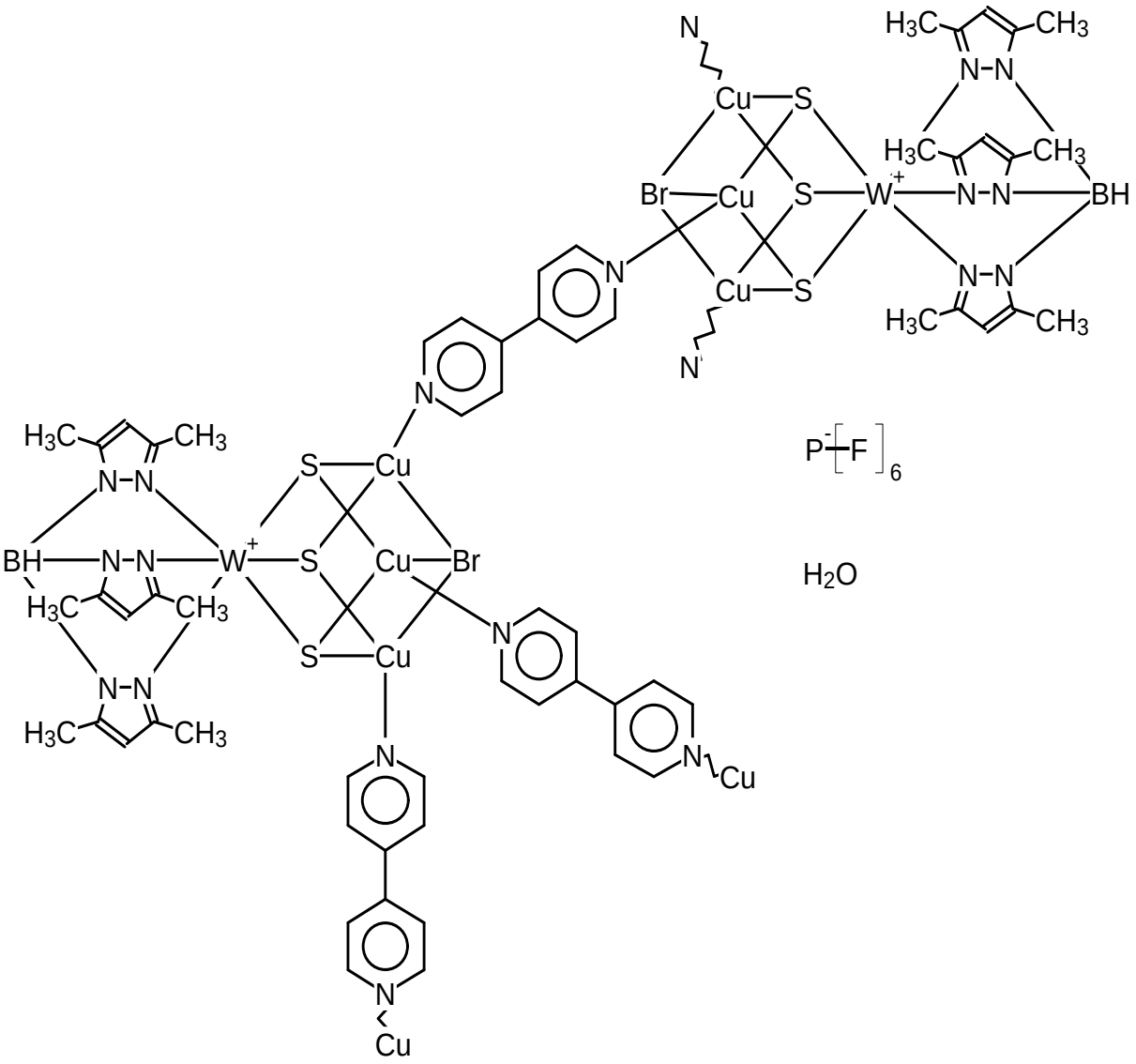
Reference: Zhen-Hong Wei, Hong-Xi Li, Mei-Ling Cheng, Xiao-Yan Tang, Yang Chen, Yong Zhang, Jian-Ping Lang (2009) *Inorg.Chem. ,***48,**2808

Formula: $(C_{60}\ H_{68}\ B_2\ Br_2\ Cu_6\ N_{18}\ S_6\ W_2\ ^{2+})n,2n(F_6\ P_1\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-Bromo)-hexakis(μ_3-sulfido)-tris(μ_2-4,4'-bipyridine)-bis(hydrogen tris(3,5-dimethylpyrazolyl)borato)-hexa-copper-di-tungsten bis(hexafluorophosphate) dihydrate)

Space Group:	C2/m	***Cell:***	***a***	28.987(6)	***b***	16.351(3)	***c*** 11.547(2)
Space Group No.:	12	***(Å,°)***	α	90.00	β	100.29(3)	γ 90.00

R-Factor (%): 8.25 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.536



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2929

XUDQIW

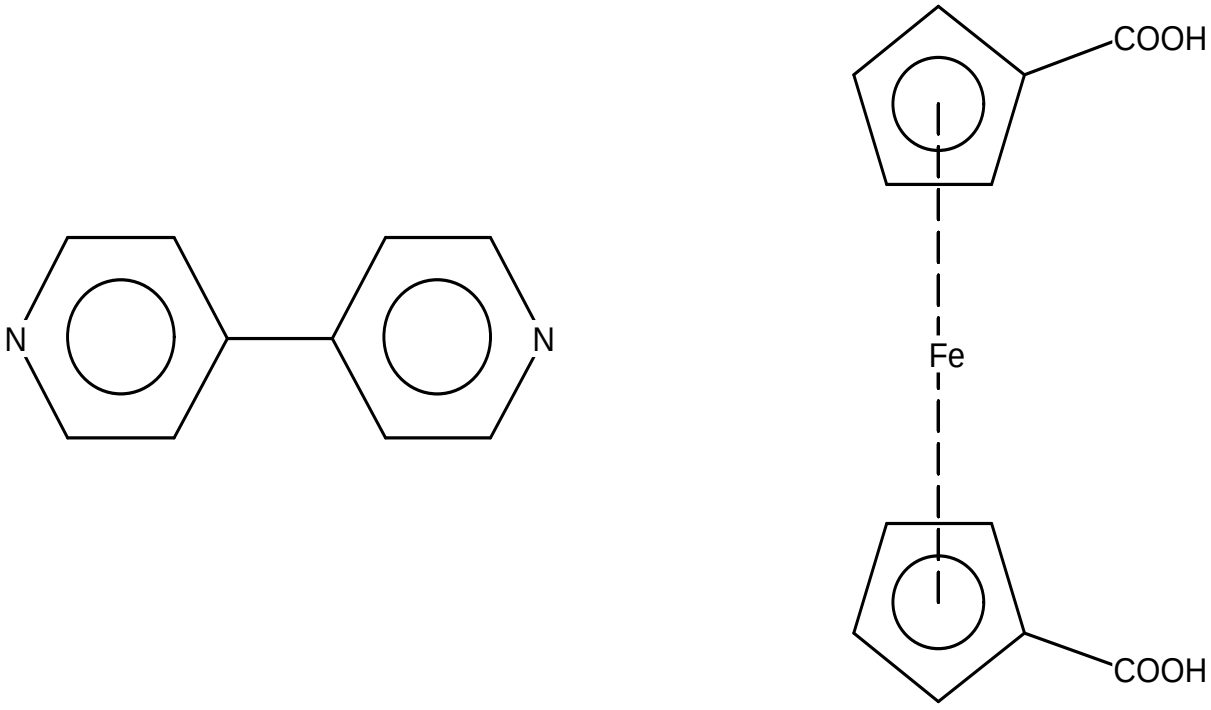
Reference: C.M.Zakaria, G.Ferguson, A.J.Lough, C.Glidewell (2002)
*Acta Crystallogr.,Sect.B:Struct.Sci. ,***58,**786

Formula: $C_{10}\,H_8\,N_2,C_{12}\,H_{10}\,Fe_1\,O_4$

Compound Name: 4,4'-Bipyridyl ferrocene-1,1'-dicarboxylic acid

Space Group:	P-1	***Cell:***	***a***	6.950(0)	***b***	10.765(0)	***c*** 12.526(0)
Space Group No.:	2	***(Å,°)***	α	97.88(0)	β	92.10(0)	γ 103.00(0)

R-Factor (%): 3.80 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.584



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2930

XUFFUA

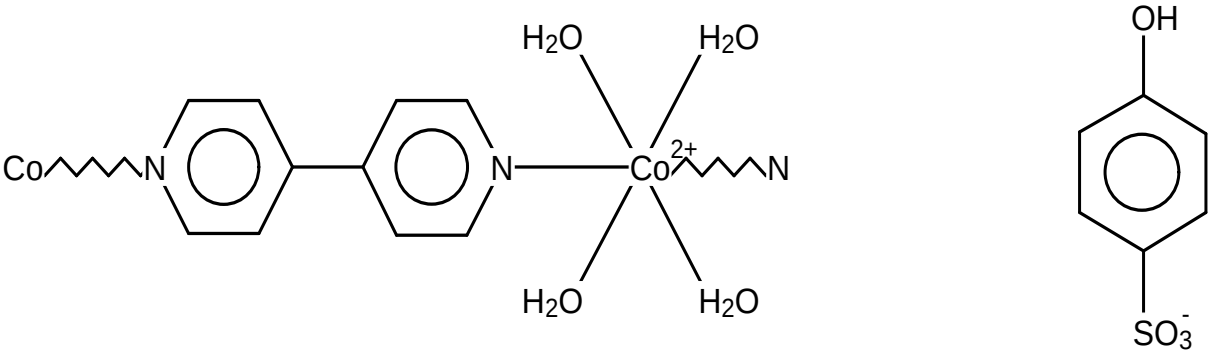
Reference: Sai-Rong Fan, Long-Guan Zhu (2009) *Inorg.Chim.Acta* , **362,**2962

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(C_6\ H_5\ O_4\ S_1\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) bis(4-hydroxybenzenesulfonate) trihydrate)

Space Group:	P21221	***Cell:***	***a***	7.236(0)	***b*** 11.407(1)	***c***	17.559(1)
Space Group No.:	18	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 3.64 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.576



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2931

XUFGAH

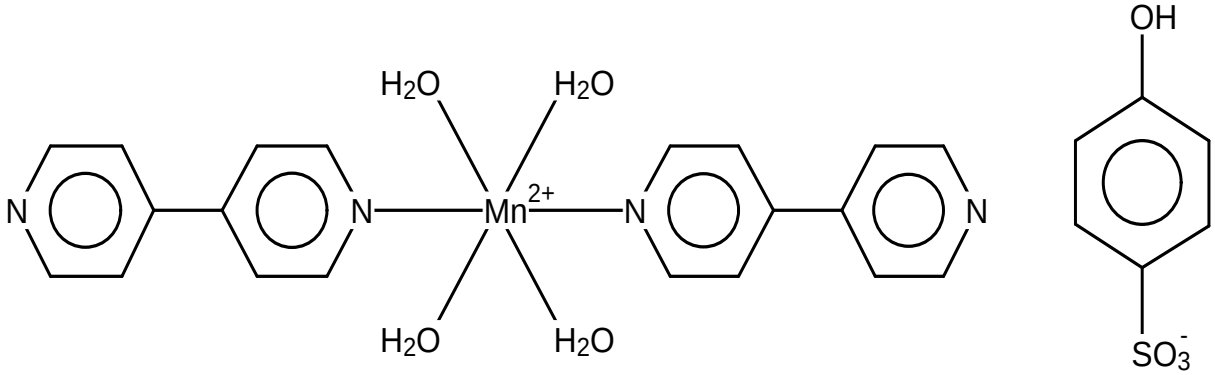
Reference: Sai-Rong Fan, Long-Guan Zhu (2009) *Inorg.Chim.Acta* , **362,**2962

Formula: $C_{20}\,H_{24}\,Mn_1\,N_4\,O_4\,^{2+}$,2($C_6\,H_5\,O_4\,S_1\,^{1-}$),2($H_2\,O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-manganese(ii) bis(4-hydroxybenzenesulfonate) dihydrate

Space Group:	Pbam	***Cell:***	***a***	25.103(7)	***b*** 8.116(2)	***c***	9.336(3)
Space Group No.:	55	***(Å,°)***	α	90.00	β 90.00	γ	90.00

R-Factor (%): 12.96 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.435



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2932

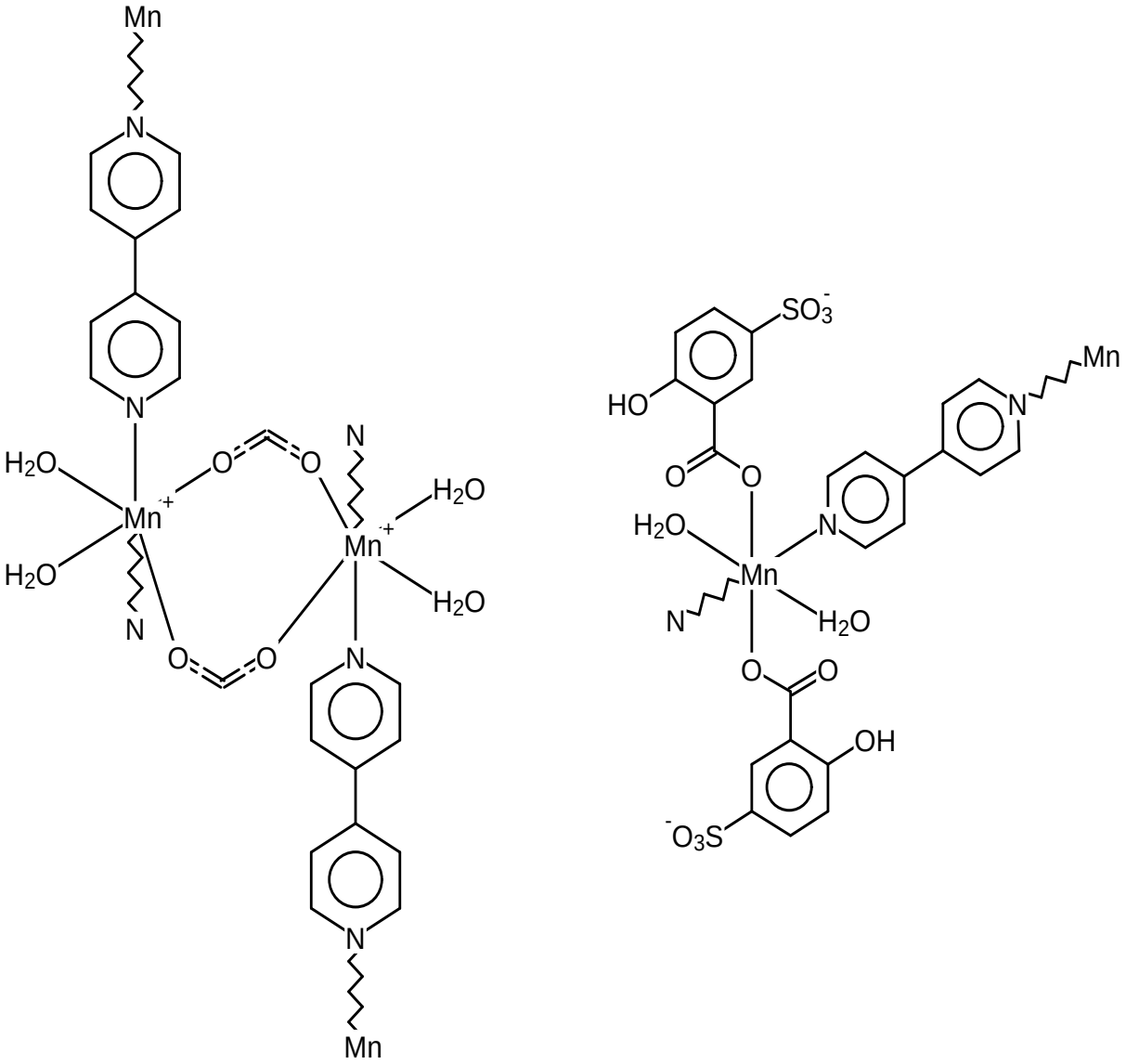
XUFGEL

Reference: Sai-Rong Fan, Long-Guan Zhu (2009) *Inorg.Chim.Acta* , **362,**2962

Formula: $(C_{22}\ H_{26}\ Mn_2\ N_4\ O_8\ ^{2+})n,n(C_{24}\ H_{20}\ Mn_1\ N_2\ O_{14}\ S_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-formato-O,O')-tetra-aqua-di-manganese(ii) (μ_2-4,4'-bipyridine-N,N')-diaqua-(hydrogen 5-sulfonatosalicylato-O)-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	20.278(1)	***b***	11.561(0)	***c***	21.646(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	90.93(0)	γ	90.00
R-Factor (%):	4.19	***Temperature(K):***	295		***Density(g/cm^3):***		1.654	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2933

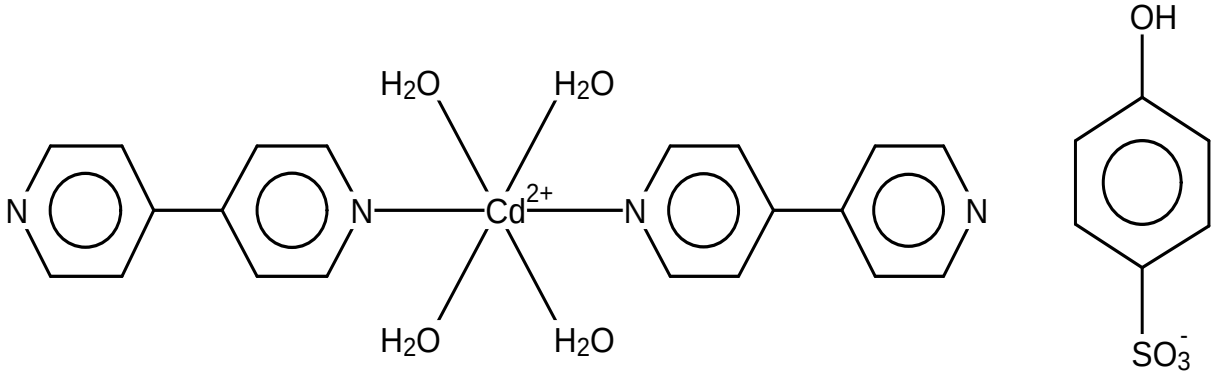
XUFGIP

Reference: Sai-Rong Fan, Long-Guan Zhu (2009) *Inorg.Chim.Acta* , **362,**2962

Formula: $C_{20}\ H_{24}\ Cd_1\ N_4\ O_4\ ^{2+}$,2($C_6\ H_5\ O_4\ S_1\ ^{1-}$),2($H_2\ O_1$)

Compound Name: Tetra-aqua-bis(4,4'-bipyridine-N)-cadmium(ii) bis(4-hydroxybenzenesulfonate) dihydrate

Space Group:	Pbam	***Cell:***	***a***	25.317(2)	***b***	8.105(0)	***c*** 9.412(1)
Space Group No.:	55	***(Å,°)***	α	90.00	β	90.00	γ 90.00
R-Factor (%):	4.37	***Temperature(K):***	295		***Density(g/cm^3):***	1.512	



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2934

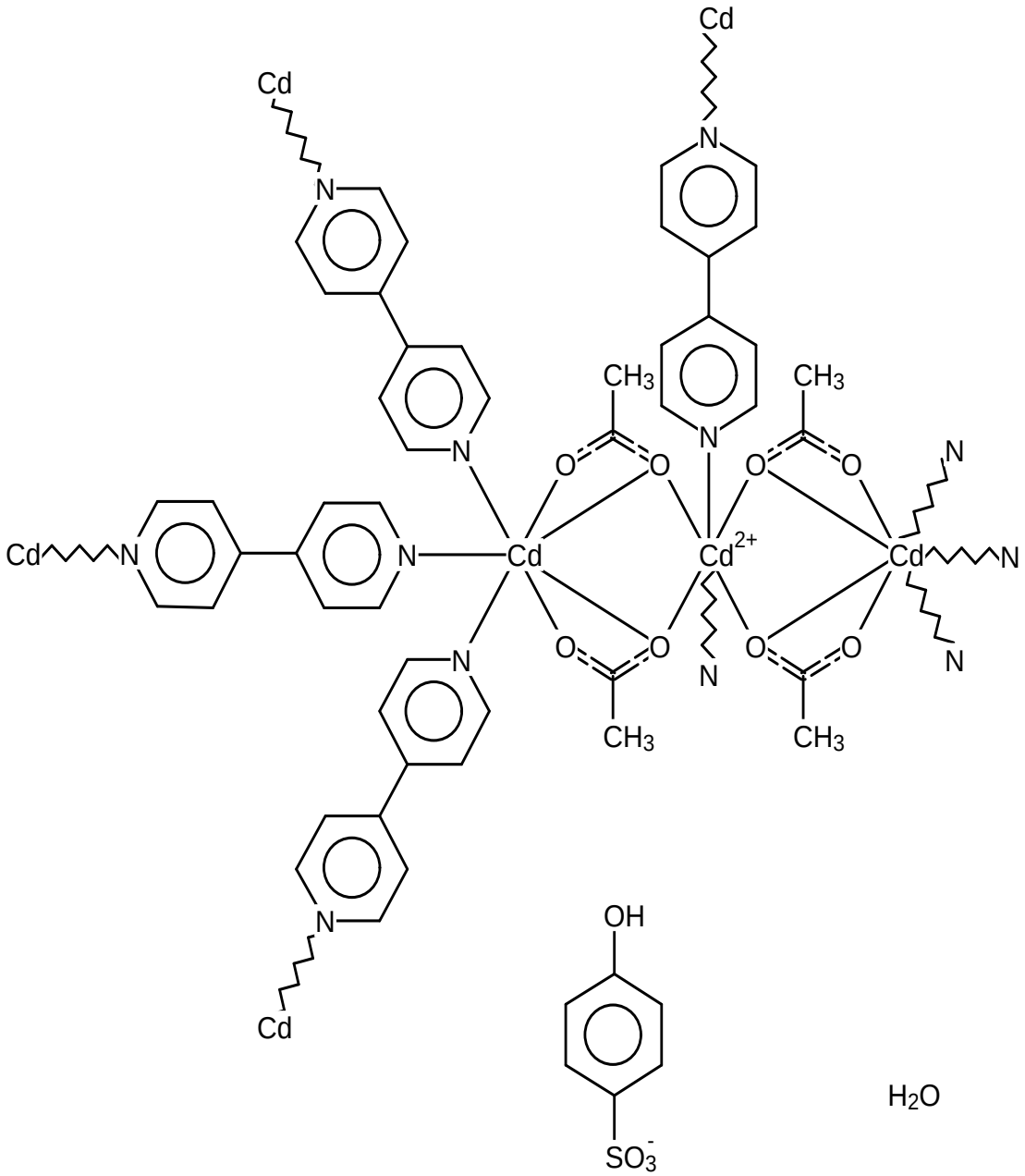
XUFGOV

Reference: Sai-Rong Fan, Long-Guan Zhu (2009) *Inorg.Chim.Acta* , **362,**2962

Formula: $(C_{48}\ H_{44}\ Cd_3\ N_8\ O_8\ ^{2+})n,2n(C_6\ H_5\ O_4\ S_1\ ^{1-}),10n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_2-Acetato-O,O,O')-tetrakis(μ_2-4,4'-bipyridine-N,N')-tri-cadmium(ii) bis(4-hydroxybenzenesulfonate) decahydrate)

Space Group:	P2/n	***Cell:***	***a***	22.952(0)	***b***	11.694(0)	***c***	27.830(1)
Space Group No.:	13	***(Å,°)***	α	90.00	β	94.40(0)	γ	90.00
R-Factor (%):	5.05	***Temperature(K):***	295		***Density(g/cm^3):***		1.538	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2935

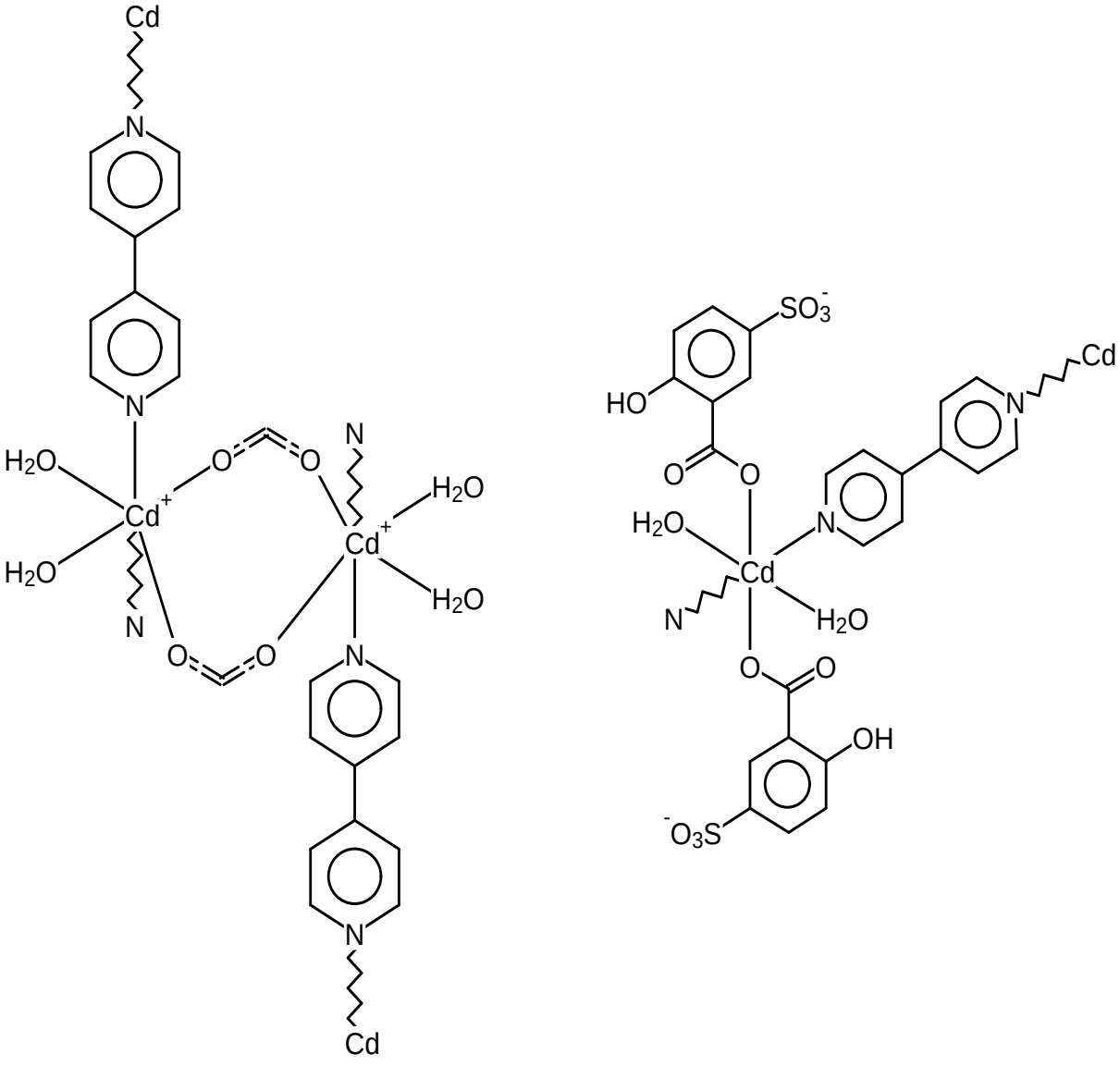
XUFGUB

Reference: Sai-Rong Fan, Long-Guan Zhu (2009) *Inorg.Chim.Acta* , **362,**2962

Formula: $(C_{22}\ H_{26}\ Cd_2\ N_4\ O_8\ ^{2+})n,n(C_{24}\ H_{20}\ Cd_1\ N_2\ O_{14}\ S_2\ ^{2-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-formato-O,O')-tetra-aqua-di-cadmium(ii) (μ_2-4,4'-bipyridine-N,N')-diaqua-(hydrogen 5-sulfonatosalicylato-O)-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	20.339(1)	***b***	11.649(0)	***c***	21.663(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	91.67(0)	γ	90.00
R-Factor (%):	2.74	***Temperature(K):***	295		***Density(g/cm^3):***		1.859	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2936

XUFKUF

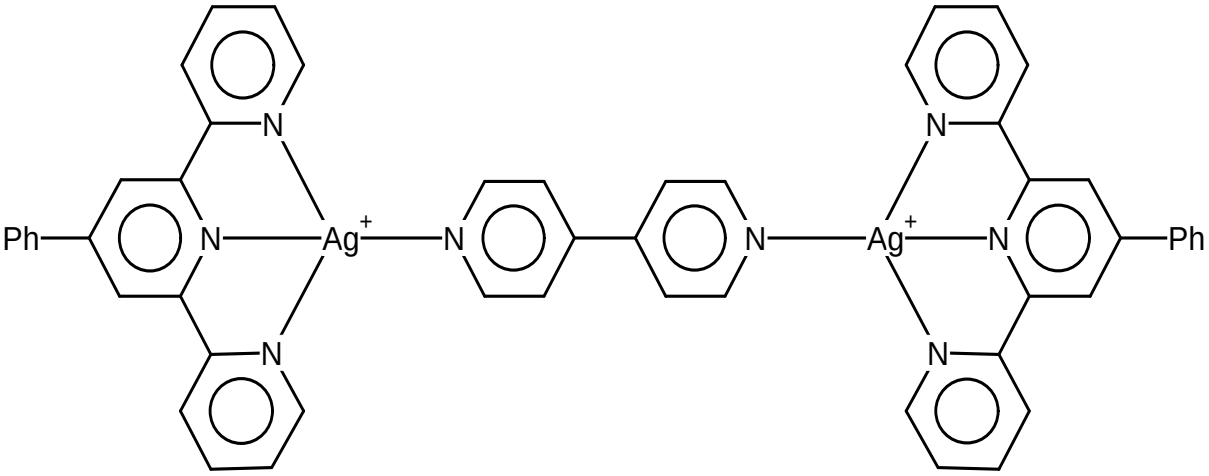
Reference: Zhen Ma, Yanpeng Xing, Mei Yang, Miao Hu, Baoqing Liu, M.F.C.Guedes de Silva, A.J.L.Pombeiro (2009) *Inorg.Chim.Acta ,***362,** 2921

Formula: $C_{52}\ H_{38}\ Ag_2\ N_8\ ^{2+}$,2($C_1\ F_3\ O_3\ S_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(4'-phenyl-2,2':6',2''-terpyridine-N,N',N'')-di-silver(i) bis(trifluoromethanesulfonate)

Space Group:	P21/n	***Cell:***	***a***	8.537(0)	***b***	15.880(0)	***c*** 18.554(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.40(0)	γ 90.00

R-Factor (%): 3.04 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.705



$F_3C—SO_3^-$

Search: search1 (Thu May 26 10:05:42 2011): Hit 2937

XUGJOZ

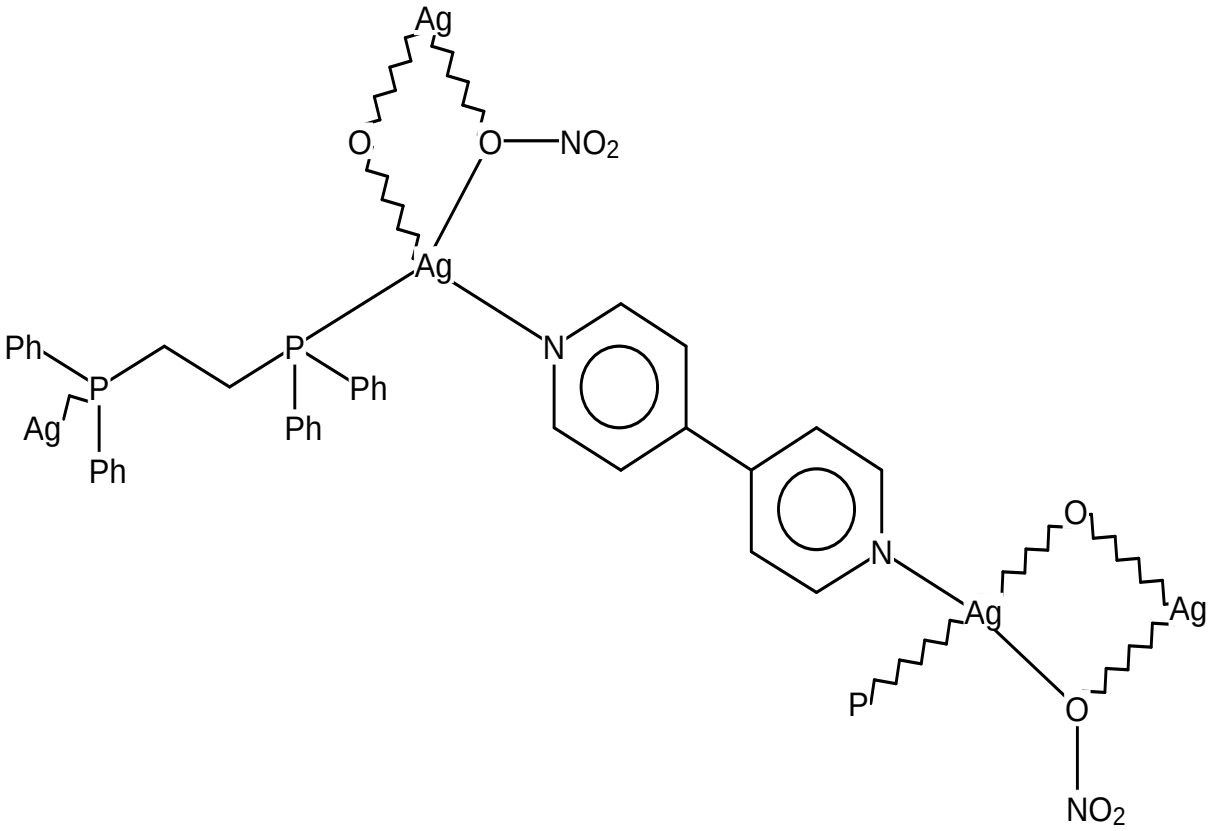
Reference: R.Prajapati, K.Kimura, L.Mishra (2009) *Inorg.Chim.Acta* , **362,**3219

Formula: $(C_{36}\ H_{32}\ Ag_2\ N_4\ O_6\ P_2)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(μ_2-nitrato)-(μ_2-ethane-1,2-diylbis(diphenylphosphine))-di-silver(i)]

Space Group:	P-1	***Cell:***	***a***	10.039(0)	***b*** 12.903(0)	***c***	15.195(0)
Space Group No.:	2	***(Å,°)***	α	93.24(0)	β 108.57(0)	γ	98.22(0)

R-Factor (%): 8.87 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.618



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2938

XUGVEB

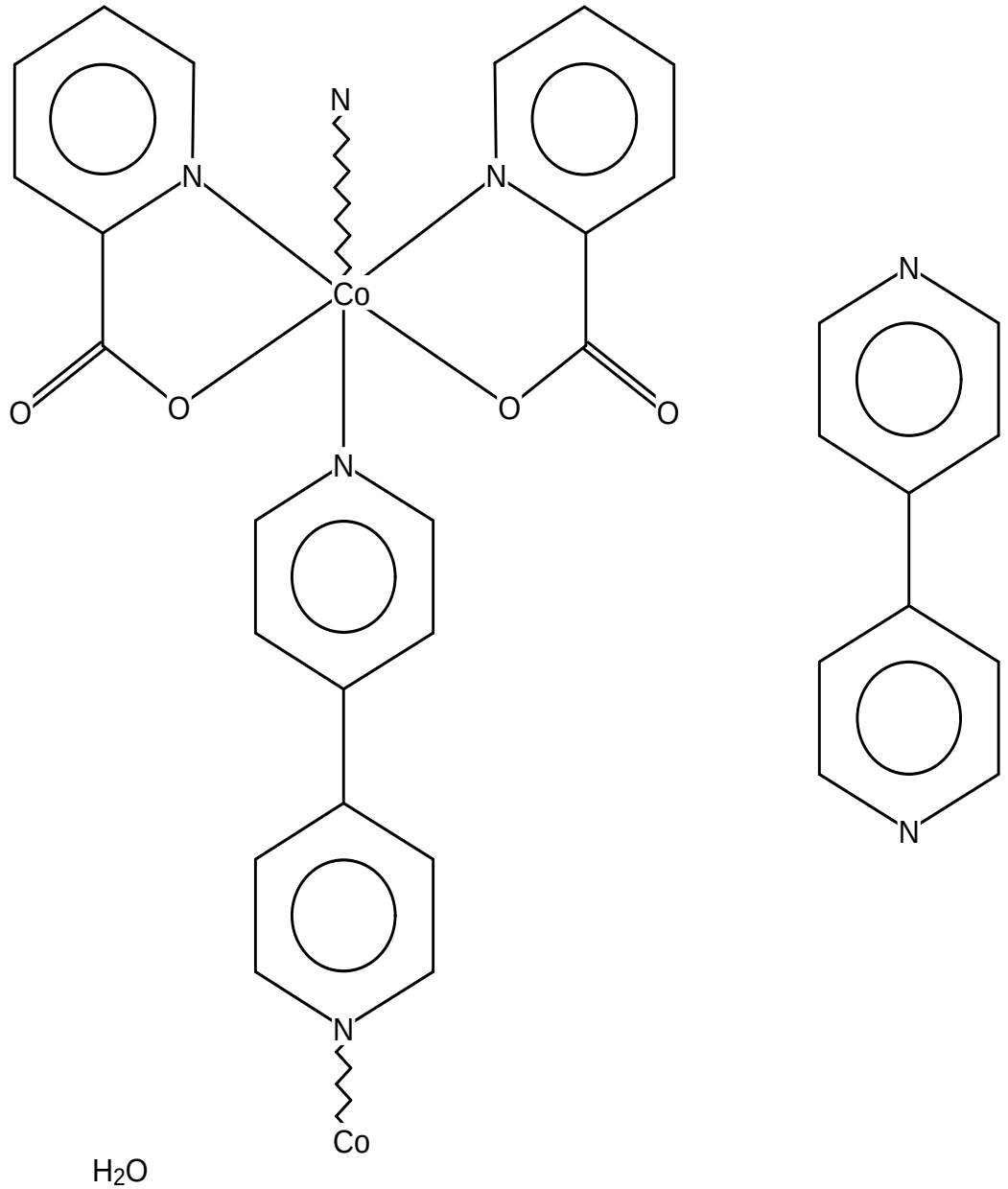
Reference: Li Hong, Xiu-Mei Li, Qing-Wei Wang, Yan-Ling Niu, Bo Liu, Li-Juan Sun (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,** 641

Formula: $(C_{22}\ H_{16}\ Co_1\ N_4\ O_4)n,0.5n(C_{10}\ H_8\ N_2),n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(pyridine-2-carboxylato)-cobalt(ii) 4,4'-bipyridine solvate dihydrate]

Space Group:	I41/a	***Cell:***	***a***	22.719(2)	***b***	22.719(2)	***c*** 10.710(2)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.33 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.335



H_2O

Search: search1 (Thu May 26 10:05:42 2011): Hit 2939

XUGWUS

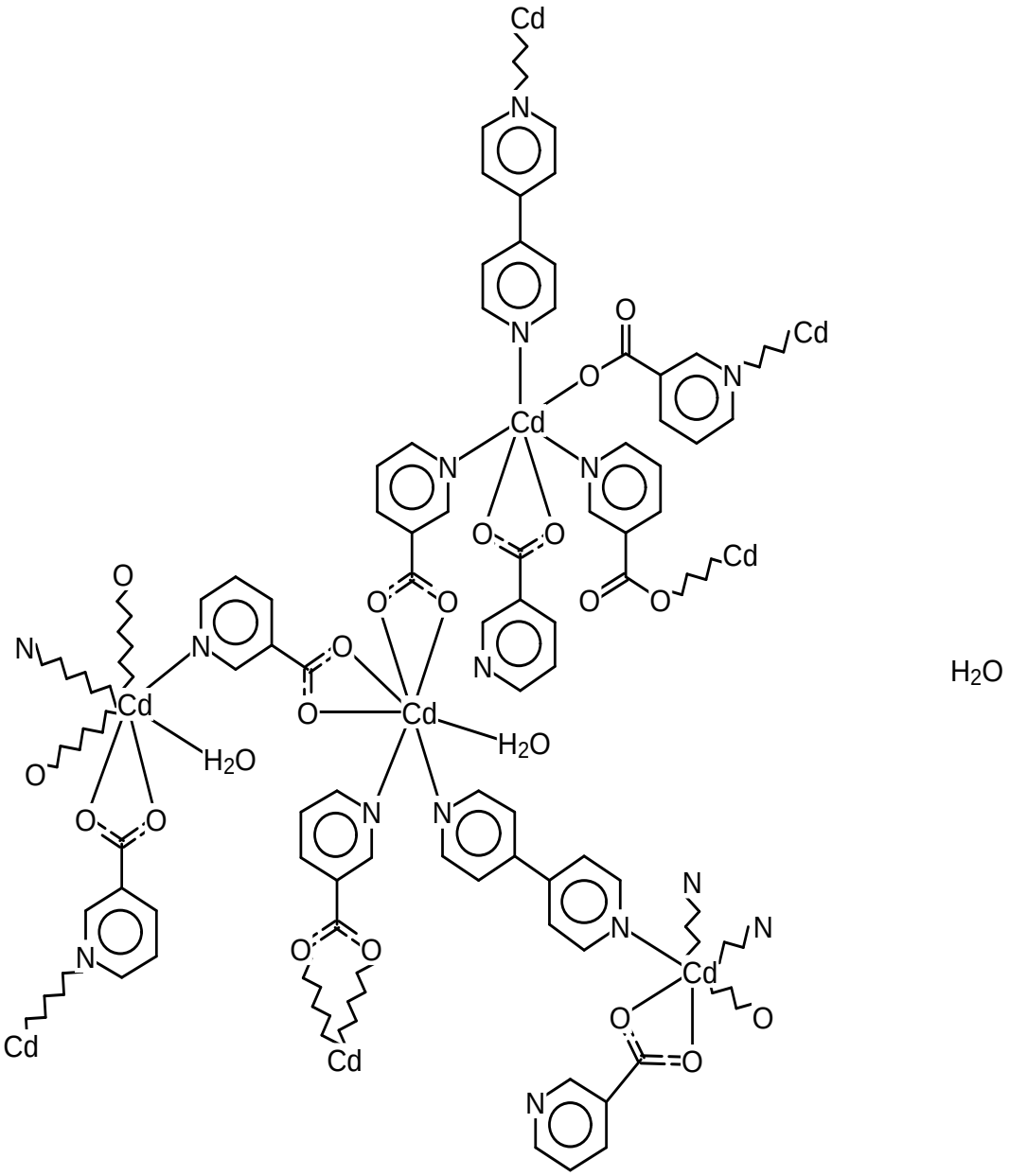
Reference: Kuai-Bing Wang, Yan Wang, You-Cun Chen (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**590

Formula: $(C_{68}\ H_{52}\ Cd_4\ N_{12}\ O_{18})n,6.16n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-pyridine-3-carboxylato-N,O,O')-bis(μ_2-pyridine-3-carboxylato-N,O) bis(pyridine-3-carboxylato-O,O')-diaqua-tetra-cadmium(ii) hydrate]

Space Group:	Pbcn	***Cell:***	***a***	21.407(1)	***b***	27.112(1)	***c***	12.388(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	3.53	***Temperature(K):***	296	***Density(g/cm^3):***	1.742



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2940

XUHSUO

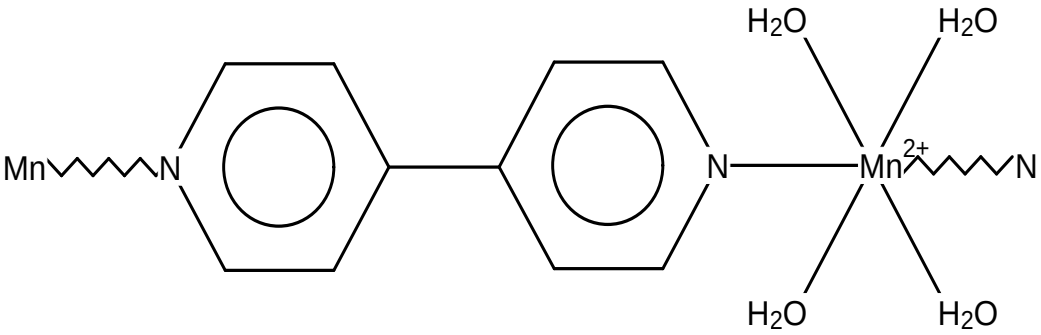
Reference: S.Sain, T.K.Maji, N.R.Chaudhuri, E.Zangrando (2002) *Transition Met.Chem. ,***27,**716

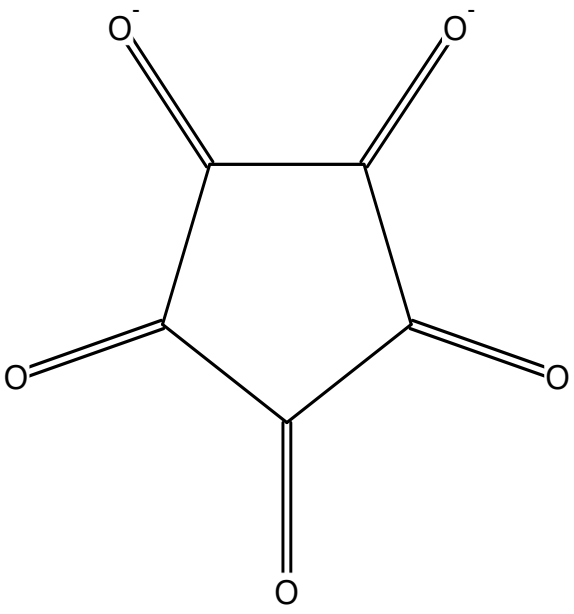
Formula: $(C_{10}\ H_{16}\ Mn_1\ N_2\ O_4\ ^{2+})n,n(C_5\ O_5\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4-Bipyridine)-tetra-aqua-manganese(ii) croconate dihydrate)

Space Group:	P2/c	***Cell:***	***a***	6.807(3)	***b*** 11.531(4)	***c***	12.358(4)
Space Group No.:	13	***(Å,°)***	α	90.00	β 102.92(2)	γ	90.00

R-Factor (%): 4.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.613





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2941

XUJSAX

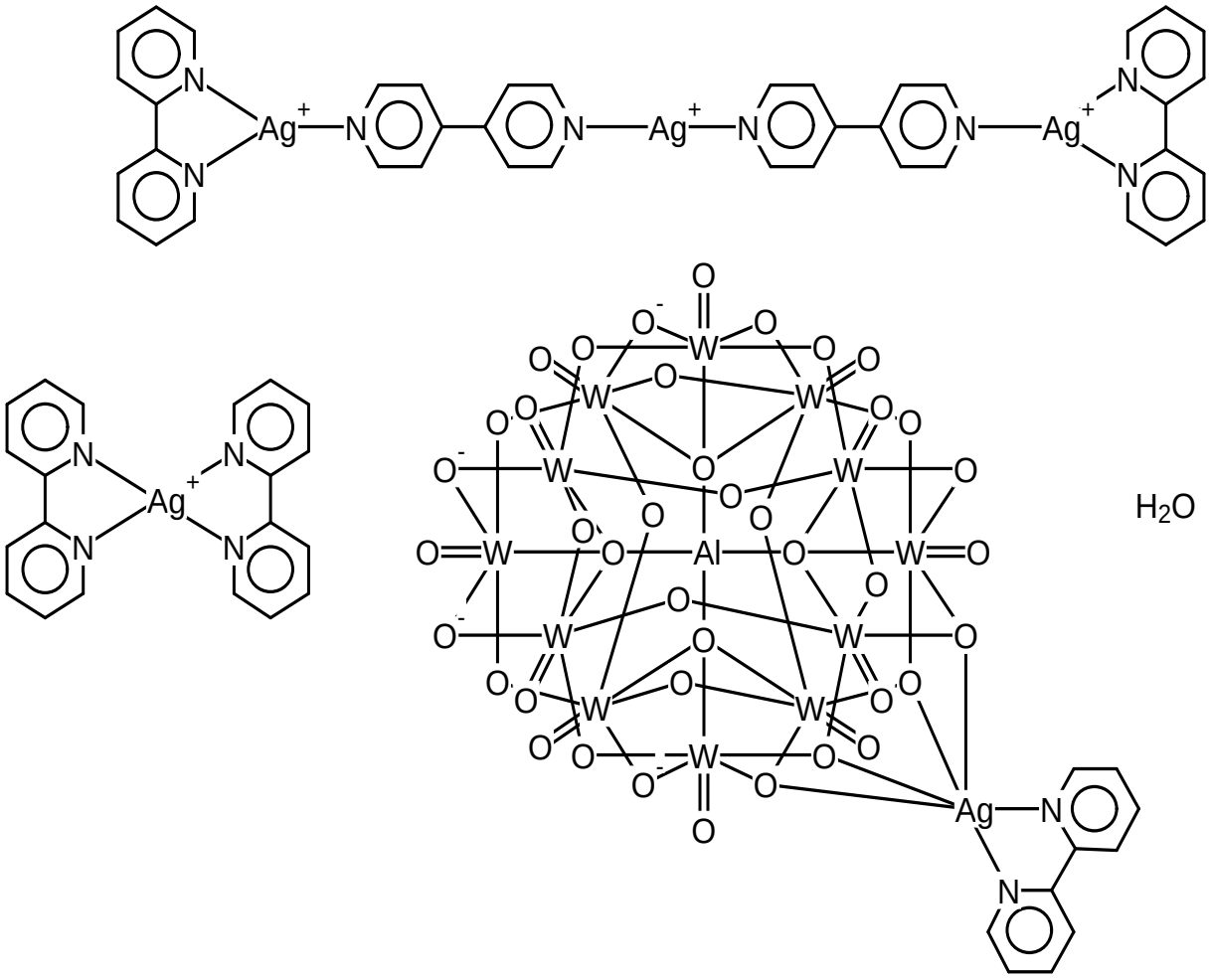
Reference: Ling Yuan, Chao Qin, Xinling Wang, Yangguang Li, Enbo Wang (2009) *Dalton Trans.* ,4169

Formula: $C_{40}\,H_{32}\,Ag_3\,N_8\,^{3+}$,$C_{20}\,H_{16}\,Ag_1\,N_4\,^{1+}$,$C_{10}\,H_8\,Ag_1\,Al_1\,N_2\,O_{40}\,W_{12}\,^{4-}$,$H_2\,O_1$

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(2,2'-bipyridine-N,N')-tri-silver(i) bis(2,2'-bipyridine)-silver(i) tetrakis(μ_4-oxo)-tetrakis(μ_3-oxo)-icosakis(μ_2-oxo)-(2,2'-bipyridine-N,N')-dodeca-oxo-aluminium(iii)-silver(i)-dodeca-tungsten(vi) monohydrate

Space Group:	P1	***Cell:***	***a***	13.356(3)	***b***	13.718(3)	***c*** 15.206(3)
Space Group No.:	1	***(Å,°)***	α	63.60(3)	β	65.94(3)	γ 70.16(3)

R-Factor (%): 4.79 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 3.360



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2942

XUJZOR

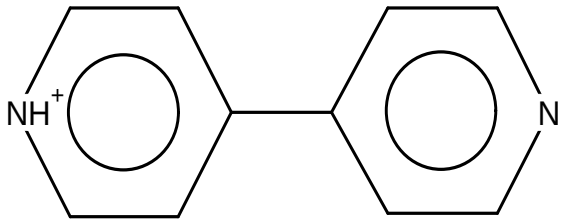
Reference: Jin Chen, Shaofang Lu, Rongmin Yu, Zhongning Chen, Zixiang Huang, Canzhong Lu (2002) *Chem.Commun.* ,2640

Formula: $(C_{40}\ H_{64}\ Mo_{10}\ N_8\ Ni_5\ O_{62}\ P_4\ ^{2-})n,2n(C_{10}\ H_9\ N_2\ ^{1+}),8n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-bipyridinium) (μ_6-polyoxodiphosphatodecamolybdate)-tetrakis(μ_2-4,4'-bipyridyl)-hexadecaaqua-penta-nickel(ii) octahydrate)

Space Group:	P21/n	***Cell:***	***a***	10.719(0)	***b*** 31.089(0)	***c***	16.469(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 104.33(0)	γ	90.00

R-Factor (%): 4.74 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.176



n-$Mo_{10}Ni_5[\mu_6\text{-}O_4P]_2[\mu_5\text{-}O_4P]_2[\mu_2\text{-}O]_{14}$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_4[O]_{16}[H_2O]_{16}^{2-}$

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2943

XUKXIL

Reference: Jingxin Meng, Yangguang Li, Xiaolan Wang, Enbo Wang (2009) *J.Coord.Chem. ,***62,**2283

Formula: $(C_{80}\ H_{68}\ Ag_8\ Mo_{10}\ N_{16}\ O_{46}\ P_4)n,6n(H_2\ O_1)$

Compound Name: catena-(tetrakis(μ_5-Hydrogen phosphato)-bis(μ_3-oxo)-octakis(μ_2-4,4'-bipyridine-N,N')-decakis(μ_2-oxo)-octadecaoxo-deca-molybdenum-octa-silver hexahydrate)

Space Group:	C2/c	***Cell:***	***a***	23.830(5)	***b*** 21.030(4)	***c***	24.501(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 110.38(3)	γ	90.00

R-Factor (%): 5.07 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 2.334

H_2O

n-$Mo_{10}Ag_8[\mu_5\text{-}HO_4P]_4[\mu_3\text{-}O]_2$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N']_8[\mu_2\text{-}O]_{10}[O]_{18}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2944

XULCIR

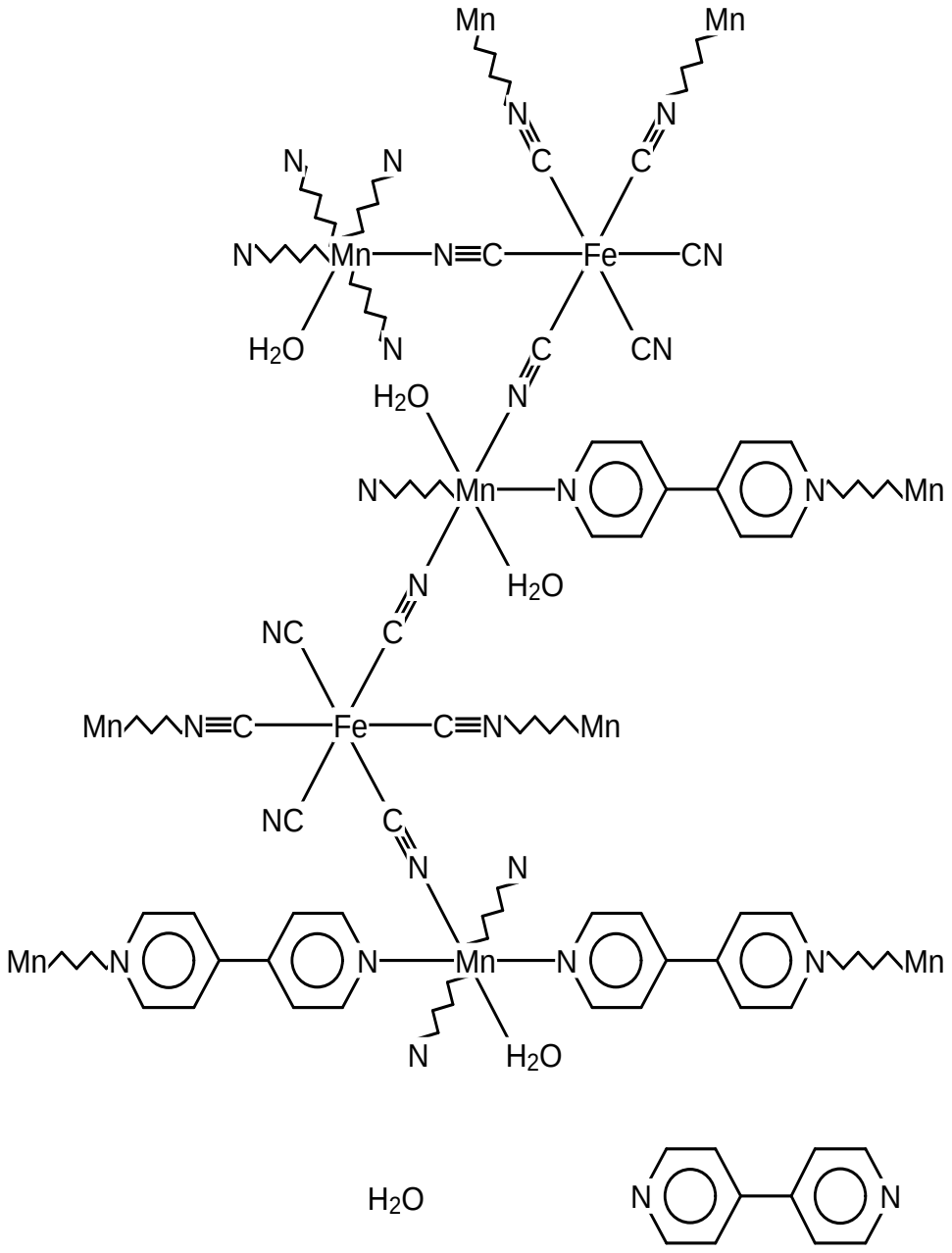
Reference: T.K.Maji, S.Pal, K.L.Gurunatha, C.N.R.Rao (2009)
Dalton Trans. ,4426

Formula: $(C_{42}\ H_{32}\ Fe_2\ Mn_3\ N_{18}\ O_4)n,2n(C_{10}\ H_8\ N_2),3n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-bipyridine)-octakis(μ_2-cyano)-tetracyano-tetra-aqua-tri-manganese(ii)-di-iron(iii) 4,4'-bipyridine solvate trihydrate)

Space Group:	Pbam	***Cell:***	***a***	16.315(0)	***b***	17.886(1)	***c***	11.628(0)
Space Group No.:	55	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.71	***Temperature(K):***	100	***Density(g/cm^3):***	1.464



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2945

XUMPIF

Reference: Wenju Wang, Lin Xu, Guanggang Gao, Li Liu, Xizheng Liu (2009) *CrystEngComm* ,**11,**2488

Formula: $(C_{54}\ H_{112}\ Ge_2\ Mo_{24}\ N_{22}\ Ni_8\ O_{80})n,14n(H_2\ O_1)$

Compound Name: catena-(octakis(μ_4-Oxo)-tetracosakis(μ_3-oxo)-(μ_2-4,4'-bipyridine-N,N')-octakis(μ_2-hydroxo)-icosakis(μ_2-oxo)-octakis(propane-1,2-diamine-N,N')-bis(4,4'-bipyridine-N)-icosaoxo-di-germanium-hexadeca-molybdenum(v)-octa-molybdenum(vi)-octa-nickel(ii) tetradecahydrate)

Space Group:	P-1	***Cell:***	***a*** 14.544(2)	***b*** 15.039(3)	***c*** 18.655(3)
Space Group No.:	2	***(Å,°)***	α 112.53(0)	β 106.24(0)	γ 97.70(0)

R-Factor (%): 5.74 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 2.632

H_2O

n-$Ge_2Mo_{24}Ni_8[\mu_4\text{-}O]_8[\mu_3\text{-}O]_{24}$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N'][\mu_2\text{-}HO]_8[\mu_2\text{-}O]_{20}$--
--$[C_2H_7N_2Me\text{-}\kappa^2N,N']_8$--
--$[C_{10}H_8N_2]_2[O]_{20}$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2946

XUNYIO

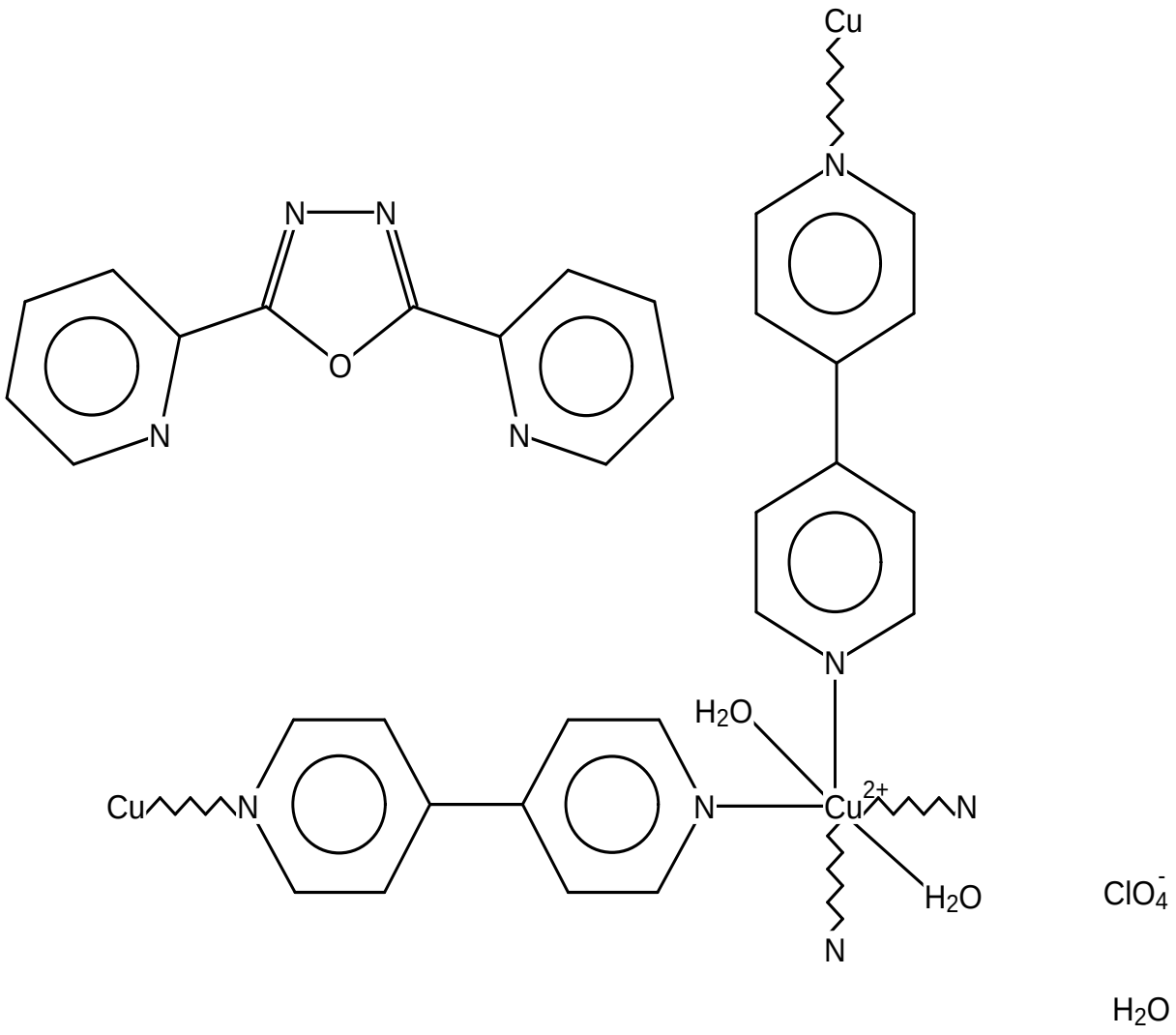
Reference: Miao Du, Shen-Tan Chen, Xian-He Bu, J.Ribas (2002) *Inorg.Chem.Commun.* ,**5,**1003

Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(C_{12}\ H_8\ N_4\ O_1),2n(Cl_1\ O_4\ ^{1-}),3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-di-aqua-copper(ii) 2,5-bis(2-pyridyl)-1,3,4-oxadiazole clathrate diperchlorate trihydrate)

Space Group:	P21/c	***Cell:***	***a***	11.174(3)	***b***	15.284(4)	***c*** 22.331(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.63(0)	γ 90.00

R-Factor (%): 5.84 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2947

XUPCUG

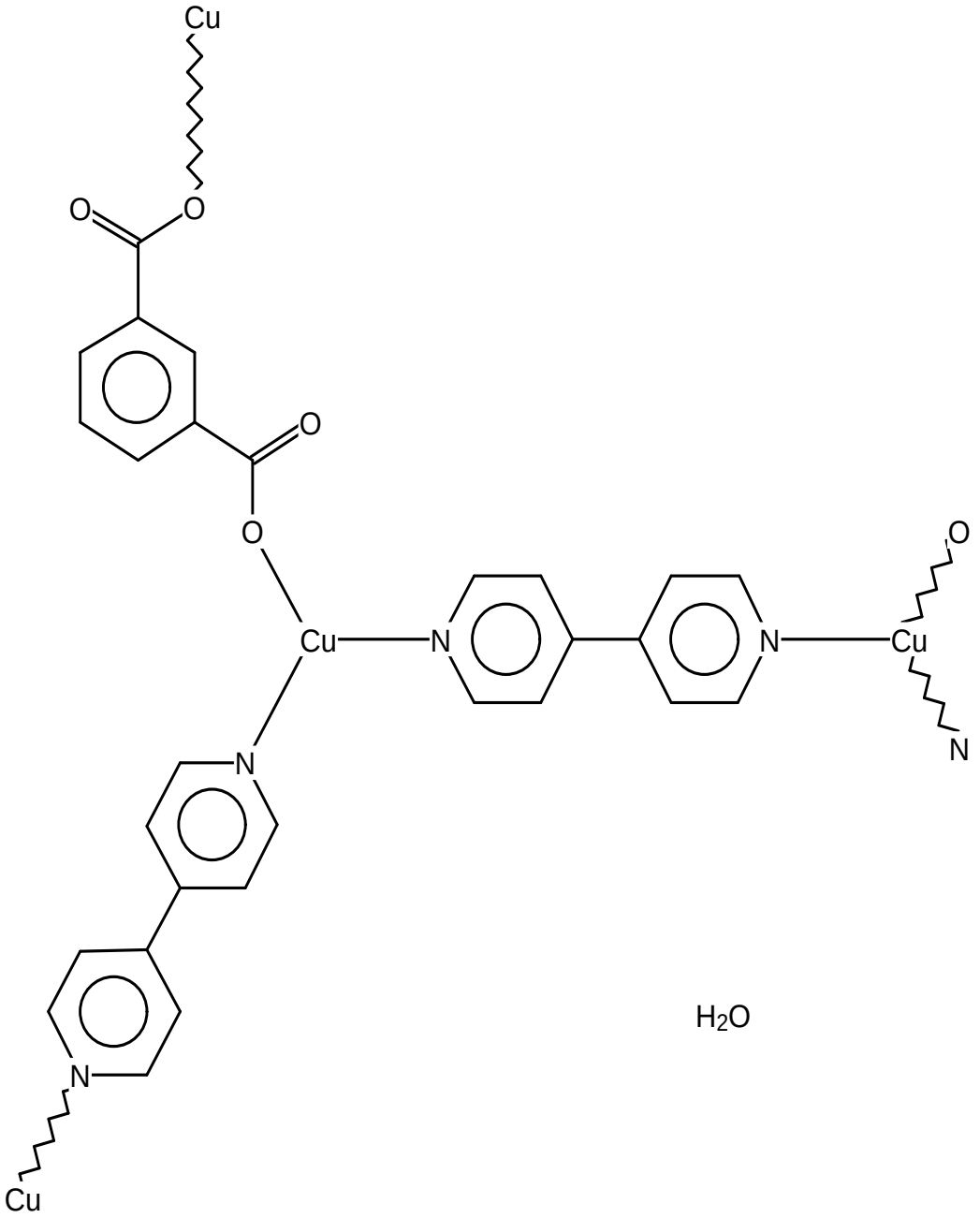
Reference: Jun Tao, Xin Yin, Rongbin Huang, Lansun Zheng (2002) *Inorg.Chem.Commun.* ,**5,**1000

Formula: $(C_{28}\ H_{20}\ Cu_2\ N_4\ O_4)n,3.5n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-(μ_2-isophthalato)-di-copper(i) hydrate)

Space Group:	P21/c	***Cell:***	***a***	15.778(11)	***b*** 10.478(6)	***c***	17.913(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.77(6)	γ	90.00

R-Factor (%): 7.96 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.599



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2948

XURBER

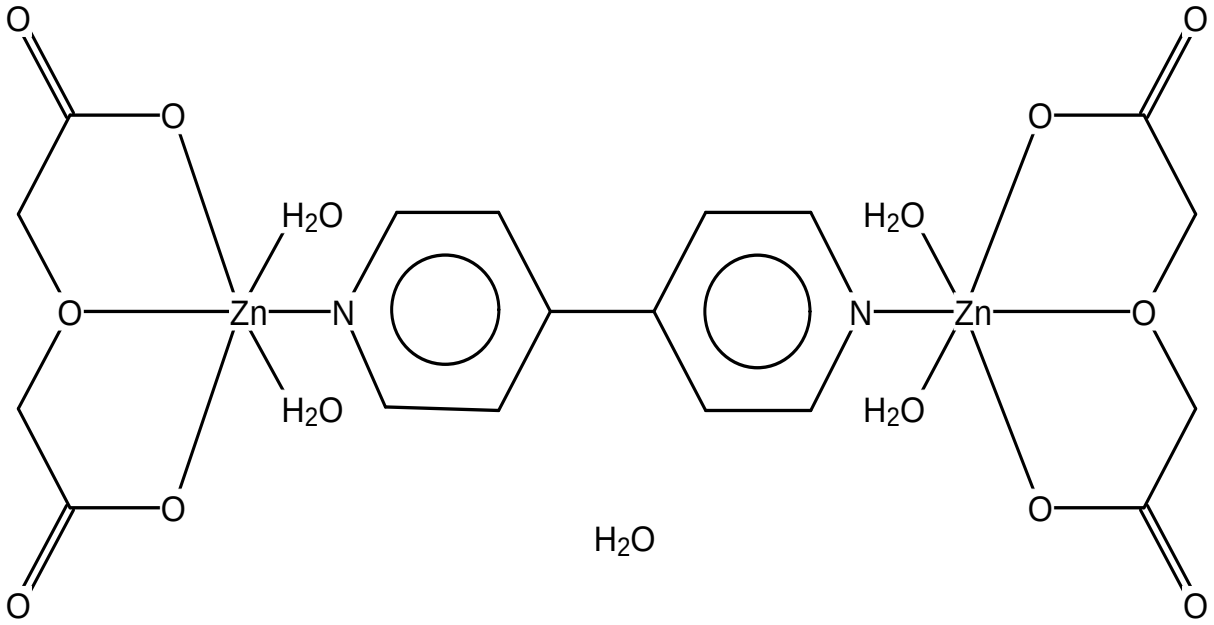
Reference: Jun Tao, Xin Yin, Lan-Sun Zheng, S.W.Ng (2002)
*Main Group Met.Chem. ,***25,**321

Formula: $C_{18}\ H_{24}\ N_2\ O_{14}\ Zn_2,2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(diaqua-(oxydiacetato-O,O',O'')-zinc(ii)) dihydrate

Space Group:	P21/c	***Cell:***	***a***	6.158(1)	***b*** 20.432(4)	***c***	10.167(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.67(3)	γ	90.00

R-Factor (%): 3.98 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.761



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2949

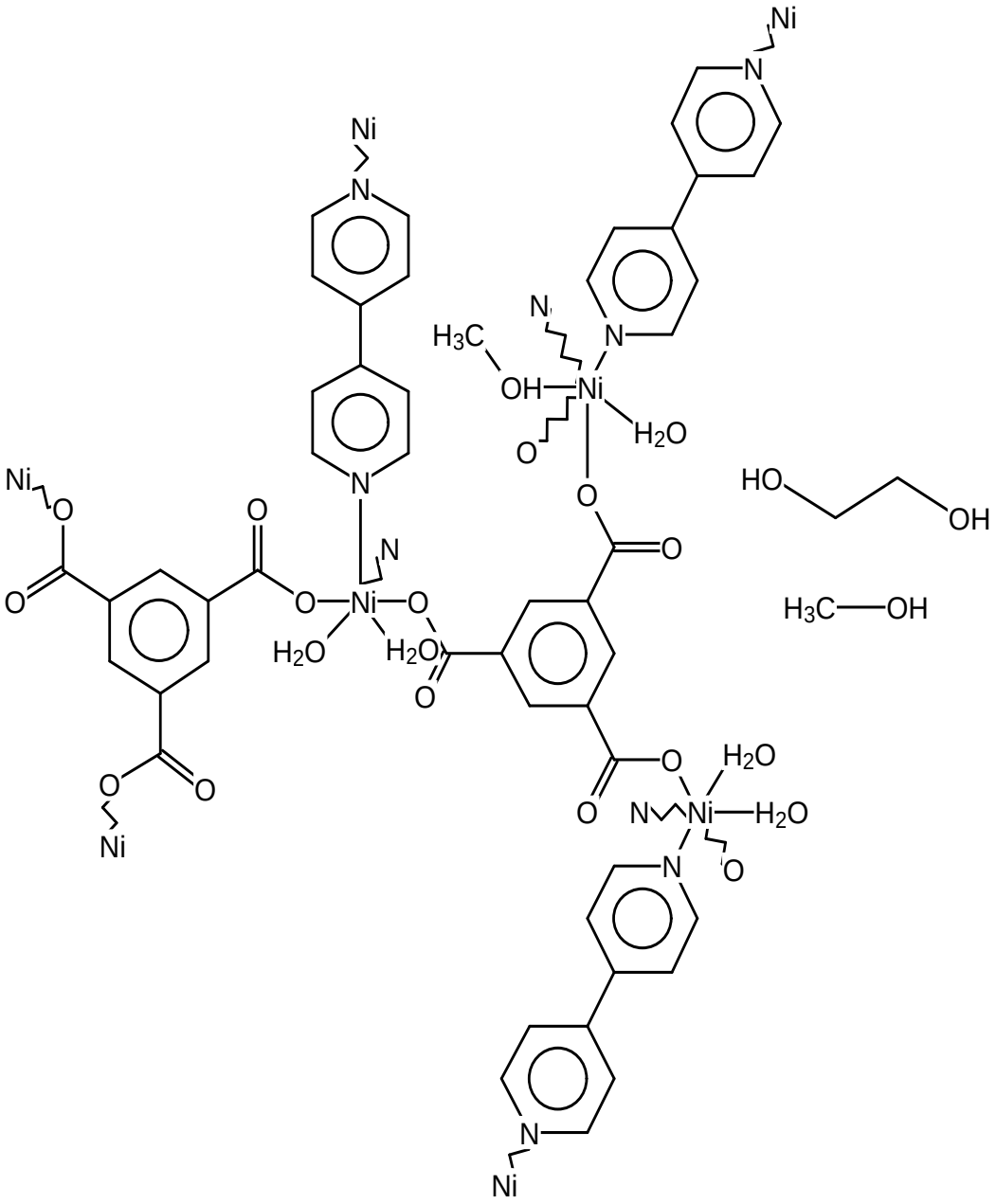
XUTQEI

Reference: T.J.Prior, D.Bradshaw, S.J.Teat, M.J.Rosseinsky (2003) *Chem.Commun.* ,500

Formula: $(C_{49}\ H_{44}\ N_6\ Ni_3\ O_{18})n,2n(C_2\ H_6\ O_2),2.5n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_3-1,3,5-Benzenetricarboxylato)-tris(μ_2-4,4'-bipyridine)-penta-aqua-methanol-tri-nickel(ii) ethylene glycol methanol solvate)

Space Group:	P3	***Cell:***	***a***	33.521(1)	***b***	33.521(1)	***c*** 11.302(0)
Space Group No.:	143	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	14.69	***Temperature(K):***	150		***Density(g/cm^3):***		1.255



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2950

XUVHEB

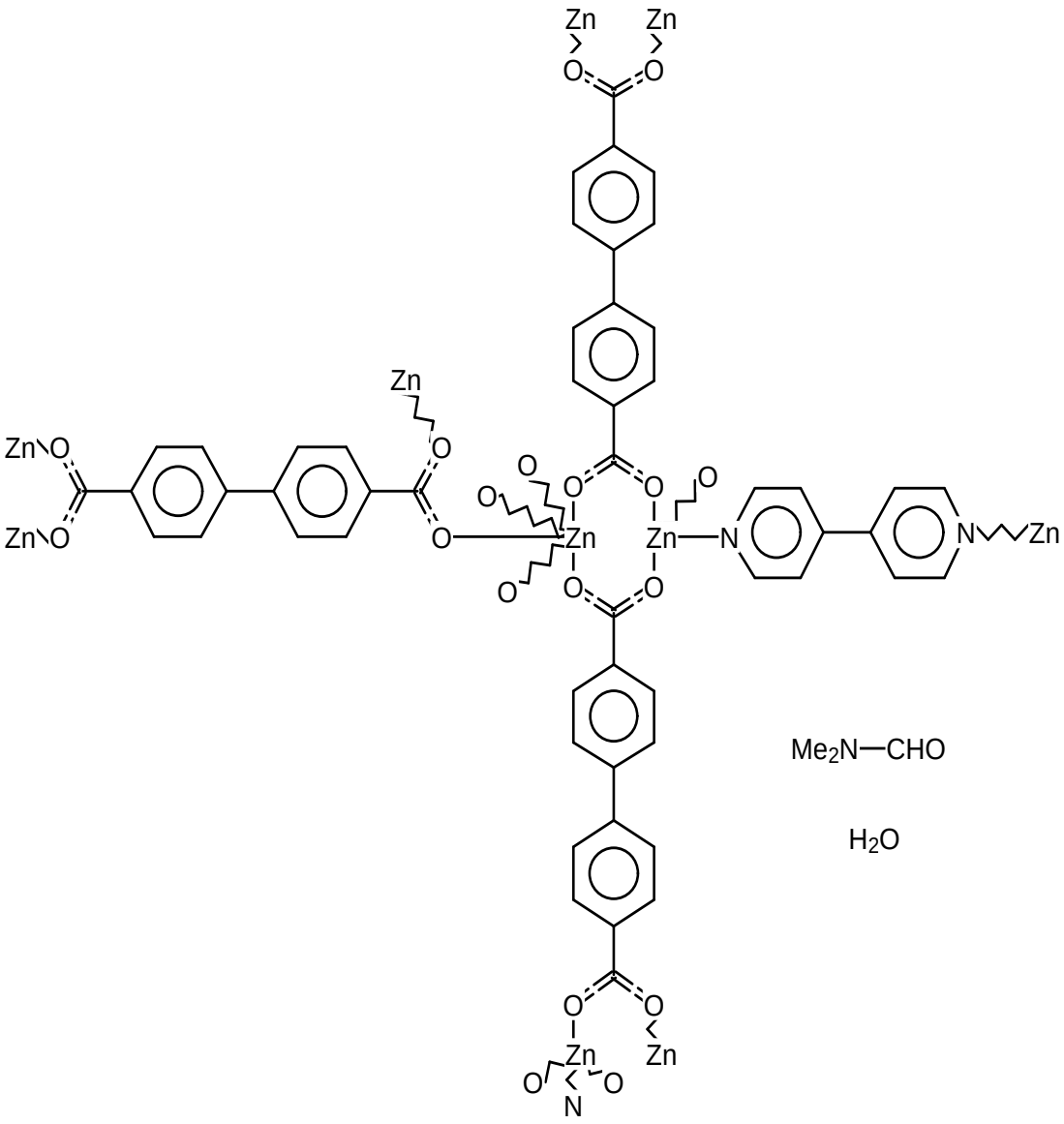
Reference: Qian-Rong Fang, Xin Shi, Gang Wu, Ge Tian, Guang-Shan Zhu, Ya-Feng Li, Li-Feng Wang, Chun-Lei Wang, Yue Chen, Zheng-Dong Zhang, Zhuo Guo, Tie-Cun Shang, Xiao-Hui Cai, Shi-Lun Qiu (2002)
*Huaxue Xuebao(Chin.)(Acta Chim.Sinica) ,***60,**2087

Formula: $(C_{52}\ H_{32}\ N_2\ O_{12}\ Zn_3)n,2n(C_3\ H_7\ N_1\ O_1),4n(H_2\ O_1)$

Compound Name: catena-[tris(μ_4-4,4'-Biphenyldicarboxylato)-(μ_2-4,4'-bipyridyl)-tri-zinc dimethylformamide solvate tetrahydrate]

Space Group:	Pbcn	***Cell:***	***a***	14.532(3)	***b***	25.037(5)	***c***	18.184(4)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.296



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2951

XUVHEB01

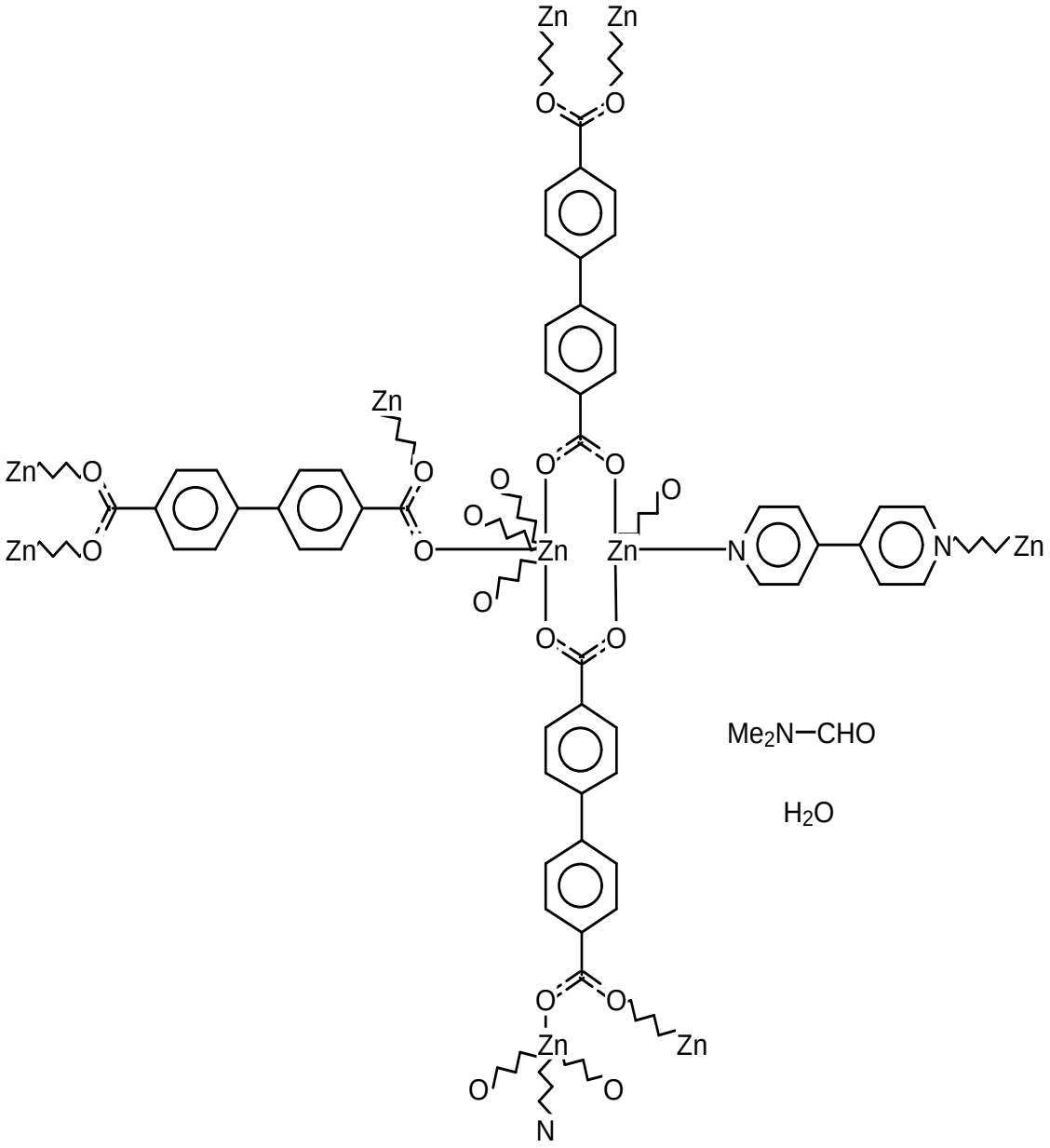
Reference: Qianrong Fang, Xin Shi, Gang Wu, Ge Tian, Guangshu Zhu, Runwei Wang, Shilun Qiu (2003) *J.Solid State Chem.* , **176,**1

Formula: $(C_{52}\ H_{32}\ N_2\ O_{12}\ Zn_3)n,2n(C_3\ H_7\ N_1\ O_1),4n(H_2\ O_1)$

Compound Name: catena-(tris(μ_4-4,4'-Biphenyldicarboxylato)-(μ_2-4,4'-bipyridyl)-tri-zinc dimethylformamide solvate tetrahydrate)

Space Group:	Pbcn	***Cell:***	***a***	14.532(3)	***b***	25.037(5)	***c*** 18.184(4)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.05 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.296



Search: search1 (Thu May 26 10:05:42 2011): Hit 2952

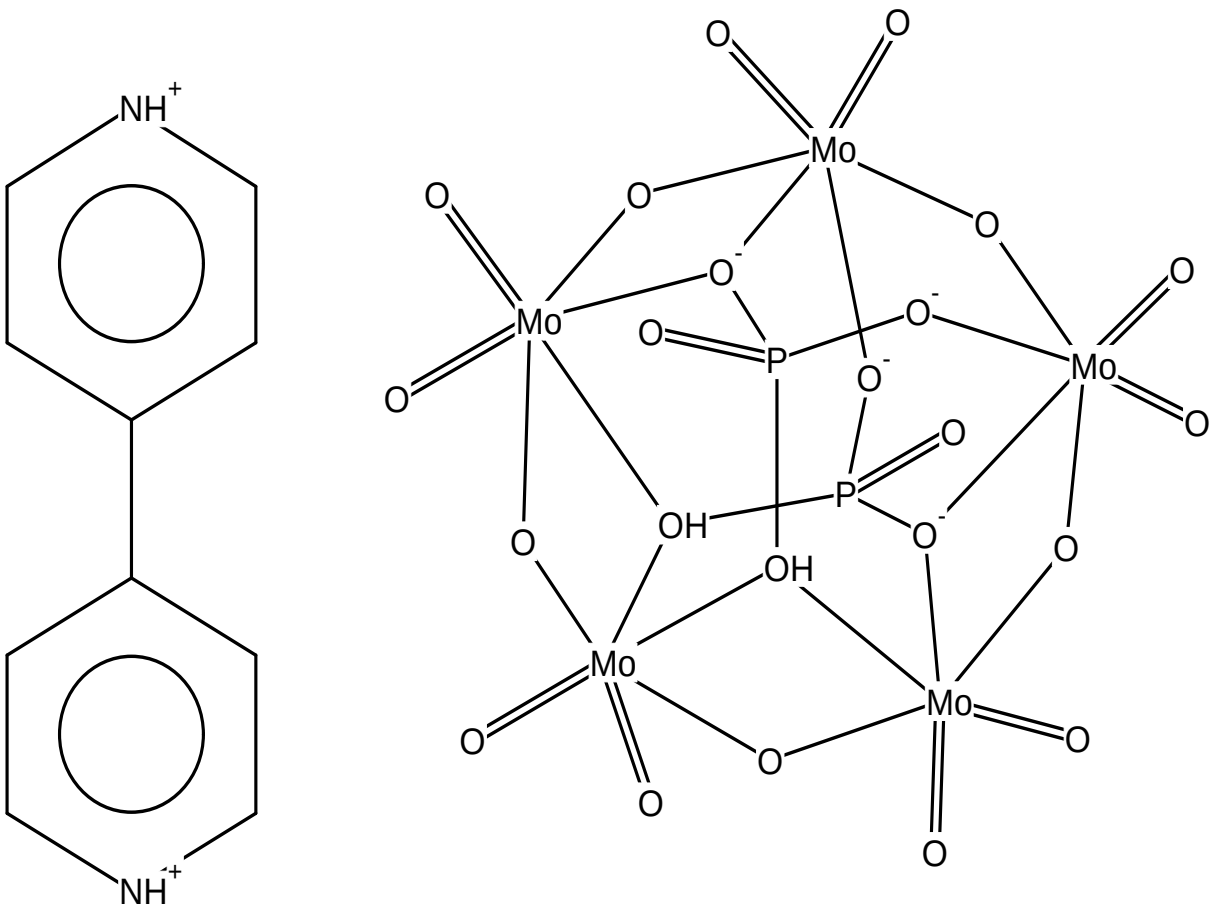
XUXHON

Reference: Shi-Long Zhao, Han-Hui Zhang, Chang-Cang Huang
(2002)
Gaodeng Xuexiao Huaxue Xuebao(Chin.)(Chem.J.Chin.Univ.(Chinese Edition)) , **23,**521

Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),H_2\ Mo_5\ O_{23}\ P_2\ ^{4-},H_2\ O_1$

Compound Name: bis(4,4'-bipyridinium) bis(μ_5-hydrogen phosphato)-pentakis(μ_2-oxo)-deca-oxo-penta-molybdenum monohydrate

Space Group:	P21/c	***Cell:***	***a***	16.795(0)	***b***	11.519(0)	***c*** 18.891(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	108.34(0)	γ 90.00
R-Factor (%):	2.44	***Temperature(K):***		295	***Density(g/cm^3):***		2.386



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2953

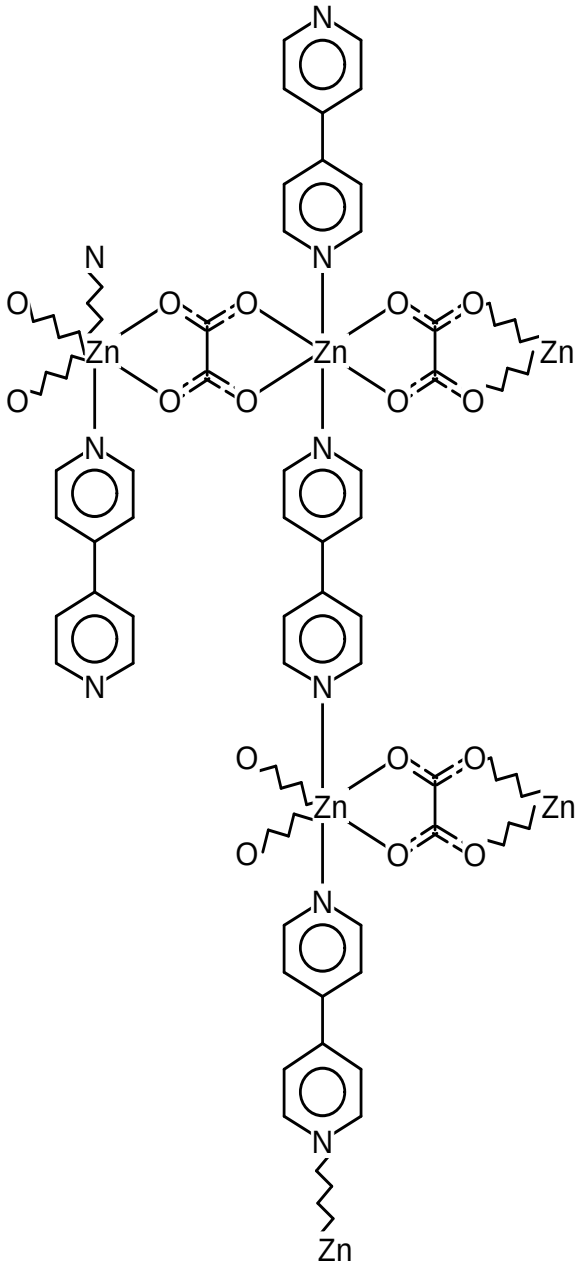
XUYQUD

Reference: K.J.Nordell, K.A.Higgins, M.D.Smith (2003)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**59,**m114

Formula: $(C_{46}\ H_{32}\ N_8\ O_{12}\ Zn_3)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine)-bis(4,4'-bipyridine)-tris(μ_2-oxalato)-tri-zinc(ii))

Space Group:	P21/c	***Cell:***	***a*** 16.251(0)	***b*** 15.589(0)	***c*** 16.376(1)
Space Group No.:	14	***(Å,°)***	α 90.00	β 94.00(0)	γ 90.00
R-Factor (%):	2.68	***Temperature(K):***	293	***Density(g/cm^3):***	1.741



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2954

XUYQUD01

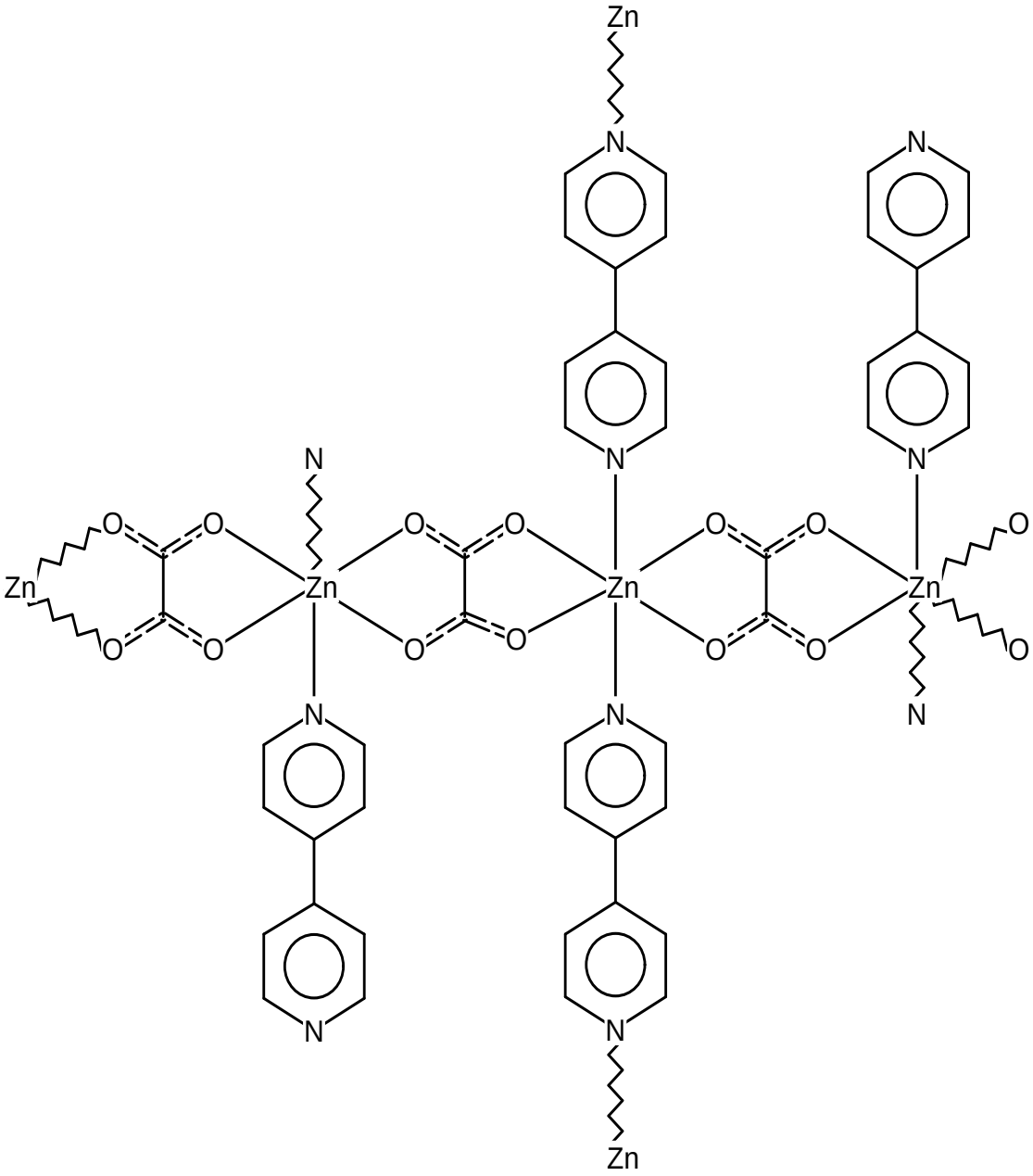
Reference: Na Hao, Enhong Shen, Yangguang Li, Enbo Wang, Changwen Hu, Lin Xu (2004) *J.Mol.Struct.* ,**691,**273

Formula: $(C_{46}\ H_{32}\ N_8\ O_{12}\ Zn_3)n$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl-N,N')-tris(μ_2-oxalato)-bis(4,4'-bipyridyl-N)-tri-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	16.264(3)	***b***	15.603(3)	***c***	16.343(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.13(3)	γ	90.00

R-Factor (%): 5.54 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.742



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2955

YACJIV

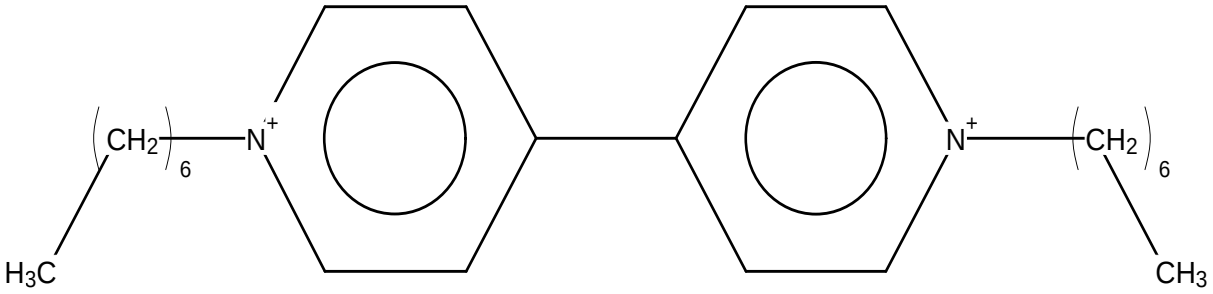
Reference: M.B.Inoue, L.Machi, M.Inoue, Q.Fernando (1992)
Inorg.Chim.Acta ,**192,**123

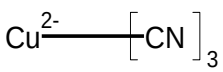
Formula: $C_{24}\ H_{38}\ N_2\ ^{2+},C_3\ Cu_1\ N_3\ ^{2-},2(H_2\ O_1)$

Compound Name: 1,1'-Diheptyl-4,4'-bipyridinium tricyano-copper(i) dihydrate

Space Group:	P-1	***Cell:***	***a***	16.920(8)	***b*** 19.040(9)	***c***	9.461(4)
Space Group No.:	2	***(Å,°)***	α	97.99(0)	β 99.11(0)	γ	99.24(0)

R-Factor (%): 9.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.207





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2956

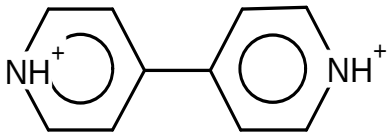
YADDEN

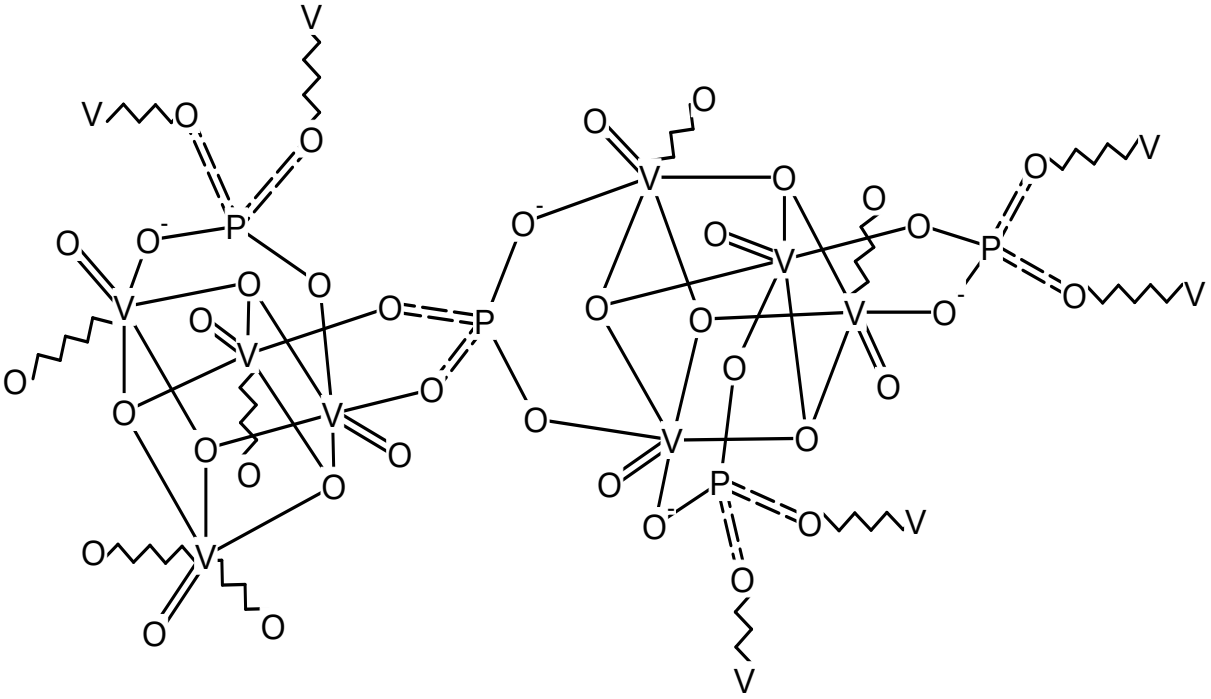
Reference: Fa-Nian Shi, F.A.A.Paz, J.Rocha, J.Klinowski, T.Trindade (2004) *Eur.J.Inorg.Chem.* ,3031

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(O_{32}\ P_4\ V_8\ ^{4-})$

Compound Name: catena-(bis(4,4'-Bipyridinium) tetrakis(μ_4-phosphato)-octakis(μ_3-oxo)-octaoxo-octa-vanadium(v))

Space Group:	P2/c	***Cell:***	***a*** 14.797(3)	***b*** 7.418(1)	***c*** 18.613(4)
Space Group No.:	13	***(Å,°)***	α 90.00	β 102.20(3)	γ 90.00
R-Factor (%):	4.63	***Temperature(K):***	180	***Density(g/cm^3):***	2.262





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2957

YADHIV

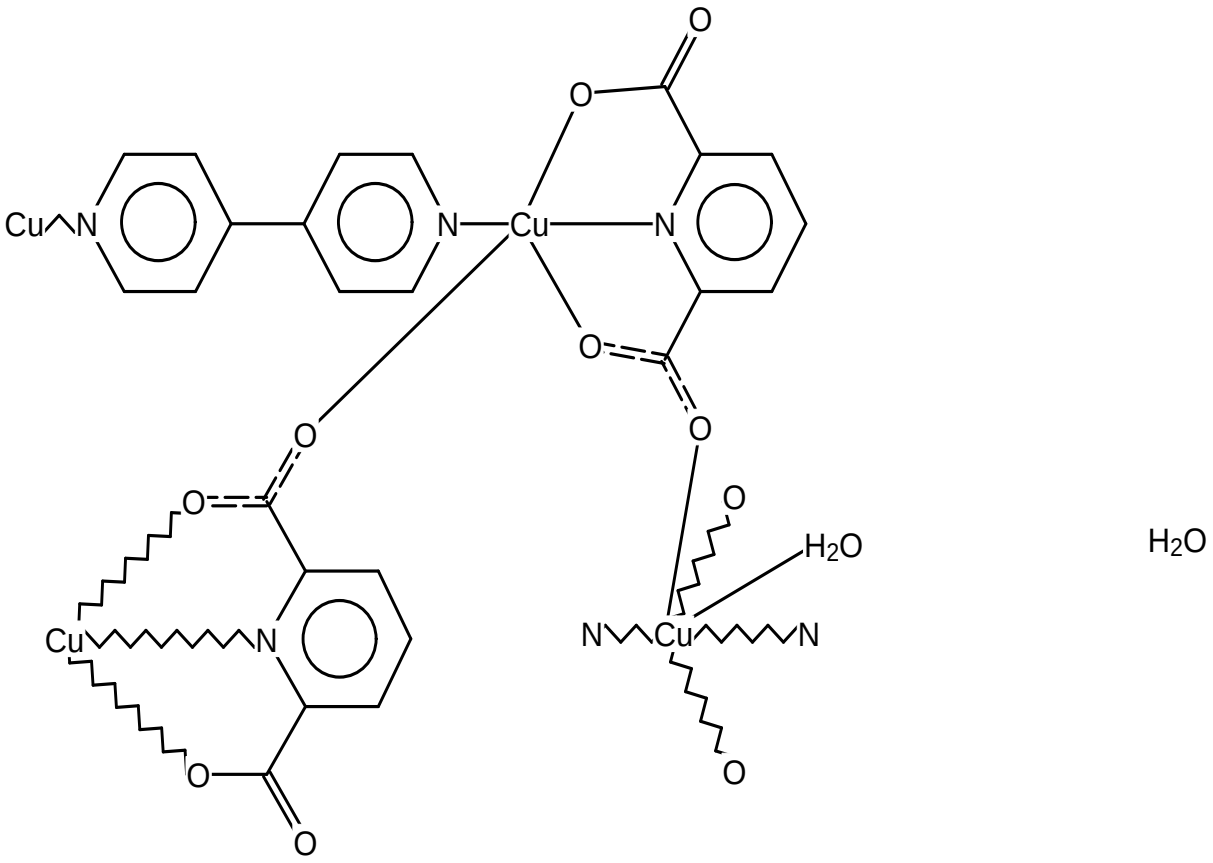
Reference: S.K.Ghosh, J.Ribas, P.K.Bharadwaj (2004)
CrystEngComm ,**6,**250

Formula: $(C_{24}\ H_{16}\ Cu_2\ N_4\ O_9)n,3n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-bis(μ_2-pyridine-2,6-dicarboxylato)-aqua-di-copper(ii) trihydrate)

Space Group:	P-1	***Cell:***	***a***	7.217(5)	***b***	10.605(3)	***c***	17.705(2)
Space Group No.:	2	***(Å,°)***	α	79.61(0)	β	83.57(0)	γ	71.79(0)

R-Factor (%):	5.26	***Temperature(K):***	293	***Density(g/cm^3):***	1.801



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2958

YADHIV01

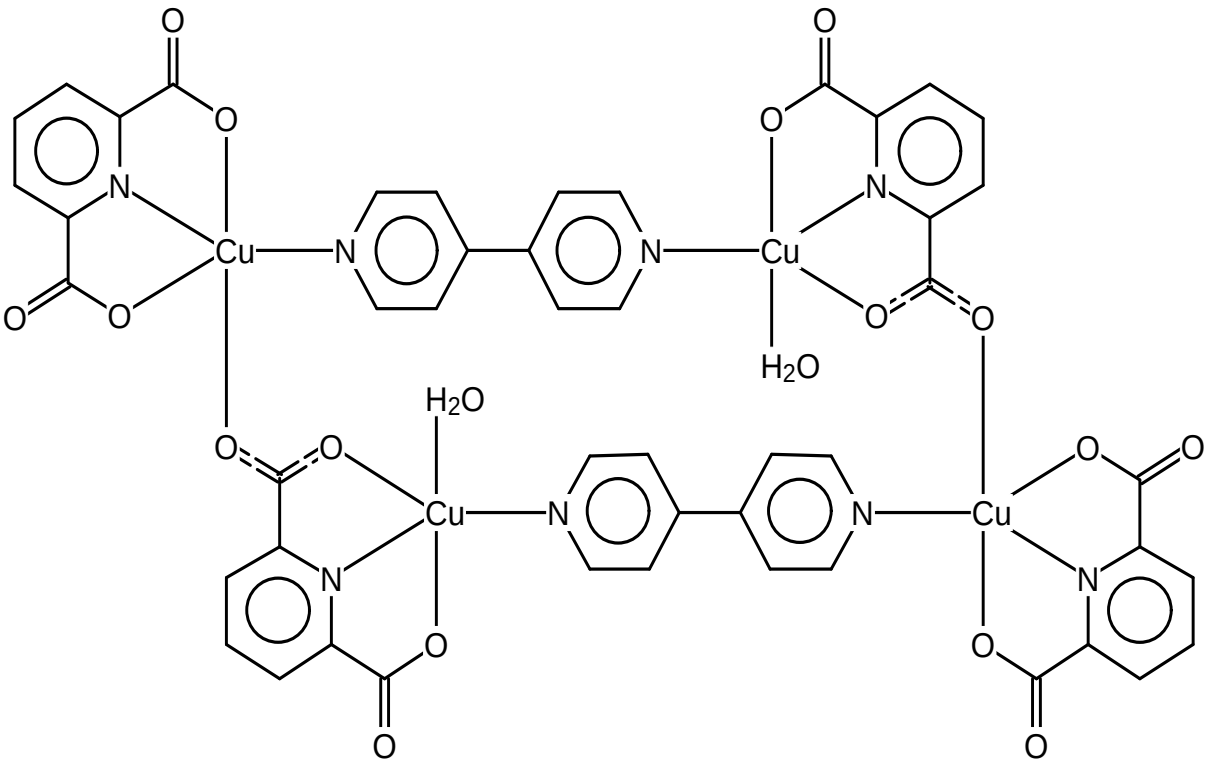
Reference: Yi-Hang Wen, Jian Zhang, Ye-Yan Qin, Zhao-Ji Li, Yao Kang, Yu-Biao Chen, Jian-Kai Cheng, Yuan-Gen Yao (2004) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**23,**1001

Formula: $C_{48}\ H_{32}\ Cu_4\ N_8\ O_{18}$,6($H_2\ O_1$)

Compound Name: bis((μ_2-4,4'-Bipyridyl)-(μ_2-pyridine-2,6-dicarboxylato)-aqua-(pyridine-2,6-dicarboxylato)-di-copper(ii)) hexahydrate

Space Group:	P-1	***Cell:***	***a***	7.228(0)	***b***	10.626(0)	***c***	17.761(0)
Space Group No.:	2	***(Å,°)***	α	79.60(0)	β	83.63(0)	γ	71.83(0)

R-Factor (%): 3.97 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.789



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2959

YADNEW

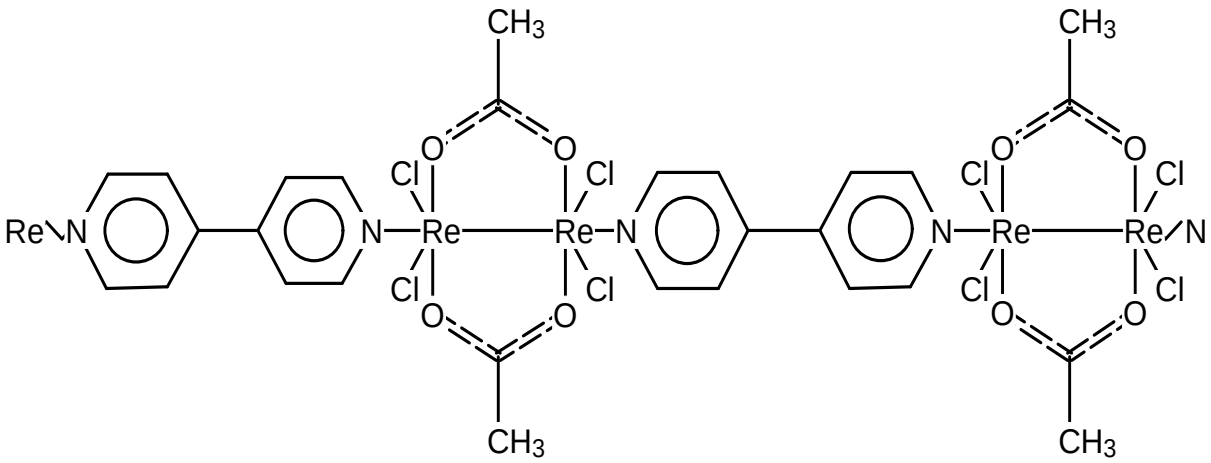
Reference: Y.Ding, S.S.Lau, P.E.Fanwick, R.A.Walton (2000)
Inorg.Chim.Acta ,**300,**505

Formula: $(C_{28}\ H_{28}\ Cl_8\ N_4\ O_8\ Re_4)n$

Compound Name: catena-(cis-tetrakis(μ_2-Acetato-O,O')-bis(μ_2-4,4'-bipyridine-N,N')-octachloro-tetra-rhenium(iii))

Space Group:	C2/c	***Cell:***	***a***	21.458(0)	***b*** 12.890(0)	***c***	19.200(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 105.50(0)	γ	90.00

R-Factor (%): 3.90 ***Temperature(K):*** 203 ***Density(g/cm^3):*** 2.047



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2960

YAFXIN

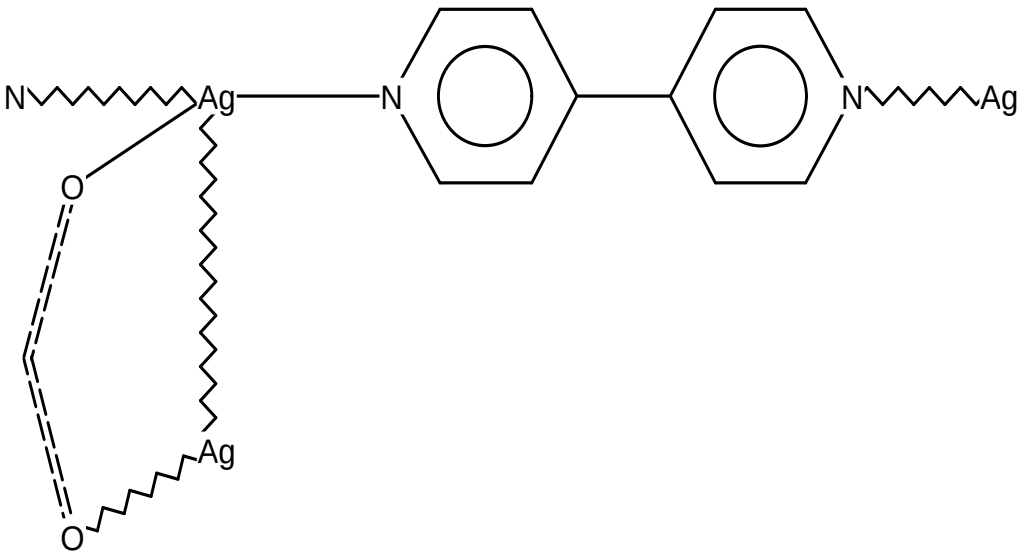
Reference: Deng-Qing Zhang, Wen-Hua Zhang, Qing-Feng Xu, Jian-Ping Lang, S.W.Ng (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m1256

Formula: $(C_{11}\ H_9\ Ag_1\ N_2\ O_2)n,n(C_1\ H_2\ O_2),n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-formato)-silver(i) monohydrate formic acid solvate)

Space Group:	C2/c	***Cell:***	***a***	17.848(4)	***b*** 16.863(3)	***c***	9.485(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 108.79(1)	γ	90.00

R-Factor (%): 7.04 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.834



OHC——OH H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2961

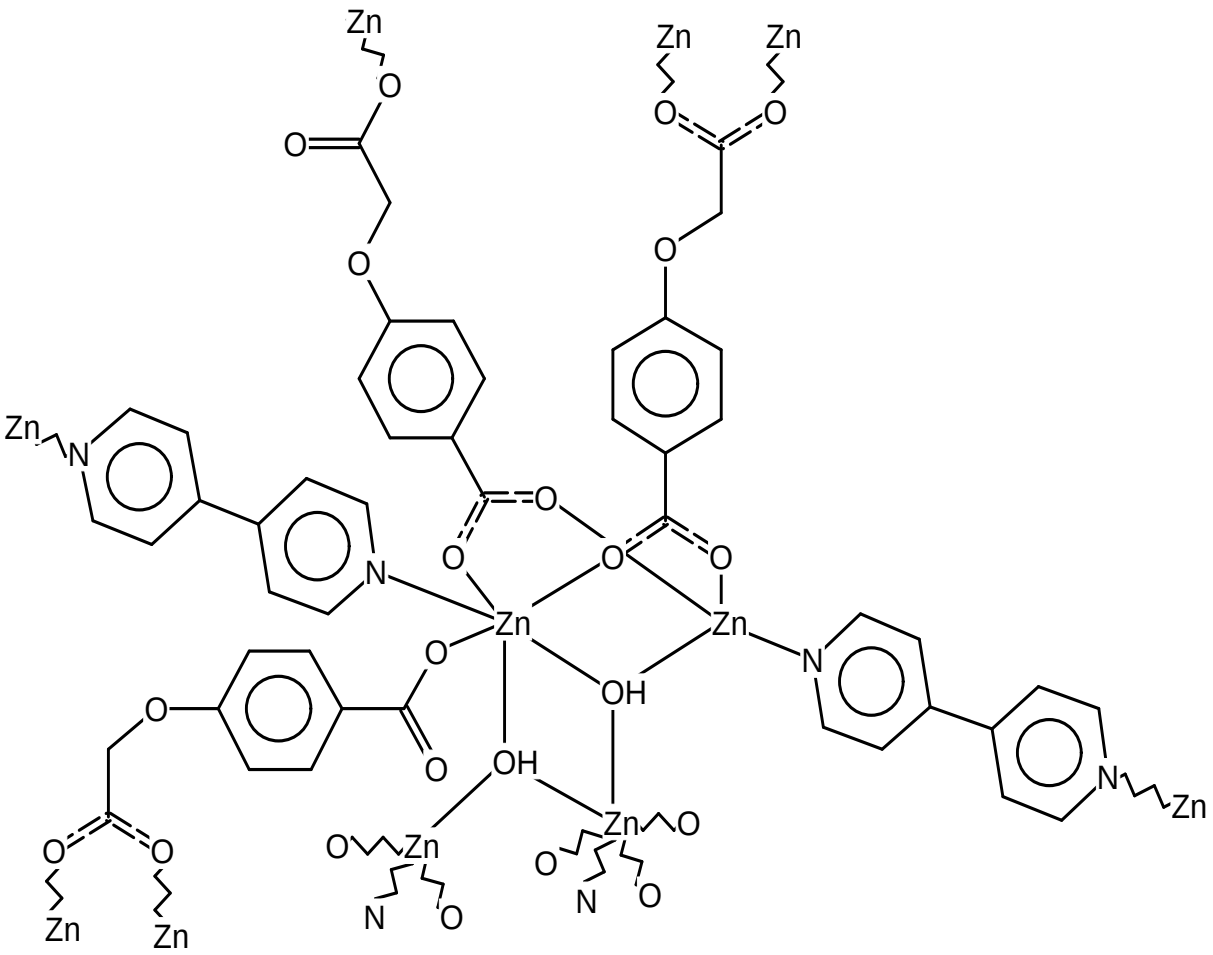
YAGFIW

Reference: Shan Gao, Li-Hua Huo, Chang-Sheng Gu, Jing-Gui Zhao, S.W.Ng (2004) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**60,**m1331

Formula: $(C_{47}\ H_{36}\ N_4\ O_{17}\ Zn_4)n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-4-Carboxyphenoxyacetato)-(μ_4-4-carboxyphenoxyacetato)-bis(μ_3-hydroxo)-bis(μ_2-4,4'-bipyridine)-tetra-zinc(iv) dihydrate)

Space Group:	P-1	***Cell:***	***a***	10.679(4)	***b***	10.913(4)	***c***	12.140(4)
Space Group No.:	2	***(Å,°)***	α	112.43(3)	β	104.07(3)	γ	100.10(3)
R-Factor (%):	5.10	***Temperature(K):***	295		***Density(g/cm^3):***	1.682		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2962

YAHPED

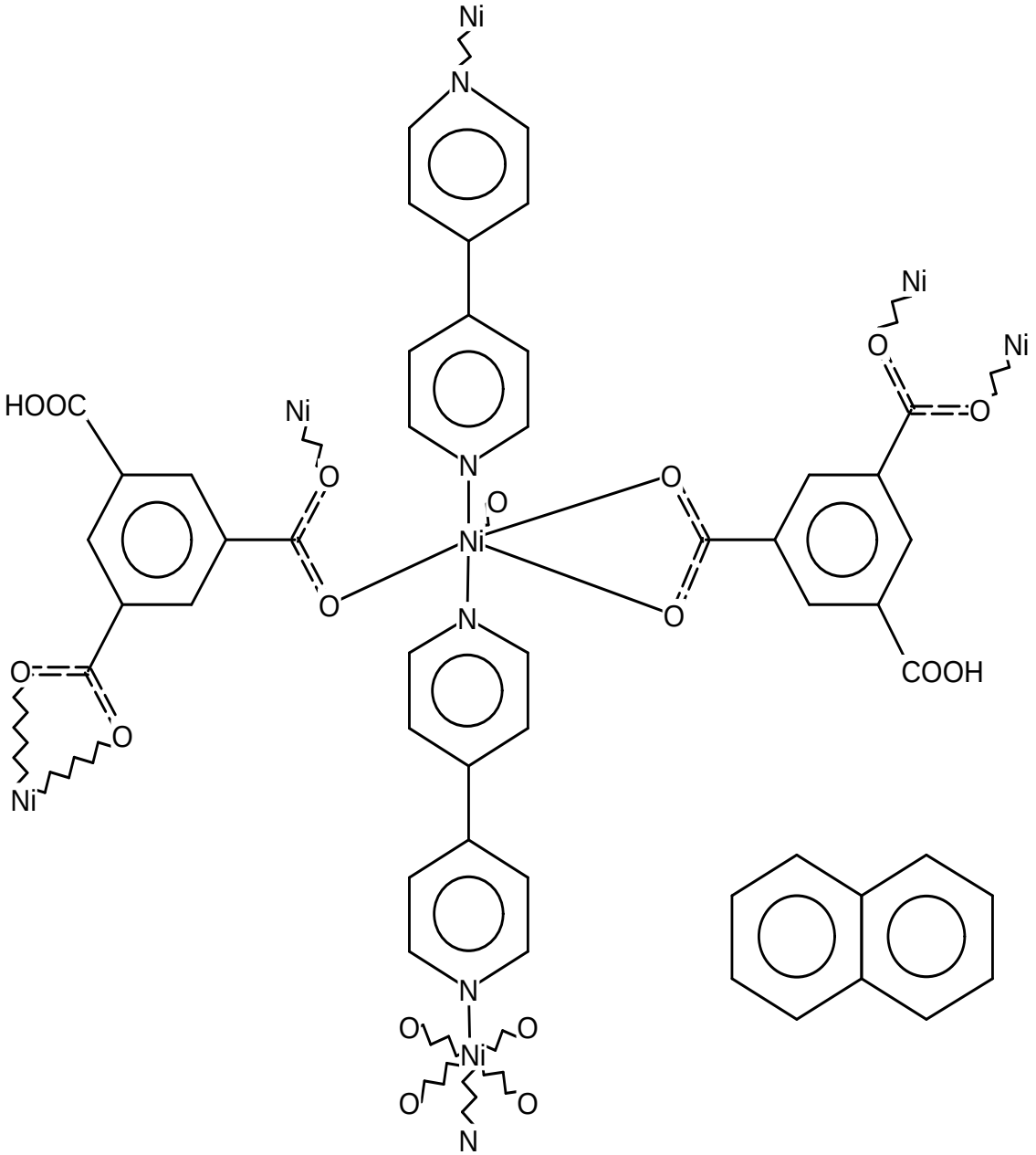
Reference: Eun Young Choi, Young-Uk Kwon (2005) *Inorg.Chem.* ,**44,** 538

Formula: $(C_{38}\ H_{24}\ N_4\ Ni_2\ O_{12})n,3n(C_{10}\ H_8)$

Compound Name: catena-(bis((μ_2-5-Carboxybenzene-1,3-dicarboxylato)-(μ_2-4,4'-bipyridine))-nickel(ii) tris(naphthalene)clathrate)

Space Group:	P21/c	***Cell:***	***a***	11.248(2)	***b*** 16.801(4)	***c***	14.945(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.73(0)	γ	90.00

R-Factor (%): 10.30 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.490



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2963

YAHPIH

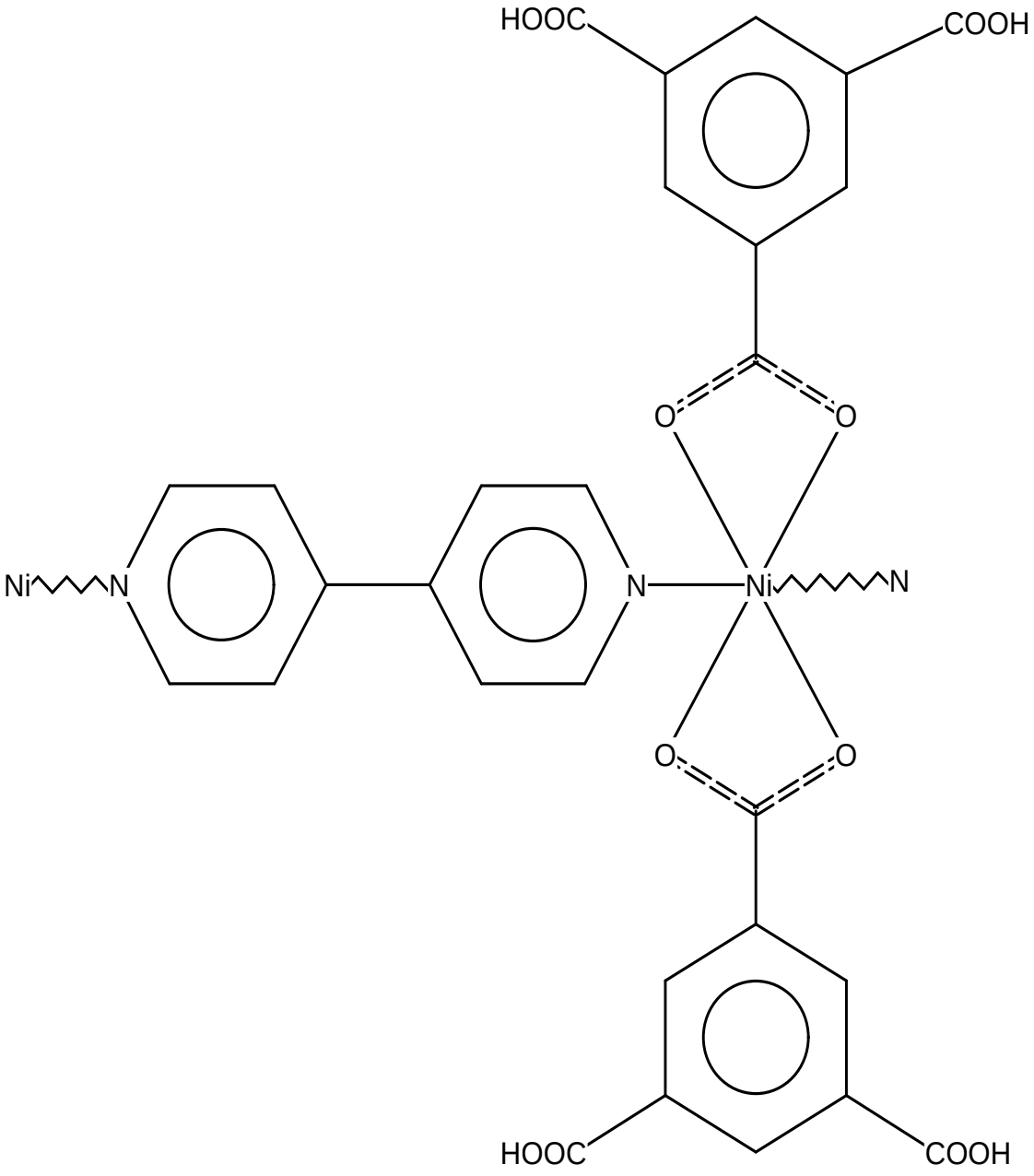
Reference: Eun Young Choi, Young-Uk Kwon (2005) *Inorg.Chem.* ,**44,** 538

Formula: $(C_{28}\ H_{18}\ N_2\ Ni_1\ O_{12})n$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine)-bis(3,5-dicarboxybenzenecarboxylato)-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	10.692(2)	***b*** 11.114(3)	***c***	21.962(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.70(1)	γ	90.00

R-Factor (%): 3.25 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.646



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2964

YAHPON

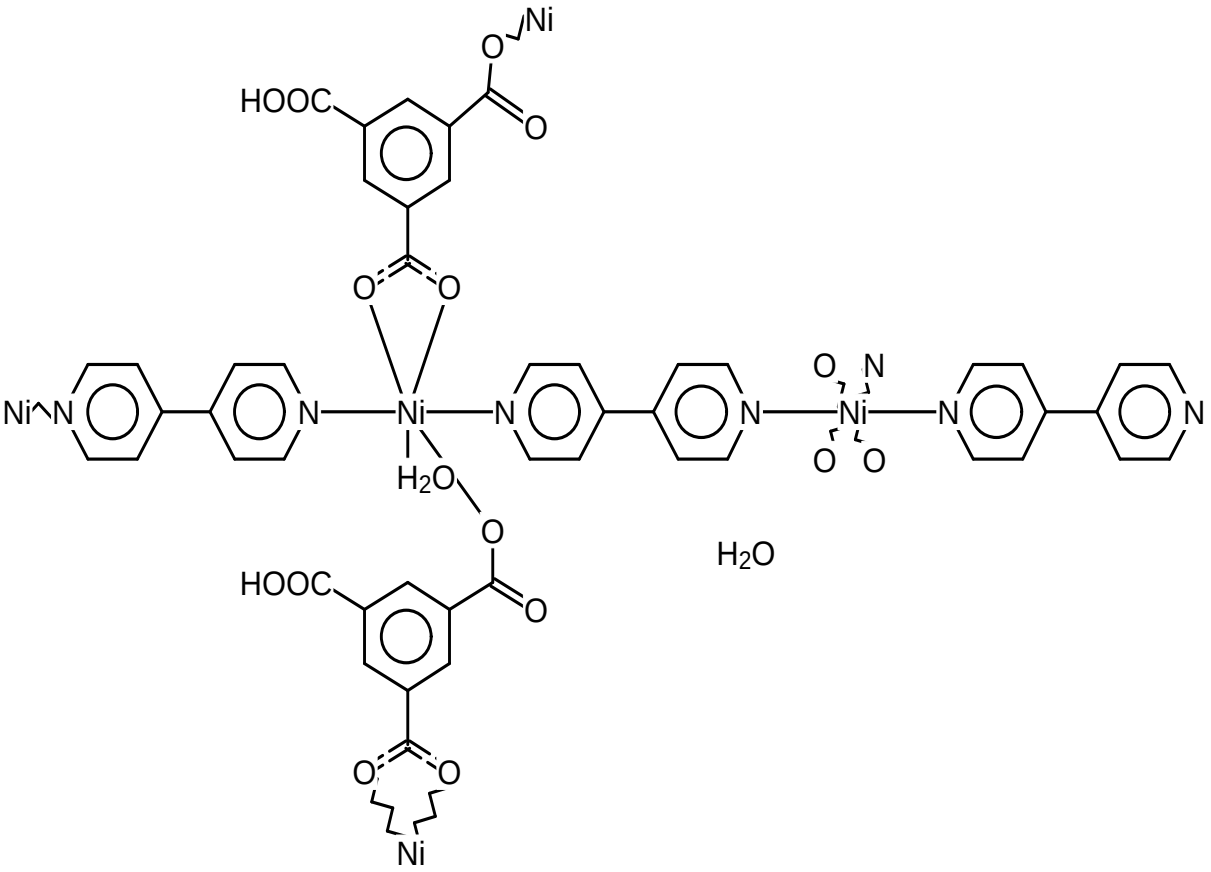
Reference: Eun Young Choi, Young-Uk Kwon (2005) *Inorg.Chem.* ,**44,** 538

Formula: $(C_{48}\ H_{34}\ N_6\ Ni_2\ O_{13})n,n(H_2\ O_1)$

Compound Name: catena-(bis((μ$_2$-5-Carboxybenzene-1,3-dicarboxylato-O,O',O'')-(μ$_2$-4,4'-bipyridine))-aqua-di-nickel(ii) monohydrate)

Space Group:	C2/c	***Cell:***	***a***	22.500(3)	***b***	20.053(3)	***c*** 19.625(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β	99.31(0)	γ 90.00

R-Factor (%): 6.10 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.578



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2965

YAJBIV

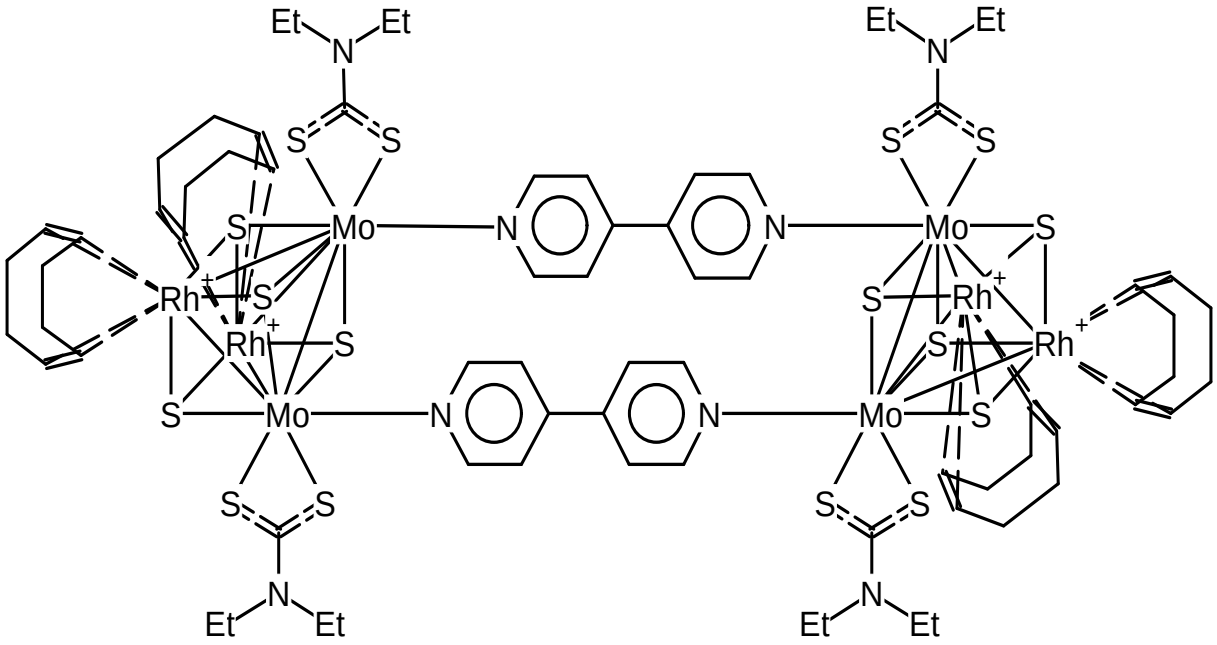
Reference: T.Fujimura, H.Seino, M.Hidai, Y.Mizobe (2005)
Inorg.Chim.Acta ,**358,**2449

Formula: $C_{72}\ H_{104}\ Mo_4\ N_8\ Rh_4\ S_{16}\ ^{4+},4(B_1\ F_4\ ^{1-}),6(C_2\ H_3\ N_1)$

Compound Name: octakis(μ_3-Sulfido)-bis(μ_2-4,4'-bipyridyl)-tetrakis(η^2,η^2-1,5-cyclo-octadiene)-tetrakis(diethyldithiocarbamato)-tetra-molybdenum-tetra-rhodium tetrakis(tetrafluoroborate) acetonitrile solvate

Space Group:	P-1	***Cell:***	***a***	10.854(0)	***b***	13.255(0)	***c*** 22.635(0)
Space Group No.:	2	***(Å,°)***	α	75.04(1)	β	81.20(1)	γ 63.48(0)

R-Factor (%): 4.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.762



BF_4^-

$H_3C{-}CN$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2966

YASHEG

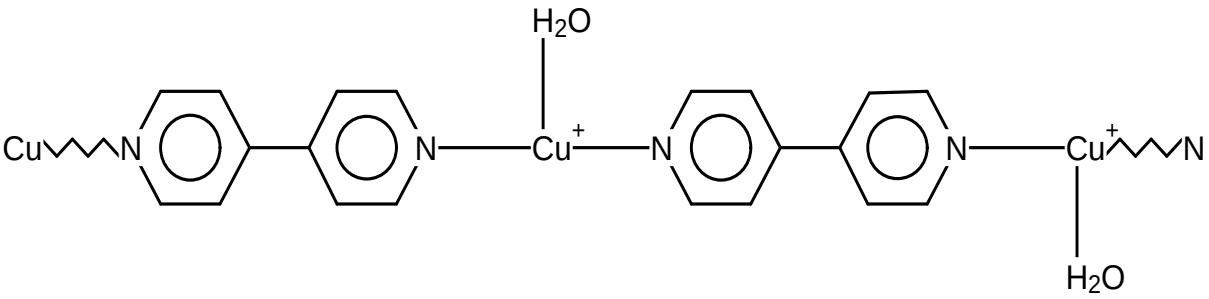
Reference: Xue-Li Zhang, Yu-Juan Lu, Ji-Zhen Li, Seik Weng Ng (2005) *Acta Crystallogr.,Sect.E:Struct.Rep.Online ,***61,**m1061

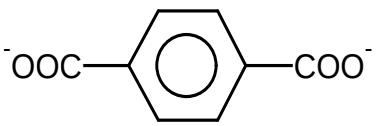
Formula: $(C_{20}\ H_{20}\ Cu_2\ N_4\ O_2\ ^{2+})n,n(C_8\ H_4\ O_4\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-diaqua-di-copper(i) terephthalate dihydrate)

Space Group:	P21/c	***Cell:***	***a***	9.457(0)	***b*** 21.398(2)	***c***	7.157(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.64(0)	γ	90.00

R-Factor (%): 4.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.656





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2967

YASNUC

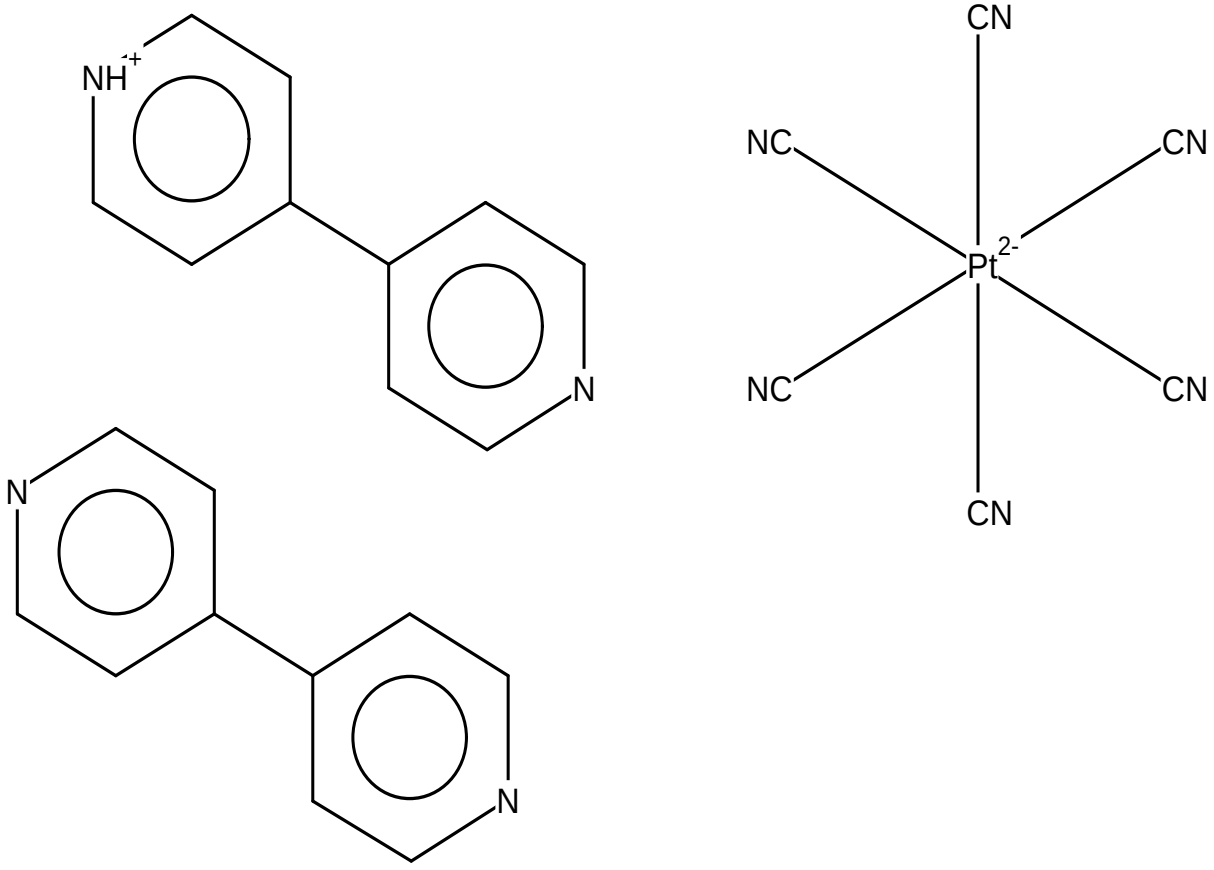
Reference: J.A.Schlueter, R.J.Funk, U.Geiser (2005)
*Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,***61,**m304

Formula: $2(C_{10}H_9N_2^{1+}),C_6N_6Pt_1^{2-},2(C_{10}H_8N_2)$

Compound Name: bis(4,4'-Bipyridinium) hexacyanoplatinate(iv) bis(4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a***	7.495(0)	***b*** 16.353(0)	***c***	16.971(0)
Space Group No.:	2	***(Å,°)***	α	93.02(0)	β 96.13(0)	γ	90.62(0)

R-Factor (%): 2.76 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.573



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2968

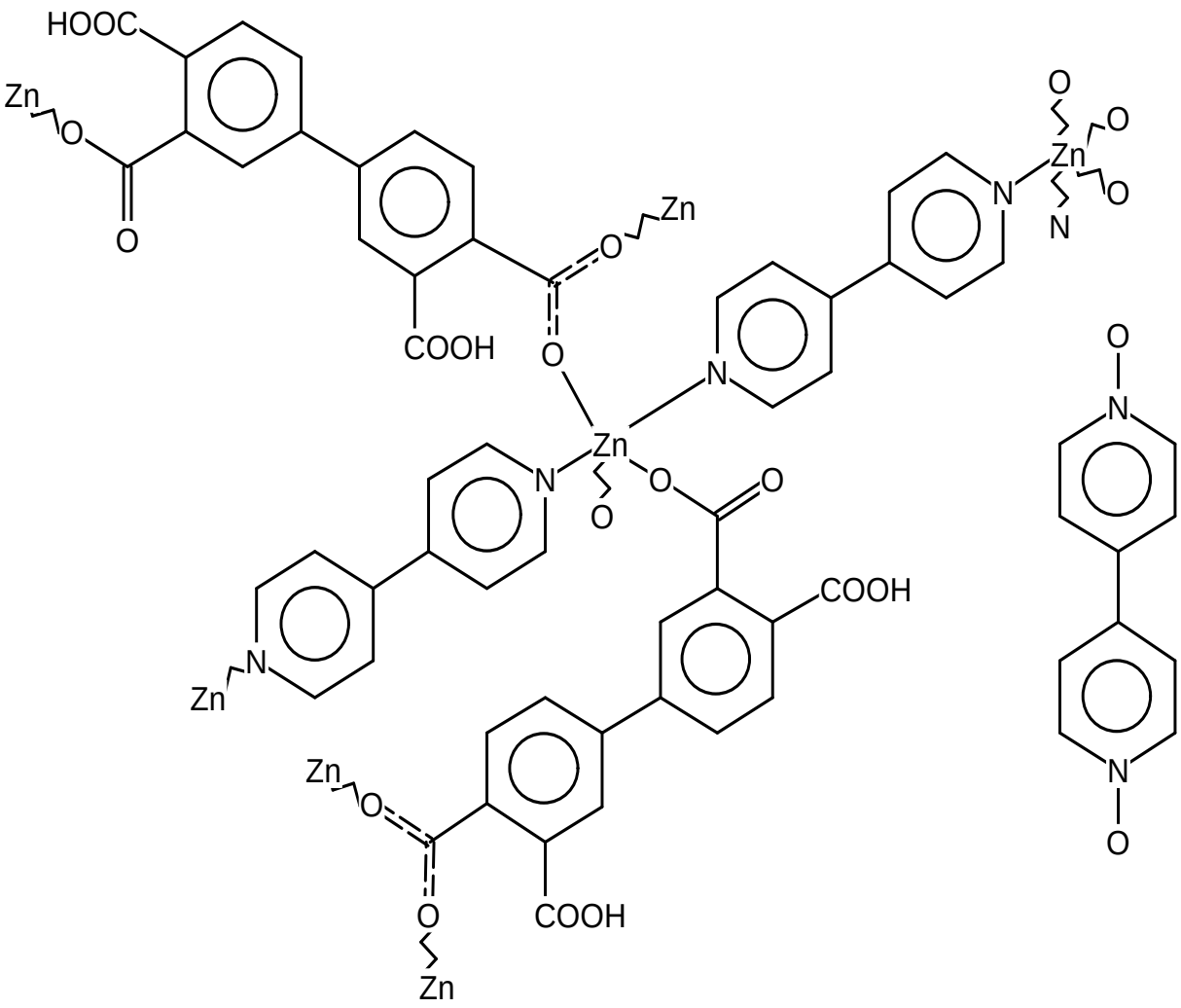
YAVMIS

Reference: Xin-Long Wang, Chao Qin, En-Bo Wang, Lin Xu (2005) *Eur.J.Inorg.Chem.* ,3418

Formula: $(C_{52}\ H_{32}\ N_4\ O_{16}\ Zn_2)n,n(C_{10}\ H_8\ N_2\ O_2)$

Compound Name: catena-(bis(μ_3-Biphenyl-3,4'-dicarboxylic acid-3',4-dicarboxylato-O,O',O'')-bis(μ_2-4,4'-bipyridine)-di-zinc(ii) 4,4'-bipyridine N,N'-dioxide)

Space Group:	P-1	***Cell:***	***a***	9.648(1)	***b***	11.410(2)	***c*** 12.980(3)
Space Group No.:	2	***(Å,°)***	α	98.34(3)	β	96.44(3)	γ 111.36(3)
R-Factor (%):	3.11	***Temperature(K):***	173	***Density(g/cm^3):***	1.651		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2969

YAWBAA

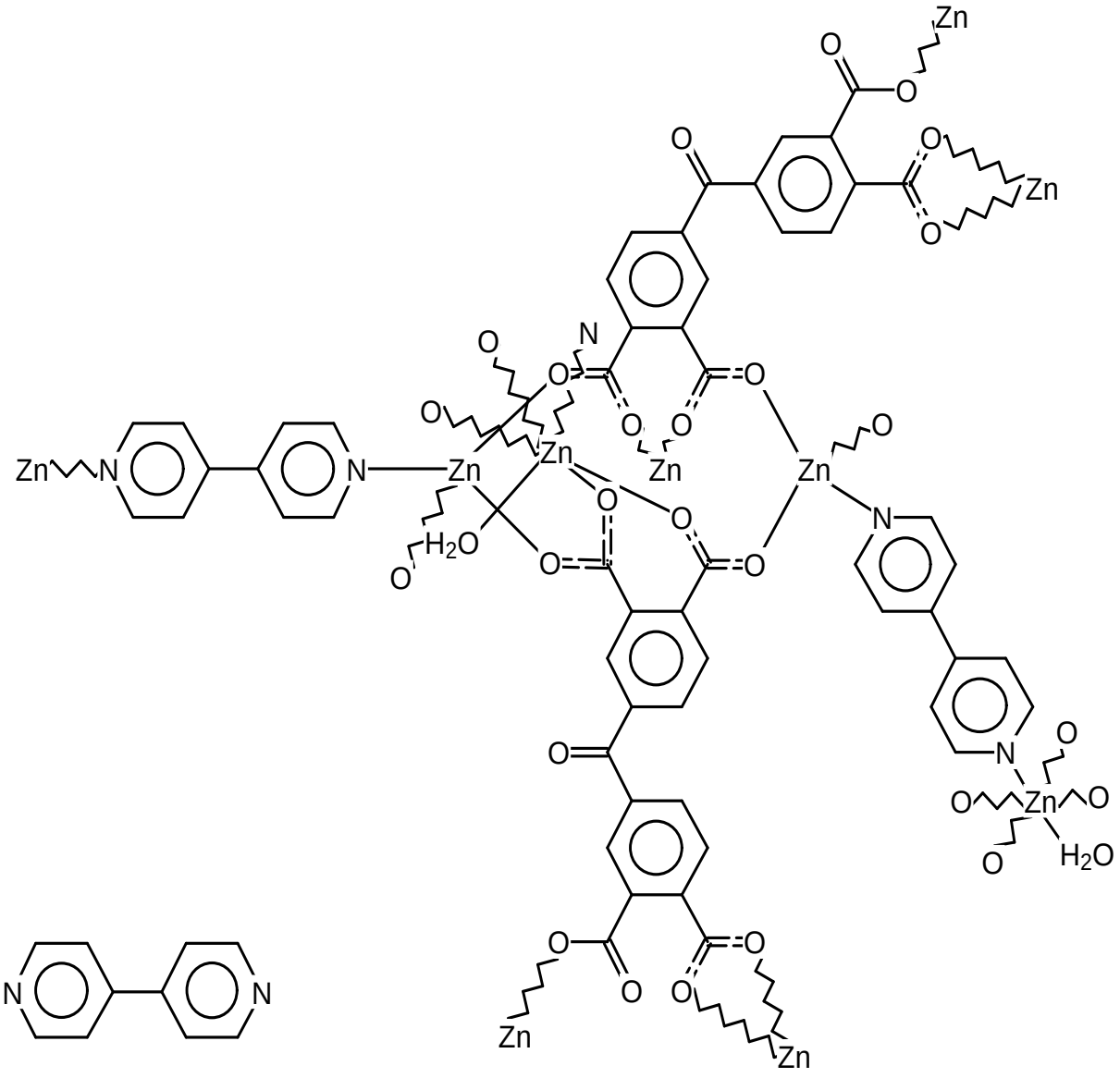
Reference: Jun Hong (2005) *J.Mol.Struct.* ,**752,**166

Formula: $(C_{54}\ H_{32}\ N_4\ O_{20}\ Zn_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[bis(μ_5-Benzophenone-3,3',4,4'-tetracarboxylato)-bis(μ_2-4,4'-bipyridyl)-tetra-zinc(ii) 4,4'-bipyridine solvate]

Space Group:	P21/n	***Cell:***	***a***	11.020(2)	***b***	15.073(3)	***c***	16.768(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.53(3)	γ	90.00

R-Factor (%): 3.72 ***Temperature(K):*** 283 ***Density(g/cm^3):*** 1.766



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2970

YAWDIK

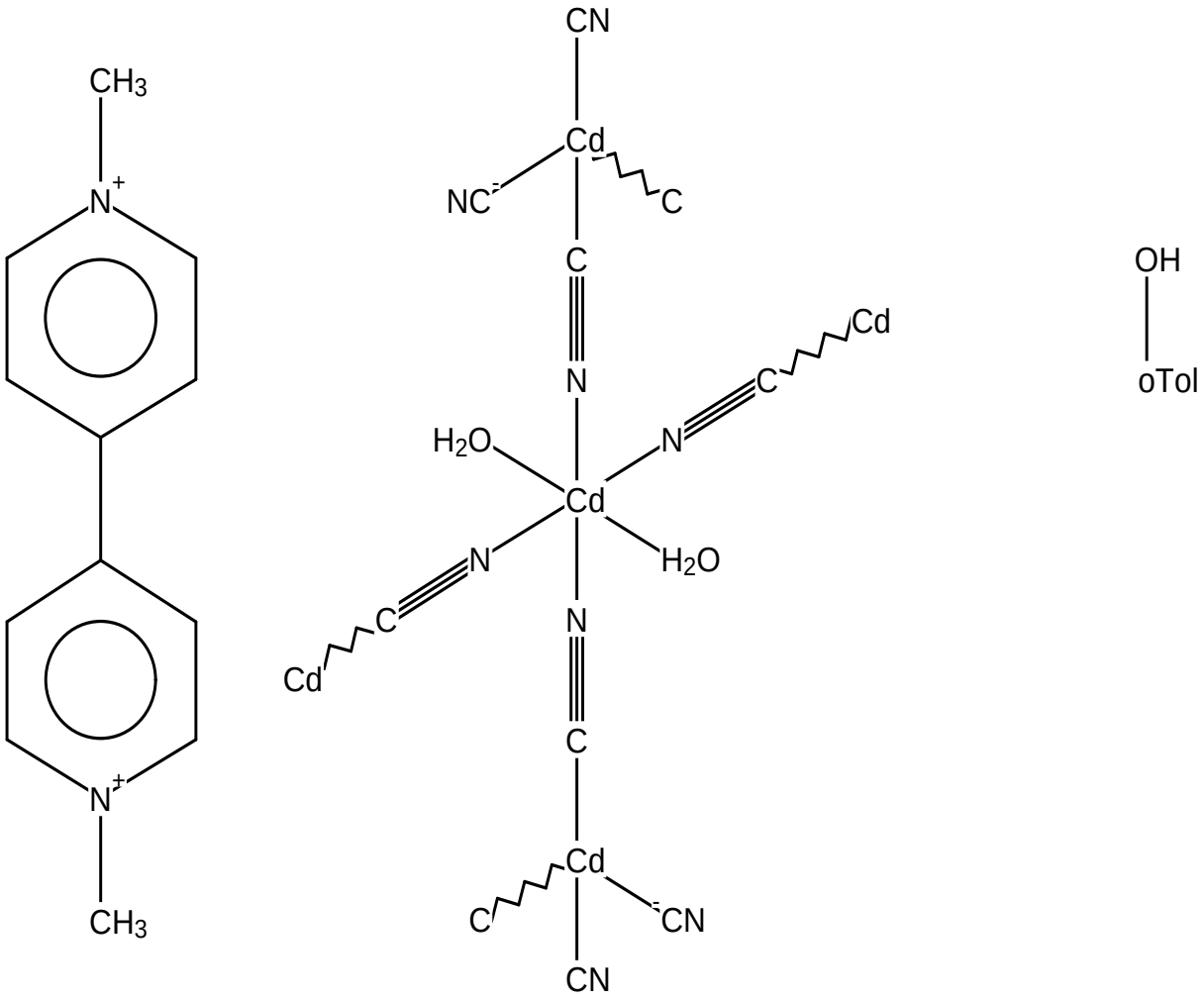
Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_8\ H_4\ Cd_3\ N_8\ O_2\ ^{2-}),2n(C_7\ H_8\ O_1)$

Compound Name: catena-[tetrakis(μ_2-Cyano)-diaqua-tetracyano-tri-cadmium(ii) methylviologen bis(o-cresol) clathrate]

Space Group:	P21/n	***Cell:***	***a***	8.985(0)	***b***	15.753(0)	***c***	13.775(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.43(0)	γ	90.00

R-Factor (%): 2.27 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.681



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2971

YAWDOQ

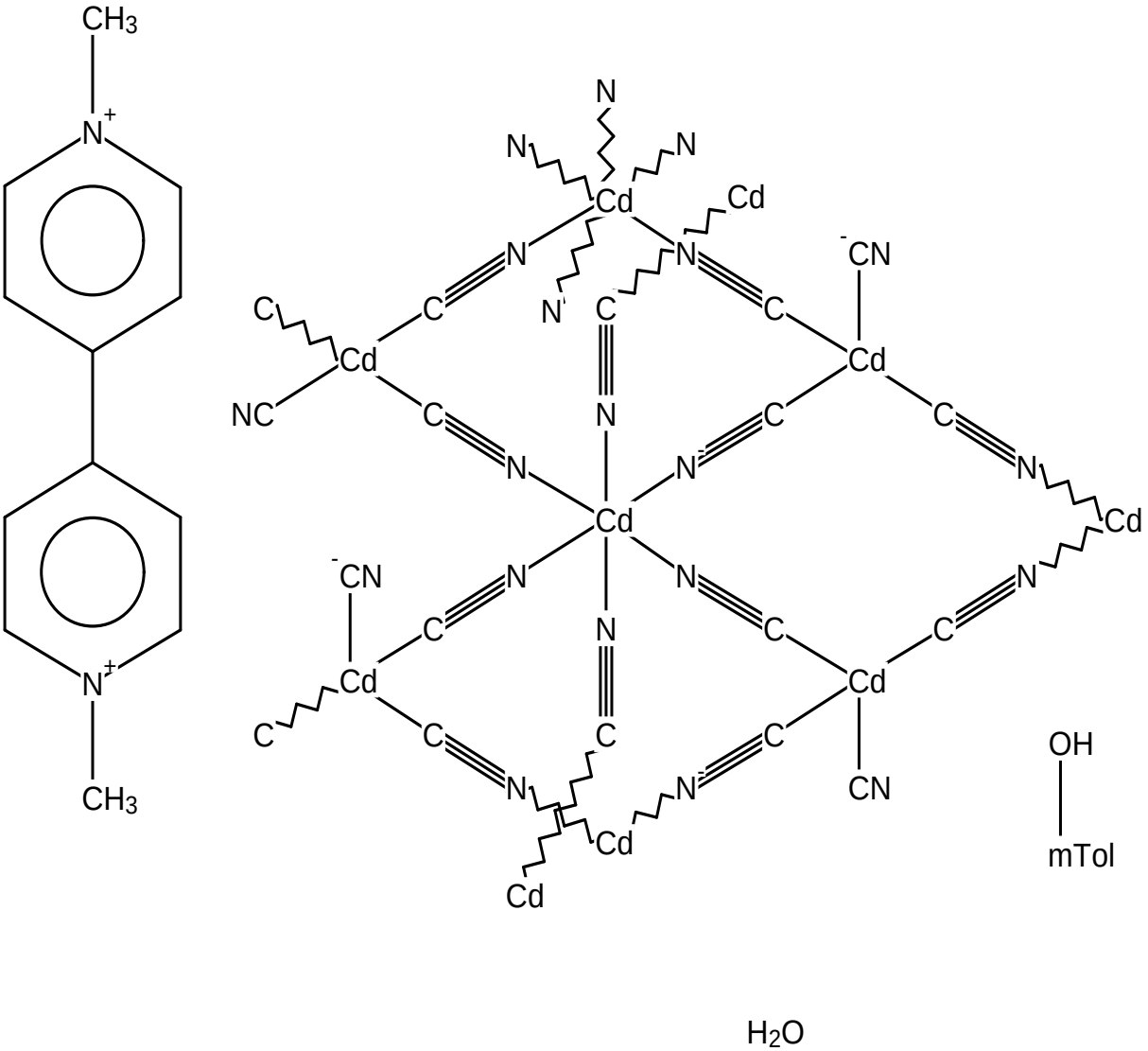
Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})2n,n(C_{16}\ Cd_6\ N_{16}\ ^{4-}),3n(C_7\ H_8\ O_1),4n(H_2\ O_1)$

Compound Name: catena-[dodecakis(μ_2-Cyano)-tetracyano-hexa-cadmium(ii) bis(methylviologen) tris(m-cresol) tetrahydrate clathrate]

Space Group:	Pnan	***Cell:***	***a***	15.172(0)	***b***	16.656(0)	***c***	29.325(0)
Space Group No.:	52	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.68 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.667



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2972

YAWDUW

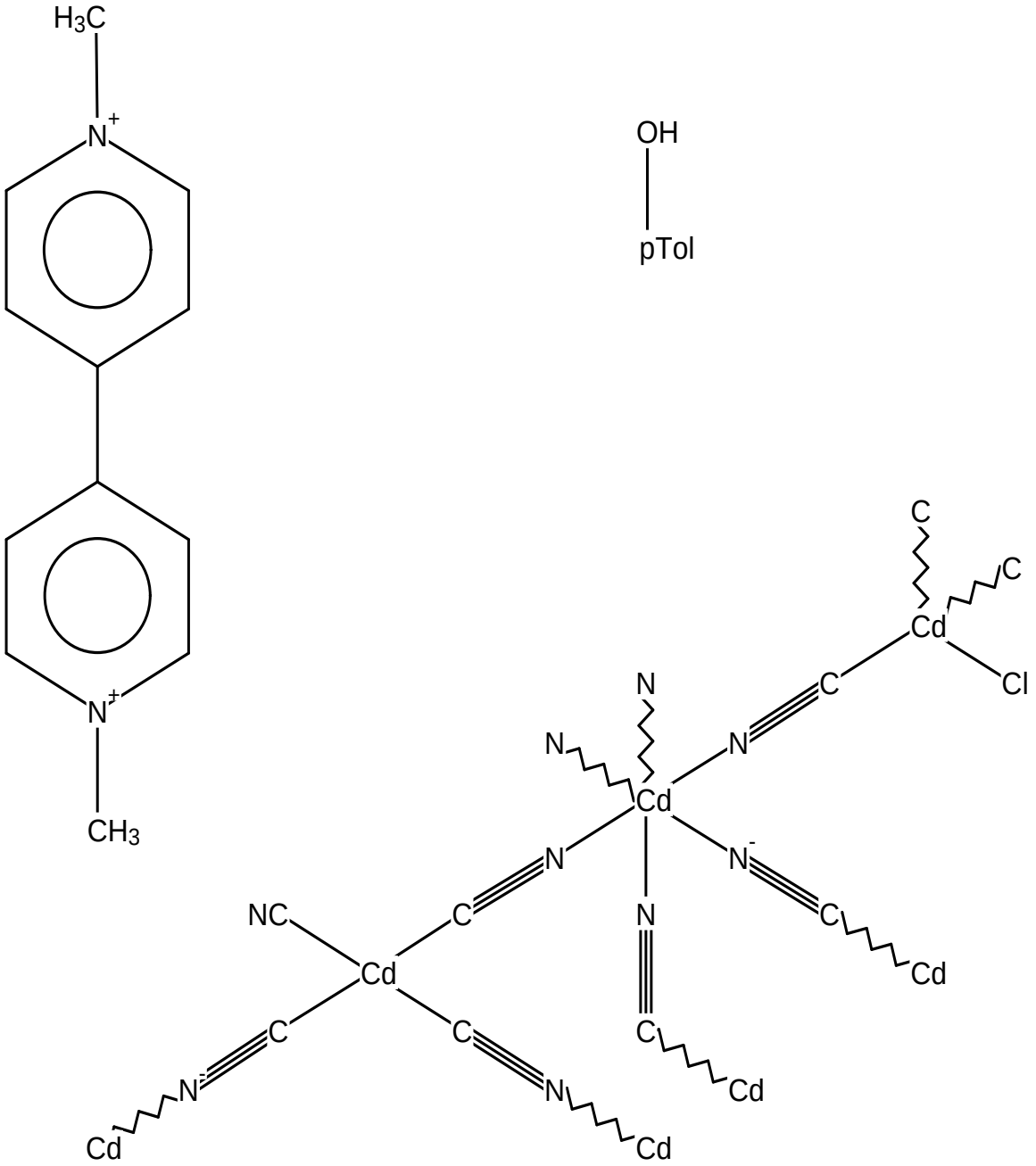
Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_7\ Cd_3\ Cl_1\ N_7\ ^{2-}),2n(C_7\ H_8\ O_1)$

Compound Name: catena-[hexakis(μ_2-Cyano)-chloro-cyano-tri-cadmium(ii) methylviologen bis(p-cresol) clathrate]

Space Group:	Pca21	***Cell:***	***a***	14.707(0)	***b***	8.708(0)	***c*** 29.935(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.659



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2973

YAWFAE

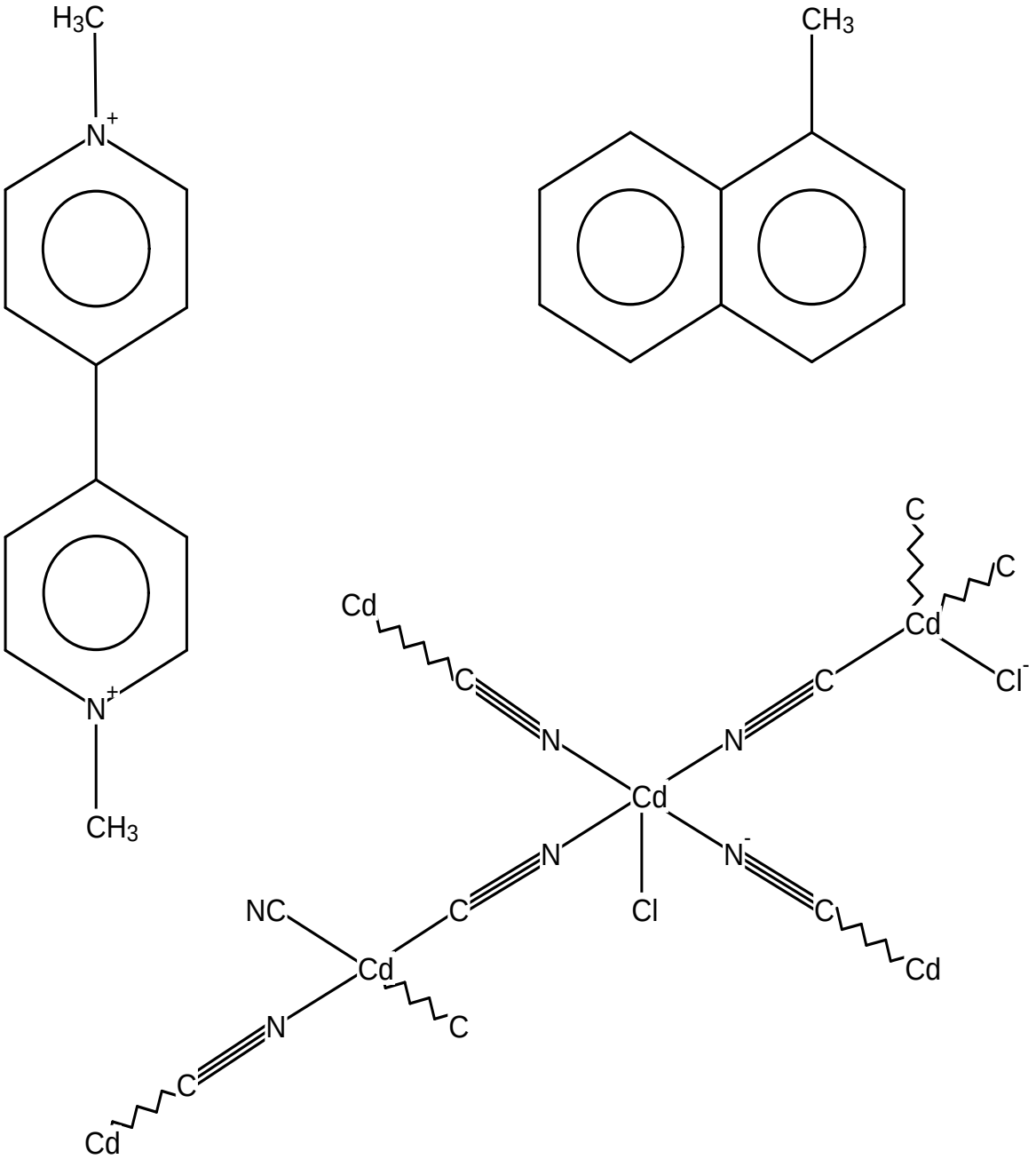
Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_6\ Cd_3\ Cl_2\ N_6\ ^{2-}),n(C_{11}\ H_{10})$

Compound Name: catena-[pentakis(μ_2-Cyano)-dichloro-cyano-tri-cadmium(ii) methylviologen 1-methylnaphthalene clathrate]

Space Group:	Pnma	***Cell:***	***a***	15.563(0)	***b***	8.780(0)	***c*** 24.887(0)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.32 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.744



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2974

YAWFEI

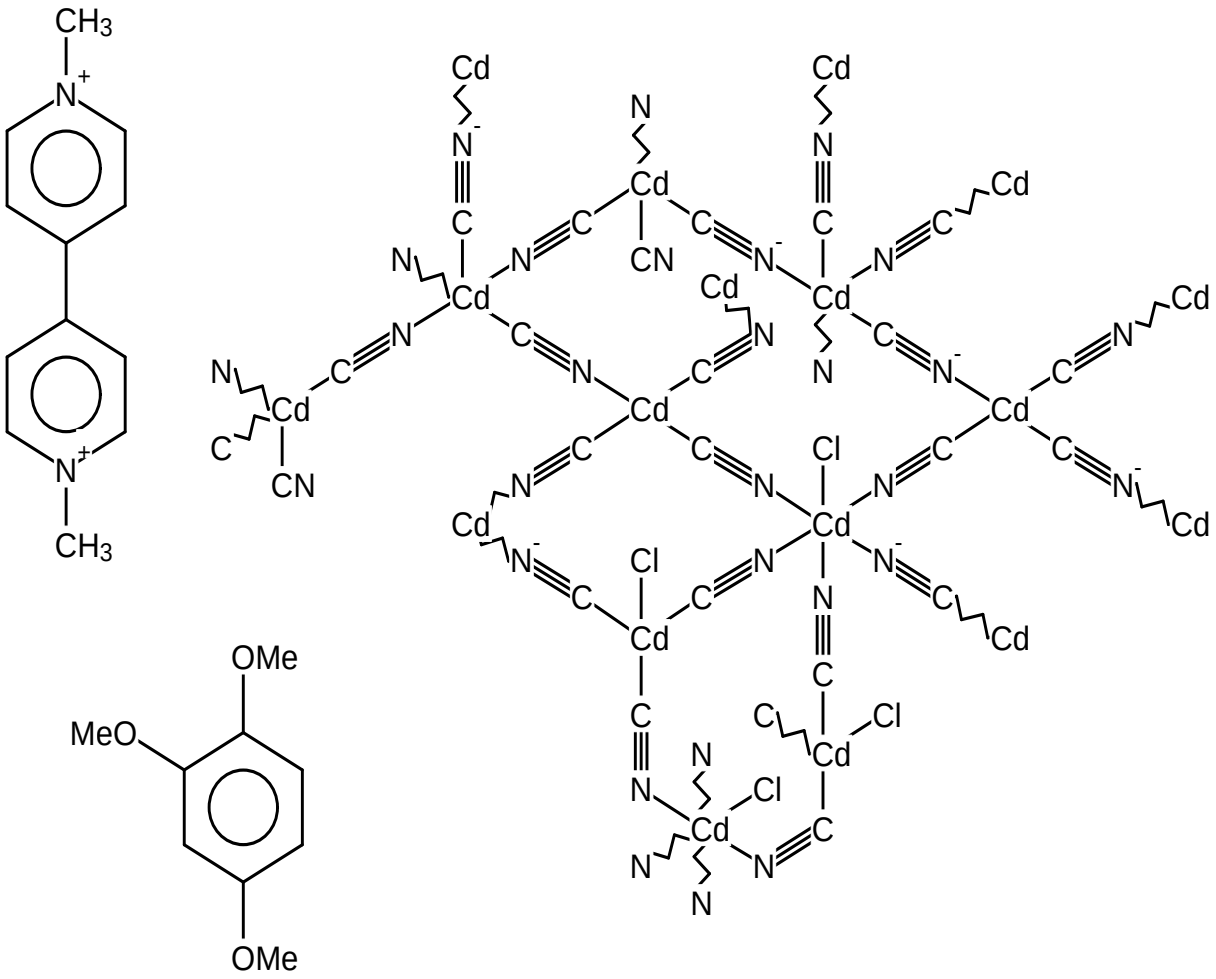
Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})3n,n(C_{22}\ Cd_{10}\ Cl_4\ N_{22}\ ^{6-}),2n(C_9\ H_{12}\ O_3)$

Compound Name: catena-[icosakis(μ_2-Cyano)-tetrachloro-dicyano-deca-cadmium(ii) tris(methylviologen) bis(1,2,4-trimethoxybenzene) clathrate]

Space Group:	P-1	***Cell:***	***a***	19.101(0)	***b***	8.862(0)	***c*** 14.861(0)
Space Group No.:	2	***(Å,°)***	α	84.82(0)	β	86.44(0)	γ 84.53(0)

R-Factor (%): 5.07 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.823



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2975

YAWFIM

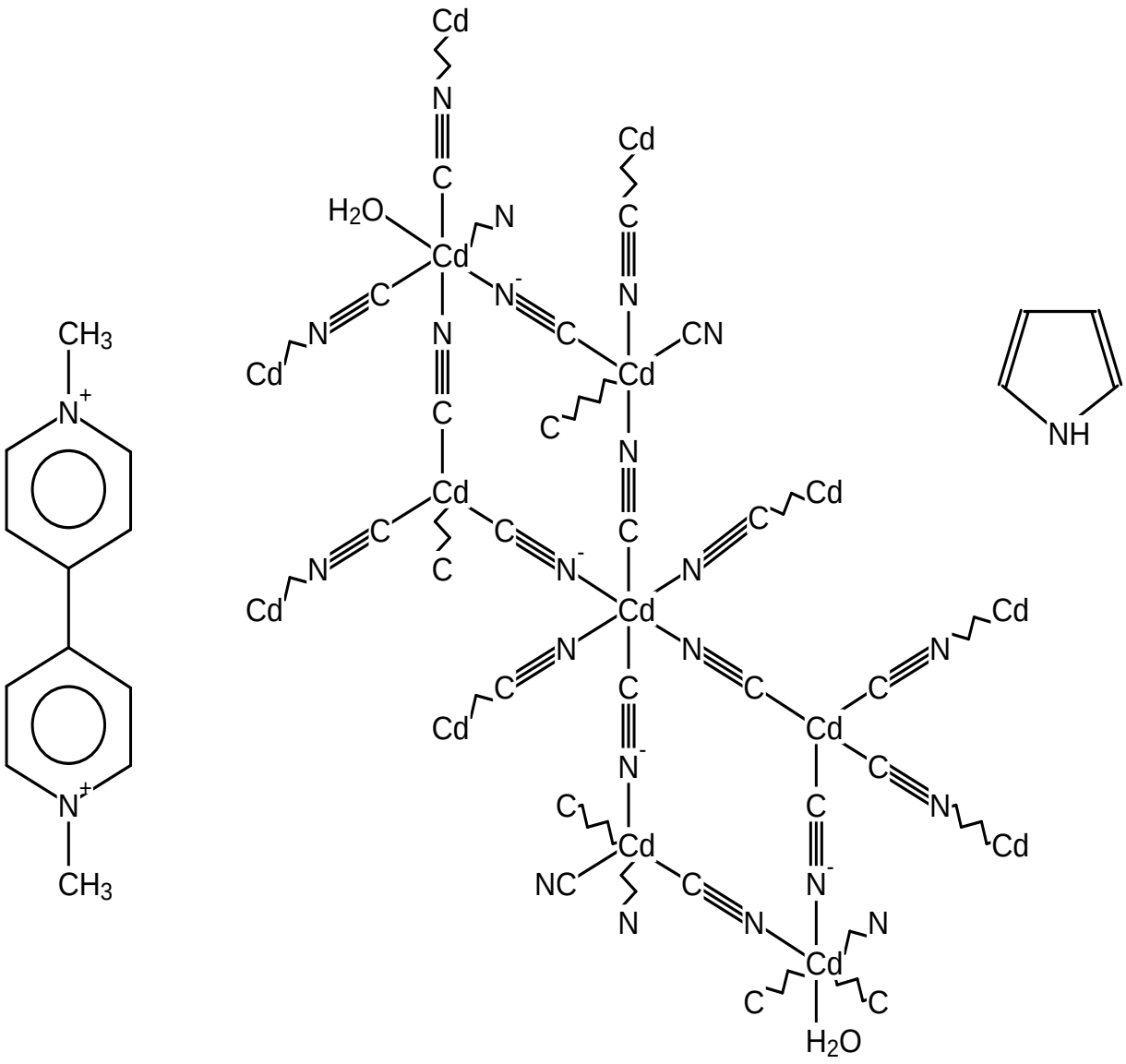
Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})2n,n(C_{18}\ H_4\ Cd_7\ N_{18}\ O_2\ ^{4-}),2n(C_4\ H_5\ N_1)$

Compound Name: catena-[hexadecakis(μ_2-Cyano)-diaqua-dicyano-hepta-cadmium(ii) bis(methylviologen) bis(pyrrole) clathrate]

Space Group:	P21/n	***Cell:***	***a***	8.152(0)	***b***	22.188(0)	***c***	18.331(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	98.96(0)	γ	90.00

R-Factor (%): 2.66 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.823



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2976

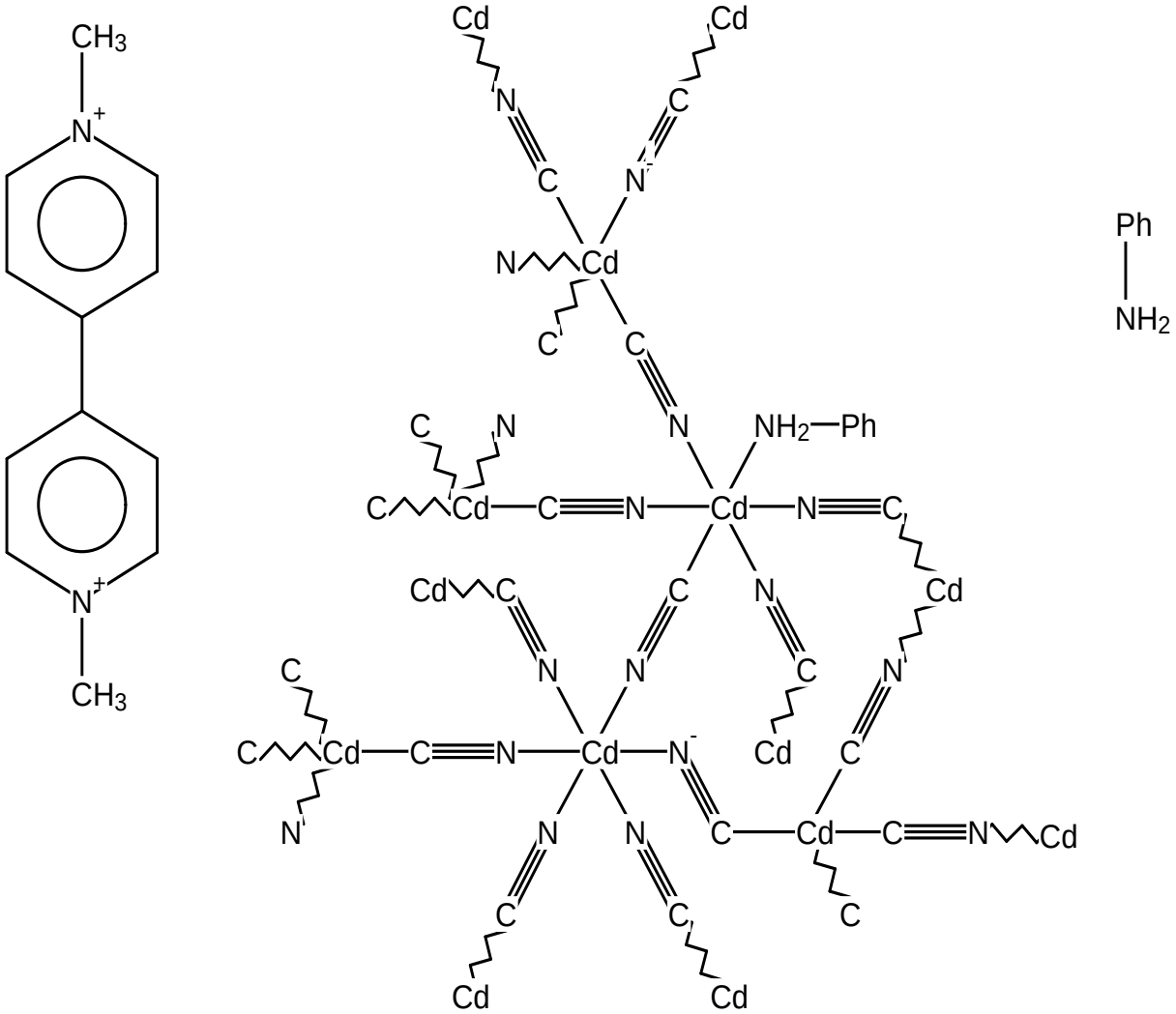
YAWFOS

Reference: H.Yoshikawa, S.Nishikiori (2005) *Dalton Trans.* ,3056

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{20}\ H_7\ Cd_6\ N_{15}\ ^{2-}),2n(C_6\ H_7\ N_1)$

Compound Name: catena-[tetradecakis(μ_2-Cyano)-anilino-hexa-cadmium(ii) methylviologen bis(aniline) clathrate]

Space Group:	P21/c	***Cell:***	***a***	8.896(1)	***b***	11.719(1)	***c***	52.414(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.73(0)	γ	90.00
R-Factor (%):	9.18	***Temperature(K):***	113		***Density(g/cm^3):***	1.845		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2977

YAYJOY

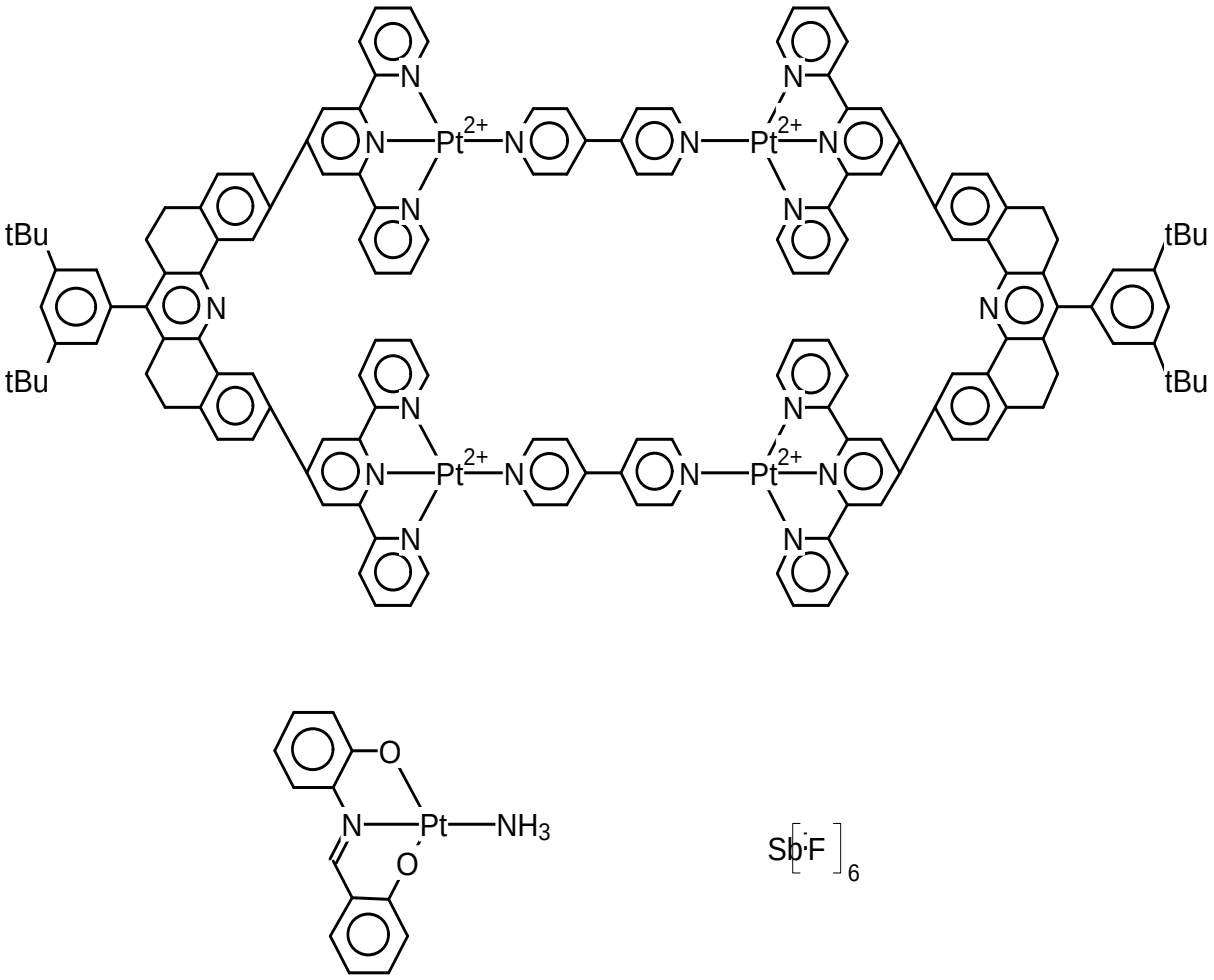
Reference: J.D.Crowley, I.M.Steele, B.Bosnich (2005)
Eur.J.Inorg.Chem. ,3907

Formula: $C_{150}\,H_{126}\,N_{18}\,Pt_4\,^{8+}$,2($C_{13}\,H_{12}\,N_2\,O_2\,Pt_1$),8($F_6\,Sb_1\,^{1-}$)

Compound Name: bis(μ_2-4,4'-Bipyridyl)-bis(μ_2-7-(3,5-bis(t-butyl)phenyl)-2,12-(2,6-bis(2-pyridyl)pyridin-4-yl)-5,6,8,9-tetrahydrodinaphthaleno[1,2-b:1',2'-e]pyridine)-tetra-platinum bis(ammine-(2-(2-oxybenzylideneamino)phenolato)-platinum) clathrate octakis(hexafluoroantimonate)

Space Group:	P-1	***Cell:***	***a***	13.886(10)	***b***	16.026(11)	***c***	35.670(30)
Space Group No.:	2	***(Å,°)***	α	77.13(1)	β	85.11(1)	γ	67.43(1)

R-Factor (%): 14.84 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.646



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2978

YAZHUD

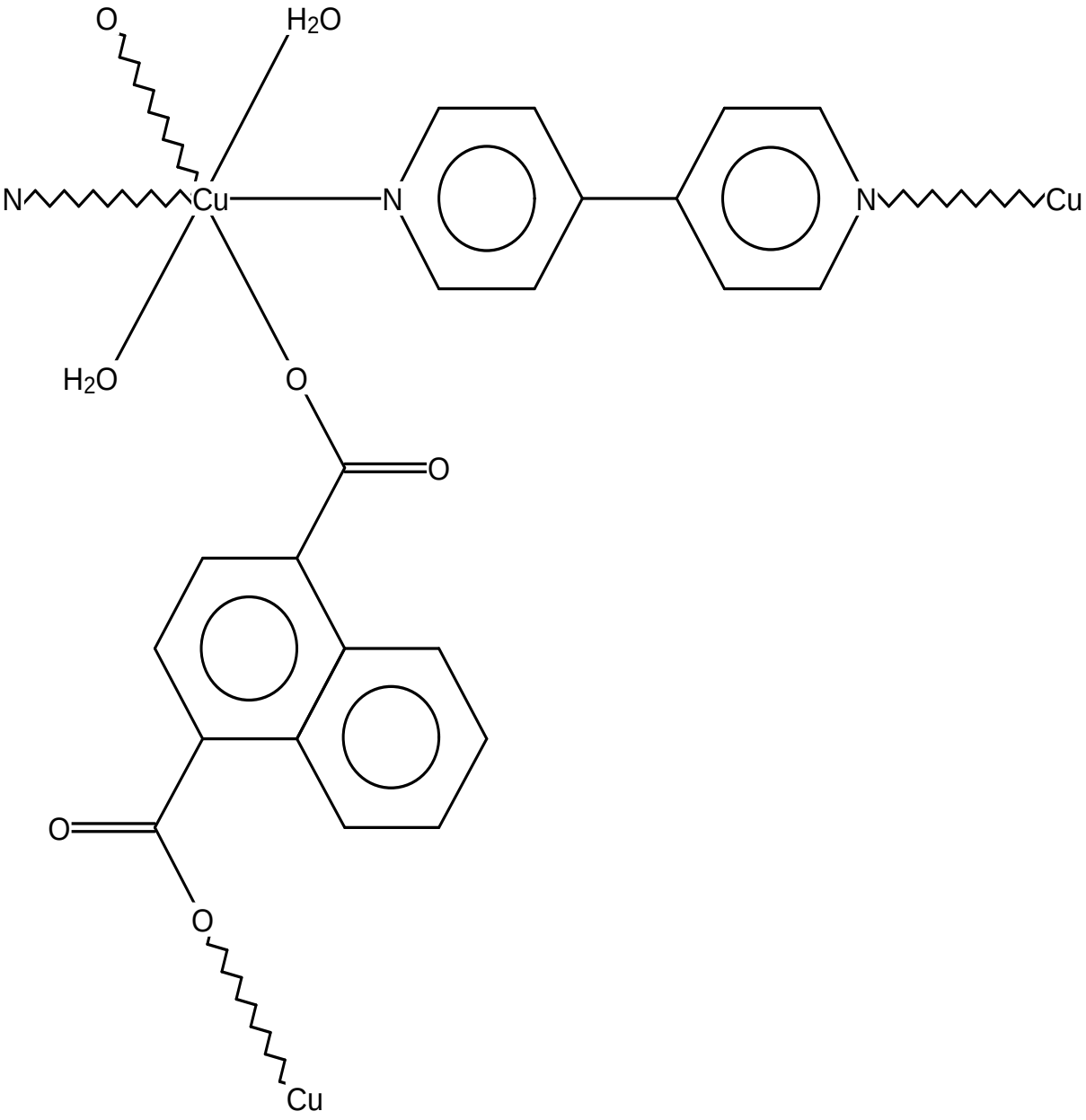
Reference: T.K.Maji, M.Ohba, S.Kitagawa (2005) *Inorg.Chem. ,***44,** 9225

Formula: $(C_{22}\ H_{18}\ Cu_1\ N_2\ O_6)n$

Compound Name: catena-(μ_2-4,4'-bipyridine-N,N')-(μ_2-1,4-naphthalenedicarboxylato-O,O')-diaqua-copper(ii))

Space Group:	P2/n	***Cell:***	***a***	11.028(19)	***b*** 11.160(30)	***c***	7.678(13)
Space Group No.:	13	***(Å,°)***	α	90.00	β 103.30(5)	γ	90.00

R-Factor (%): 7.51 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.697



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2979

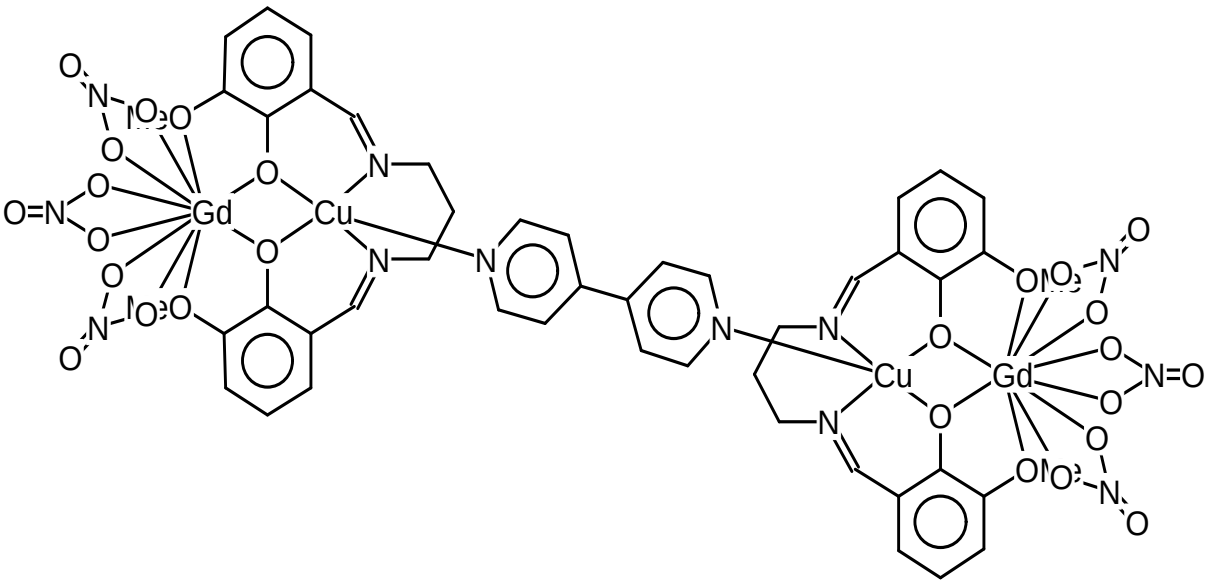
YEBNEZ

Reference: R.Gheorghe, P.Cucos, M.Andruh, J.-P.Costes, B.Donnadieu, S.Shova (2006) *Chem.-Eur.J. ,***12,**187

Formula: $C_{48}\ H_{48}\ Cu_2\ Gd_2\ N_{12}\ O_{26}$,2($C_2\ H_6\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-bis((μ_2-propane-1,3-bis(3-methoxysalicylideneiminato))-tris(nitrato-O,O')-copper(ii)-gadolinium(iii)) ethanol solvate

Space Group:	P-1	***Cell:***	***a***	9.307(2)	***b***	10.806(2)	***c*** 16.484(3)
Space Group No.:	2	***(Å,°)***	α	72.61(3)	β	82.09(3)	γ 74.31(3)
R-Factor (%):	2.23	***Temperature(K):***	180		***Density(g/cm^3):***		1.904



Et—OH

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2980

YECFAN

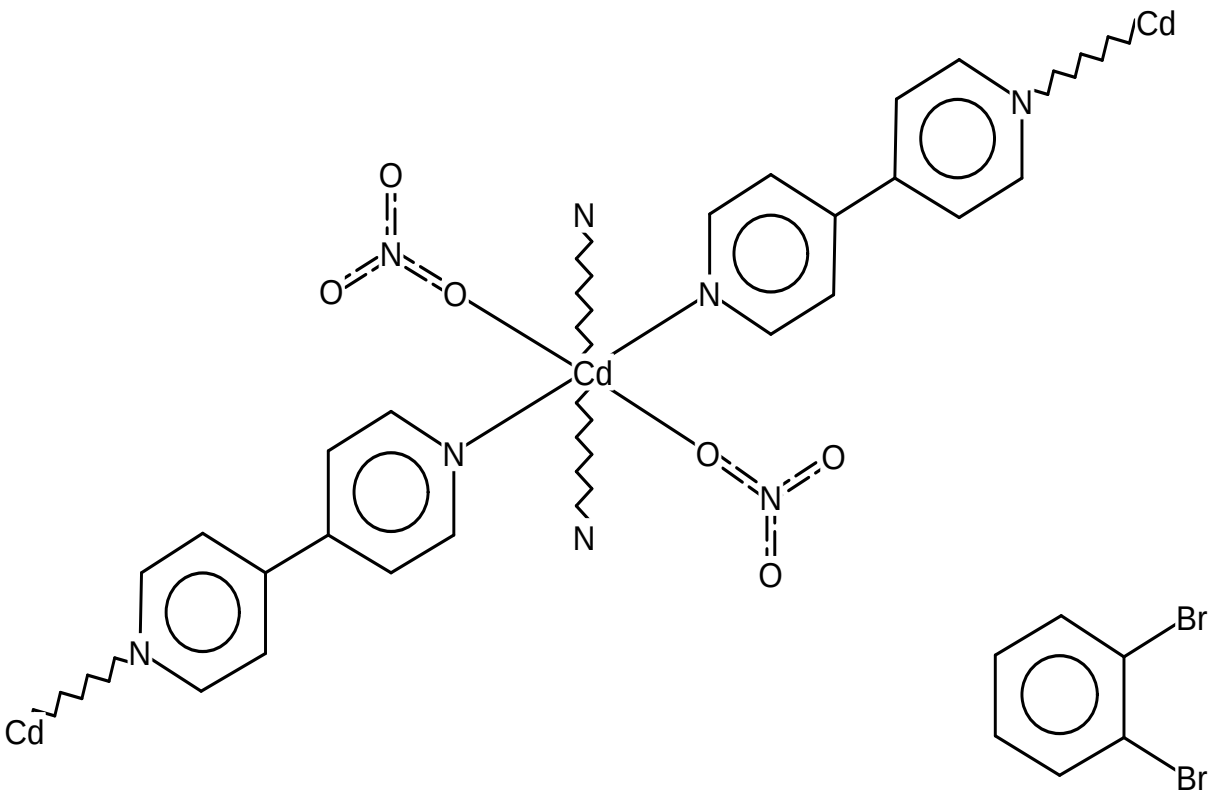
Reference: M.Fujita, Yoon Jung Kwon, S.Washizu, K.Ogura (1994) *J.Am.Chem.Soc. ,***116,**1151

Formula: $(C_{20}\ H_{16}\ Cd_1\ N_6\ O_6)n,2n(C_6\ H_4\ Br_2)$

Compound Name: catena-(bis(μ_3-4,4'-Bipyridine)-(dinitrato-O)-cadmium bis(o-dibromobenzene) clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.828(4)	***b*** 11.769(2)	***c***	13.878(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.54(1)	γ	90.00

R-Factor (%): 7.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.934



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2981

YECFAN01

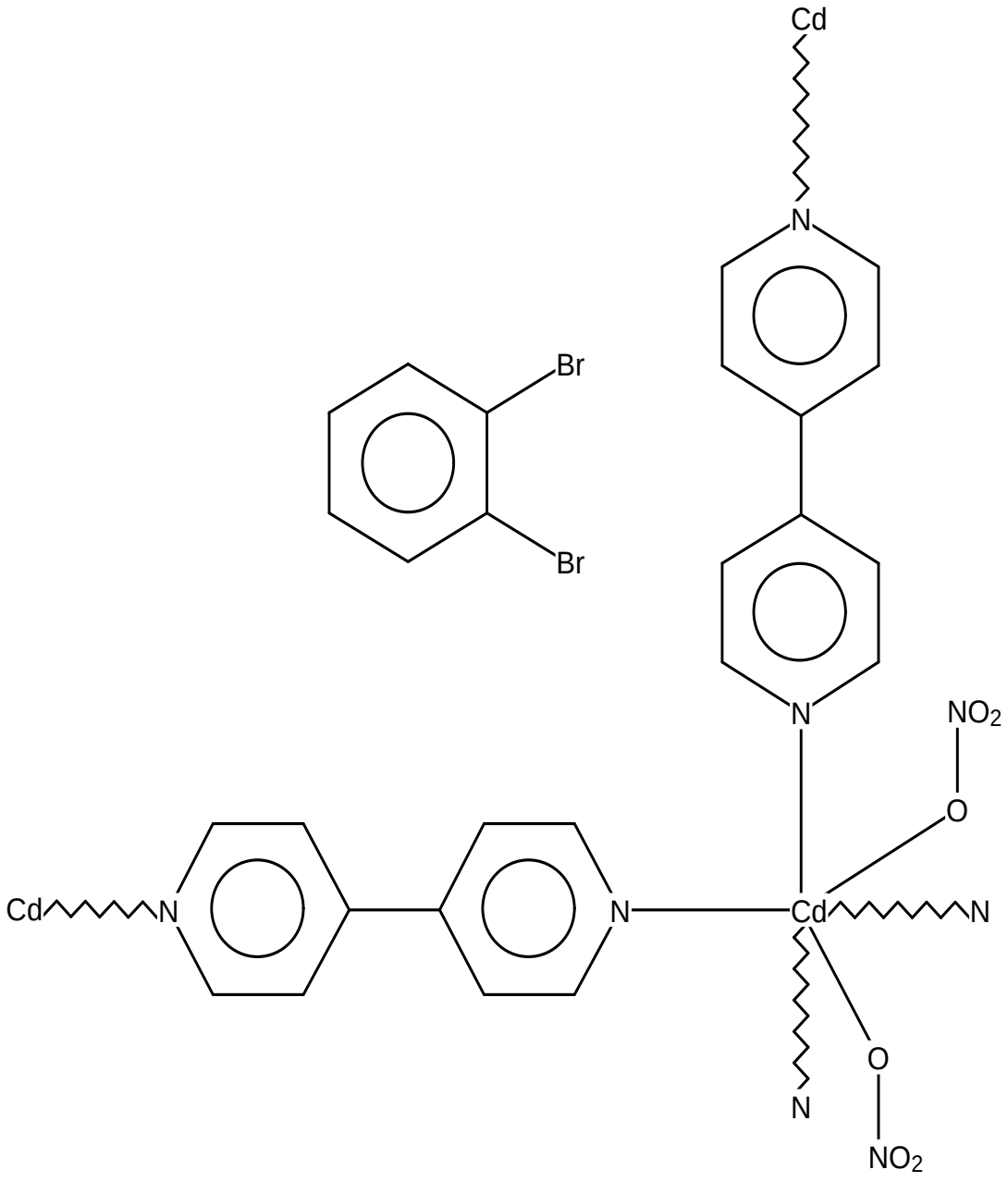
Reference: Yoon Jung Kwon (1996)
Hanguk Somyu Konghakhocchi(Kor.)(J.Korean Fiber Soc.) ,**33,**980

Formula: $(C_{20}\ H_{16}\ Cd_1\ N_6\ O_6)n,2n(C_6\ H_4\ Br_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(nitrato-O)-cadmium 1,2-dibromobenzene clathrate)

Space Group:	C2/c	***Cell:***	***a***	21.828(4)	***b*** 11.769(2)	***c***	13.878
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.54	γ	90.00

R-Factor (%): 7.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.934



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2982

YECNAW

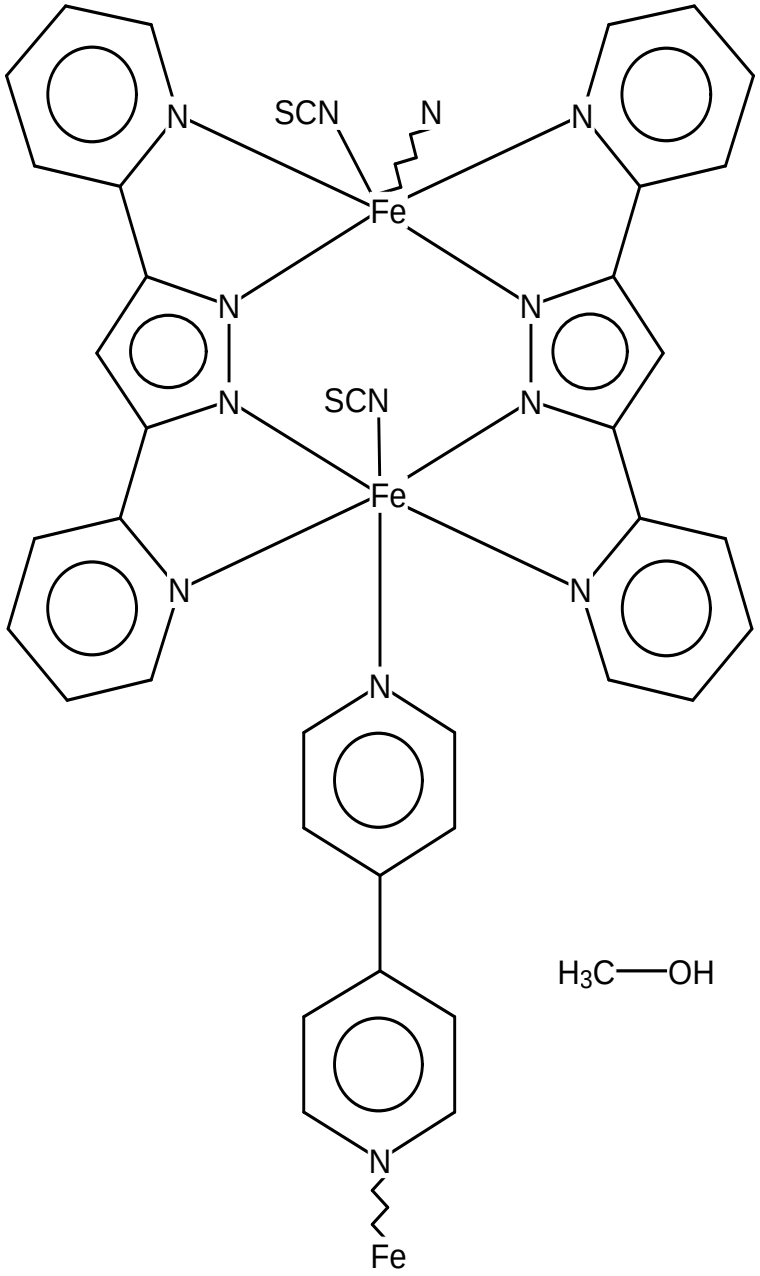
Reference: K.Yoneda, K.Adachi, S.Hayami, Y.Maeda, M.Katada, A.Fuyuhiro, S.Kawata, S.Kaizaki (2006) *Chem.Commun.* ,45

Formula: $(C_{38}\ H_{26}\ Fe_2\ N_{12}\ S_2)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_2-3,5-bis(2-Pyridyl)pyrazole-N,N',N'',N''')-(μ_2-4,4'-bipyridine)-bis(isothiocyanato)-di-iron(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	9.529(3)	***b***	10.386(4)	***c***	10.680(4)
Space Group No.:	2	***(Å,°)***	α	78.50(6)	β	73.16(5)	γ	70.91(5)

R-Factor (%): 4.75 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.501



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2983

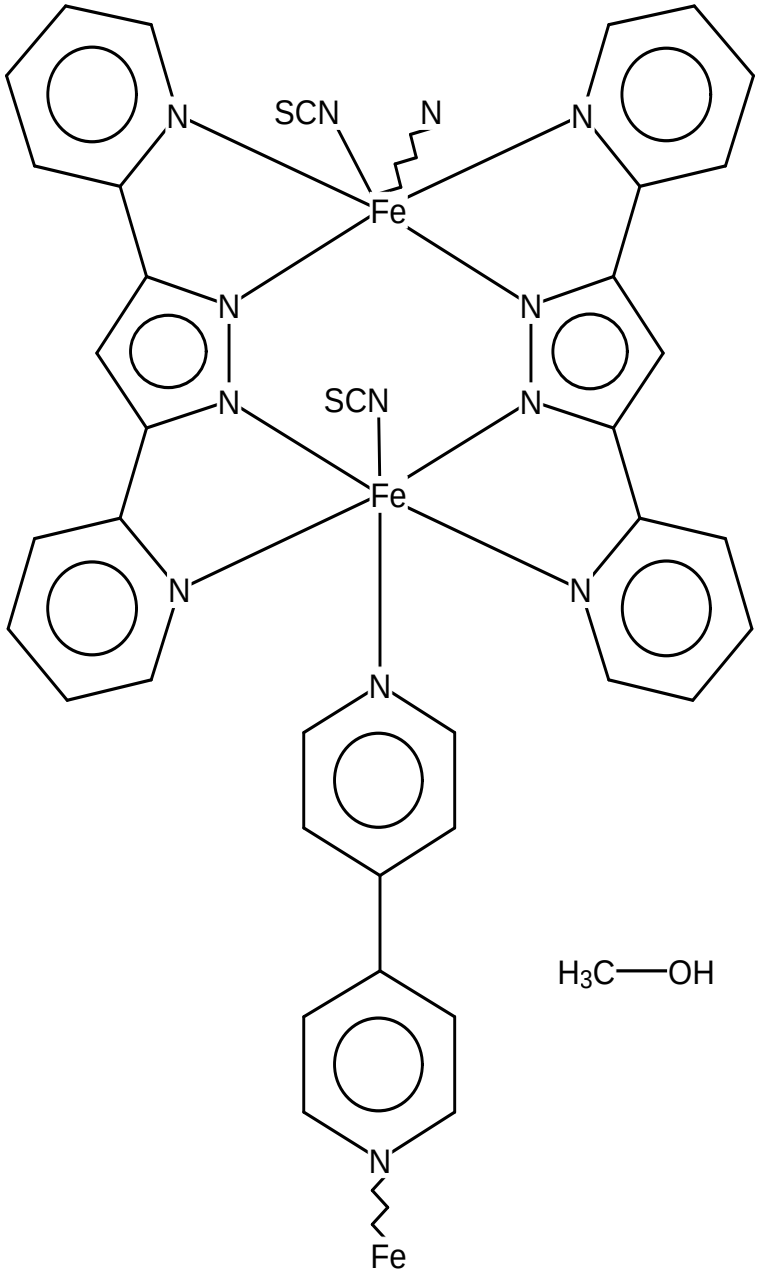
YECNAW01

Reference: K.Yoneda, K.Adachi, S.Hayami, Y.Maeda, M.Katada, A.Fuyuhiro, S.Kawata, S.Kaizaki (2006) *Chem.Commun.* ,45

Formula: $(C_{38}\ H_{26}\ Fe_2\ N_{12}\ S_2)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-(bis(μ_2-3,5-bis(2-Pyridyl)pyrazole-N,N',N'',N''')-(μ_2-4,4'-bipyridine)-bis(isothiocyanato)-di-iron(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a***	9.237(0)	***b***	10.273(2)	***c***	10.250(1)
Space Group No.:	2	***(Å,°)***	α	78.43(4)	β	73.91(4)	γ	71.16(4)
R-Factor (%):	6.61	***Temperature(K):***	150		***Density(g/cm^3):***		1.624	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2984

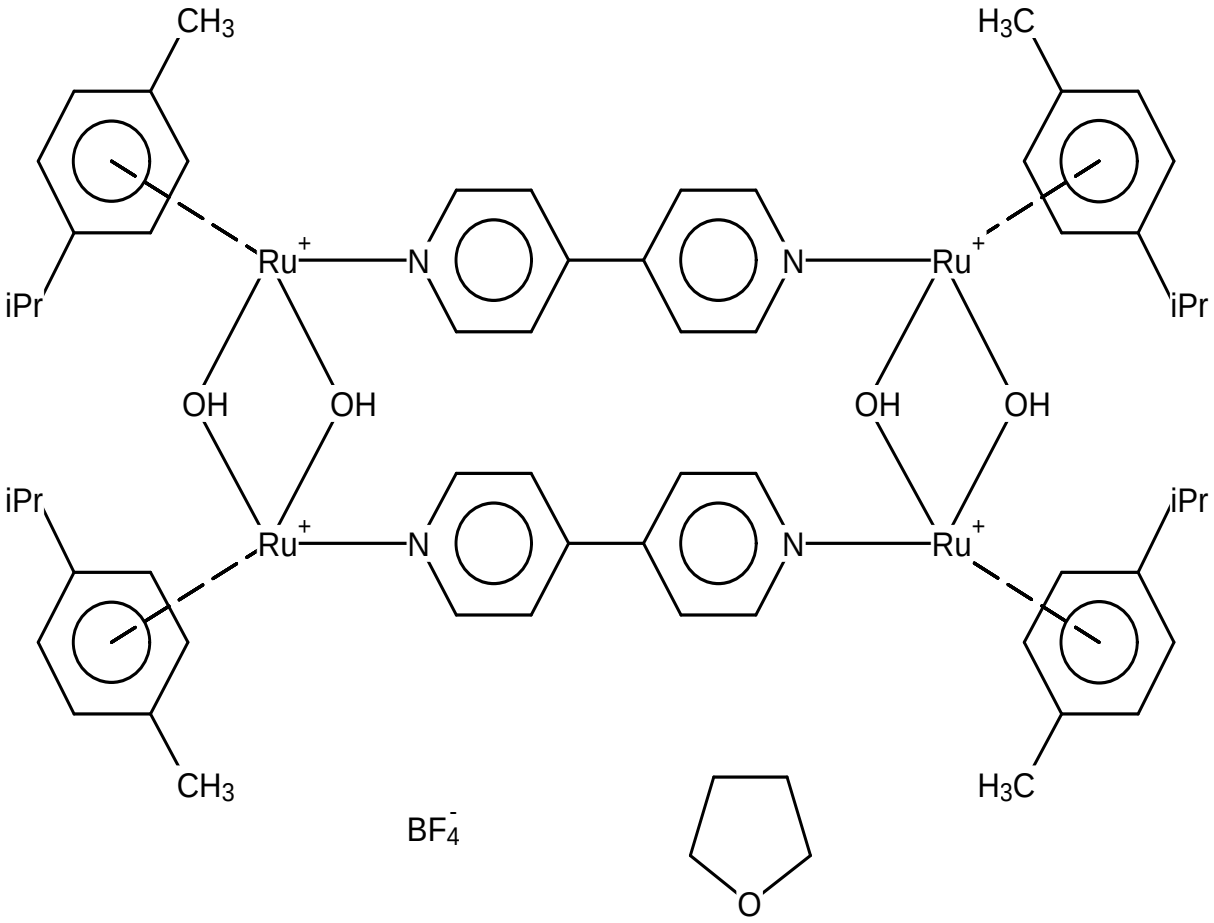
YECYUB

Reference: Qian-Feng Zhang, R.D.Adams, Wa-Hung Leung (2006) *Inorg.Chim.Acta* ,**359,**978

Formula: $C_{60}\ H_{76}\ N_4\ O_4\ Ru_4^{\ 4+}$,4($B_1\ F_4^{\ 1-}$),2($C_4\ H_8\ O_1$)

Compound Name: bis(μ_2-4,4'-Bipyridine)-tetrakis(μ_2-hydroxo)-tetrakis(η^6-p-cymene)-tetra-ruthenium(ii) tetrakis(tetrafluoroborate) tetrahydrofuran solvate

Space Group:	Pnn2	***Cell:***	***a***	25.761(0)	***b***	40.379(0)	***c***	10.982(0)
Space Group No.:	34	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	7.21	***Temperature(K):***	294		***Density(g/cm^3):***	1.581		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2985

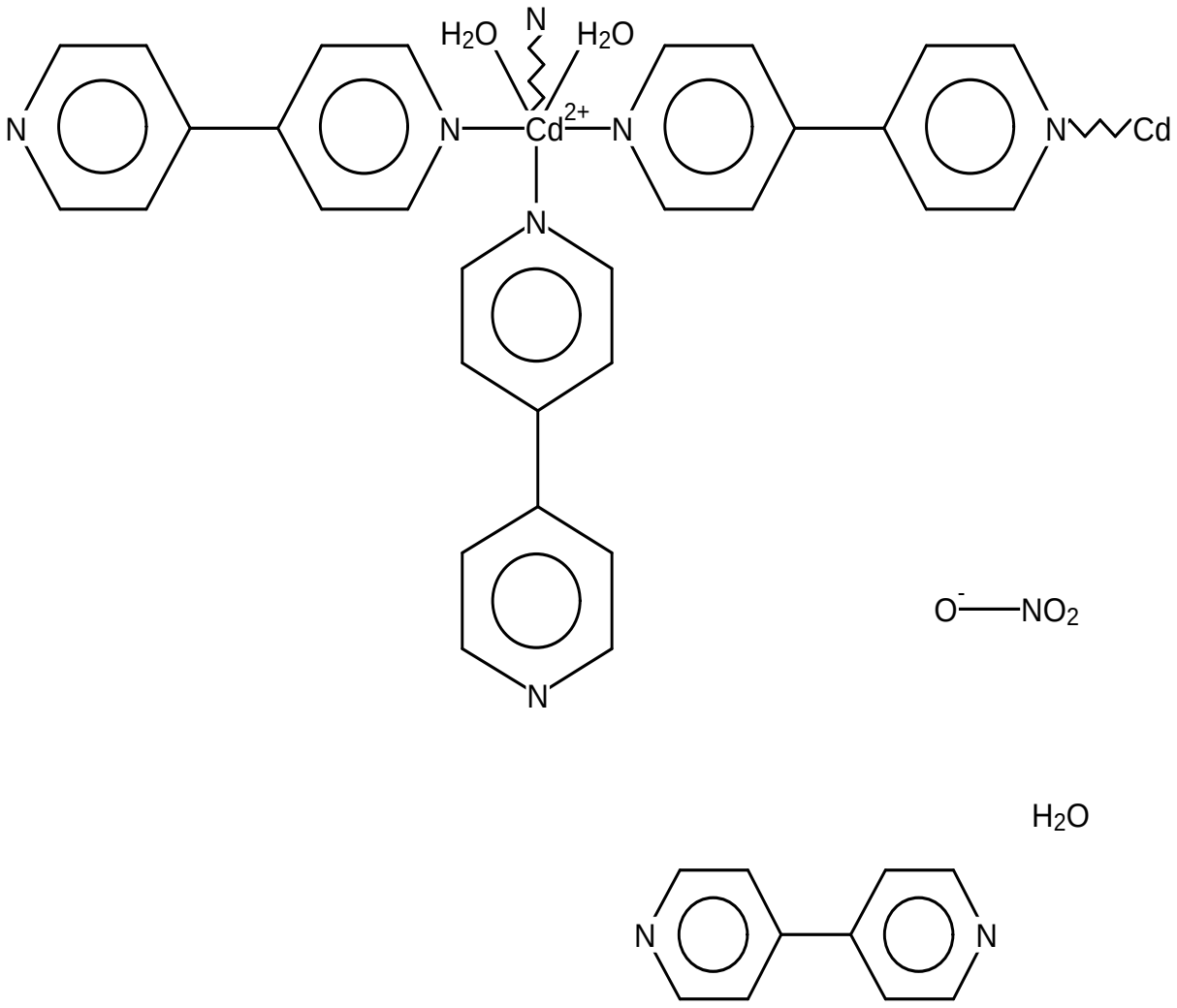
YEKQUA

Reference: M.Aoyagi, K.Biradha, M.Fujita (2000) *Bull.Chem.Soc.Jpn.* , **73,**1369

Formula: $(C_{30}\ H_{28}\ Cd_1\ N_6\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2n(C_{10}\ H_8\ N_2),4.5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-diaqua-bis(4,4'-bipyridyl)-cadmium(ii) dinitrate 4,4'-bipyridine solvate hydrate)

Space Group:	C2	***Cell:***	***a***	17.582(1)	***b***	11.741(1)	***c*** 24.836(2)
Space Group No.:	5	***(Å,°)***	α	90.00	β	94.32(0)	γ 90.00
R-Factor (%):	5.18	***Temperature(K):***	173		***Density(g/cm^3):***		1.474



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2986

YEKSIQ

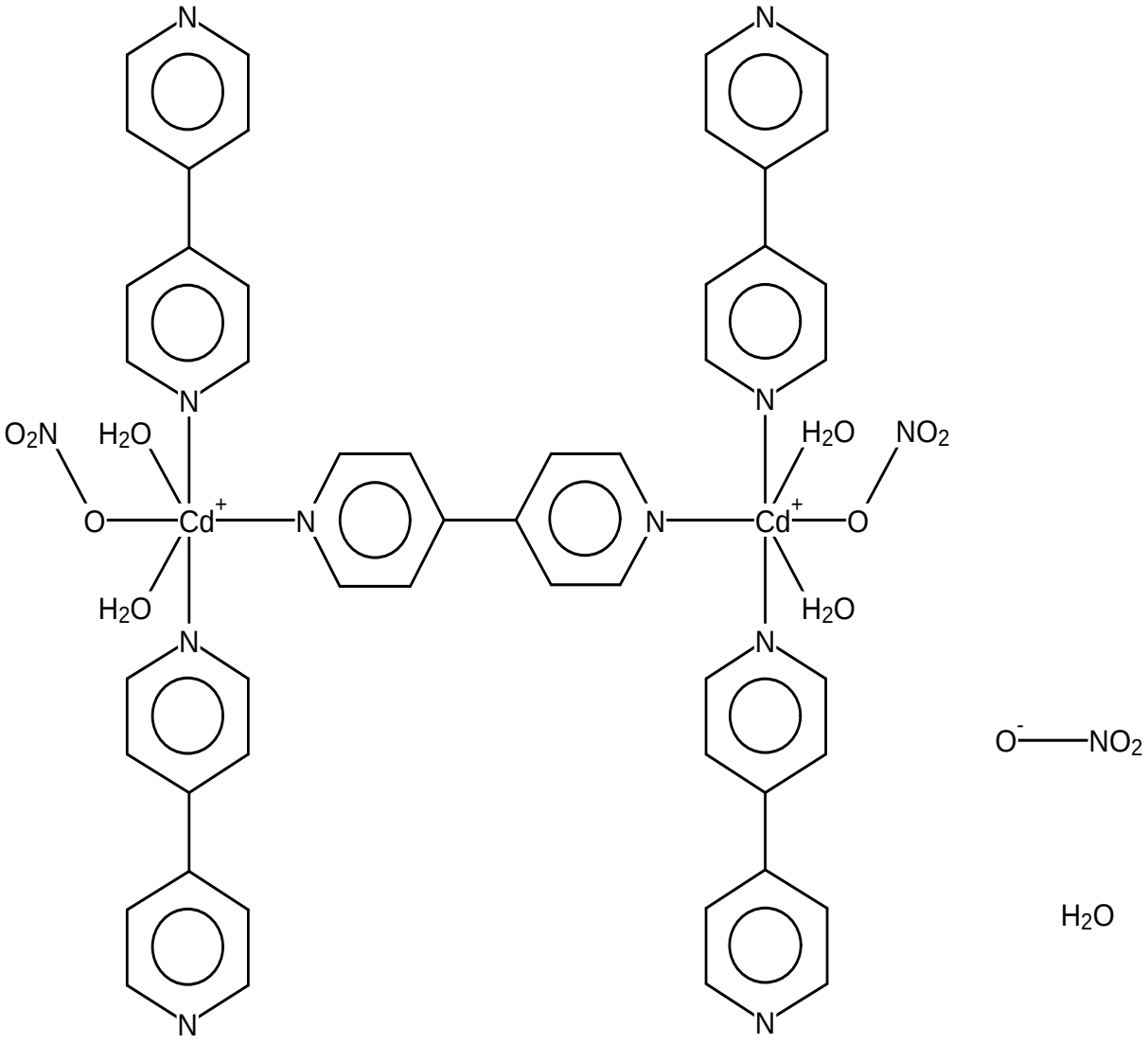
Reference: M.Aoyagi, K.Biradha, M.Fujita (2000) *Bull.Chem.Soc.Jpn.* , **73,**1369

Formula: $C_{50}\ H_{48}\ Cd_2\ N_{12}\ O_{10}\ ^{2+}$,2($N_1\ O_3\ ^{1-}$),4($H_2\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridyl)-tetra-aqua-bis(nitrato-O)-tetrakis(4,4'-bipyridyl)-di-cadmium(ii) dinitrate tetrahydrate

Space Group:	Pc	***Cell:***	***a***	12.473(1)	***b***	15.195(2)	***c***	15.390(2)
Space Group No.:	7	***(Å,°)***	α	90.00	β	96.63(0)	γ	90.00

R-Factor (%):	2.21	***Temperature(K):***	173	***Density(g/cm^3):***	1.602



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2987

YELWAO

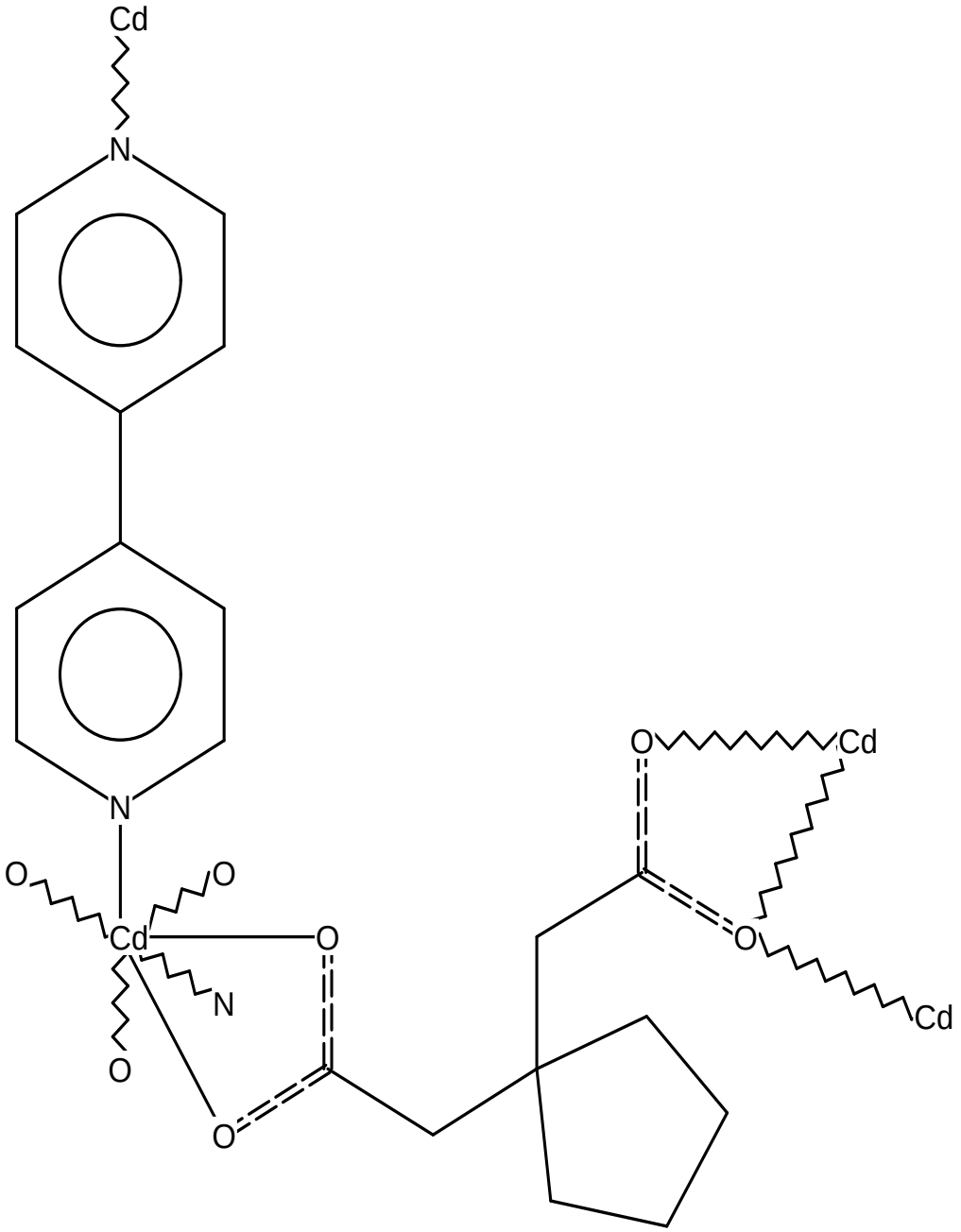
Reference: Feng Li, Taohai Li, Xiaoju Li, Xing Li, Yuling Wang, Rong Cao (2006) *Cryst.Growth Des.* ,**6,**1458

Formula: $(C_{19}\ H_{20}\ Cd_1\ N_2\ O_4)n$

Compound Name: catena-[(μ_3-3,3-Tetramethyleneglutarato)-(μ_2-4,4'-bipyridyl)-cadmium]

Space Group:	P3121	***Cell:***	***a***	11.908(0)	***b***	11.908(0)	***c***	21.104(2)
Space Group No.:	152	***(Å,°)***	α	90.00	β	90.00	γ	120.00

R-Factor (%): 4.19 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.741



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2988

YEPMUC

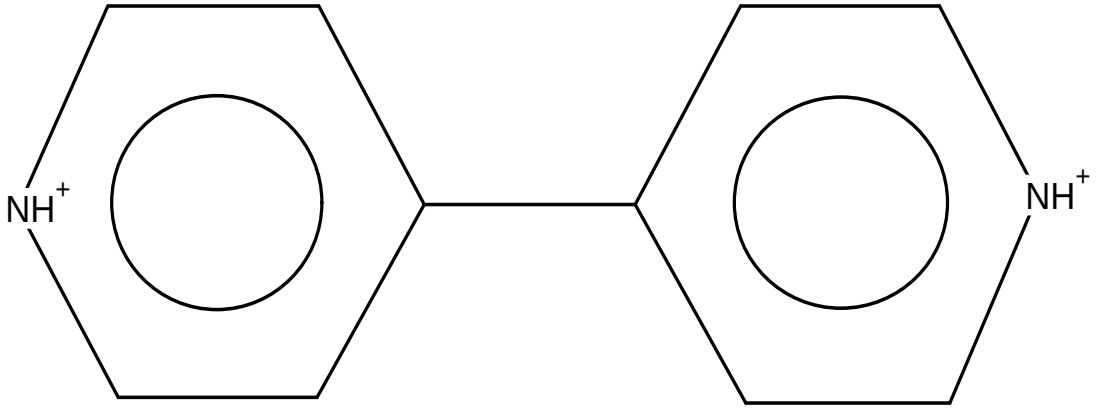
Reference: C.J.Adams, P.C.Crawford, A.G.Orpen, T.J.Podesta (2006) *Dalton Trans.* ,4078

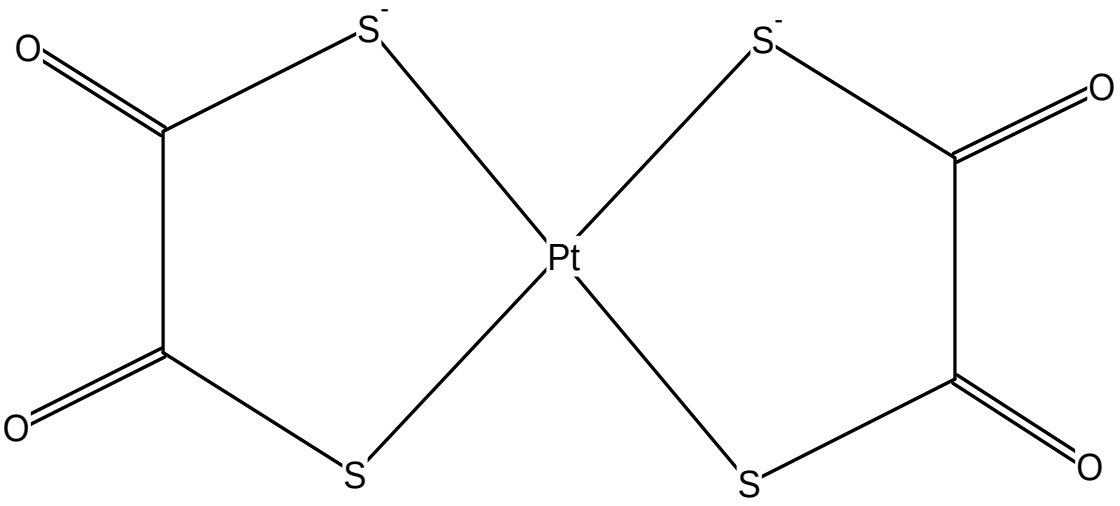
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},C_4\,O_4\,Pt_1\,S_4\,^{2-}$

Compound Name: 4,4'-Bipyridinium bis(dithio-oxalato)-platinum

Space Group:	P-1	***Cell:***	***a***	7.189(0)	***b*** 8.143(1)	***c***	8.419(1)
Space Group No.:	2	***(Å,°)***	α	84.25(0)	β 67.79(0)	γ	63.87(0)

R-Factor (%): 2.39 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.414





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2989

YERJEL

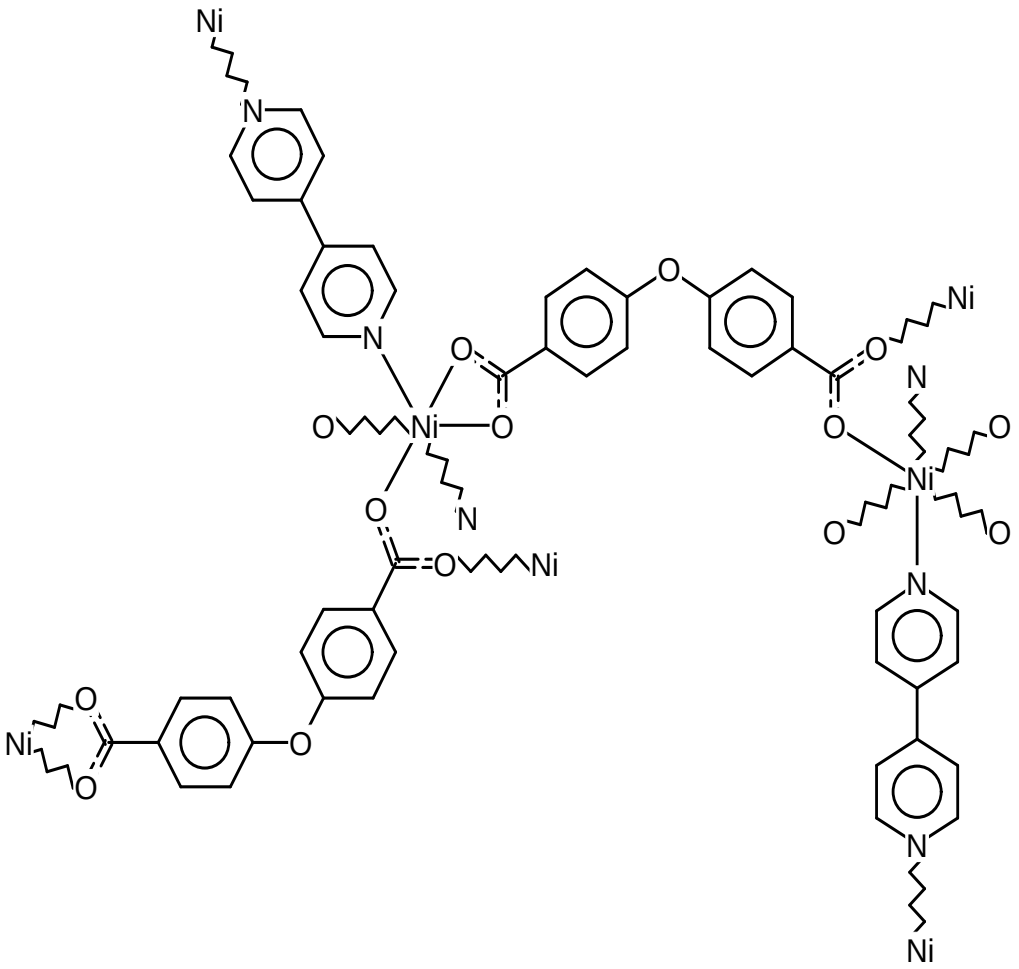
Reference: P.Mahata, G.Madras, S.Natarajan (2006) *J.Phys.Chem.B* , **110,**13759

Formula: $(C_{48}\ H_{32}\ N_4\ Ni_2\ O_{10})n,n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-4,4'-oxybis(benzoato)-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-di-nickel(ii) monohydrate)

Space Group:	P-1	***Cell:***	***a***	11.269(4)	***b***	11.270(4)	***c***	20.711(7)
Space Group No.:	2	***(Å,°)***	α	77.61(0)	β	77.60(0)	γ	64.73(0)

R-Factor (%): 7.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.386



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2990

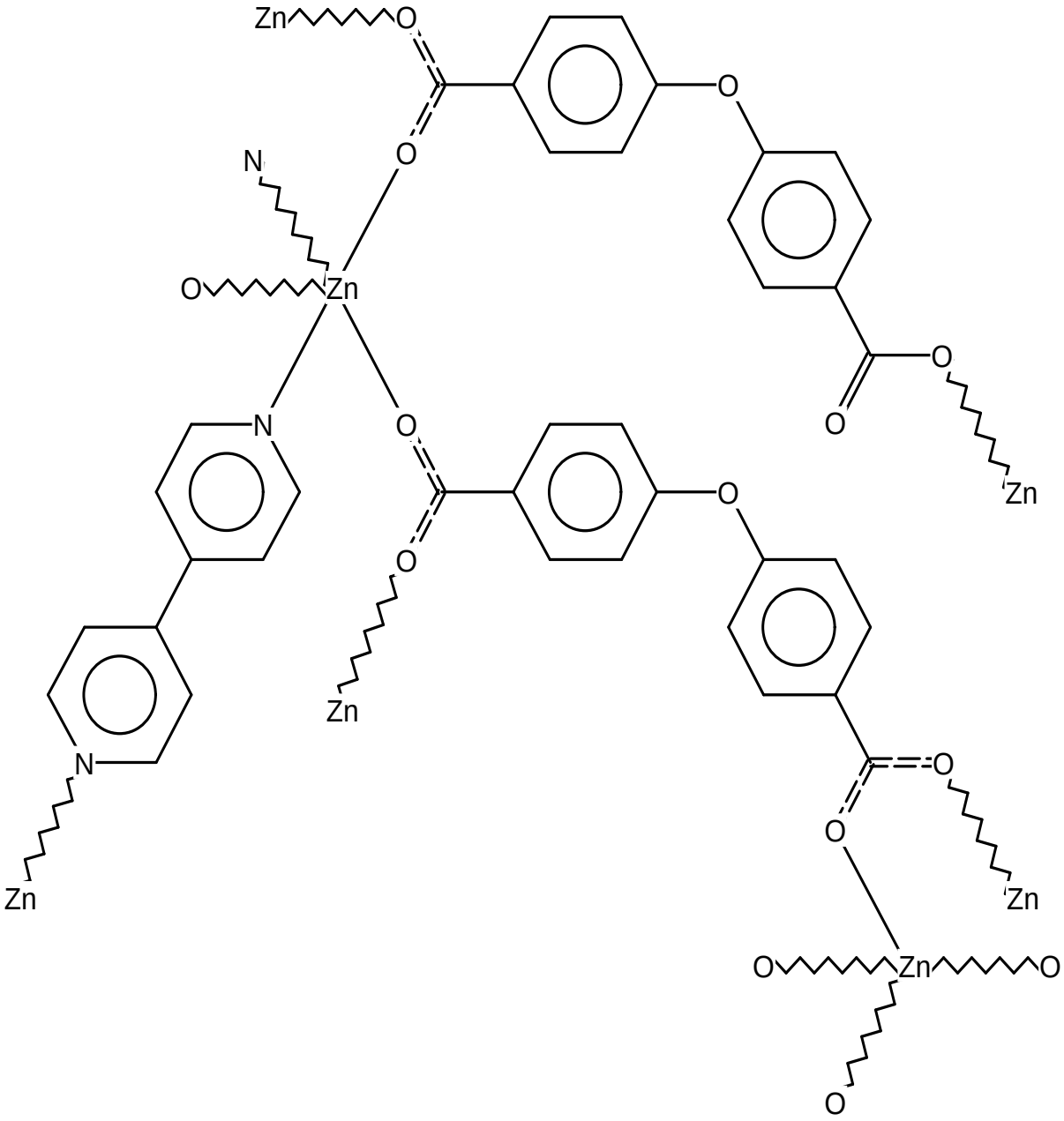
YERJIP

Reference: P.Mahata, G.Madras, S.Natarajan (2006) *J.Phys.Chem.B* , **110,**13759

Formula: $(C_{38}\ H_{24}\ N_2\ O_{10}\ Zn_2)n$

Compound Name: catena-((μ_4-4,4'-oxybis(benzoato)-O,O',O'',O''')-(μ_3-4,4'-oxybis(benzoato)-O,O',O'')-(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii))

Space Group:	P-1	***Cell:***	***a***	11.292(3)	***b***	12.339(3)	***c*** 14.413(3)
Space Group No.:	2	***(Å,°)***	α	94.86(0)	β	109.71(0)	γ 108.02(0)
R-Factor (%):	4.67	***Temperature(K):***	293	***Density(g/cm^3):***	1.511		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2991

YESFUY

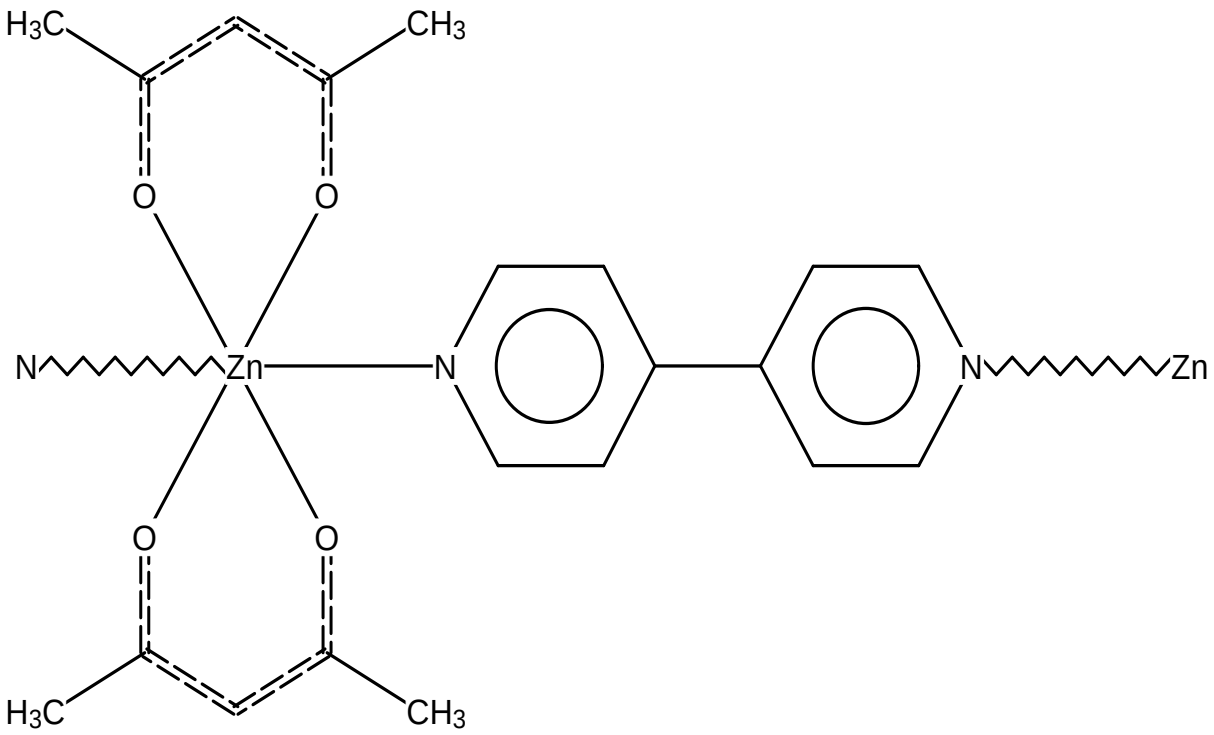
Reference: Bao-Hua Qian, Wei-Xing Ma, Lu-De Lu, Xu-Jie Yang, Xin Wang (2006) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**62,**m2818

Formula: $(C_{20}\ H_{22}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-bis(acetylacetonato-O,O')-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	11.366(10)	***b*** 14.914(14)	***c***	15.534(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β 132.00(4)	γ	90.00

R-Factor (%): 3.92 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.425



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2992

YESFUY01

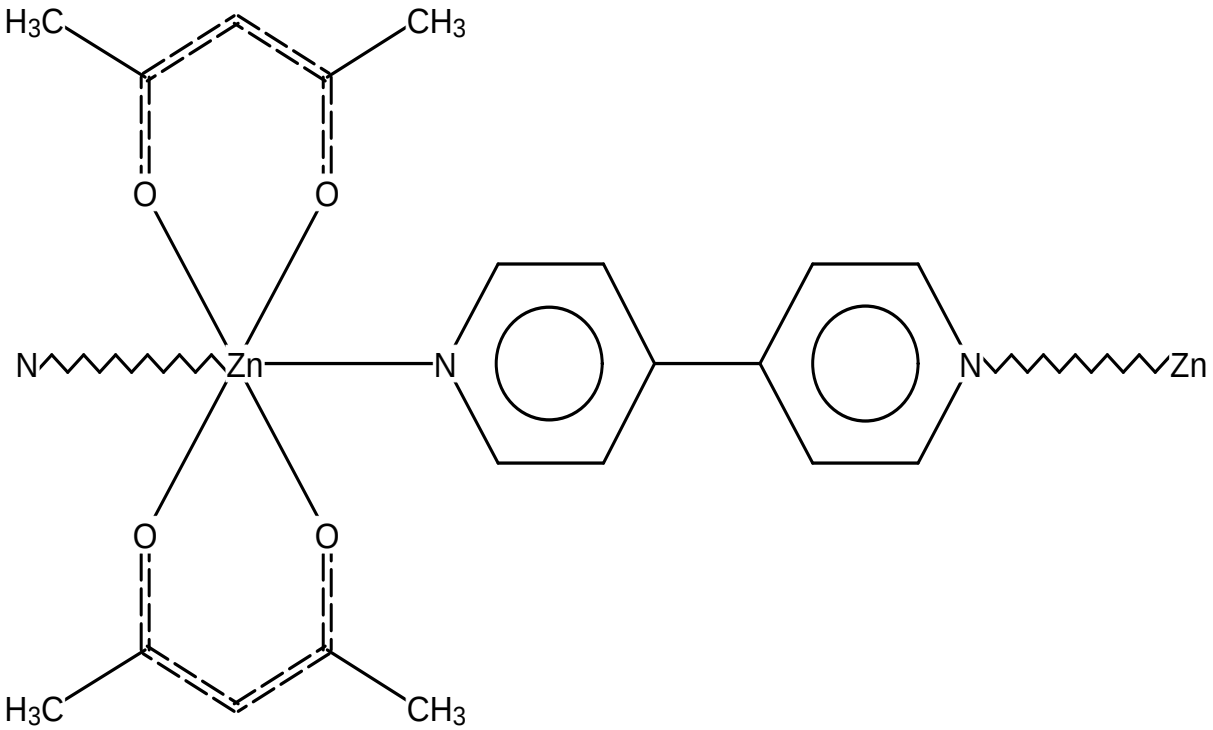
Reference: Bao-Hua Qian, Wei-Xing Ma, Xing-You Xu, Lu-De Lu, Xu-Jie Yang, Xin Wang (2008) *Wuli Huaxue Xuebao(Chin.)(Acta Phys.-Chim.Sin)* ,**24,**1650

Formula: $(C_{20}\ H_{22}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(acetylacetonato-O,O')-zinc(ii)]

Space Group:	P21/c	***Cell:***	***a***	11.366(10)	***b*** 14.914(14)	***c***	15.534(10)
Space Group No.:	14	***(Å,°)***	α	90.00	β 132.00(4)	γ	90.00

R-Factor (%): 3.92 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.425



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2993

YESFUY02

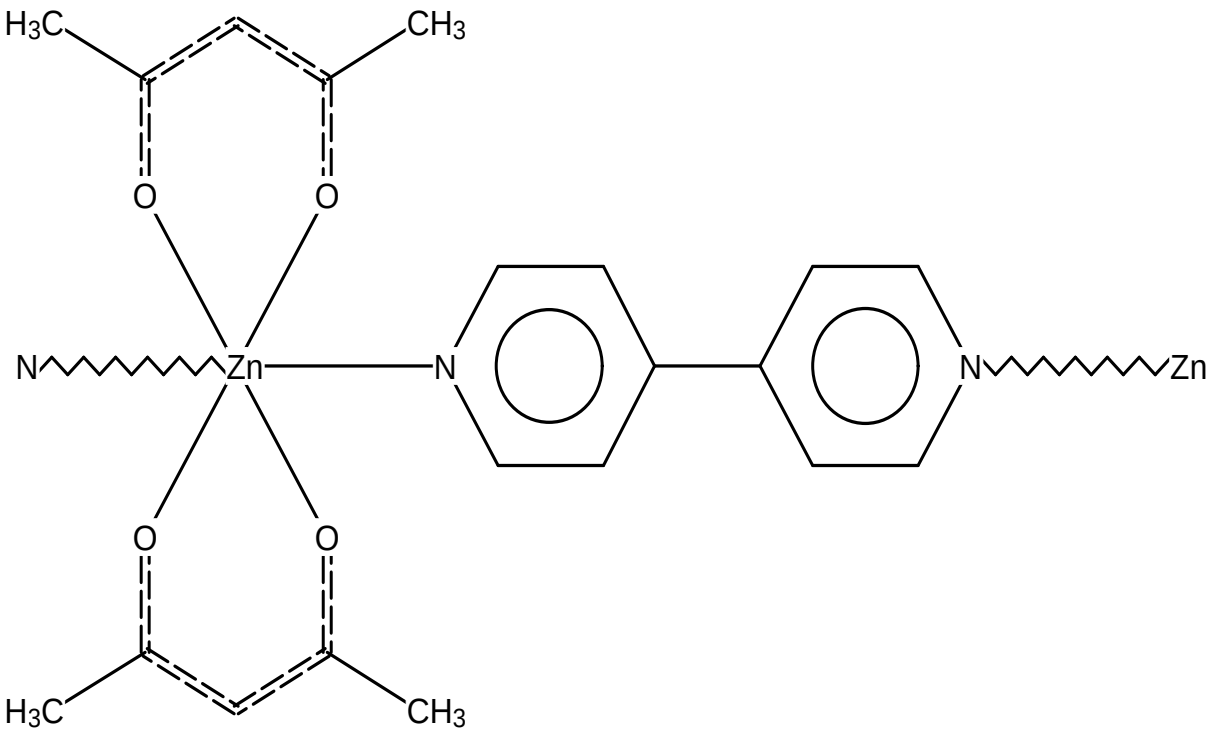
Reference: C.Gkioni, V.Psycharis, C.P.Raptopoulou (2009)
*Polyhedron ,***28,**3425

Formula: $(C_{20}\ H_{22}\ N_2\ O_4\ Zn_1)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(acetylacetonato)-zinc(ii))

Space Group:	P21	***Cell:***	***a***	7.750(3)	***b***	14.857(5)	***c*** 8.426(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β	91.21(1)	γ 90.00

R-Factor (%): 5.67 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.437



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2994

YEVKIU

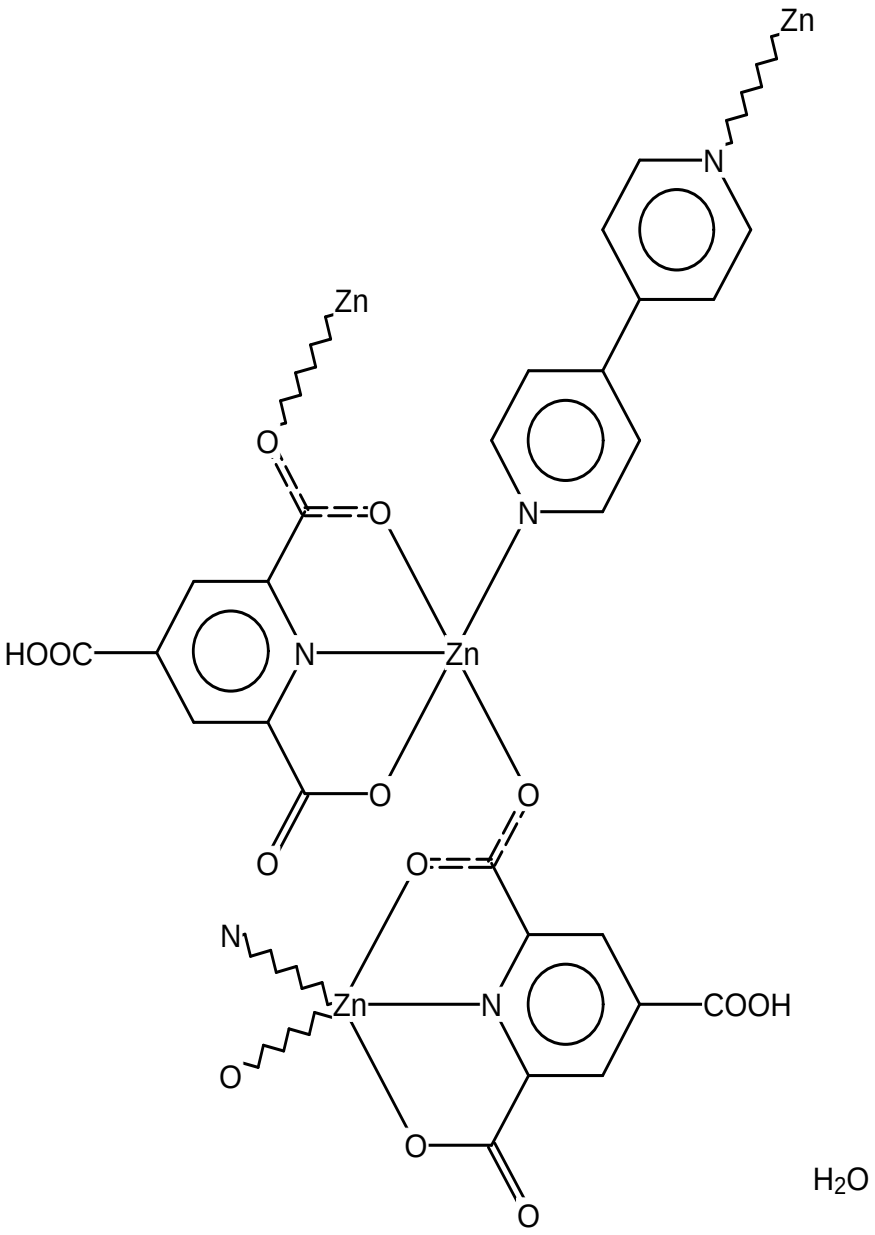
Reference: Jianguo Lin, Lili Wen, Shuangquan Zang, Yang Su, Zhenda Lu, Huizhen Zhu, Qingjin Meng (2007) *Inorg.Chem.Commun.* , **10,**74

Formula: $(C_{26}\ H_{14}\ N_4\ O_{12}\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena((μ$_2$-4,4'-bipyridine)-bis(μ$_2$-4-carboxypyridine-2,6-dicarboxylato)-di-zinc(ii) dihydrate)

Space Group:	P21/n	***Cell:***	***a***	11.595(3)	***b*** 7.147(2)	***c***	16.088(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 91.16(0)	γ	90.00

R-Factor (%): 5.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.847



Search: search1 (Thu May 26 10:05:42 2011): Hit 2995

YEYHAM

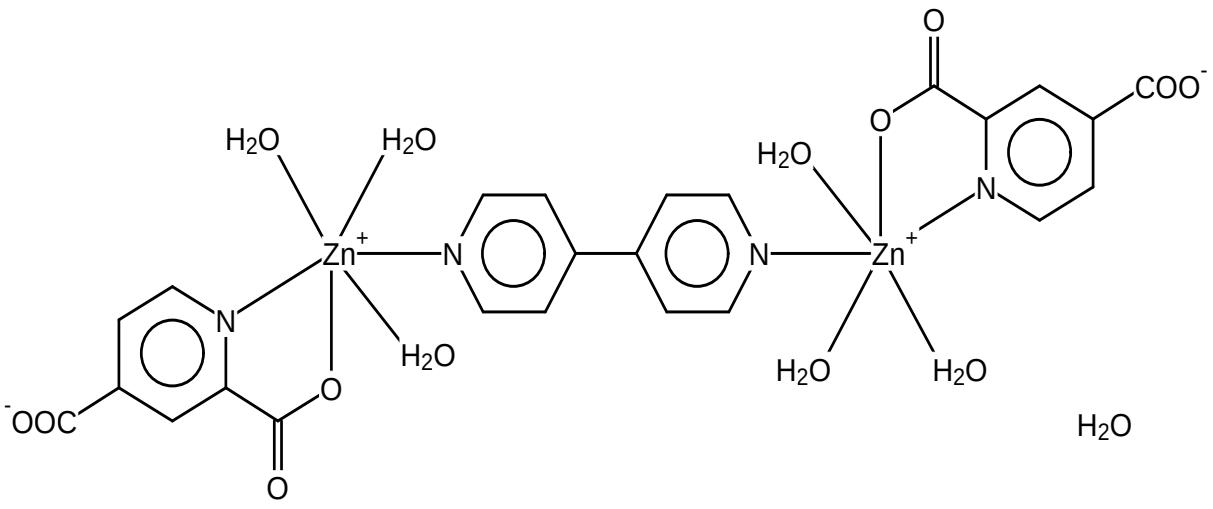
Reference: Xiu-Mei Li, Yan-Ling Niu, Qing-Wei Wang, Bo Liu (2007)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**63,**m487

Formula: $C_{24}\ H_{26}\ N_4\ O_{14}\ Zn_2,2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-bipyridine-N,N')-bis(triaqua-(pyridine-2,4-dicarboxylato-N,O)-zinc(ii)) dihydrate

Space Group:	P21/c	***Cell:***	***a***	10.023(2)	***b*** 13.941(3)	***c***	11.239(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β 106.48(0)	γ	90.00

R-Factor (%): 3.64 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.679



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2996

YEYLUJ

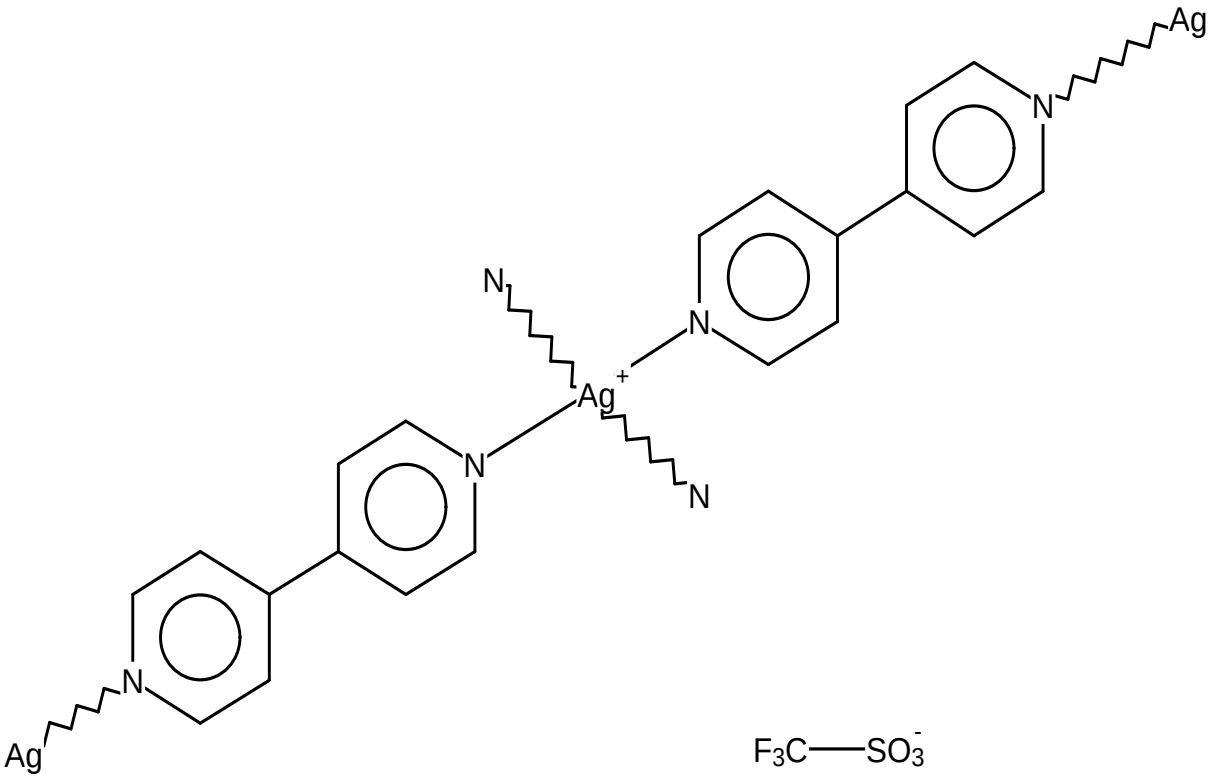
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1994)
Chem.Commun. ,2755

Formula: $(C_{20}\ H_{16}\ Ag_1\ N_4\ ^{1+})n,n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridiyl)-silver(i) trifluoromethanesulfonate)

Space Group:	Pbca	***Cell:***	***a***	16.119(2)	***b***	20.898(3)	***c***	13.325(2)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.73 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.685



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2997

YEYMAN

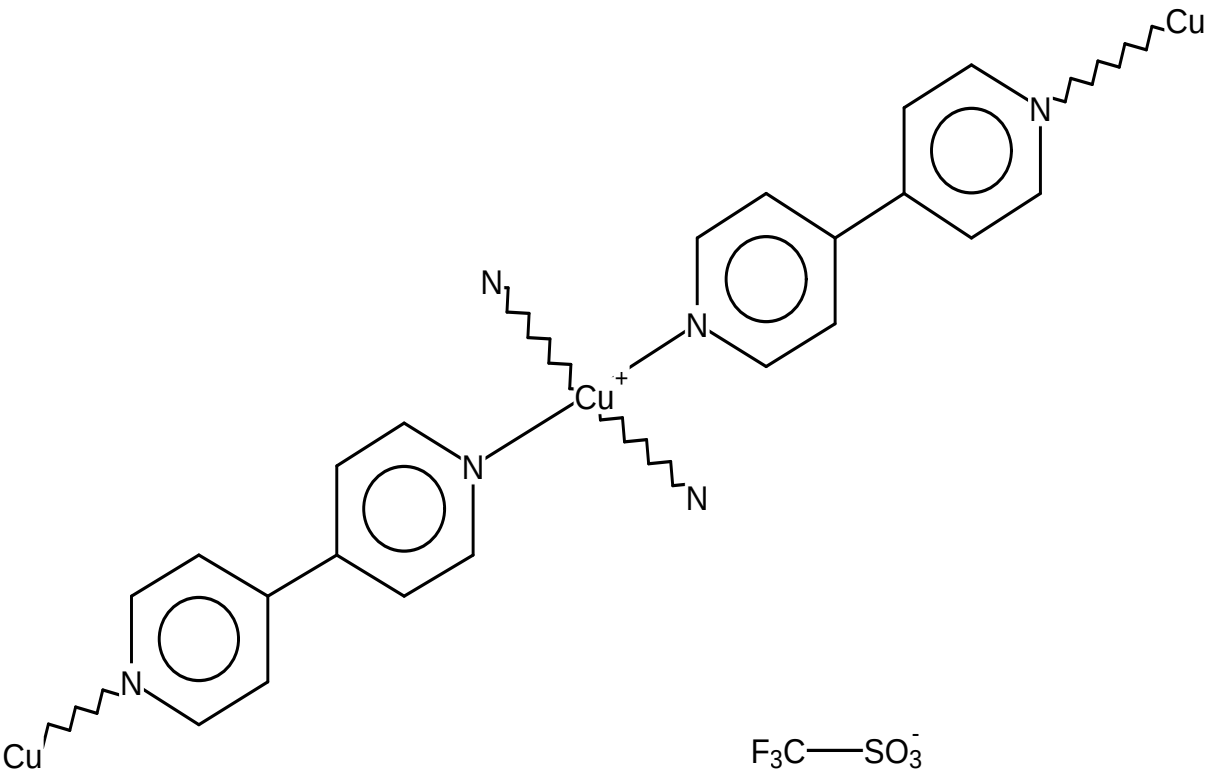
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, A.Sironi (1994)
Chem.Commun. ,2755

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+})n,n(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridiyl)-copper(i) trifluoromethanesulfonate)

Space Group:	P4/n	***Cell:***	***a***	13.367(2)	***b***	13.367(2)	***c*** 6.090(1)
Space Group No.:	85	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.602



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2998

YEYQID

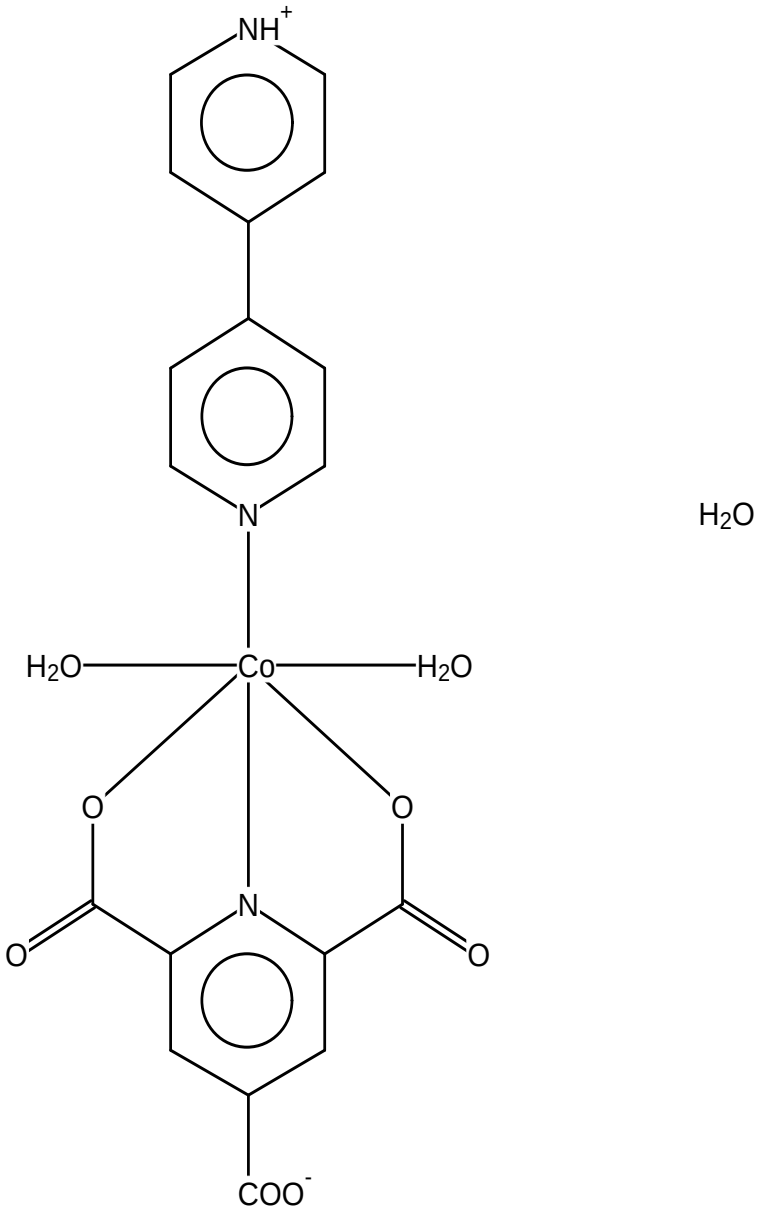
Reference: Cheng-Zhi Xie, Jian-Hua Qin, Jian-Ge Wang, Chang-Bin Li, Yong-Feng Li (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**63,**m498

Formula: $C_{18}\,H_{15}\,Co_1\,N_3\,O_8,2(H_2\,O_1)$

Compound Name: Diaqua-(pyridine-2,4,6-tricarboxylato-κ^3N,O^2,O^6)-(4-(4-pyridyl)pyridinium-κN^1)-cobalt(ii) dihydrate

Space Group:	P-1	***Cell:***	***a***	8.671(0)	***b***	10.773(1)	***c*** 11.570(1)
Space Group No.:	2	***(Å,°)***	α	95.80(0)	β	96.60(0)	γ 110.55(0)

R-Factor (%): 2.82 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.659



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 2999

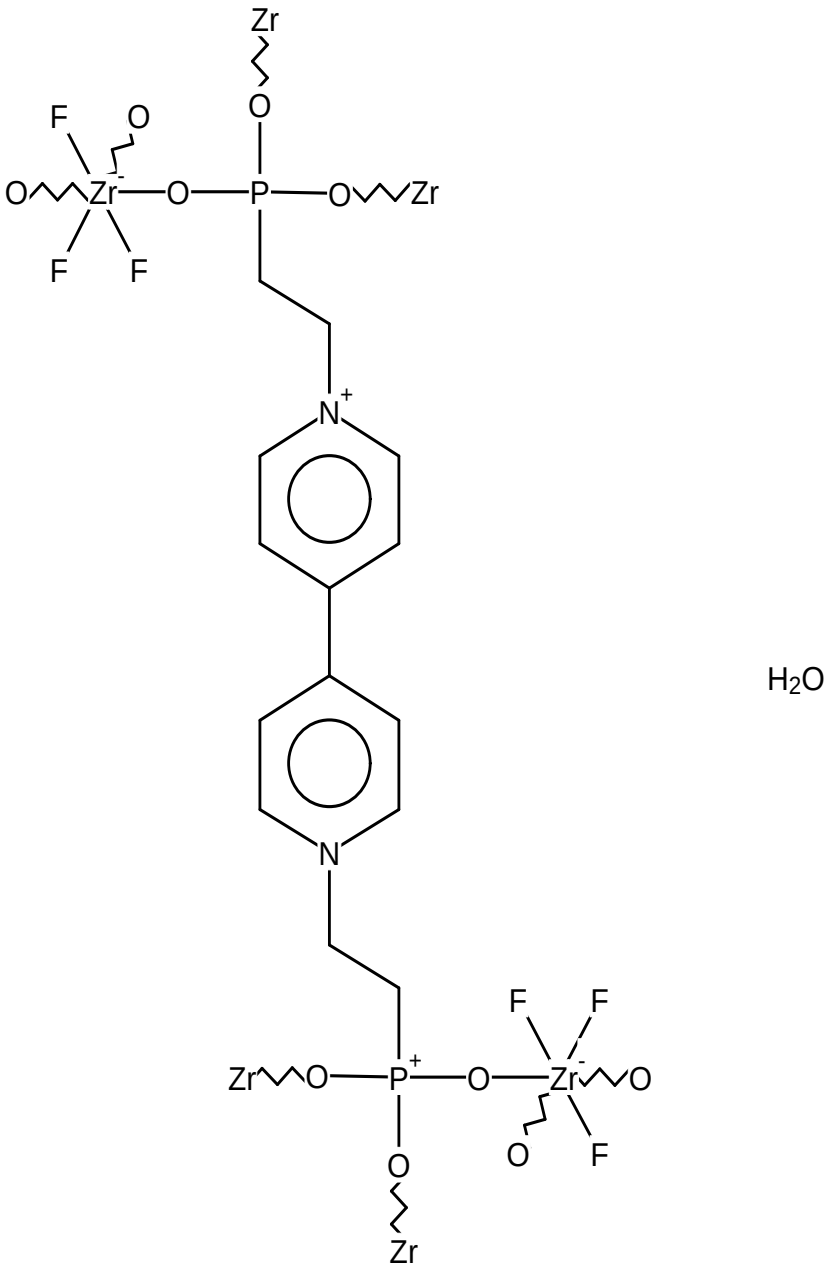
YIBCER

Reference: D.M.Poojary, L.A.Vermeulen, E.Vicenzi, A.Clearfield, M.E.Thompson (1994) *Chem.Mater.* ,**6,**1845

Formula: $(C_{14}\ H_{16}\ F_6\ N_2\ O_6\ P_2\ Zr_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_6-1,1'-bis(Phosphonatoethyl)-4,4'bipyridinium)-bis(trifluoro-zirconium) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	6.668(0)	***b*** 12.587(0)	***c***	13.584(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.74(0)	γ	90.00
R-Factor (%):	5.30	***Temperature(K):***	295		***Density(g/cm^3):***		2.091



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3000

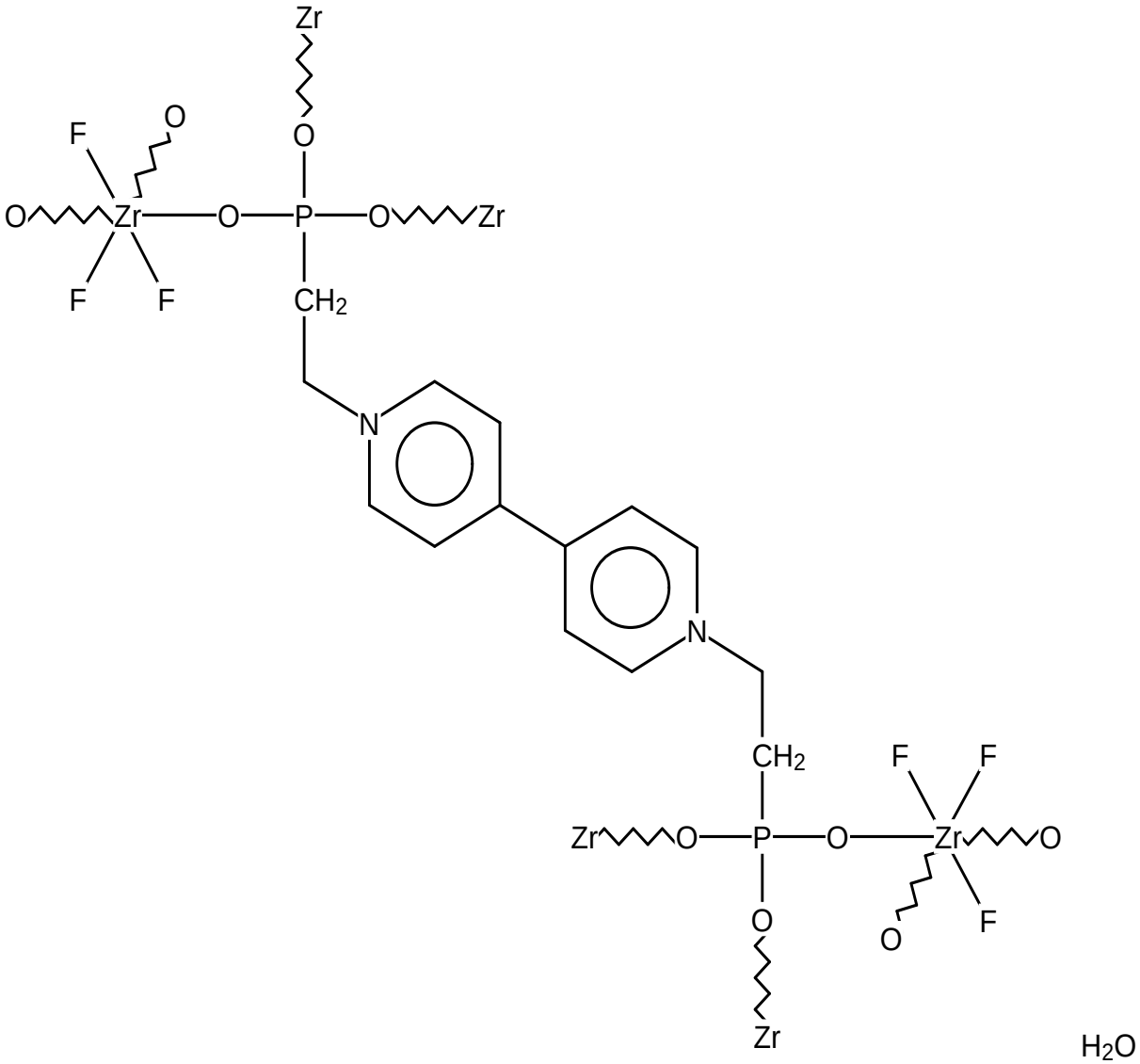
YIBCER10

Reference: D.M.Poojary, A.Clearfield (1996) *J.Organomet.Chem.* ,**512,** 237

Formula: $(C_{14}\ H_{16}\ F_6\ N_2\ O_6\ P_2\ Zr_2)n,2n(H_2\ O_1)$

Compound Name: catena-((μ_6-4,4'-Bipyridinium-1,1'-bis(ethyl-2-phosphonato))-hexafluoro-di-zirconium dihydrate)

Space Group:	P21/c	***Cell:***	***a*** 6.651(2)	***b*** 12.550(3)	***c*** 13.486(7)
Space Group No.:	14	***(Å,°)***	α 90.00	β 101.65(4)	γ 90.00
R-Factor (%):	5.40	***Temperature(K):***	295	***Density(g/cm^3):***	2.117



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3001

YIBHEW

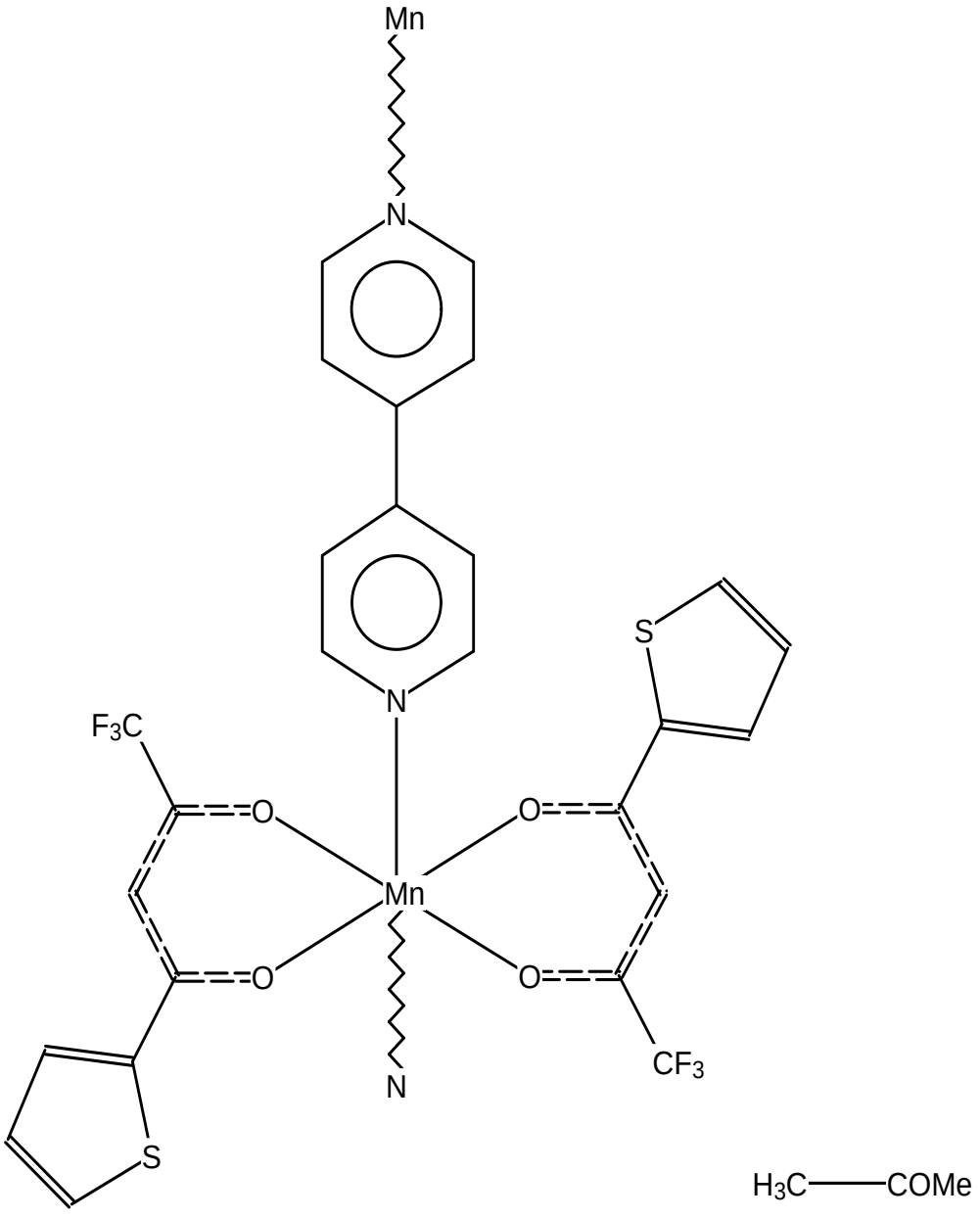
Reference: Ming-Xing Li, Zheng Xu, Xiao-Zeng You, Cheng-Gang Chen (1994) *Huaxue Xuebao(Chin.)(Acta Chim.Sinica)* , **52,**274

Formula: $(C_{26}\ H_{16}\ F_6\ Mn_1\ N_2\ O_4\ S_2)n,2n(C_3\ H_6\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(theonoyltrifluoroacetonato-O,O')-manganese(ii) acetone solvate)

Space Group:	P-1	***Cell:***	***a***	9.549(2)	***b***	9.600(3)	***c***	11.556(3)
Space Group No.:	2	***(Å,°)***	α	65.99(3)	β	83.96(4)	γ	68.89(3)

R-Factor (%): 6.70 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.417



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3002

YIDJEB

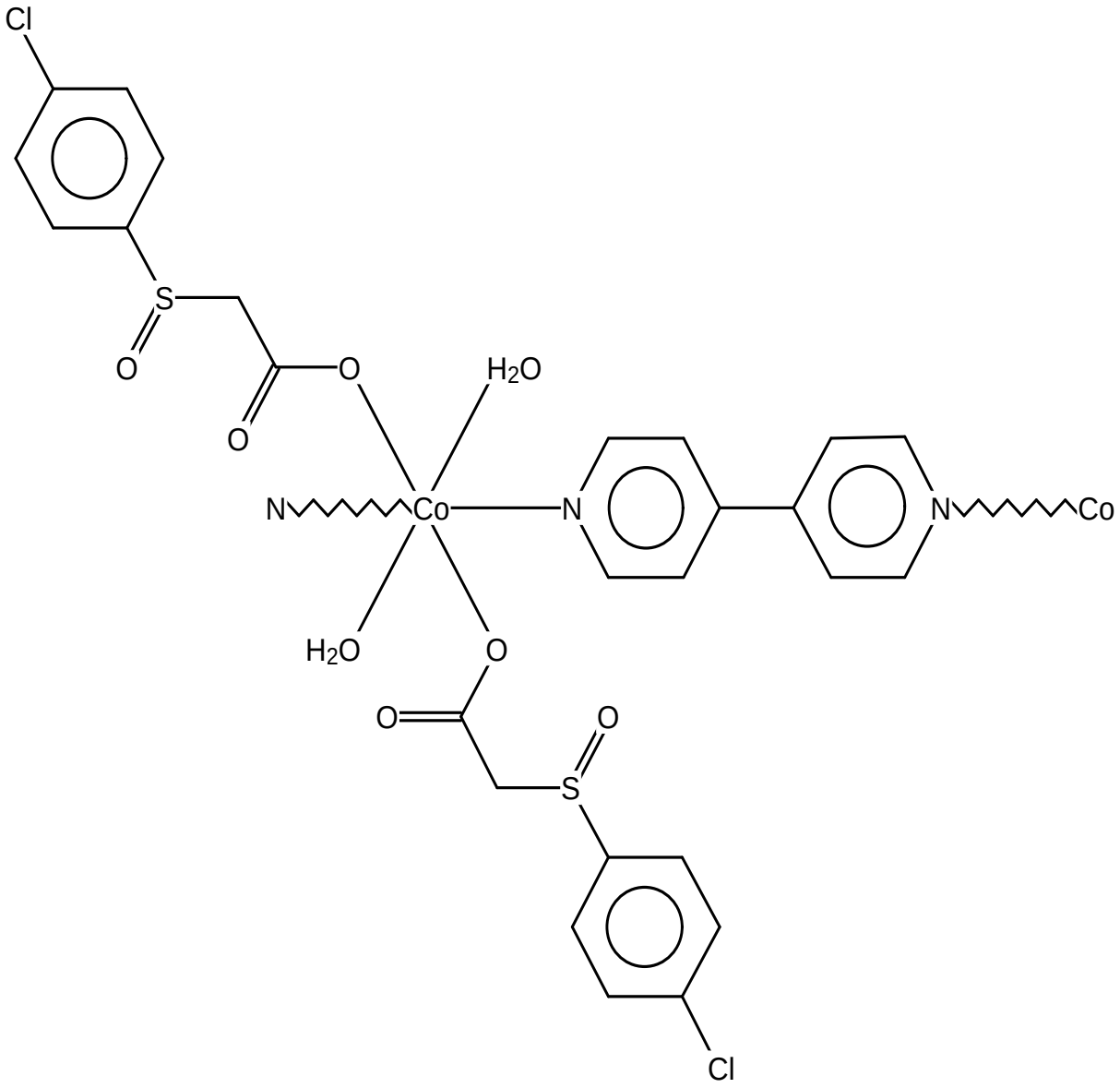
Reference: Yan-Jun Hou, Ying-Hui Yu, Zhi-Zhong Sun, Bai-Yan Li, Guang-Feng Hou (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* , **63,**m1560

Formula: $(C_{26}\ H_{24}\ Cl_2\ Co_1\ N_2\ O_8\ S_2)n$

Compound Name: catena-((μ_2-4,4'-bipyridine)-diaqua-bis((4-chlorophenylsulfinyl)acetato)-cobalt(ii))

Space Group:	Fdd2	***Cell:***	***a***	20.129(4)	***b***	25.466(5)	***c*** 11.413(2)
Space Group No.:	43	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.03 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.559



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3003

YIDSAF

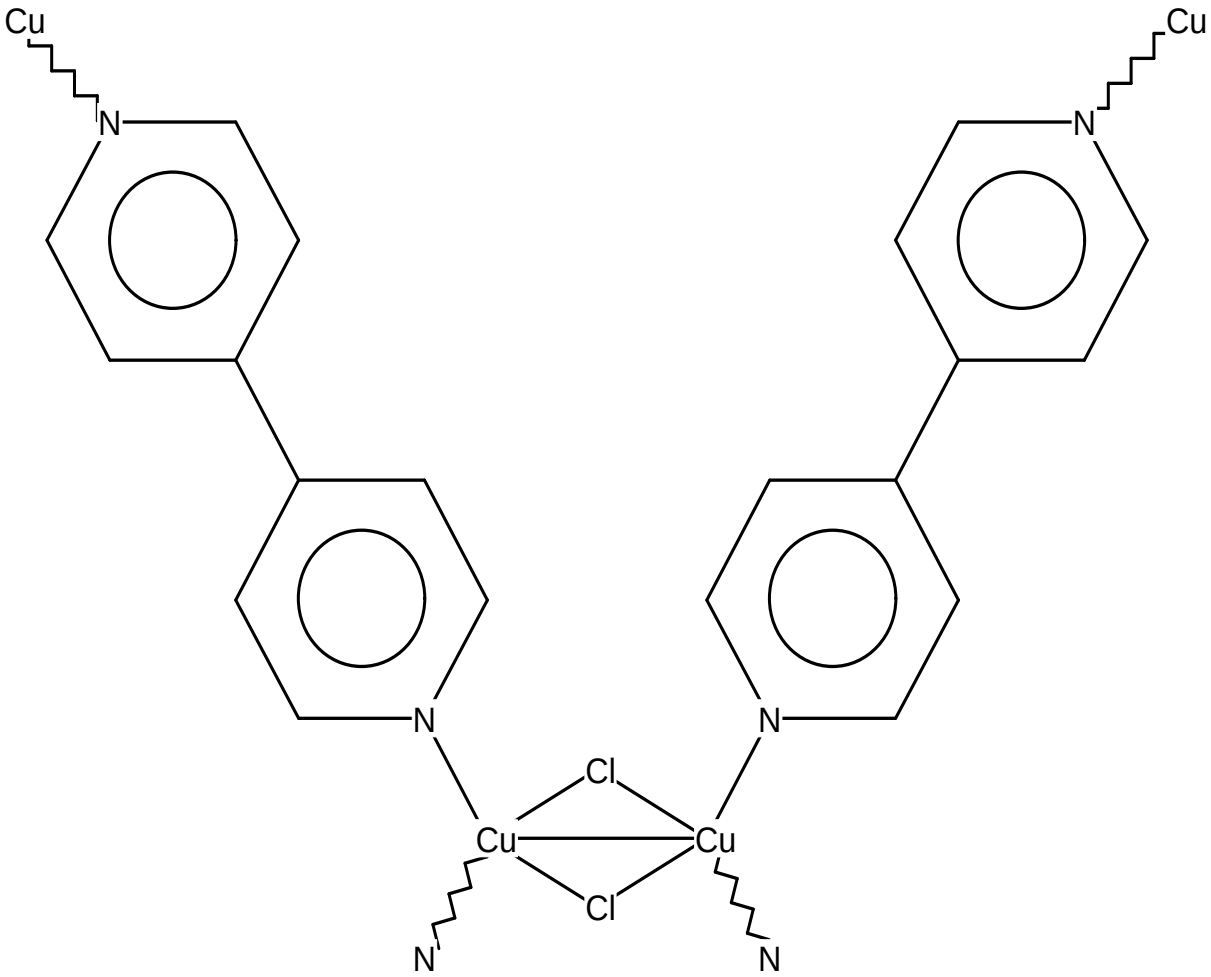
Reference: O.M.Yaghi, Guangming Li (1995) *Angew.Chem.,Int.Ed.* , **34,**207

Formula: $(C_{20}\ H_{16}\ Cl_2\ Cu_2\ N_4)n$

Compound Name: catena-(bis(μ_2-Chloro)-bis(μ_2-4,4'-bipyridyl-N,N')-di-copper(i))

Space Group:	I41/acd	***Cell:***	***a***	14.246(4)	***b***	14.246(4)	***c***	38.596(12)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.731



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3004

YIDSAF01

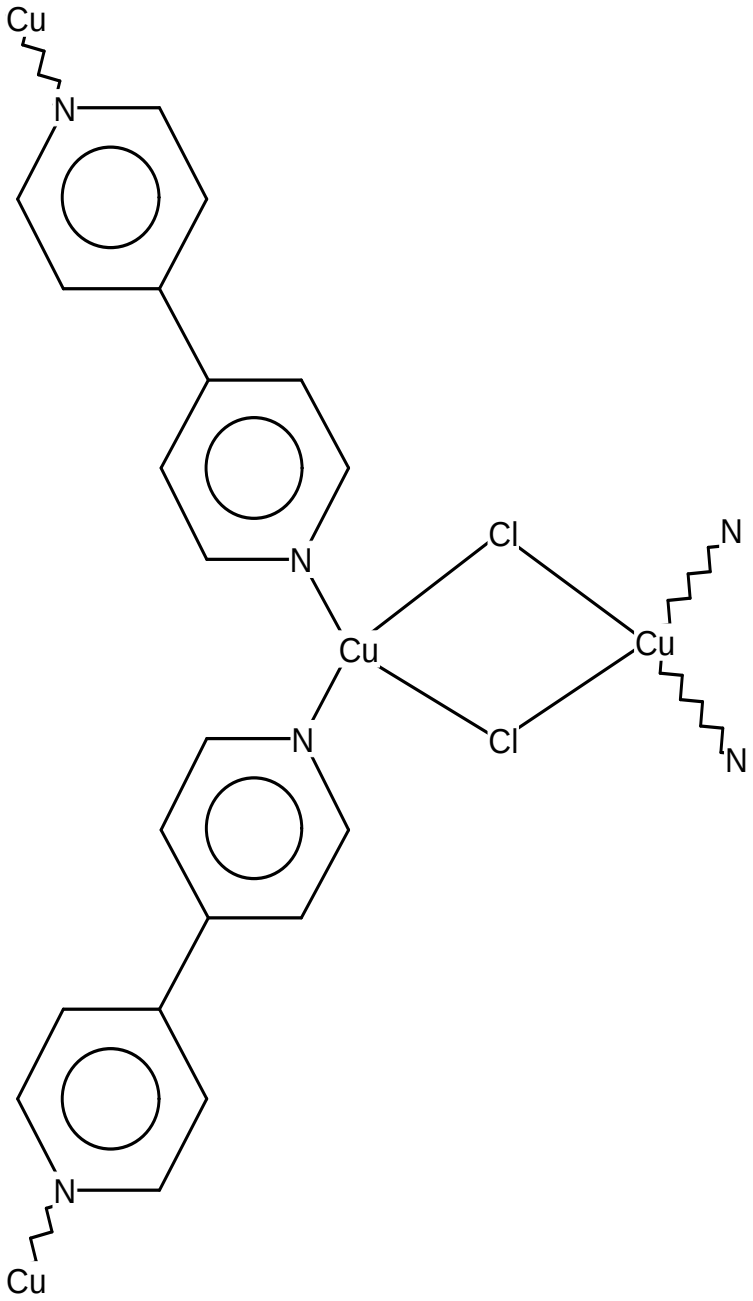
Reference: A.F.Jalbout, Xin-Hua Li, M.R.Hassan, G.M.G.Hossain (2008) *Transition Met.Chem. ,***33,**597

Formula: $(C_{20}\ H_{16}\ Cl_2\ Cu_2\ N_4)n$

Compound Name: catena-(bis(μ_2-Chloro)-bis(μ_2-4,4'-bipyridine)-di-copper)

Space Group:	I41/acd	***Cell:***	***a***	14.219(0)	***b***	14.219(0)	***c***	38.611(2)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.02 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.737



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3005

YIGFUQ

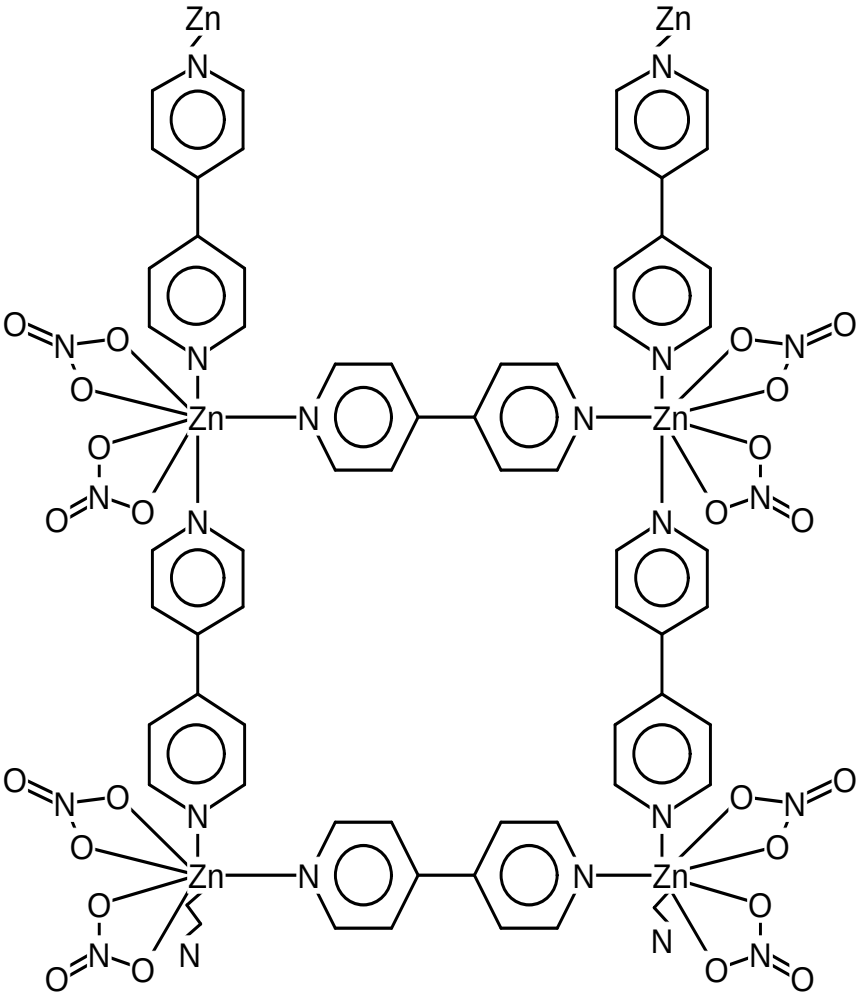
Reference: G.J.McManus, J.J.Perry IV, M.Perry, B.D.Wagner, M.J.Zaworotko (2007) *J.Am.Chem.Soc.* ,**129,**9094

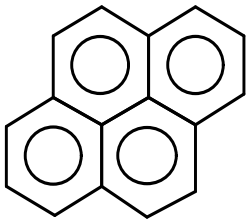
Formula: $(C_{60}\ H_{48}\ N_{20}\ O_{24}\ Zn_4)n,4n(C_{16}\ H_{10}),2n(C_7\ H_8)$

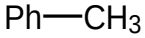
Compound Name: catena-(hexakis(μ_2-4,4'-Bipyridine)-octakis(nitrato-O,O')-tetra-zinc(ii) tetrakis(pyrene) bis(toluene) clathrate)

Space Group:	P-1	***Cell:***	***a*** 11.390(1)	***b*** 15.166(1)	***c*** 17.877(1)
Space Group No.:	2	***(Å,°)***	α 88.36(0)	β 73.96(0)	γ 87.75(0)

R-Factor (%): 6.57 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.505







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3006

YIHHED

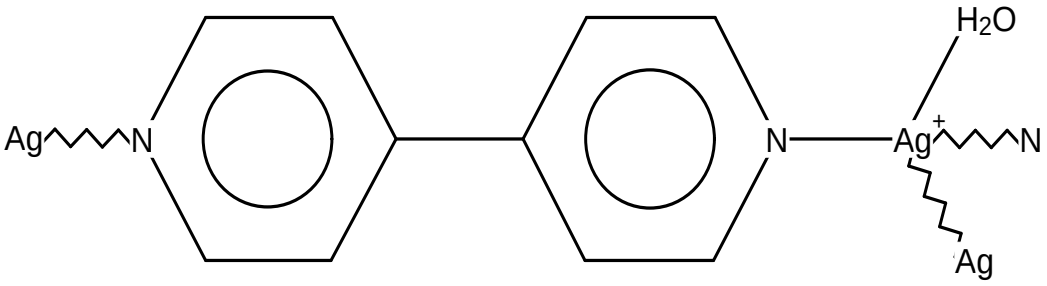
Reference: Jing-hua Yu, Hong-guang Du, Ke-fei Han, Hong-you Guo, Yu-jie Wang (2006)
Beijing Huagong Dax.Xue.Zir.Kex.(Chin.)(J.Beijing Univ.Chem.Technol.,Nat.Sci.Ed.) , **33,**61

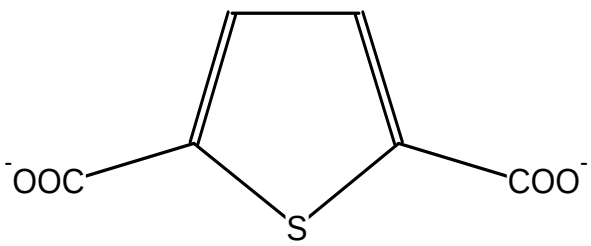
Formula: $(C_{10}\ H_{10}\ Ag_1\ N_2\ O_1\ ^{1+})2n,n(C_6\ H_2\ O_4\ S_1\ ^{2-}),5n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-bipyridine)-aqua-silver(i) thiophene-2,5-dicarboxylate pentahydrate)

Space Group:	P-1	***Cell:***	***a***	7.046(1)	***b***	11.415(2)	***c***	18.024(3)
Space Group No.:	2	***(Å,°)***	α	87.36(0)	β	88.84(0)	γ	72.41(0)

R-Factor (%): 4.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.983





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3007

YIHYOE

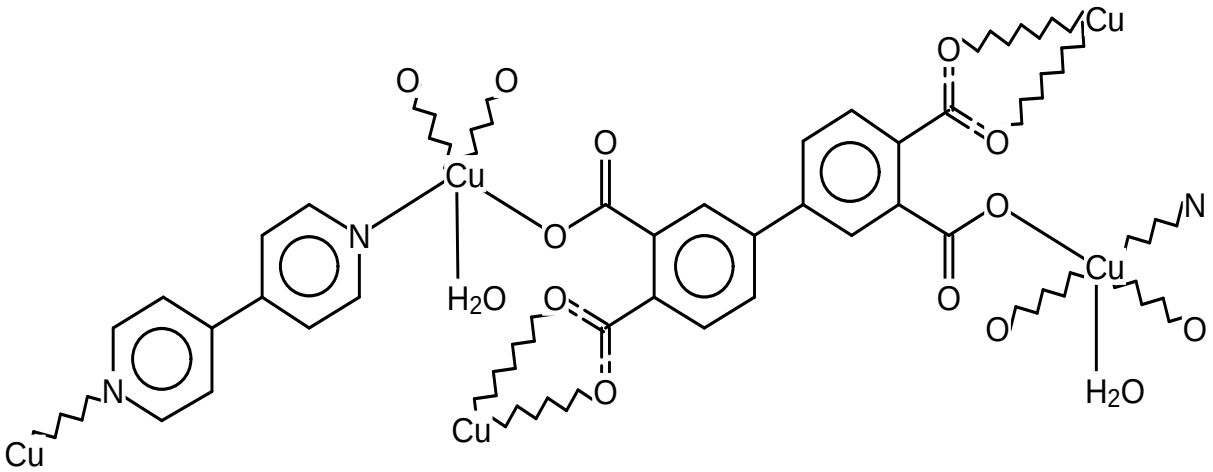
Reference: Guo-Ping Yang, Yao-Yu Wang, Lu-Fang Ma, Jian-Qiang Liu, Ya-Pan Wu, Wei-Ping Wu, Qi-Zhan Shi (2007) *Eur.J.Inorg.Chem.* ,3892

Formula: $(C_{26}\ H_{18}\ Cu_2\ N_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-((μ_4-Biphenyl-3,3',4,4'-tetracarboxylato)-(μ_2-4,4'-bipyridyl)-diaqua-di-copper(ii) dihydrate)

Space Group:	P21/c	***Cell:***	***a***	6.696(7)	***b***	17.503(17)	***c***	11.322(11)
Space Group No.:	14	***(Å,°)***	α	90.00	β	95.44(1)	γ	90.00

R-Factor (%): 7.37 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.714



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3008

YIKQIS

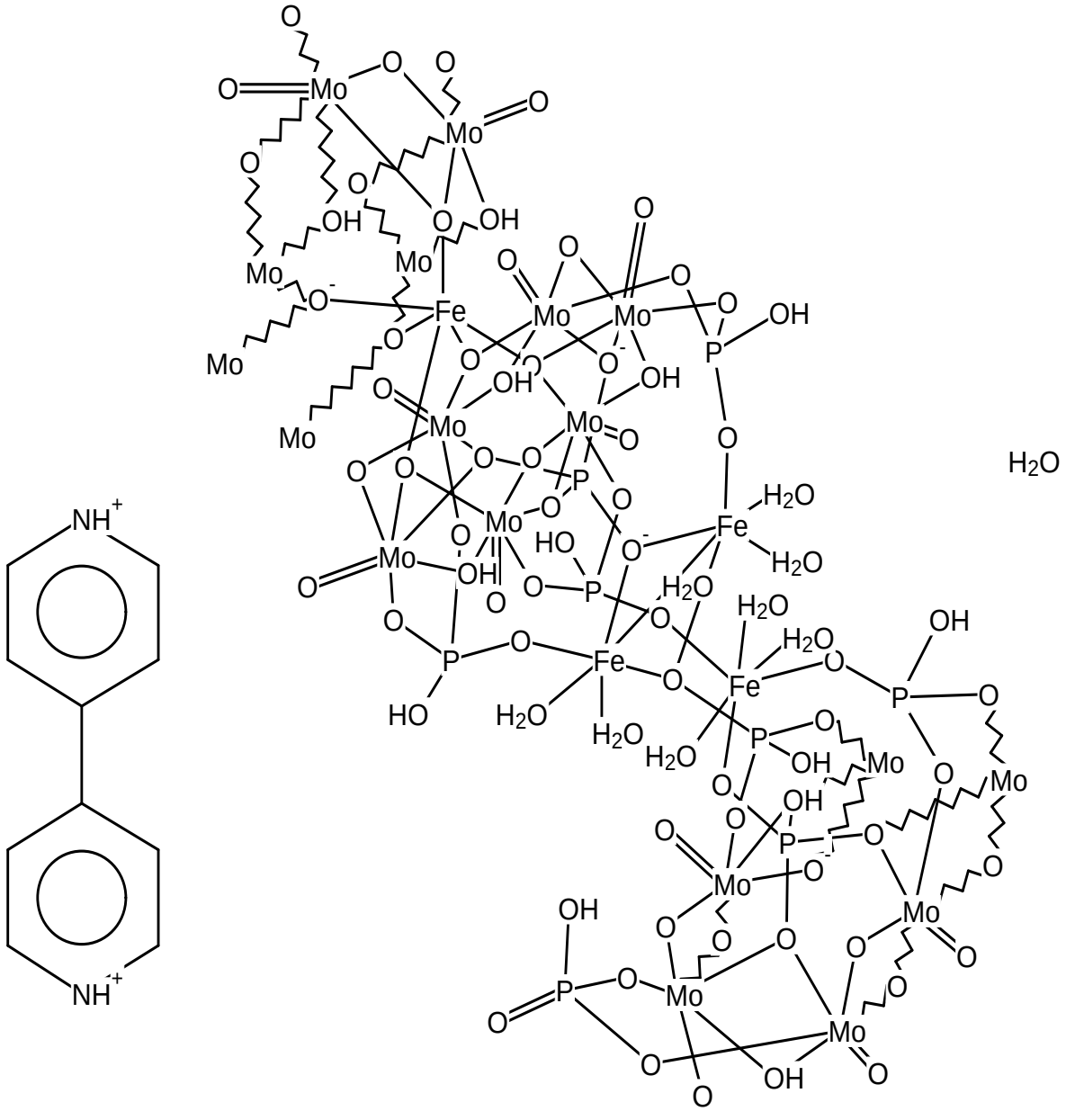
Reference: Yunshan Zhou, Lijuan Zhang, Xiaozeng You, S.Natarajan (2001) *Inorg.Chem.Commun.* ,**4,**699

Formula: $(H_{28}\ Fe_4\ Mo_{12}\ O_{70}\ P_8\ ^{4-})n,2n(C_{10}\ H_{10}\ N_2\ ^{2+}),8n(H_2\ O_1)$

Compound Name: catena-(bis(4,4'-Bipyridinium) octaaqua-hexakis(hydrogen phosphato)-bis(phosphato)-hexahydroxo-docosaoxo-tetra-iron(ii)-dodeca-molybdenum(v) octahydrate)

Space Group:	P21	***Cell:***	***a***	12.549(3)	***b*** 23.496(5)	***c***	14.551(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β 114.87(3)	γ	90.00

R-Factor (%): 3.57 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.757



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3009

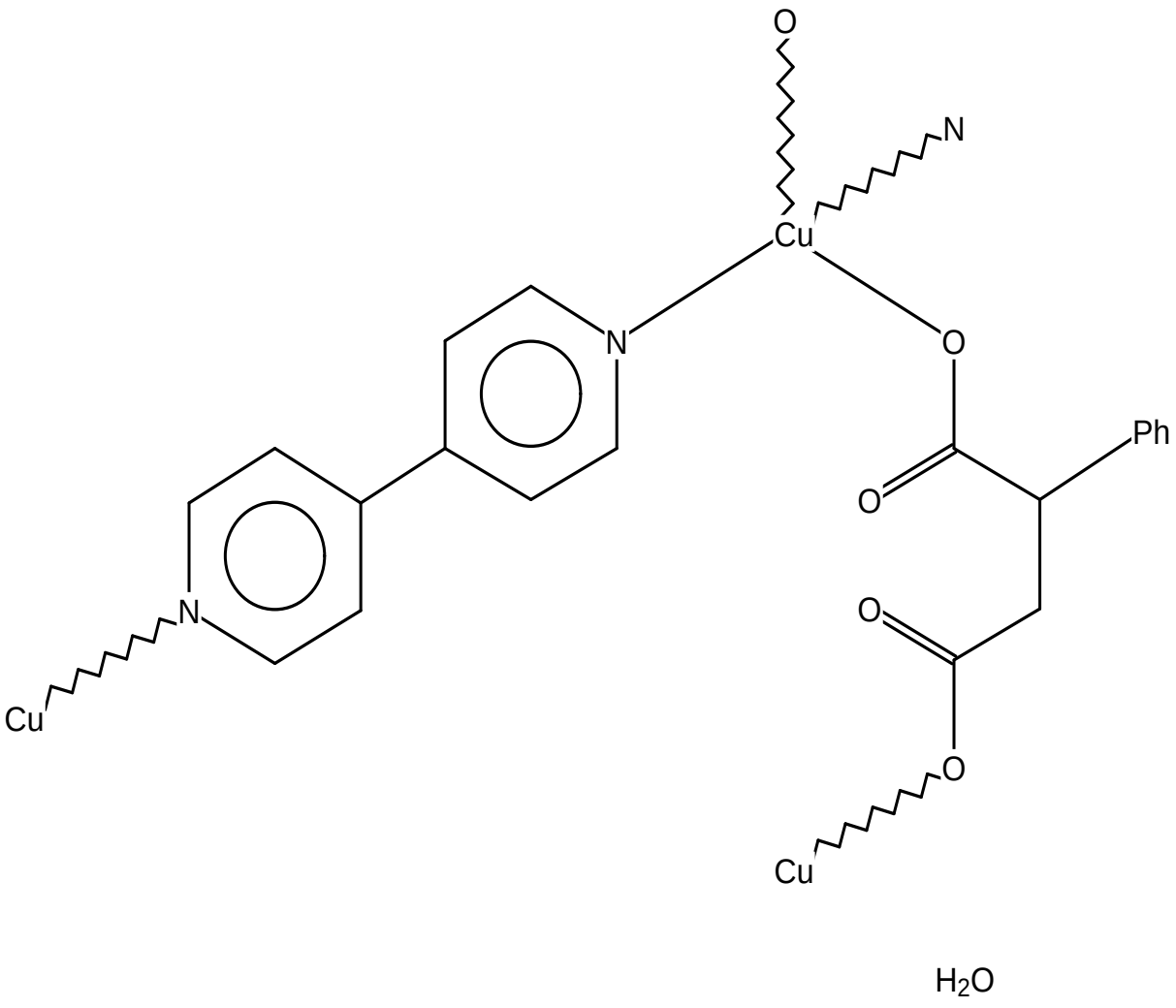
YIKYUN

Reference: Jie Zhou, Chang-Yan Sun, Lin-Pei Jin (2007) *Polyhedron* , **26,**4025

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_2\ O_4)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine-N,N')-(μ_2-phenylsuccinato-O,O')-copper(ii) monohydrate)

Space Group:	Pc	***Cell:***	***a***	5.710(2)	***b***	9.622(4)	***c*** 17.509(7)
Space Group No.:	7	***(Å,°)***	α	90.00	β	102.69(1)	γ 90.00
R-Factor (%):	5.63	***Temperature(K):***	294		***Density(g/cm^3):***		1.521



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3010

YIMDEE

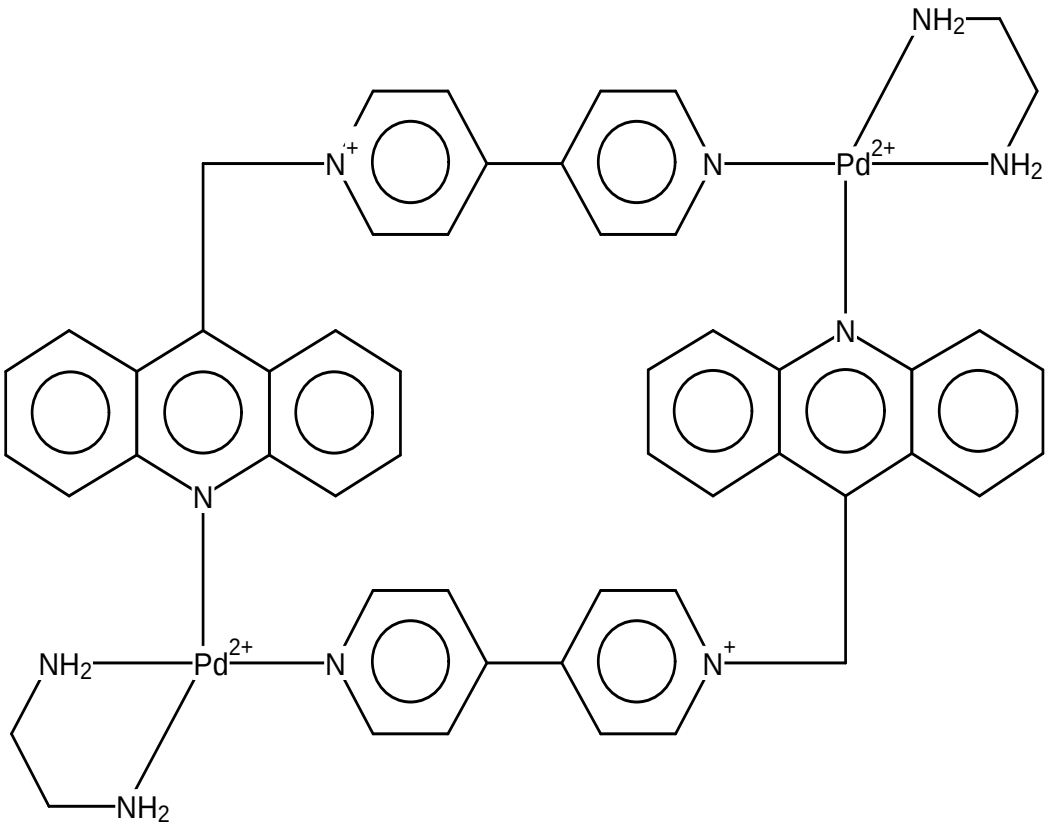
Reference: M.Chas, D.Abella, V.Blanco, E.Pia, G.Blanco, A.Fernandez, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2007) *Chem.-Eur.J. ,***13,**8572

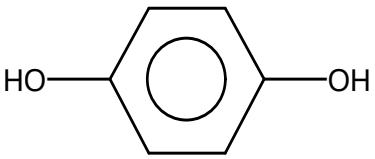
Formula: $C_{52}\ H_{52}\ N_{10}\ Pd_2\ ^{6+}$,6($N_1\ O_3\ ^{1-}$),$C_6\ H_6\ O_2$,10($H_2\ O_1$)

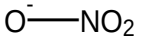
Compound Name: bis(μ_2-1-(Acridin-9-ylmethyl)-4-(4-pyridyl)pyridinium-N,N')-bis(ethylenediamine-N,N')-di-palladium(ii) hexanitrate hydroquinone decahydrate

Space Group:	P-1	***Cell:***	***a***	9.464(3)	***b*** 13.923(3)	***c***	14.296(4)
Space Group No.:	2	***(Å,°)***	α	94.85(0)	β 108.09(0)	γ	100.10(0)

R-Factor (%): 8.23 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.612







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3011

YIMDII

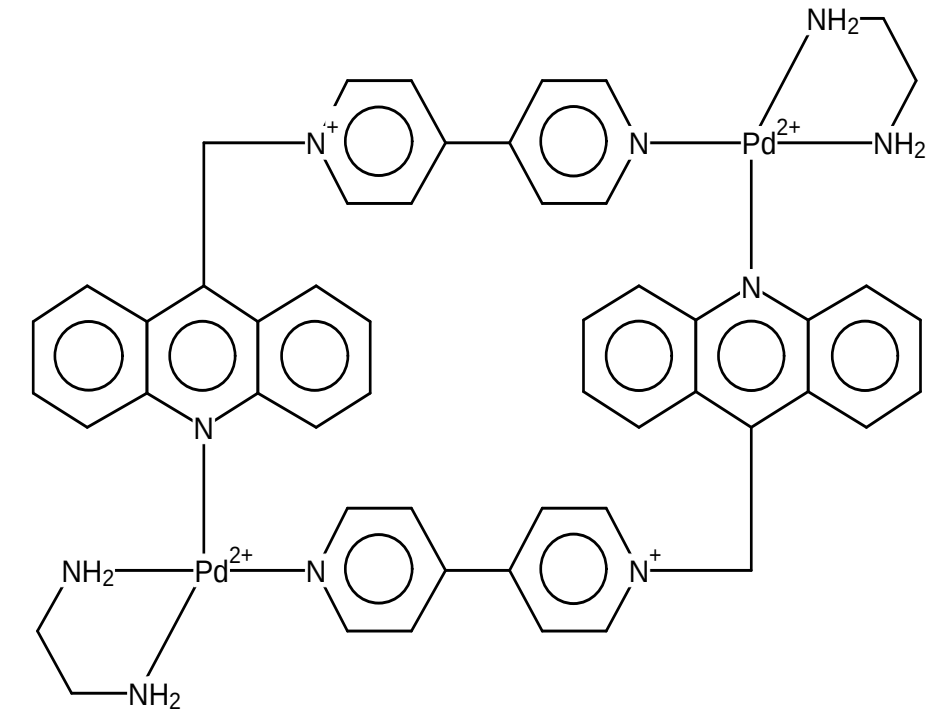
Reference: M.Chas, D.Abella, V.Blanco, E.Pia, G.Blanco, A.Fernandez, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2007) *Chem.-Eur.J. ,***13,**8572

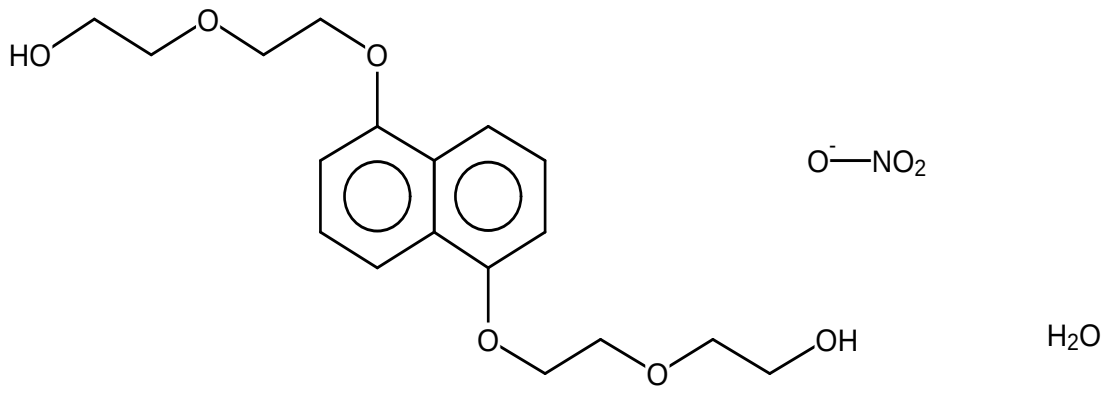
Formula: $C_{52}\ H_{52}\ N_{10}\ Pd_2\ ^{6+}$,6($N_1\ O_3\ ^{1-}$),2($C_{18}\ H_{24}\ O_6$),4($H_2\ O_1$)

Compound Name: bis(μ_2-1-(Acridin-9-ylmethyl)-4-(4-pyridyl)pyridinium-N,N')-bis(ethylenediamine-N,N')-di-palladium(ii) hexanitrate bis(1,5-bis(2-(2-hydroxyethoxy)ethoxy)naphthalene) tetrahydrate

Space Group:	P-1	***Cell:***	***a***	12.055(5)	***b***	13.560(5)	***c***	14.250(5)
Space Group No.:	2	***(Å,°)***	α	81.26(0)	β	81.09(0)	γ	84.97(0)

R-Factor (%): 5.92 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.571





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3012

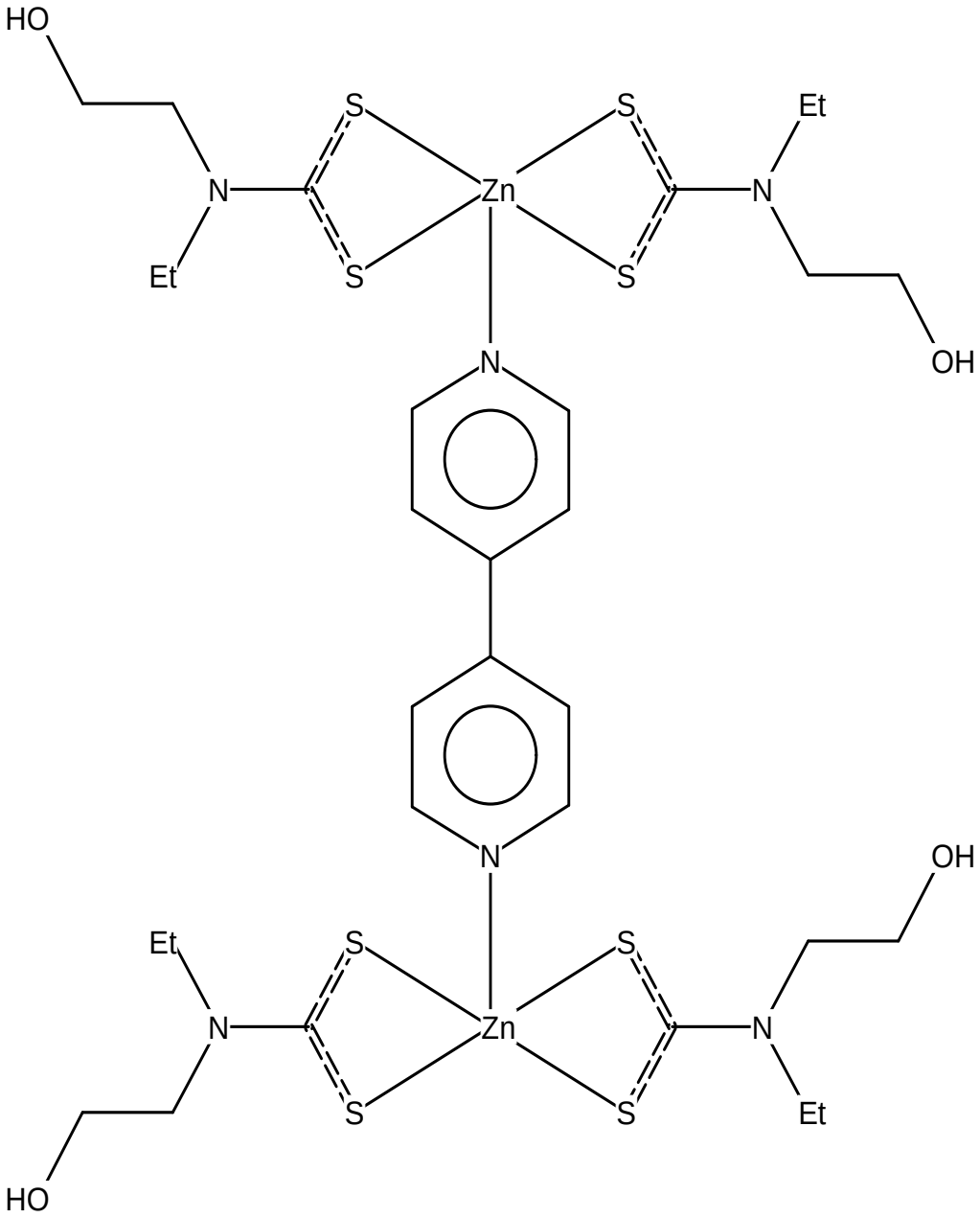
YIMXUO

Reference: R.E.Benson, C.A.Ellis, C.E.Lewis, E.R.T.Tiekink (2007) *CrystEngComm* ,**9,**930

Formula: $C_{30}\ H_{48}\ N_6\ O_4\ S_8\ Zn_2$

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(N-ethyl-N-(2-hydroxyethyl)dithiocarbamato)-di-zinc

Space Group:	P-1	***Cell:***	***a*** 11.074(6)	***b*** 13.249(5)	***c*** 15.350(6)
Space Group No.:	2	***(Å,°)***	α 104.55(0)	β 107.10(1)	γ 92.74(0)
R-Factor (%):	5.90	***Temperature(K):***	173	***Density(g/cm^3):***	1.518



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3013

YIMYAV

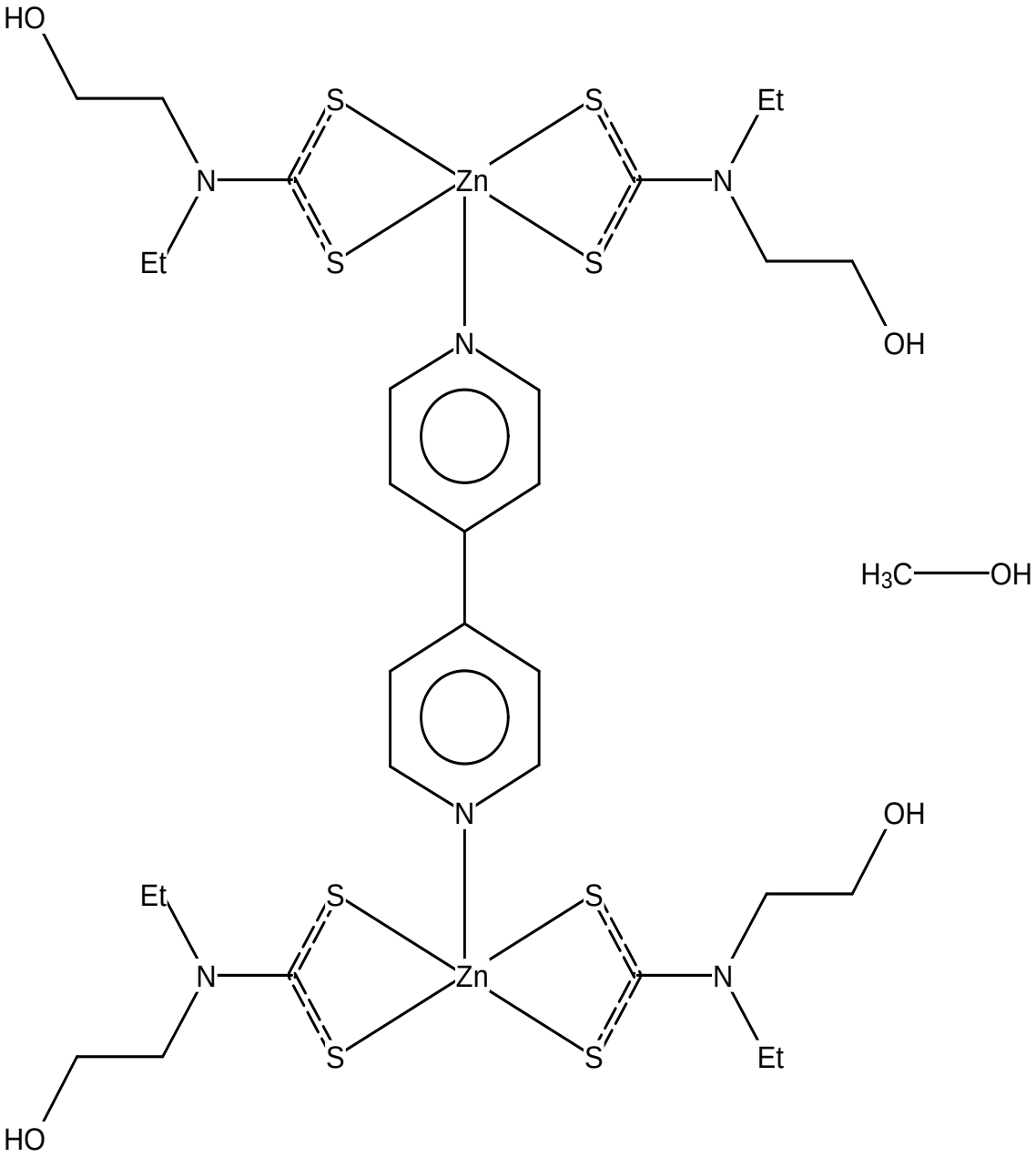
Reference: R.E.Benson, C.A.Ellis, C.E.Lewis, E.R.T.Tiekink (2007) *CrystEngComm* ,**9,**930

Formula: $C_{30}\ H_{48}\ N_6\ O_4\ S_8\ Zn_2$,2($C_1\ H_4\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine)-tetrakis(N-ethyl-N-(2-hydroxyethyl)dithiocarbamato)-di-zinc methanol solvate

Space Group:	P-1	***Cell:***	***a***	9.542(1)	***b***	11.309(2)	***c***	11.418(2)
Space Group No.:	2	***(Å,°)***	α	75.64(0)	β	73.02(0)	γ	85.24(0)

R-Factor (%): 4.10 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.466



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3014

YINJAH

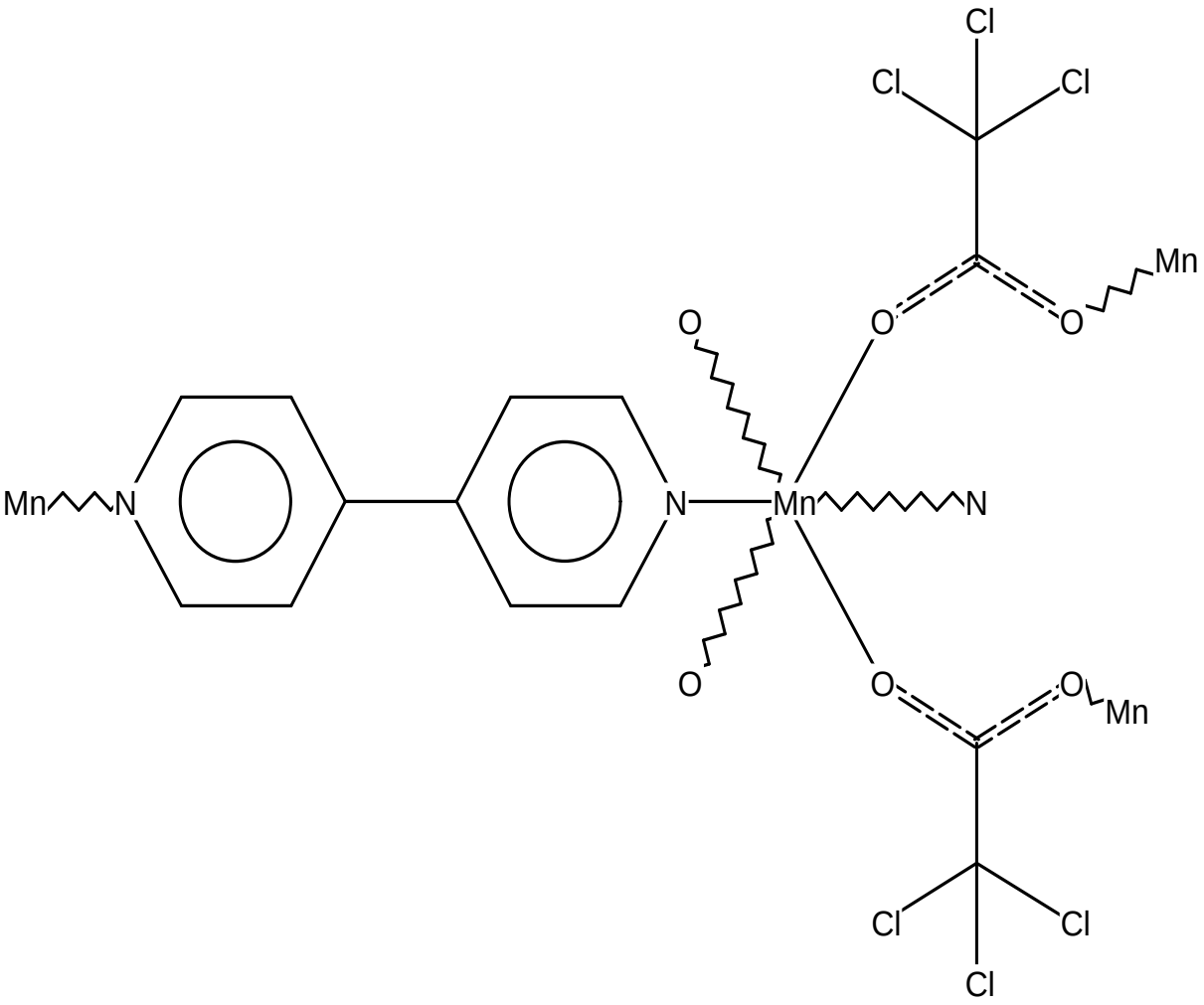
Reference: Liang Chen, Xian-Wen Wang, Jing-Zhong Chen, Jian-Hong Liu (2007) *Z.Naturforsch.,B:Chem.Sci. ,***62,**1271

Formula: $(C_{14}\ H_8\ Cl_6\ Mn_1\ N_2\ O_4)n$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-bis(μ_2-2,2,2-trichloroacetato)-manganese(ii))

Space Group:	Pbcn	***Cell:***	***a***	16.539(1)	***b***	11.640(1)	***c*** 9.918(1)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 6.01 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.864



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3015

YISHOY

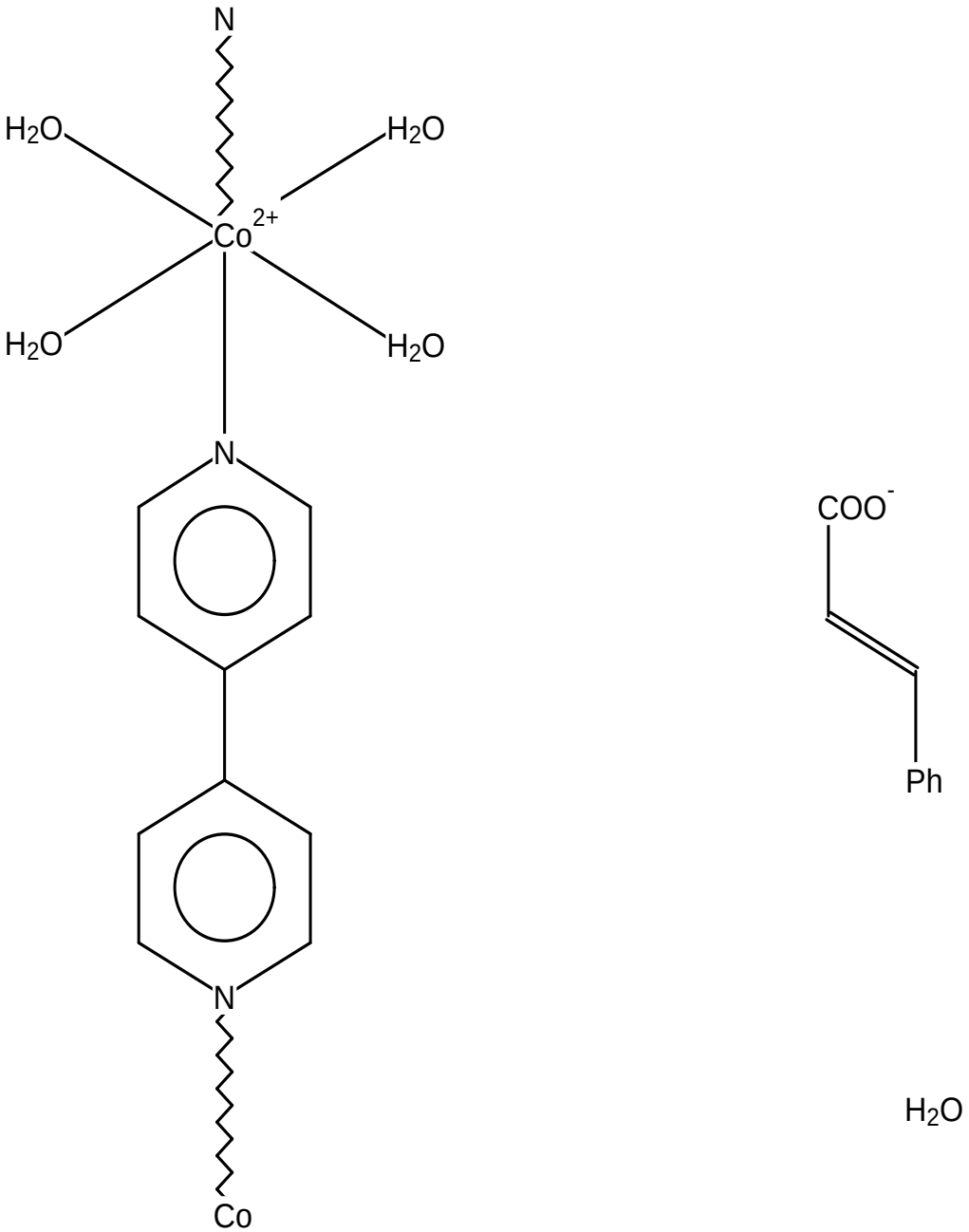
Reference: Wei Li, Chang-Hong Li, Xue Nie, Ying-Qun Yang, Yun-Fei Kuang (2007) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**26,**1486

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(C_9\ H_7\ O_2\ ^{1-}),2n(H_2\ O_1)$

Compound Name: catena-(μ_2-4,4'-Bipyridyl)-tetra-aqua-cobalt(ii) cinnamylate dihydrate

Space Group:	P21/c	***Cell:***	***a***	11.481(3)	***b***	11.230(2)	***c***	11.759(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.05(0)	γ	90.00

R-Factor (%):	4.43	***Temperature(K):***	294	***Density(g/cm^3):***	1.363



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3016

YIVSOM

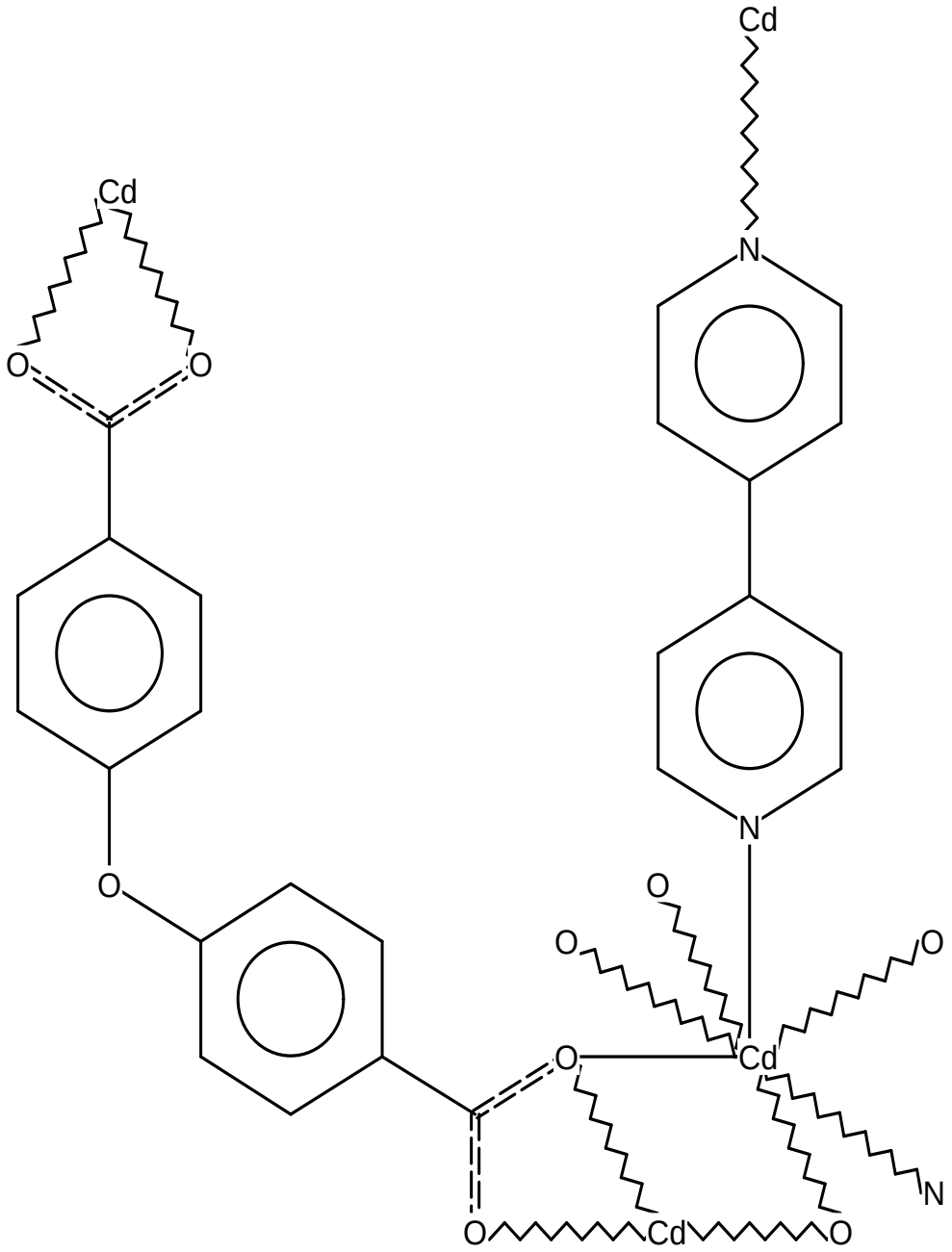
Reference: Yi Ma, Yongke He, Litian Zhang, Xiaofang Wang, Jingqun Gao, Zhengbo Han (2007) *Struct.Chem.* ,**18,**1005

Formula: $(C_{24}\ H_{16}\ Cd_1\ N_2\ O_5)n$

Compound Name: catena-((μ_3-4,4'-Oxy-dibenzoato)-(μ_2-4,4'-bipyridine)-cadmium(ii))

Space Group:	C2/c	***Cell:***	***a***	16.329(4)	***b*** 16.899(2)	***c***	17.410(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.38(1)	γ	90.00

R-Factor (%): 4.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.593



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3017

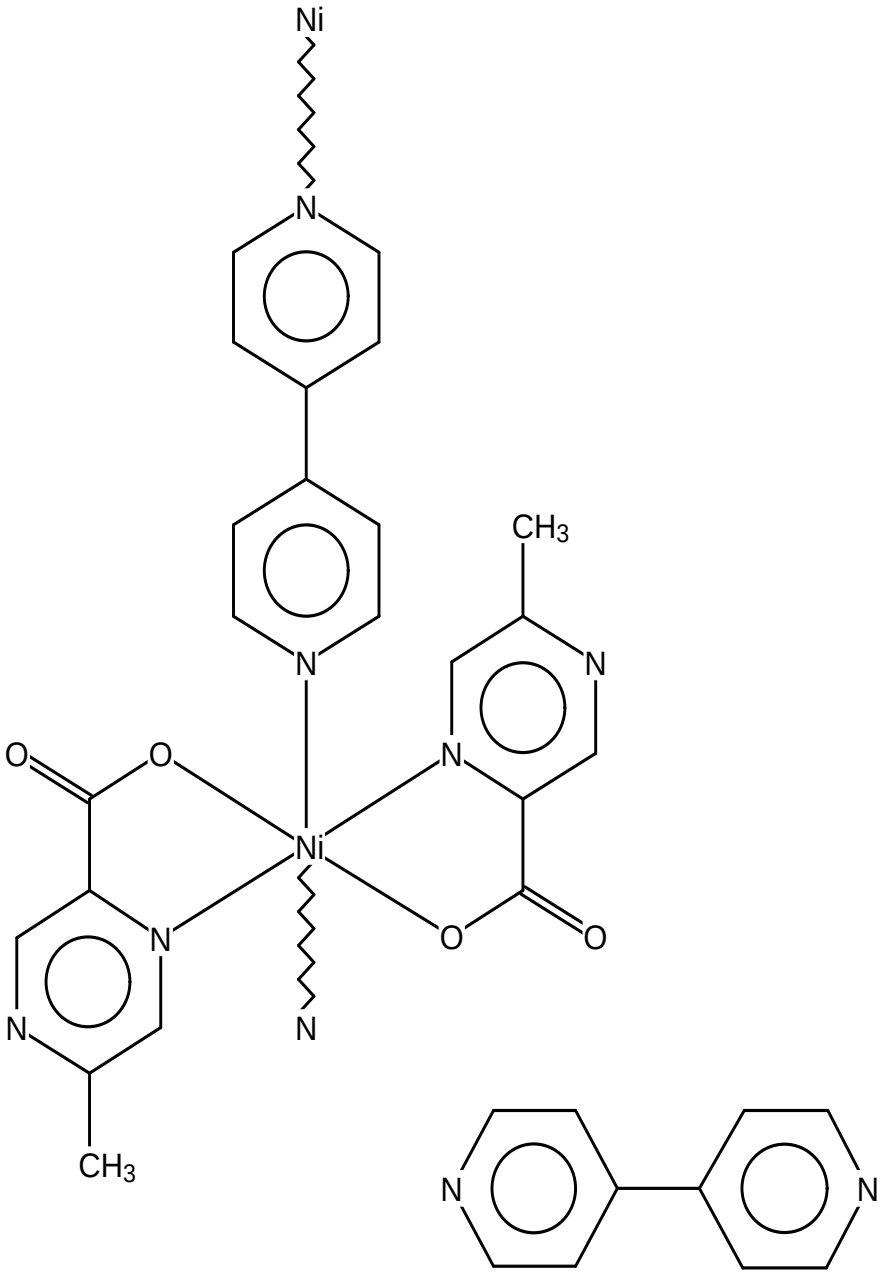
YIWCUD

Reference: San-Ping Chen, Guang Fan, Sheng-Li Gao (2008)
Z.Anorg.Allg.Chem. ,**634,**539

Formula: $(C_{22}\ H_{18}\ N_6\ Ni_1\ O_4)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-bis(5-methylpyrazine-2-carboxylato)-nickel 4, 4'-bipyridine]

Space Group:	P-1	***Cell:***	***a***	9.070(6)	***b***	9.518(6)	***c*** 9.662(6)
Space Group No.:	2	***(Å,°)***	α	107.23(0)	β	90.25(0)	γ 113.25(0)
R-Factor (%):	8.18	***Temperature(K):***	273		***Density(g/cm^3):***		1.478



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3018

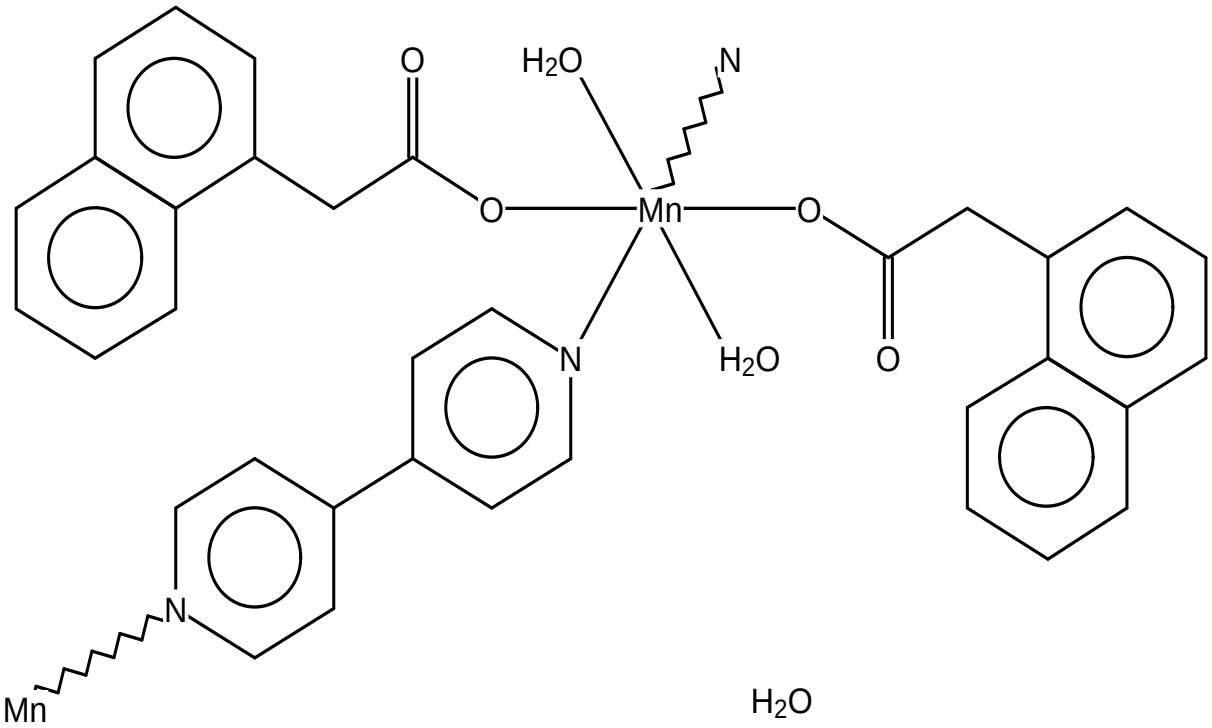
YIXZAH

Reference: Ying-Qun Yang, Chang-Hong Li, Wei Li, Yun-Fei Kuang (2008) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**27,**404

Formula: $(C_{34}\ H_{30}\ Mn_1\ N_2\ O_6)n,4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridyl)-diaqua-bis(naphthalen-1-ylacetato)-manganese(ii) tetrahydrate]

Space Group:	P21/c	***Cell:***	***a***	11.421(2)	***b*** 16.337(3)	***c***	9.418(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.15(3)	γ	90.00
R-Factor (%):	4.12	***Temperature(K):***	293		***Density(g/cm^3):***	1.407	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3019

YODBID

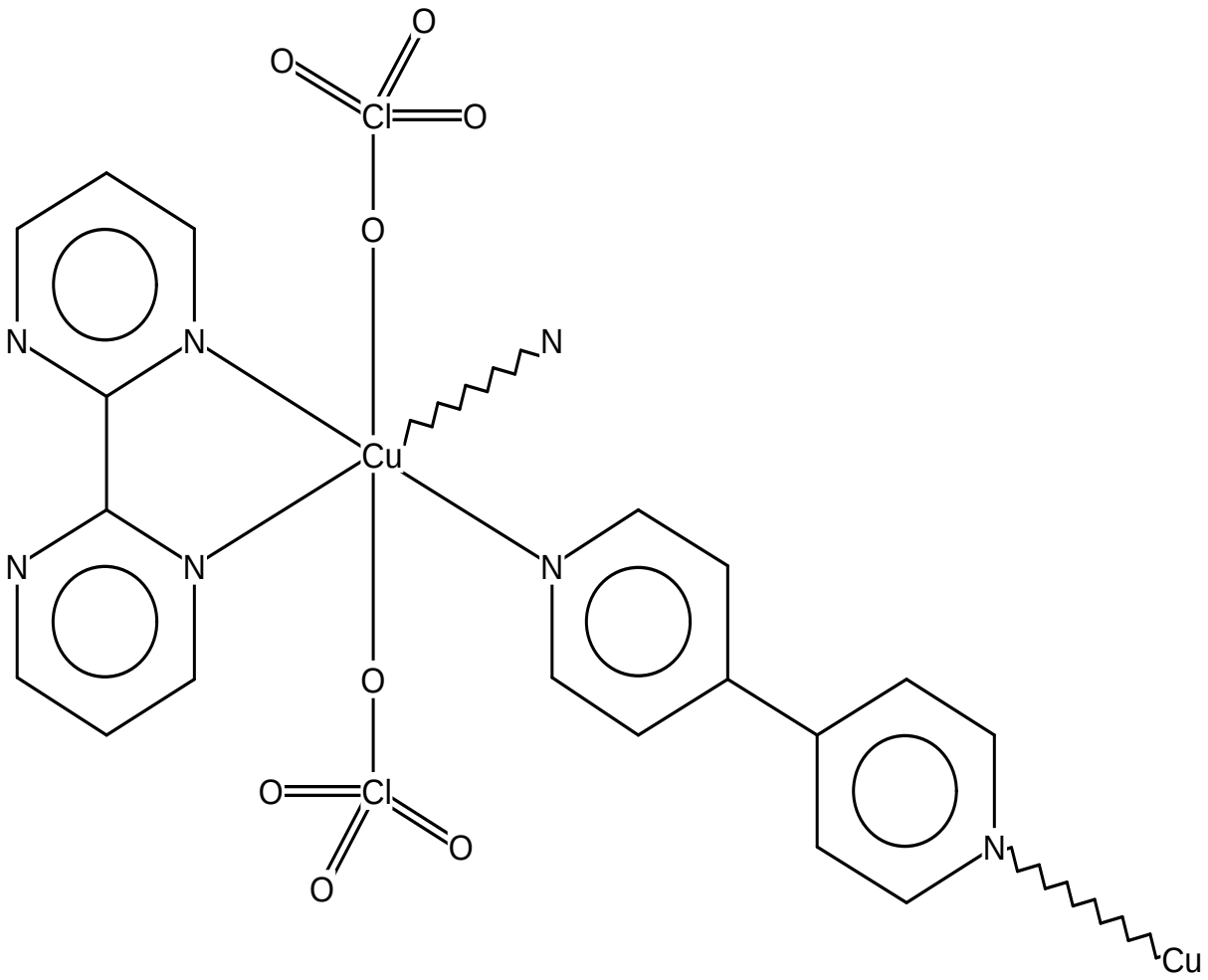
Reference: Wei Xu, Jian-Li Lin, Hong-Zhen Xie (2008)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**64,**m1031

Formula: $(C_{18}\ H_{14}\ Cl_2\ Cu_1\ N_6\ O_8)n$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-κ^2N:N')-(2,2'-bipyrimidine-κ^2N^1,N$^{1'}$)-bis(perchlorato-O)-copper(ii)]

Space Group:	P21/n	***Cell:***	***a***	11.334(2)	***b***	14.266(3)	***c*** 13.299(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.55(3)	γ 90.00

R-Factor (%): 5.49 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.793



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3020

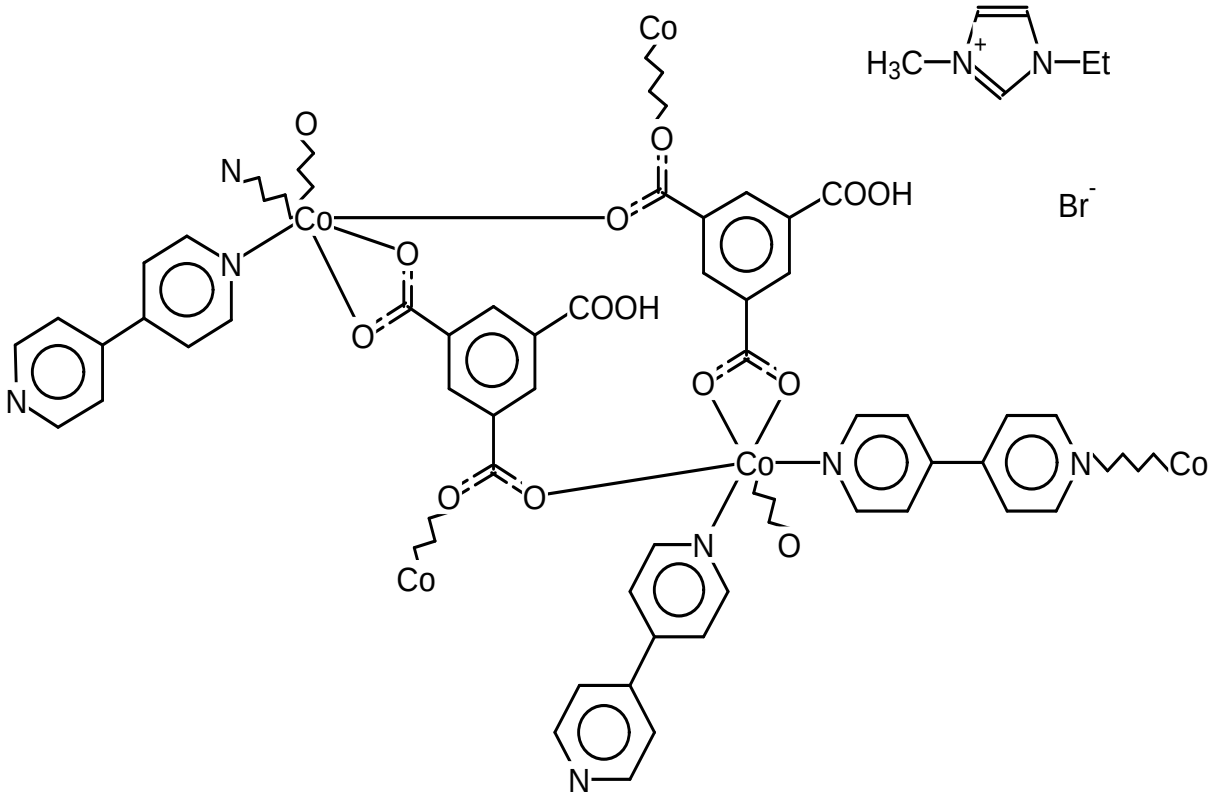
YODYUM

Reference: Zhuojia Lin, Yang Li, A.M.Z.Slawin, R.E.Morris (2008)
Dalton Trans. ,3989

Formula: $(C_{48}\ H_{32}\ Co_2\ N_6\ O_{12})n,n(C_6\ H_{11}\ N_2^{1+}),n(Br_1^{1-})$

Compound Name: catena-(bis(μ_3-Hydrogen trimesato-O,O',O'',O''')-(μ_2-4,4'-bipyridine)-bis(4,4'-bipyridine)-di-cobalt 1-ethyl-3-methylimidazolium bromide clathrate)

Space Group:	Cc	***Cell:***	***a***	9.967(1)	***b***	35.170(3)	***c*** 15.151(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	107.66(0)	γ 90.00
R-Factor (%):	5.03	***Temperature(K):***	113		***Density(g/cm^3):***		1.567



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3021

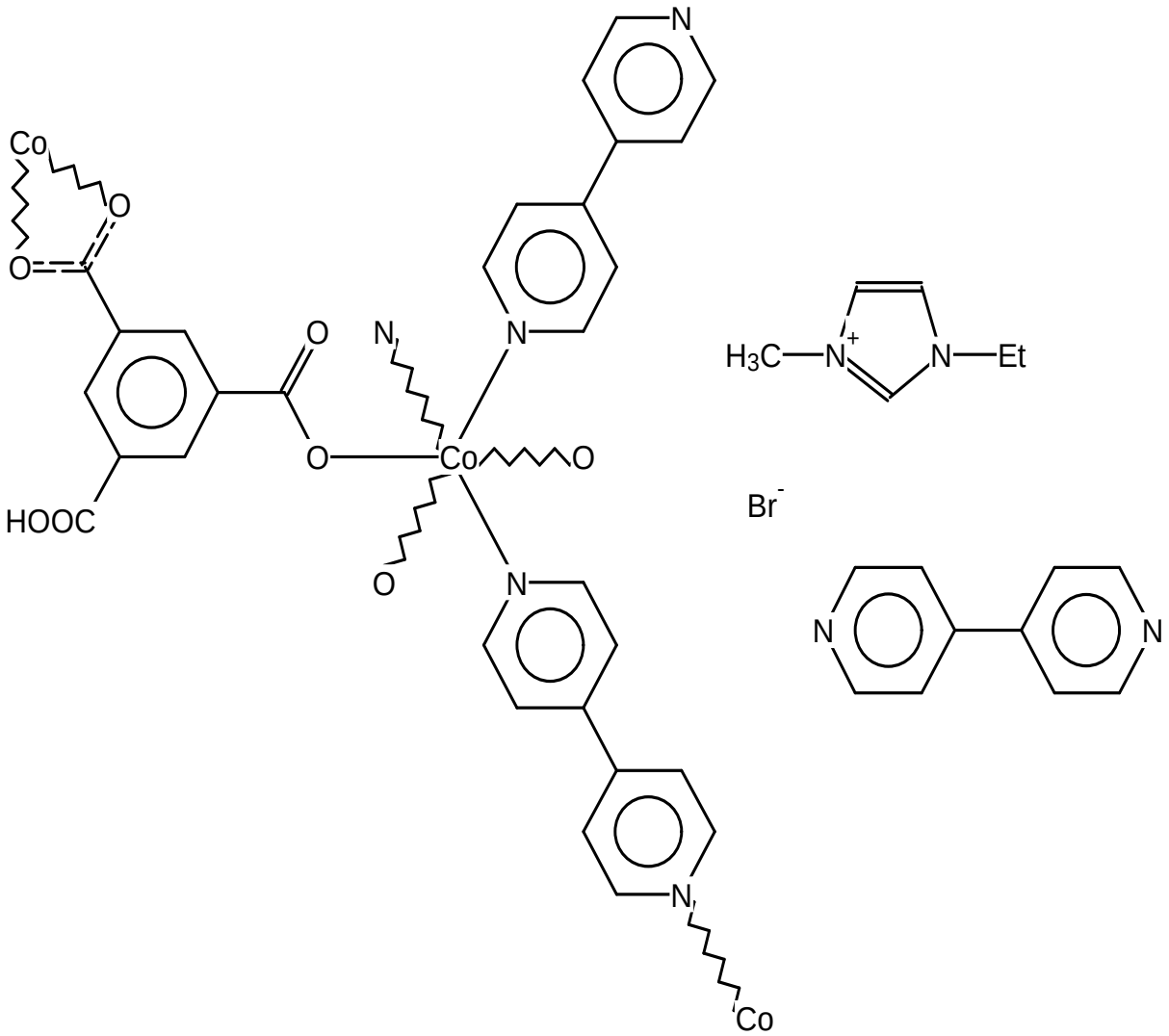
YODZAT

Reference: Zhuojia Lin, Yang Li, A.M.Z.Slawin, R.E.Morris (2008)
Dalton Trans. ,3989

Formula: $(C_{29}\ H_{20}\ Co_1\ N_4\ O_6)n,n(C_6\ H_{11}\ N_2\ ^{1+}),n(Br_1\ ^{1-}),n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-Hydrogen trimesato-O,O',O'')-(μ_2-4,4'-bipyridine)-(4,4'-bipyridine)-cobalt 1-ethyl-3-methylimidazolium bromide clathrate 4,4'-bipyridine)

Space Group:	P21/c	***Cell:***	***a***	11.355(2)	***b***	9.992(1)	***c***	37.908(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.03(0)	γ	90.00
R-Factor (%):	8.63	***Temperature(K):***	93		***Density(g/cm^3):***		1.435	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3022

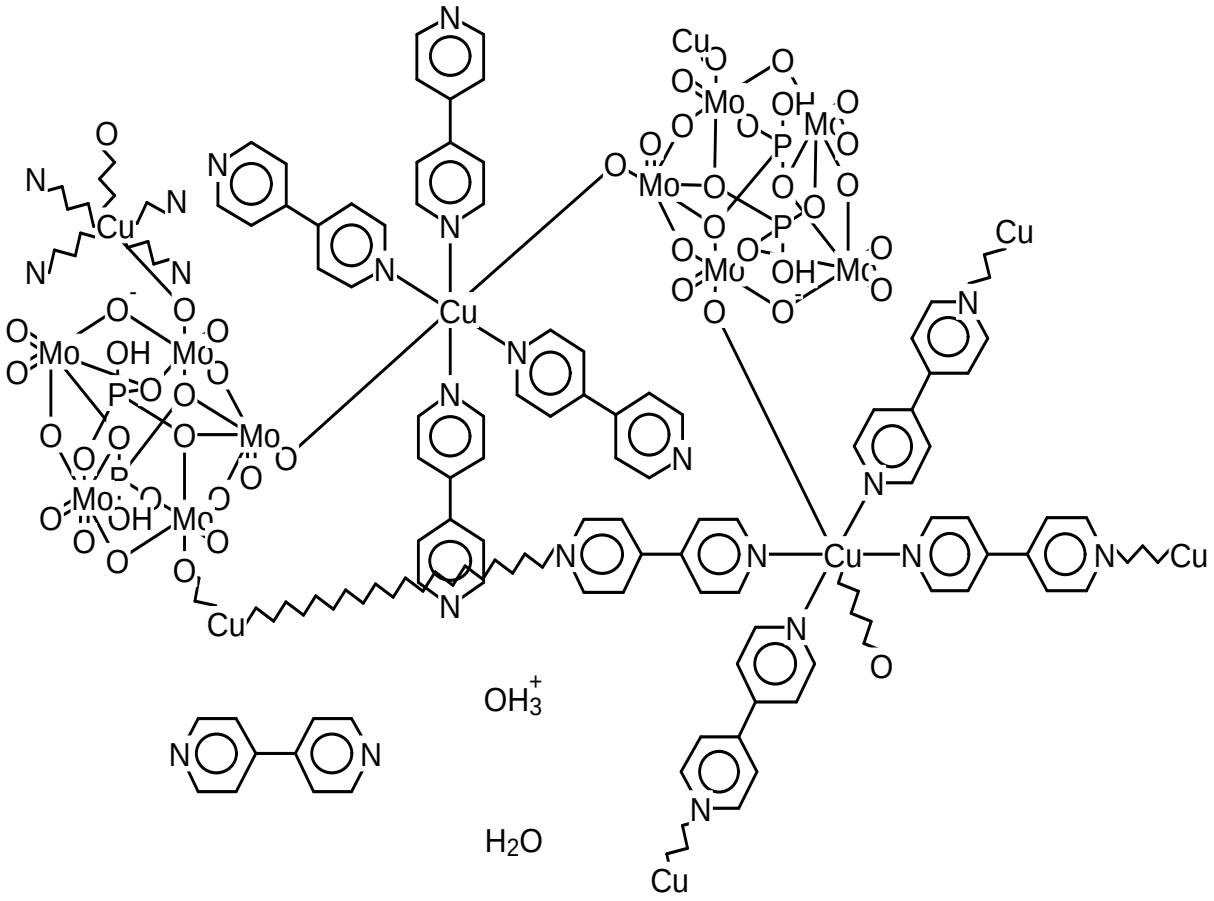
YOFLUB

Reference: Guangzhe Li, C.Salim, H.Hinode (2008)
Solid State Sciences ,**10,**121

Formula: $(C_{10}\ H_8\ N_2)n,n(C_{80}\ H_{68}\ Cu_3\ Mo_{10}\ N_{16}\ O_{46}\ P_4\ ^{2-}),2n(H_3\ O_1\ ^{1+}),4n(H_2\ O_1)$

Compound Name: catena-(Dioxonium tetrakis(μ_5-hydrogen phosphato)-tetrakis(μ_2-4,4'-bipyridine)-octadecakis(μ_2-oxo)-tetrakis(4,4'-bipyridine)-tetradecaoxo-tri-copper(ii)-deca-molybdenum 4,4'-bipyridine tetrahydrate clathrate)

Space Group:	P21/n	***Cell:***	***a***	13.959(0)	***b***	22.485(0)	***c***	19.157(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	97.78(0)	γ	90.00
R-Factor (%):	3.95	***Temperature(K):***	293		***Density(g/cm^3):***		1.968	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3023

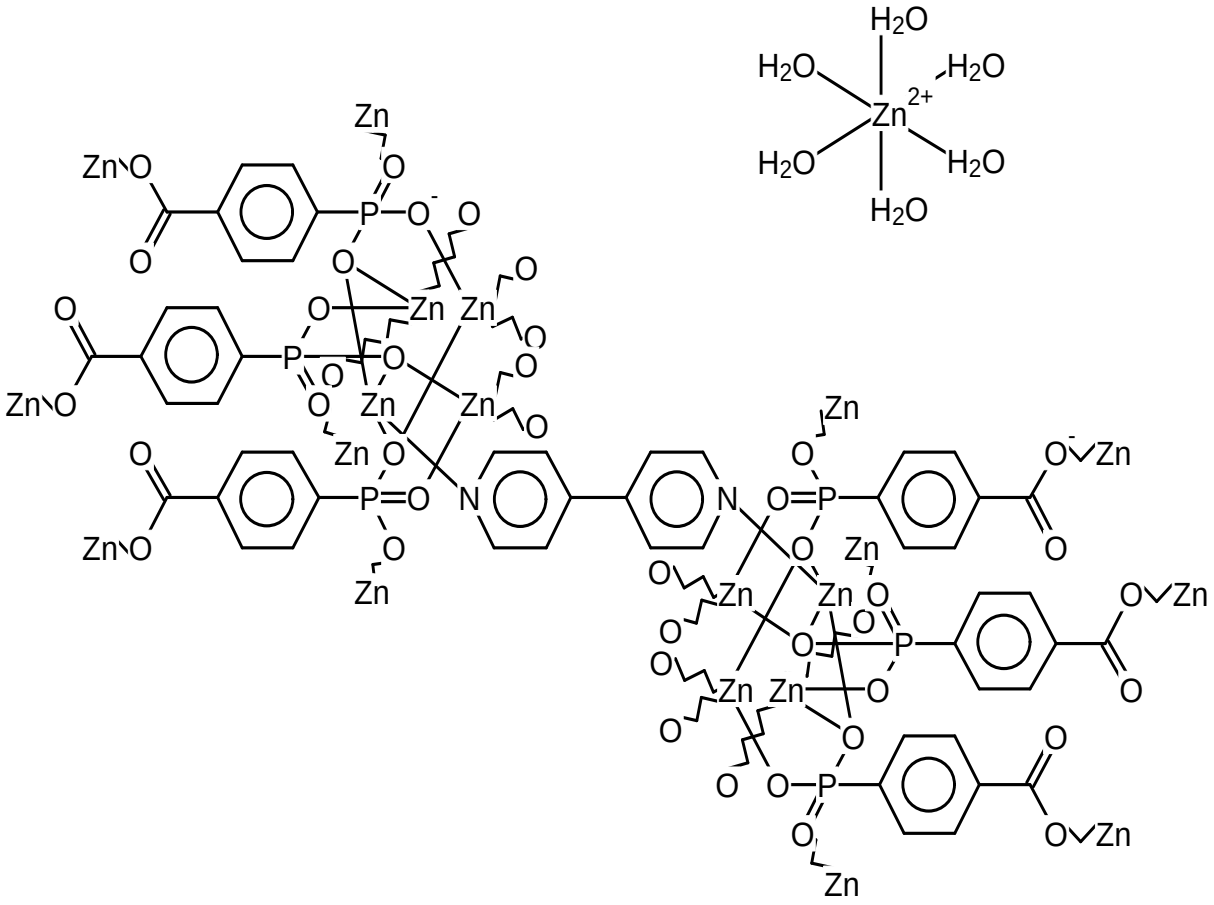
YOFQUG

Reference: Jin-Tang Li, Deng-Ke Cao, Bin Liu, Yi-Zhi Li, Li-Min Zheng (2008) *Cryst.Growth Des.* ,**8,**2950

Formula: $(C_{52}\ H_{32}\ N_2\ O_{30}\ P_6\ Zn_8\ ^{2-})n,n(H_{12}\ O_6\ Zn_1\ ^{2+})$

Compound Name: catena-[Hexaaqua-zinc(ii) hexakis(μ_5-4-carboxylatobenzenephosphonato)-(μ_2-4,4'-bipyridyl)-octa-zinc(ii)]

Space Group:	R-3	***Cell:***	***a***	13.470(1)	***b***	13.470(1)	***c*** 31.214(2)
Space Group No.:	148	***(Å,°)***	α	90.00	β	90.00	γ 120.00
R-Factor (%):	4.31	***Temperature(K):***	273	***Density(g/cm^3):***	2.079		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3024

YOGFIJ

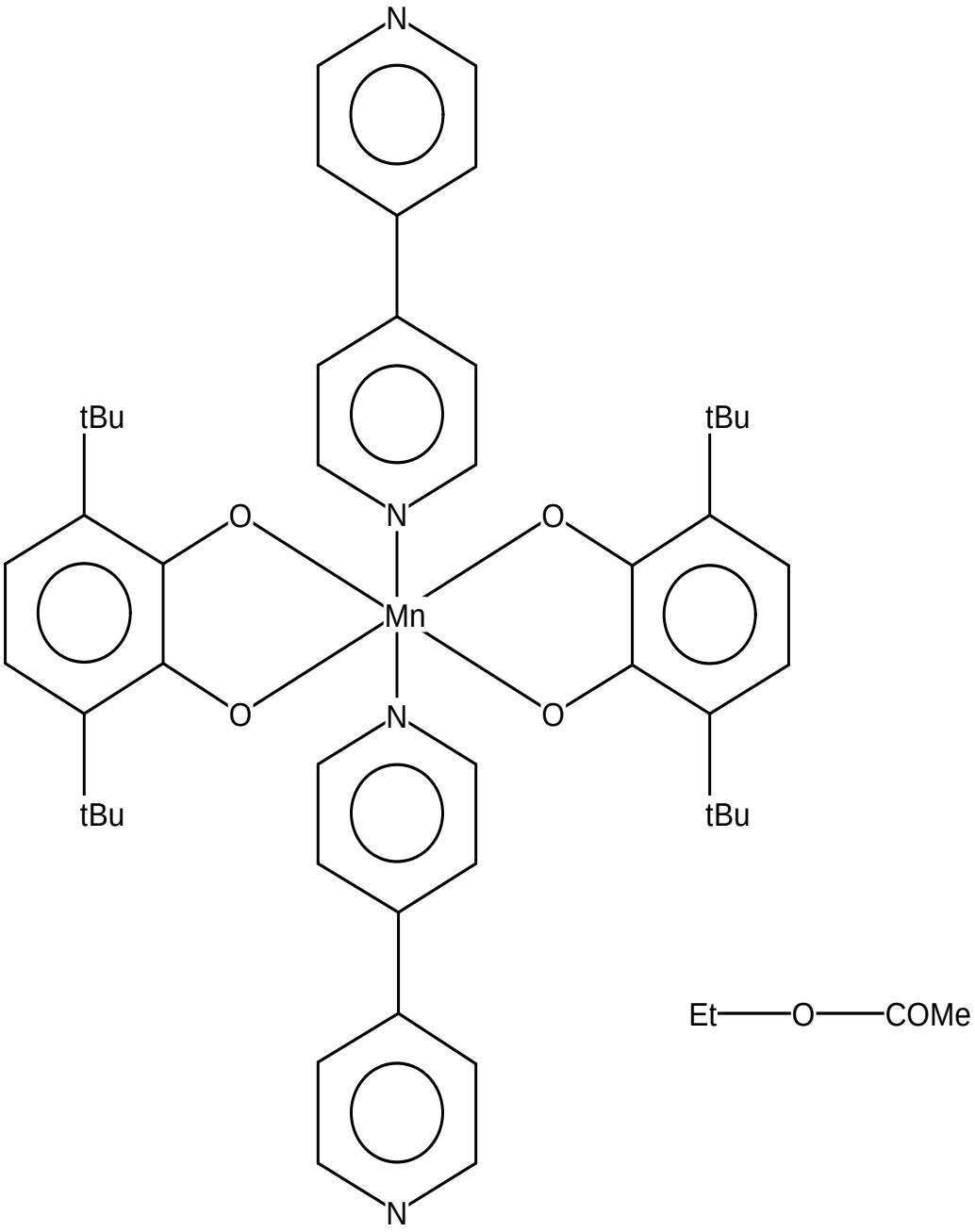
Reference: A.S.Attia, C.G.Pierpont (1995) *Inorg.Chem.* ,**34,**1172

Formula: $C_{48}\ H_{56}\ Mn_1\ N_4\ O_4$,2($C_4\ H_8\ O_2$)

Compound Name: trans-bis(4,4'-Bipyridyl-N)-bis(3,6-di-t-butyl-o-benzosemiquinone-O,O')-(3,6-di-t-butylcatecholato-O,O')-manganese(iii) ethyl acetate solvate

Space Group:	P21/n	***Cell:***	***a***	14.428	***b*** 10.070	***c***	19.976
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.16	γ	90.00

R-Factor (%): 6.39 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.192



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3025

YOHRAP

Reference: Ying-Feng Han, Yue-Jian Lin, Wei-Guo Jia, Guo-Xin Jin (2008) *Organometallics ,***27,**4088

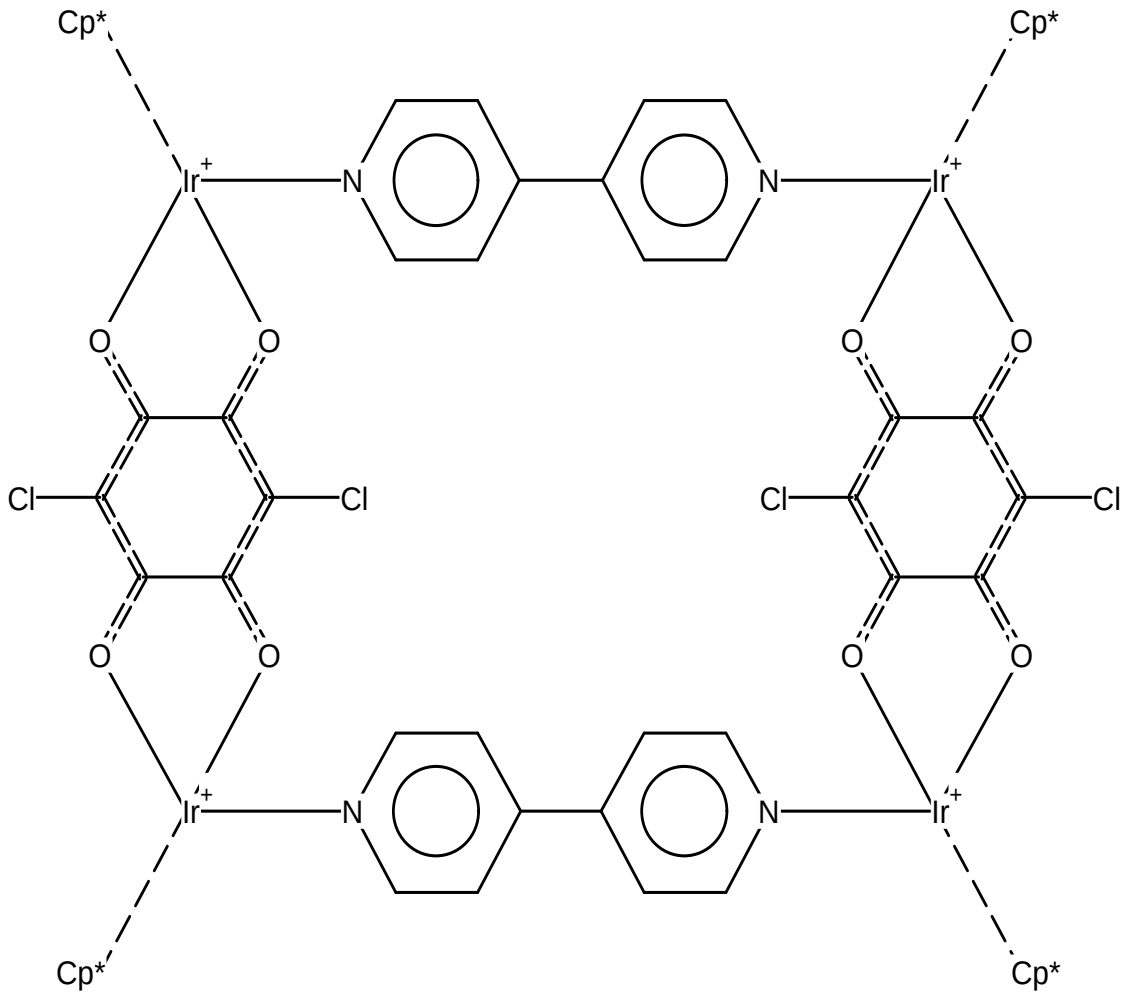
Formula: $C_{72}\ H_{76}\ Cl_4\ Ir_4\ N_4\ O_8\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),$C_7\ H_8$

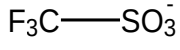
Compound Name: bis(μ_2-2,5-Dichloro-3,6-dioxy-1,4-benzoquinonato)-bis(μ_2-4,4'-bipyridyl)-tetrakis(η^5-pentamethylcyclopentadienyl)-tetra-iridium tetrakis(trifluoromethanesulfonate) toluene solvate

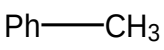
Synonym: bis(μ_2-Chloranilato)-bis(μ_2-4,4'-bipyridyl)-tetrakis(η^5-pentamethylcyclopentadienyl)-tetra-iridium toluene solvate

Space Group:	P-1	***Cell:***	***a***	15.502(5)	***b***	17.303(5)	***c***	22.752(7)
Space Group No.:	2	***(Å,°)***	α	71.01(0)	β	77.72(0)	γ	82.15(0)

R-Factor (%): 5.66 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.609







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3026

YOMBAE

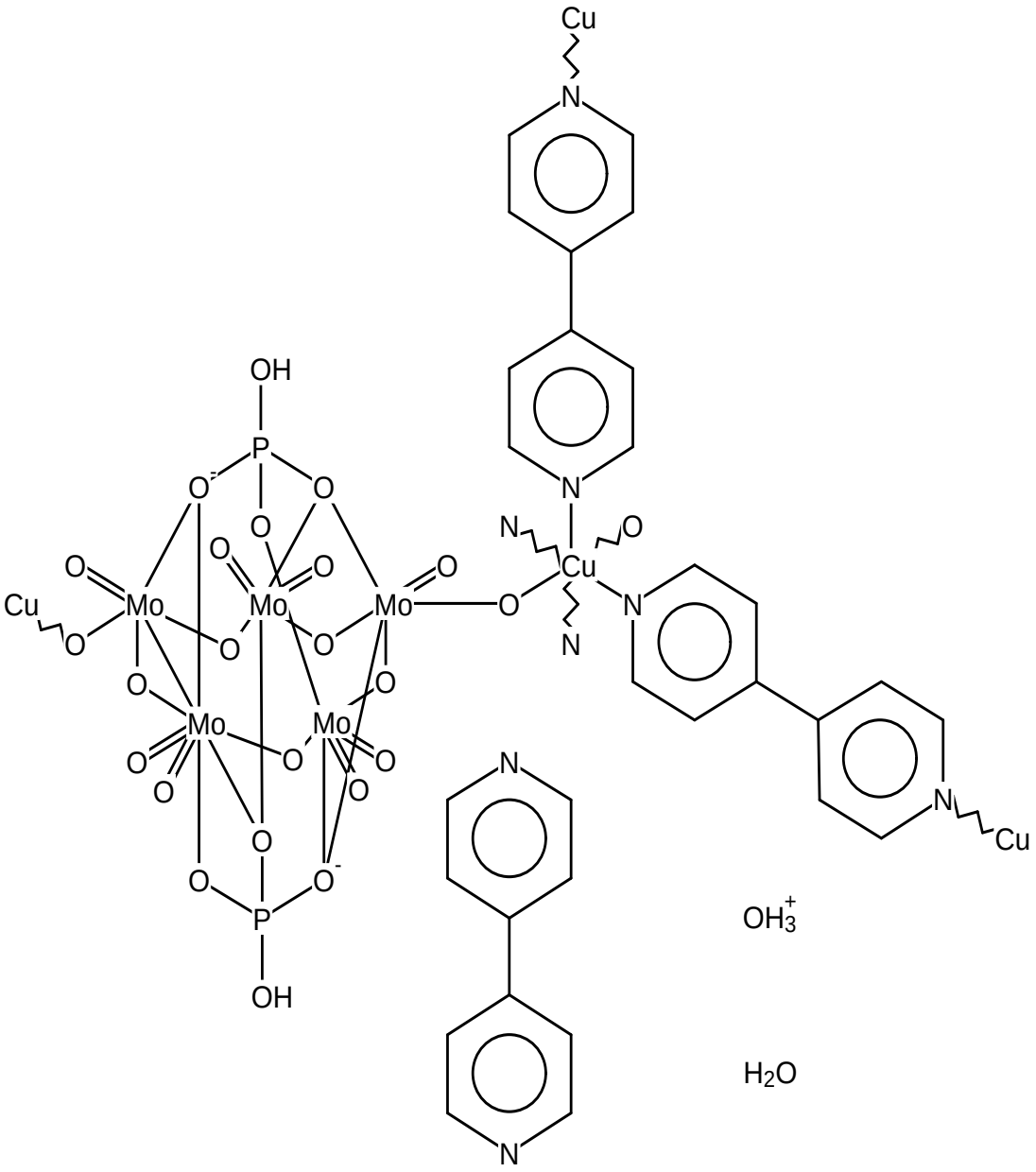
Reference: Guangzhe Li, C.Salim, H.Hinode (2008)
Solid State Sciences ,**10,**121

Formula: $(C_{10}\ H_8\ N_2)2n,n(C_{20}\ H_{18}\ Cu_1\ Mo_5\ N_4\ O_{23}\ P_2\ ^{2-}),2n(H_3\ O_1\ ^{1+}),3n(H_2\ O_1)$

Compound Name: catena-(Dioxonium bis(μ_5-hydrogen phosphato)-bis(μ_2-4,4'-bipyridine)-heptakis(μ_2-oxo)-octaoxo-copper(ii)-penta-molybdenum trihydrate bis(4,4'-bipyridine) clathrate)

Space Group:	C2/c	***Cell:***	***a***	17.667(3)	***b*** 13.669(3)	***c***	25.067(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.48(0)	γ	90.00

R-Factor (%): 7.23 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.946



Search: search1 (Thu May 26 10:05:42 2011): Hit 3027

YOMJAM

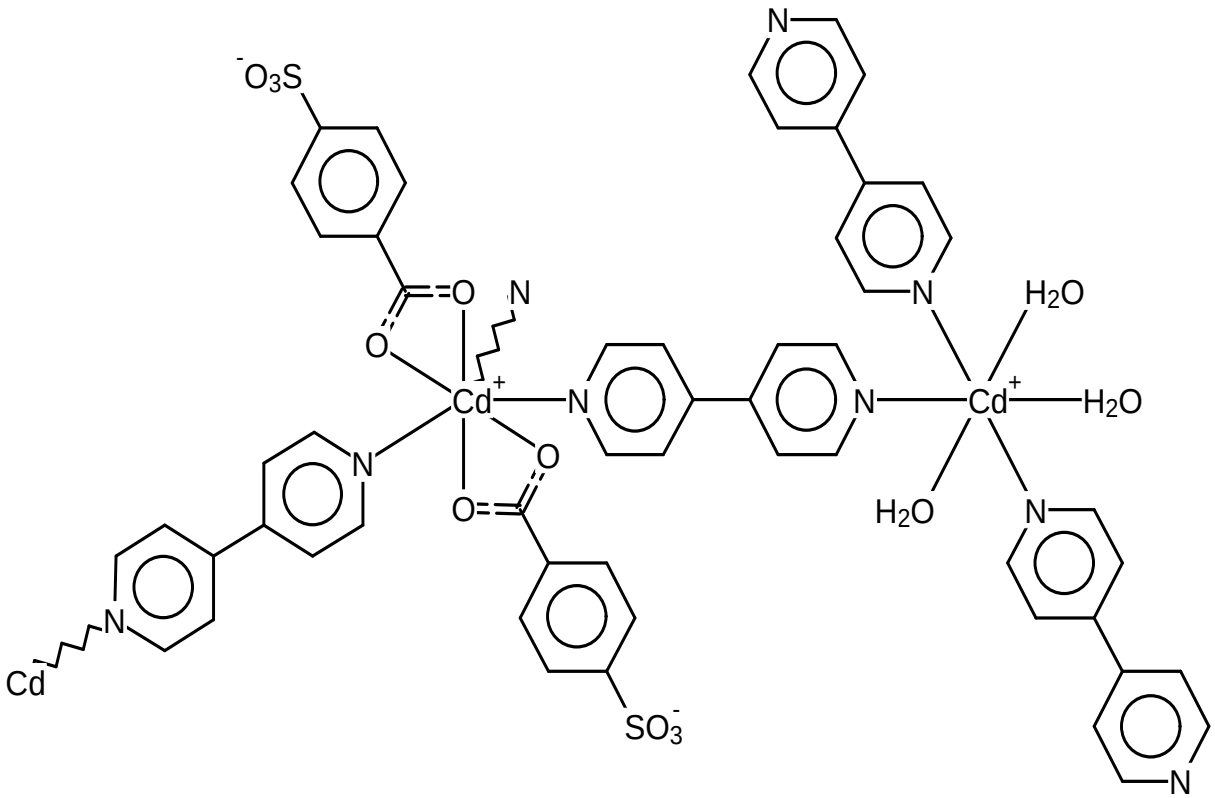
Reference: Lu-Fang Ma, Jian-Qiang Liu, Li-Ya Wang (2007)
Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem. ,**37,**501

Formula: $(C_{54}\ H_{46}\ Cd_2\ N_8\ O_{13}\ S_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N')-bis(4-sulfobenzoato-O,O')-bis(4,4'-bipyridine-N)-triaqua-di-cadmium(ii) trihydrate)

Space Group:	Cc	***Cell:***	***a***	12.492(1)	***b*** 19.023(2)	***c***	23.501(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β 101.16(0)	γ	90.00

R-Factor (%):	4.02	***Temperature(K):***	291	***Density(g/cm^3):***	1.646



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3028

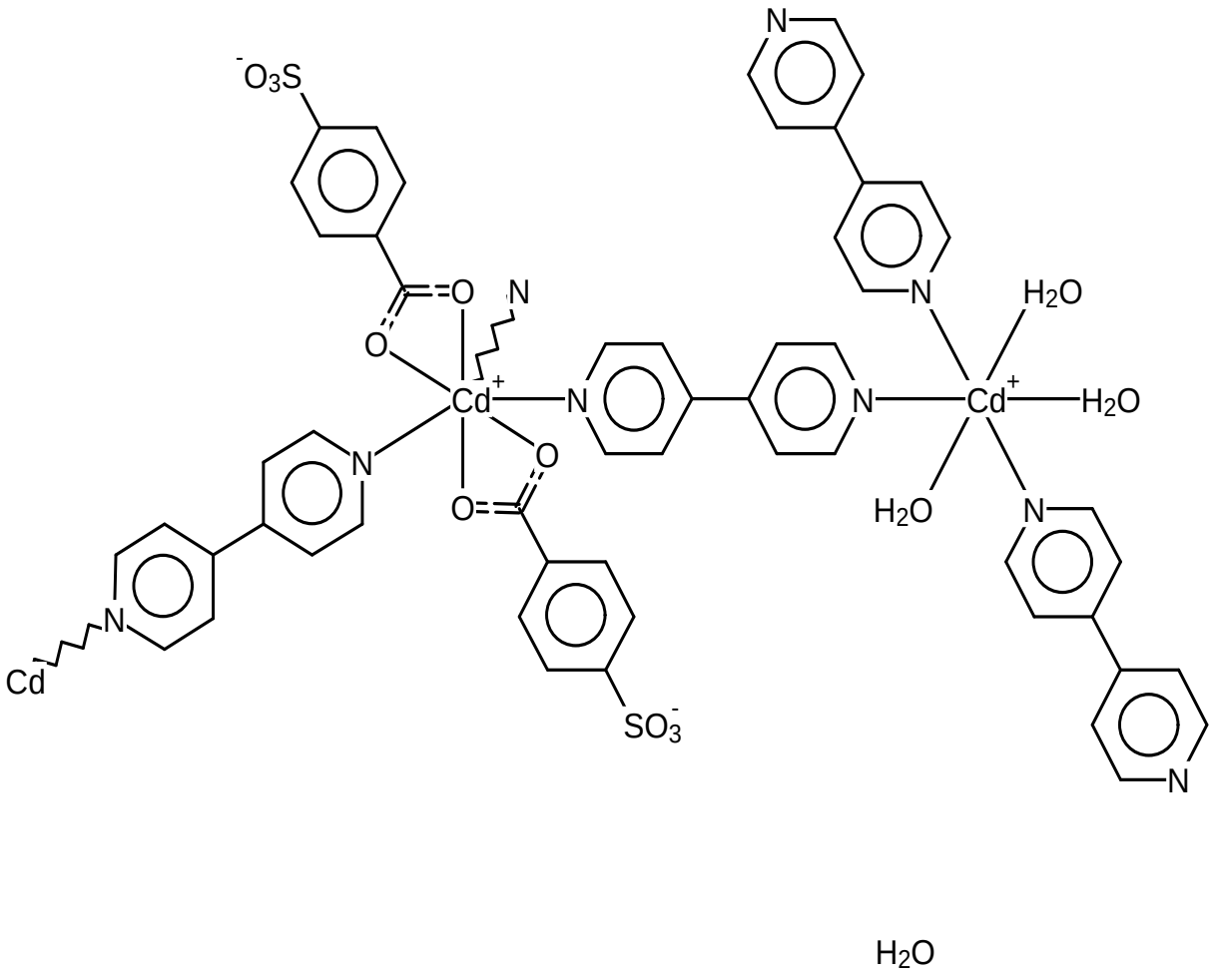
YOMJAM01

Reference: Lu-Fang Ma, Jian-Qiang Liu, Li-Ya Wang (2007)
Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem. ,**37,**647

Formula: $(C_{54}\ H_{46}\ Cd_2\ N_8\ O_{13}\ S_2)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridine-N,N')-bis(4-sulfobenzoato-O,O')-bis(4,4'-bipyridine-N)-triaqua-di-cadmium(ii) trihydrate)

Space Group:	Cc	***Cell:***	***a***	12.492(1)	***b***	19.023(2)	***c*** 23.501(3)
Space Group No.:	9	***(Å,°)***	α	90.00	β	101.16(0)	γ 90.00
R-Factor (%):	4.02	***Temperature(K):***	291		***Density(g/cm^3):***		1.646



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3029

YONNUL

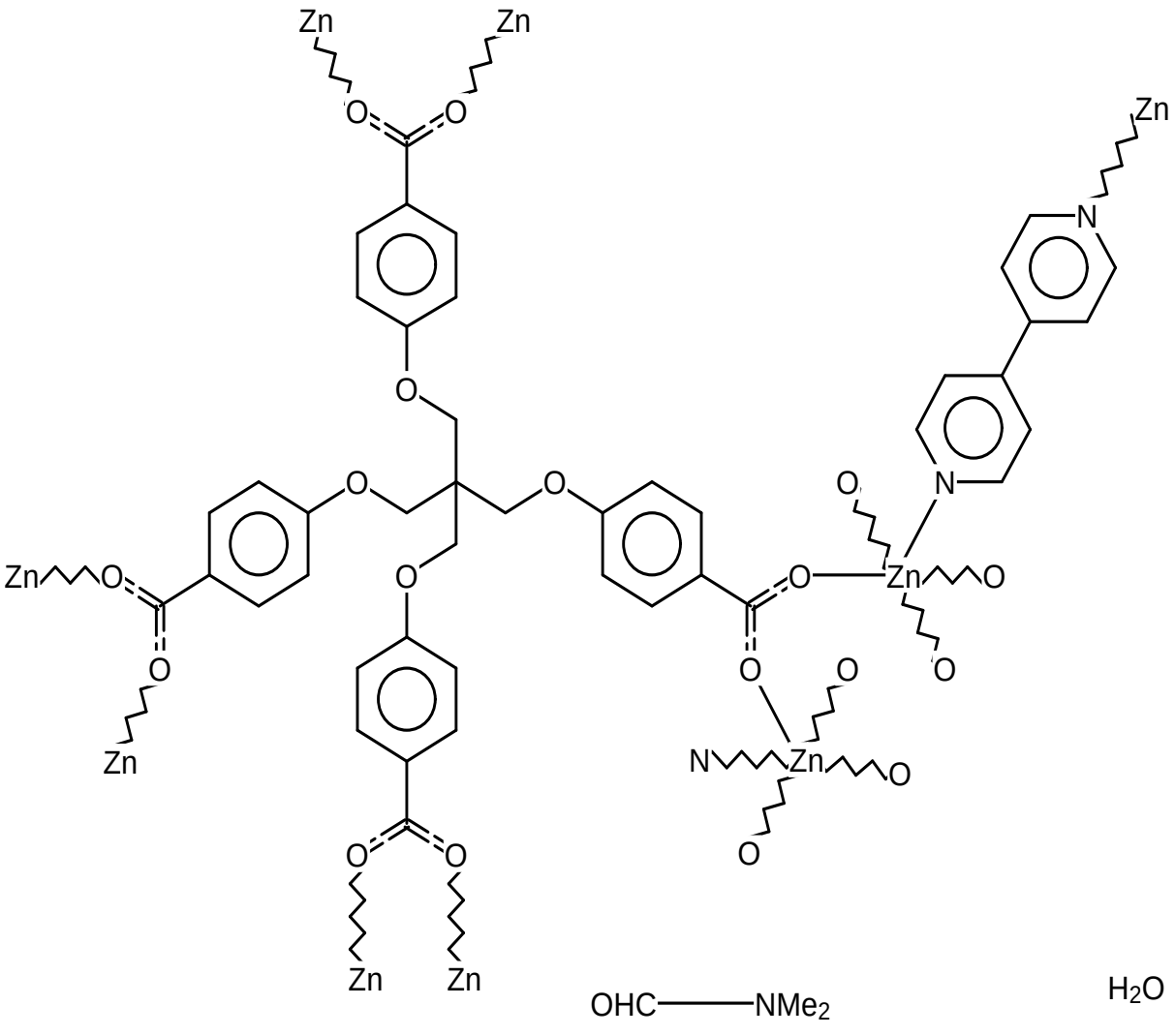
Reference: P.K.Thallapally, Jian Tian, M.R.Kishan, C.A.Fernandez, S.J.Dalgarno, P.B.McGrail, J.E.Warren, J.L.Atwood (2008) *J.Am.Chem.Soc.* ,**130,**16842

Formula: $(C_{43}\ H_{32}\ N_2\ O_{12}\ Zn_2)n,1.5n(C_3\ H_7\ N_1\ O_1),n(H_2\ O_1)$

Compound Name: catena-((μ_8-tetrakis((4-carboxylatophenyl)oxymethyl)methane)-(μ_2-4, 4'-bipyridine)-di-zinc(ii) dimethylformamide solvate monohydrate)

Space Group:	C2/c	***Cell:***	***a*** 20.048(3)	***b*** 19.537(2)	***c*** 30.521(4)
Space Group No.:	15	***(Å,°)***	α 90.00	β 96.87(0)	γ 90.00

R-Factor (%): 8.00 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.150


Zn
Zn
O
O
O

Search: search1 (Thu May 26 10:05:42 2011): Hit 3030

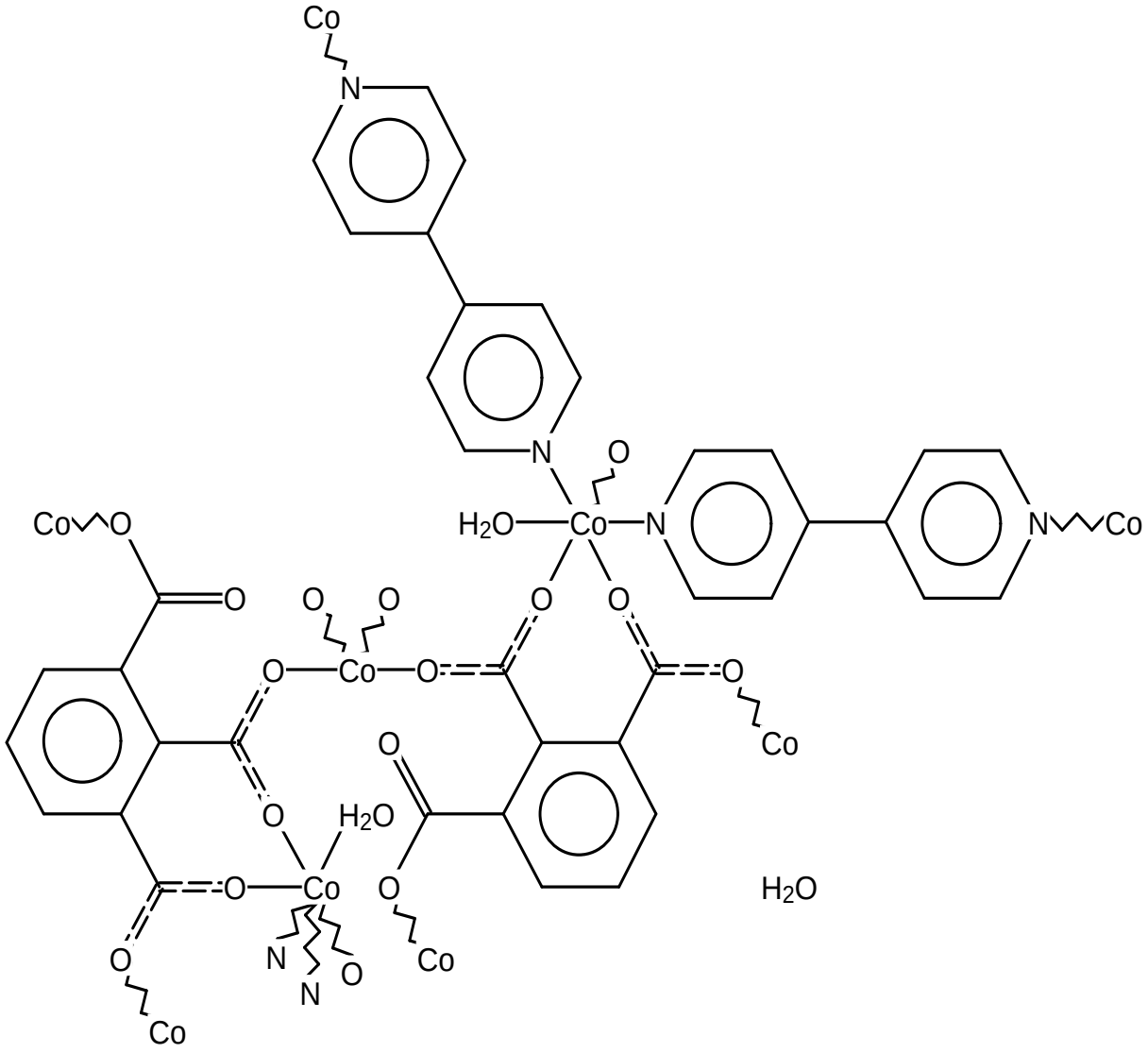
YOPMAS

Reference: Yan-Zhen Zheng, Yue-Biao Zhang, Ming-Liang Tong, Wei Xue, Xiao-Ming Chen (2009) *Dalton Trans.* ,1396

Formula: $(C_{38}\ H_{26}\ Co_3\ N_4\ O_{14})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-1,2,3-Benzenetricarboxylato)-bis(μ_2-4,4'-bipyridine)-diaqua-tri-cobalt(ii) dihydrate)

Space Group:	C2/c	***Cell:***	***a***	30.386(5)	***b***	11.058(1)	***c*** 12.034(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β	100.59(0)	γ 90.00
R-Factor (%):	8.74	***Temperature(K):***	293		***Density(g/cm^3):***		1.630



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3031

YOPMEW

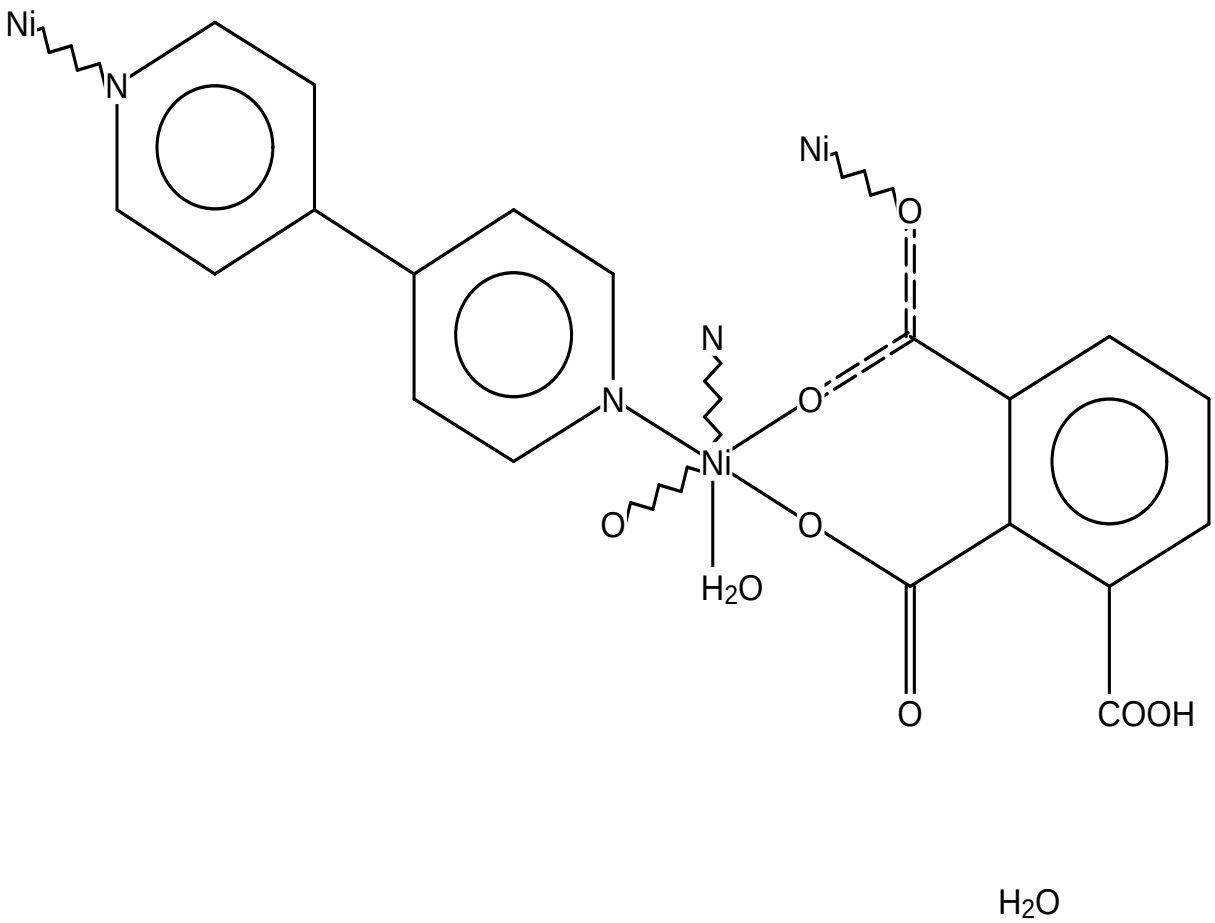
Reference: Yan-Zhen Zheng, Yue-Biao Zhang, Ming-Liang Tong, Wei Xue, Xiao-Ming Chen (2009) *Dalton Trans.* ,1396

Formula: $(C_{19}\ H_{14}\ N_2\ Ni_1\ O_7)n,n(H_2\ O_1)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-(μ_2-3-carboxy-1,2-benzenedicarboxylato)-aqua-nickel(ii) monohydrate)

Space Group:	P21/n	***Cell:***	***a***	11.280(1)	***b*** 8.493(0)	***c***	19.965(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.32(0)	γ	90.00

R-Factor (%): 4.04 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.632



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3032

YOPMIA

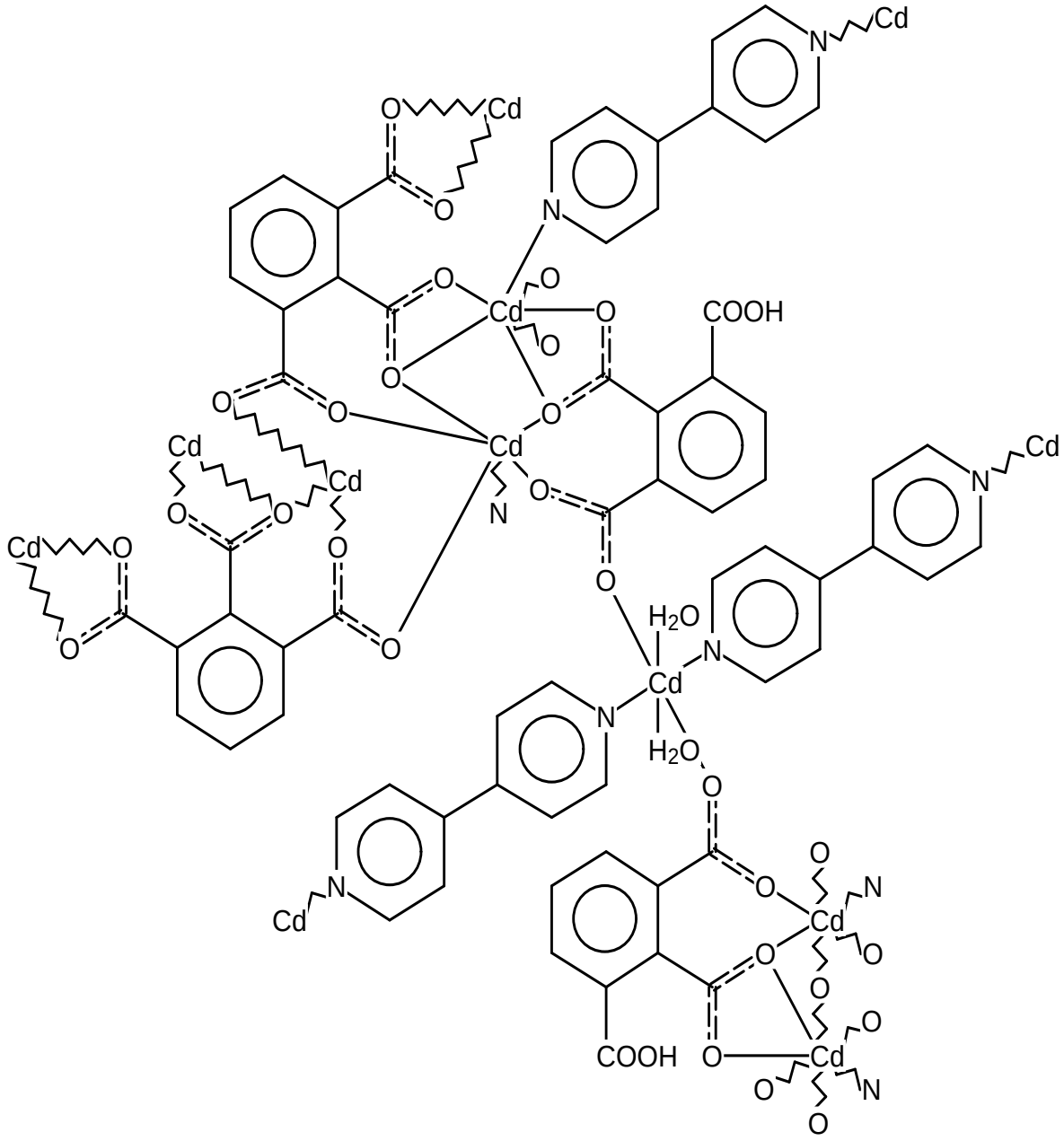
Reference: Yan-Zhen Zheng, Yue-Biao Zhang, Ming-Liang Tong, Wei Xue, Xiao-Ming Chen (2009) *Dalton Trans.* ,1396

Formula: $(C_{66}\ H_{42}\ Cd_5\ N_6\ O_{26})n$

Compound Name: catena-(bis(μ_4-1,2,3-Benzenetricarboxylato)-bis(μ_3-3-carboxy-1,2-benzenedicarboxylato)-tris(μ_2-4,4'-bipyridine)-diaqua-penta-cadmium(ii))

Space Group:	P-1	***Cell:***	***a*** 10.769(2)	***b*** 12.832(3)	***c*** 13.313(3)
Space Group No.:	2	***(Å,°)***	α 115.80(3)	β 100.81(3)	γ 90.37(3)

R-Factor (%): 5.76 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.946



Search: search1 (Thu May 26 10:05:42 2011): Hit 3033

YORPEB

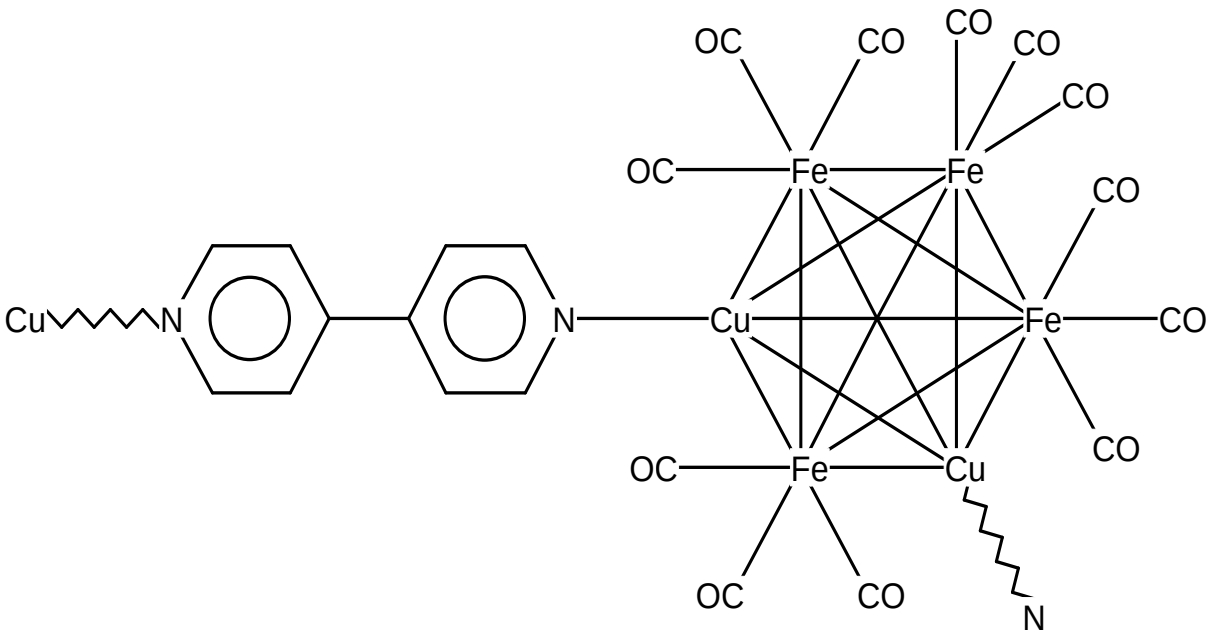
Reference: C.Femoni, R.D.Pergola, M.C.Iapalucci, F.Kaswalder, M.Ricco, S.Zacchini (2009) *Dalton Trans.* ,1509

Formula: $(C_{23}\ H_8\ Cu_2\ Fe_4\ N_2\ O_{12})n$

Compound Name: catena-[(μ_6-Carbido)-(μ_2-4,4'-bipyridine-N,N')-dodecacarbonyl-di-copper-tetra-iron]

Space Group:	C2/c	***Cell:***	***a***	12.891(0)	***b*** 12.423(0)	***c***	17.388(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 100.31(0)	γ	90.00

R-Factor (%): 3.10 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.072



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3034

YORPUR

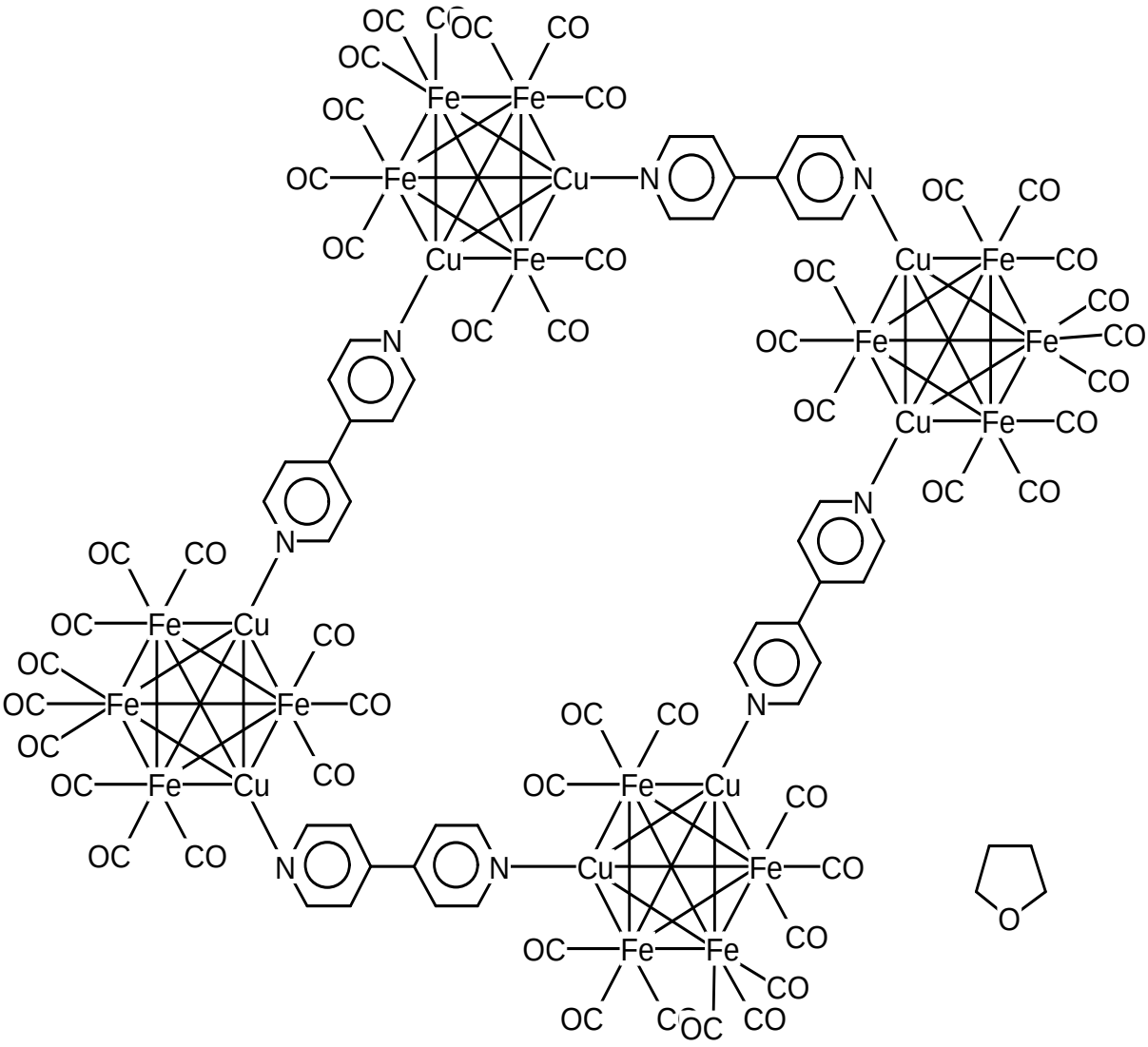
Reference: C.Femoni, R.D.Pergola, M.C.Iapalucci, F.Kaswalder, M.Ricco, S.Zacchini (2009) *Dalton Trans.* ,1509

Formula: $C_{92}\ H_{32}\ Cu_8\ Fe_{16}\ N_8\ O_{48}$,8($C_4\ H_8\ O_1$)

Compound Name: tetrakis(μ_6-Carbido)-tetrakis(4,4'-bipyridine-N,N')-octatetracontacarbonyl-octa-copper-hexadeca-iron tetrakis(tetrahydrofuran) clathrate tetrahydrofuran solvate

Space Group:	I41/a	***Cell:***	***a***	22.578(0)	***b***	22.578(0)	***c***	29.413(1)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.89 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.770



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3035

YOVQOQ

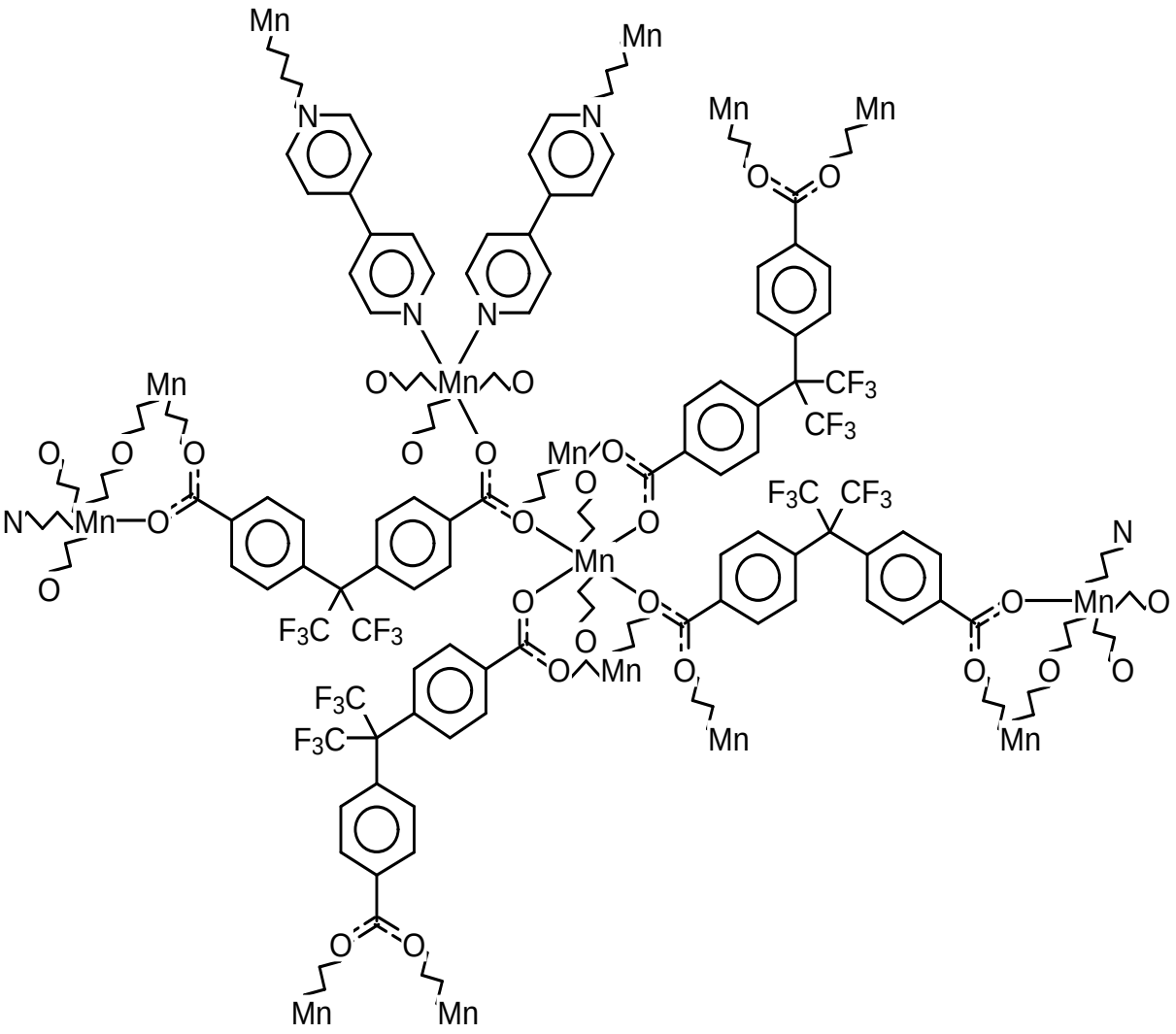
Reference: Lei Han, Yan Zhou, Xiu-Teng Wang, Xing Li, Ming-Liang Tong (2009) *J.Mol.Struct.* ,**923,**24

Formula: $(C_{88}\ H_{48}\ F_{24}\ Mn_4\ N_4\ O_{16})n$

Compound Name: catena-[bis(μ_5-4,4'-(Hexafluoroisopropylidene)-bis(benzoato)-O,O,O',O'',O''')-bis(μ_4-4,4'-(hexafluoroisopropylidene)-bis(benzoato)-O,O',O'',O''')-bis(μ_2-4,4'-bipyridine-N,N')-tetra-manganese(ii)]

Space Group:	P21/c	***Cell:***	***a***	13.715(3)	***b*** 13.034(3)	***c***	24.934(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.15(3)	γ	90.00

R-Factor (%): 4.62 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.661


Mn
Mn
N
N
N
N
Mn
O
Mn
O
O
O
Mn
O
O
O
O
Mn
O
O
O
N
Mn
O
O
O
Mn
O
O
O
Mn
O
O
O

Search: search1 (Thu May 26 10:05:42 2011): Hit 3036

YOYVUE

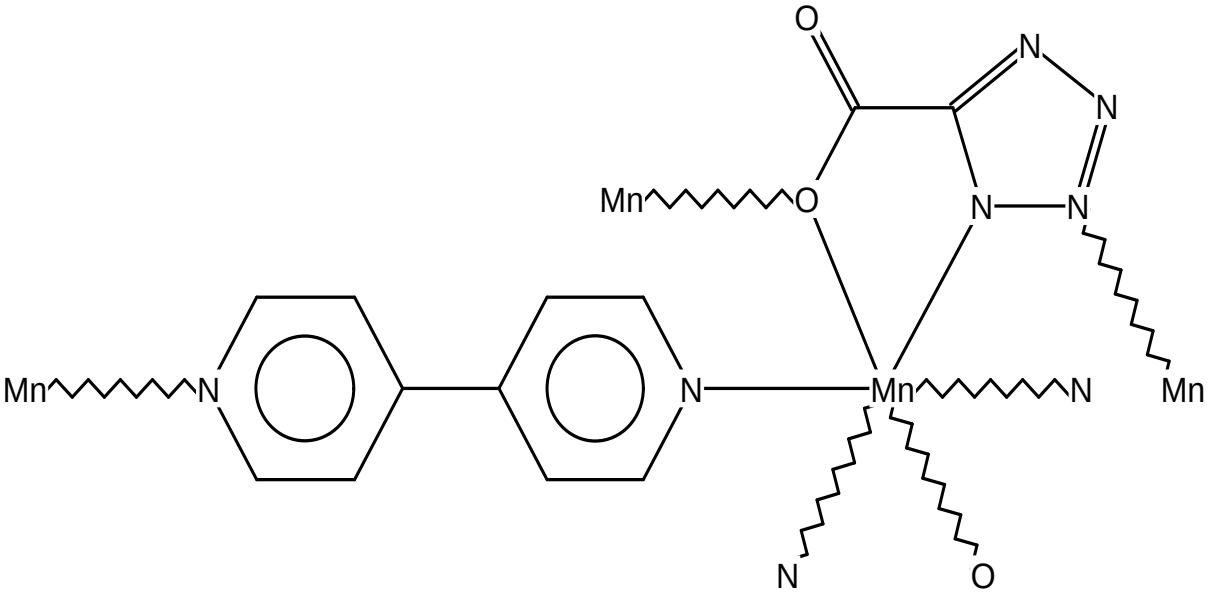
Reference: Qin-Xiang Jia, Wei-Wei Sun, Cheng-Fu Yao, Hai-Hong Wu, En-Qing Gao, Cai-Ming Liu (2009) *Dalton Trans.* ,2721

Formula: $(C_{12}\ H_8\ Mn_1\ N_6\ O_2)n$

Compound Name: catena-((μ_3-Tetrazolate-5-carboxylato-N,N',O,O)-(μ_2-4,4'-bipyridine-N,N')-manganese(ii))

Space Group:	C2/c	***Cell:***	***a***	13.626(3)	***b*** 14.908(3)	***c***	7.440(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 121.61(3)	γ	90.00

R-Factor (%): 7.56 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.668



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3037

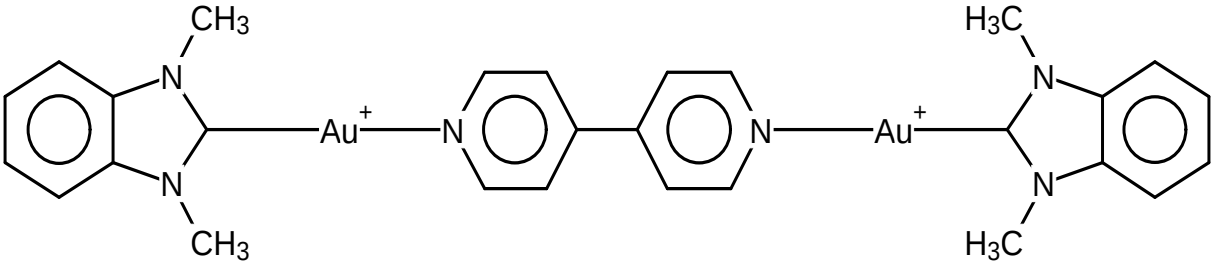
YOZPAF

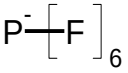
Reference: J.Y.Z.Chiou, S.C.Lou, W.C.You, A.Bhattacharyya, C.S.Vasam, C.H.Huang, I.J.B.Lin (2009) *Eur.J.Inorg.Chem.* ,1950

Formula: $C_{28}\ H_{28}\ Au_2\ N_6\ ^{2+},2(F_6\ P_1\ ^{1-}),H_2\ O_1$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(1,3-dimethylbenzimidazol-2-ylidene)-di-gold(i) bis(hexafluorophosphate) monohydrate

Space Group:	Cmmm	***Cell:***	***a*** 7.044(1)	***b*** 28.643(4)	***c*** 9.956(1)
Space Group No.:	65	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	4.56	***Temperature(K):***	298	***Density(g/cm^3):***	1.902





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3038

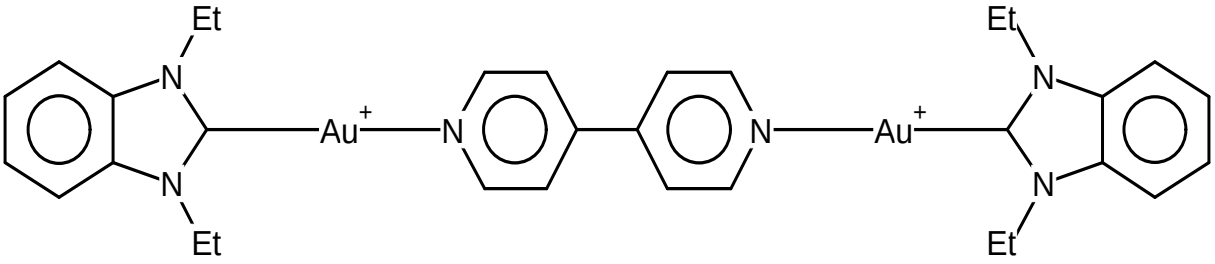
YOZPEJ

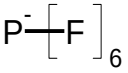
Reference: J.Y.Z.Chiou, S.C.Lou, W.C.You, A.Bhattacharyya, C.S.Vasam, C.H.Huang, I.J.B.Lin (2009) *Eur.J.Inorg.Chem.* ,1950

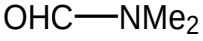
Formula: $C_{32}\ H_{36}\ Au_2\ N_6\ ^{2+}$,2($F_6\ P_1\ ^{1-}$),2($C_3\ H_7\ N_1\ O_1$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(1,3-diethylbenzimidazol-2-ylidene)-di-gold(i) bis(hexafluorophosphate) dimethylformamide solvate

Space Group:	P-1	***Cell:***	***a***	8.131(0)	***b***	10.651(1)	***c*** 13.280(1)
Space Group No.:	2	***(Å,°)***	α	93.47(0)	β	93.64(0)	γ 91.53(0)
R-Factor (%):	3.73	***Temperature(K):***	273	***Density(g/cm^3):***	1.935		







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3039

YOZTIR

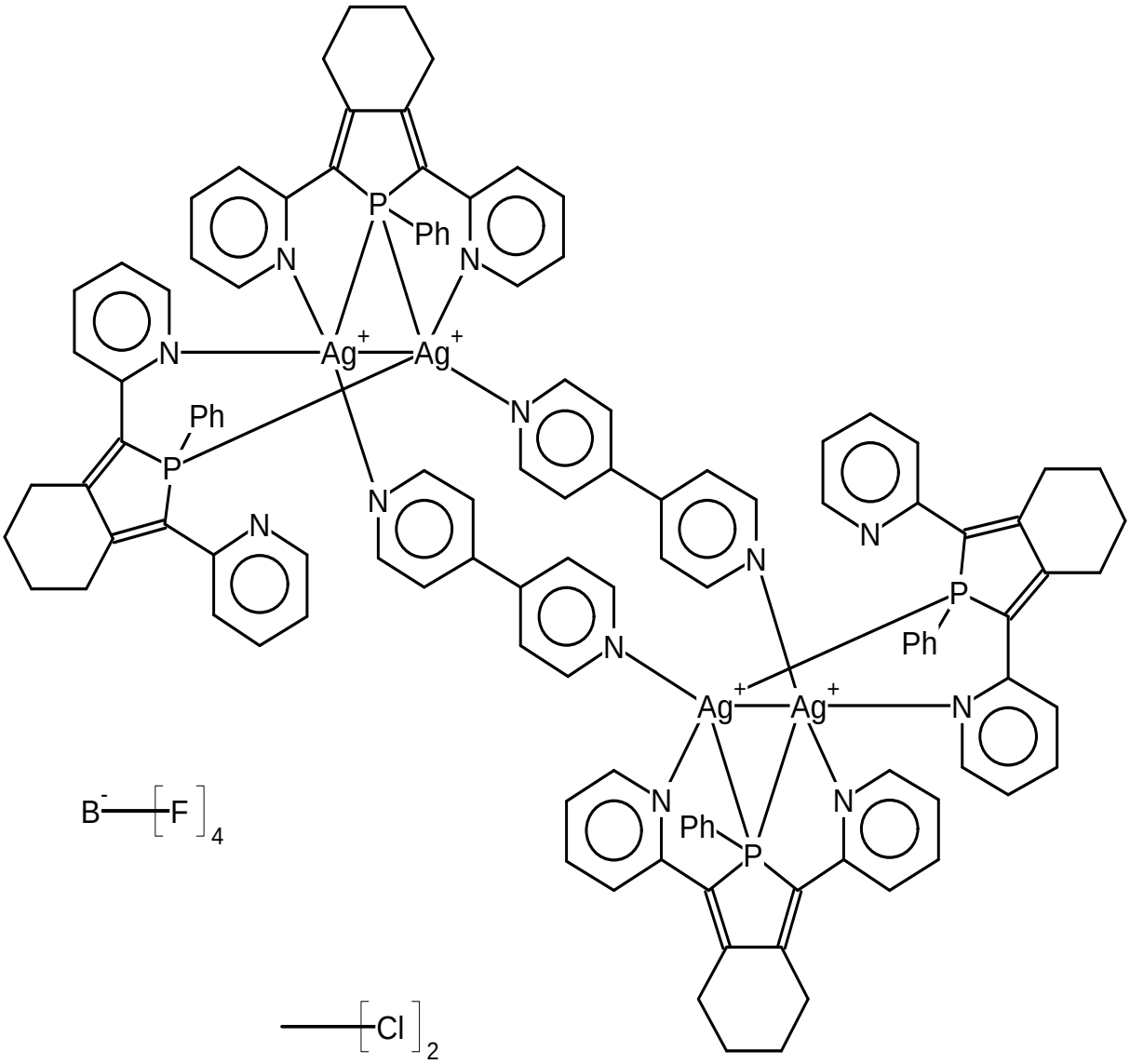
Reference: S.Welsch, B.Nohra, E.V.Peresypkina, C.Lescop, M.Scheer, R.Reau (2009) *Chem.-Eur.J.* ,**15,**4685

Formula: $C_{116}\ H_{100}\ Ag_4\ N_{12}\ P_4\ ^{4+}$,4($B_1\ F_4\ ^{1-}$),10($C_1\ H_2\ Cl_2$)

Compound Name: bis(μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-1,3-bis(2-pyridyl)-2-phenyl-4,5,6,7-tetrahydro-2H-isophosphindole-N,N',P,P)-bis(μ_2-1,3-bis(2-pyridyl)-2-phenyl-4,5,6,7-tetrahydro-2H-isophosphindole-N,P)-tetra-silver(i) tetrakis(tetrafluoroborate) dichloromethane solvate

Space Group:	P21/n	***Cell:***	***a***	16.844(0)	***b***	21.648(0)	***c***	19.400(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	92.80(0)	γ	90.00

R-Factor (%): 3.98 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3040

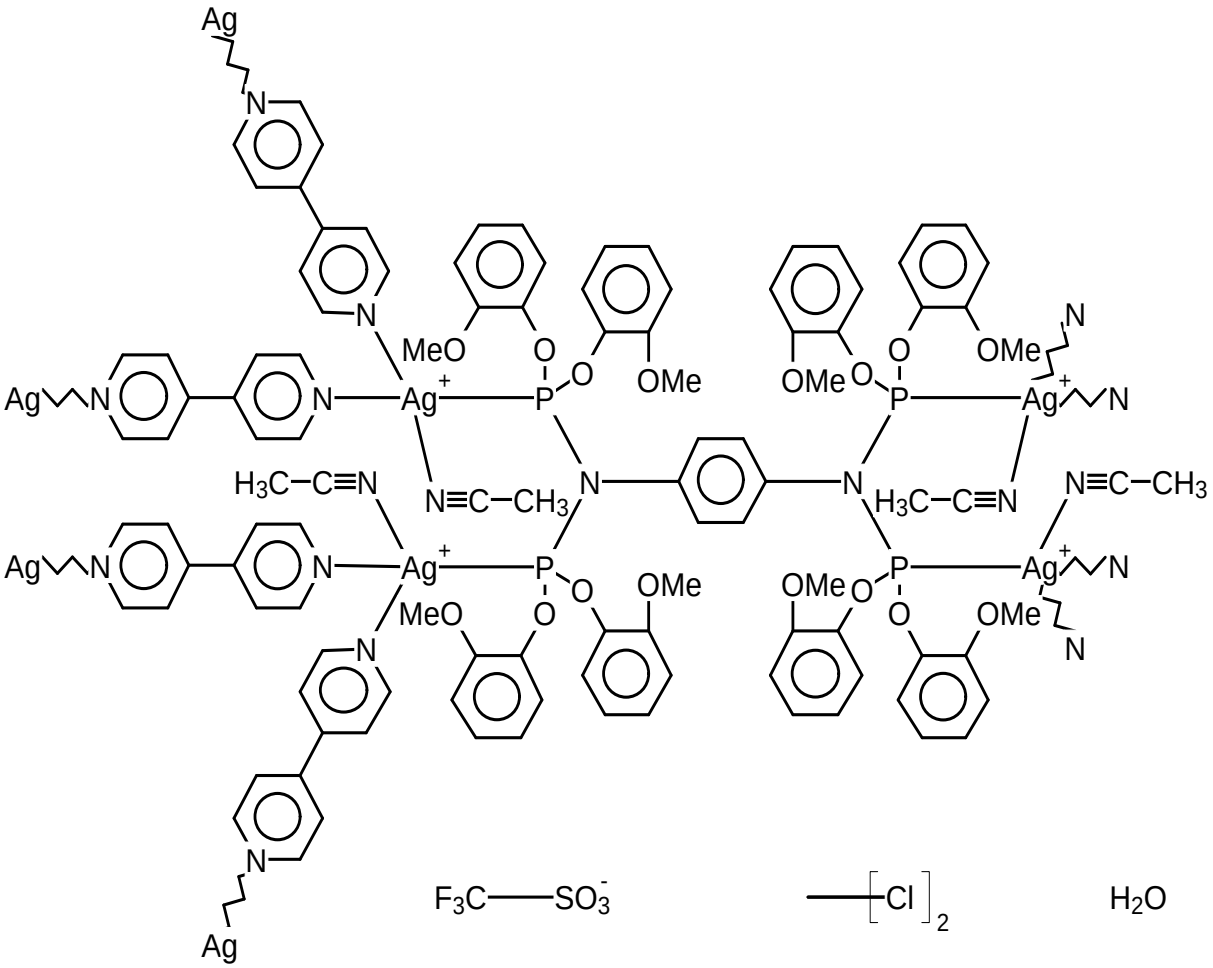
YUBSUK

Reference: C.Ganesamoorthy, M.S.Balakrishna, J.T.Mague (2009) *Inorg.Chem. ,***48,**3768

Formula: $(C_{110}\ H_{104}\ Ag_4\ N_{14}\ O_{16}\ P_4\ ^{4+})n,4n(C_1\ F_3\ O_3\ S_1\ ^{1-}),0.5n(C_1\ H_2\ Cl_2),n(H_2\ O_1)$

Compound Name: catena-[(μ_4-1,4-bis(bis(bis(2-Methoxyphenoxy)phosphino)amino) benzene-P,P',P'',P''')-tetrakis(μ_2-4,4'-bipyridine-N,N')-tetrakis(acetonitrile) -tetra-silver(i) tetrakis(trifluoromethanesulfonate) dichloromethane solvate monohydrate]

Space Group:	P-1	***Cell:***	***a***	13.465(2)	***b***	15.172(2)	***c***	18.297(2)
Space Group No.:	2	***(Å,°)***	α	103.97(0)	β	103.25(0)	γ	104.15(0)
R-Factor (%):	6.69	***Temperature(K):***	100	***Density(g/cm^3):***	1.533			



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3041

YUCHAF

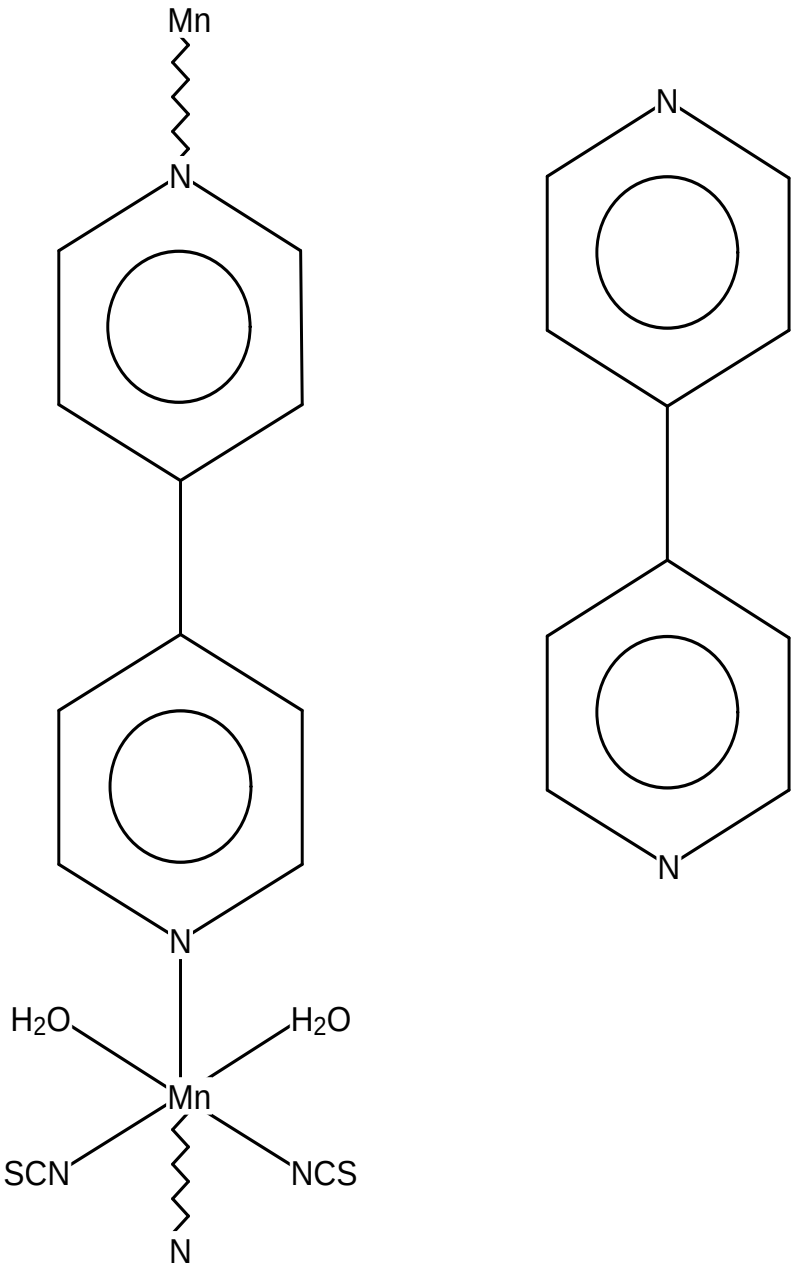
Reference: Ming-Xing Li, Gao-Yang Xie, Yi-Dong Gu, Jan Chen, Pei-Ju Zheng (1995) *Polyhedron* ,**14,**1235

Formula: $(C_{12}\ H_{12}\ Mn_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena(Diaqua-di-isothiocyanato-(μ_2-4,4'-bipyridyl-N,N')-manganese(ii) 4,4'-bipyridine)

Space Group:	P1	***Cell:***	***a***	7.468(3)	***b*** 9.071(2)	***c***	10.178(4)
Space Group No.:	1	***(Å,°)***	α	107.77(2)	β 103.67(2)	γ	96.07(2)

R-Factor (%): 4.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.378



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3042

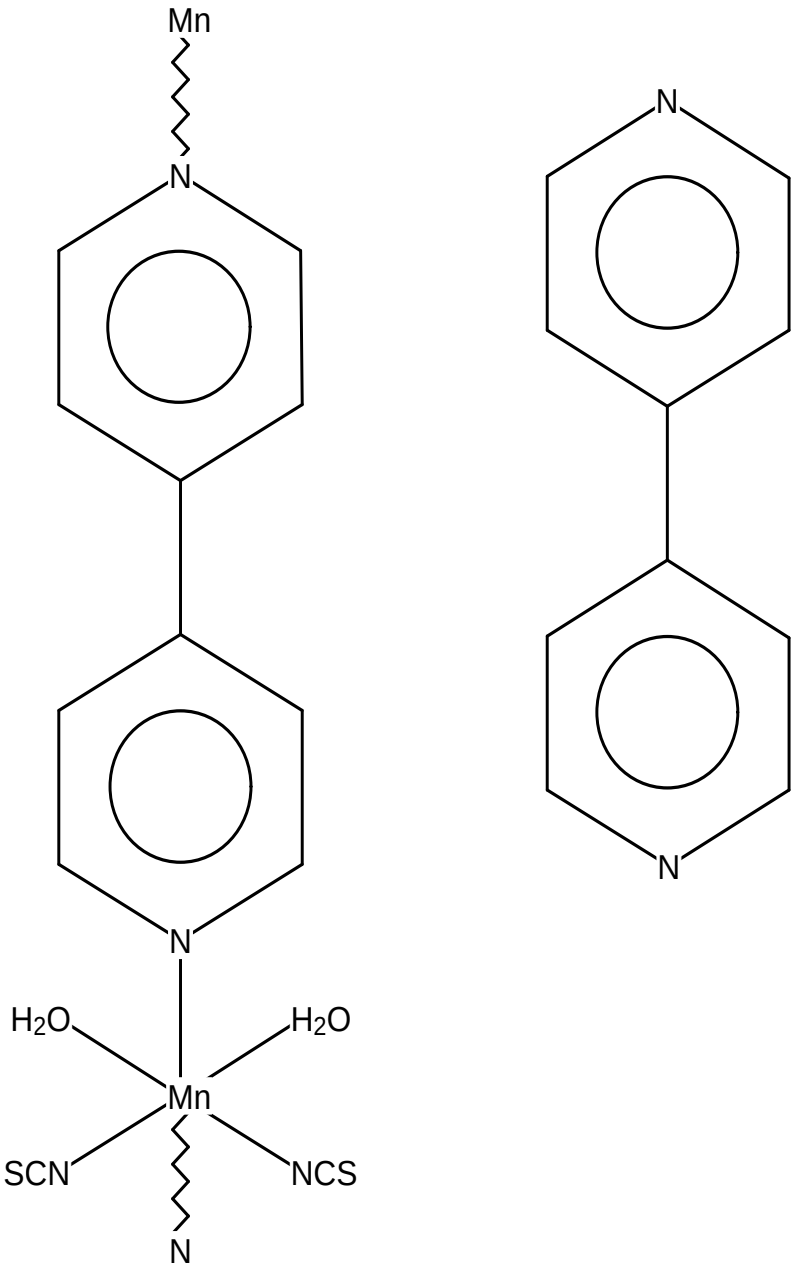
YUCHAF01

Reference: R.E.Marsh (1999) *Acta Crystallogr.,Sect.B:Struct.Sci.* ,**55,** 931

Formula: $(C_{12}\ H_{12}\ Mn_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena(Diaqua-di-isothiocyanato-(μ_2-4,4'-bipyridyl-N,N')-manganese(ii) 4,4'-bipyridine)

Space Group:	P-1	***Cell:***	***a*** 7.468	***b*** 9.071	***c*** 10.178
Space Group No.:	2	***(Å,°)***	α 107.77	β 103.67	γ 96.07
R-Factor (%):	0.00	***Temperature(K):***	295	***Density(g/cm^3):***	1.378



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3043

YUCHAF02

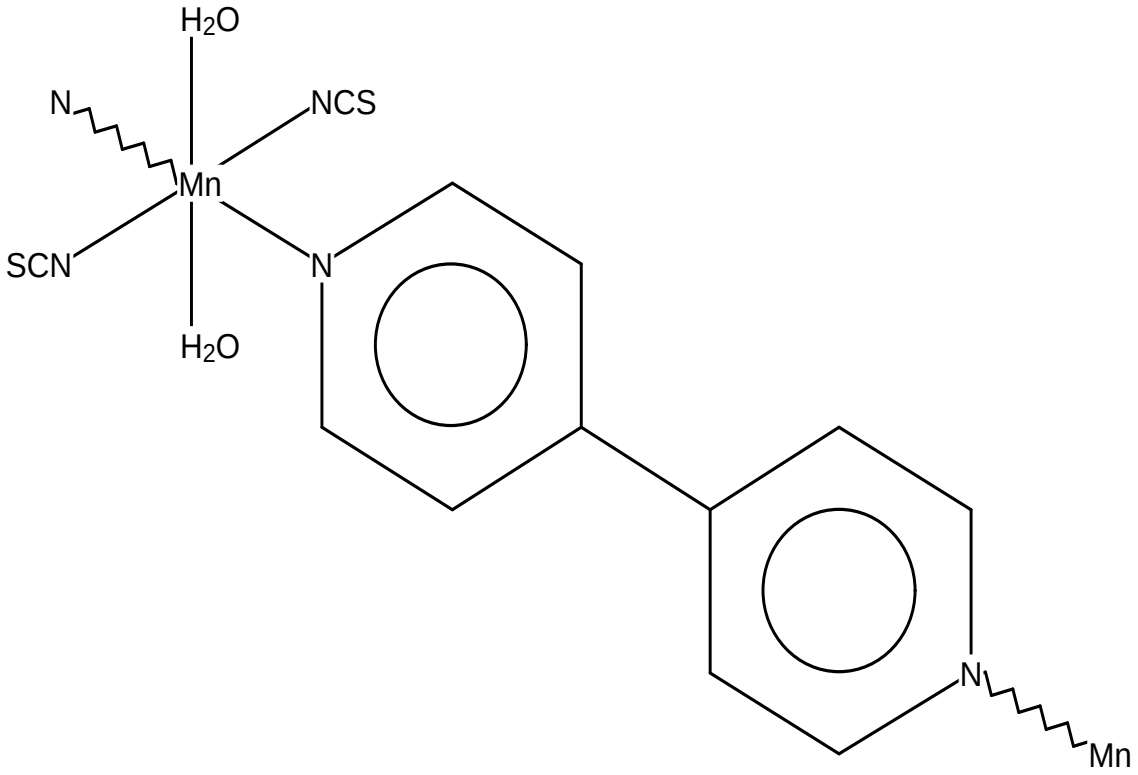
Reference: Hongwei Hou, Yongli Wei, Yaoting Fan, Chenxia Du, Yu Zhu, Yinglin Song, Yunyin Niu, Xinquan Xin (2001) *Inorg.Chim.Acta ,***319,**212

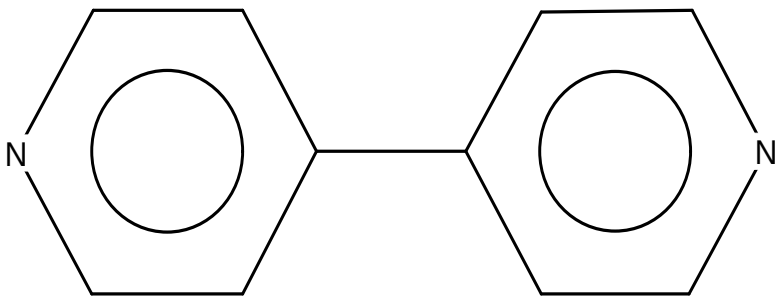
Formula: $(C_{12}\ H_{12}\ Mn_1\ N_4\ O_2\ S_2)n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-diaqua-bis(isothiocyanato)-manganese(ii) 4, 4'-bipyridine)

Space Group:		***Cell:***	***a***	9.140(10)	***b***	10.272(8)	***c*** 7.509(2)
Space Group No.:	0	***(Å,°)***	α	103.72(4)	β	95.83(8)	γ 107.94(8)

R-Factor (%): 0.00 ***Temperature(K):*** 295 ***Density(g/cm3):*** 1.348





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3044

YUCYEB

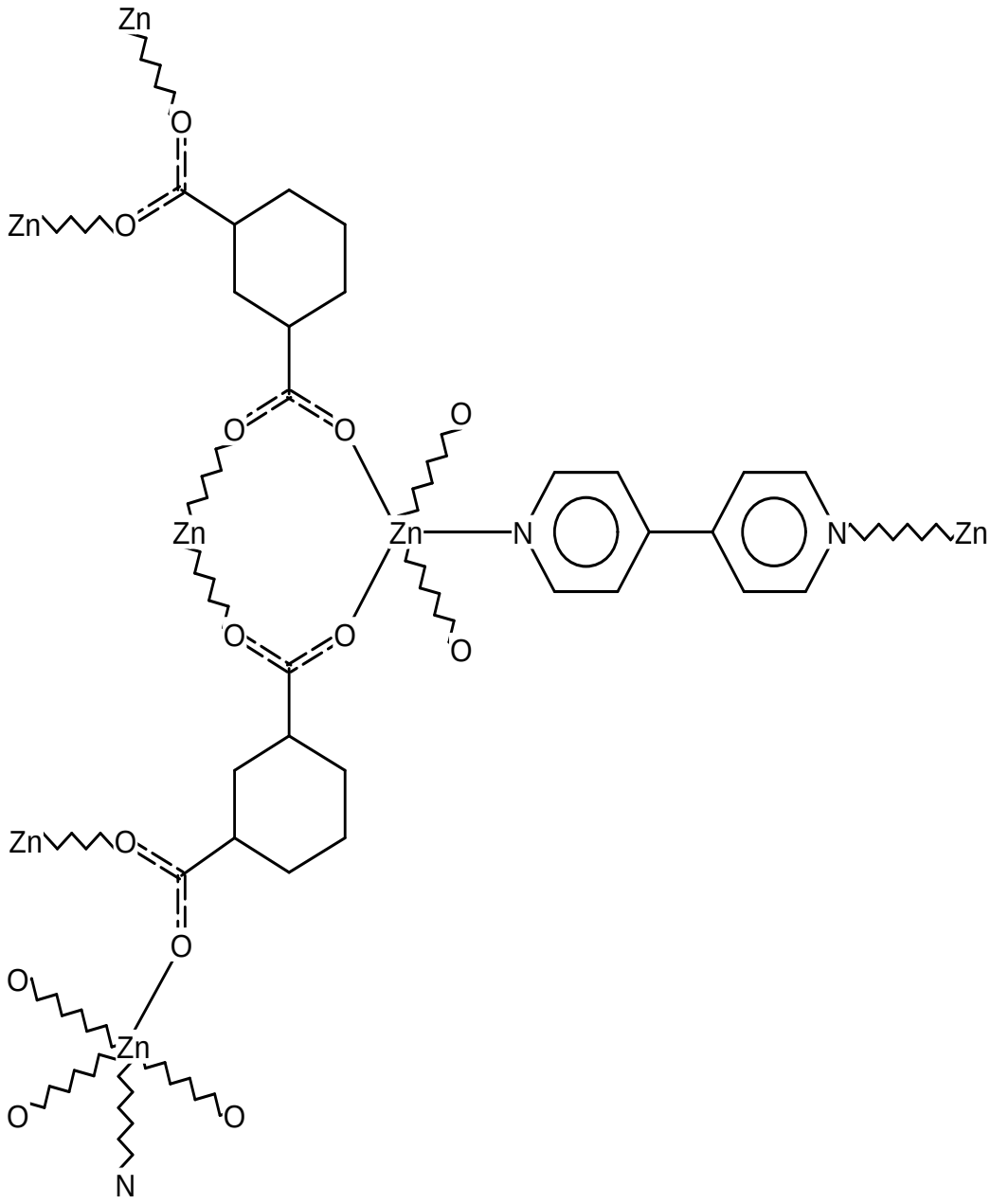
Reference: M.R.Rizal, S.W.Ng (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1179

Formula: $(C_{26}\ H_{28}\ N_2\ O_8\ Zn_2)n$

Compound Name: catena-(bis(μ_4-Cyclohexane-1,3-dicarboxylato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii))

Space Group:	C2/c	***Cell:***	***a***	22.251(2)	***b*** 13.436(1)	***c***	8.552(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 104.45(0)	γ	90.00

R-Factor (%):	5.00	***Temperature(K):***	100	***Density(g/cm^3):***	1.683



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3045

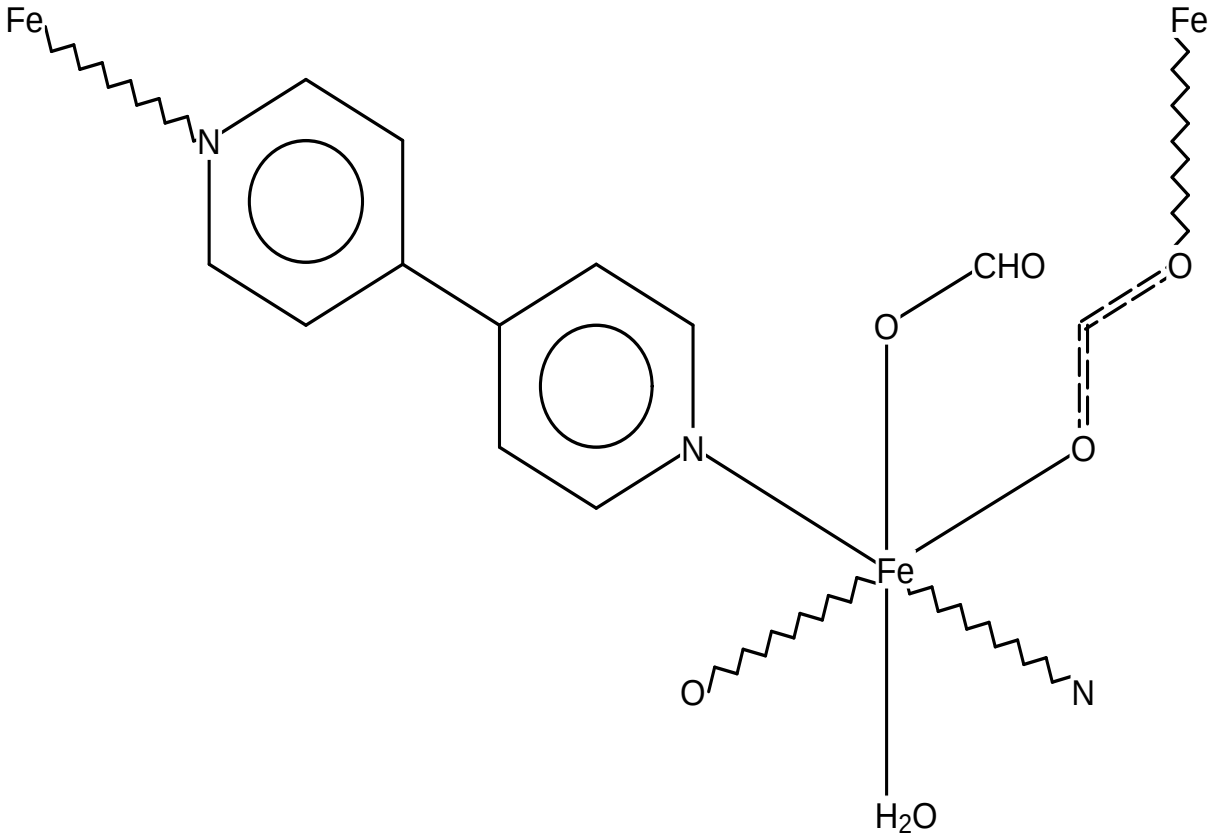
YUCZOM

Reference: Bin Jiang, Zhilu Liu (2009)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**65,**m1189

Formula: $(C_{12}\ H_{12}\ Fe_1\ N_2\ O_5)n,4n(H_2\ O_1)$

Compound Name: catena-($(\mu_2$-4,4'-Bipyridine-N,N')-$(\mu_2$-formato-O,O')-aqua-(formato-O)-iron(ii) tetrahydrate)

Space Group:	Cc	***Cell:***	***a***	10.502(0)	***b***	20.196(1)	***c*** 8.126(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β	102.37(0)	γ 90.00
R-Factor (%):	3.36	***Temperature(K):***	273		***Density(g/cm^3):***		1.547



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3046

YUDPOD

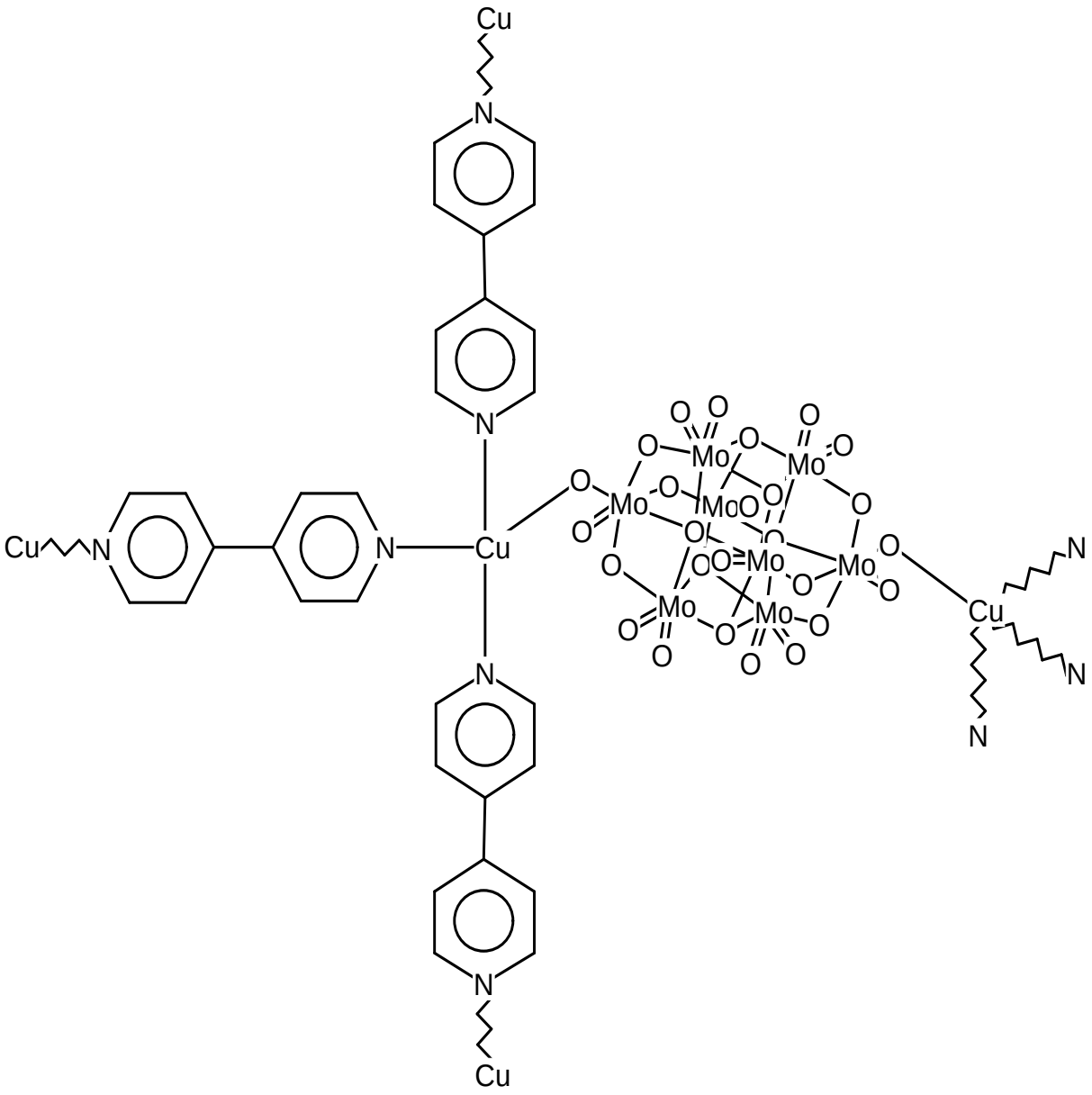
Reference: Wenju Wang, Lin Xu, Guanggang Gao, Fengyan Li, Xizheng Liu, Li Liu (2009) *Inorg.Chem.Commun. ,***12,**875

Formula: $(C_{30}\ H_{24}\ Cu_2\ Mo_8\ N_6\ O_{26})n$

Compound Name: catena-(tris(μ_2-4,4-Bipyridne)-(μ_2-octamolybdate)-di-copper)

Space Group:	I222	***Cell:***	***a***	11.787(1)	***b***	16.669(3)	***c*** 17.845(3)
Space Group No.:	23	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 7.11 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.528



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3047

YUFCUX

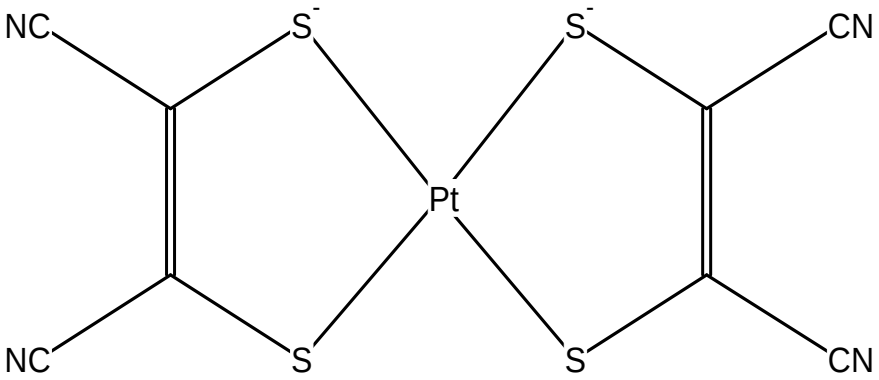
Reference: F.Knoch, U.Ammon, H.Kisch (1995) *Z.Kristallogr. ,***210,**78

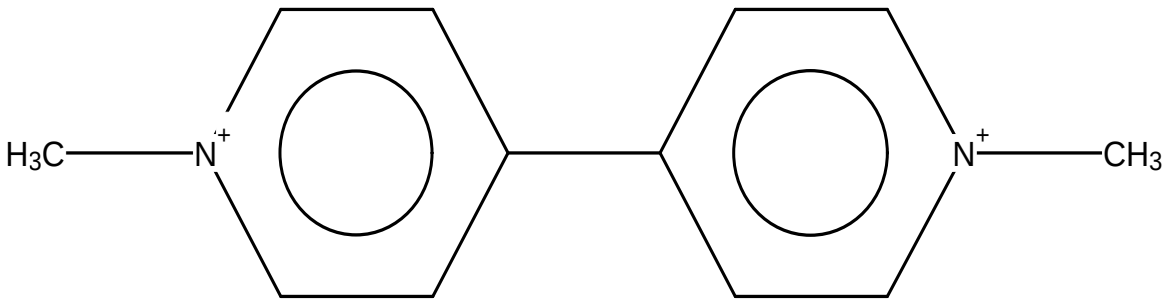
Formula: $C_8 N_4 Pt_1 S_4^{2-}, C_{12} H_{14} N_2^{2+}$

Compound Name: N,N'Dimethyl-2,2'-bipyridinium bis(cis-1,2-dicyanoethene-1,2-dithiolato)-platinum(ii)

Space Group:	P-1	***Cell:***	***a***	6.554(2)	***b***	7.693(2)	***c***	11.114(3)
Space Group No.:	2	***(Å,°)***	α	87.38(2)	β	83.49(2)	γ	81.90(2)

R-Factor (%): 6.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.994





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3048

YUGZIK

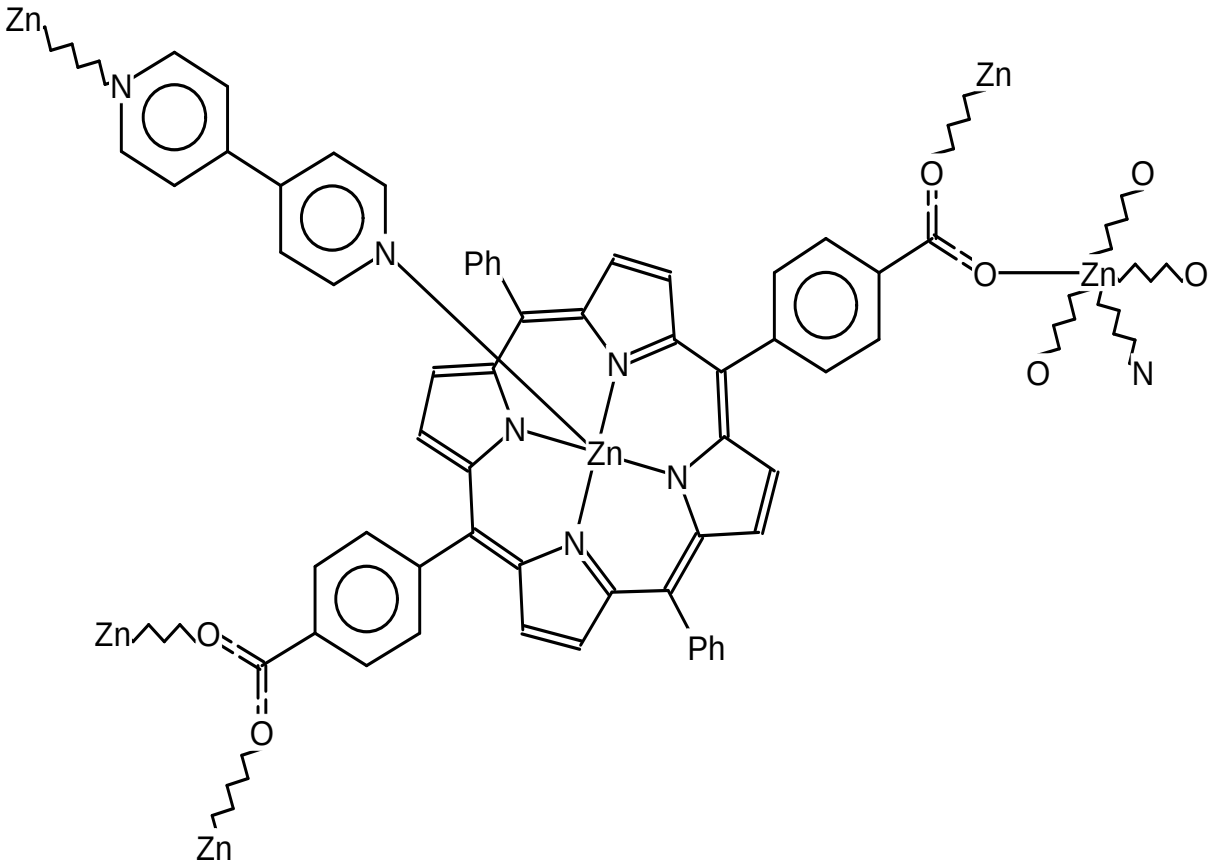
Reference: J.M.Verduzco, Haemi Chung, Chunhua Hu, Wonyoung Choe (2009) *Inorg.Chem. ,***48,**9060

Formula: $(C_{56}\ H_{34}\ N_6\ O_4\ Zn_2)n$

Compound Name: catena-[(μ_4-4,4'-(10,20-Diphenylporphyrin-5,15-diyl)dibenzoato)-(μ_2-4,4'-bipyridine)-di-zinc unknown solvate]

Space Group:	Fddd	***Cell:***	***a***	31.856(1)	***b***	34.817(2)	***c***	52.617(3)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.08 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 0.449



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3049

YUKKAR

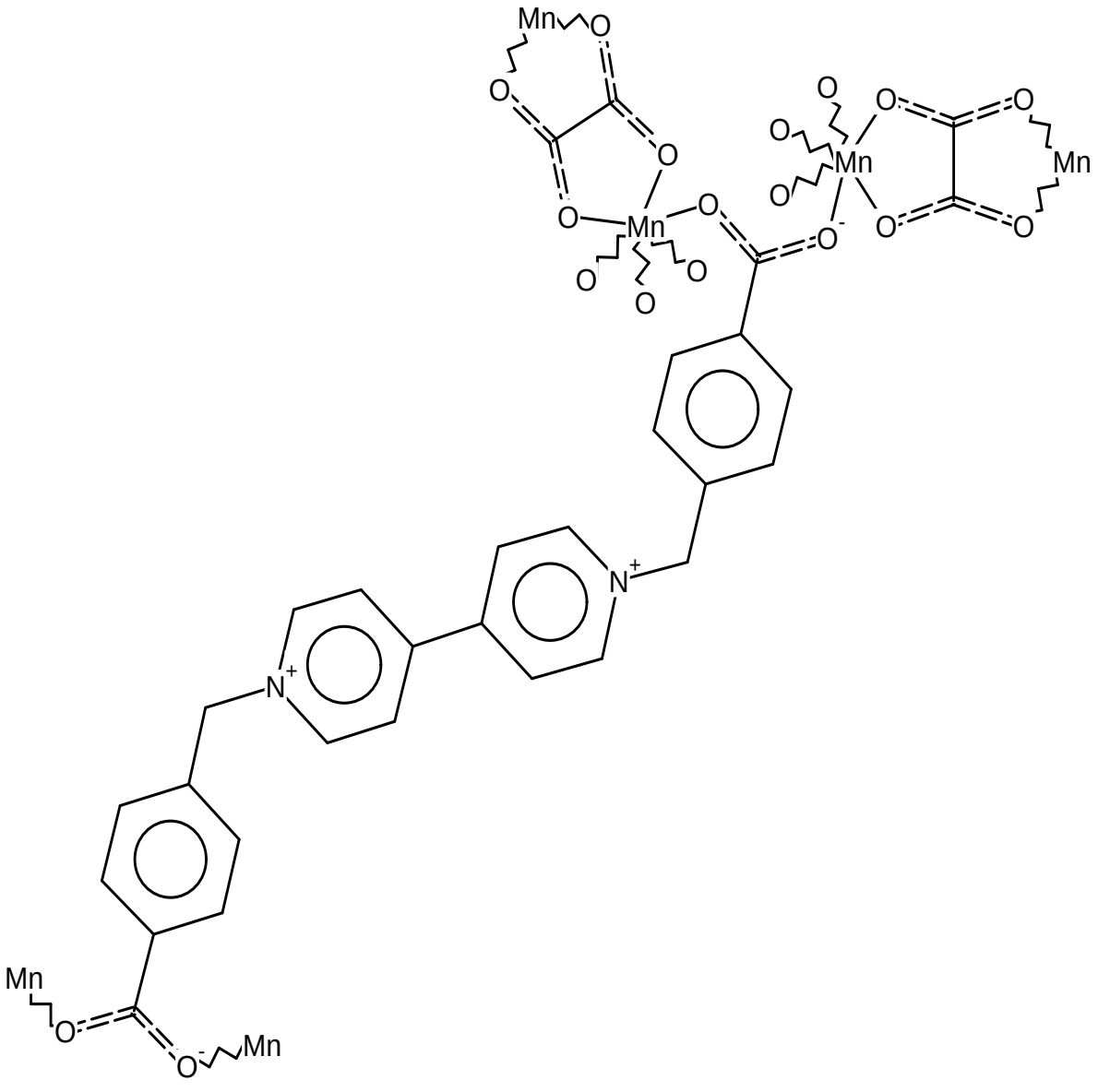
Reference: Qing-Xia Yao, Long Pan, Xu-Hui Jin, Jing Li, Zhan-Feng Ju, Jie Zhang (2009) *Chem.-Eur.J.* ,**15,**11890

Formula: $(C_{30}\ H_{20}\ Mn_2\ N_2\ O_{12})n,8n(H_2\ O_1)$

Compound Name: catena-((μ_4-1,1'-bis(4-Carboxylatobenzyl)-4,4'-bipyridinium)-bis(μ_2-oxalato)-di-manganese(ii) octahydrate)

Space Group:	C2/m	***Cell:***	***a***	9.470(1)	***b***	17.125(3)	***c*** 12.743(1)
Space Group No.:	12	***(Å,°)***	α	90.00	β	95.70(1)	γ 90.00

R-Factor (%): 6.72 ***Temperature(K):*** 294 ***Density(g/cm^3):*** 1.380


Mn
O
O
O
O
Mn
O
O
O
O
O
O
O
O
Mn
Mn
O
O
O
O
O
O
O
O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3050

YUMJEW

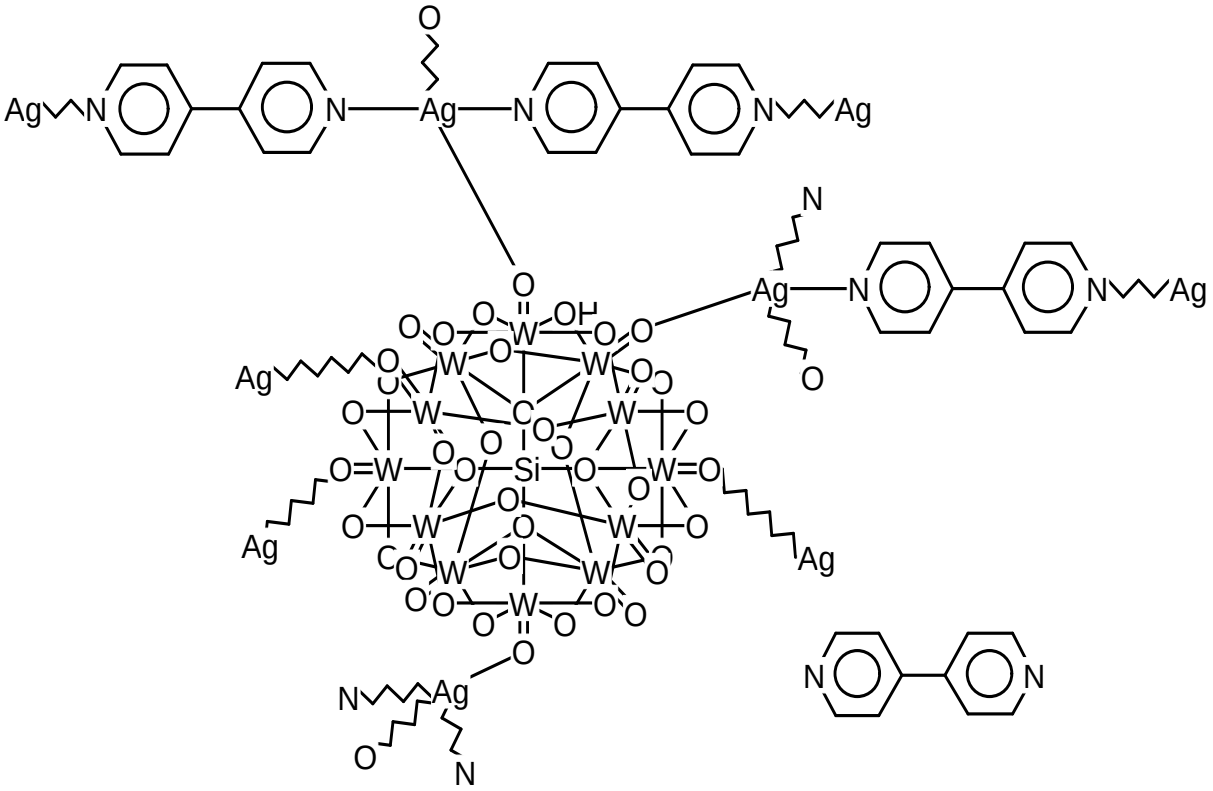
Reference: Jingquan Sha, Jun Peng, Haijun Pang, Aixiang Tian, Jing Chen, Pengpeng Zhang, Min Zhu (2008) *Solid State Sciences* ,**10,** 1491

Formula: $(C_{30}\ H_{25}\ Ag_3\ N_6\ O_{40}\ Si_1\ W_{12})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_{12}-Silicato)-tris(μ_2-4,4'-bipyridine)-(μ_2-hydroxo)-nonacosakis(μ_2-oxo)-hexaoxo-tri-silver(i)-dodeca-tungsten(vi) 4,4'-bipyridine solvate)

Space Group:	P-1	***Cell:***	***a***	11.369(2)	***b***	12.087(2)	***c*** 13.110(3)
Space Group No.:	2	***(Å,°)***	α	112.88(3)	β	94.43(3)	γ 99.49(3)

R-Factor (%): 8.64 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.926



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3051

YUMJIA

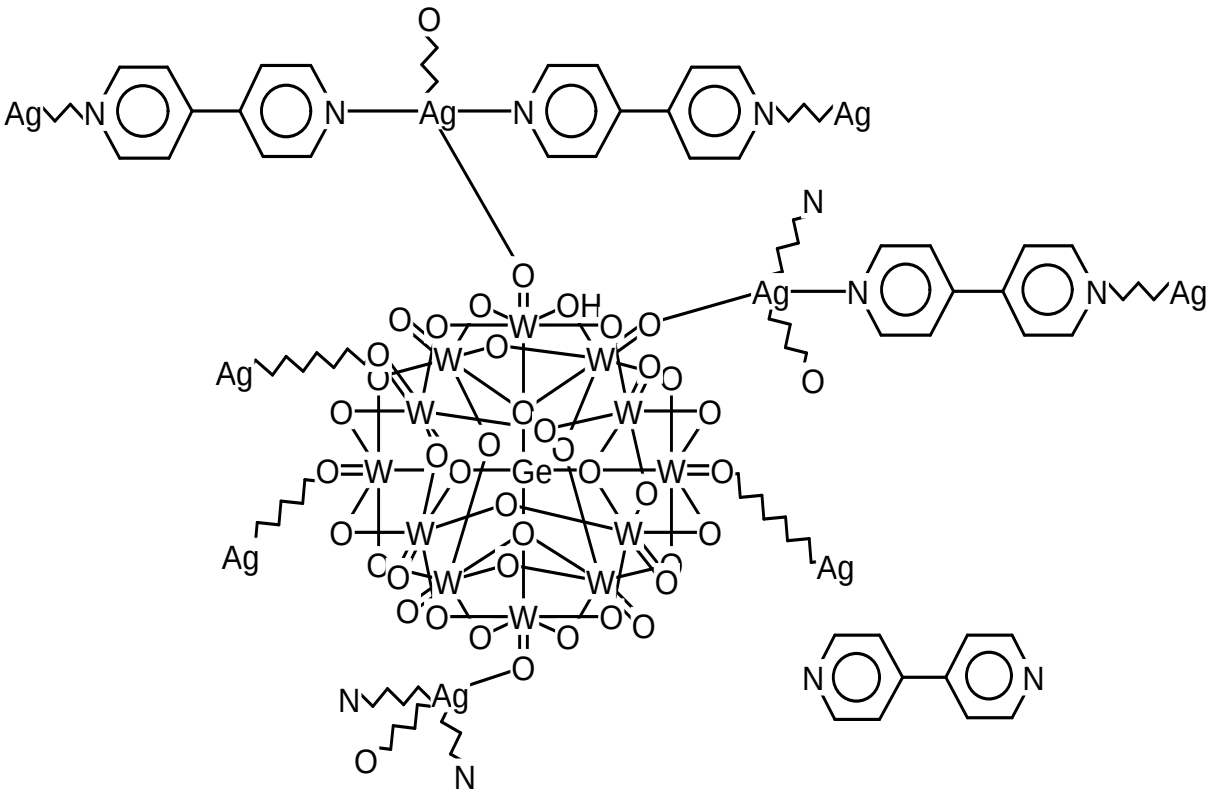
Reference: Jingquan Sha, Jun Peng, Haijun Pang, Aixiang Tian, Jing Chen, Pengpeng Zhang, Min Zhu (2008) *Solid State Sciences* ,**10,** 1491

Formula: $(C_{30}\ H_{25}\ Ag_3\ Ge_1\ N_6\ O_{40}\ W_{12})n,n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_{12}-Germanato)-tris(μ_2-4,4'-bipyridine)-(μ_2-hydroxo)-nonacosakis(μ_2-oxo)-hexaoxo-tri-silver(i)-dodeca-tungsten(vi) bipyridine solvate)

Space Group:	P-1	***Cell:***	***a*** 11.383(2)	***b*** 12.119(2)	***c*** 13.136(3)
Space Group No.:	2	***(Å,°)***	α 112.95(3)	β 94.35(3)	γ 99.51(3)

R-Factor (%): 11.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.950



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3052

YUMJOG

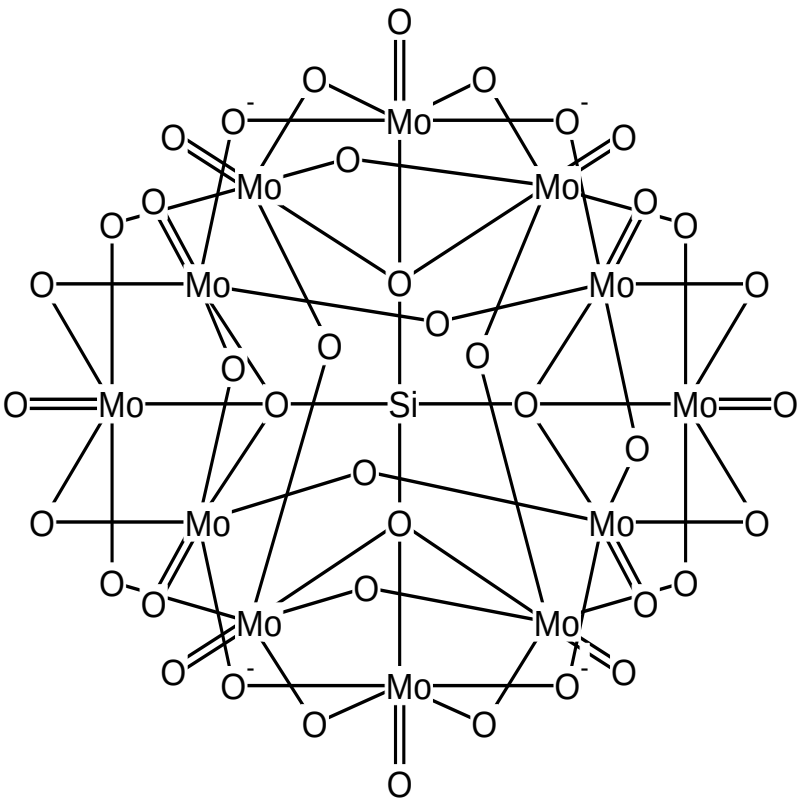
Reference: Jingquan Sha, Jun Peng, Haijun Pang, Aixiang Tian, Jing Chen, Pengpeng Zhang, Min Zhu (2008) *Solid State Sciences* ,**10,** 1491

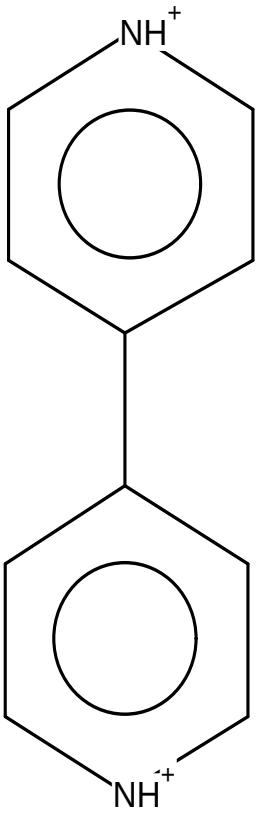
Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),Mo_{12}\ O_{40}\ Si_1\ ^{4-}$

Compound Name: bis(4,4'-Bipyridinium) (μ_{12}-silicato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum

Space Group:	Cc	***Cell:***	***a***	15.199(3)	***b*** 18.193(4)	***c***	21.197(4)
Space Group No.:	9	***(Å,°)***	α	90.00	β 103.41(3)	γ	90.00

R-Factor (%): 6.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.488





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3053

YUNFET

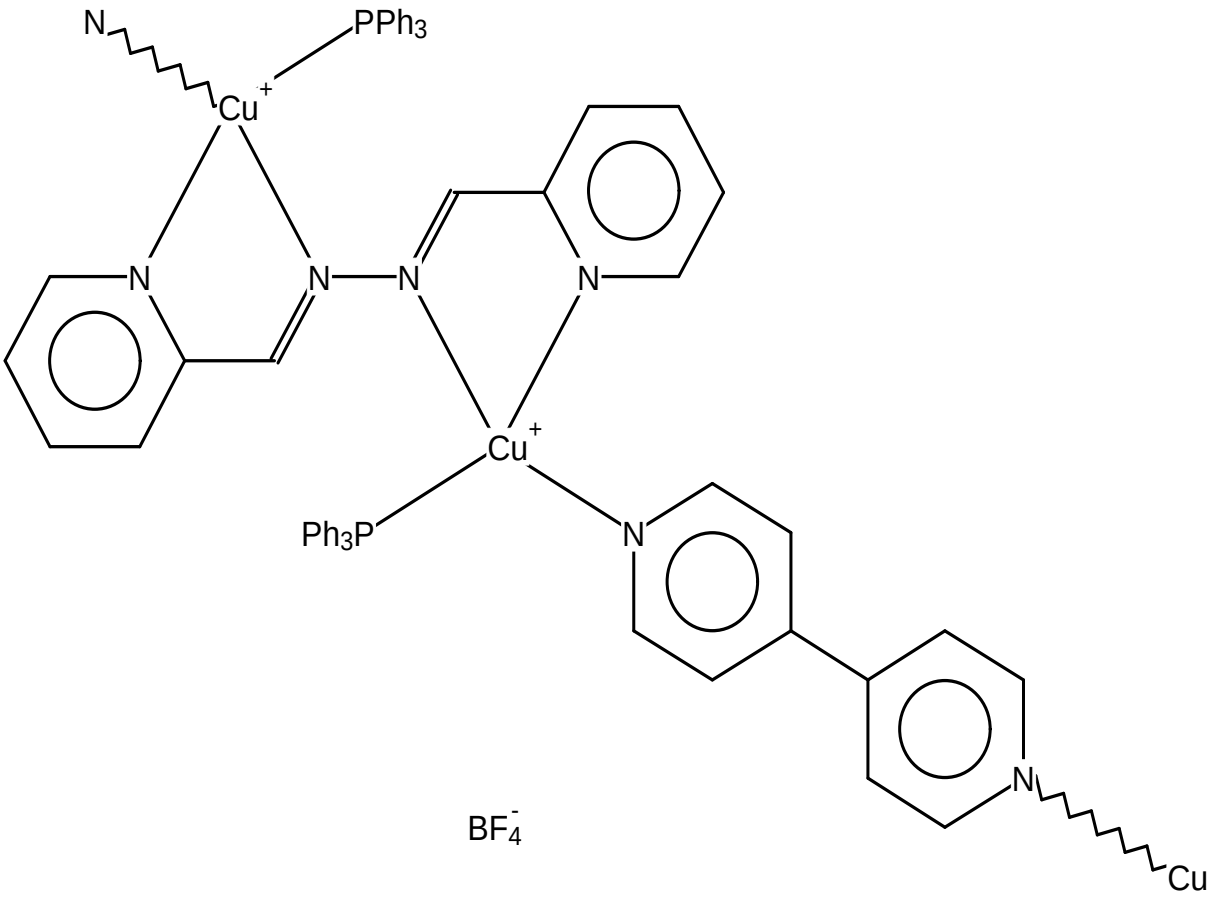
Reference: Zu-Fu Yao, Xin Gan, Wen-Fu Fu (2009) *J.Coord.Chem.* , **62,**1817

Formula: $(C_{58}\ H_{48}\ Cu_2\ N_6\ P_2\ ^{2+})n,2n(B_1\ F_4\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-bipyridine)-(μ_2-1,2-bis(2-pyridinylmethylene)hydrazine)-bis(triphenylphosphine)-di-copper(i) bis(tetrafluoroborate))

Space Group:	P21/n	***Cell:***	***a***	10.450(4)	***b*** 14.027(5)	***c***	18.950(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.46(0)	γ	90.00

R-Factor (%): 6.02 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.449



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3054

YUNFET01

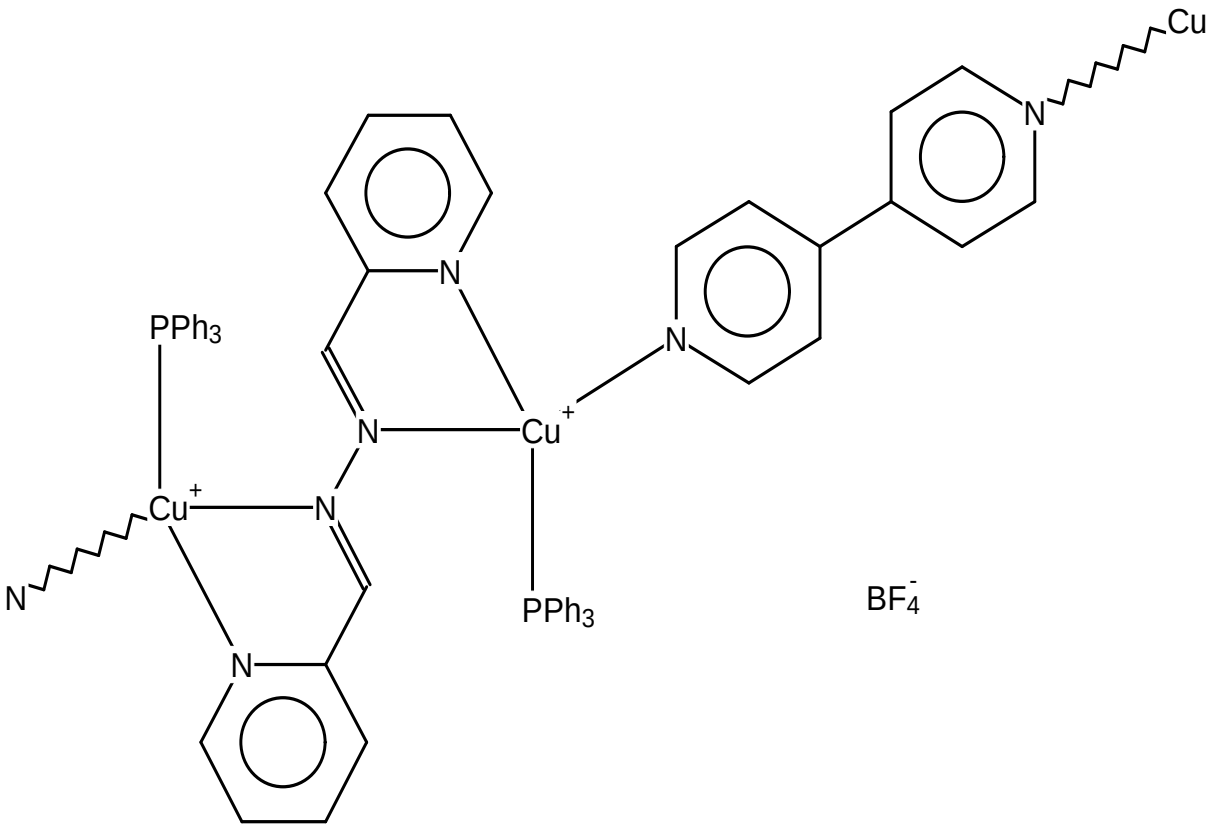
Reference: Juan Mo, Su-Mei Zhang, Wen-Zhong Ge, Jian-Hua Liu (2009) *J.Chem.Cryst. ,***39,**890

Formula: $(C_{58}\ H_{48}\ Cu_2\ N_6\ P_2\ ^{2+})n,2n(B_1\ F_4\ ^{1-})$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N:N')-(μ_2-1,2-bis(2-pyridinylmethylene) hydrazine-N,N':N'',N''')-bis(triphenylphosphine)-di-copper(i) bis(tetrafluoroborate)]

Space Group:	P21/n	***Cell:***	***a***	10.450(4)	***b*** 14.027(5)	***c***	18.950(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 100.46(0)	γ	90.00

R-Factor (%): 6.02 ***Temperature(K):*** 292 ***Density(g/cm^3):*** 1.449



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3055

YUPFEV

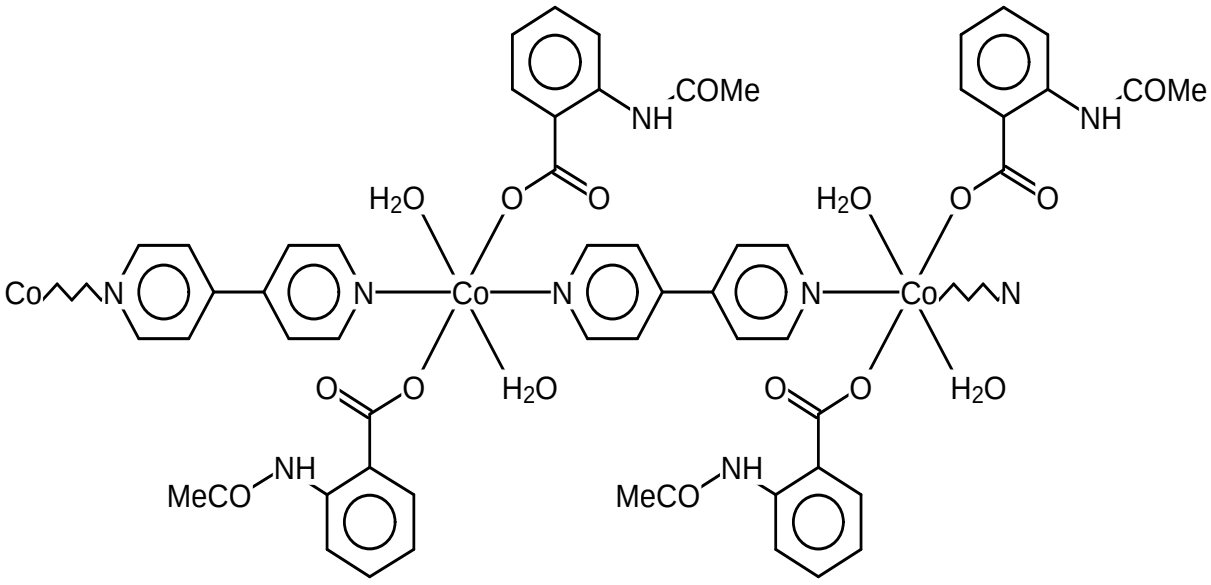
Reference: Chun-Hua Zhang, Chang-Hong Li, He-Ping Xie, Xue Nie, Yu-Lin Li (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,** 938

Formula: $(C_{56}\ H_{56}\ Co_2\ N_8\ O_{16})n$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-tetrakis(2-acetamidobenzoato-O)-tetra-aqua-di-cobalt(ii)]

Space Group:	P43212	***Cell:***	***a***	16.065(1)	***b***	16.065(1)	***c***	21.030(3)
Space Group No.:	96	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.47 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.487



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3056

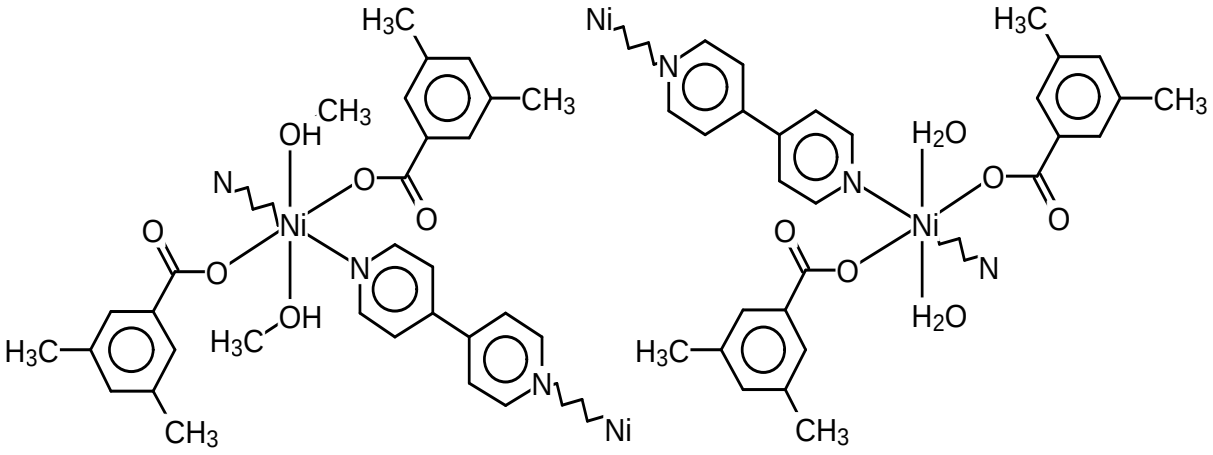
YUPFIZ

Reference: Wei Li, Chang-Hong Li, Ying-Qun Yang, He-Ping Xie (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**934

Formula: $(C_{30}\ H_{34}\ N_2\ Ni_1\ O_6)n,n(C_{28}\ H_{30}\ N_2\ Ni_1\ O_6)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-bis(3,5-dimethylbenzoato-O)-bis(methanol)-nickel(ii) (μ_2-4,4'-bipyridine-N,N')-diaqua-bis(3,5-dimethylbenzoato-O)-nickel(ii)]

Space Group:	P-1	***Cell:***	***a***	11.345(1)	***b***	11.378(1)	***c*** 12.383(1)
Space Group No.:	2	***(Å,°)***	α	100.37(0)	β	109.48(0)	γ 101.40(0)
R-Factor (%):	3.96	***Temperature(K):***	295	***Density(g/cm^3):***	1.314		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3057

YUPFOF

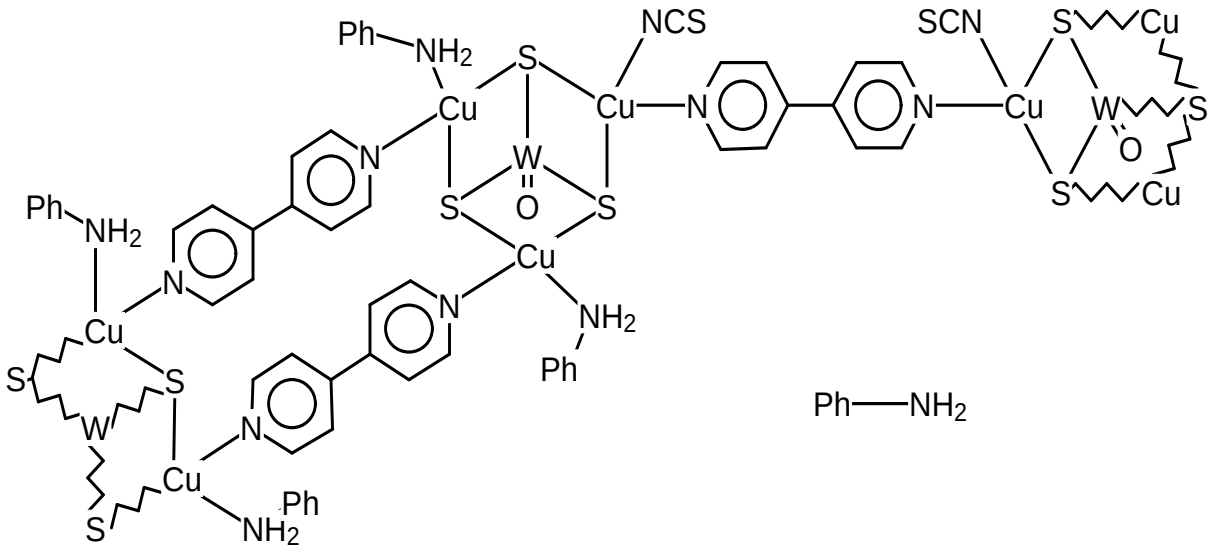
Reference: Jin-Xiang Chen, Yang Chen, Xiao-Yan Tang, Ai-Xia Zheng, Yong Zhang, Jian-Ping Lang (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**25,**929

Formula: $(C_{56}\ H_{52}\ Cu_6\ N_{12}\ O_2\ S_8\ W_2)n,4n(C_6\ H_7\ N_1)$

Compound Name: catena-[hexakis(μ_3-Sulfido)-tris(μ_2-4,4-bipyridine-N,N')-tetrakis(aniline-N)-bis(isothiocyanato)-dioxo-hexa-copper-di-tungsten aniline solvate]

Space Group:	P-1	***Cell:***	***a***	12.179(2)	***b***	13.269(3)	***c*** 17.202(3)
Space Group No.:	2	***(Å,°)***	α	70.77(3)	β	70.01(3)	γ 76.47(3)

R-Factor (%): 6.99 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.565



Search: search1 (Thu May 26 10:05:42 2011): Hit 3058

YUPGIA

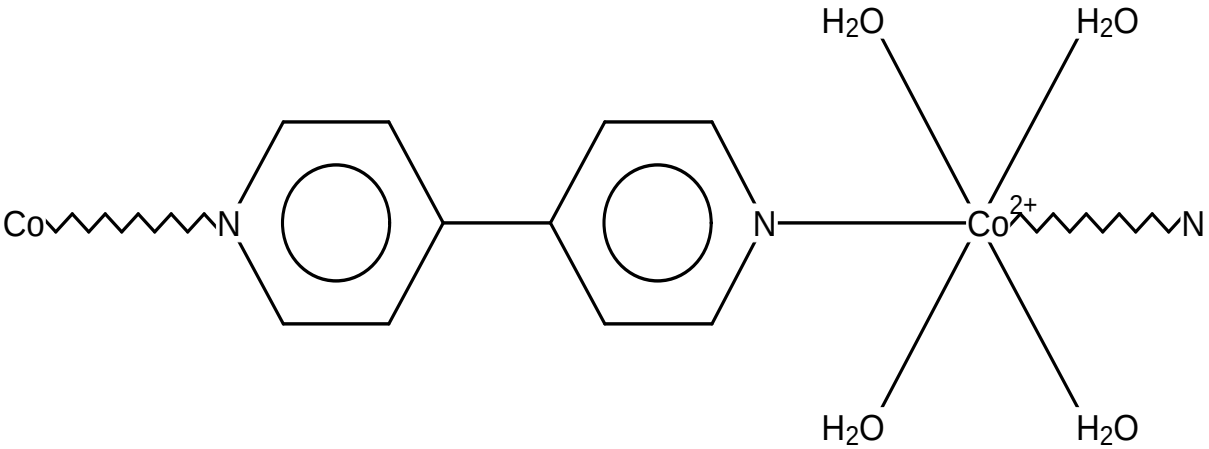
Reference: I.Stein, U.Ruschewitz (2009) *Z.Anorg.Allg.Chem.* ,**635,**914

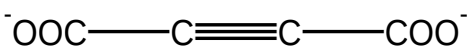
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) acetylenedicarboxylate tetrahydrate]

Space Group:	P-1	***Cell:***	***a***	6.932(2)	***b***	8.084(2)	***c*** 9.649(3)
Space Group No.:	2	***(Å,°)***	α	79.16(4)	β	85.45(4)	γ 75.38(4)

R-Factor (%): 8.09 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.524





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3059

YUPGOG

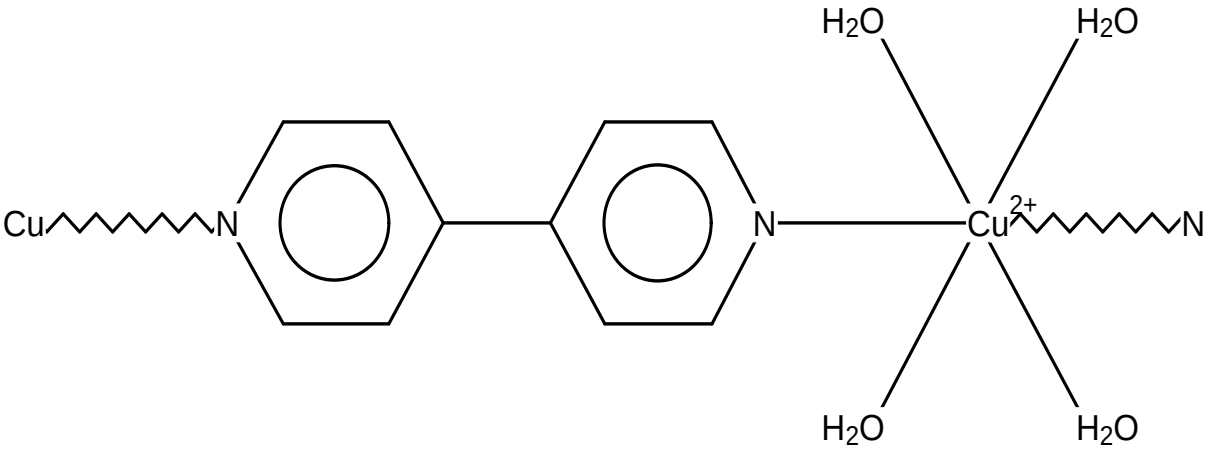
Reference: I.Stein, U.Ruschewitz (2009) *Z.Anorg.Allg.Chem.* ,**635,**914

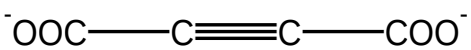
Formula: $(C_{10}\ H_{16}\ Cu_1\ N_2\ O_4\ ^{2+})n,n(C_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-copper(ii) acetylenedicarboxylate tetrahydrate]

Space Group:	C2/c	***Cell:***	***a***	16.798(2)	***b*** 11.136(1)	***c***	13.471(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 126.94(0)	γ	90.00

R-Factor (%): 2.82 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.569





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3060

YUPGUM

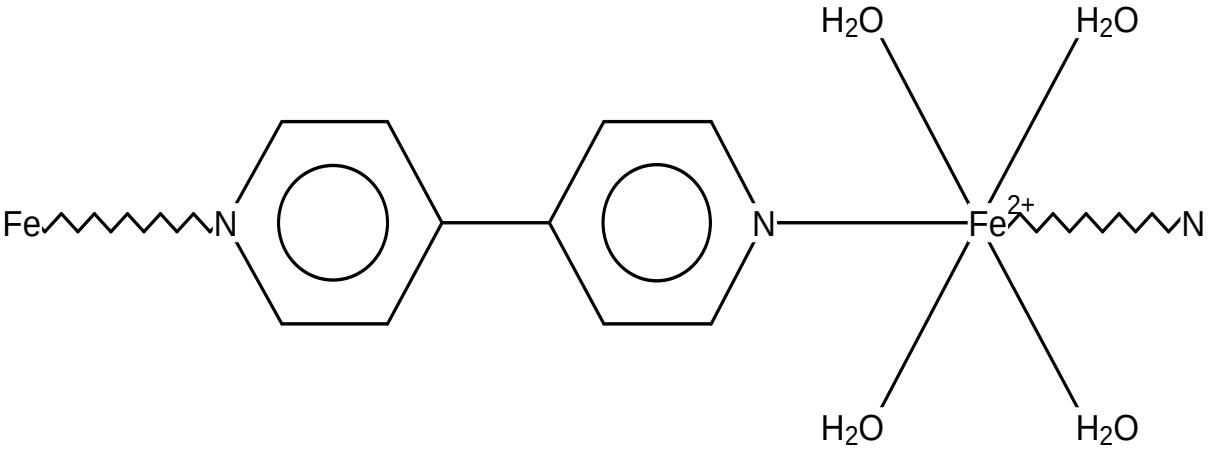
Reference: I.Stein, U.Ruschewitz (2009) *Z.Anorg.Allg.Chem.* ,**635,**914

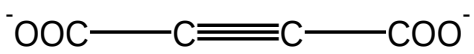
Formula: $(C_{10}\ H_{16}\ Fe_1\ N_2\ O_4\ ^{2+})n,n(C_4\ O_4\ ^{2-}),4n(H_2\ O_1)$

Compound Name: catena-[(μ_2-4,4'-Bipyridine-N,N')-tetra-aqua-iron(ii) acetylenedicarboxylate tetrahydrate]

Space Group:	P-1	***Cell:***	***a***	6.983(1)	***b***	8.102(1)	***c*** 9.734(1)
Space Group No.:	2	***(Å,°)***	α	79.30(2)	β	86.22(2)	γ 72.85(2)

R-Factor (%): 5.90 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.504





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3061

YUPSOS

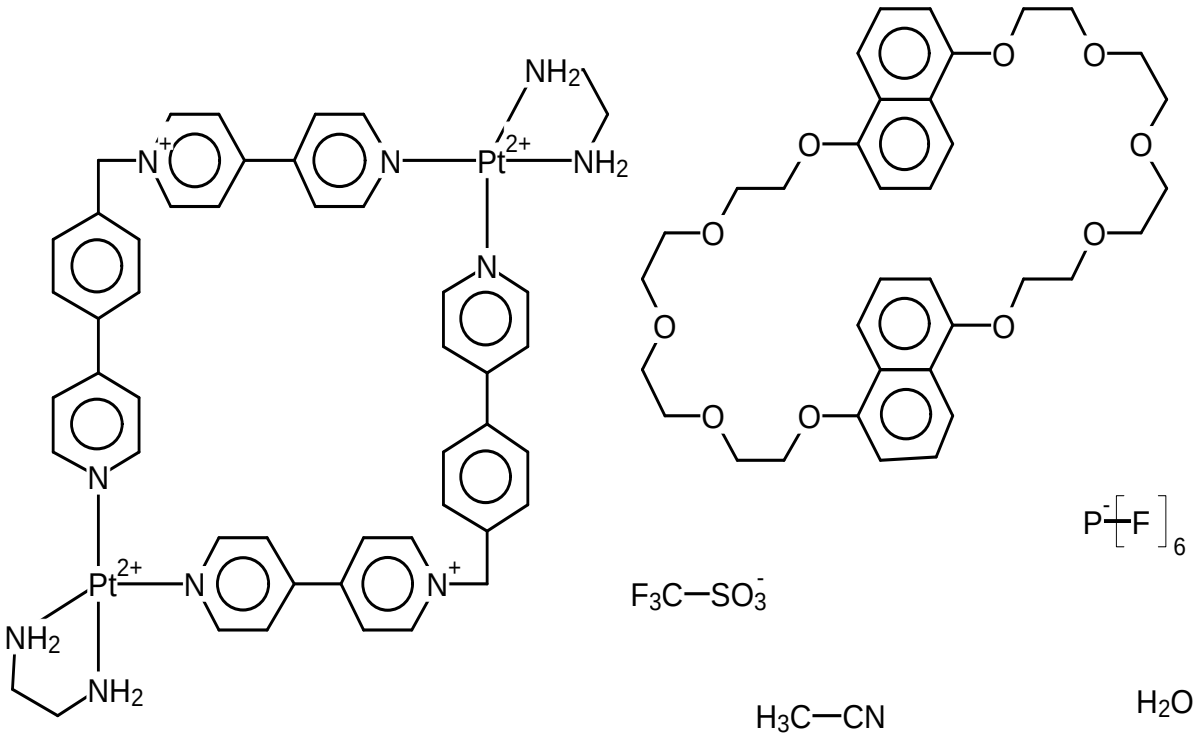
Reference: V.Blanco, D.Abella, E.Pia, C.Platas-Iglesias, C.Peinador, J.M.Quintela (2009) *Inorg.Chem. ,***48,**4098

Formula: $C_{48}\ H_{52}\ N_{10}\ Pt_2\ ^{6+}$,2($C_{36}\ H_{44}\ O_{10}$),4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($F_6\ P_1\ ^{1-}$),2($C_2\ H_3\ N_1$),4($H_2\ O_1$)

Compound Name: (3)-(bis(μ_2-1-(4-(4-Pyridyl)benzyl)-4,4'-bipyridin-1-ium-N,N')-bis(ethylenediamine-N,N')-di-platinum bis(2,5,8,11,14,16,19,22,25,28-decaoxa-1,15(1,5)-dinaphthalenacyclo-octacosaphane)) catenane tetrakis(trifluoromethanesulfonate) bis(hexafluorophosphate) acetonitrile solvate tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	16.663(5)	***b*** 22.104(5)	***c***	21.824(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.40(0)	γ	90.00

R-Factor (%): 6.31 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.512



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3062

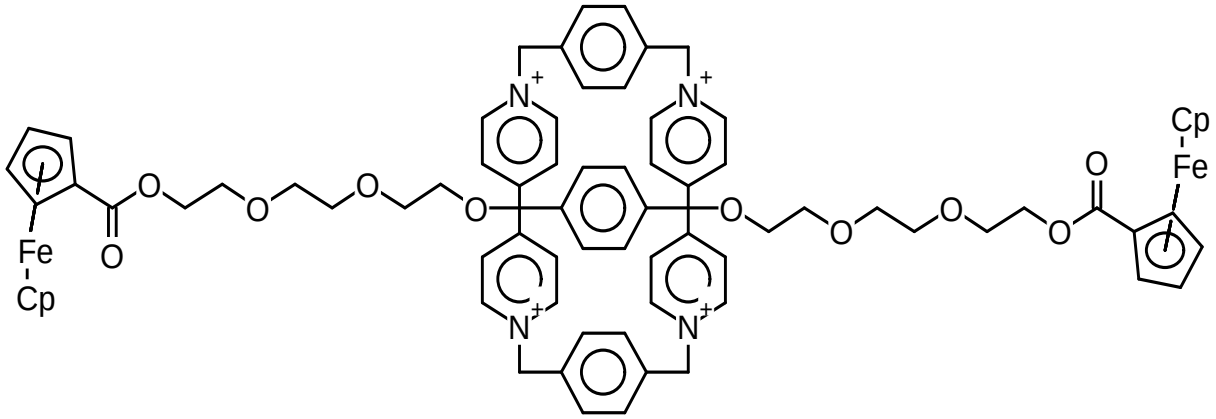
YUVFAW

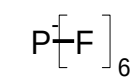
Reference: A.C.Benniston, A.Harriman, V.M.Lynch (1995)
*J.Am.Chem.Soc. ,***117,**5275

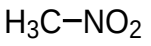
Formula: $C_{40}\ H_{46}\ Fe_2\ O_{10}$,$C_{36}\ H_{32}\ N_4\ ^{4+}$,4($F_6\ P_1\ ^{1-}$),2($C_1\ H_3\ N_1\ O_2$),$H_2\ O_1$

Compound Name: (2)-(1,4-bis(10-(Ferrocenoyl)-1,4,7,10-tetraoxadecanyl)benzene)-(bis(4,4'-bipyridinium-1,1'-bis(benzene-1,4-dimethylene)))-rotaxane tetrakis(hexafluorophosphate) nitromethane solvate monohydrate

Space Group:	P21/n	***Cell:***	***a***	15.746(4)	***b*** 12.521(3)	***c***	22.778(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β 107.98(2)	γ	90.00
R-Factor (%):	8.57	***Temperature(K):***	173		***Density(g/cm^3):***		1.585









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3063

YUWVUH

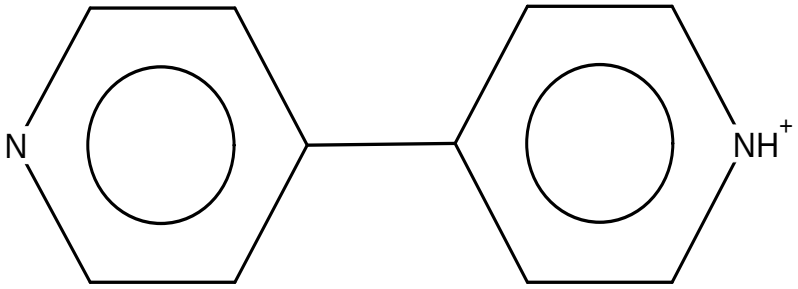
Reference: N.N.Rammo, K.R.Hamid, T.K.Ibrahim (1994)
*J.Alloys Compd. ,***210,**319

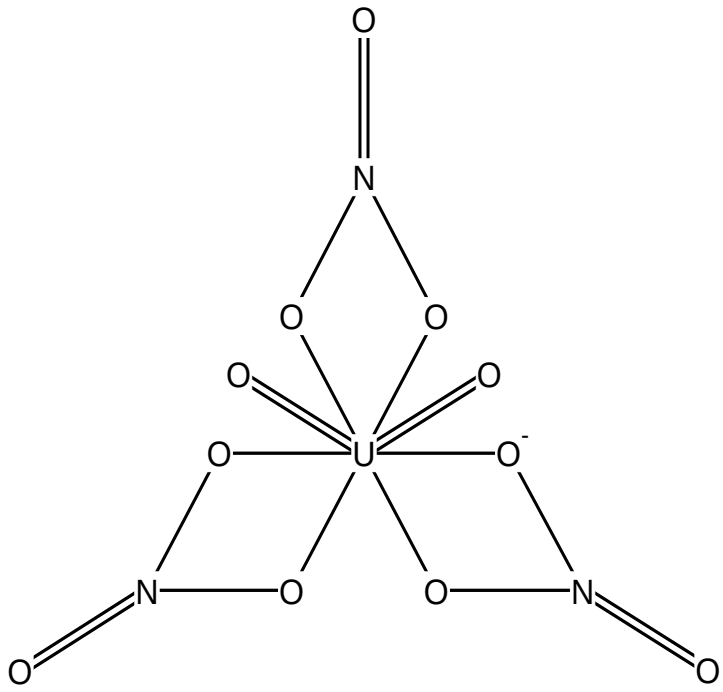
Formula: $C_{10}\ H_9\ N_2\ ^{1+},N_3\ O_{11}\ U_1\ ^{1-},H_1\ N_1\ O_3$

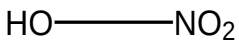
Compound Name: 4,4'-Bipyridinium nitrate trinitrato-dioxo-uranium(vi)

Space Group:	P21/c	***Cell:***	***a***	5.950(6)	***b*** 24.464(11)	***c***	14.182(4)
Space Group No.:	14	***(Å,°)***	α	90.00	β 108.69(3)	γ	90.00

R-Factor (%): 6.90 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.297







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3064

YUWWAO

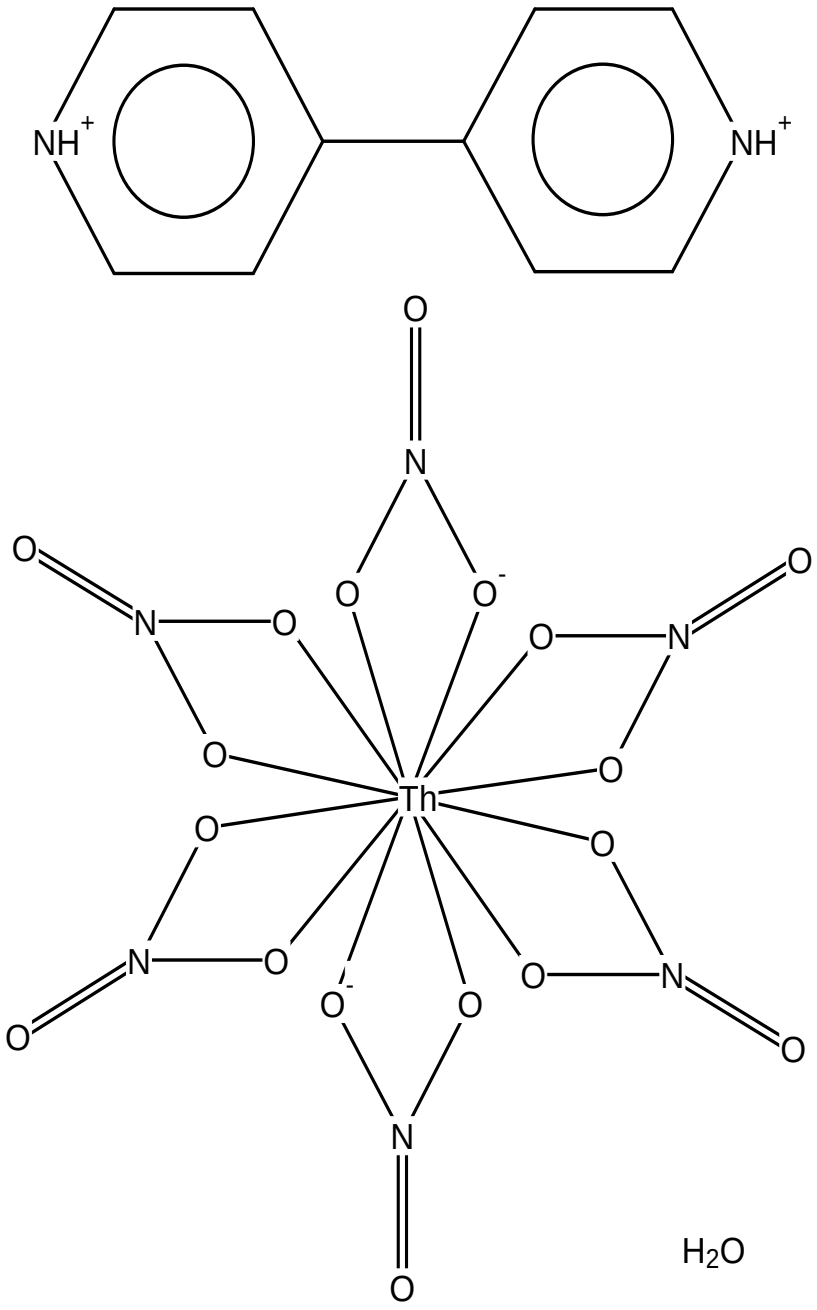
Reference: N.N.Rammo, K.R.Hamid, T.K.Ibrahim (1994)
*J.Alloys Compd. ,***210,**319

Formula: $C_{10}\ H_{10}\ N_2\ ^{2+},N_6\ O_{18}\ Th_1\ ^{2-},2(H_2\ O_1)$

Compound Name: 4,4'-Bipyridinium hexakis(nitrato-O,O')-thorium(iv) dihydrate

Space Group:	C2/c	***Cell:***	***a***	9.815(5)	***b*** 16.799(9)	***c***	15.071(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.18(3)	γ	90.00

R-Factor (%):	6.70	***Temperature(K):***	295	***Density(g/cm^3):***	2.233



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3065

ZAGCIT

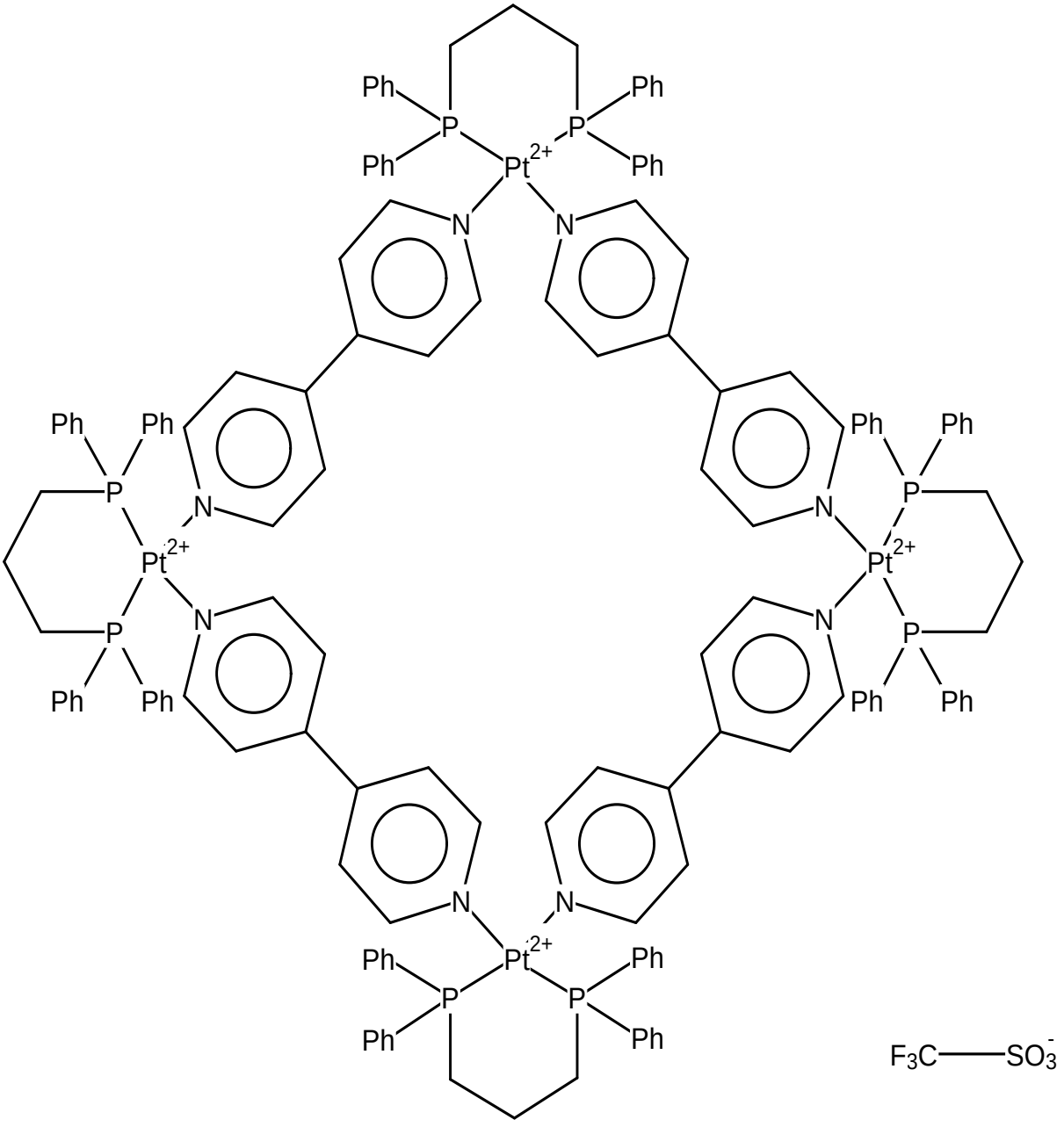
Reference: P.J.Stang, D.H.Cao, Shinichi Saito, A.M.Arif (1995)
*J.Am.Chem.Soc. ,***117,**6273

Formula: $C_{148}\ H_{136}\ N_8\ P_8\ Pt_4\ ^{8+},8(C_1\ F_3\ O_3\ S_1\ ^{1-})$

Compound Name: tetrakis((μ$_2$-4,4'-Bipyridinyl-N,N')-(1,3-bis(diphenylphosphino)propane-P,P')-platinum) octakis(trifluoromethanesulfonate)

Space Group:	P2/n	***Cell:***	***a***	22.833(6)	***b*** 15.869(4)	***c***	34.192(9)
Space Group No.:	13	***(Å,°)***	α	90.00	β 100.35(2)	γ	90.00

R-Factor (%): 8.88 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.157



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3066

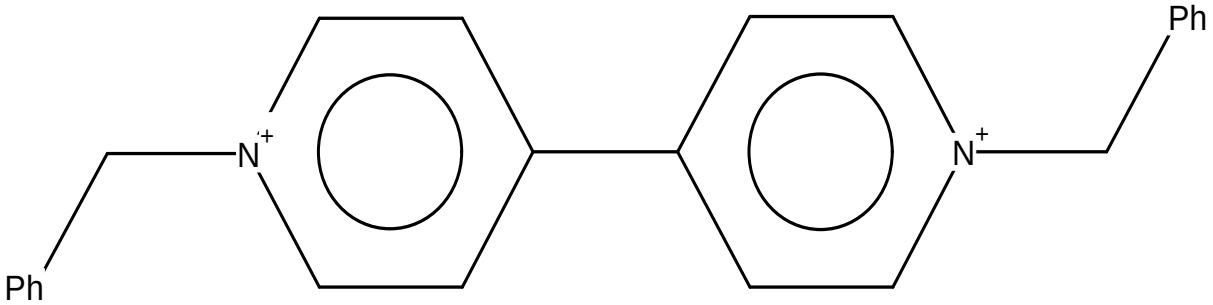
ZATGUW

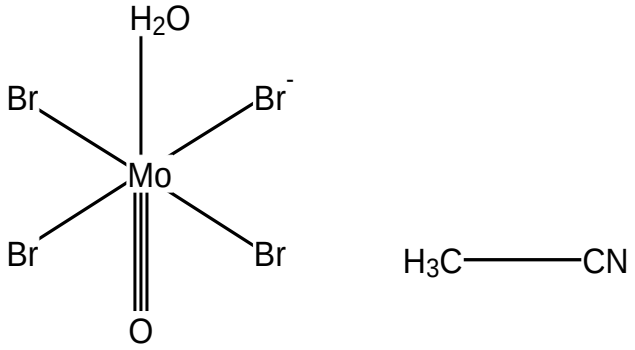
Reference: A.K.Mohammed, F.R.Fronczek, A.W.Maverick (1994) *Inorg.Chim.Acta* ,**226,**25

Formula: $C_{24}\ H_{22}\ N_2\ ^{2+},H_2\ Br_4\ Mo_1\ O_2\ ^{1-},Br_1\ ^{1-},C_2\ H_3\ N_1$

Compound Name: (1,1'-Dibenzyl-4,4'-bipyridinium) aqua-tetrabromo-oxo-molybdenum(v) bromide acetonitrile solvate

Space Group:	P-1	***Cell:***	***a***	11.349(1)	***b***	16.105(0)	***c***	18.720(1)
Space Group No.:	2	***(Å,°)***	α	71.96(0)	β	76.38(0)	γ	82.48(0)
R-Factor (%):	4.60	***Temperature(K):***	295		***Density(g/cm^3):***	1.913		





Br^-

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3067

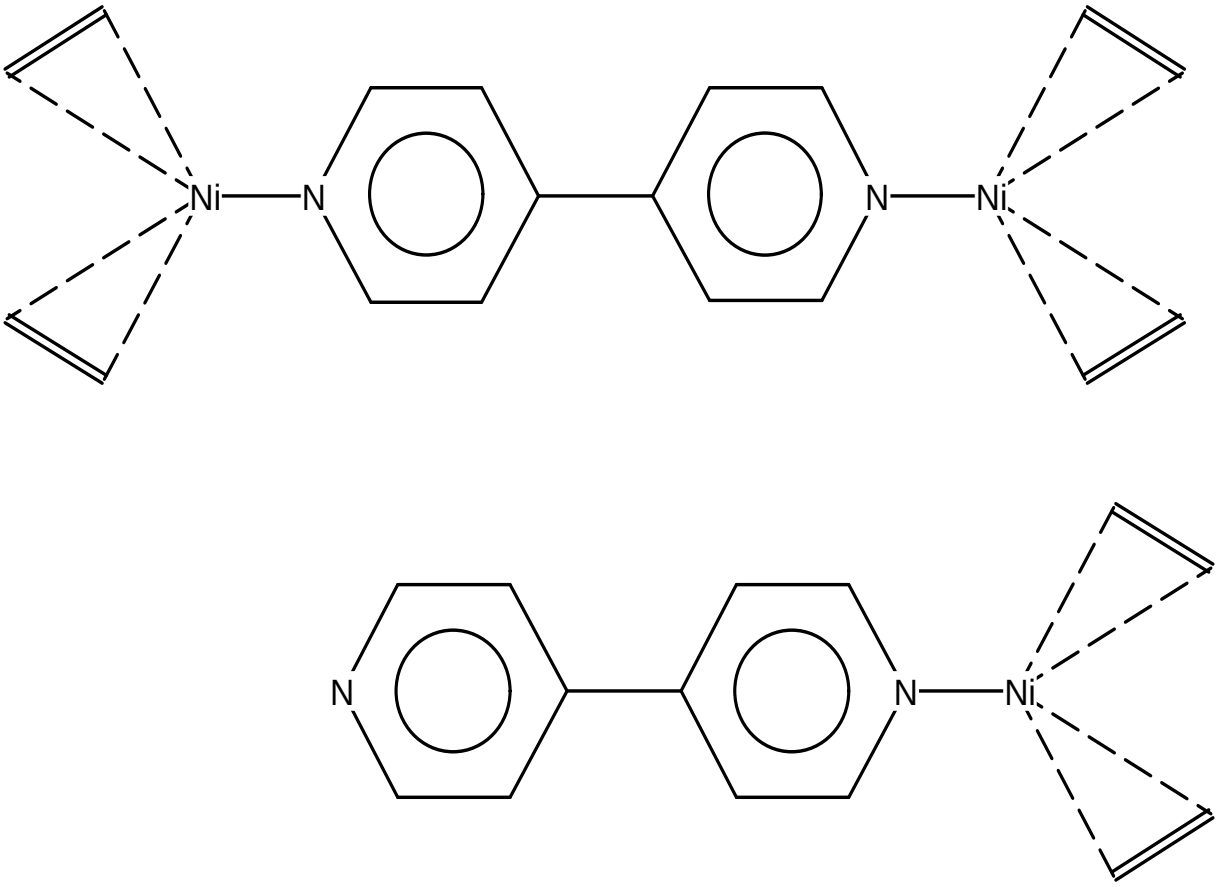
ZATYOI

Reference: M.Maekawa, M.Munakata, T.Kuroda-Sowa, K.Hachiya (1995) *Inorg.Chim.Acta* ,**232,**231

Formula: $2(C_{14}H_{16}N_2Ni_1),C_{18}H_{24}N_2Ni_2$

Compound Name: (μ_2-4,4'-Bipyridin-2-yl)-tetrakis(η^2-ethylene)-di-nickel(0) bis(η^2-ethylene)-(4,4'-bipyridinyl)-nickel(0)

Space Group:	P-1	***Cell:***	***a*** 10.543(4)	***b*** 12.546(4)	***c*** 9.190(4)
Space Group No.:	2	***(Å,°)***	α 109.64(3)	β 98.57(4)	γ 90.98(3)
R-Factor (%):	3.70	***Temperature(K):***	295	***Density(g/cm^3):***	1.364		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3068

ZEBHIX

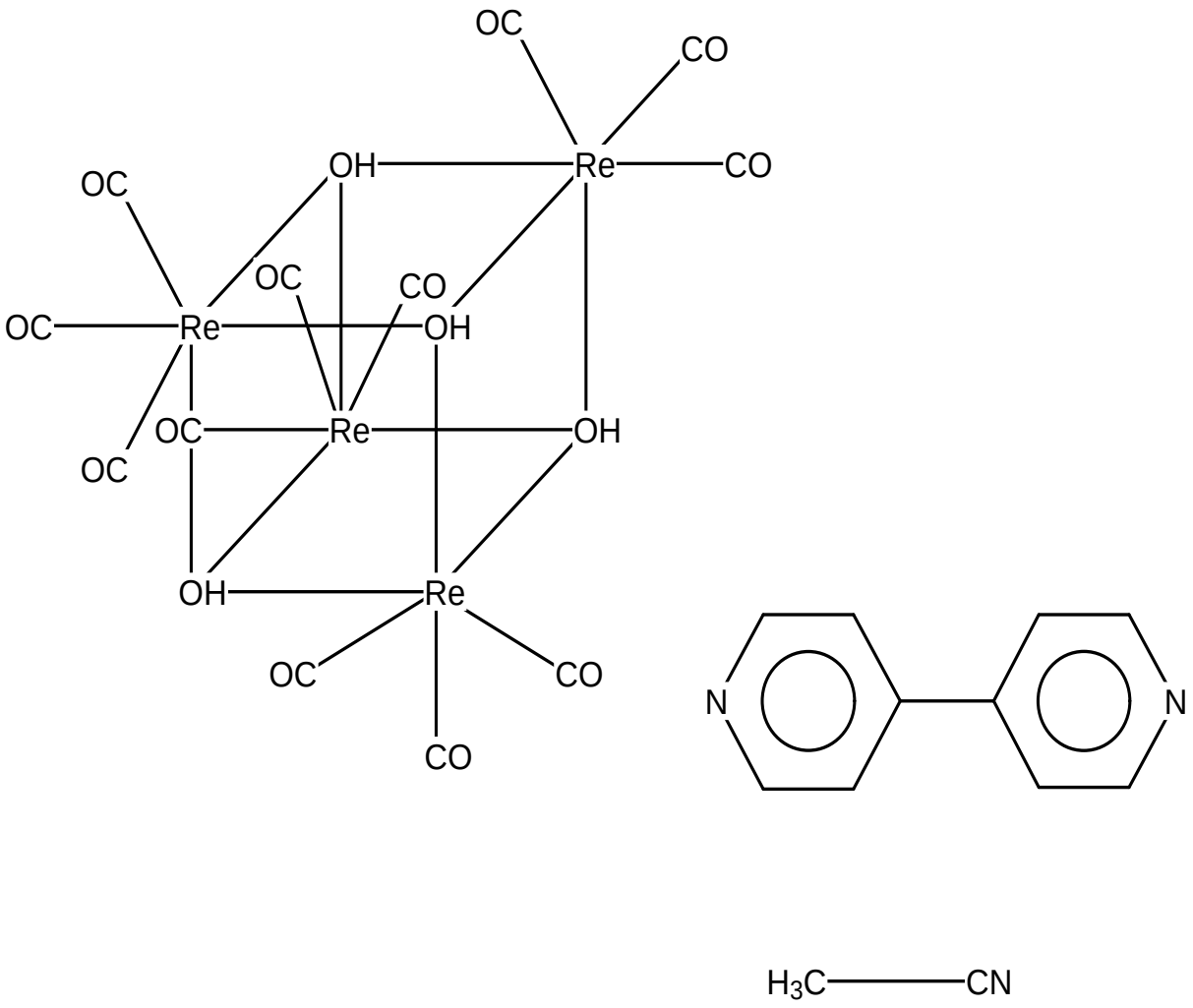
Reference: S.B.Copp, K.T.Holman, J.O.S.Sangster, S.Subramanian, M.J.Zaworotko (1995) *J.Chem.Soc.,Dalton Trans. ,*2233

Formula: $C_{12}\ H_4\ O_{16}\ Re_4$,2($C_{10}\ H_8\ N_2$),2($C_2\ H_3\ N_1$)

Compound Name: tetrakis((μ_3-Hydroxo)-tricarbonyl-rhenium(i)) 4,4'-bipyridine clathrate acetonitrile solvate

Space Group:	P4/nnc	***Cell:***	***a***	14.137(1)	***b***	14.137(1)	***c***	22.938(4)
Space Group No.:	126	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.236



Search: search1 (Thu May 26 10:05:42 2011): Hit 3069

ZELFIF

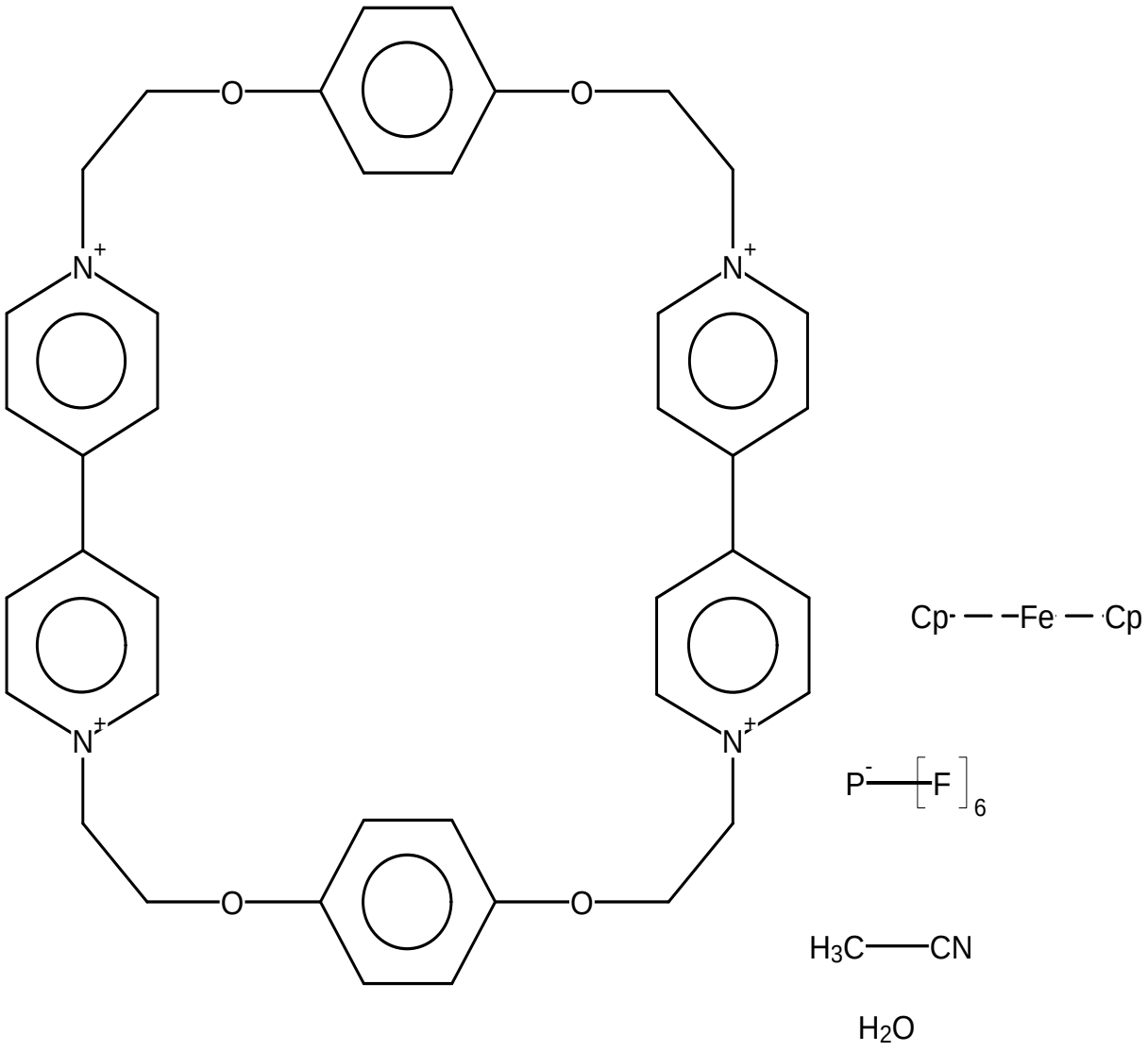
Reference: P.R.Ashton, C.G.Claessens, W.Hayes, S.Menzer, J.F.Stoddart, A.J.P.White, D.J.Williams (1995) *Angew.Chem.,Int.Ed.* , **34,**1862

Formula: $C_{40}\ H_{40}\ N_4\ O_4\ ^{4+}$,$C_{10}\ H_{10}\ Fe_1$,4($F_6\ P_1\ ^{1-}$),2($C_2\ H_3\ N_1$),2($H_2\ O_1$)

Compound Name: 6,15(1,4)-Dibenzena-1,10(1,4)-dipyridina-2,11(4,1)-dipyridina-5,7,14,16-tetraoxacyclo-octadecaphane ferrocene clathrate tetrakis(hexafluorophosphate) acetonitrile solvate dihydrate

Space Group:	P21/c	***Cell:***	***a***	9.834(2)	***b*** 20.450(4)	***c***	16.767(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.09(2)	γ	90.00

R-Factor (%): 11.62 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.542



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3070

ZELFIF01

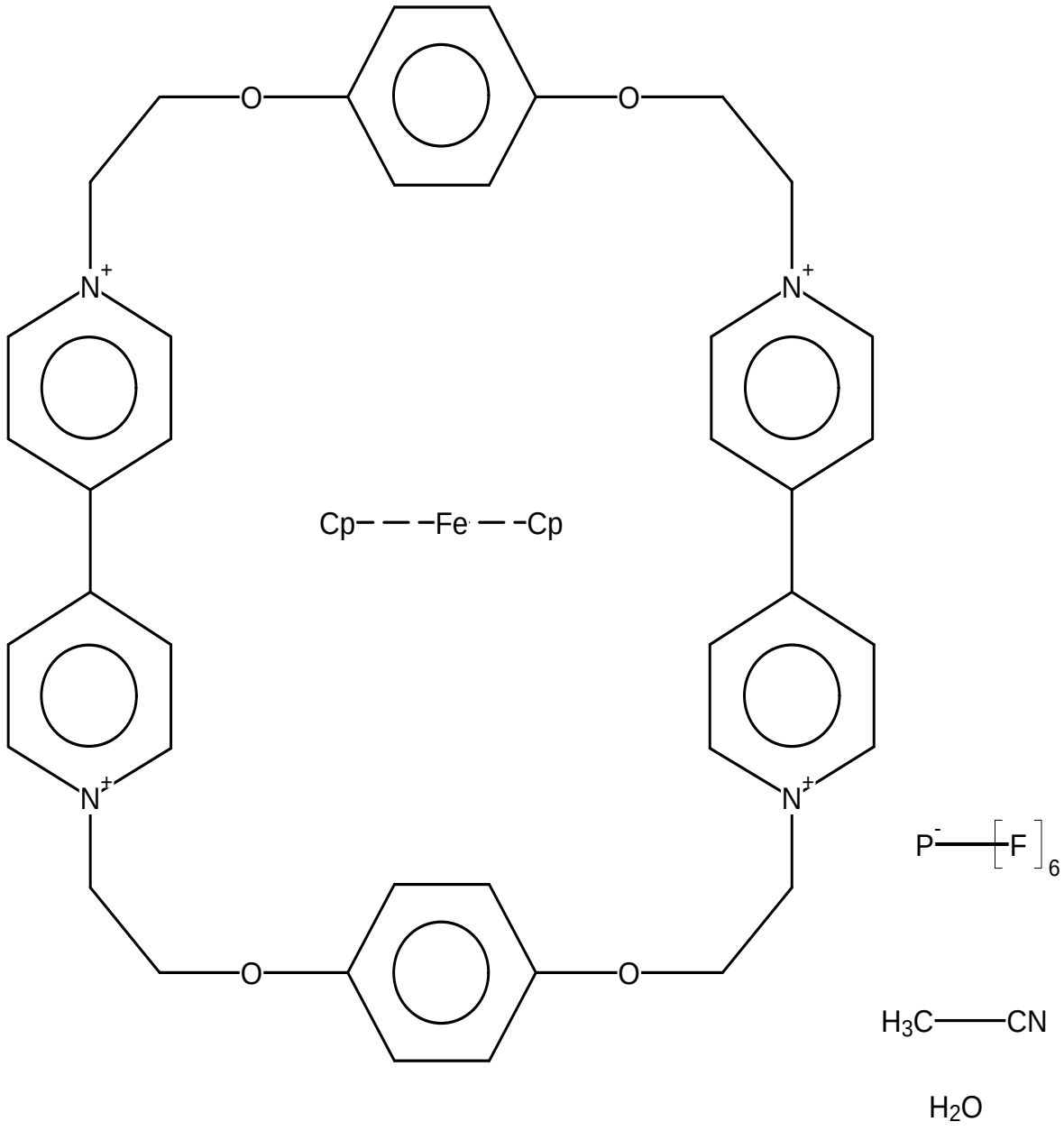
Reference: P.R.Ashton, A.Chemin, C.G.Claessens, S.Menzer, J.F.Stoddart, A.J.P.White, D.J.Williams (1998) *Eur.J.Org.Chem.* ,969

Formula: $C_{40}\ H_{40}\ N_4\ O_4\ ^{4+}$,$C_{10}\ H_{10}\ Fe_1$,4($F_6\ P_1\ ^{1-}$),2($C_2\ H_3\ N_1$),2($H_2\ O_1$)

Compound Name: 6,15(1,4)-Dibenzena-1,10(1,4)-dipyridina-2,11(4,1)-dipyridina-5,7,14,16-tetraoxacyclo-octadecaphane ferrocene clathrate tetrakis(hexafluorophosphate) acetonitrile solvate dihydrate

Space Group:	P21/c	***Cell:***	***a***	9.834(2)	***b*** 20.450(4)	***c***	16.767(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.09(2)	γ	90.00

R-Factor (%): 11.62 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.542



Search: search1 (Thu May 26 10:05:42 2011): Hit 3071

ZESFUY

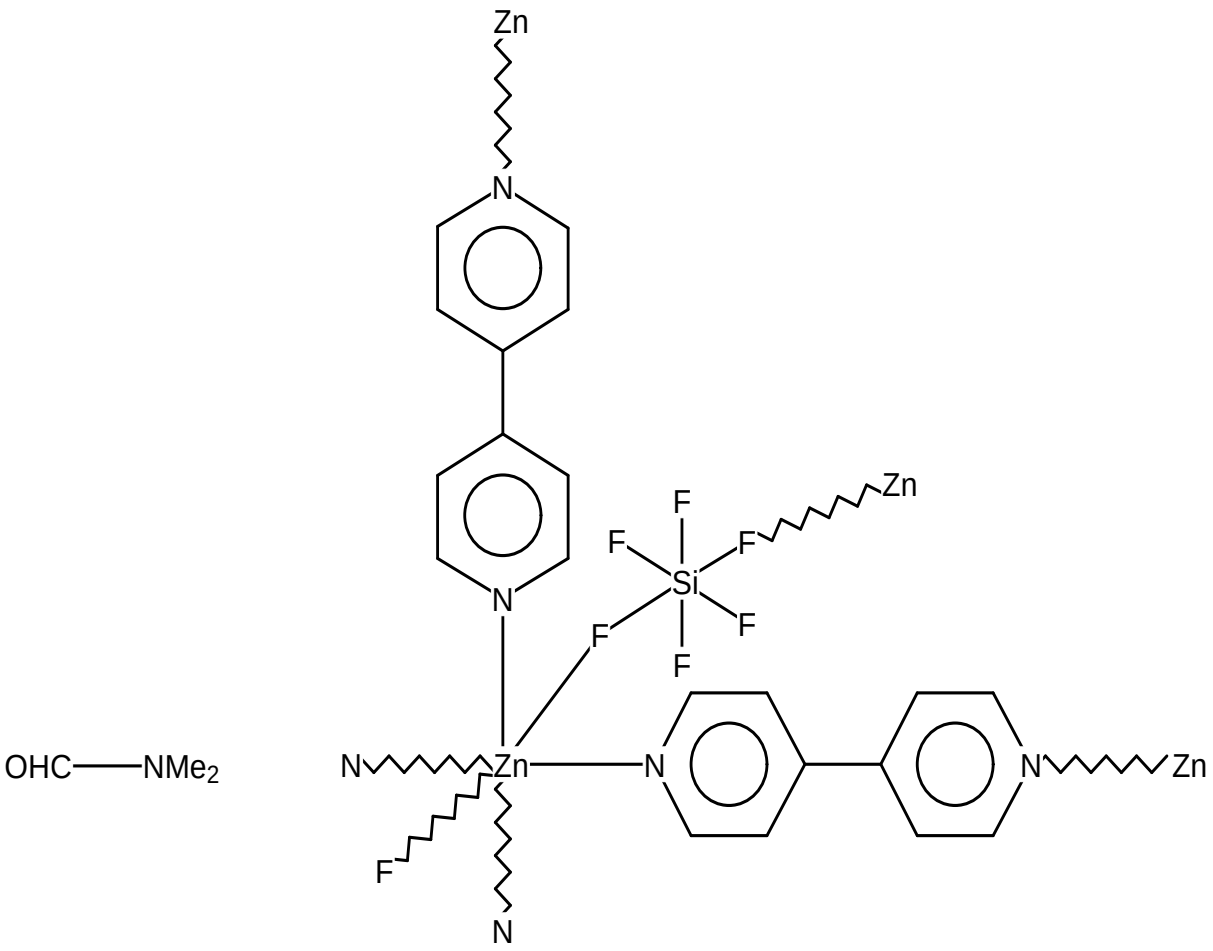
Reference: S.Subramanian, M.J.Zaworotko (1995)
*Angew.Chem.,Int.Ed. ,***34,**2127

Formula: $(C_{20}\ H_{16}\ F_6\ N_4\ Si_1\ Zn_1)n,3.3n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridyl)-(μ_2-hexafluorosilicate-F,F')-zinc dimethylformamide solvate)

Space Group:	P4/mmm	***Cell:***	***a***	11.396(1)	***b***	11.396(1)	***c***	7.678(0)
Space Group No.:	123	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.267



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3072

ZESQUJ

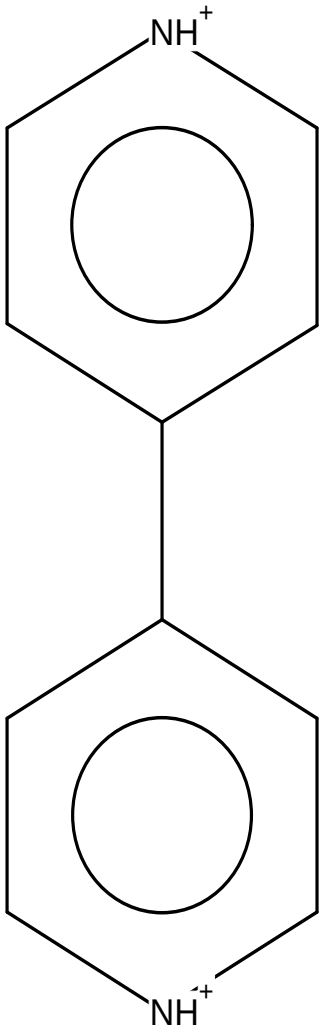
Reference: P.Martin-Zarza, P.Gili, F.V.Rodriguez-Romero, C.Ruiz-Perez, X.Solans (1995) *Polyhedron* ,**14,**2907

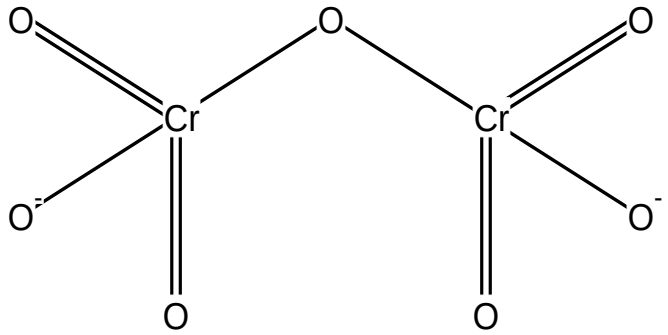
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cr_2\,O_7\,^{2-}$

Compound Name: 4,4'-Bipyridinium (μ_2-oxo)-bis(trioxo-chromium)

Space Group:	Pcmn	***Cell:***	***a***	5.053(1)	***b***	12.320(2)	***c***	20.867(3)
Space Group No.:	62	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%):	4.30	***Temperature(K):***	295	***Density(g/cm^3):***	1.913





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3073

ZESWAV

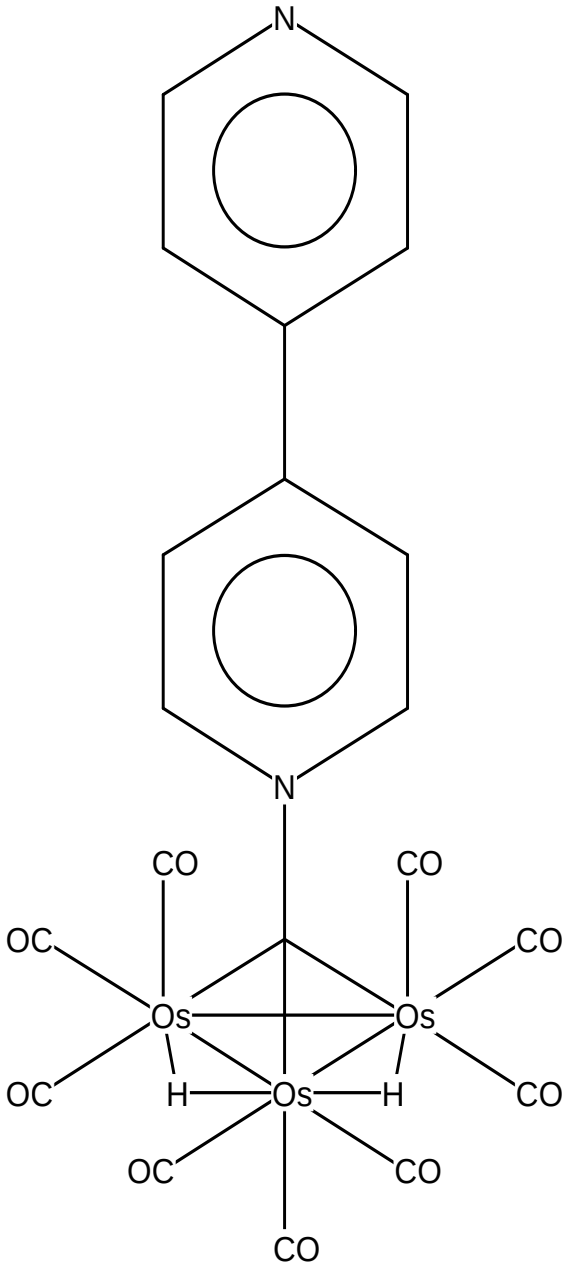
Reference: Wai-Yeung Wong, Wing-Tak Wong, Sheng-Zhi Hu (1995) *Inorg.Chim.Acta* ,**234,**5

Formula: $C_{20}\ H_{10}\ N_2\ O_9\ Os_3, H_2\ O_1$

Compound Name: (μ_3-4,4'-Bipyridylmethylidyne)-bis(μ_2-hydrido)-nonacarbonyl-tri-osmium monohydrate

Space Group:	P21/a	***Cell:***	***a***	17.317(4)	***b*** 11.654(3)	***c***	13.576(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 112.20(2)	γ	90.00

R-Factor (%): 3.80 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.647



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3074

ZIBRAD

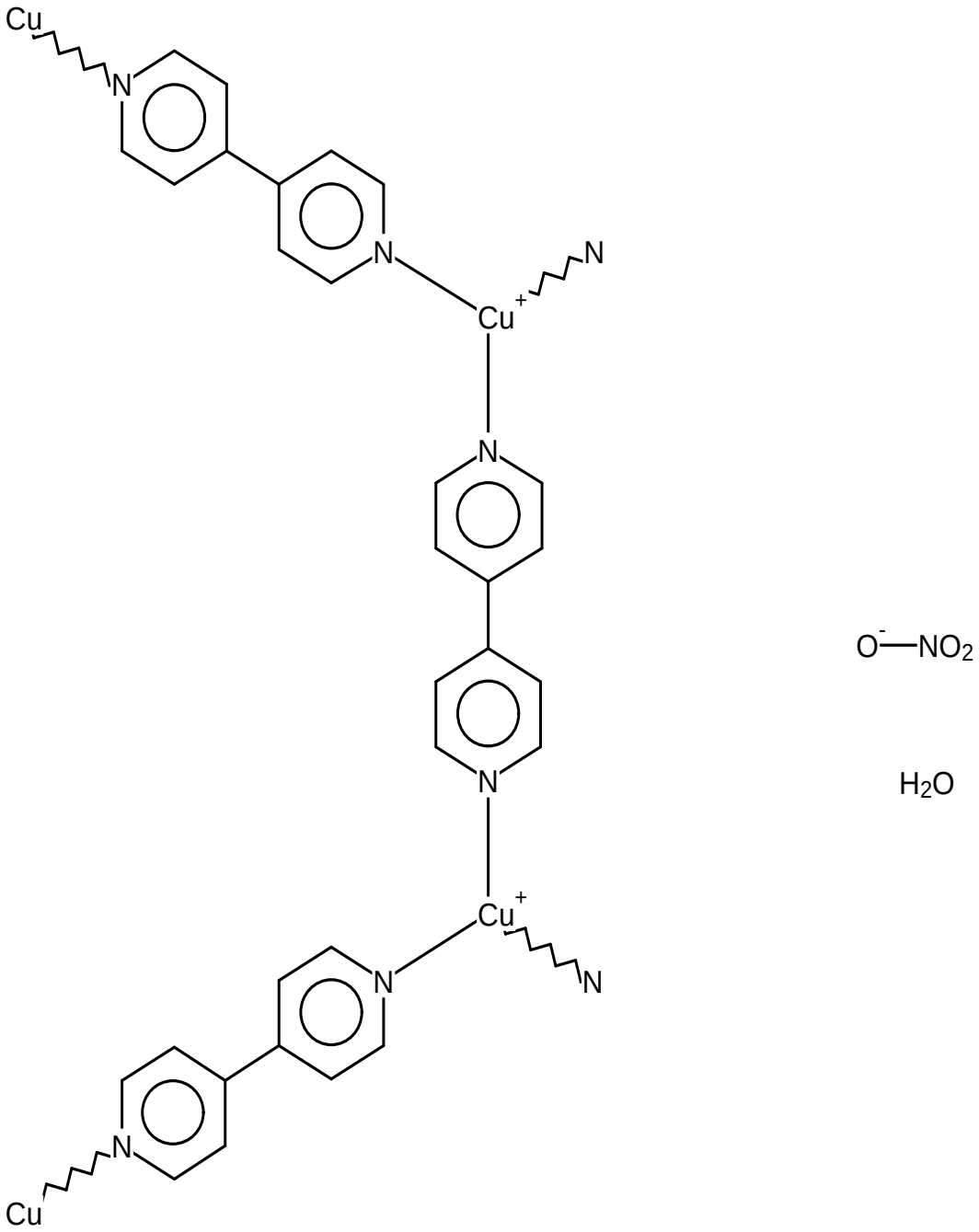
Reference: O.M.Yaghi, Hailian Li (1995) *J.Am.Chem.Soc. ,***117,**10401

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2.5n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-di-copper(i) dinitrate hydrate clathrate)

Space Group:	Fddd	***Cell:***	***a***	18.272(5)	***b***	23.498(5)	***c*** 29.935(7)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.581



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3075

ZIBRAD01

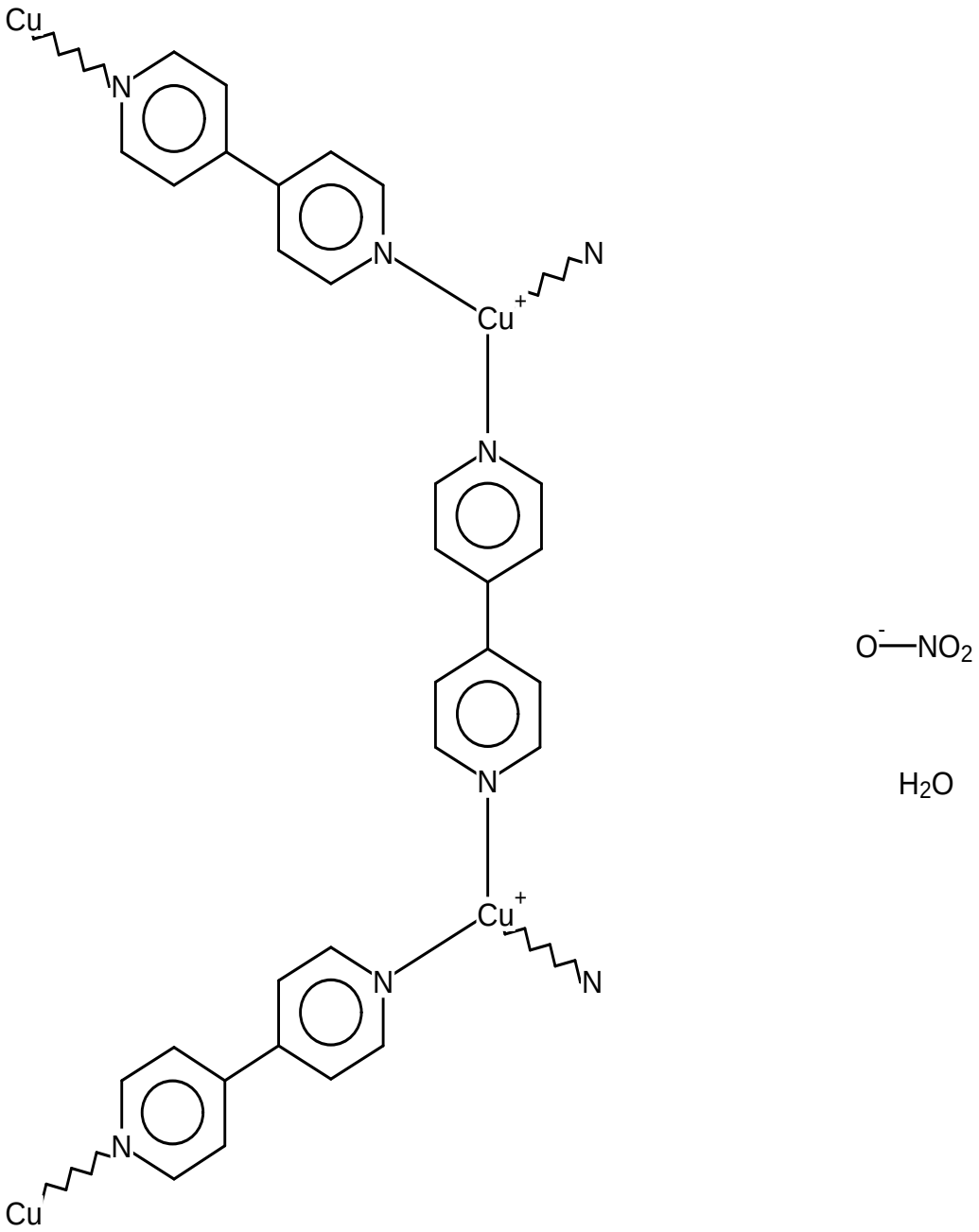
Reference: O.M.Yaghi, Hailian Li (1997) *NATO ASI Ser.,Ser.C* ,**499,** 663

Formula: $(C_{30}\ H_{24}\ Cu_2\ N_6\ ^{2+})n,2n(N_1\ O_3\ ^{1-}),2.5n(H_2\ O_1)$

Compound Name: catena-(tris(μ_2-4,4'-Bipyridyl)-di-copper(i) dinitrate hydrate clathrate)

Space Group:	Fddd	***Cell:***	***a***	18.272(5)	***b***	23.498(5)	***c***	29.935(7)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.60 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.581



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3076

ZIGKAB

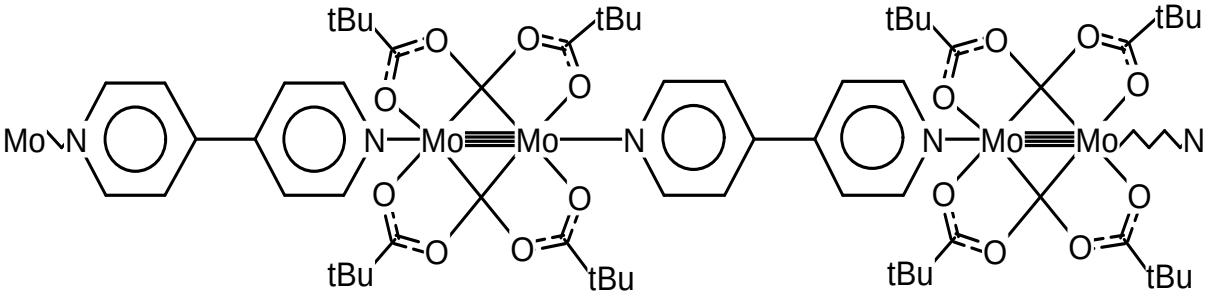
Reference: M.Handa, M.Mikuriya, R.Nukada, H.Matsumoto, K.Kasuga (1994) *Bull.Chem.Soc.Jpn.* ,**67,**3125

Formula: $(C_{60}\ H_{88}\ Mo_4\ N_4\ O_{16})n$

Compound Name: catena-((μ_2-4,4'-Bipyridyl)-tetrakis(μ_2-pivaloato)-di-molybdenum(ii))

Space Group:	P-1	***Cell:***	***a*** 11.844(5)	***b*** 17.167(7)	***c*** 10.378(4)
Space Group No.:	2	***(Å,°)***	α 101.71(3)	β 115.55(2)	γ 72.62(3)

R-Factor (%): 5.40 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.381



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3077

ZIJGUU

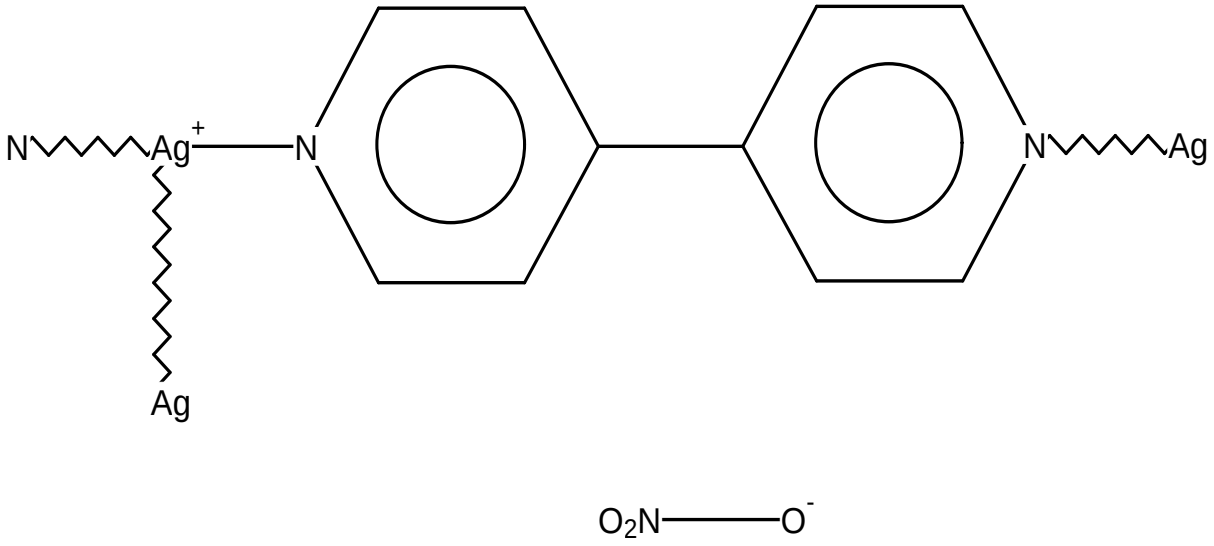
Reference: F.Robinson, M.J.Zaworotko (1995) *Chem.Commun.* ,2413

Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-((μ_2-4,4'-Bipyridine)-silver(i) nitrate)

Space Group:	Fddd	***Cell:***	***a***	9.912(1)	***b***	12.952(1)	***c*** 34.482(4)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 4.10 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.957



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3078

ZIJGUU01

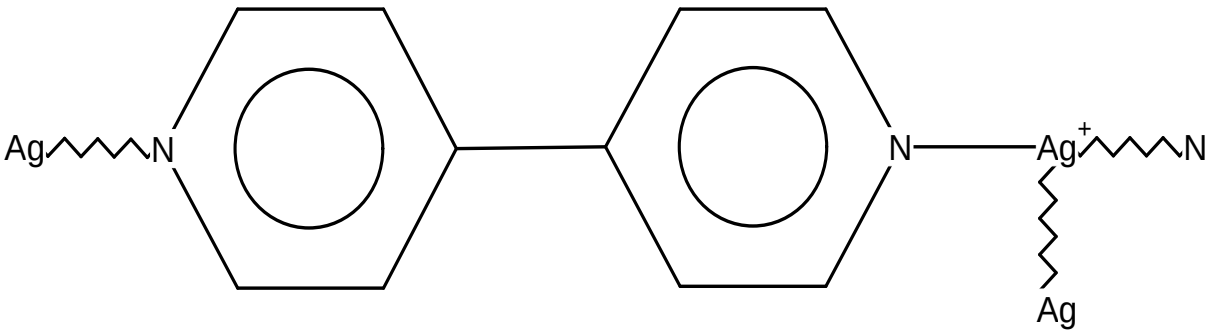
Reference: O.M.Yaghi, Hailian Li (1996) *J.Am.Chem.Soc. ,***118,**295

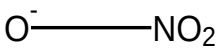
Formula: $(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+})n,n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(μ_2-4,4'-Bipyridine)-silver(i) nitrate

Space Group:	Fddd	***Cell:***	***a***	9.914(2)	***b***	34.488(7)	***c*** 12.963(3)
Space Group No.:	70	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 3.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.955





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3079

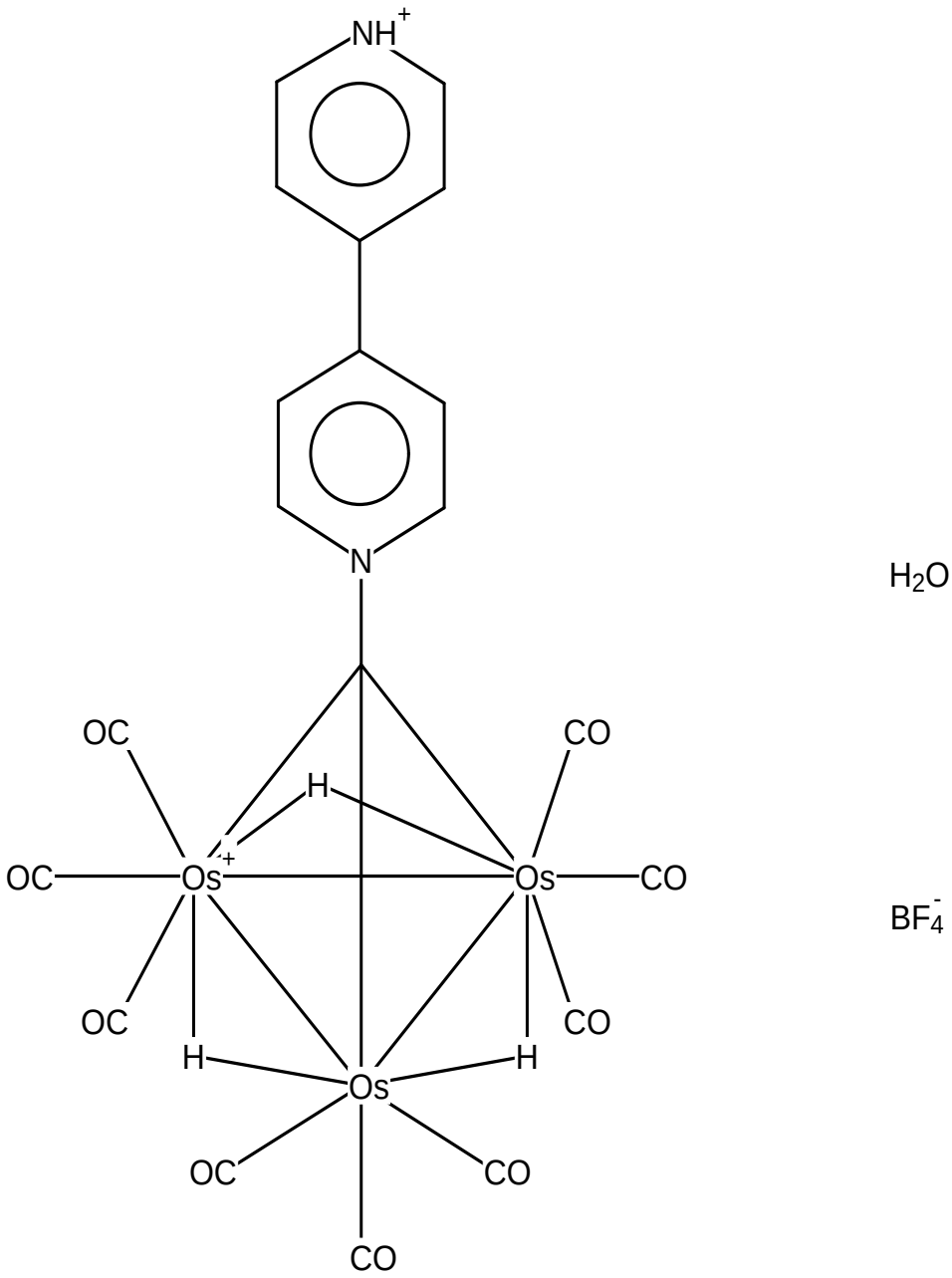
ZOGFEG

Reference: Wai-Yeung Wong, Wing-Tak Wong (1995)
J.Chem.Soc.,Dalton Trans. ,3995

Formula: $C_{20}\ H_{12}\ N_2\ O_9\ Os_3\ ^{2+},2(B_1\ F_4\ ^{1-}),H_2\ O_1$

Compound Name: (μ_3-4,4'-Bipyridine-4-methylidyne)-tris(μ_2-hydrido)-nonacarbonyl-tri-osmium bis(tetrafluoroborate) monohydrate

Space Group:	P21/n	***Cell:***	***a***	9.016(1)	***b***	30.435(9)	***c*** 11.186(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	102.72(2)	γ 90.00
R-Factor (%):	4.00	***Temperature(K):***	295		***Density(g/cm^3):***		2.632



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3080

ZOMJUG

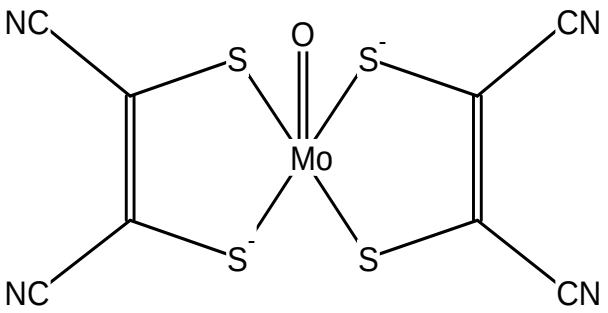
Reference: B.Gotz, F.Knoch, H.Kisch (1996) *Chem.Ber.* ,**129,**33

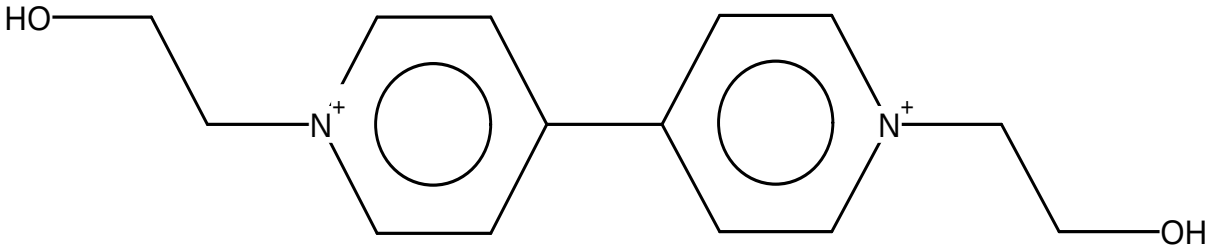
Formula: $C_8\ Mo_1\ N_4\ O_1\ S_4\ ^{2-}$,$C_{14}\ H_{18}\ N_2\ O_2\ ^{2+}$

Compound Name: N,N'-bis(2-Hydroxyethyl)-4,4'-bipyridinium bis(maleonitriledithiolato)-oxo-molybdenum(iv)

Space Group:	C2/c	***Cell:***	***a***	21.605(4)	***b*** 7.861(3)	***c***	16.691(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 112.97(2)	γ	90.00

R-Factor (%): 3.60 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.625





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3081

ZOMKAN

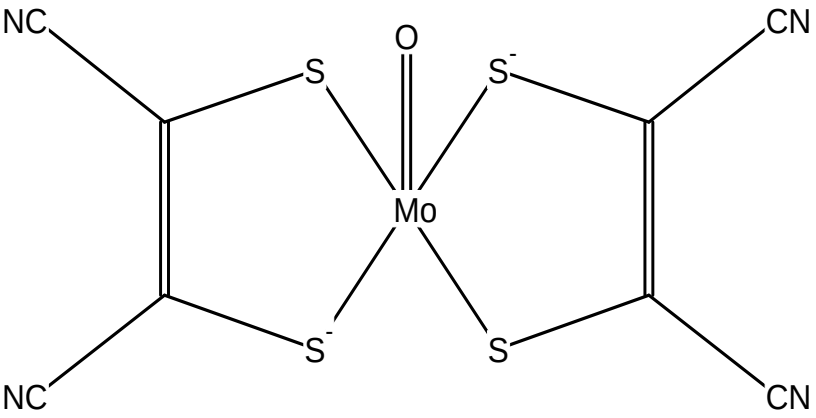
Reference: B.Gotz, F.Knoch, H.Kisch (1996) *Chem.Ber.* ,**129,**33

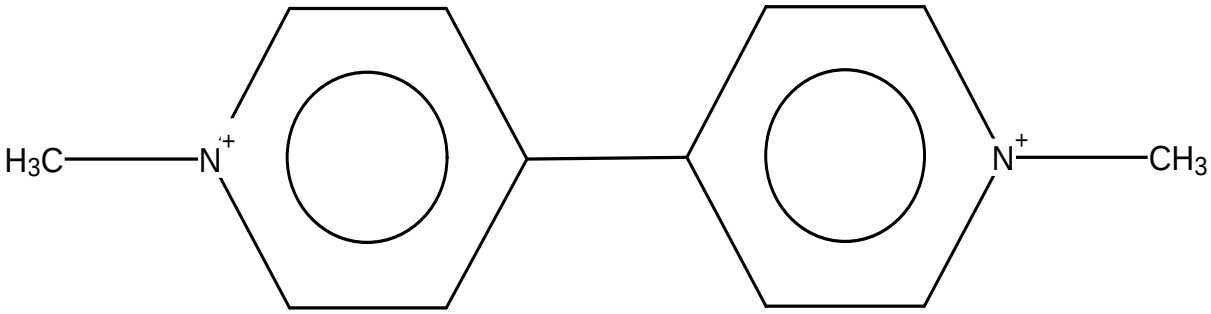
Formula: $C_8\ Mo_1\ N_4\ O_1\ S_4\ ^{2-}$,$C_{12}\ H_{14}\ N_2\ ^{2+}$

Compound Name: N,N'-Dimethyl-4,4'-bipyridinium bis(maleonitriledithiolato)-oxo-molybdenum(iv)

Space Group:	P-1	***Cell:***	***a*** 10.606(3)	***b*** 14.570(5)	***c*** 17.126(4)
Space Group No.:	2	***(Å,°)***	α 110.87(2)	β 94.73(2)	γ 98.25(2)

R-Factor (%): 3.30 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.587





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3082

ZONYUW

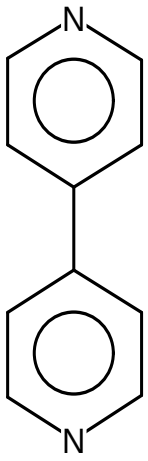
Reference: C.Simonnet-Jegat, S.Delalande, S.Halut, B.Marg, F.Secheresse (1996) *Chem.Commun.* ,423

Formula: $5(C_{10}\ H_8\ N_2),6(H_4\ N_1\ ^{1+}),O_4\ S_{20}\ V_4\ ^{6-},7(H_2\ O_1)$

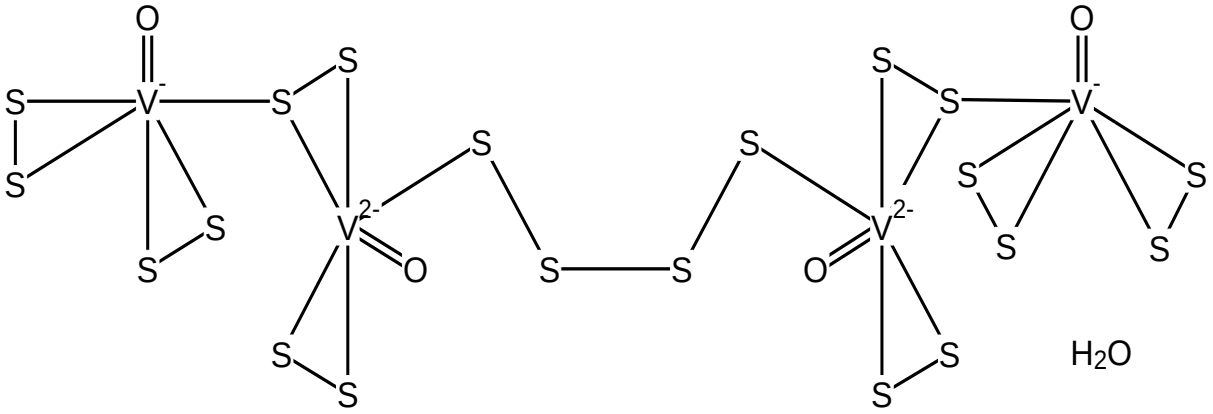
Compound Name: Hexa-ammonium (μ_2-tetrasulfido)-bis(μ_2-disulfido)-hexakis(disulfido)-tetrakis(oxo-vanadium) 4,4'-bipyridine solvate heptahydrate

Space Group:	P-1	***Cell:***	***a***	11.197(2)	***b***	16.544(3)	***c*** 23.609(2)
Space Group No.:	2	***(Å,°)***	α	104.06(1)	β	96.80(1)	γ 102.27(1)

R-Factor (%):	4.50	***Temperature(K):***	295	***Density(g/cm^3):***	1.567







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3083

ZUXVUJ

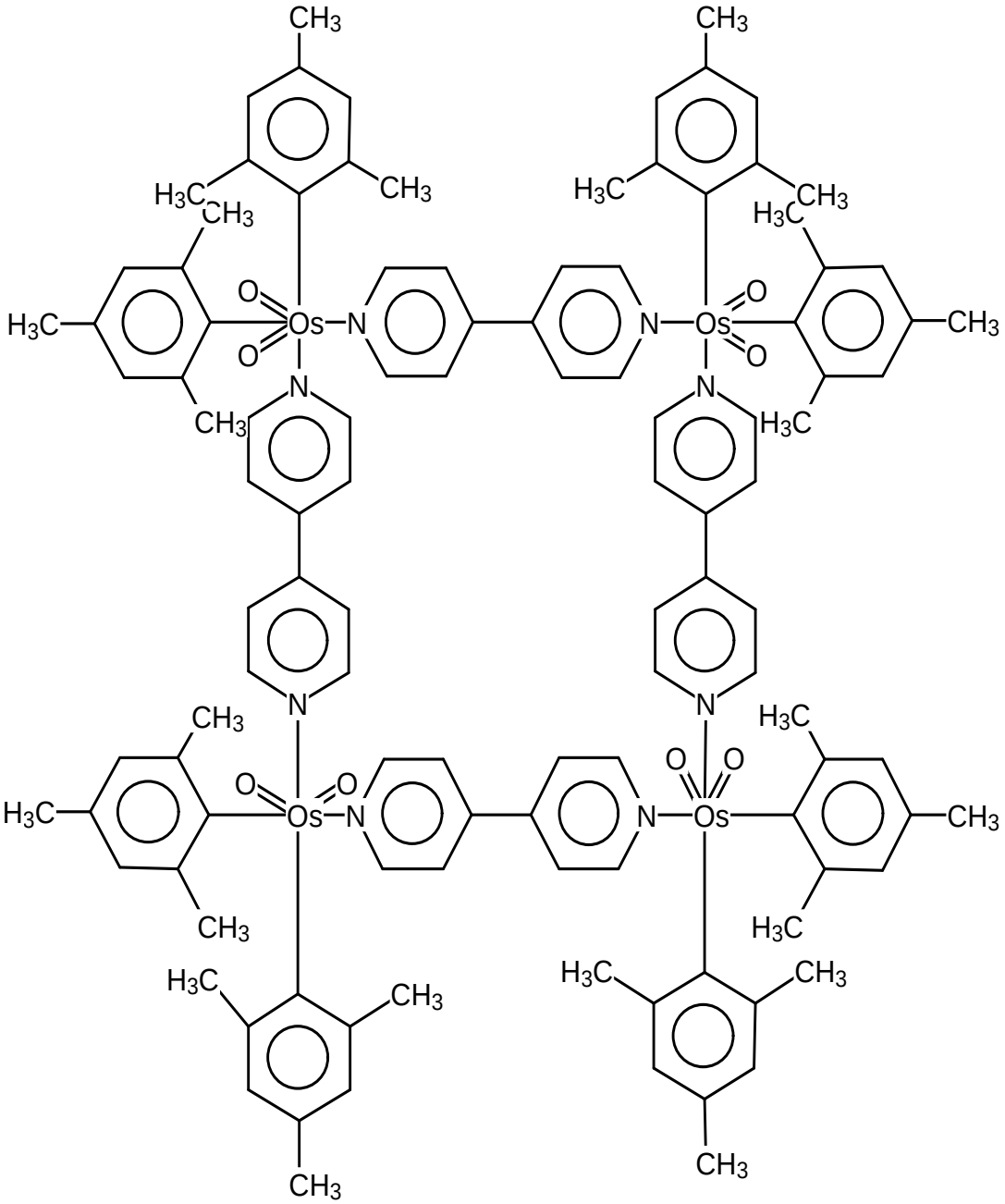
Reference: Wa-Hung Leung, J.Y.K.Cheng, T.S.M.Hun, Ch-Ming Che, Wing-Tak Wong, Kung-Kai Cheung (1996) *Organometallics* ,**15,**1497

Formula: $C_{112}\ H_{120}\ N_8\ O_8\ Os_4$

Compound Name: tetrakis(μ_2-4,4'-Bipyridyl)-octamesityl-octaoxo-tetra-osmium

Space Group:	I41/a	***Cell:***	***a***	18.318(5)	***b***	18.318(5)	***c***	31.465(6)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.00 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.552



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3084

AJONET

Reference: Qiaowei Li, Wenyu Zhang, O.S.Miljaniae, C.B.Knobler, J.F.Stoddart, O.M.Yaghi (2010) *Chem.Commun. ,***46,**380

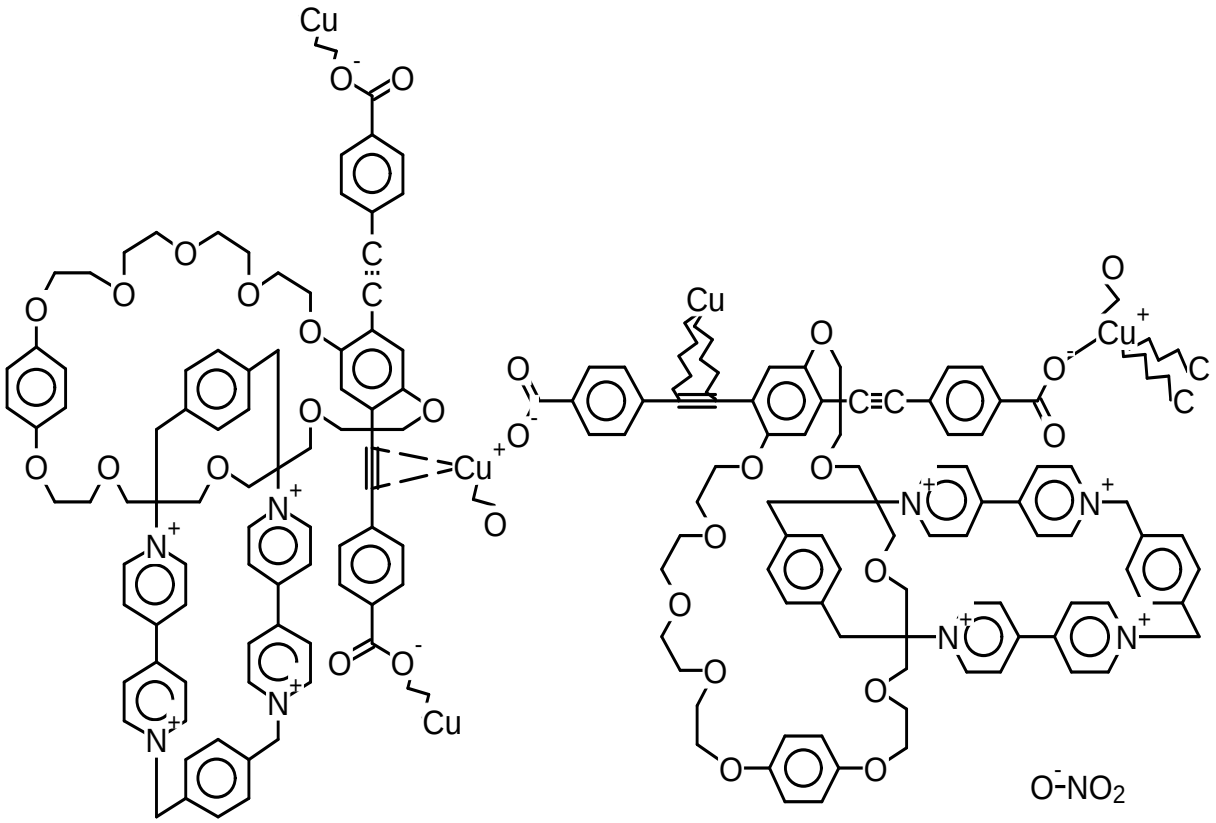
Formula: $(C_{92}\ H_{92}\ Cu_2\ O_{28}\ ^{2-})n,n(C_{36}\ H_{32}\ N_4\ ^{4+}),n(C_{36}\ H_{32}\ N_4\ ^{4+}),6n(N_1\ O_3\ ^{1-})$

Compound Name: catena-[rac-bis(μ_3-η^2-[2]-(1,6(1,4),2,7(4,1)-tetrapyridina-4,9(1,4)-dibenzenacyclodecaphane-1^1,2^1,6^1,7^1-tetra-ium)-(1^2,1^5-bis(4-carboxylatophenylethynyl)-2,5,8,11,14,16,19,22,25,28-deca-oxo-1,15(1,4)-dibenzenacyclohexadecaphane)-rotaxane)-di-copper(i) hexanitrate unknown solvate]

Synonym: MOF-1011

Space Group:	Pca21	***Cell:***	***a***	38.578(1)	***b***	13.584(0)	***c*** 32.074(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 29.01 ***Temperature(K):*** 258 ***Density(g/cm^3):*** 1.259



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3085

AJONET01

Reference: Qiaowei Li, Wenyu Zhang, O.S.Miljaniae, C.B.Knobler, J.F.Stoddart, O.M.Yaghi (2010) *Chem.Commun. ,***46,**380

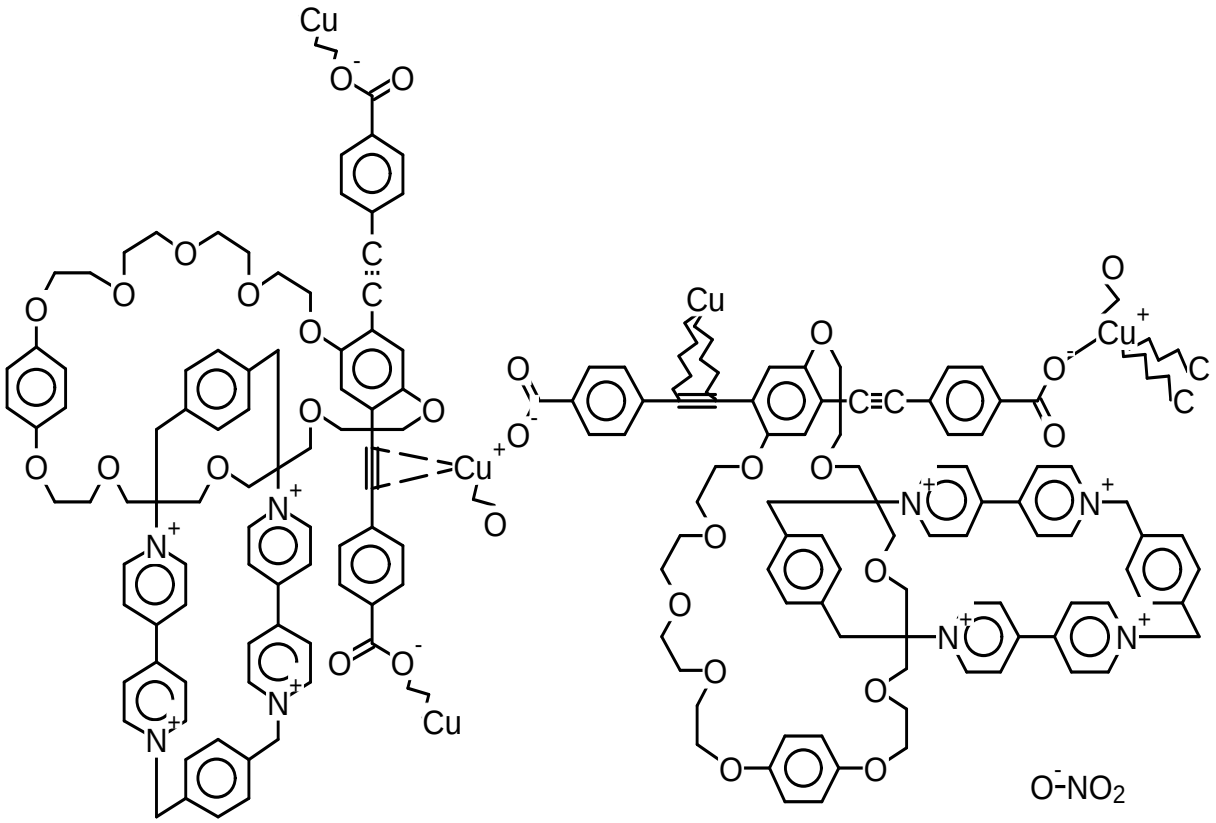
Formula: $(C_{92}\ H_{92}\ Cu_2\ O_{28}\ ^{2-})n,n(C_{36}\ H_{32}\ N_4\ ^{4+}),n(C_{36}\ H_{32}\ N_4\ ^{4+}),6n(N_1\ O_3\ ^{1-})$

Compound Name: catena-[rac-bis(μ_3-η^2-[2]-(1,6(1,4),2,7(4,1)-tetrapyridina-4,9(1,4)-dibenzenacyclodecaphane-1^1,2^1,6^1,7^1-tetra-ium)-(1^2,1^5-bis(4-carboxylatophenylethynyl)-2,5,8,11,14,16,19,22,25,28-deca-oxo-1,15(1,4)-dibenzenacyclohexadecaphane)-rotaxane)-di-copper(i) hexanitrate unknown solvate]

Synonym: MOF-1011

Space Group:	Pca21	***Cell:***	***a***	38.578(1)	***b***	13.584(0)	***c*** 32.074(0)
Space Group No.:	29	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 19.76 ***Temperature(K):*** 258 ***Density(g/cm^3):*** 1.259



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3086

BOPTOQ01

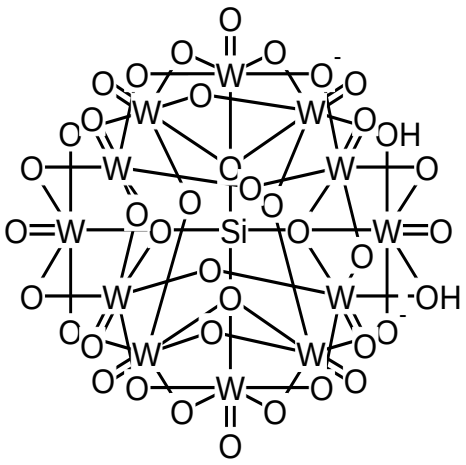
Reference: Feng Yao, Fan-Xia Meng, Ya-Guang Chen, Chun-Jing Zhang (2010) *J.Coord.Chem. ,***63,**196

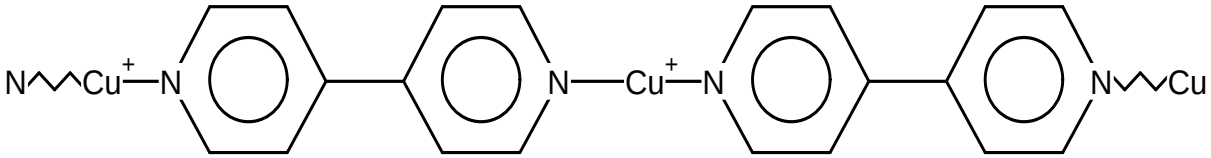
Formula: $(H_2 O_{40} Si_1 W_{12}{}^{2-})n,n(C_{20} H_{16} Cu_2 N_4{}^{2+}),2n(H_2 O_1)$

Compound Name: catena-(bis(μ_2-4,4'-Bipyridine-N,N')-di-copper(i) (μ_{12}-silicato)-bis(μ_2-hydroxo)-docosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten dihydrate)

Space Group:	P-1	***Cell:***	***a*** 10.860(0)	***b*** 11.852(0)	***c*** 13.348(1)
Space Group No.:	2	***(Å,°)***	α 104.25(0)	β 103.25(0)	γ 114.88(0)

R-Factor (%): 4.72 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.981





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3087

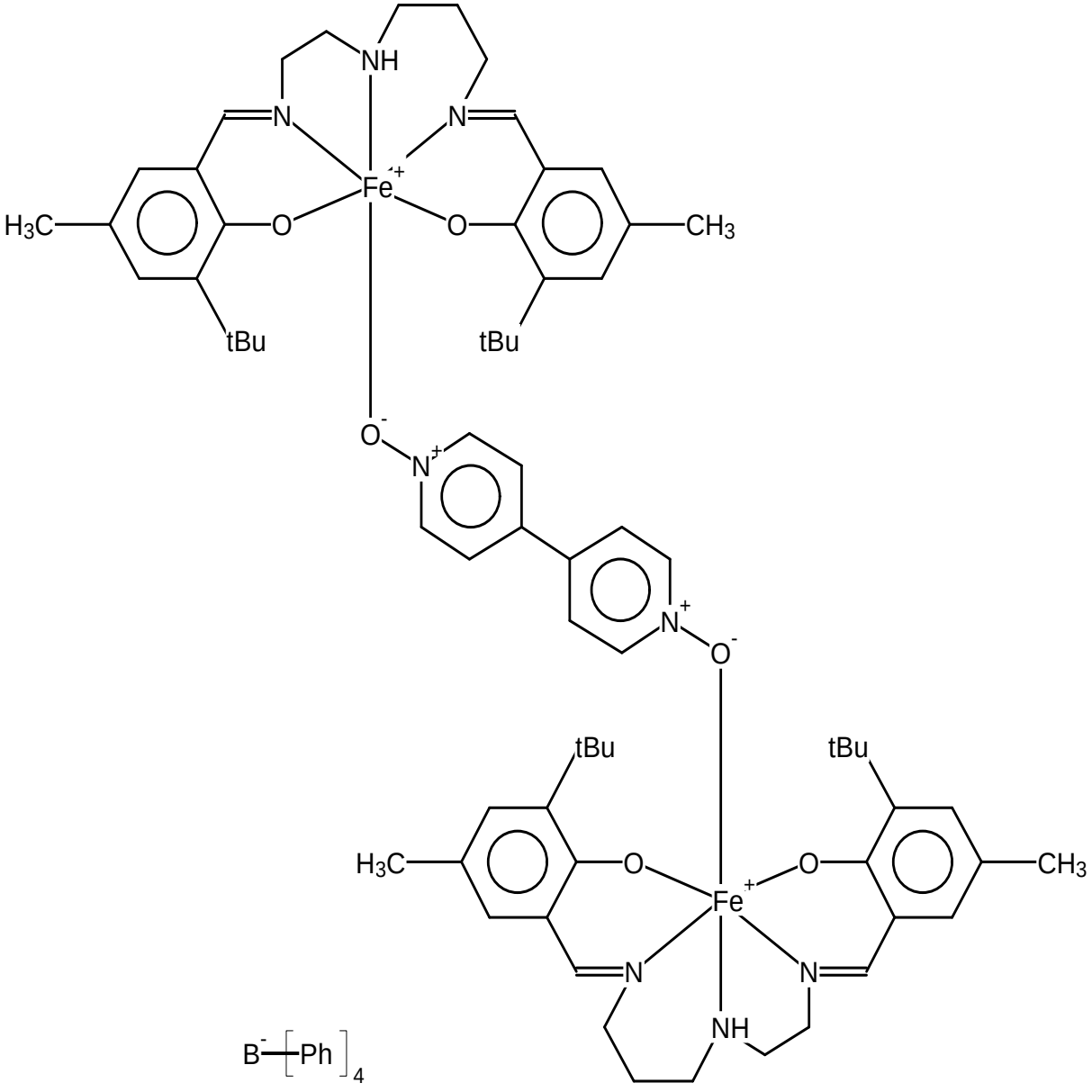
BULWIP

Reference: I.Nemec, R.Boca, M.Gembicky, L.Dlhan, R.Herchel, F.Renz (2009) *Inorg.Chim.Acta ,***362,**4754

Formula: $C_{68}\ H_{90}\ Fe_2\ N_8\ O_6\ ^{2+}$,2($C_{24}\ H_{20}\ B_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(N,N'-bis(3-t-butyl-2-oxy-5-methylbenzylidene)-1,6-diamino-4-azahexane)-di-iron(iii) bis(tetraphenylborate)

Space Group:	P21/n	***Cell:***	***a***	11.351(0)	***b*** 29.838(0)	***c***	15.840(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.91(0)	γ	90.00
R-Factor (%):	3.55	***Temperature(K):***	90		***Density(g/cm^3):***		1.228



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3088

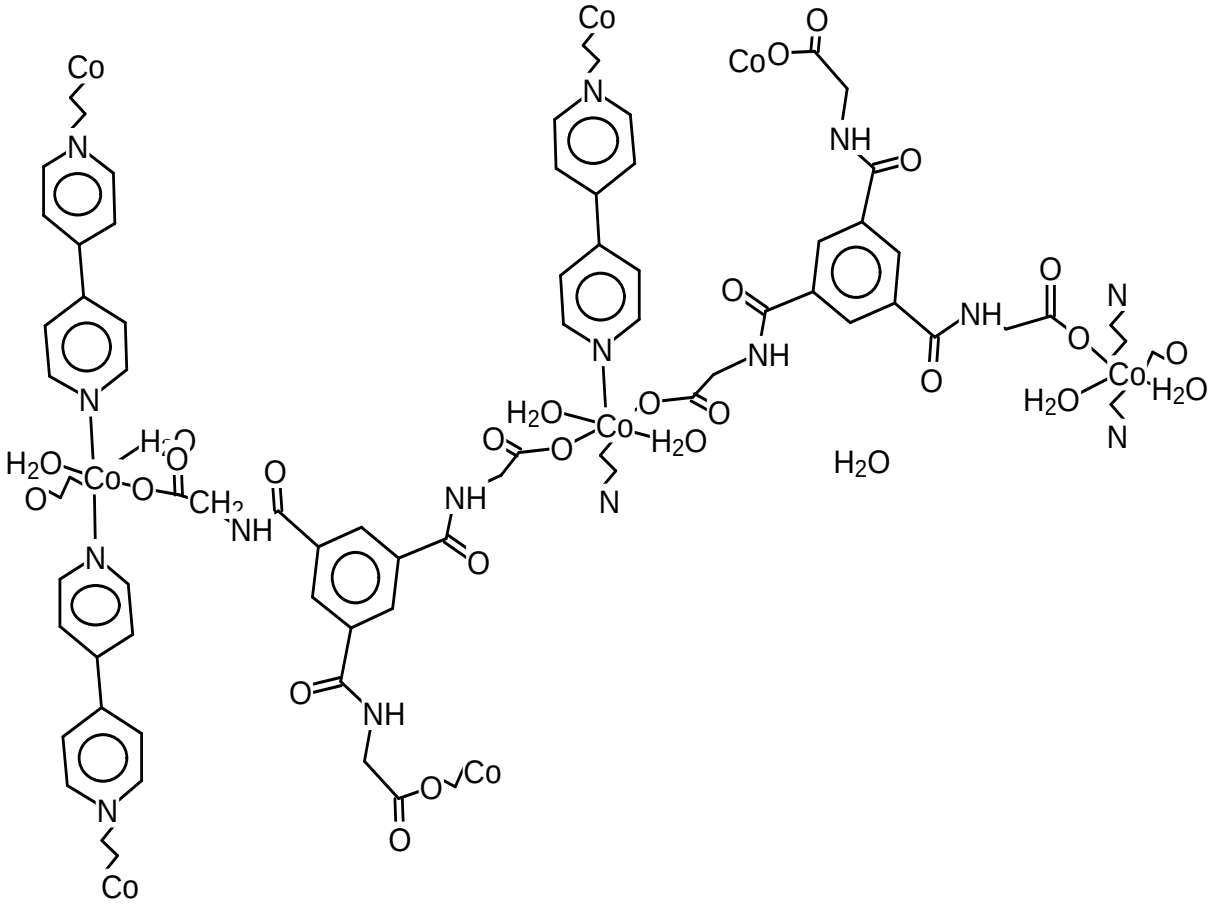
BUPGID

Reference: Tianyin Min, Bo Zheng, Junfeng Bai, Ran Sun, Yizhi Li, Zhuxiu Zhang (2010) *CrystEngComm* ,**12,**70

Formula: $(C_{60}\ H_{60}\ Co_3\ N_{12}\ O_{24})n,10n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-N,N,'N''-tris(carboxymethyl)-1,3,5-benzenetricarboxamide)-tris(μ_2-4,4'-bipyridyl)-hexaqua-tri-cobalt(ii) decahydrate)

Space Group:	P21/c	***Cell:***	***a***	11.502(0)	***b*** 22.284(1)	***c***	14.187(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 102.80(0)	γ	90.00
R-Factor (%):	6.48	***Temperature(K):***	291		***Density(g/cm^3):***		1.583



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3089

BUPJEC

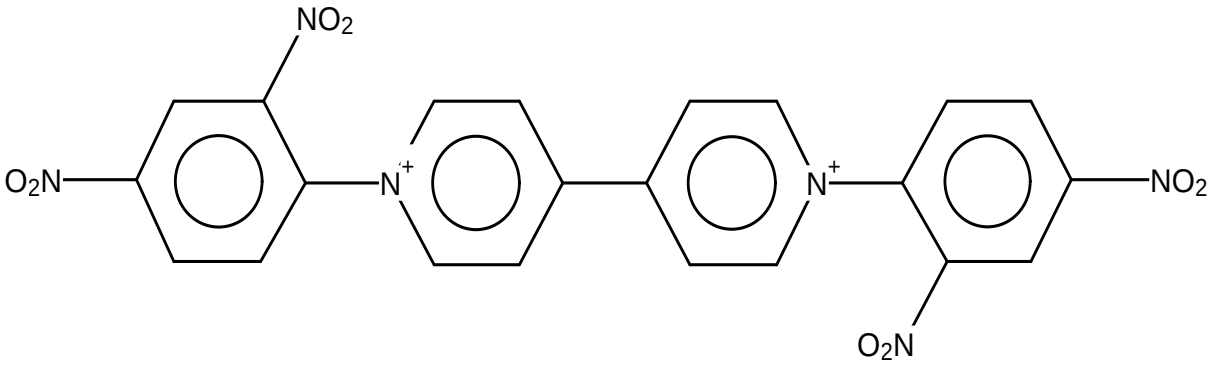
Reference: A.S.Abouelwafa, V.Mereacre, T.S.Balaban, C.E.Anson, A.K.Powell (2010) *CrystEngComm ,***12,**94

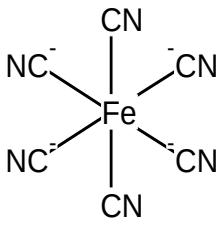
Formula: $2(C_{22}\ H_{14}\ N_6\ O_8\ ^{2+}),C_6\ Fe_1\ N_6\ ^{4-},20(H_2\ O_1)$

Compound Name: bis(1,1'-bis(2,4-dinitrophenyl)-4,4'-bipyridinium) hexacyano-iron(ii) icosahydrate

Space Group:	Ibam	***Cell:***	***a***	26.400(1)	***b***	11.353(0)	***c***	22.236(1)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.21 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.548





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3090

BUPJEC01

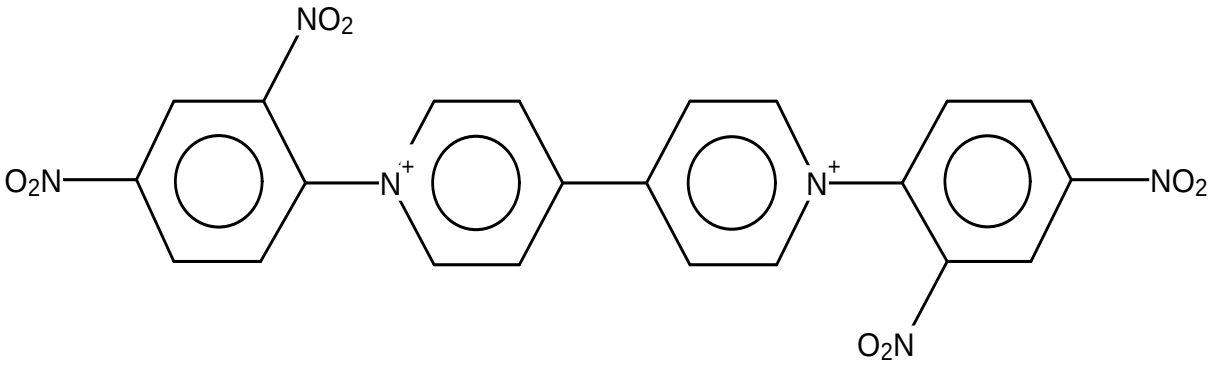
Reference: A.S.Abouelwafa, V.Mereacre, T.S.Balaban, C.E.Anson, A.K.Powell (2010) *CrystEngComm ,***12,**94

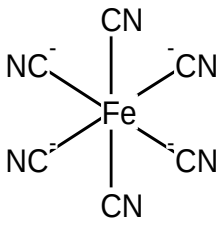
Formula: $2(C_{22}\ H_{14}\ N_6\ O_8\ ^{2+}),C_6\ Fe_1\ N_6\ ^{4-},20(H_2\ O_1)$

Compound Name: bis(1,1'-bis(2,4-dinitrophenyl)-4,4'-bipyridinium) radical hexacyano-iron(ii) icosahydrate

Space Group:	Ibam	***Cell:***	***a***	26.442(3)	***b***	11.372(1)	***c***	22.311(2)
Space Group No.:	72	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.92 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.538





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3091

BUQSAI

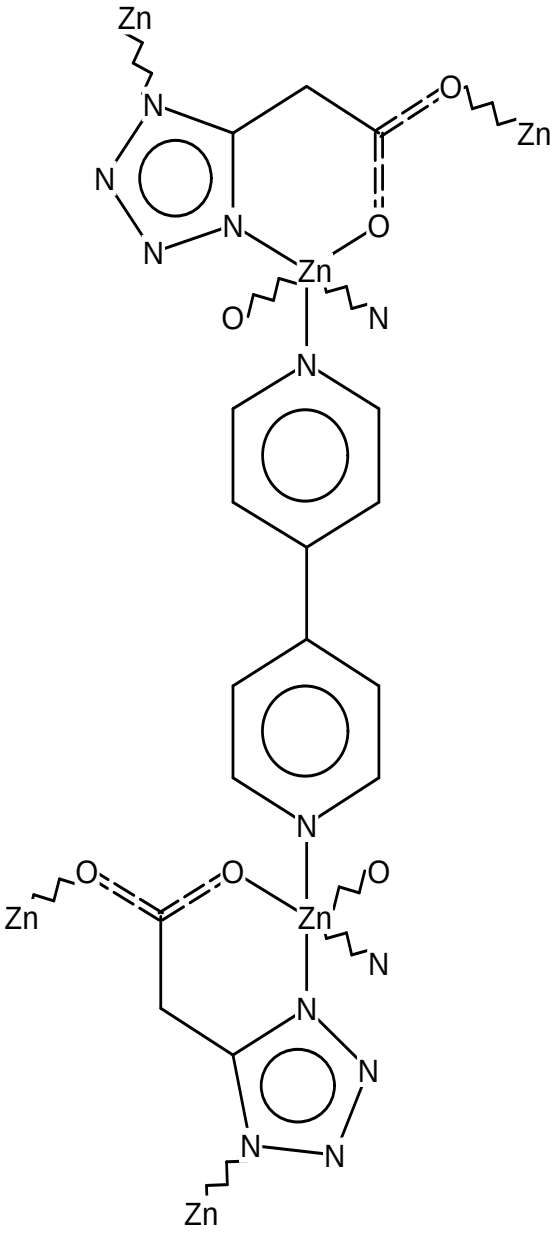
Reference: Mei-Feng Wu, Fa-Kun Zheng, A-Qing Wu, Yan Li, Ming-Sheng Wang, Wei-Wei Zhou, Feng Chen, Guo-Cong Guo, Jin-Shun Huang (2010) *CrystEngComm* ,**12,**260

Formula: $(C_{16}\ H_{12}\ N_{10}\ O_4\ Zn_2)n$

Compound Name: catena-(bis(μ_3-1H-Tetrazolate-5-carboxylato)-(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii))

Space Group:	P21/c	***Cell:***	***a***	13.515(3)	***b***	6.747(1)	***c***	10.667(2)
Space Group No.:	14	***(Å,°)***	α	90.00	β	91.33(3)	γ	90.00

R-Factor (%): 4.35 ***Temperature(K):*** 293 ***Density(g/cm3):*** 1.841



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3092

BURFUQ

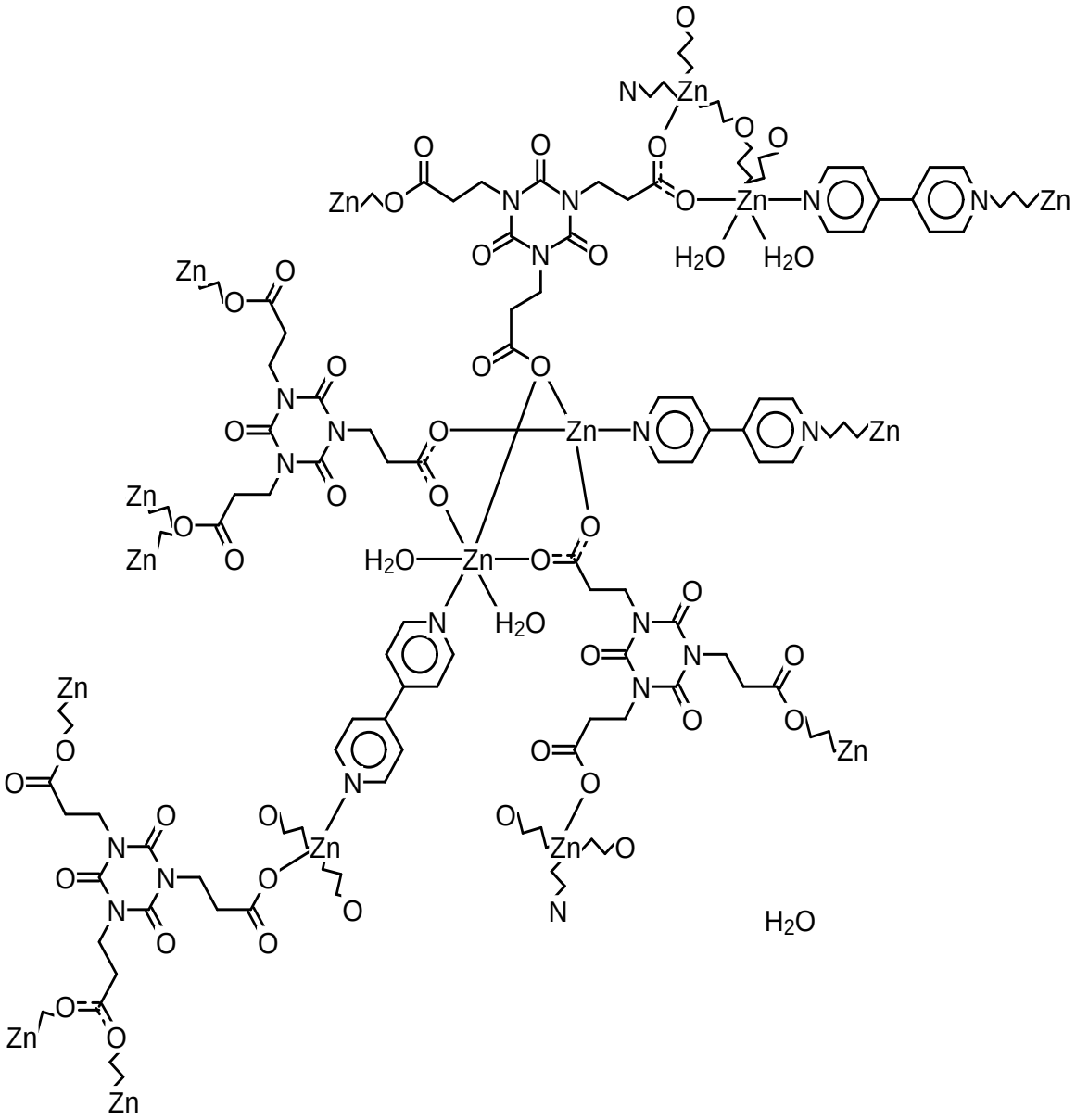
Reference: Zheng-Bo Han, Guo-Xin Zhang (2010) *CrystEngComm* , **12,**348

Formula: $(C_{78}\ H_{80}\ N_{18}\ O_{40}\ Zn_6)n,12n(H_2\ O_1)$

Compound Name: catena-[bis(μ_5-3,3',3''-(2,4,6-Trioxo-1,3,5-triazinane-1,3,5-triyl) tripropanoato-O,O,O',O'',O''')-bis(μ_4-3,3',3''-(2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)tripropanoato-O,O',O'',O''')-tris(μ_2-4,4'-bipyridine-N,N')-tetra-aqua-hexa-zinc(ii) dodecahydrate]

Space Group:	P-1	***Cell:***	***a***	12.644(3)	***b*** 13.825(3)	***c***	15.768(3)
Space Group No.:	2	***(Å,°)***	α	98.33(1)	β 102.60(1)	γ	108.72(1)

R-Factor (%): 5.06 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.687



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3093

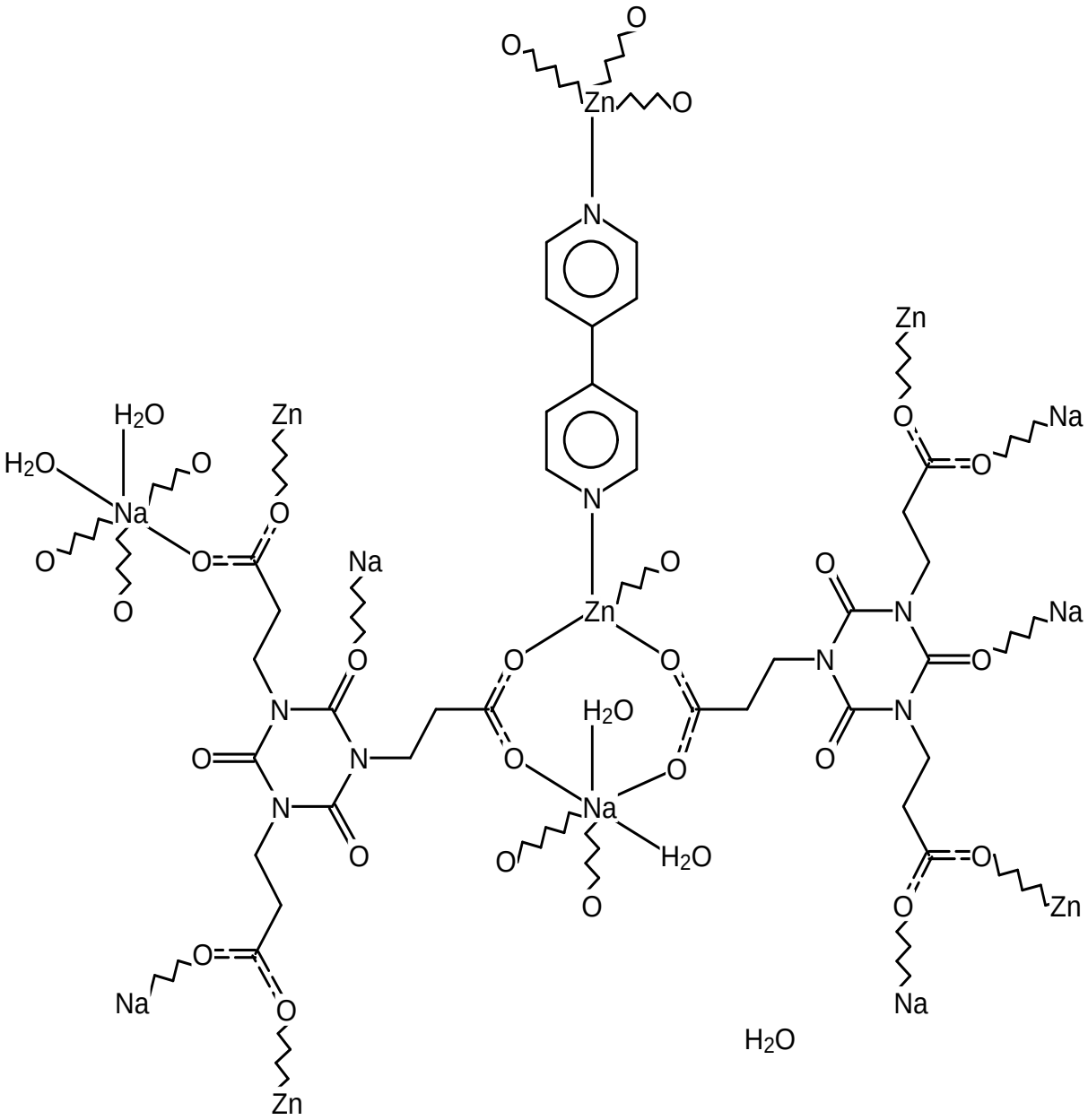
BURGAX

Reference: Zheng-Bo Han, Guo-Xin Zhang (2010) *CrystEngComm* , **12,**348

Formula: $(C_{34}\ H_{40}\ N_8\ Na_2\ O_{22}\ Zn_2)n,4n(H_2\ O_1)$

Compound Name: catena-[bis(μ_7-3,3',3''-(2,4,6-Trioxo-1,3,5-triazinane-1,3,5-triyl) tripropanoato)-(μ_2-4,4'-bipyridine)-diaqua-sodium-zinc(ii) tetrahydrate]

Space Group:	C2/m	***Cell:***	***a***	21.545(5)	***b***	13.381(2)	***c*** 8.679(3)
Space Group No.:	12	***(Å,°)***	α	90.00	β	112.89(3)	γ 90.00
R-Factor (%):	6.01	***Temperature(K):***	293		***Density(g/cm^3):***		1.673



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3094

BURPIO

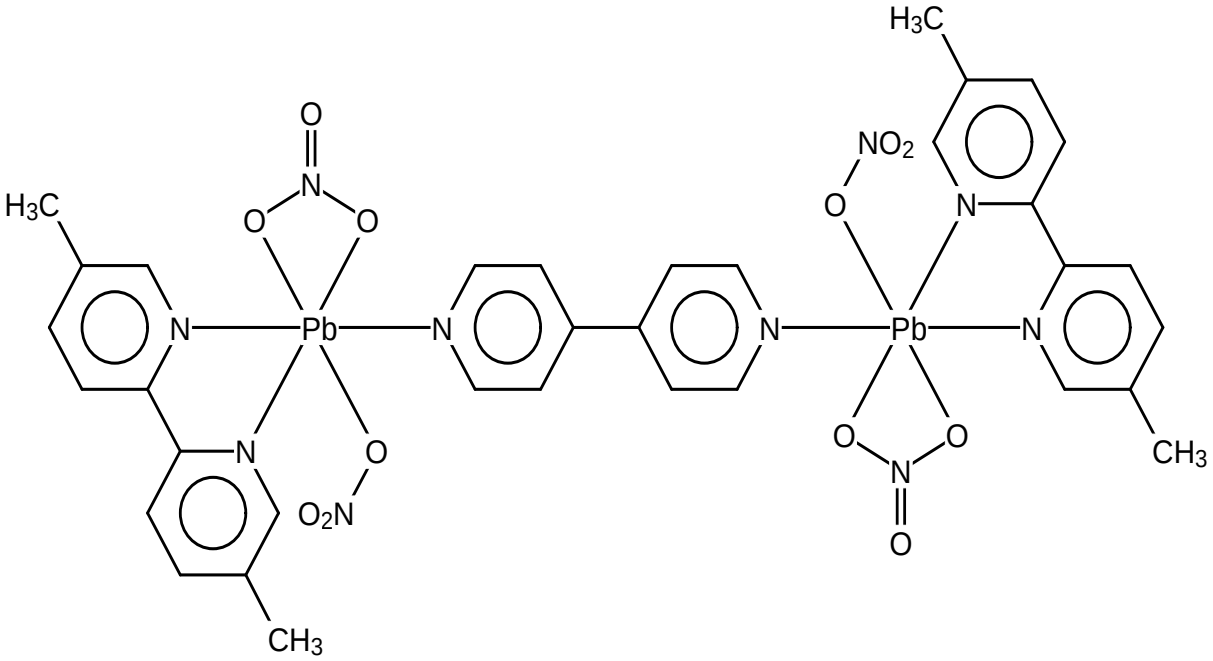
Reference: F.Marandi, I.Pantenburg, G.Meyer (2009)
Z.Anorg.Allg.Chem. ,**635,**2558

Formula: $C_{34}\ H_{32}\ N_{10}\ O_{12}\ Pb_2$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(5,5'-dimethyl-2,2'-bipyridine-N,N')-bis(nitrato-O)-bis(nitrato-O,O')-di-lead(ii)

Space Group:	C2/c	***Cell:***	***a***	31.345(4)	***b*** 7.561(0)	***c***	22.366(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 132.84(0)	γ	90.00

R-Factor (%): 2.43 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.029



Search: search1 (Thu May 26 10:05:42 2011): Hit 3095

BURPOU

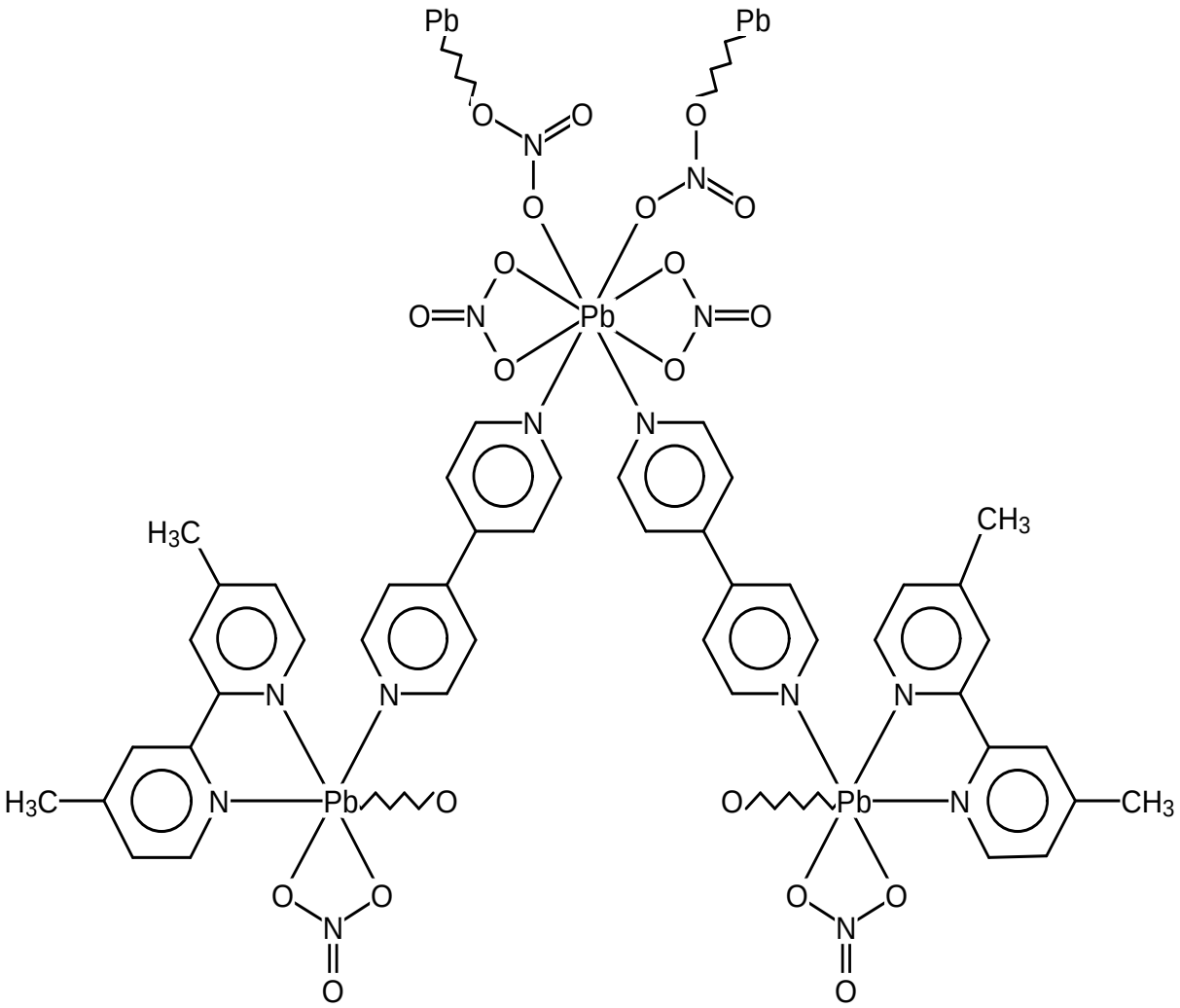
Reference: F.Marandi, I.Pantenburg, G.Meyer (2009)
Z.Anorg.Allg.Chem. ,**635,**2558

Formula: $(C_{44}\ H_{40}\ N_{14}\ O_{18}\ Pb_3)n$

Compound Name: catena-[bis(4,4'-Bipyridine-N,N')-bis(μ_2-nitrato-O,O')-bis(4,4'-dimethyl-2,2'-bipyridine-N,N')-tetrakis(nitrato-O,O')-tri-lead(ii)]

Space Group:	C2/c	***Cell:***	***a***	21.445(5)	***b***	7.981(1)	***c***	30.263(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β	96.69(1)	γ	90.00

R-Factor (%): 2.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.162



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3096

BURREM

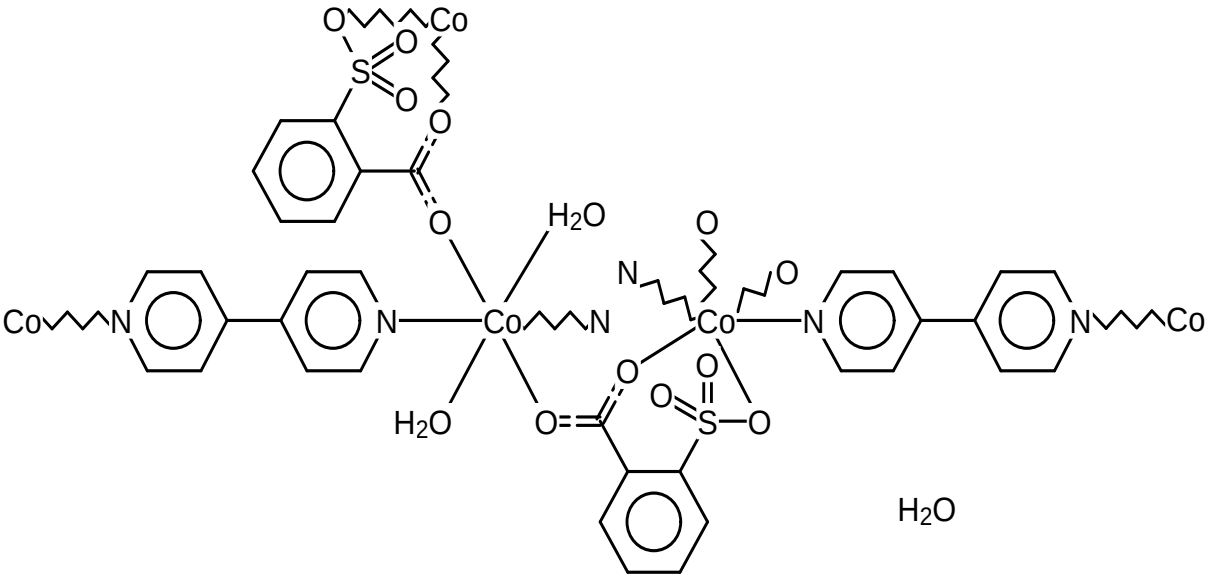
Reference: Ming-Li Liu, Ming Fang, Bin Zhao (2009)
Z.Anorg.Allg.Chem. ,**635,**2592

Formula: $(C_{34}\ H_{28}\ Co_2\ N_4\ O_{12}\ S_2)n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridine-N,N')-(μ_2-2-sulfonatobenzoato-O,O',O'')-diaqua-di-cobalt(ii) dihydrate]

Space Group:	C2/c	***Cell:***	***a*** 16.451(3)	***b*** 11.418(2)	***c*** 20.674(4)
Space Group No.:	15	***(Å,°)***	α 90.00	β 111.96(3)	γ 90.00

R-Factor (%): 4.24 ***Temperature(K):*** 193 ***Density(g/cm^3):*** 1.665



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3097

CUMREI01

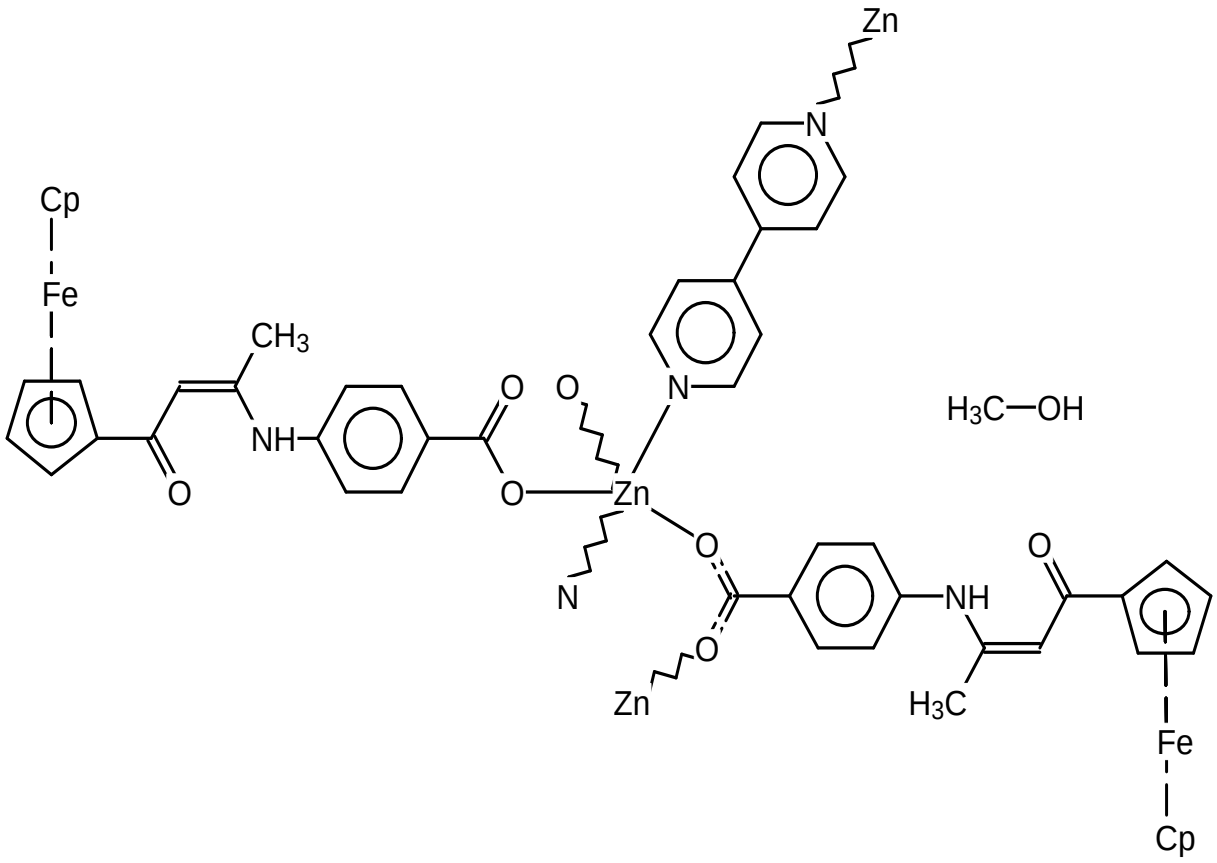
Reference: Hai Fang Zhang, Zi Feng Li, Gang Li, Li Peng Wang, Jia Bin Li, Guang Jian Mei (2008) *Chin.Chem.Lett. ,***19,**1499

Formula: $(C_{52}\ H_{44}\ Fe_2\ N_4\ O_6\ Zn_1)n,n(C_1\ H_4\ O_1)$

Compound Name: catena-((μ$_2$-4-((4-(ferrocenyl)-4-oxobut-2-en-2-yl)amino)benzoato)-(μ$_2$-4,4'-bipyridine)-(4-((4-(ferrocenyl)-4-oxobut-2-en-2-yl)amino)benzoato)-zinc(ii) methanol solvate)

Space Group:	P-1	***Cell:***	***a*** 11.438(1)	***b*** 13.360(1)	***c*** 17.590(3)
Space Group No.:	2	***(Å,°)***	α 106.34(0)	β 106.09(0)	γ 102.07(0)

R-Factor (%): 4.79 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.453



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3098

CUNHEZ

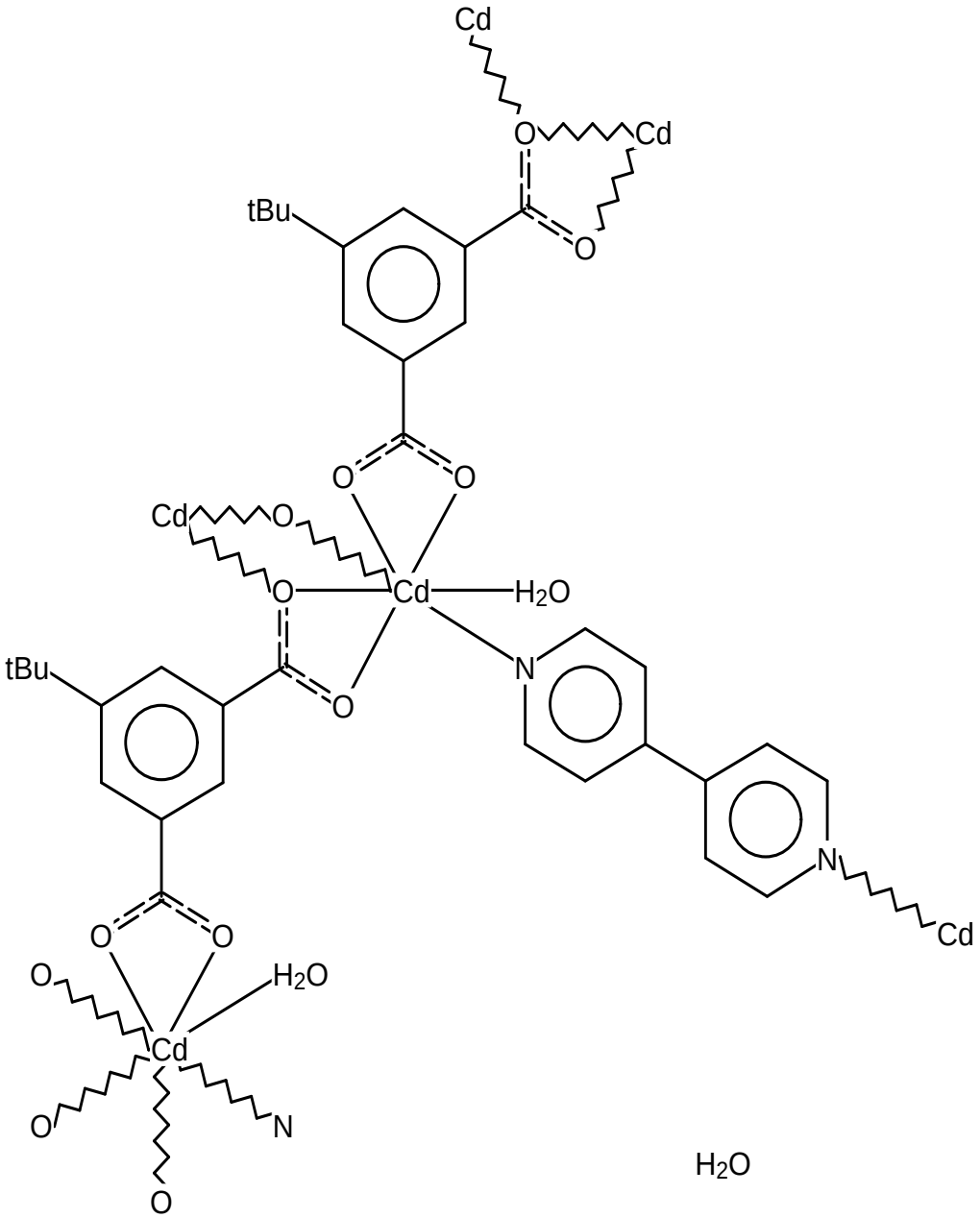
Reference: Lu-Fang Ma, Li-Ya Wang, Jiang-Liang Hu, Yao-Yu Wang, Guo-Ping Yang (2009) *Cryst.Growth Des. ,***9,**5334

Formula: $(C_{34}\ H_{36}\ Cd_2\ N_2\ O_{10})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-5-t-butylisophthalato)-(μ_2-4,4'-bipyridine)-diaqua-di-cadmium(ii) dihydrate)

Space Group:	P-1	***Cell:***	***a***	9.850(2)	***b***	10.050(3)	***c*** 11.128(5)
Space Group No.:	2	***(Å,°)***	α	98.41(0)	β	102.77(0)	γ 118.57(0)

R-Factor (%):	2.26	***Temperature(K):***	291	***Density(g/cm^3):***	1.645



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3099

CUVPUF

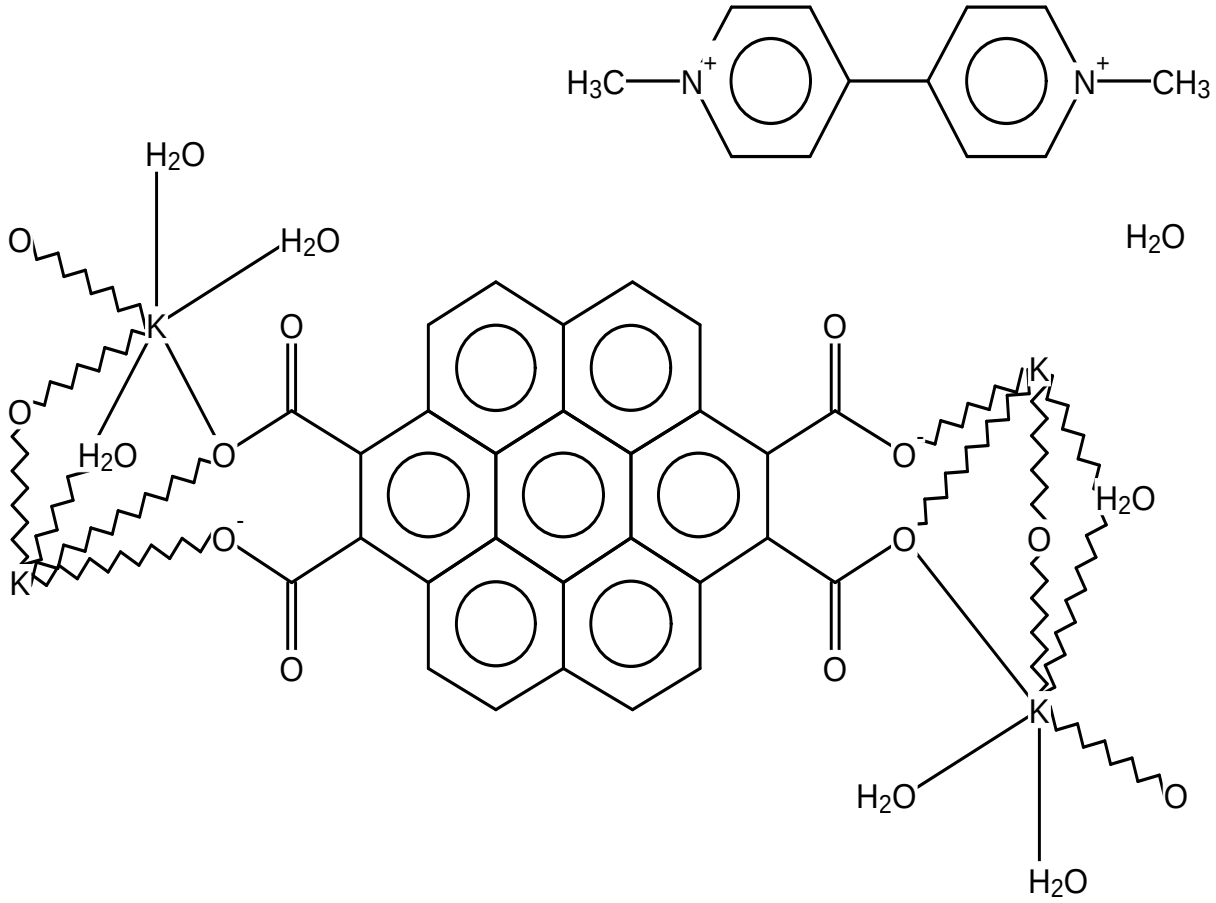
Reference: K.V.Rao, K.Jayaramulu, T.K.Maji, S.J.George (2010) *Angew.Chem.,Int.Ed. ,***49,**4218

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})n,n(C_{28}\ H_{18}\ K_2\ O_{13}\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-(1,1'-Dimethyl-4,4'-bipyridinium (μ_4-coronene-1,2,7,8-tetracarboxylato)-(μ_2-aqua)-tetraaqua-di-potassium dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.722(2)	***b*** 6.768(0)	***c***	30.223(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.88(0)	γ	90.00

R-Factor (%): 6.16 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.573



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3100

CUVRER

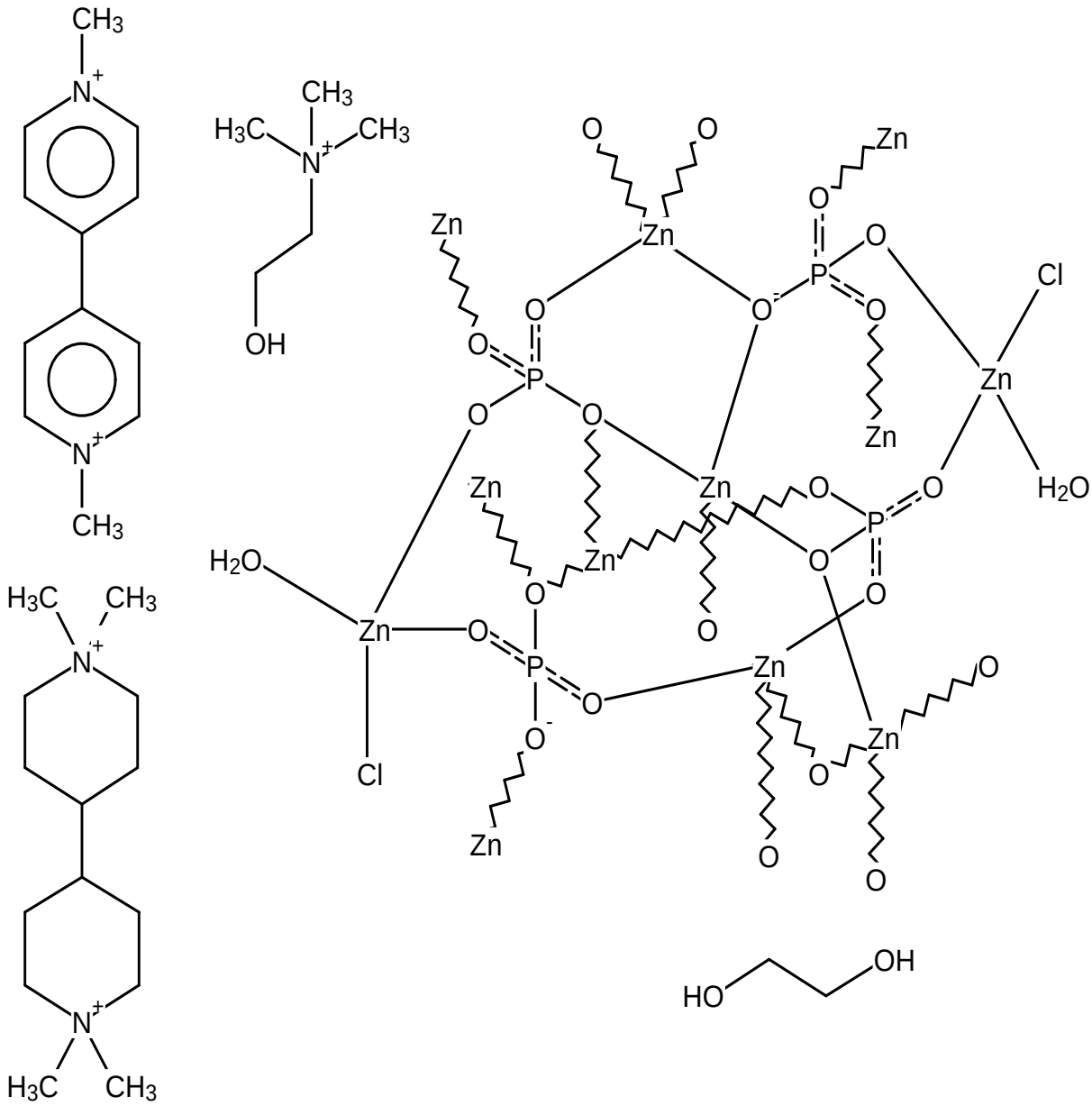
Reference: Pei-Ci Jhang, Niang-Tsu Chuang, Sue-Lein Wang (2010)
*Angew.Chem.,Int.Ed. ,***49,**4200

Formula: $(C_{12}\ H_{14}\ N_2\ ^{2+})0.4n,0.4n(C_{14}\ H_{30}\ N_2\ ^{2+}),0.4n(C_5\ H_{14}\ N_1\ O_1\ ^{1+}),n(H_4\ Cl_2\ O_{18}\ P_4\ Zn_6\ ^{2}$

Compound Name: catena-(1,1'-dimethyl-4,4'-bipyridinium 1,1,1',1'-tetramethyl-4,4'-bipiperidinium 2-hydroxy-N,N,N-trimethylethanaminium tetrakis(μ_5-phosphato)-diaqua-dichloro-hexa-zinc ethane-1,2-diol solvate)

Space Group:	C2/c	***Cell:***	***a***	29.245(0)	***b*** 5.238(0)	***c***	20.259(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 101.08(0)	γ	90.00

R-Factor (%): 2.93 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 2.476



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3101

DUWVAT

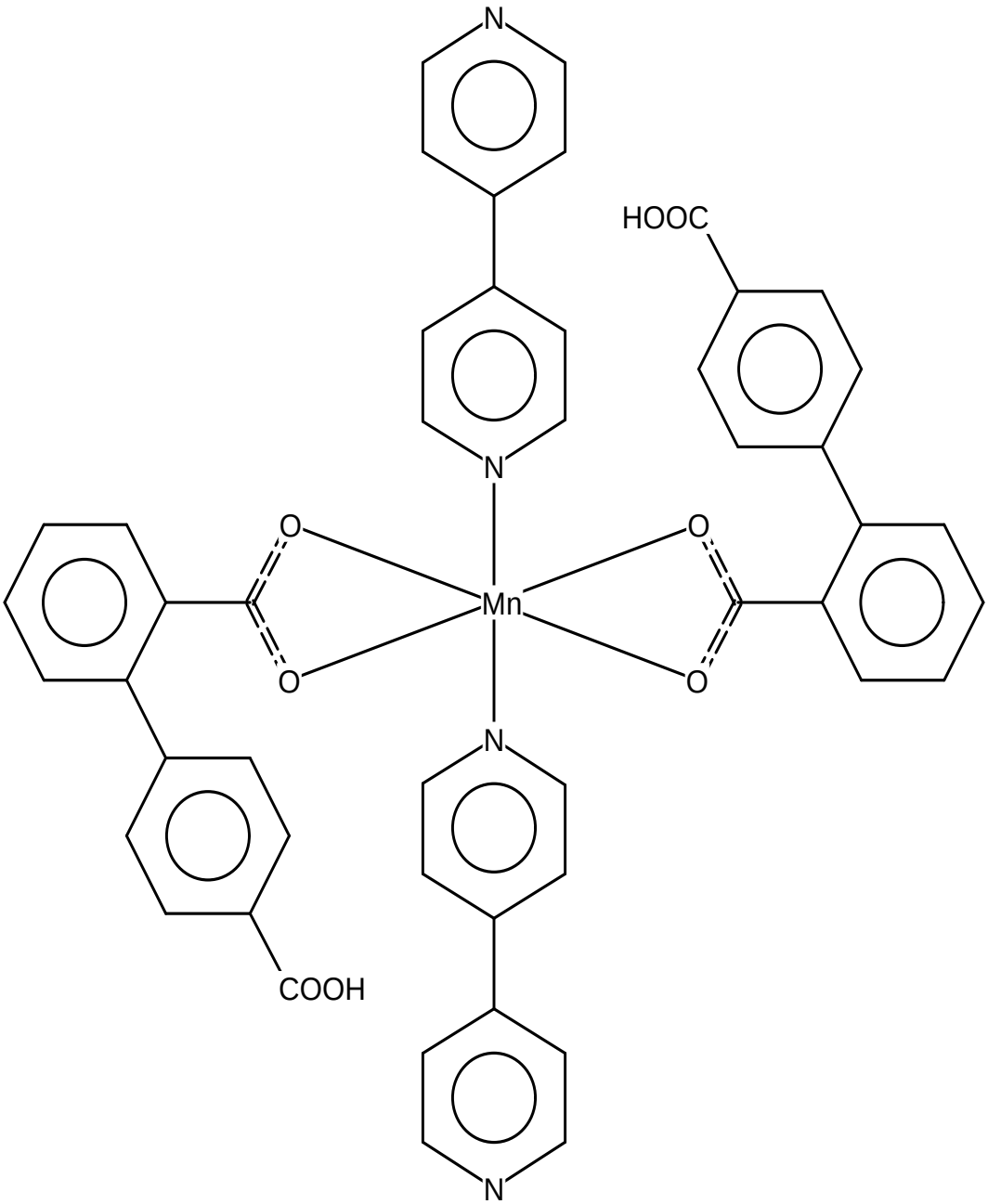
Reference: Feng Guo, Baoyong Zhu, Yulan Song, Xiuling Zhang (2010) *J.Coord.Chem. ,***63,**1304

Formula: $C_{48}\ H_{34}\ Mn_1\ N_4\ O_8$

Compound Name: bis((Biphenyl-2,4'-dicarboxylato)-(4,4'-bipyridine))-manganese(ii)

Space Group:	C2/c	***Cell:***	***a***	19.181(5)	***b*** 7.665(5)	***c***	28.319(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 106.42(0)	γ	90.00

R-Factor (%): 3.98 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.413



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3102

DUZJAK

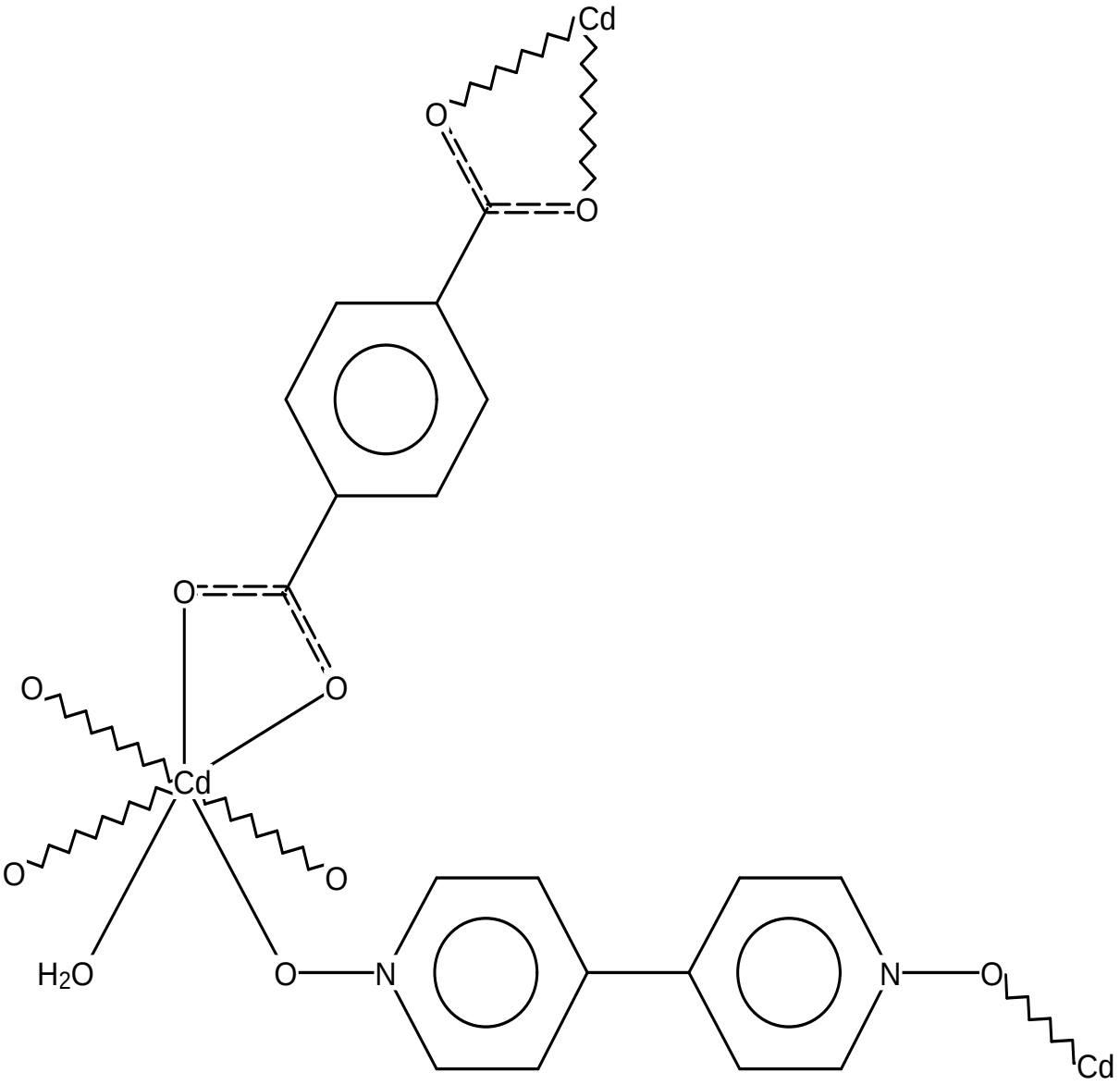
Reference: Guohai Xu, Yongrong Xie (2010)
Acta Crystallogr.,Sect.C:Cryst.Struct.Commun. ,**66,**m201

Formula: $(C_{18}\ H_{14}\ Cd_1\ N_2\ O_7)n$

Compound Name: catena-[(μ_2-benzene-1,4-dicarboxylato)-(μ_2-4,4'-bipyridine N,N'-dioxide)-aqua-cadmium(ii)]

Space Group:	C2/c	***Cell:***	***a***	14.105(1)	***b*** 16.893(1)	***c***	8.897(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 127.45(0)	γ	90.00

R-Factor (%): 2.70 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.905



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3103

FUNBAS

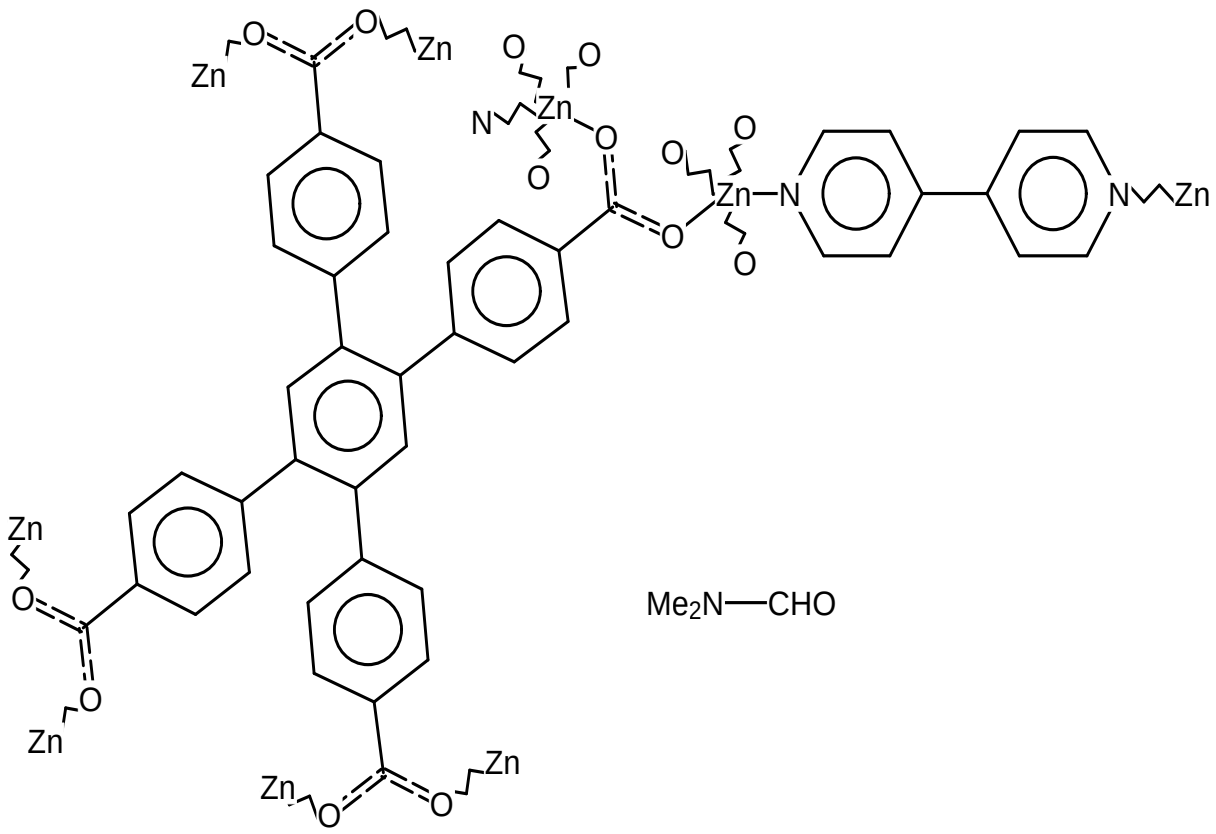
Reference: O.K.Farha, C.D.Malliakas, M.G.Kanatzidis, J.T.Hupp (2010) *J.Am.Chem.Soc.* ,**132,**950

Formula: $(C_{44}\ H_{26}\ N_2\ O_8\ Zn_2)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-($(\mu_8$-4,4',4'',4'''-(benzene-1,2,4,5-tetrayl)tetrabenzoato)-(μ_2-4,4'-bipyridine)-di-zinc(ii) N,N-dimethylformamide solvate)

Space Group:	P21	***Cell:***	***a***	14.008(3)	***b***	11.521(1)	***c*** 15.701(3)
Space Group No.:	4	***(Å,°)***	α	90.00	β	96.68(1)	γ 90.00

R-Factor (%): 12.66 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 1.207



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3104

FUNBEW

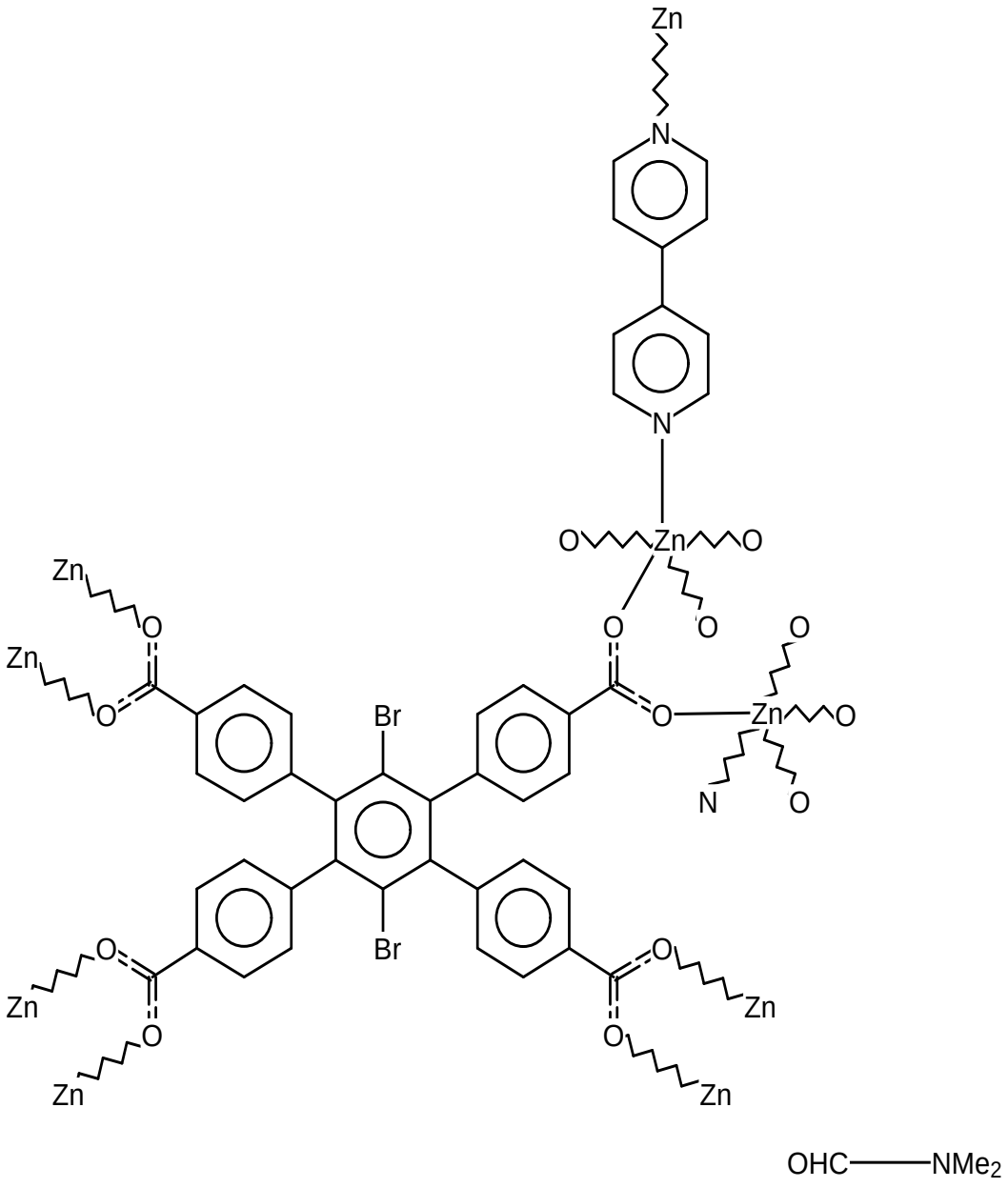
Reference: O.K.Farha, C.D.Malliakas, M.G.Kanatzidis, J.T.Hupp (2010) *J.Am.Chem.Soc.* ,**132,**950

Formula: $(C_{44}\ H_{24}\ Br_2\ N_2\ O_8\ Zn_2)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-($(\mu_8$-4,4',4'',4'''-(3,6-dibromobenzene-1,2,4,5-tetrayl) tetrabenzoato)-(μ_2-4,4'-bipyridine)-di-zinc(ii) N,N-dimethylformamide solvate)

Space Group:	Pmmm	***Cell:***	***a***	11.204(1)	***b***	13.975(3)	***c***	15.848(3)
Space Group No.:	47	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.87 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 0.718



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3105

GUPLEJ

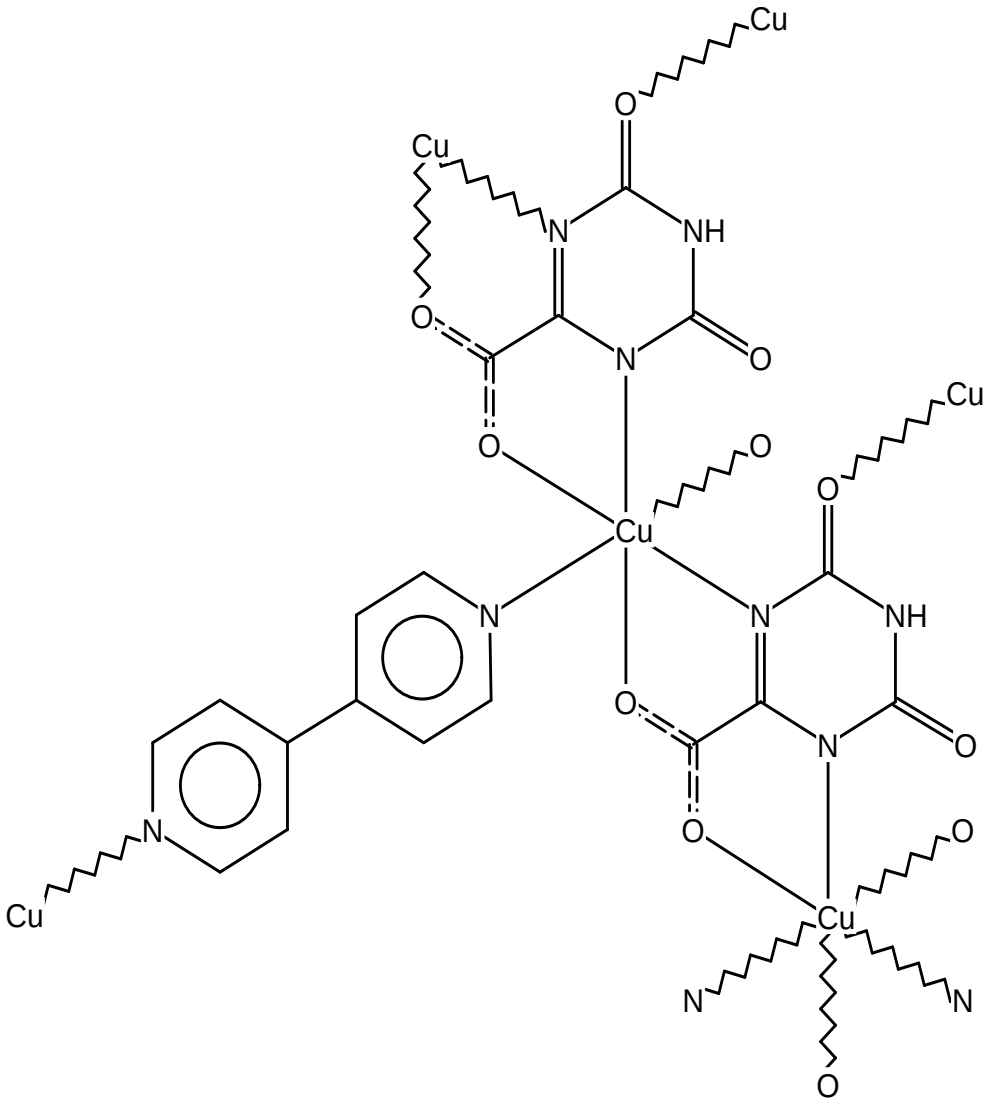
Reference: E.Barea, G.Tagliabue, Wen-Guo Wang, M.J.Perez-Mendoza, L.Mendez-Linan, F.J.Lopez-Garzon, S.Galli, N.Masciocchi, J.A.R.Navarro (2010) *Chem.-Eur.J. ,***16,**931

Formula: $(C_{18}\ H_{10}\ Cu_2\ N_8\ O_8)n,3n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-6-Carboxylato-2,4-dioxo-3,4-dihydro-2H-1,3,5-triazin-1-ide)-(μ_2-4,4'-bipyridine-N,N')-di-copper(ii) trihydrate)

Space Group:	C2/c	***Cell:***	***a***	21.540(1)	***b***	11.466(0)	***c*** 9.368(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β	110.30(0)	γ 90.00

R-Factor (%): 4.50 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.982



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3106

GUPLIN

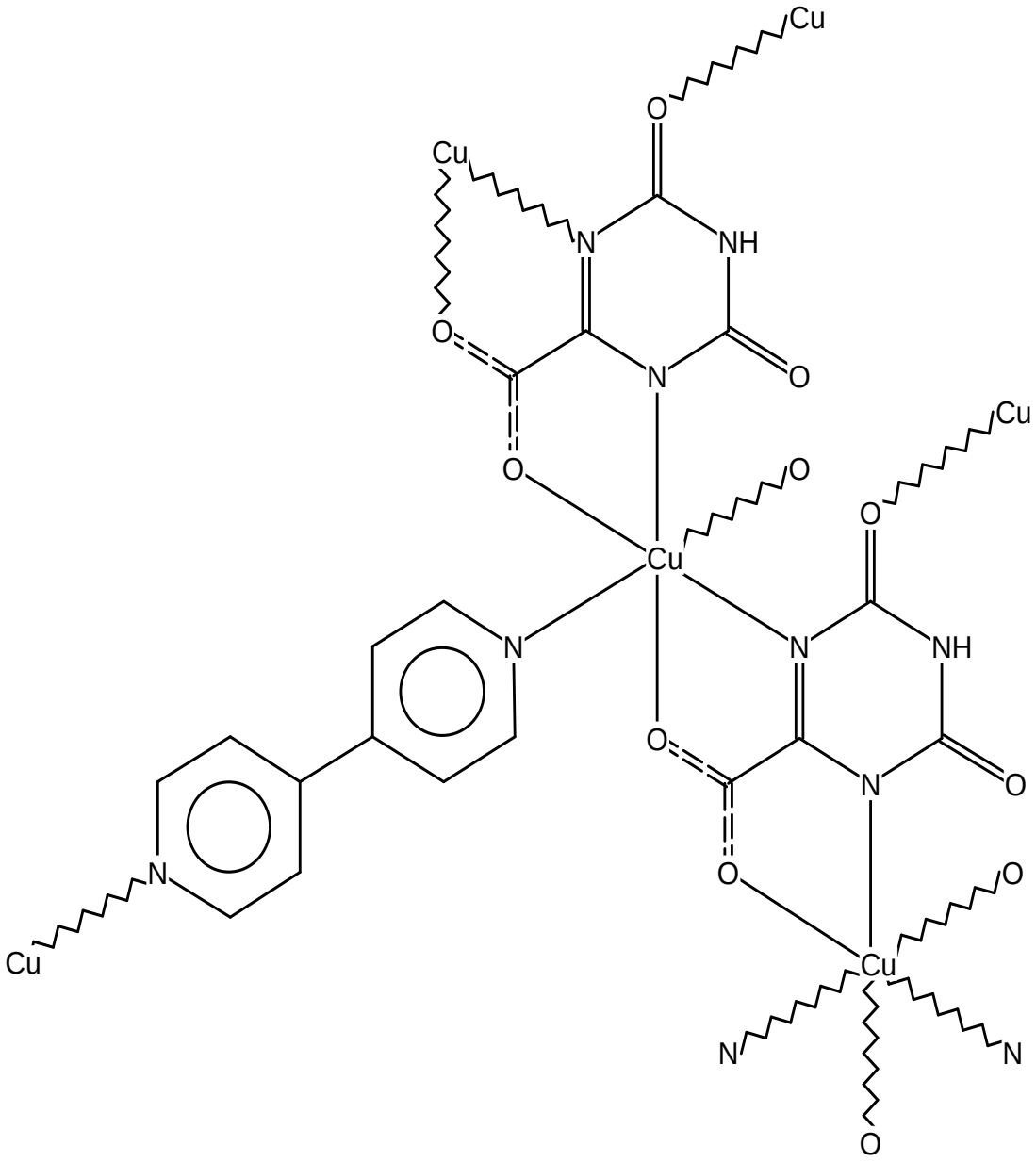
Reference: E.Barea, G.Tagliabue, Wen-Guo Wang, M.J.Perez-Mendoza, L.Mendez-Linan, F.J.Lopez-Garzon, S.Galli, N.Masciocchi, J.A.R.Navarro (2010) *Chem.-Eur.J. ,***16,**931

Formula: $(C_{18}\ H_{10}\ Cu_2\ N_8\ O_8)n$

Compound Name: catena-(bis(μ_3-6-Carboxylato-2,4-dioxo-3,4-dihydro-2H-1,3,5-triazin-1-ide)-bis(μ_2-4,4'-bipyridine-N,N')-di-copper(ii))

Space Group:	C2/c	***Cell:***	***a***	22.886(3)	***b*** 10.177(1)	***c***	10.098(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 114.43(1)	γ	90.00

R-Factor (%): 3.00 ***Temperature(K):*** 393 ***Density(g/cm^3):*** 1.841



Search: search1 (Thu May 26 10:05:42 2011): Hit 3107

GUQMAH

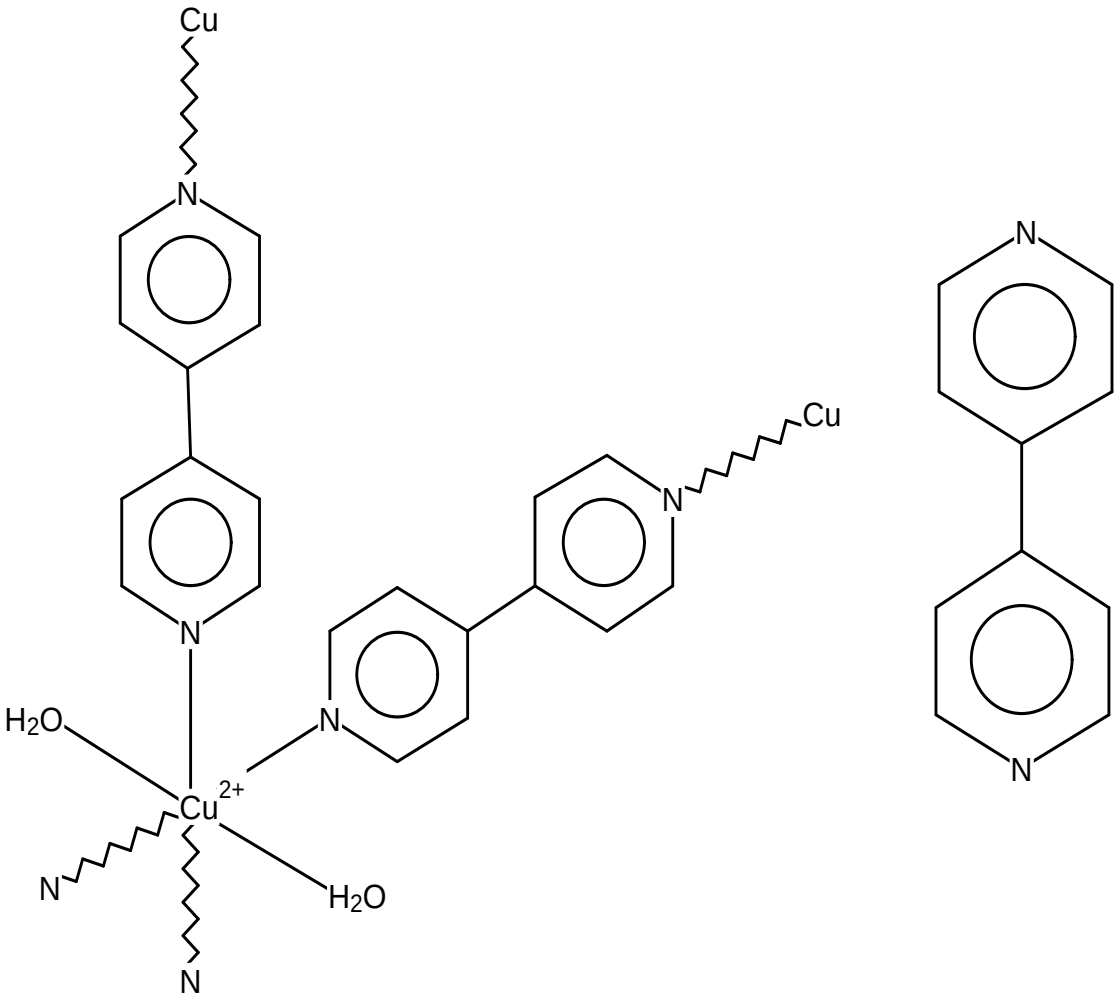
Reference: K.Komori-Orisaku, K.Hoshino, S.Yamashita, Y.Koide (2010) *Bull.Chem.Soc.Jpn.* ,**83,**276

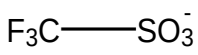
Formula: $(C_{20}\ H_{20}\ Cu_1\ N_4\ O_2\ ^{2+})n,n(C_{10}\ H_8\ N_2),2n(C_1\ F_3\ O_3\ S_1\ ^{1-}),6n(H_2\ O_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-diaqua-copper(ii) 4,4'-bipyridine clathrate bis(trifluoromethanesulfonate) hexahydrate]

Space Group:	Pca21	***Cell:***	***a*** 22.212(4)	***b*** 11.135(1)	***c*** 16.837(3)
Space Group No.:	29	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 3.32 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.554





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3108

GUQMEL

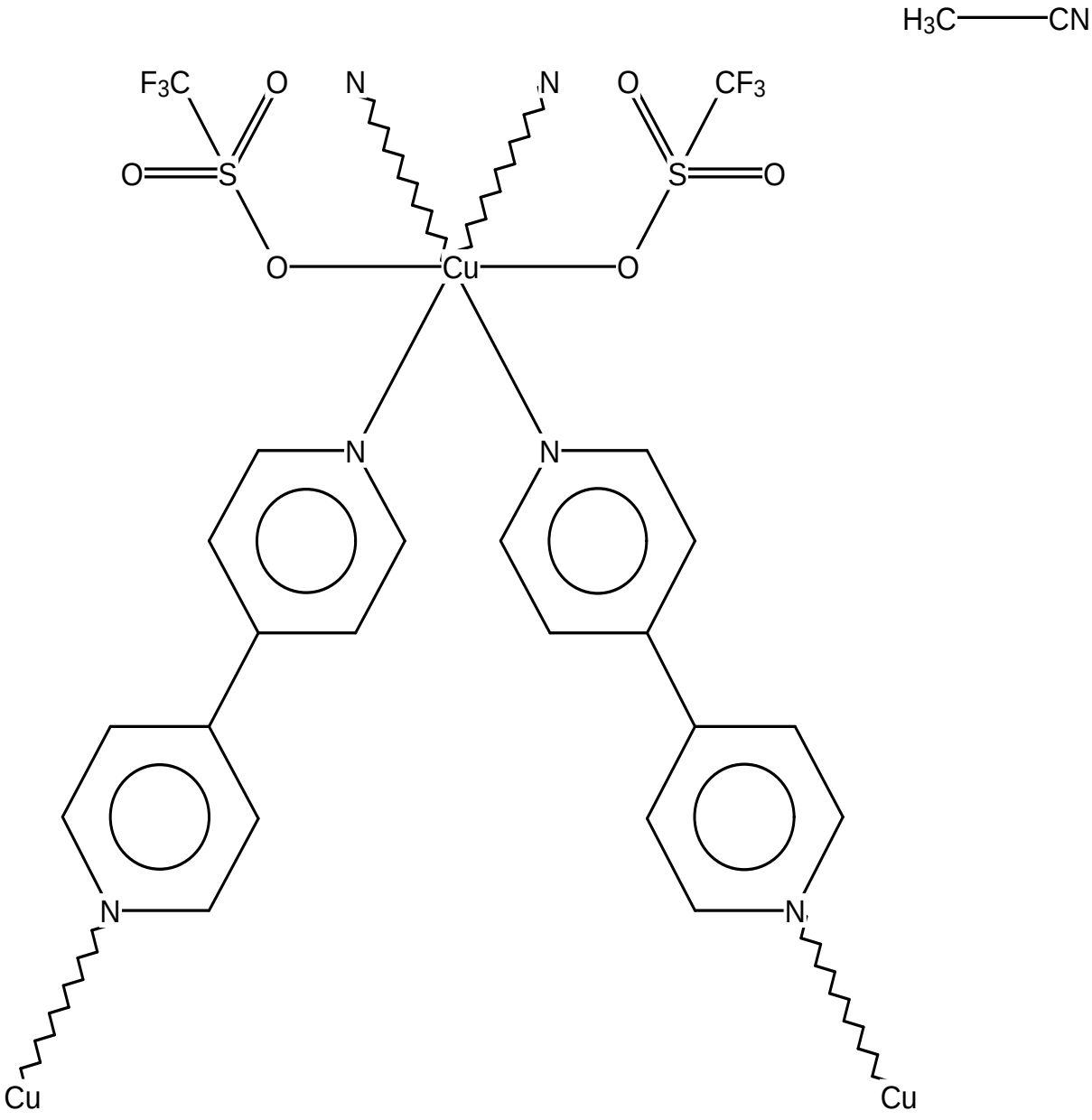
Reference: K.Komori-Orisaku, K.Hoshino, S.Yamashita, Y.Koide (2010) *Bull.Chem.Soc.Jpn.* ,**83,**276

Formula: $(C_{22}\ H_{16}\ Cu_1\ F_6\ N_4\ O_6\ S_2)n,2n(C_2\ H_3\ N_1)$

Compound Name: catena-[bis(μ_2-4,4'-Bipyridyl)-bis(trifluoromethanesulfonato)-copper(ii) acetonitrile solvate]

Space Group:	C2/c	***Cell:***	***a***	27.462(2)	***b*** 15.042(0)	***c***	16.425(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.46(0)	γ	90.00

R-Factor (%): 7.31 ***Temperature(K):*** 113 ***Density(g/cm^3):*** 1.552



Search: search1 (Thu May 26 10:05:42 2011): Hit 3109

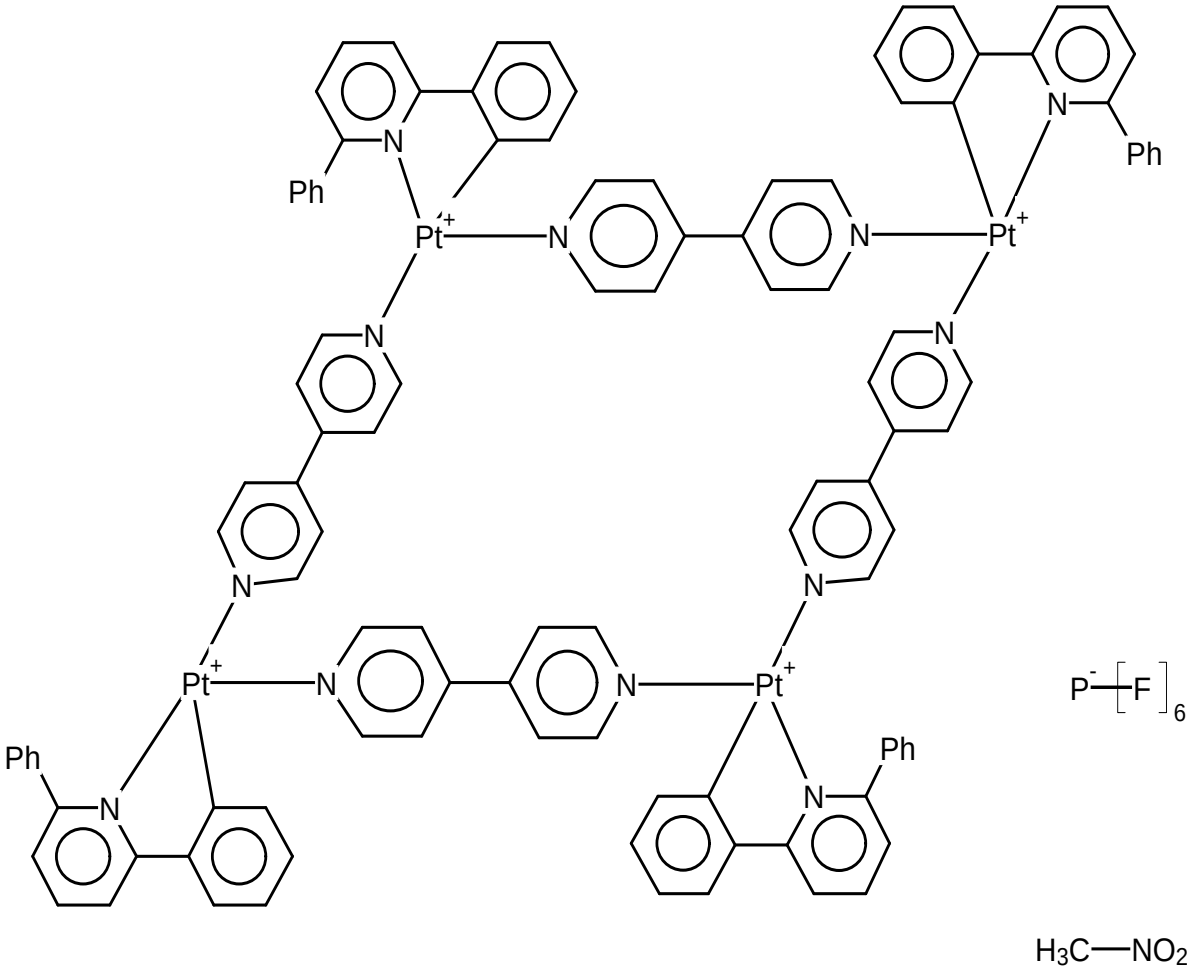
HUJNIK

Reference: P.J.Lusby, P.Muller, S.J.Pike, A.M.Z.Slawin (2009) *J.Am.Chem.Soc. ,***131,**16398

Formula: $C_{108}\ H_{80}\ N_{12}\ Pt_4\ ^{4+}, 4(F_6\ P_1\ ^{1-}), 5(C_1\ H_3\ N_1\ O_2)$

Compound Name: tetrakis((μ$_2$-4,4'-Bipyridine)-(2-(6-phenylpyridin-2-yl)phenyl))-tetra-platinum tetrakis(hexafluorophosphate) nitromethane solvate

Space Group:	P-1	***Cell:***	***a***	13.514(1)	***b***	13.856(1)	***c*** 21.010(2)
Space Group No.:	2	***(Å,°)***	α	97.38(0)	β	100.26(0)	γ 116.08(0)
R-Factor (%):	6.73	***Temperature(K):***	93	***Density(g/cm^3):***	1.577		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3110

HUNQOX

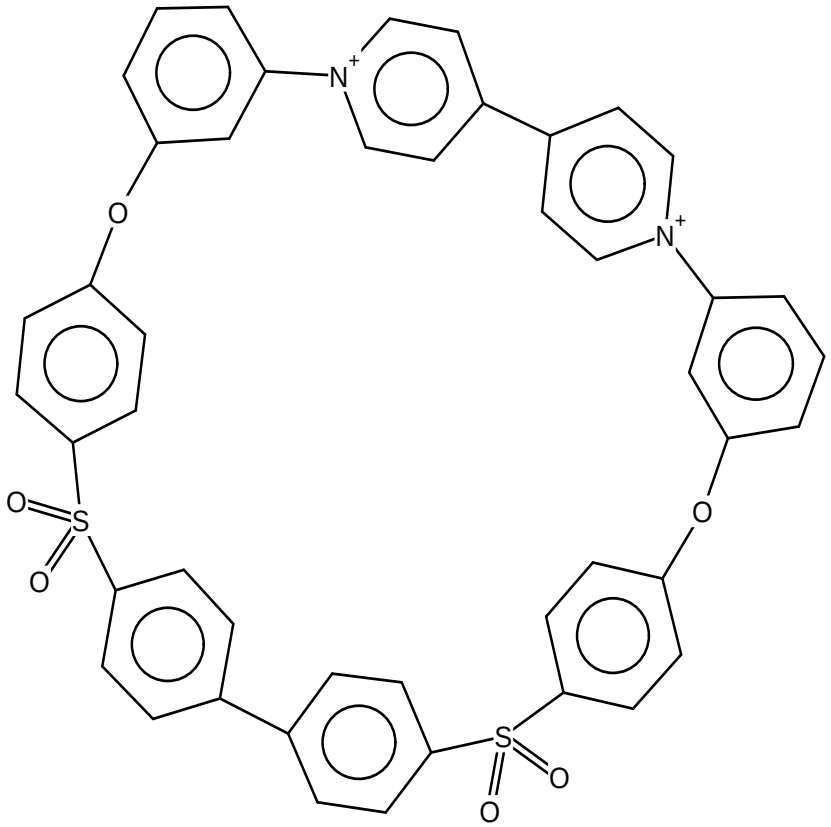
Reference: H.M.Colquhoun, B.W.Greenland, Zhixue Zhu, J.S.Shaw, C.J.Cardin, S.Burattini, J.M.Elliott, S.Basu, T.B.Gasa, J.F.Stoddart (2009) *Org.Lett. ,***11,**5238

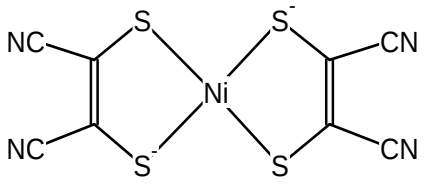
Formula: $C_{46}\ H_{32}\ N_2\ O_6\ S_2\ ^{2+}$,$C_8\ N_4\ Ni_1\ S_4\ ^{2-}$,$C_4\ H_9\ N_1\ O_1$,$C_3\ H_6\ O_1$

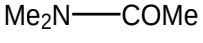
Compound Name: 11,30-Dioxa-16,25-dithia-5,36-diazonianonacyclo [34.2.2.2^{2,5}.2^{12,15}.2^{17,20}.2^{21,24}.2^{26,29}.1^{6,10}.1^{31,35}] dopentaconta-1(38),2,4,6(50),7,9,12,14,17,19,21,23,26,28,31(41),32,34,36,39,42,44,46,48,51-tetracosaene 16,16,25,25-tetraoxide bis(2,3-di(sulfanyl)but-2-enedinitrilato)nickelate clathrate acetone N,N-dimethylacetamide solvate

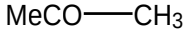
Space Group:	P-1	***Cell:***	***a*** 12.923(0)	***b*** 15.486(0)	***c*** 17.338(0)
Space Group No.:	2	***(Å,°)***	α 109.72(0)	β 96.99(0)	γ 94.17(0)

R-Factor (%): 5.72 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.298









This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3111

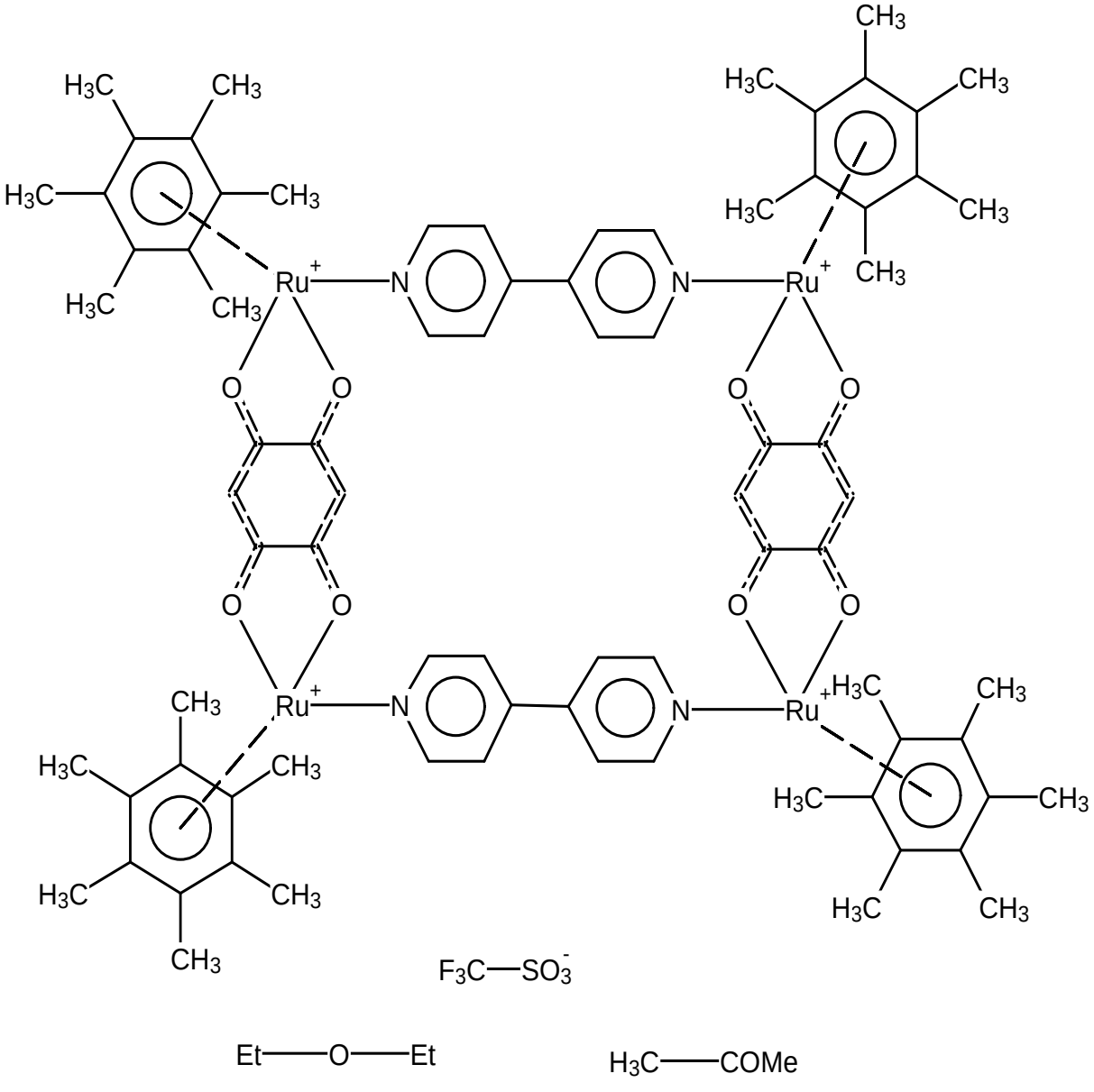
IHIGOW01

Reference: J.Mattsson, P.Govindaswamy, A.K.Renfrew, P.J.Dyson, P.Stepnicka, G.Suss-Fink, B.Therrien (2009) *Organometallics ,***28,**4350

Formula: $C_{80}\ H_{92}\ N_4\ O_8\ Ru_4\ ^{4+}$,4($C_1\ F_3\ O_3\ S_1\ ^{1-}$),2($C_4\ H_{10}\ O_1$),2($C_3\ H_6\ O_1$)

Compound Name: bis(μ_2-4,4'-bipyridine)-bis(μ_2-2,5-dioxy-1,4-benzoquinonato)-tetrakis(η^6-hexamethylbenzene)-tetra-ruthenium tetrakis(trifluoromethanesulfonate) acetone diethyl ether solvate

Space Group:	P2/m	***Cell:***	***a***	15.213(1)	***b*** 9.953(0)	***c***	20.651(1)
Space Group No.:	10	***(Å,°)***	α	90.00	β 109.01(0)	γ	90.00
R-Factor (%):	4.50	***Temperature(K):***	193		***Density(g/cm^3):***		1.406



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3112

KUMXUM

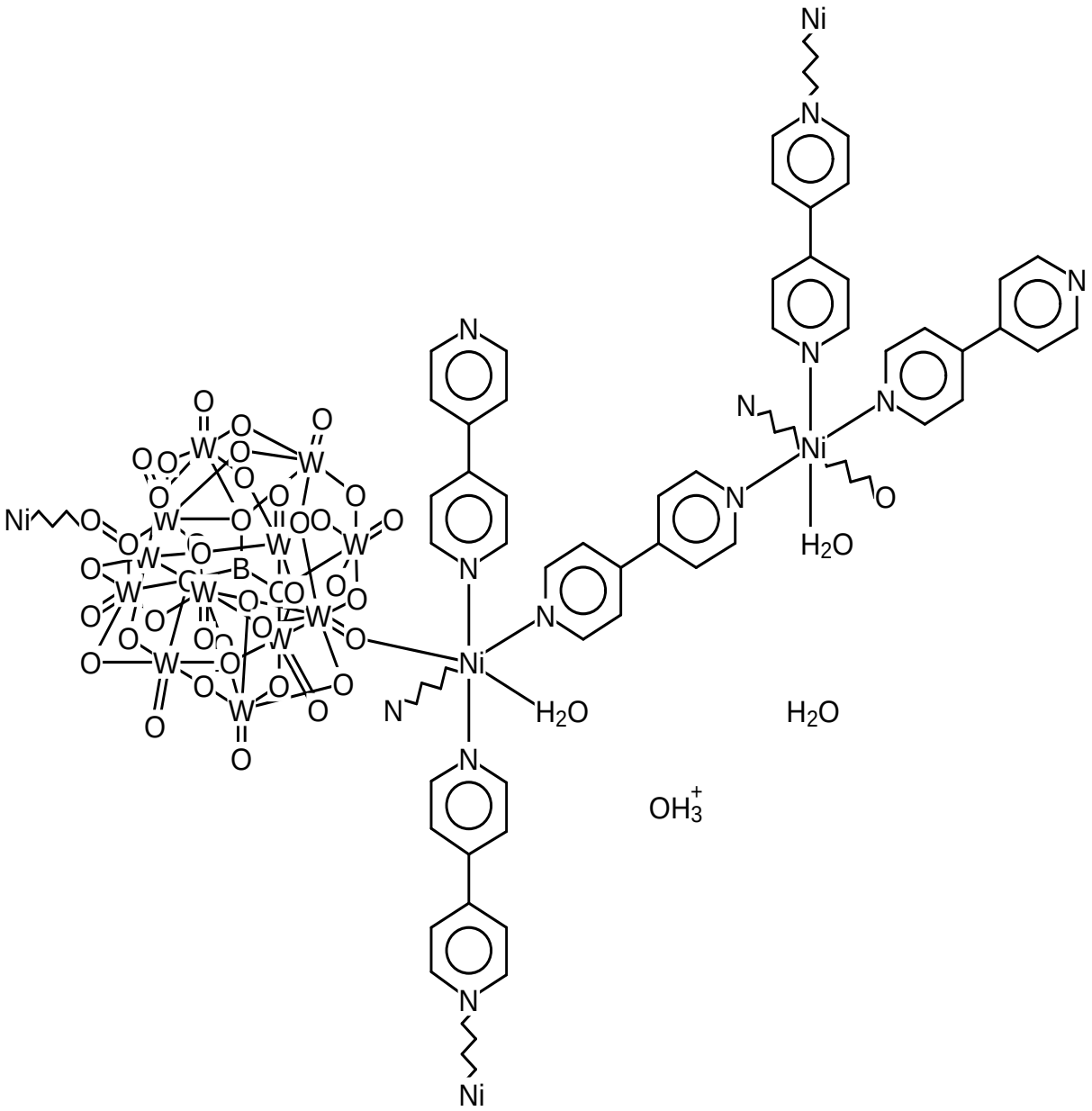
Reference: Yan Wang, Ling Ye, Tie-Gang Wang, Xiao-Bing Cui, Shu-Yun Shi, Guo-Wu Wang, Ji-Qing Xu (2010) *Dalton Trans.* ,**39,**1916

Formula: $(H_3 O_1{}^{1+})n,n(C_{50} H_{44} B_1 N_{10} Ni_2 O_{42} W_{12}{}^{1-}),4n(H_2 O_1)$

Compound Name: catena-(Oxonium (μ_{12}-borato)-hexacosakis(μ_2-oxo)-tris(μ_2-4,4'-bipyridine)-diaqua-decaoxo-bis(4,4'-bipyridine)-di-nickel-dodeca-tungsten(vi) tetrahydrate)

Space Group:	P21	***Cell:***	***a***	13.292(3)	***b*** 15.146(3)	***c***	19.946(4)
Space Group No.:	4	***(Å,°)***	α	90.00	β 102.23(3)	γ	90.00

R-Factor (%):	6.49	***Temperature(K):***	293	***Density(g/cm^3):***	3.286



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3113

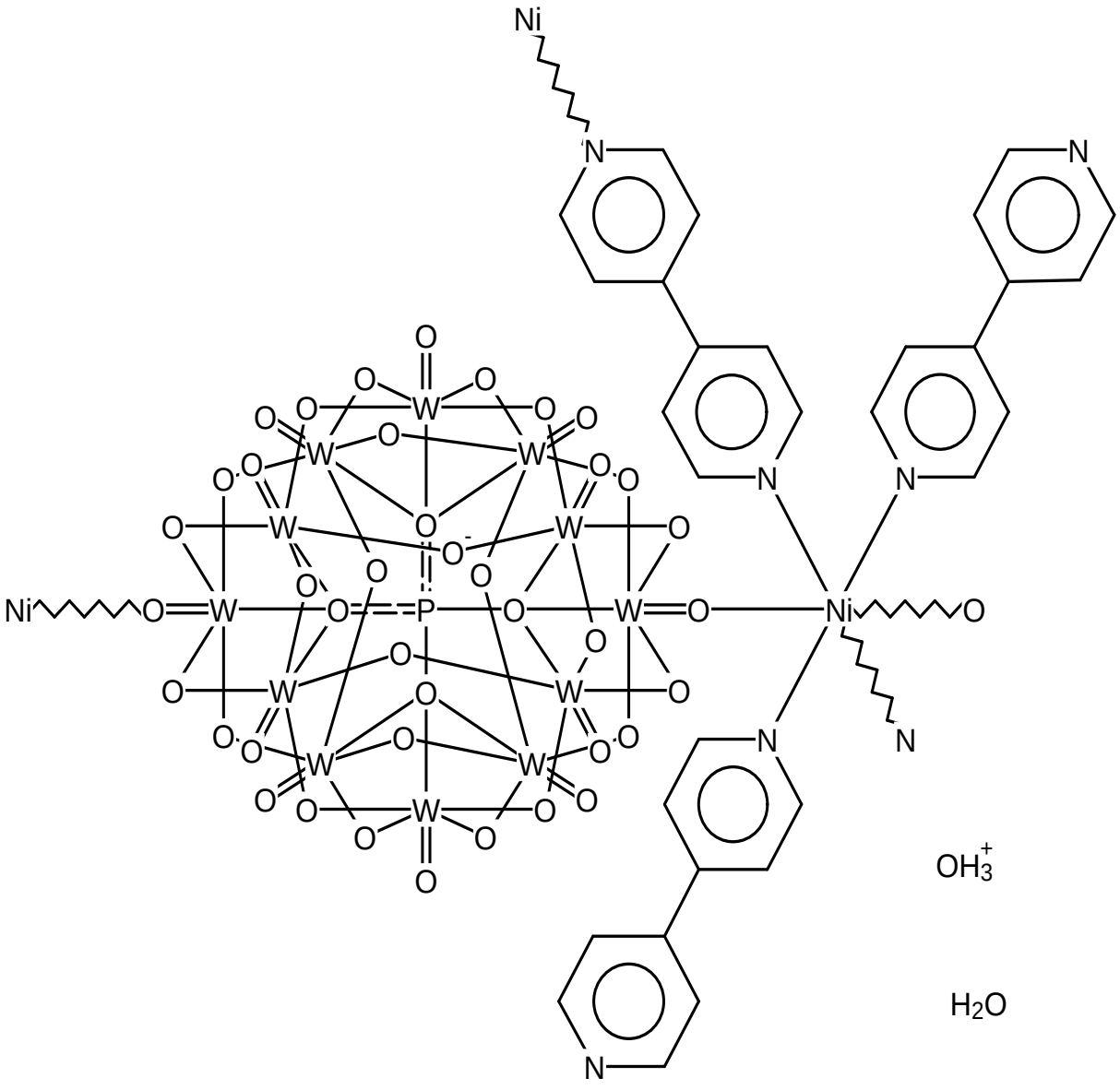
KUMYAT

Reference: Yan Wang, Ling Ye, Tie-Gang Wang, Xiao-Bing Cui, Shu-Yun Shi, Guo-Wu Wang, Ji-Qing Xu (2010) *Dalton Trans.* ,**39,**1916

Formula: $(H_3 O_1{}^{1+})n,n(C_{30} H_{24} N_6 Ni_1 O_{40} P_1 W_{12}{}^{1-}),5n(H_2 O_1)$

Compound Name: catena-(Oxonium (μ_{12}-phosphato)-hexacosakis(μ_2-oxo)-(μ_2-4,4'-bipyridine)-decaoxo-bis(4,4'-bipyridine)-nickel-dodeca-tungsten(vi) pentahydrate)

Space Group:	C2/c	***Cell:***	***a***	24.241(5)	***b*** 11.250(2)	***c***	28.261(6)
Space Group No.:	15	***(Å,°)***	α	90.00	β 115.06(3)	γ	90.00
R-Factor (%):	6.64	***Temperature(K):***	293		***Density(g/cm^3):***		3.343



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3114

KUNHOR

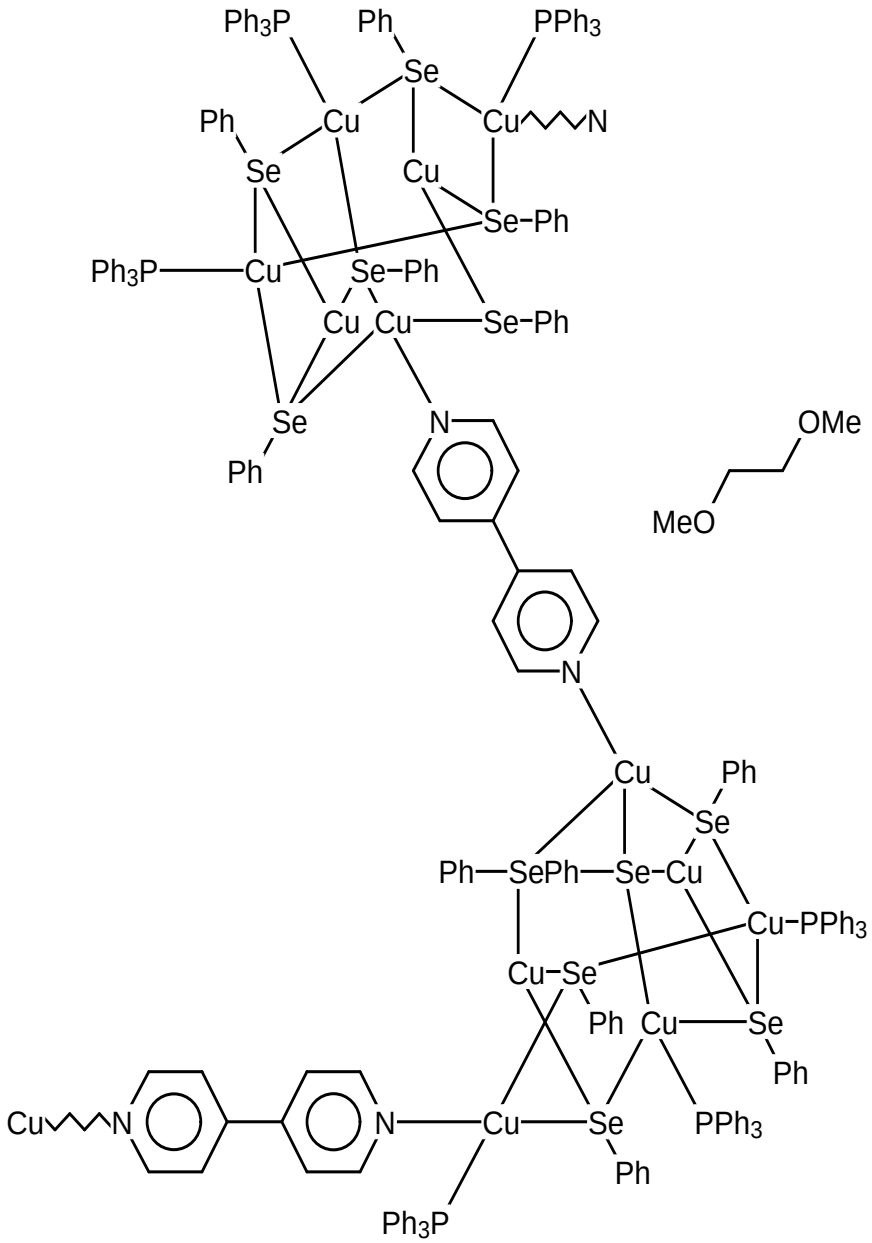
Reference: Ming-Lai Fu, D.Fenske, B.Weinert, O.Fuhr (2010)
Eur.J.Inorg.Chem. ,1098

Formula: $(C_{200}\ H_{166}\ Cu_{12}\ N_4\ P_6\ Se_{12})n,6n(C_4\ H_{10}\ O_2)$

Compound Name: catena-(decakis(μ_3-benzeneselenolato)-bis(μ_2-benzeneselenolato)-bis(μ_2-4,4'-bipyridine)-hexakis(triphenylphosphine)-dodeca-copper(i) 1,2-dimethoxyethane solvate)

Space Group:	P-1	***Cell:***	***a***	14.717(3)	***b***	20.403(4)	***c*** 20.714(4)
Space Group No.:	2	***(Å,°)***	α	82.17(3)	β	74.31(3)	γ 86.66(3)

R-Factor (%): 5.79 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.417



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3115

KUNHUX

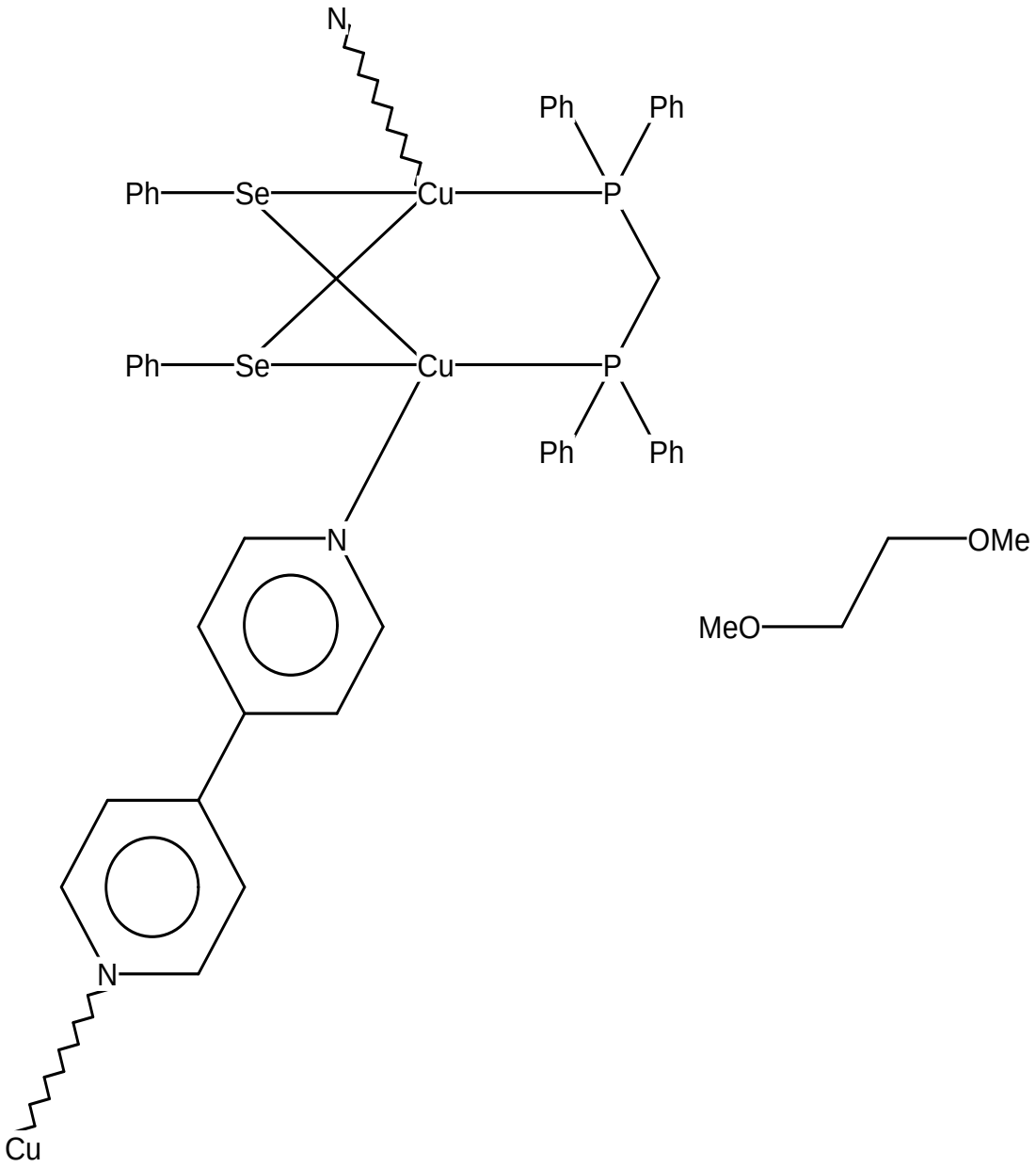
Reference: Ming-Lai Fu, D.Fenske, B.Weinert, O.Fuhr (2010)
Eur.J.Inorg.Chem. ,1098

Formula: $(C_{47}\ H_{40}\ Cu_2\ N_2\ P_2\ Se_2)n,n(C_4\ H_{10}\ O_2)$

Compound Name: catena-(bis(μ_2-benzeneselenolato)-(μ_2-4,4'-bipyridine)-(μ_2-bis(diphenylphosphino)methane)-di-copper(i) 1,2-dimethoxyethane solvate)

Space Group:	P21/c	***Cell:***	***a***	25.859(5)	***b***	13.520(3)	***c***	26.671(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	96.82(3)	γ	90.00

R-Factor (%): 8.05 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.535



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3116

KUNJAF

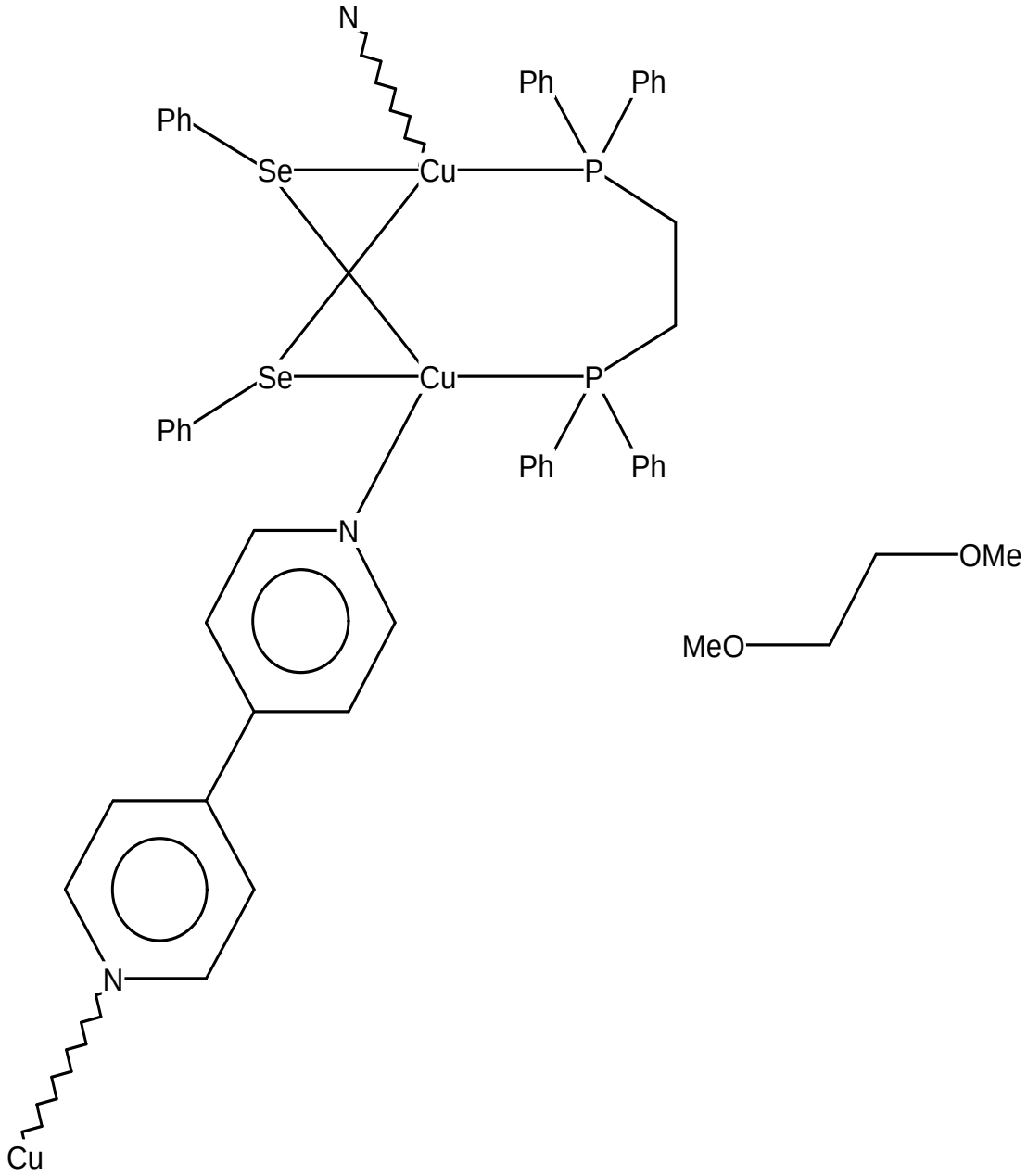
Reference: Ming-Lai Fu, D.Fenske, B.Weinert, O.Fuhr (2010)
Eur.J.Inorg.Chem. ,1098

Formula: $(C_{48}\ H_{42}\ Cu_2\ N_2\ P_2\ Se_2)n,2n(C_4\ H_{10}\ O_2)$

Compound Name: catena-(bis(μ_2-benzeneselenolato)-(μ_2-4,4'-bipyridine)-(μ_2-1,2-bis(diphenylphosphino)ethane)-di-copper(i) 1,2-dimethoxyethane solvate)

Space Group:	C2/c	***Cell:***	***a***	25.775(5)	***b*** 10.576(2)	***c***	22.990(5)
Space Group No.:	15	***(Å,°)***	α	90.00	β 121.24(3)	γ	90.00

R-Factor (%): 6.32 ***Temperature(K):*** 180 ***Density(g/cm^3):*** 1.455



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3117

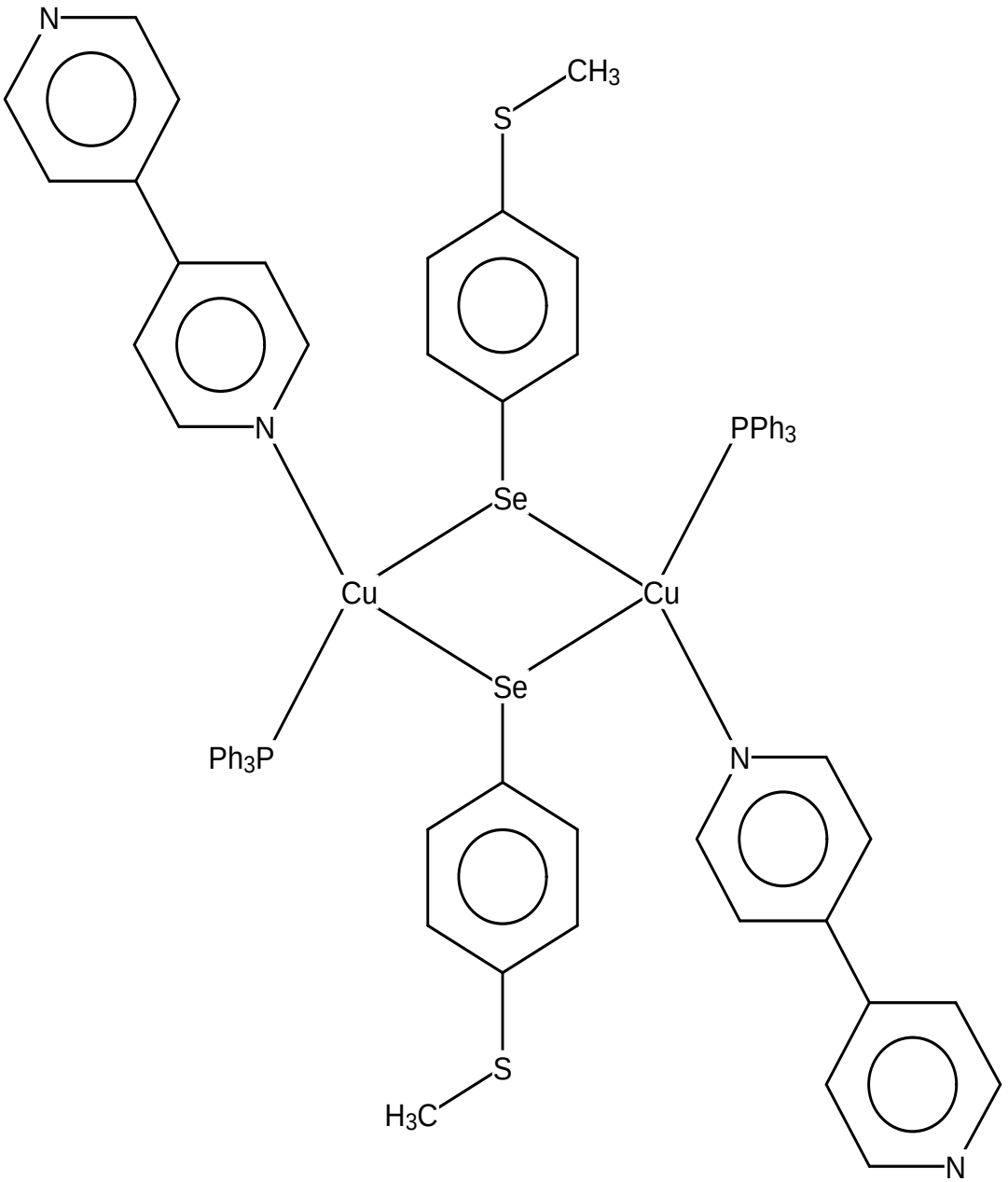
KUNJEJ

Reference: Ming-Lai Fu, D.Fenske, B.Weinert, O.Fuhr (2010)
Eur.J.Inorg.Chem. ,1098

Formula: $C_{70}\ H_{60}\ Cu_2\ N_4\ P_2\ S_2\ Se_2$

Compound Name: bis(μ_2-4-(methylsulfanyl)benzeneselenolato)-bis(4,4'-bipyridine)-bis(triphenylphosphine)-di-copper(i)

Space Group:	P-1	***Cell:***	***a***	9.356(3)	***b*** 13.098(4)	***c***	13.659(5)
Space Group No.:	2	***(Å,°)***	α	110.52(3)	β 106.89(3)	γ	90.17(3)
R-Factor (%):	3.61	***Temperature(K):***	180		***Density(g/cm^3):***		1.525



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3118

KUNTOD

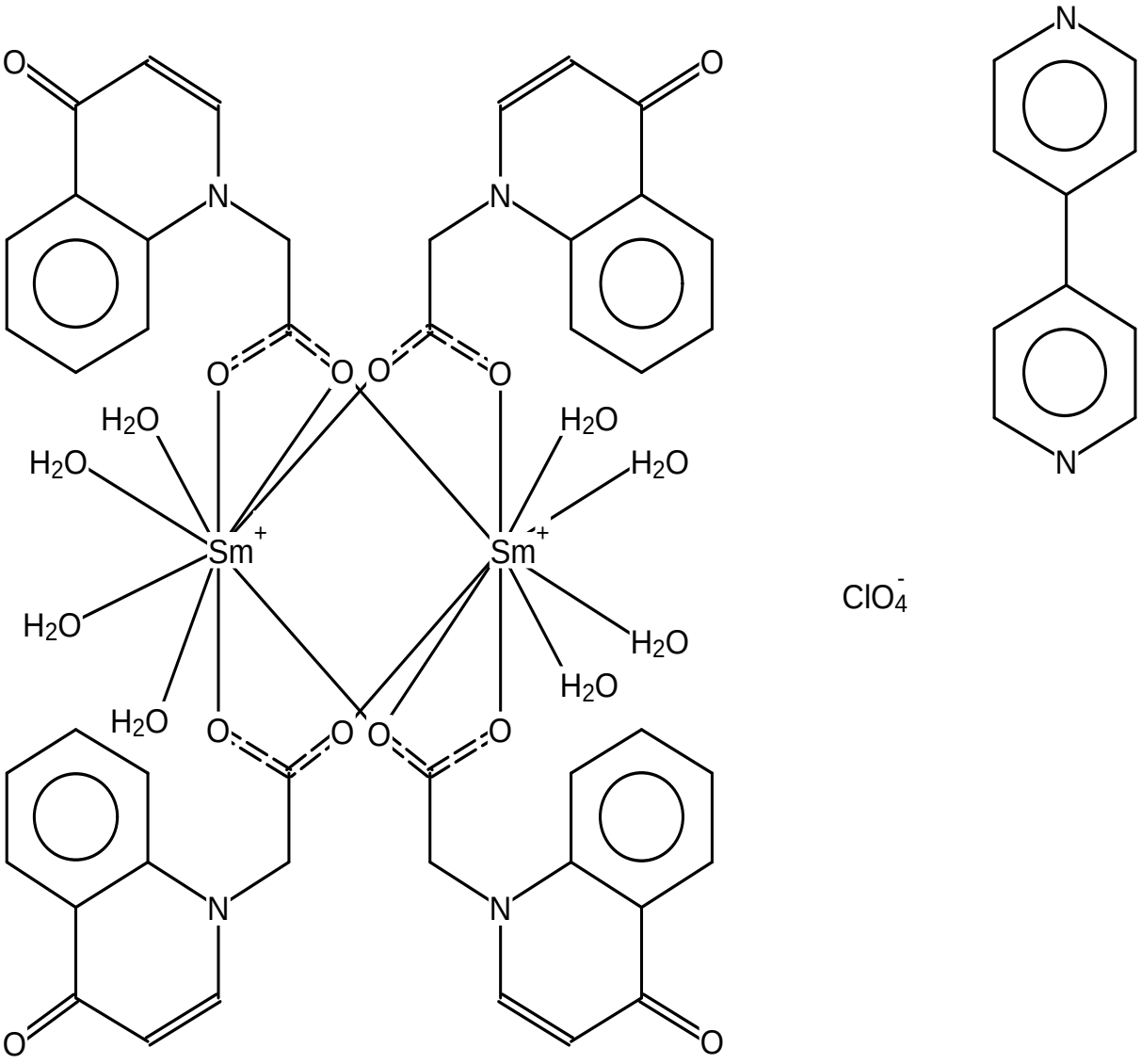
Reference: Jun Wang, Jun Fan, LiangYu Guo, Xia Yin, ZhiHong Wang, WeiGuang Zhang (2010) *J.Solid State Chem. ,***183,**575

Formula: $C_{44}\ H_{48}\ N_4\ O_{20}\ Sm_2\ ^{2+}$,2($Cl_1\ O_4\ ^{1-}$),2($C_{10}\ H_8\ N_2$)

Compound Name: bis(μ_2-4-Oxo-1(4H)-quinolinylacetato-O,O,O')-bis(μ_2-4-oxo-1(4H)-quinolinylacetato-O,O')-octaaqua-di-samarium(iii) diperchlorate bis(4,4'-bipyridine) clathrate

Space Group:	P-1	***Cell:***	***a***	10.950(0)	***b***	12.833(1)	***c***	13.821(1)
Space Group No.:	2	***(Å,°)***	α	81.05(0)	β	67.67(0)	γ	87.54(0)

R-Factor (%): 3.17 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.652



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3119

KUWBOU

Reference: K.Pradeesh, M.Agarwal, K.K.Rao, G.V.Prakash (2010) *Solid State Sciences* ,**12,**95

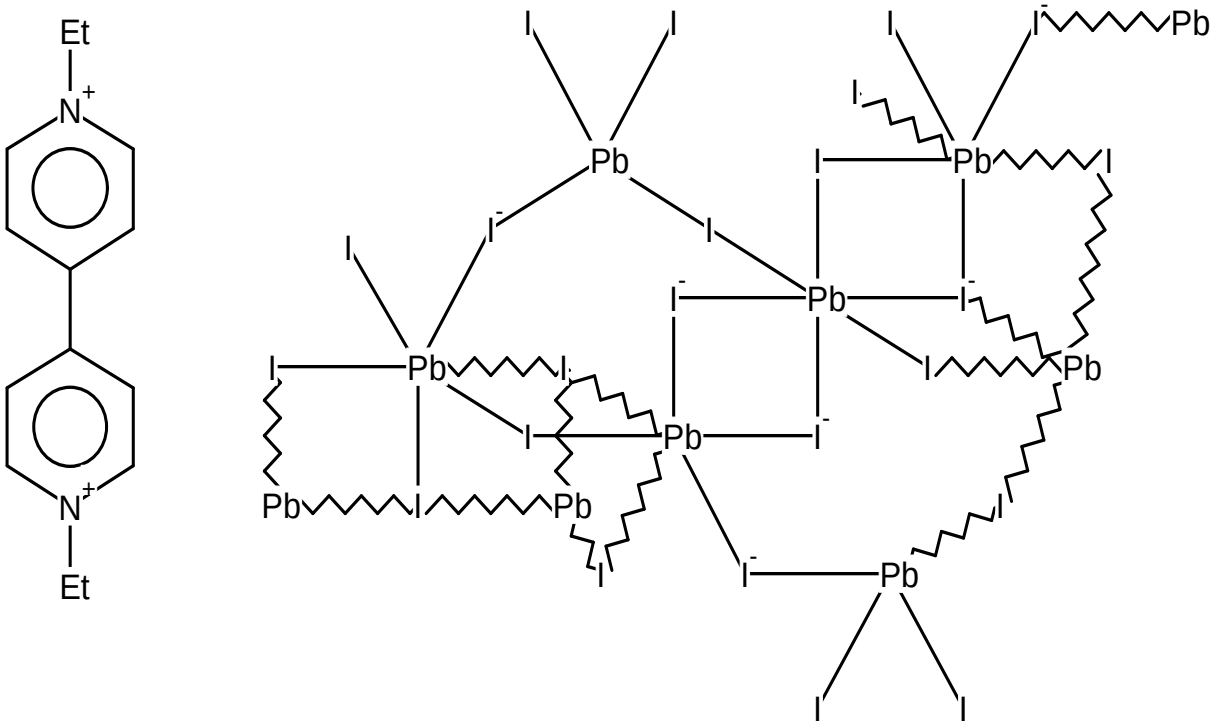
Formula: $(C_{14}\ H_{18}\ N_2\ ^{2+})3n,n(I_{18}\ Pb_6\ ^{6-})$

Compound Name: catena-(tris(1,1'-diethyl-4,4'-bipyridinium) bis(μ_3-iodo)-decakis(μ_2-iodo)-hexaiodo-hexa-lead(ii))

Synonym: catena-(tris(ethyl viologen) bis(μ_3-iodo)-decakis(μ_2-iodo)-hexaiodo-hexa-lead(ii))

Space Group:	P21/c	***Cell:***	***a***	12.089(5)	***b***	14.044(5)	***c*** 24.827(9)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 8.26 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 3.286



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3120

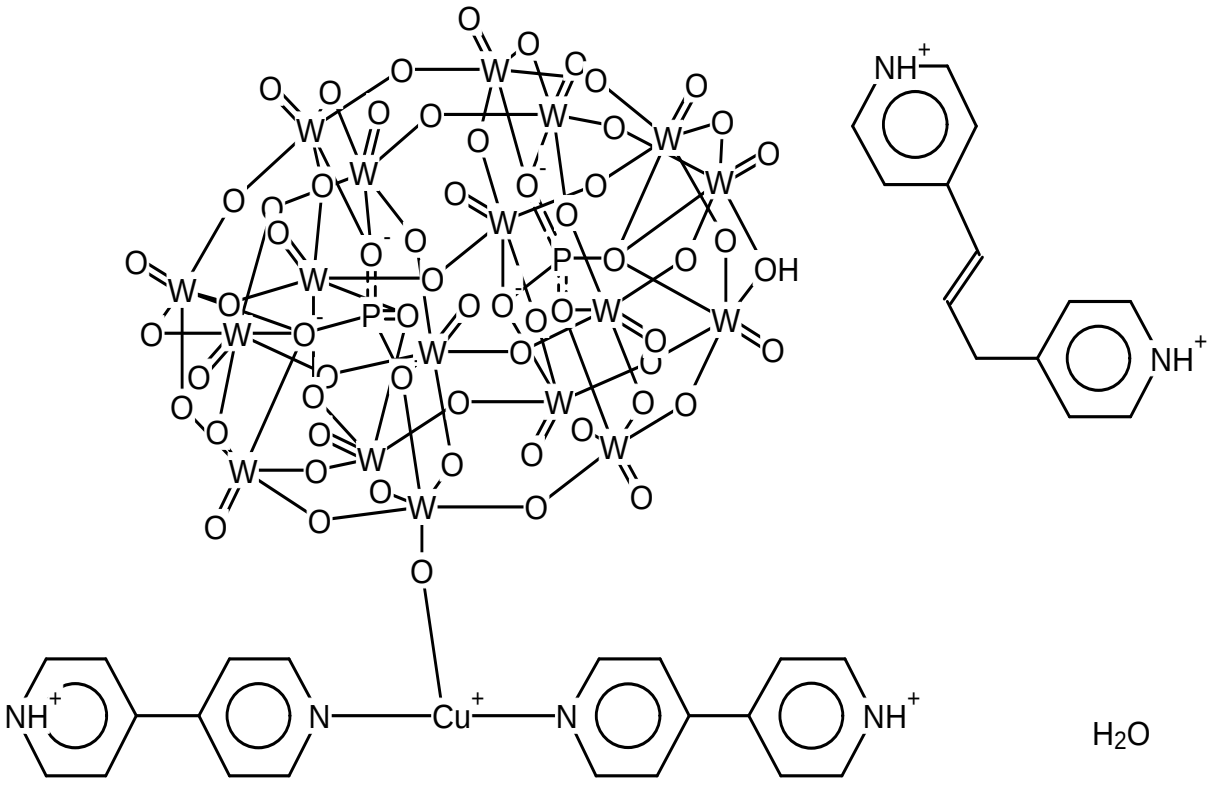
KUXMIA

Reference: Jia Li, Da-Peng Wang, Ya-Guang Chen, Chun-Jing Zhang (2009) *Z.Anorg.Allg.Chem.* ,**635,**2385

Formula: $C_{20}\ H_{19}\ Cu_1\ N_4\ O_{62}\ P_2\ W_{18}\ ^{2-}$,$C_{13}\ H_{14}\ N_2\ ^{2+}$,4($H_2\ O_1$)

Compound Name: bis(μ_9-phosphato)-(μ_2-hydroxo)-hexatriacontakis(μ_2-oxo)-bis(4-(pyridin-4-yl)pyridinium)-heptadecaoxo-copper-octadeca-tungsten 4,4'-prop-1-ene-1,3-diyldipyridinium tetrahydrate

Space Group:	P21/c	***Cell:***	***a***	13.837(5)	***b***	14.459(5)	***c***	40.841(5)
Space Group No.:	14	***(Å,°)***	α	90.00	β	94.59(0)	γ	90.00
R-Factor (%):	4.07	***Temperature(K):***	293		***Density(g/cm^3):***		4.088	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3121

LIZFIK01

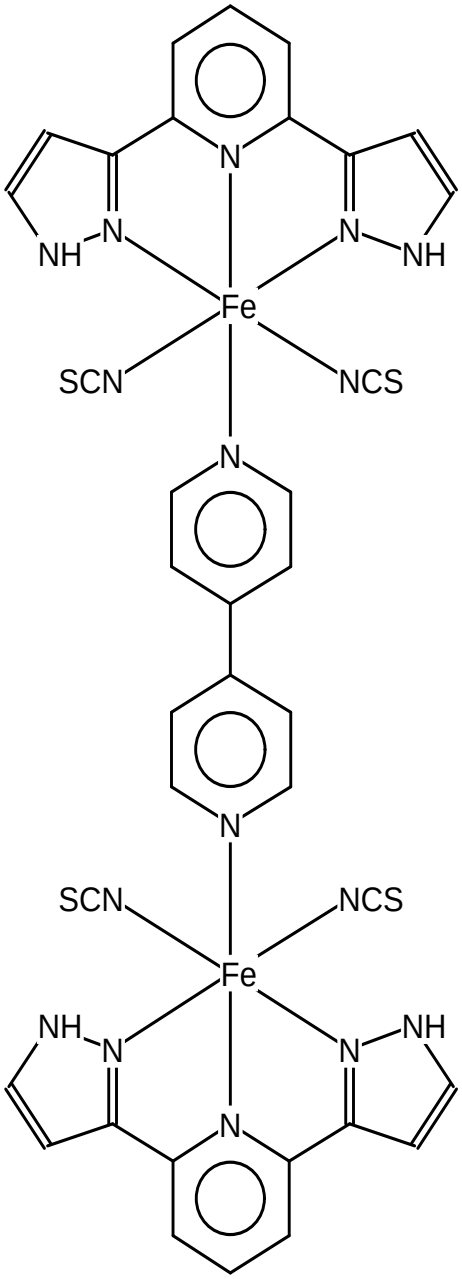
Reference: A.Kaiba, H.J.Shepherd, D.Fedaoui, P.Rosa, A.E.Goeta, N.Rebbani, J.F.Letard, P.Guionneau (2010) *Dalton Trans. ,***39,**2910

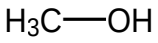
Formula: $C_{36}\ H_{26}\ Fe_2\ N_{16}\ S_4,2(C_1\ H_4\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2,6-bis(1H-pyrazol-3-yl)pyridine)-tetrakis(isothiocyanato)-di-iron(ii) methanol solvate

Space Group:	P-1	***Cell:***	***a***	15.891(0)	***b***	17.384(0)	***c***	18.342(0)
Space Group No.:	2	***(Å,°)***	α	72.05(0)	β	90.00(0)	γ	62.80(0)

R-Factor (%): 4.04 ***Temperature(K):*** 30 ***Density(g/cm^3):*** 1.550





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3122

LIZFIK02

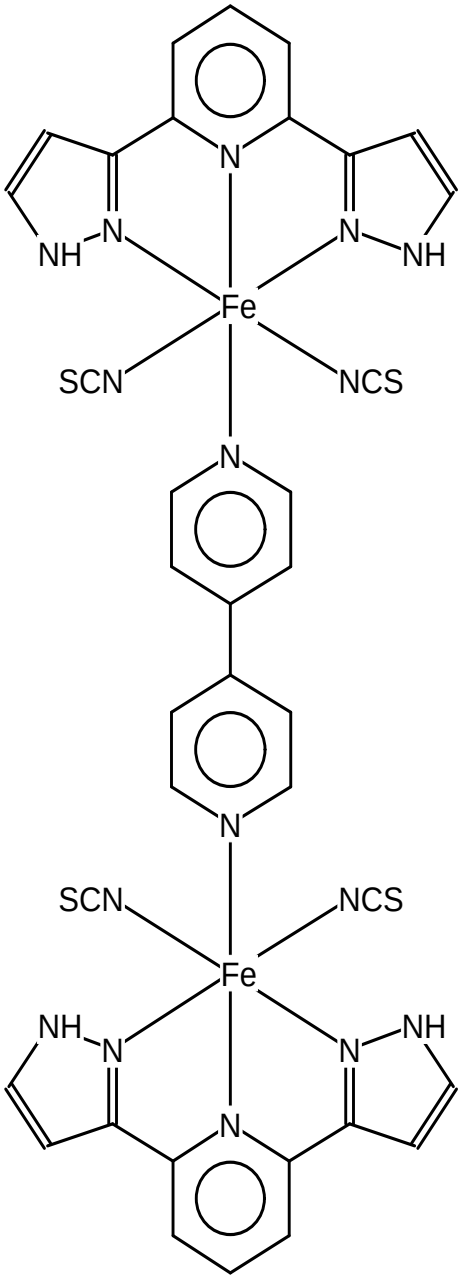
Reference: A.Kaiba, H.J.Shepherd, D.Fedaoui, P.Rosa, A.E.Goeta, N.Rebbani, J.F.Letard, P.Guionneau (2010) *Dalton Trans. ,***39,**2910

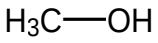
Formula: $C_{36}\ H_{26}\ Fe_2\ N_{16}\ S_4,2(C_1\ H_4\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2,6-bis(1H-pyrazol-3-yl)pyridine)-tetrakis(isothiocyanato)-di-iron(ii) methanol solvate

Space Group:	P-1	***Cell:***	***a***	16.046(1)	***b***	17.363(1)	***c***	18.550(1)
Space Group No.:	2	***(Å,°)***	α	72.18(0)	β	89.93(0)	γ	62.56(0)

R-Factor (%): 4.76 ***Temperature(K):*** 30 ***Density(g/cm^3):*** 1.522





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3123

LIZFIK03

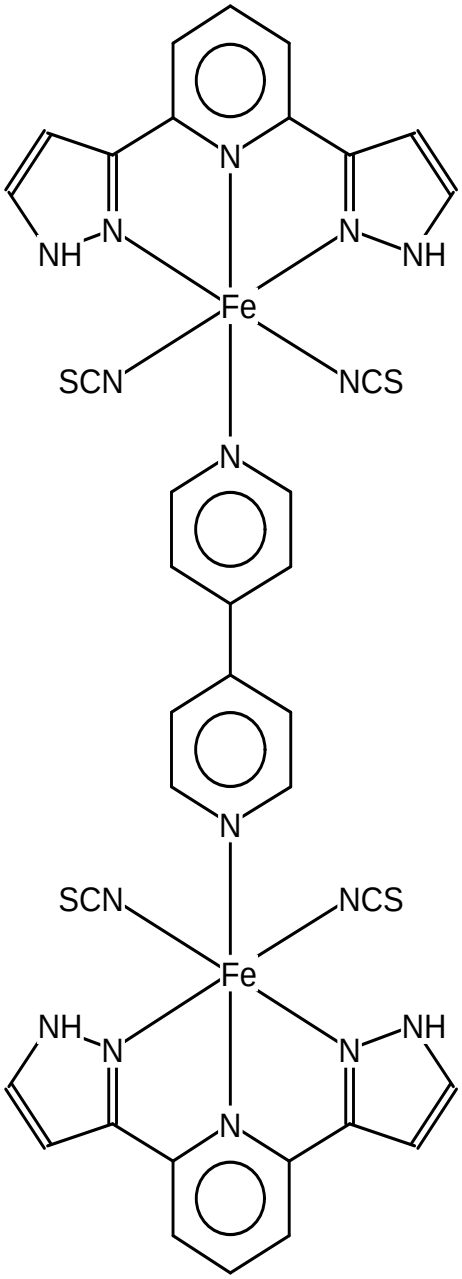
Reference: A.Kaiba, H.J.Shepherd, D.Fedaoui, P.Rosa, A.E.Goeta, N.Rebbani, J.F.Letard, P.Guionneau (2010) *Dalton Trans. ,***39,**2910

Formula: $C_{36}\ H_{26}\ Fe_2\ N_{16}\ S_4,2(C_1\ H_4\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine)-bis(2,6-bis(1H-pyrazol-3-yl)pyridine)-tetrakis(isothiocyanato)-di-iron(ii) methanol solvate

Space Group:	Cc	***Cell:***	***a***	30.958(3)	***b*** 16.109(1)	***c***	19.613(2)
Space Group No.:	9	***(Å,°)***	α	90.00	β 117.50(0)	γ	90.00

R-Factor (%): 3.47 ***Temperature(K):*** 140 ***Density(g/cm^3):*** 1.511



H_3C—OH

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3124

MUVGOA

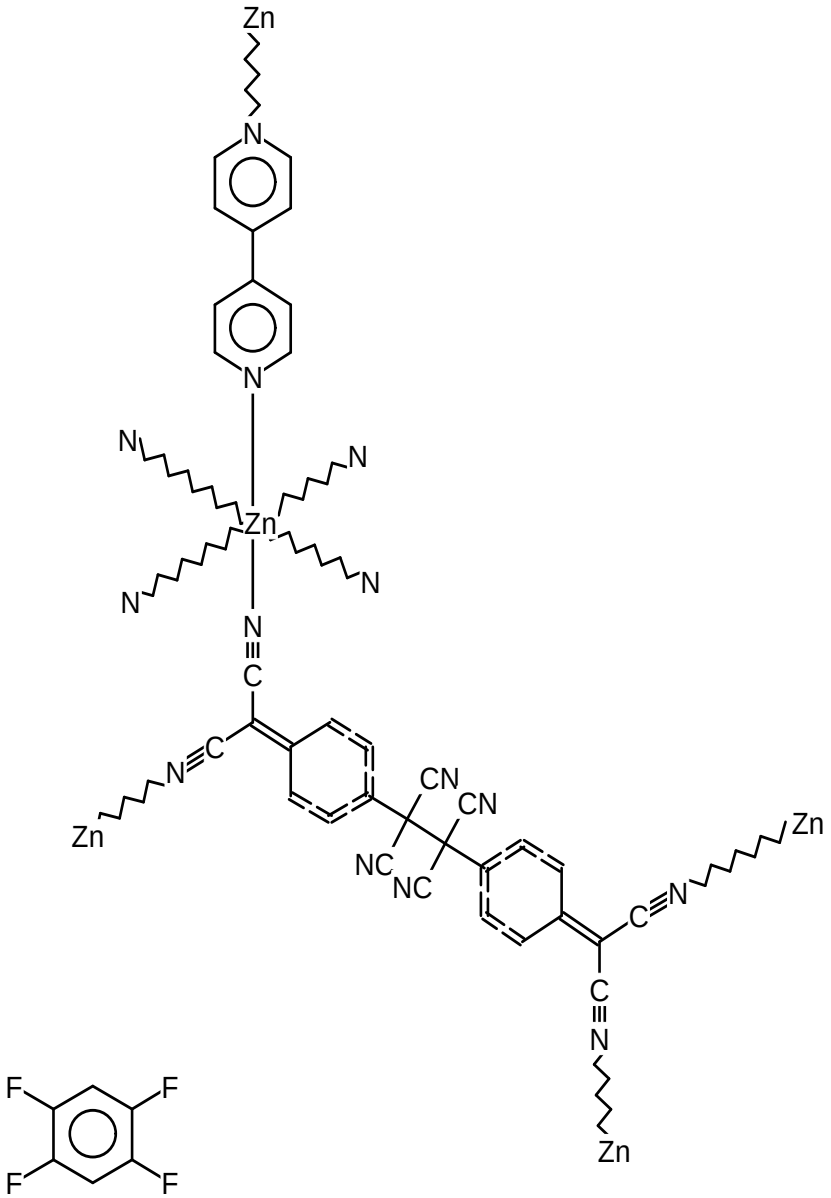
Reference: S.Shimomura, M.Higuchi, R.Matsuda, K.Yoneda, Y.Hijikata, Y.Kubota, Y.Mita, J.Kim, M.Takata, S.Kitagawa (2010) *Nature Chemistry ,***2,**633

Formula: $(C_{34}\ H_{16}\ N_{10}\ Zn_1)n,2n(C_6\ H_2\ F_4)$

Compound Name: catena-((μ_4-1,2-bis(4-(Dicyanomethylene)cyclohexa-2,5-dien-1-yl) ethane-1,1,2,2-tetracarbonitrile)-(μ_2-4,4'-bipyridine)-zinc bis(1,2,4,5-tetrafluorobenzene) clathrate)

Space Group:	Pcca	***Cell:***	***a***	22.857(6)	***b***	12.614(3)	***c***	14.604(4)
Space Group No.:	54	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.78 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.467



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3125

MUVGUG

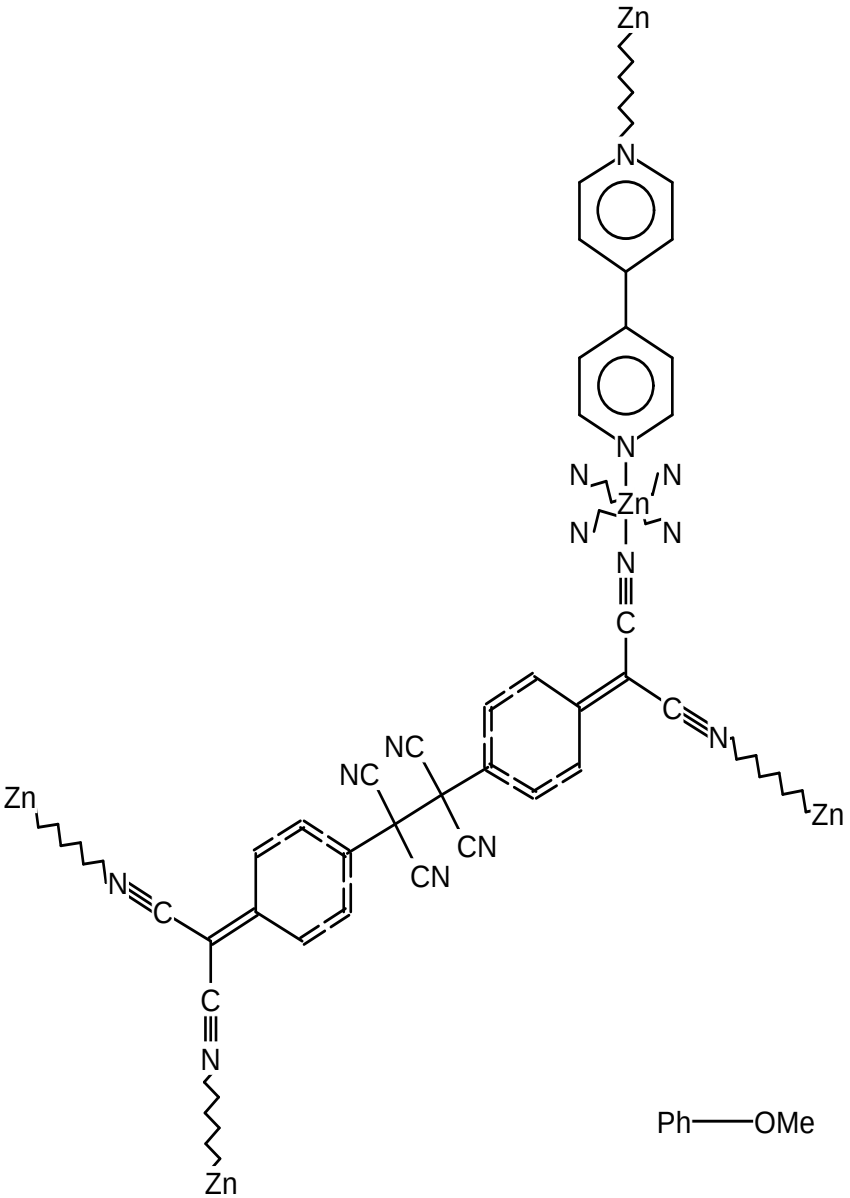
Reference: S.Shimomura, M.Higuchi, R.Matsuda, K.Yoneda, Y.Hijikata, Y.Kubota, Y.Mita, J.Kim, M.Takata, S.Kitagawa (2010) *Nature Chemistry* ,**2,**633

Formula: $(C_{34}\ H_{16}\ N_{10}\ Zn_1)n,n(C_7\ H_8\ O_1)$

Compound Name: catena-((μ_4-1,2-bis(4-(Dicyanomethylene)cyclohexa-2,5-dien-1-yl) ethane-1,1,2,2-tetracarbonitrile)-(μ_2-4,4'-bipyridine)-zinc anisole clathrate)

Space Group:	Pccm	***Cell:***	***a***	11.419(4)	***b***	12.670(5)	***c***	14.752(5)
Space Group No.:	49	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.16 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.148



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3126

MUVHAN

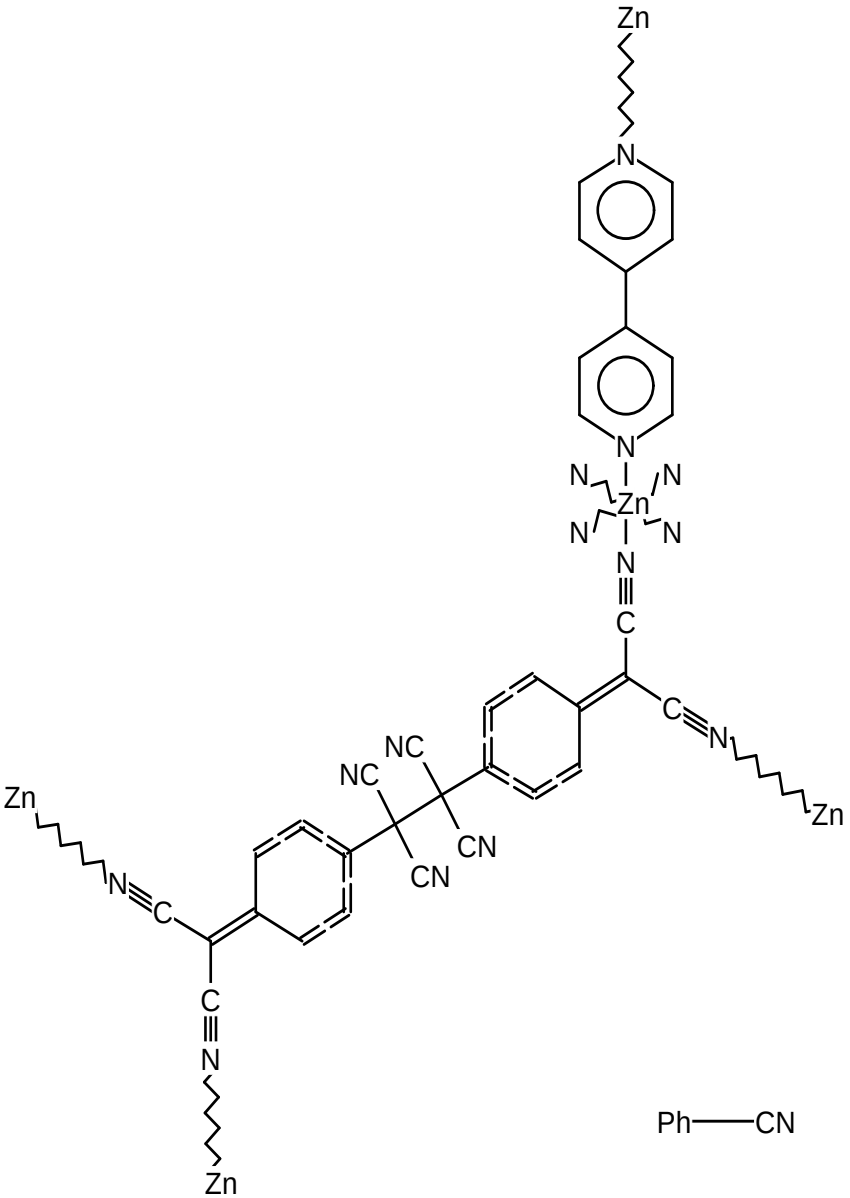
Reference: S.Shimomura, M.Higuchi, R.Matsuda, K.Yoneda, Y.Hijikata, Y.Kubota, Y.Mita, J.Kim, M.Takata, S.Kitagawa (2010) *Nature Chemistry* ,**2,**633

Formula: $(C_{34}\ H_{16}\ N_{10}\ Zn_1)n,n(C_7\ H_5\ N_1)$

Compound Name: catena-((μ_4-1,2-bis(4-(Dicyanomethylene)cyclohexa-2,5-dien-1-yl) ethane-1,1,2,2-tetracarbonitrile)-(μ_2-4,4'-bipyridine)-zinc benzonitrile clathrate)

Space Group:	Pccm	***Cell:***	***a***	11.434(1)	***b***	12.579(1)	***c***	14.776(1)
Space Group No.:	49	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 7.11 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.146



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3127

MUVHER

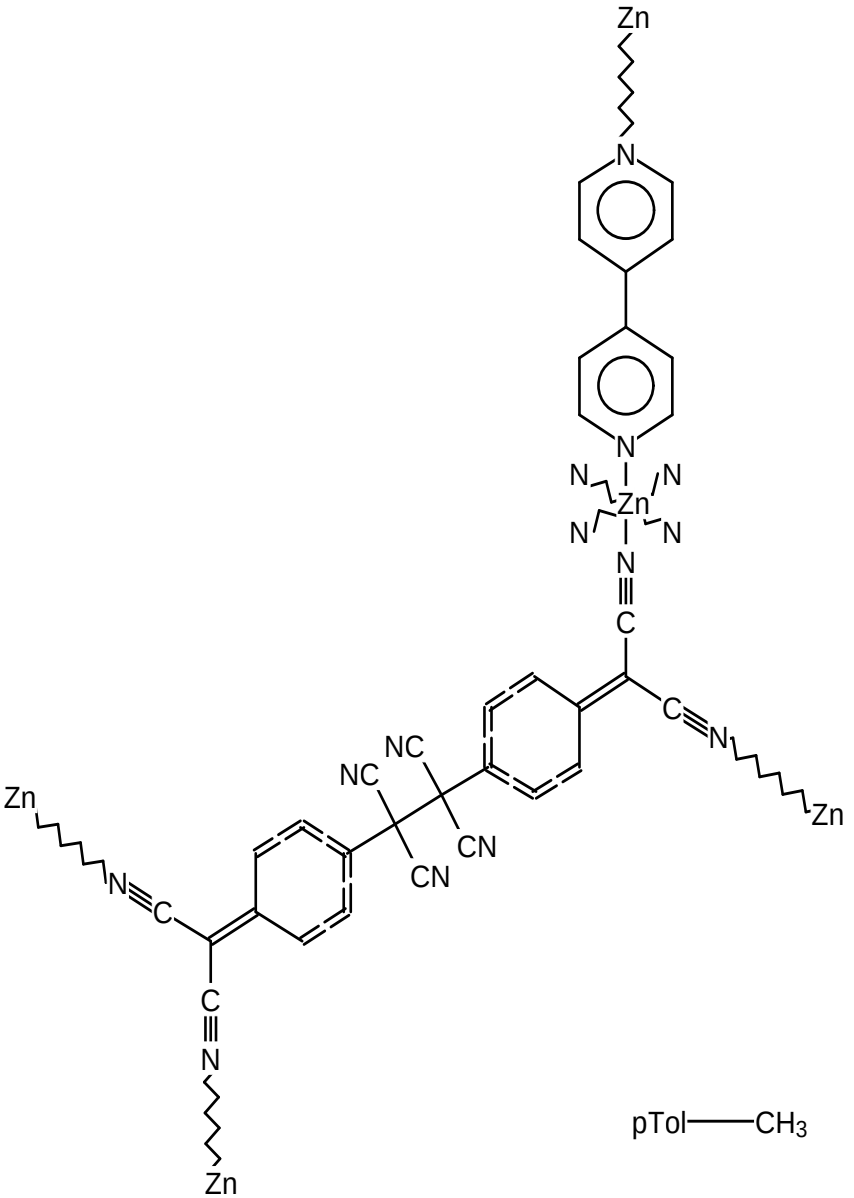
Reference: S.Shimomura, M.Higuchi, R.Matsuda, K.Yoneda, Y.Hijikata, Y.Kubota, Y.Mita, J.Kim, M.Takata, S.Kitagawa (2010) *Nature Chemistry* ,**2,**633

Formula: $(C_{34}\ H_{16}\ N_{10}\ Zn_1)n,n(C_8\ H_{10})$

Compound Name: catena-((μ_4-1,2-bis(4-(Dicyanomethylene)cyclohexa-2,5-dien-1-yl) ethane-1,1,2,2-tetracarbonitrile)-(μ_2-4,4'-bipyridine)-zinc p-xylene clathrate)

Space Group:	Pccm	***Cell:***	***a***	11.375(1)	***b***	12.724(1)	***c***	14.801(2)
Space Group No.:	49	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 6.72 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.141



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3128

OGUPOW

Reference: Ming-Hua Zeng, Hua-Hong Zou, Sheng Hu, Yan-Ling Zhou, Miao Du, Hao-Ling Sun (2009) *Cryst.Growth Des. ,***9,** 4239

Formula: $(C_{74}\ H_{56}\ Co_{10}\ N_{10}\ O_{38})n,6n(H_2\ O_1)$

Compound Name: catena-(hexakis(μ_5-5-Aminoisophthalato)-bis(μ_4-5-aminoisophthalato)-tetrakis(μ_3-hydroxo)-(μ_2-4,4'-bipyridine-N,N')-diaqua-deca-cobalt(ii) hexahydrate)

Space Group:	C2/c	***Cell:***	***a***	35.715(2)	***b***	11.134(0)	***c***	22.146(1)
Space Group No.:	15	***(Å,°)***	α	90.00	β	93.09(0)	γ	90.00

R-Factor (%): 6.74 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.806

H_2O

n-$Co_{10}[\mu_5\text{-}C_8H_5NO_4]_6$--
--$[\mu_4\text{-}C_8H_5NO_4\text{-}\kappa^1N,\kappa^3O,O',O'']_2[\mu_3\text{-}HO]_4$--
--$[\mu_2\text{-}C_{10}H_8N_2\text{-}\kappa^2N,N'][H_2O]_2$

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3129

OGUTOA

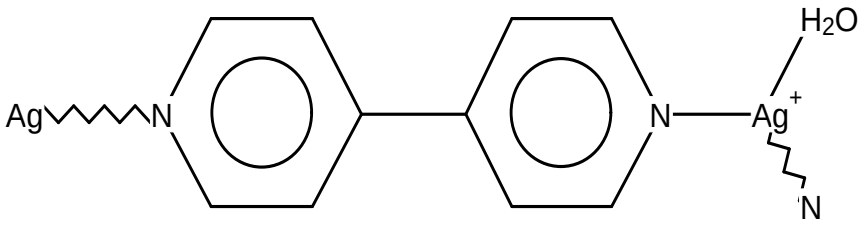
Reference: Xiao-Feng Zheng, Long-Guan Zhu (2009)
Cryst.Growth Des. ,**9,**4407

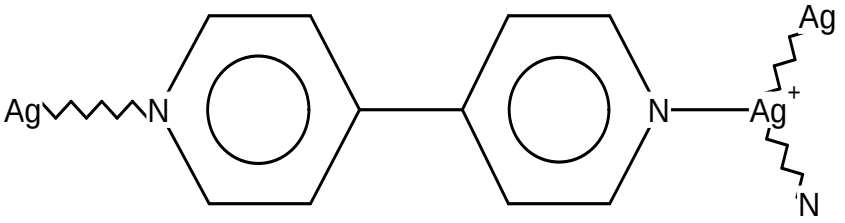
Formula: $(C_{10}\ H_{10}\ Ag_1\ N_2\ O_1\ ^{1+})n,n(C_{10}\ H_8\ Ag_1\ N_2\ ^{1+}),n(C_7\ H_4\ O_5\ S_1\ ^{2-}),2n(H_2\ O_1)$

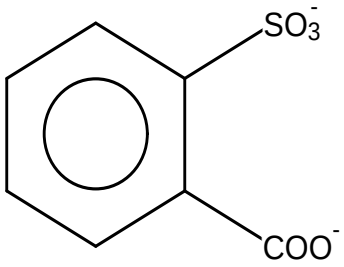
Compound Name: catena-(μ_2-4,4'-Bipyridine-N,N')-aqua-silver (μ_2-4,4'-bipyridine-N,N')-silver 2-sulfobenzoate dihydrate)

Space Group:	C2/c	***Cell:***	***a***	18.032(1)	***b*** 11.343(0)	***c***	28.050(2)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.97(0)	γ	90.00

R-Factor (%): 11.31 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.904







H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3130

PULVUO

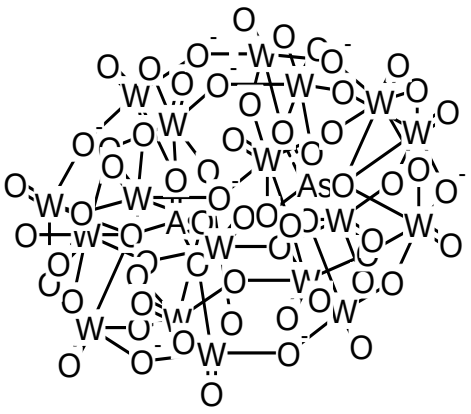
Reference: Feng Yao, Fan-Xia Meng, Ya-Guang Chen, Chun-Jing Zhang (2010) *J.Coord.Chem. ,***63,**196

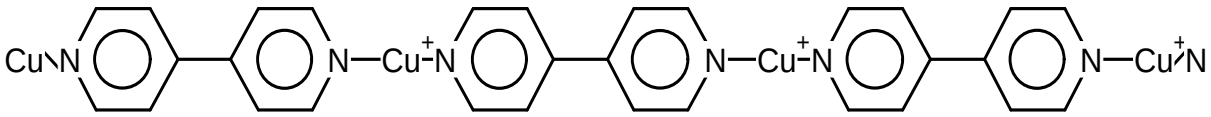
Formula: $(As_2\ O_{62}\ W_{18}\ ^{9-})_n,2n(C_4\ H_{16}\ Cu_1\ N_4\ ^{2+}),1.5n(C_{30}\ H_{24}\ Cu_3\ N_6\ ^{3+}),0.5n(H_3\ O_1\ ^{1+}),3n(H$

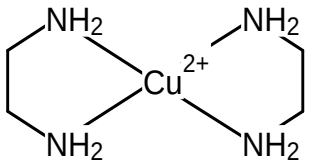
Compound Name: catena-(sesquikis(tris(μ_2-4,4'-Bipyridine-N,N')-tri-copper(i)) bis(bis(ethylenediamine)-copper(ii)) hemikis(oxonium) bis(μ_9-arsenato)-hexatriacontakis(μ_2-oxo)-octadecaoxo-tri-tungsten(v)-pentadeca-tungsten(vi) trihydrate)

Space Group:	P-1	***Cell:***	***a***	13.249(5)	***b***	17.813(5)	***c***	23.940(5)
Space Group No.:	2	***(Å,°)***	α	82.27(0)	β	78.14(0)	γ	83.65(0)

R-Factor (%): 6.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.572







OH_3^+ H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3131

PUPJIU

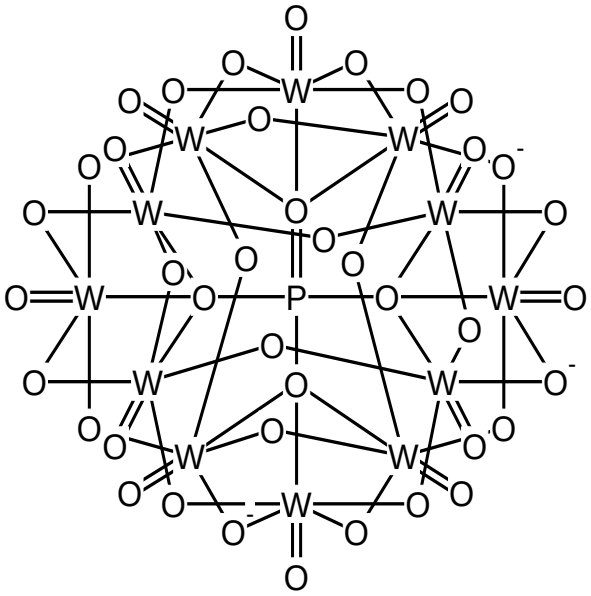
Reference: Hongxun Yang, Xi Lin, Bo Xu, Yanglijun You, Minna Cao, Shuiying Gao, Rong Cao (2010) *J.Mol.Struct.* ,**966,**33

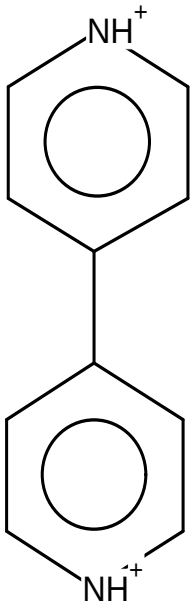
Formula: $2(C_{10}\ H_{10}\ N_2\ ^{2+}),O_{40}\ P_1\ W_{12}\ ^{4-},2(H_2\ O_1)$

Compound Name: bis(4,4'-Bipyridinium) (μ_{12}-phosphato)-tetracosakis(μ_2-oxo)-dodecaoxo-dodeca-tungsten dihydrate

Space Group:	P21/c	***Cell:***	***a***	11.511(3)	***b*** 12.088(3)	***c***	17.312(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.47(1)	γ	90.00

R-Factor (%): 5.08 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.579





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3132

PUPJOA

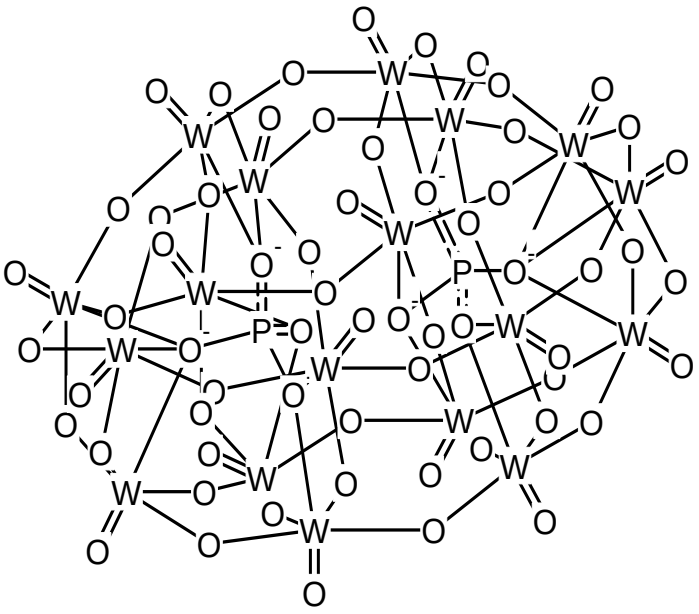
Reference: Hongxun Yang, Xi Lin, Bo Xu, Yanglijun You, Minna Cao, Shuiying Gao, Rong Cao (2010) *J.Mol.Struct.* ,**966,**33

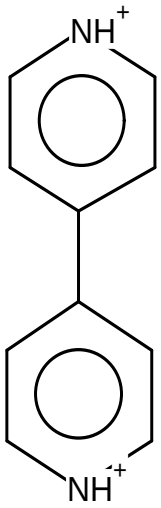
Formula: $3(C_{10}H_{10}N_2^{2+}),O_{62}P_2W_{18}^{6-},3(H_2O_1)$

Compound Name: tris(4,4'-Bipyridinium) bis(μ_9-phosphato)-tritriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten trihydrate

Space Group:	P-1	***Cell:***	***a***	14.543(0)	***b***	21.432(0)	***c***	27.033(0)
Space Group No.:	2	***(Å,°)***	α	82.72(0)	β	78.78(0)	γ	85.20(0)

R-Factor (%):	6.28	***Temperature(K):***	293	***Density(g/cm^3):***	3.971





H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3133

PUPJUG

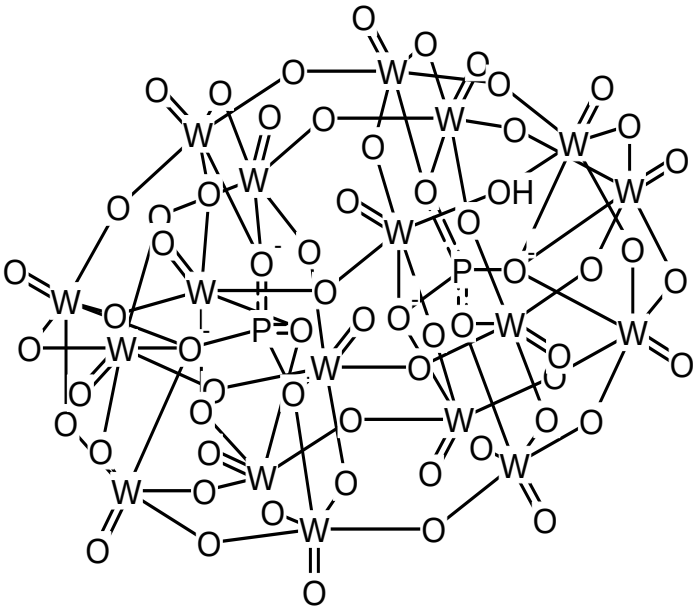
Reference: Hongxun Yang, Xi Lin, Bo Xu, Yanglijun You, Minna Cao, Shuiying Gao, Rong Cao (2010) *J.Mol.Struct.* ,**966,**33

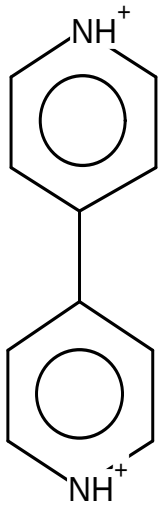
Formula: $5(C_{10}\ H_{10}\ N_2\ ^{2+}),2(H_1\ O_{62}\ P_2\ W_{18}\ ^{5-})$

Compound Name: pentakis(4,4'-Bipyridinium) bis(bis(μ_9-phosphato)-bis(μ_2-hydroxo)-hentriacontakis(μ_2-oxo)-octadecaoxo-octadeca-tungsten)

Space Group:	P-1	***Cell:***	***a***	13.494(3)	***b***	22.405(4)	***c***	27.320(5)
Space Group No.:	2	***(Å,°)***	α	79.88(0)	β	77.60(0)	γ	80.26(0)

R-Factor (%): 7.19 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 4.019





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3134

PUQHOZ

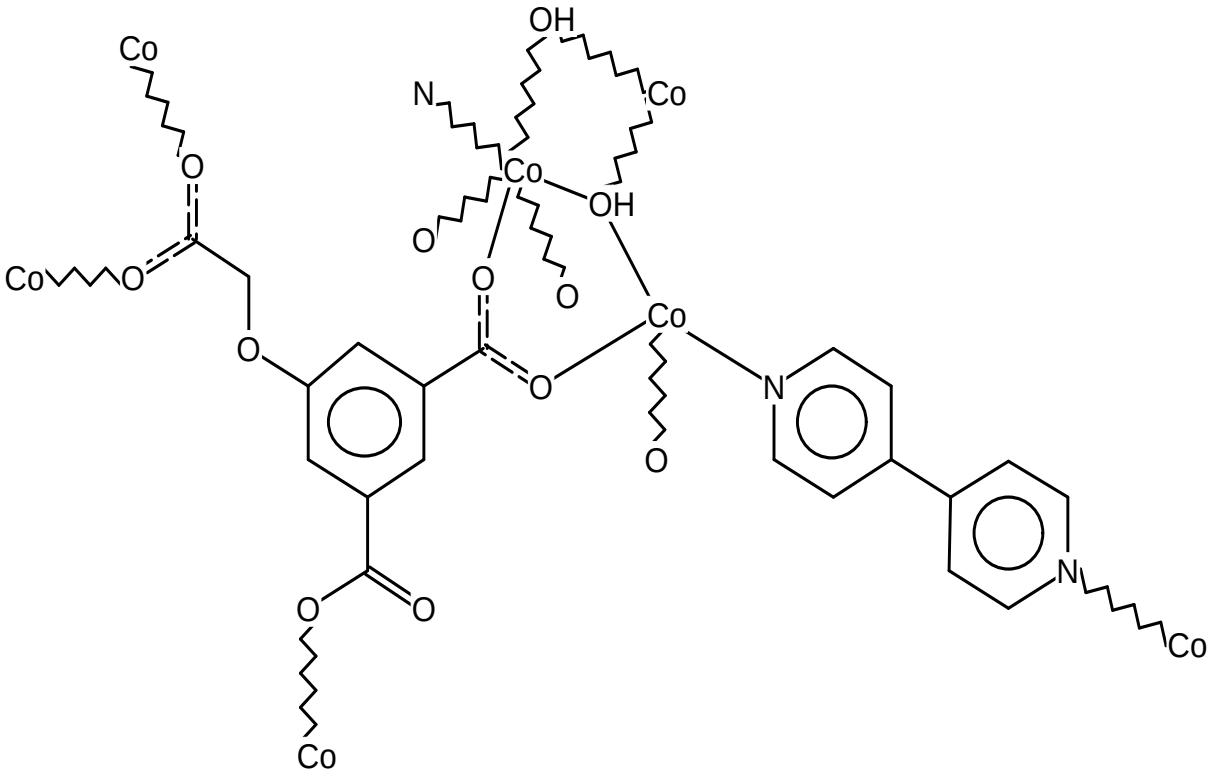
Reference: Guan-Hua Wang, Yong-Qian Lei, Ning Wang, Ren-Ling He, Heng-Qing Jia, Ning-Hai Hu, Jing-Wei Xu (2010) *Cryst.Growth Des. ,***10,**534

Formula: $(C_{20}\ H_{14}\ Co_2\ N_2\ O_8)n,2.2n(H_2\ O_1)$

Compound Name: catena-((μ_5-5-(Carboxylatomethoxy)isophthalato)-(μ_3-hydroxo)-(μ_2-4, 4'-bipyridine)-di-cobalt hydrate)

Space Group:	P-1	***Cell:***	***a***	9.889(1)	***b*** 11.102(2)	***c***	11.914(2)
Space Group No.:	2	***(Å,°)***	α	64.32(0)	β 78.16(0)	γ	68.48(0)

R-Factor (%): 6.89 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.722



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3135

PUQYEG

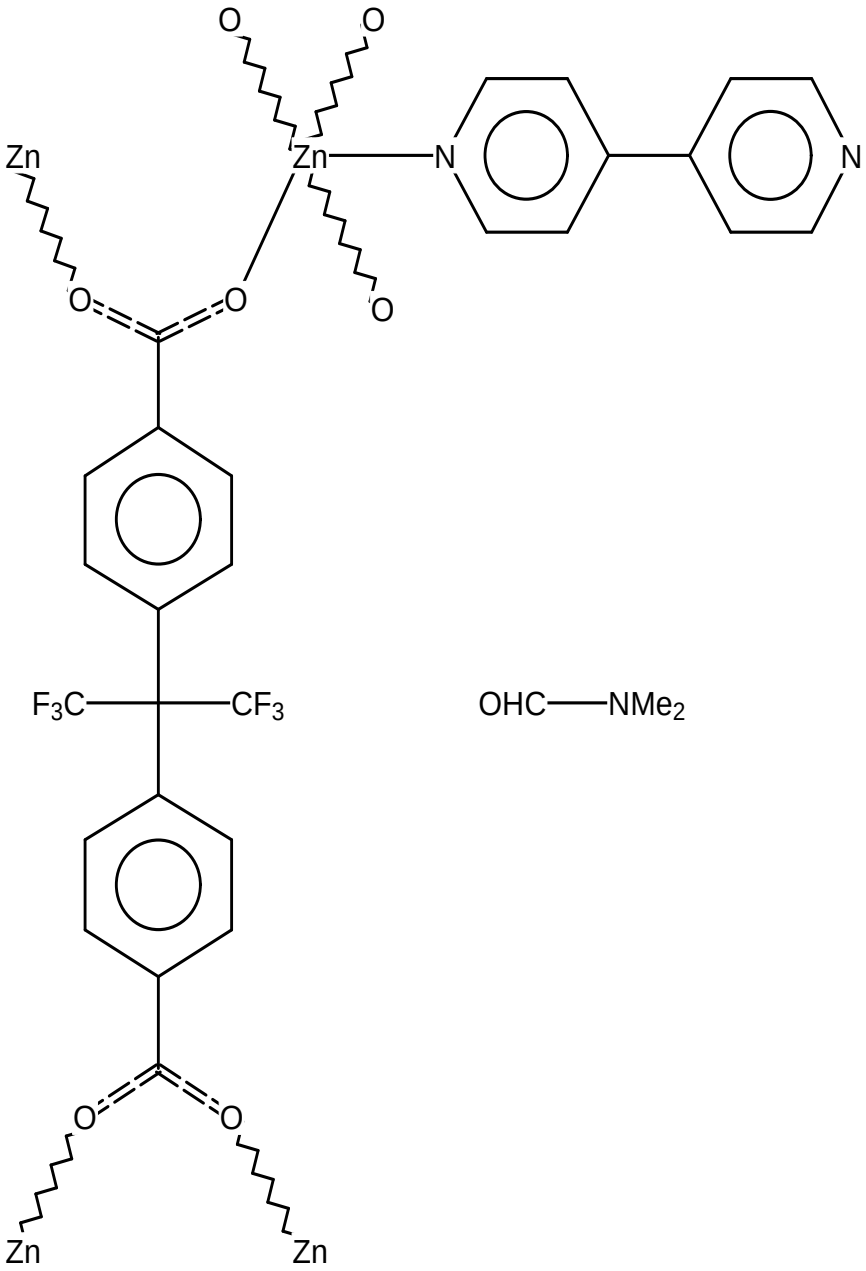
Reference: Hai-Long Jiang, Bo Liu, Qiang Xu (2010)
Cryst.Growth Des. ,**10,**806

Formula: $(C_{27}\ H_{16}\ F_6\ N_2\ O_4\ Zn_1)n,n(C_3\ H_7\ N_1\ O_1)$

Compound Name: catena-((μ_4-4,4'-(1,1,1,3,3,3-hexafluoropropane-2,2-diyl)dibenzoato)-(4,4'-bipyridine)-zinc(ii) N,N-dimethylformamide solvate)

Space Group:	P21/c	***Cell:***	***a***	13.080(3)	***b*** 9.710(1)	***c***	25.530(8)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.26(3)	γ	90.00

R-Factor (%): 4.62 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.454



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3136

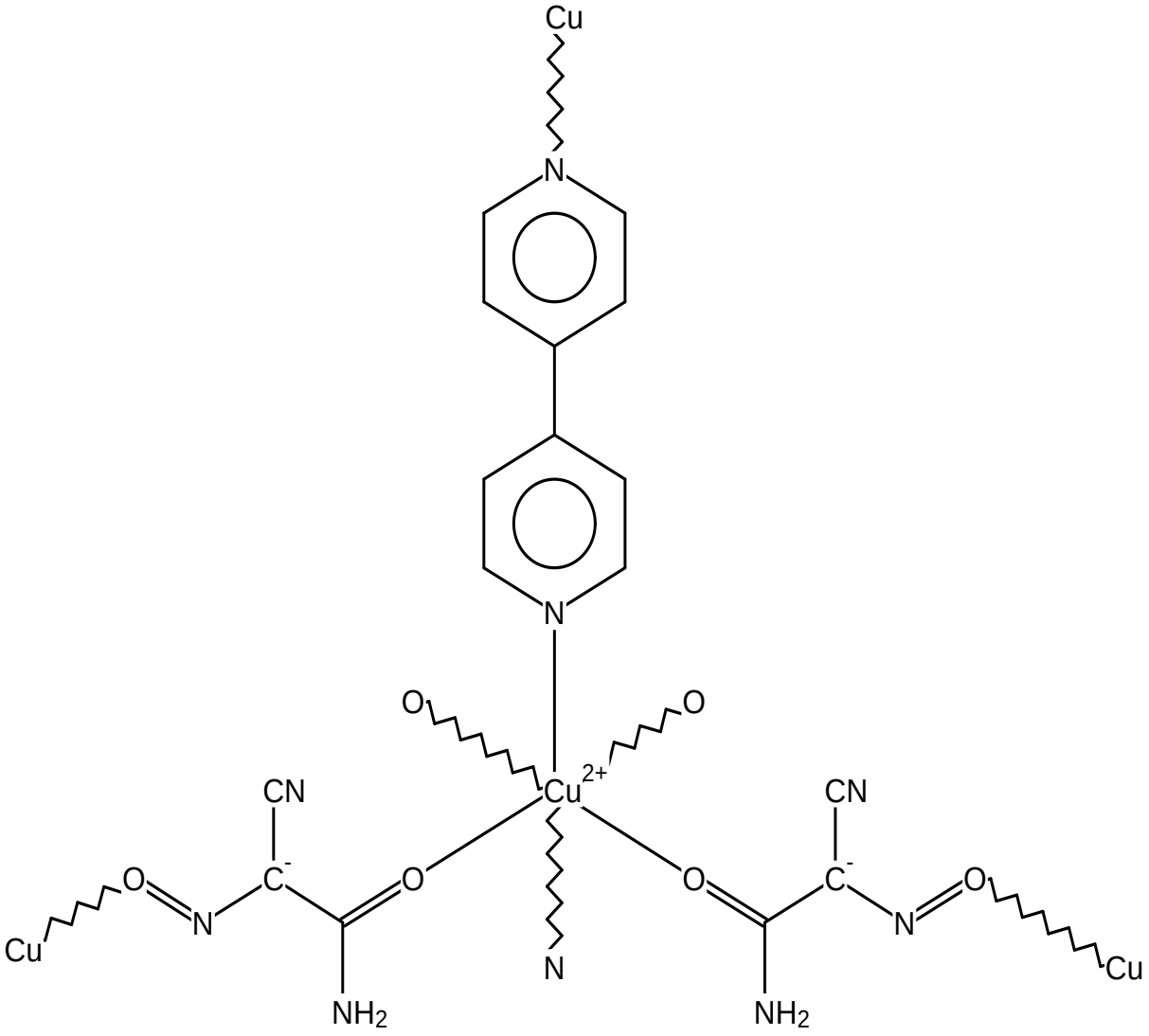
QUPZIL

Reference: A.S.R.Chesman, D.R.Turner, G.B.Deacon, S.R.Batten (2010) *Chem.Commun.* ,**46,**4899

Formula: $(C_{16}\ H_{12}\ Cu_1\ N_8\ O_4)n$

Compound Name: catena-[(μ_2-4,4'-bipyridine)-bis(μ_2-carbamoylcyanonitrosomethanido)-copper(ii)]

Space Group:	P43212	***Cell:***	***a*** 7.808(0)	***b*** 7.808(0)	***c*** 29.146(3)
Space Group No.:	96	***(Å,°)***	α 90.00	β 90.00	γ 90.00
R-Factor (%):	3.73	***Temperature(K):***	123	***Density(g/cm^3):***	1.659



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3137

QUPZOR

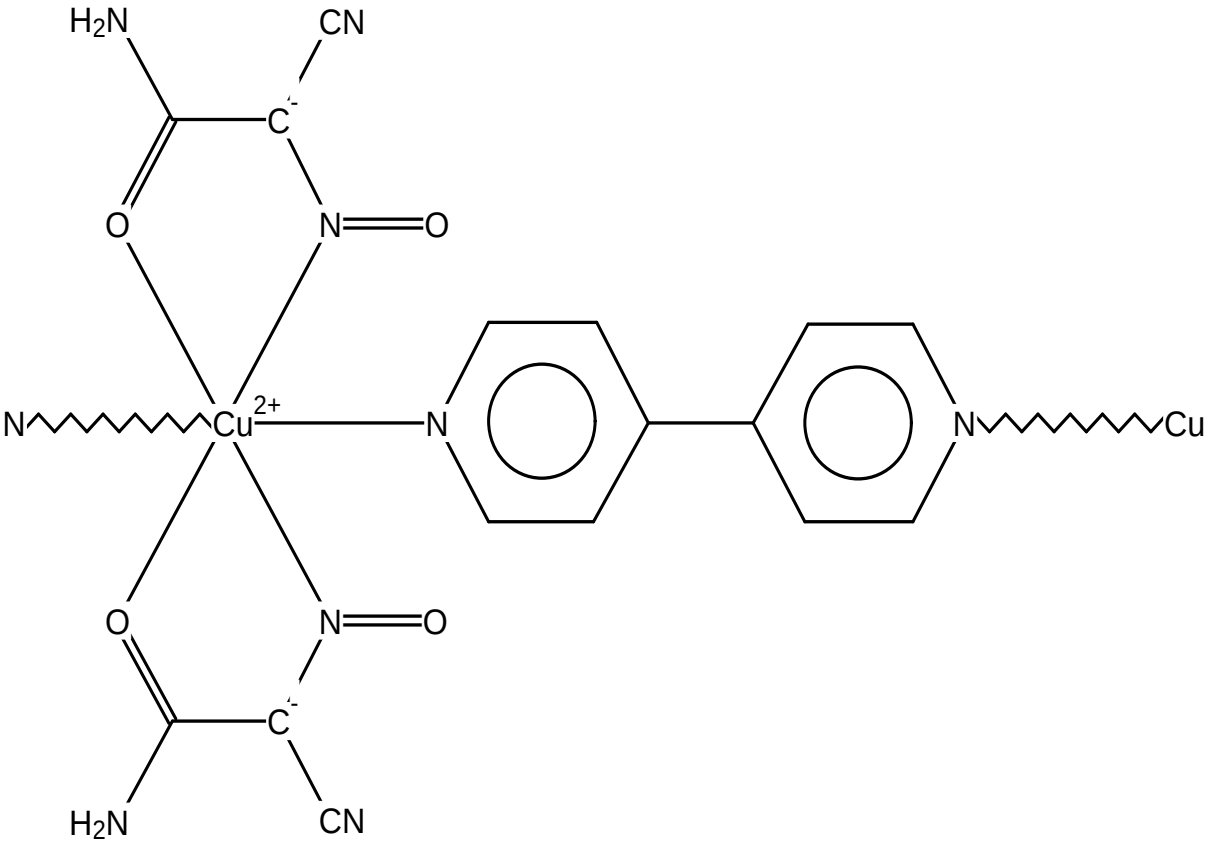
Reference: A.S.R.Chesman, D.R.Turner, G.B.Deacon, S.R.Batten (2010) *Chem.Commun. ,***46,**4899

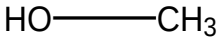
Formula: $(C_{16}\ H_{12}\ Cu_1\ N_8\ O_4)n,4n(C_1\ H_4\ O_1)$

Compound Name: catena-[(μ_2-4,4'-bipyridine)-bis(carbamoylcyanonitrosomethanide)-copper(ii) methanol solvate]

Space Group:	Pbcn	***Cell:***	***a***	11.403(0)	***b***	11.098(0)	***c*** 20.184(0)
Space Group No.:	60	***(Å,°)***	α	90.00	β	90.00	γ 90.00

R-Factor (%): 2.82 ***Temperature(K):*** 123 ***Density(g/cm^3):*** 1.488





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3138

QUQKOD

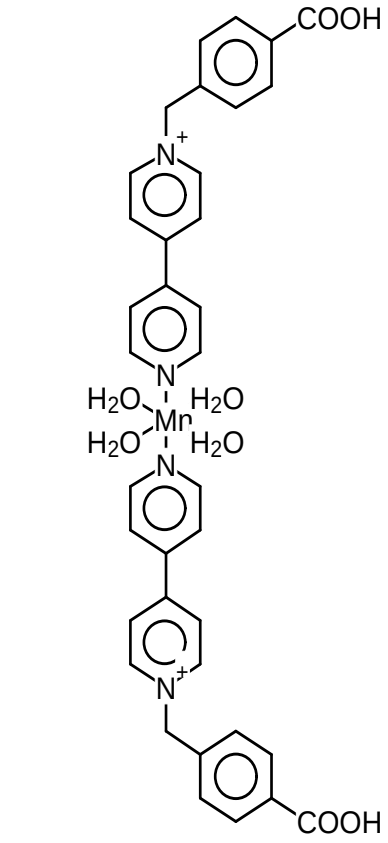
Reference: Xu-Hui Jin, Jian-Ke Sun, Xi-Ming Xu, Zhao-Hui Li, Jie Zhang (2010) *Chem.Commun.* ,**46,**4695

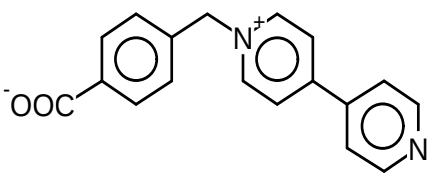
Formula: $C_{36}\,H_{38}\,Mn_1\,N_4\,O_8\,^{2+},C_{18}\,H_{14}\,N_2\,O_2,2(Cl_1\,O_4\,^{1-}),10(H_2\,O_1)$

Compound Name: Tetra-aqua-bis(1-(4-carboxybenzyl)-4-(pyridin-4-yl)pyridinium)-manganese(ii) diperchlorate 4-((4-(pyridin-4-yl)pyridinium-1-yl)methyl) benzoate decahydrate

Space Group:	P212121	***Cell:***	***a***	18.076(6)	***b***	18.275(6)	***c***	18.908(6)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 8.92 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.466





ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3139

QUQKUJ

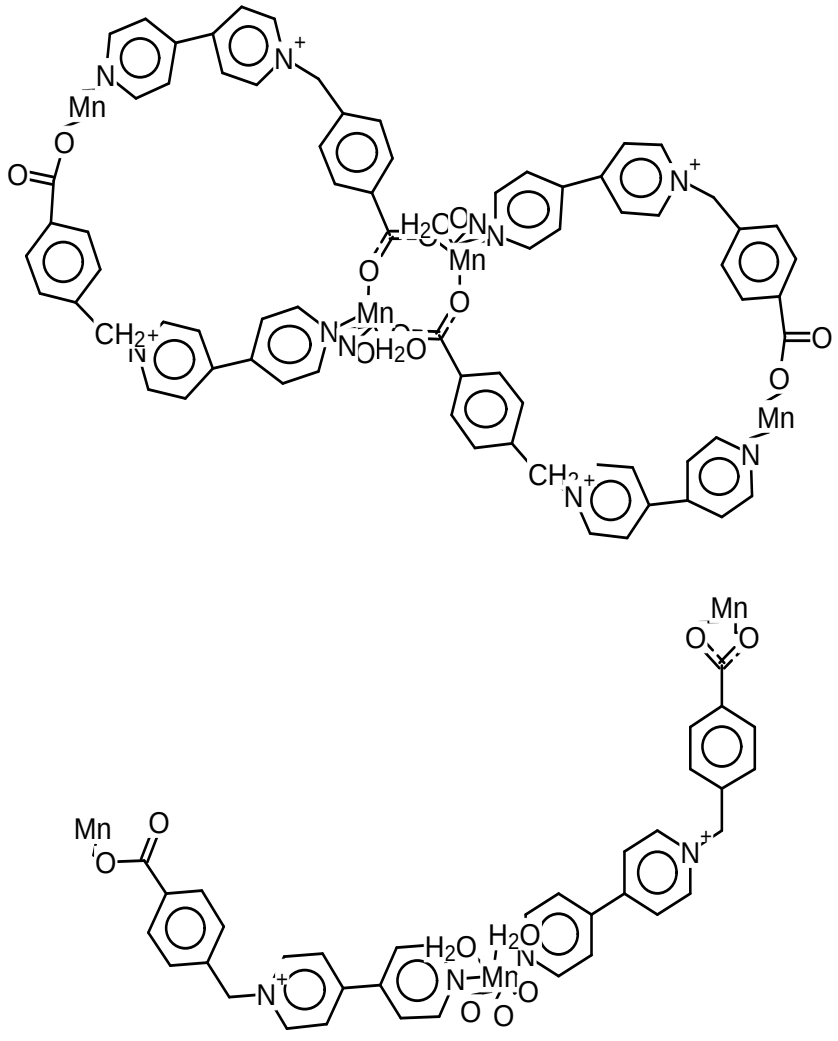
Reference: Xu-Hui Jin, Jian-Ke Sun, Xi-Ming Xu, Zhao-Hui Li, Jie Zhang (2010) *Chem.Commun.* ,**46,**4695

Formula: $(C_{72}\ H_{60}\ Mn_2\ N_8\ O_{10}\ ^{4+})n,2n(C_{36}\ H_{32}\ Mn_1\ N_4\ O_6\ ^{2+}),8n(Cl_1\ O_4\ ^{1-}),6n(H_2\ O_1)$

Compound Name: catena-(bis(μ_3-1-(4-Carboxyphenyl)-4-(4-pyridyl)pyridinium-N,O,O')-bis(μ_2-1-(4-carboxyphenyl)-4-(4-pyridyl)pyridinium-N,O)-diaqua-di-manganese(ii) bis((μ_2-1-(4-carboxyphenyl)-4-(4-pyridyl)pyridinium-N,O,O')-(μ_2-1-(4-carboxyphenyl)-4-(4-pyridyl)pyridinium-N,O)-diaqua-manganese(ii)) octaperchlorate hexahydrate)

Space Group:	P21/c	***Cell:***	***a***	15.820(5)	***b***	27.140(9)	***c*** 23.236(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	129.03(1)	γ 90.00

R-Factor (%): 8.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.523



ClO_4^-

H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3140

QUXLUR

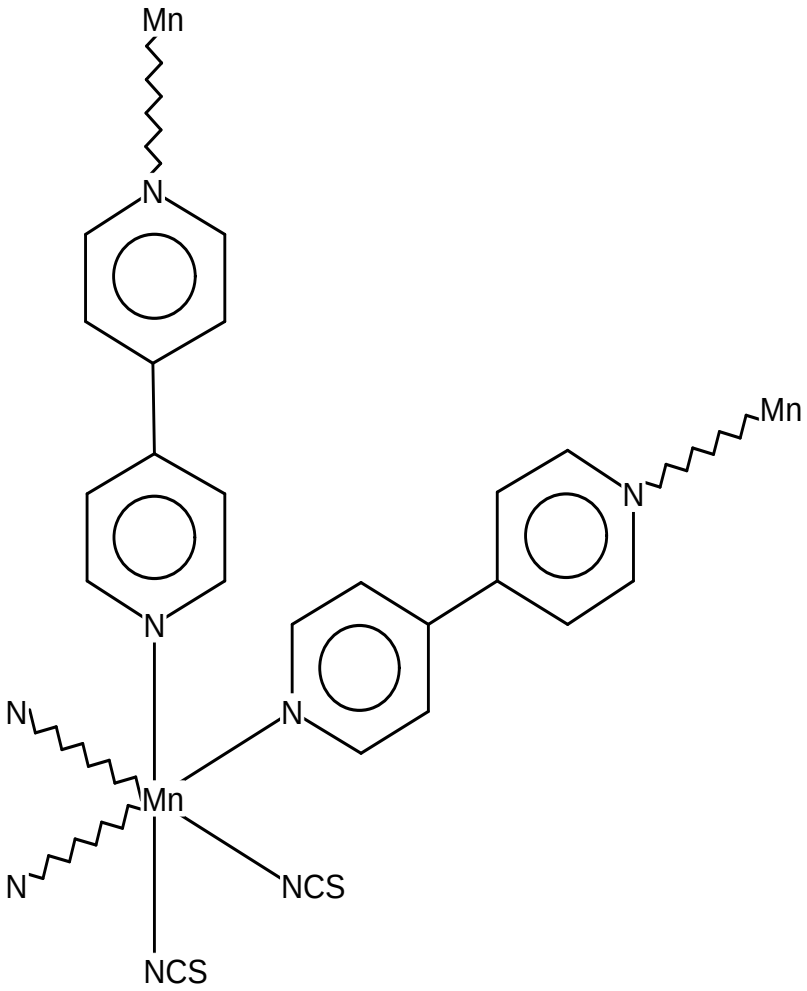
Reference: M.Wriedt, I.Jess, C.Nather (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m781

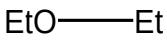
Formula: $(C_{22}\ H_{16}\ Mn_1\ N_6\ S_2)n,2n(C_4\ H_{10}\ O_1)$

Compound Name: catena-(bis(μ_2-4,4'-bipyridyl)-bis(isothiocyanato)-manganese(ii) diethyl ether solvate)

Space Group:	P2/c	***Cell:***	***a***	11.702(2)	***b*** 11.639(1)	***c***	13.424(2)
Space Group No.:	13	***(Å,°)***	α	90.00	β 106.75(2)	γ	90.00

R-Factor (%):	7.26	***Temperature(K):***	230	***Density(g/cm^3):***	1.198





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3141

RUHGOR01

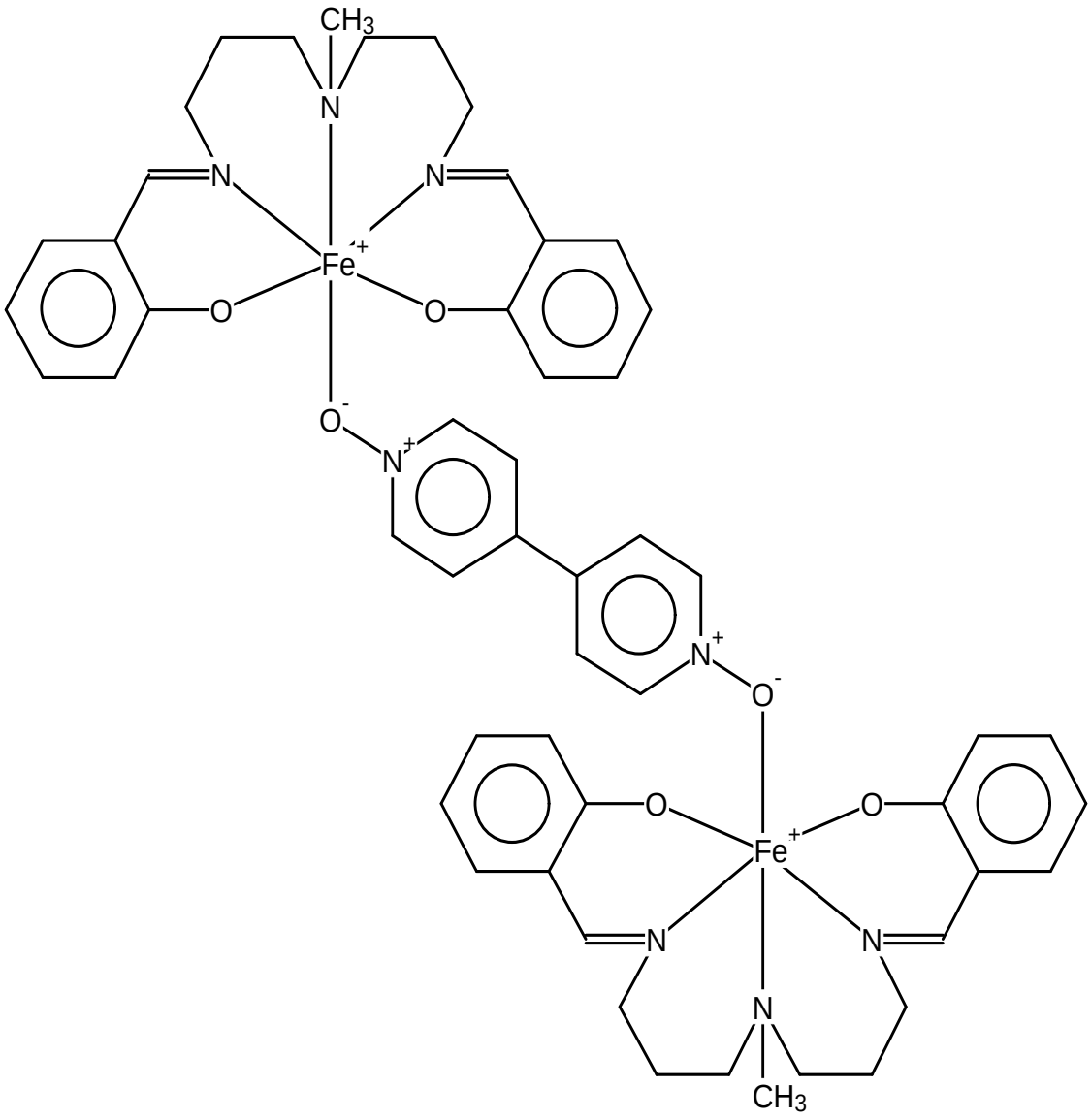
Reference: I.Nemec, R.Boca, M.Gembicky, L.Dlhan, R.Herchel, F.Renz (2009) *Inorg.Chim.Acta ,***362,**4754

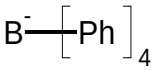
Formula: $C_{52}\ H_{58}\ Fe_2\ N_8\ O_6\ ^{2+}$,2($C_{24}\ H_{20}\ B_1\ ^{1-}$)

Compound Name: (μ_2-4,4'-Bipyridine-N,N'-dioxido-O,O')-bis(N,N'-(3,3'-dipropyl(methyl) amine)bis(salicylideneiminato))-di-iron(iii) bis(tetraphenylborate)

Space Group:	P21/n	***Cell:***	***a***	14.000(0)	***b***	13.201(0)	***c***	22.858(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.72(0)	γ	90.00

R-Factor (%): 5.19 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 1.290





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3142

SACHUB

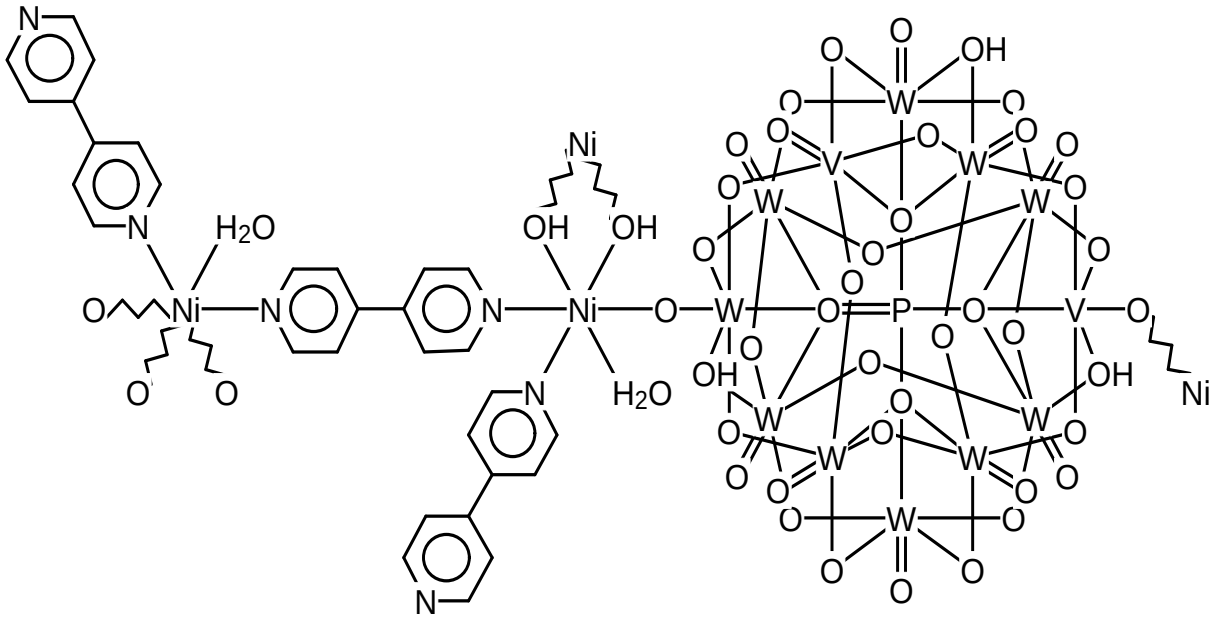
Reference: Xuemei Han, Wansheng You, Limei Dai, Lijun Qi, Yong Fang, Weiwei Li (2009) *J.Cluster Sci. ,***20,**707

Formula: $(C_{30}\ H_{33}\ N_6\ Ni_2\ O_{44}\ P_1\ V_2\ W_{10})n,4n(H_2\ O_1)$

Compound Name: catena-($(\mu_{12}$-phosphato)-$(\mu_2$-4,4'-bipyridine)-pentakis(μ_2-hydroxo)-tricosakis(μ_2-oxo)-bis(4,4'-bipyridine)-diaqua-octaoxo-di-nickel-di-vanadium-deca-tungsten tetrahydrate)

Space Group:	P21/c	***Cell:***	***a***	13.484(1)	***b*** 14.950(1)	***c***	19.103(1)
Space Group No.:	14	***(Å,°)***	α	90.00	β 128.62(0)	γ	90.00

R-Factor (%): 6.29 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 3.689



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3143

SUJDUX

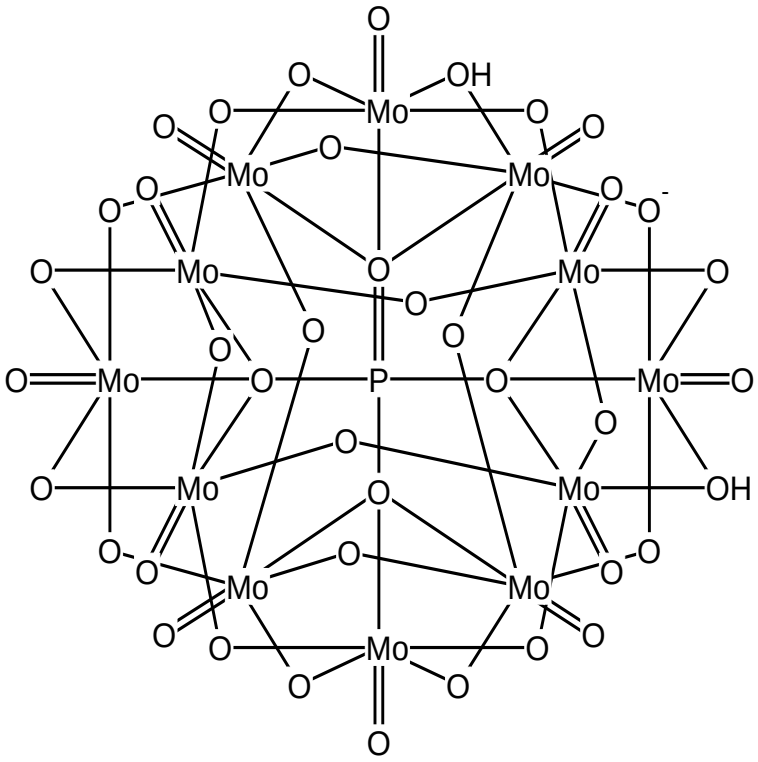
Reference: Mei-Lin Wei, Hai-Yun Xu, Rui-Ping Sun (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**978

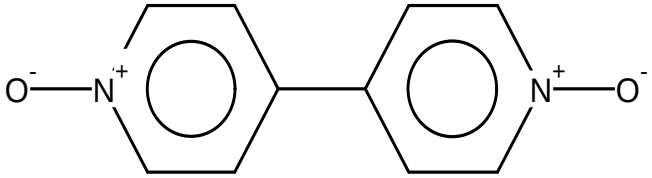
Formula: $K_1\ ^{1+}, H_2\ Mo_{12}\ O_{40}\ P_1\ ^{1-}, 2(C_{10}\ H_8\ N_2\ O_2), H_2\ O_1, 3(C_2\ H_3\ N_1)$

Compound Name: Potassium (μ_{12}-phosphato)-bis(μ_2-hydroxo)-docosakis(μ_2-oxo)-dodecaoxo-dodeca-molybdenum bis(4,4'-bipyridine-N,N'-dioxide) acetonitrile solvate monohydrate

Space Group:	Cmcm	***Cell:***	***a***	20.533(1)	***b***	16.888(1)	***c***	16.145(1)
Space Group No.:	63	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.18 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 2.825





K^+

H_2O

$H_3C{-}{-}{-}CN$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3144

SUJGEK

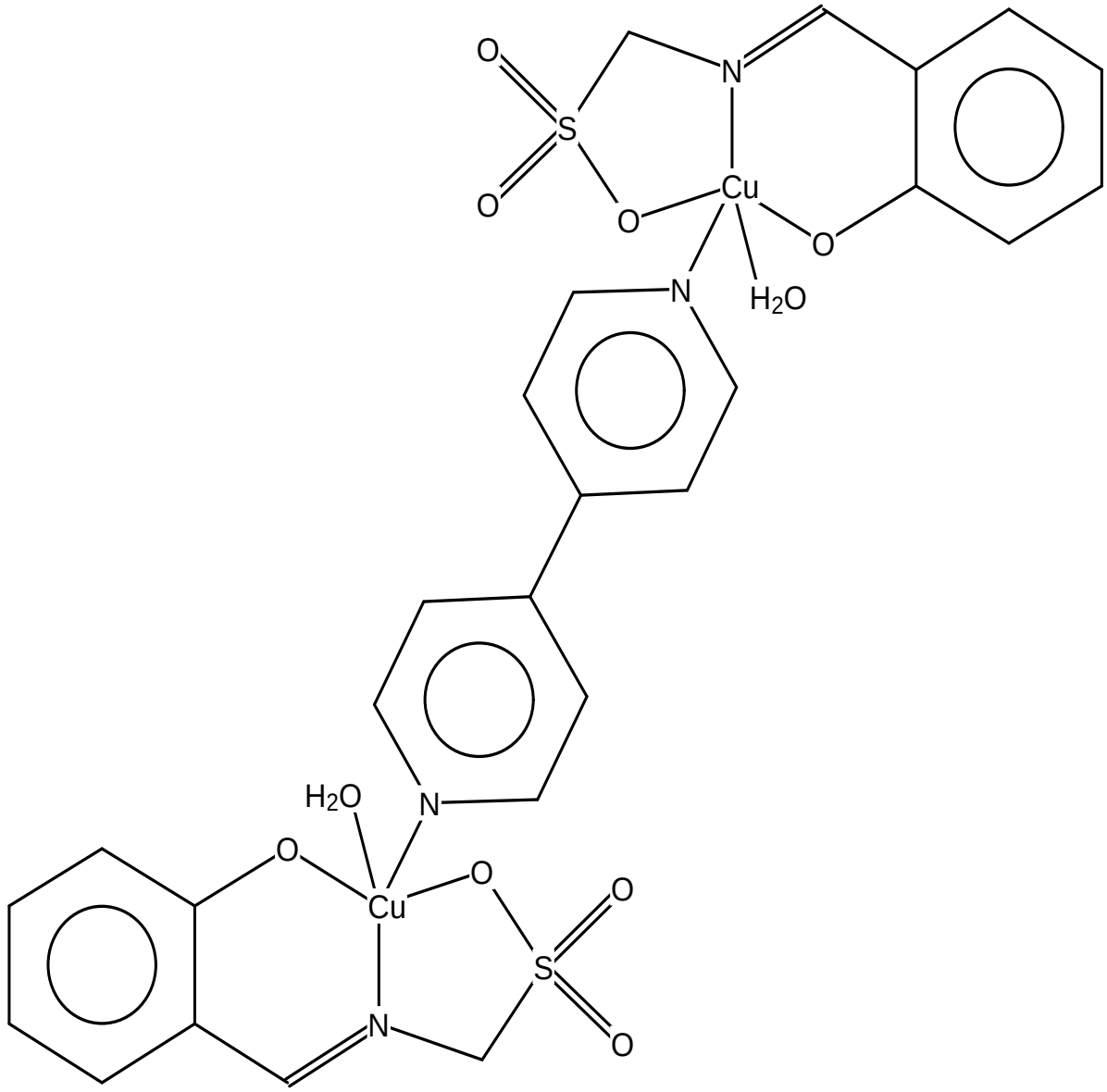
Reference: Cheng-Xiang Cai, Kun-Huan He, Yi-Min Jiang (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**1275

Formula: $C_{26}\ H_{26}\ Cu_2\ N_4\ O_{10}\ S_2,2(H_2\ O_1)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-diaqua-bis(N-(2-oxybenzylidene) aminomethanesulfonato)-di-copper(ii) dihydrate

Space Group:	P21/n	***Cell:***	***a***	10.953(1)	***b*** 8.341(1)	***c***	16.714(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 101.88(0)	γ	90.00

R-Factor (%): 3.57 ***Temperature(K):*** 291 ***Density(g/cm^3):*** 1.737



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3145

SULDUZ

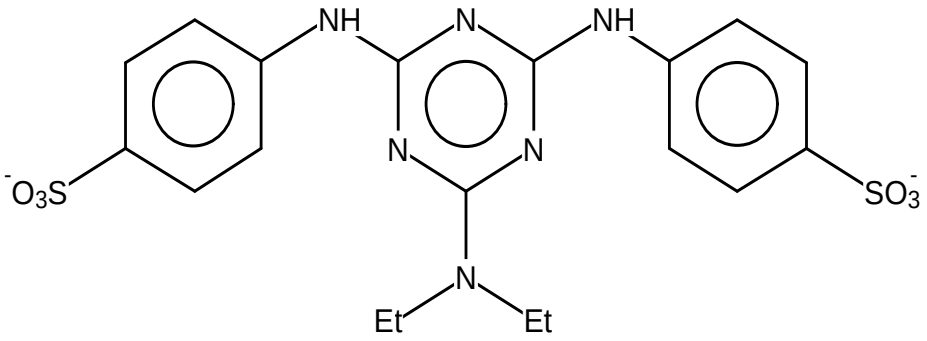
Reference: Yun-Fang Yu, Yong-Qin Wei, Ke-Chen Wu (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**1519

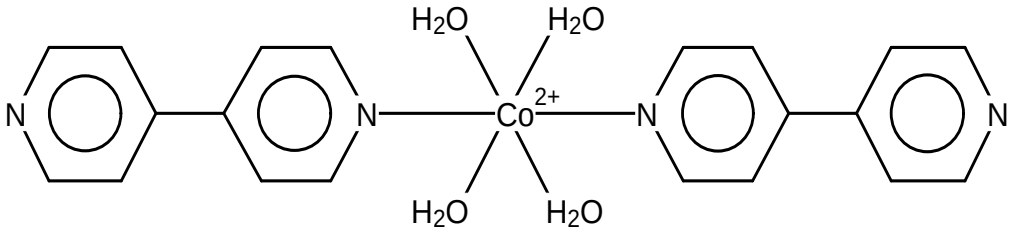
Formula: $C_{19}\,H_{20}\,N_6\,O_6\,S_2\,^{2-}$,$C_{20}\,H_{24}\,Co_1\,N_4\,O_4\,^{2+}$,$C_{10}\,H_8\,N_2$

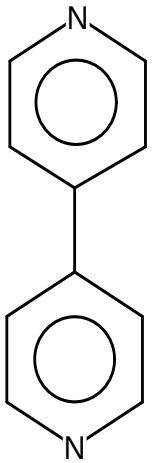
Compound Name: Tetraaqua-bis(4,4'-bipyridine)-cobalt(ii) 4,4'-((6-(diethylamino)-1,3,5-triazine-2,4-diyl)diimino)dibenzenesulfonate 4,4'-bipyridine

Space Group:	C2/c	***Cell:***	***a***	18.864(6)	***b*** 14.283(5)	***c***	20.246(7)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.80(0)	γ	90.00

R-Factor (%): 6.65 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.397







This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3146

SULFAH

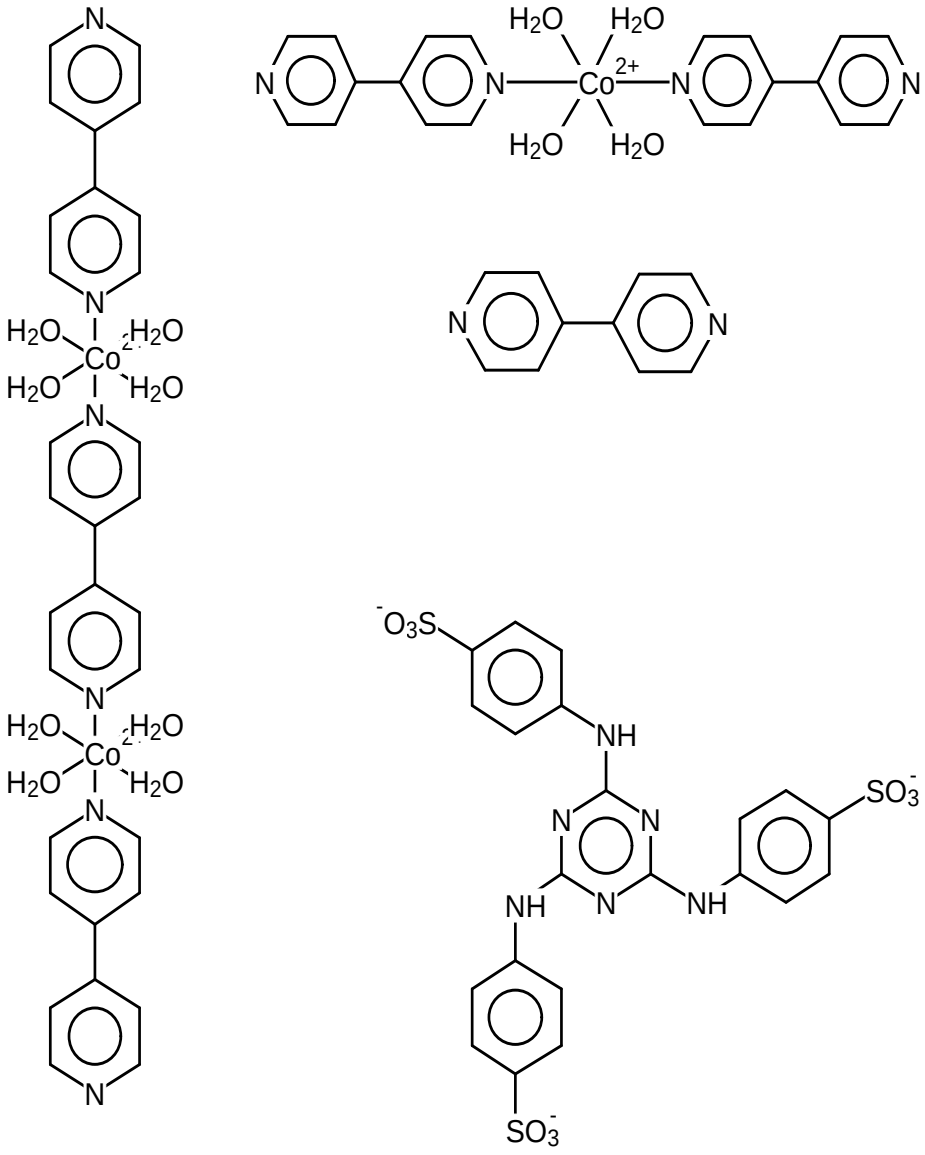
Reference: Yun-Fang Yu, Yong-Qin Wei, Ke-Chen Wu (2009)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**28,**1519

Formula: $C_{30}\ H_{40}\ Co_2\ N_6\ O_8\ ^{4+}$,2($C_{21}\ H_{15}\ N_6\ O_9\ S_3\ ^{3-}$),$C_{20}\ H_{24}\ Co_1\ N_4\ O_4\ ^{2+}$,2($C_{10}\ H_8\ N_2$),4(H

Compound Name: (μ_2-4,4'-Bipyridine)-octaaqua-bis(4,4'-bipyridine)-di-cobalt(ii) tetraaqua-bis(4,4'-bipyridine)-cobalt(ii) bis(4,4'-bipyridine) bis(4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzenesulfonate) tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	13.599(4)	***b***	18.988(6)	***c*** 22.995(7)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.27(0)	γ 90.00

R-Factor (%): 9.50 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.533



H_2O

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3147

SULGIQ

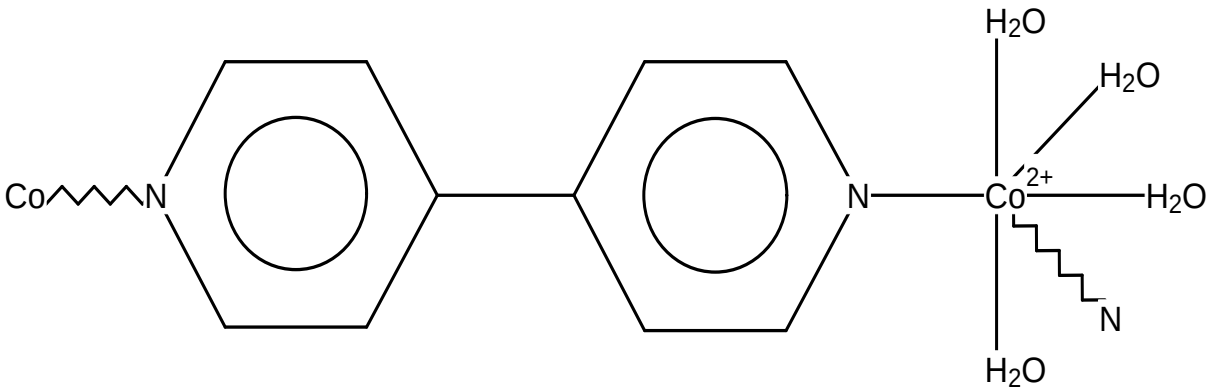
Reference: Shao-Ming Ying, Guang-Pei Zhou, Fan Zhong, Jun-Yue Lin, Xin-Fa Li (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,** 831

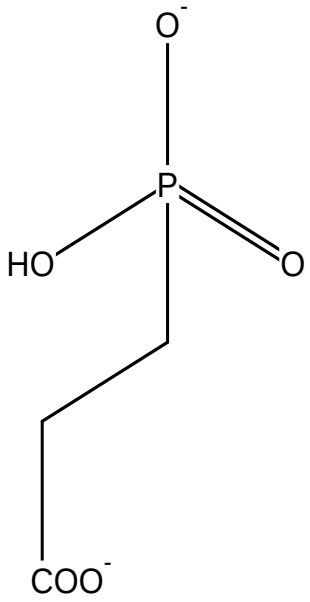
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(C_3\ H_5\ O_5\ P_1\ ^{2-})$

Compound Name: catena-[(μ_2-4,4'-Bipyridine)-tetraaqua-cobalt 3-(hydroxyphosphinato) propanoate]

Space Group:	P6522	***Cell:***	***a***	11.557(1)	***b***	11.557(1)	***c*** 47.911(9)
Space Group No.:	179	***(Å,°)***	α	90.00	β	90.00	γ 120.00

R-Factor (%): 5.00 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.579





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3148

SULKEQ

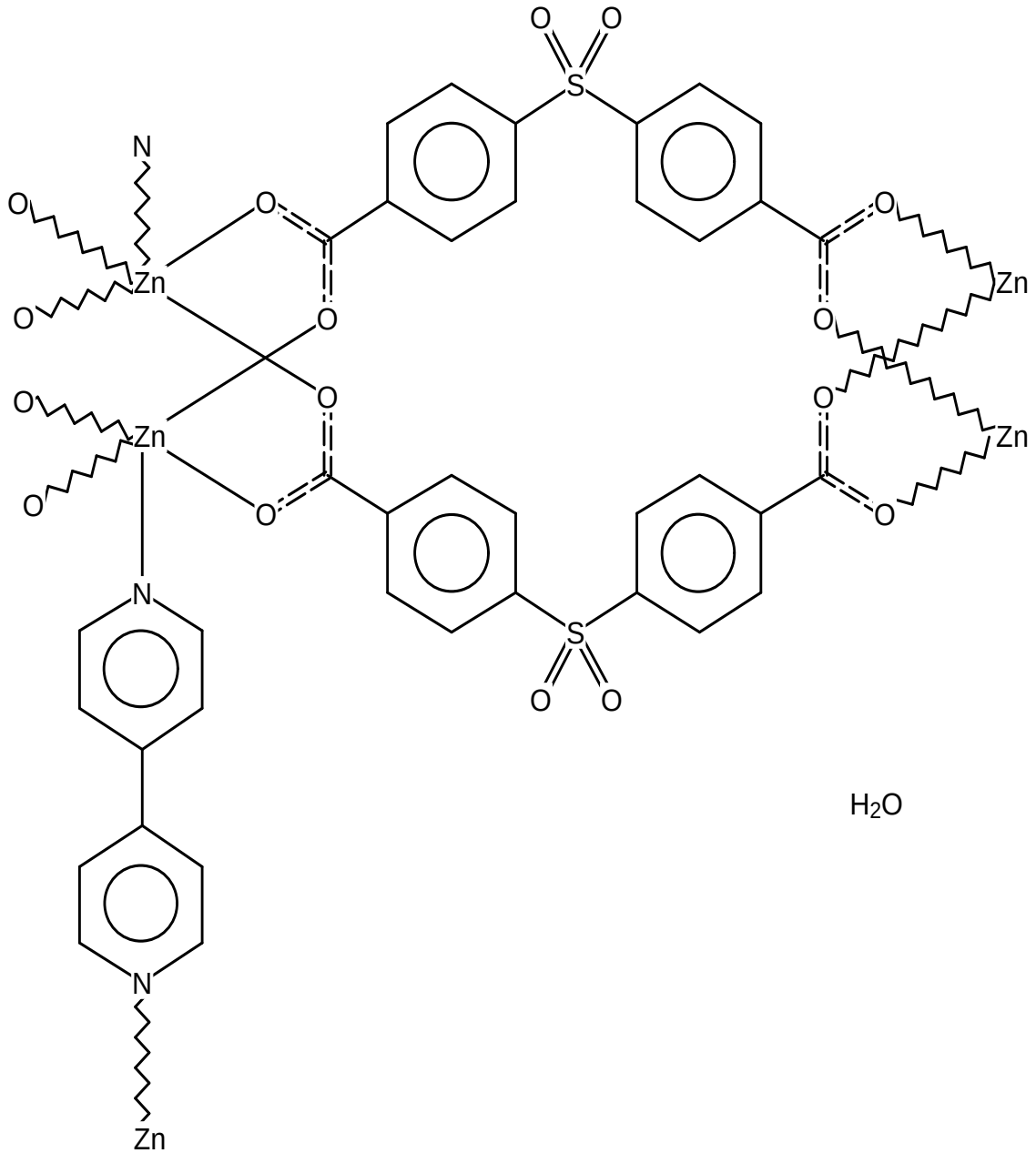
Reference: Ning Li, Lian Chen, Fen-Yan Lian, Fei-Long Jiang, Mao-Chun Hong (2009) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**28,**1417

Formula: $(C_{38}\ H_{24}\ N_2\ O_{12}\ S_2\ Zn_2)n,2n(H_2\ O_1)$

Compound Name: catena-[bis(μ_4-4,4'-Sulfonyldibenzoato-O,O',O'',O''')-(μ_2-4,4'-bipyridine-N,N')-di-zinc(ii) dihydrate]

Space Group:	Cmcm	***Cell:***	***a***	12.705(0)	***b***	13.985(1)	***c***	21.819(1)
Space Group No.:	63	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 9.27 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.596



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3149

SUNDOV

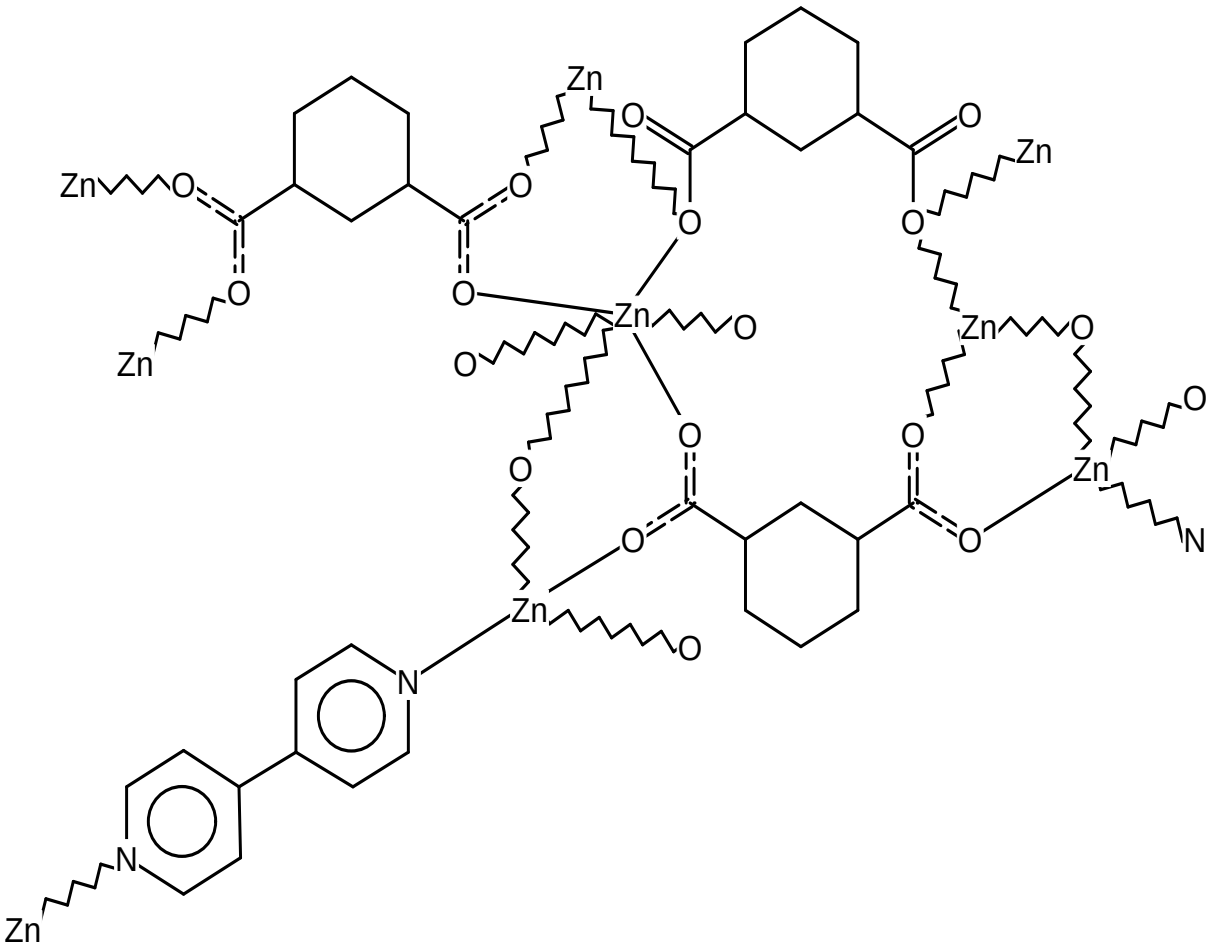
Reference: H.S.S.R.Matte, S.K.Swain, A.Thirumurugan, C.N.R.Rao (2009) *Z.Anorg.Allg.Chem.* ,**635,**1840

Formula: $(C_{34}\ H_{38}\ N_2\ O_{12}\ Zn_3)n$

Compound Name: catena-(tris(μ_4-Cyclohexane-1,3-dicarboxylato)-(μ_2-4,4'-bipyridine)-tri-zinc(ii))

Space Group:	Cmca	***Cell:***	***a***	18.023(1)	***b***	21.502(1)	***c***	17.180(0)
Space Group No.:	64	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 16.31 ***Temperature(K):*** 273 ***Density(g/cm^3):*** 1.722



Search: search1 (Thu May 26 10:05:42 2011): Hit 3150

SUYGID

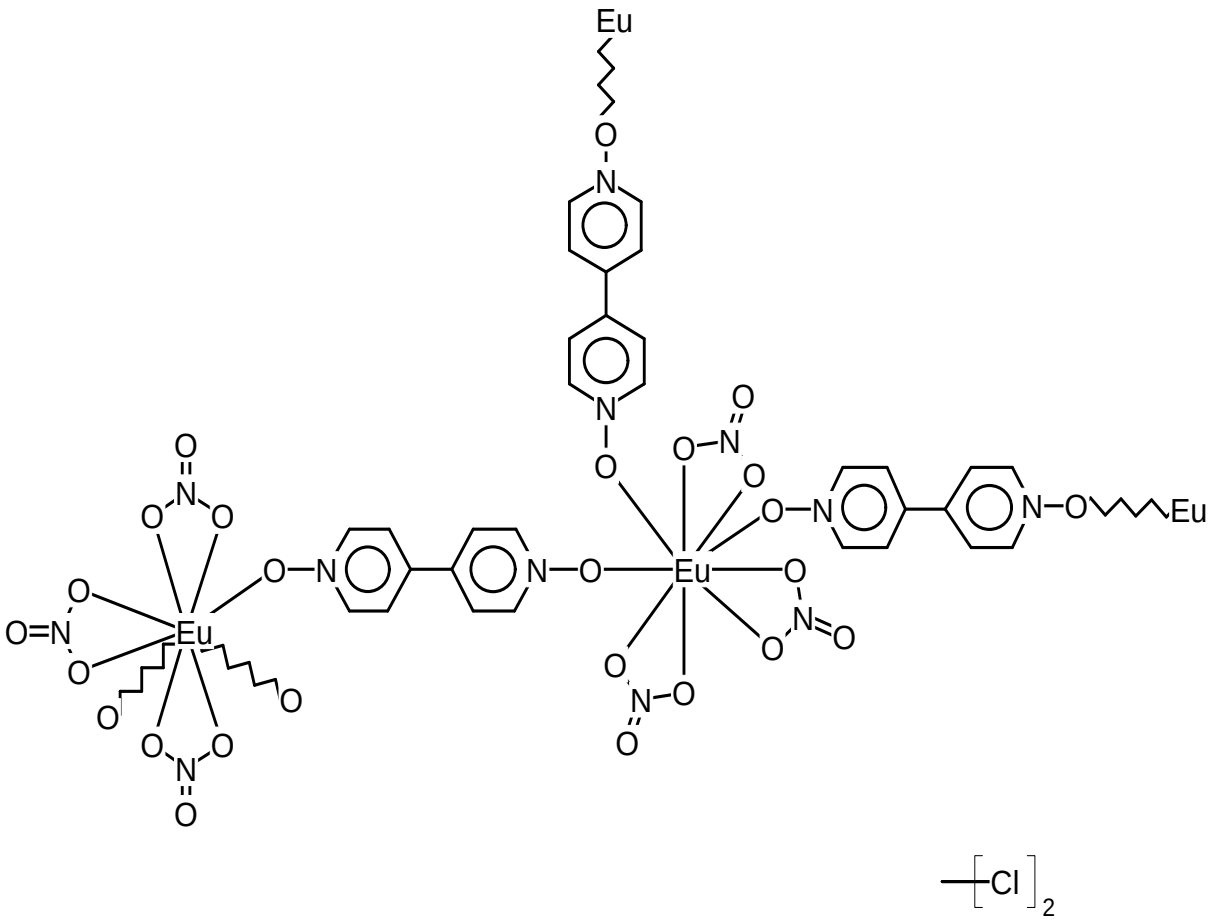
Reference: A.J.Dillner, C.P.Lilly , J.M.Knaust (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m1156

Formula: $(C_{30}\ H_{24}\ Eu_2\ N_{12}\ O_{24})n,2n(C_1\ H_2\ Cl_2)$

Compound Name: catena-[tris(μ_2-4,4'-bipyridine N,N'-dioxide)-hexanitrato-di-europium(iii) dichloromethane solvate]

Space Group:	P-1	***Cell:***	***a*** 7.984(0)	***b*** 11.572(0)	***c*** 13.052(0)
Space Group No.:	2	***(Å,°)***	α 86.01(0)	β 80.26(0)	γ 78.39(0)

R-Factor (%): 1.96 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.013



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3151

SUYGOJ

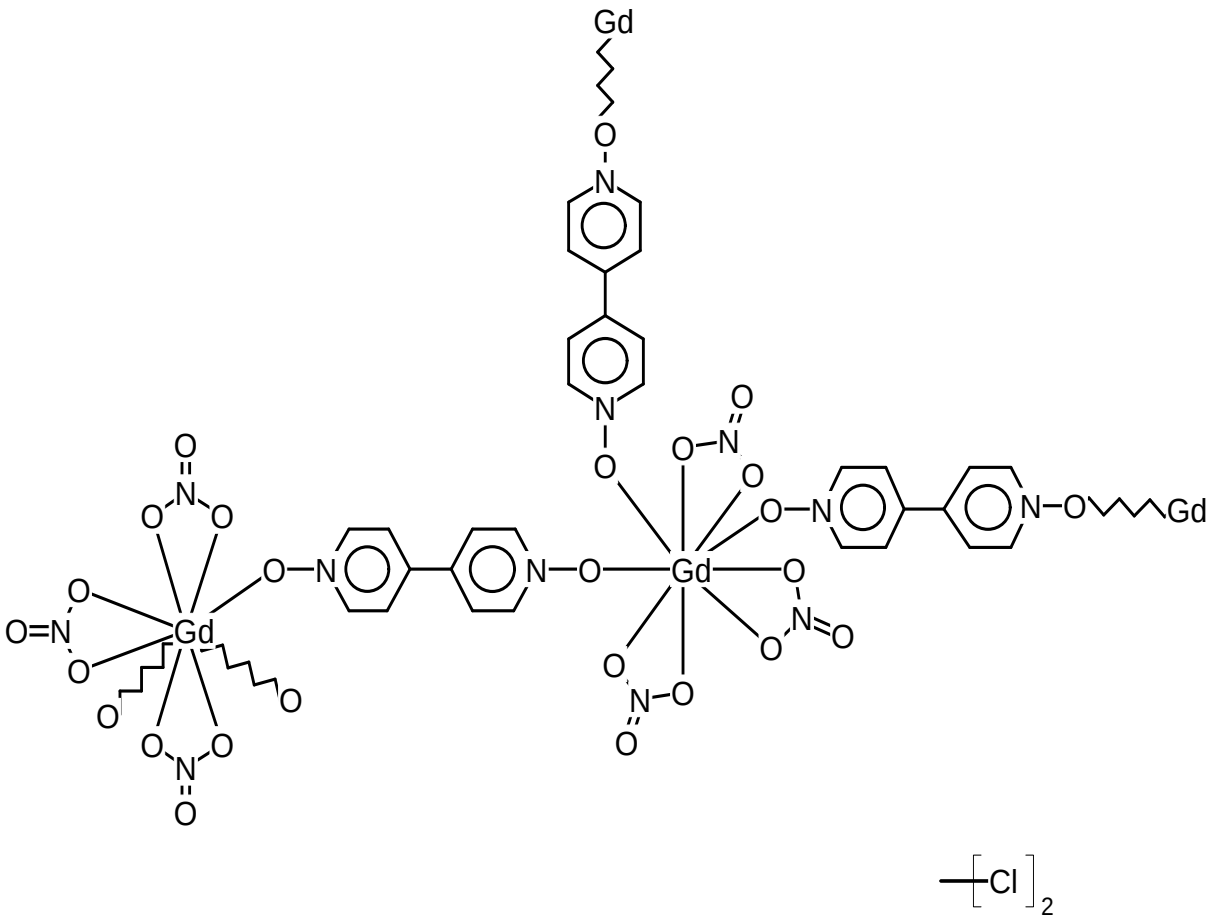
Reference: A.J.Dillner, C.P.Lilly , J.M.Knaust (2010)
Acta Crystallogr.,Sect.E:Struct.Rep.Online ,**66,**m1158

Formula: $(C_{30}\ H_{24}\ Gd_2\ N_{12}\ O_{24})n,2n(C_1\ H_2\ Cl_2)$

Compound Name: catena-[tris(μ_2-4,4'-bipyridine N,N'-dioxide)-hexanitrato-di-gadolinium(iii) dichloromethane solvate]

Space Group:	P-1	***Cell:***	***a***	7.992(0)	***b*** 11.567(0)	***c***	13.035(0)
Space Group No.:	2	***(Å,°)***	α	86.06(0)	β 80.13(0)	γ	78.26(0)

R-Factor (%): 1.96 ***Temperature(K):*** 100 ***Density(g/cm^3):*** 2.031



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3152

VUSHAT

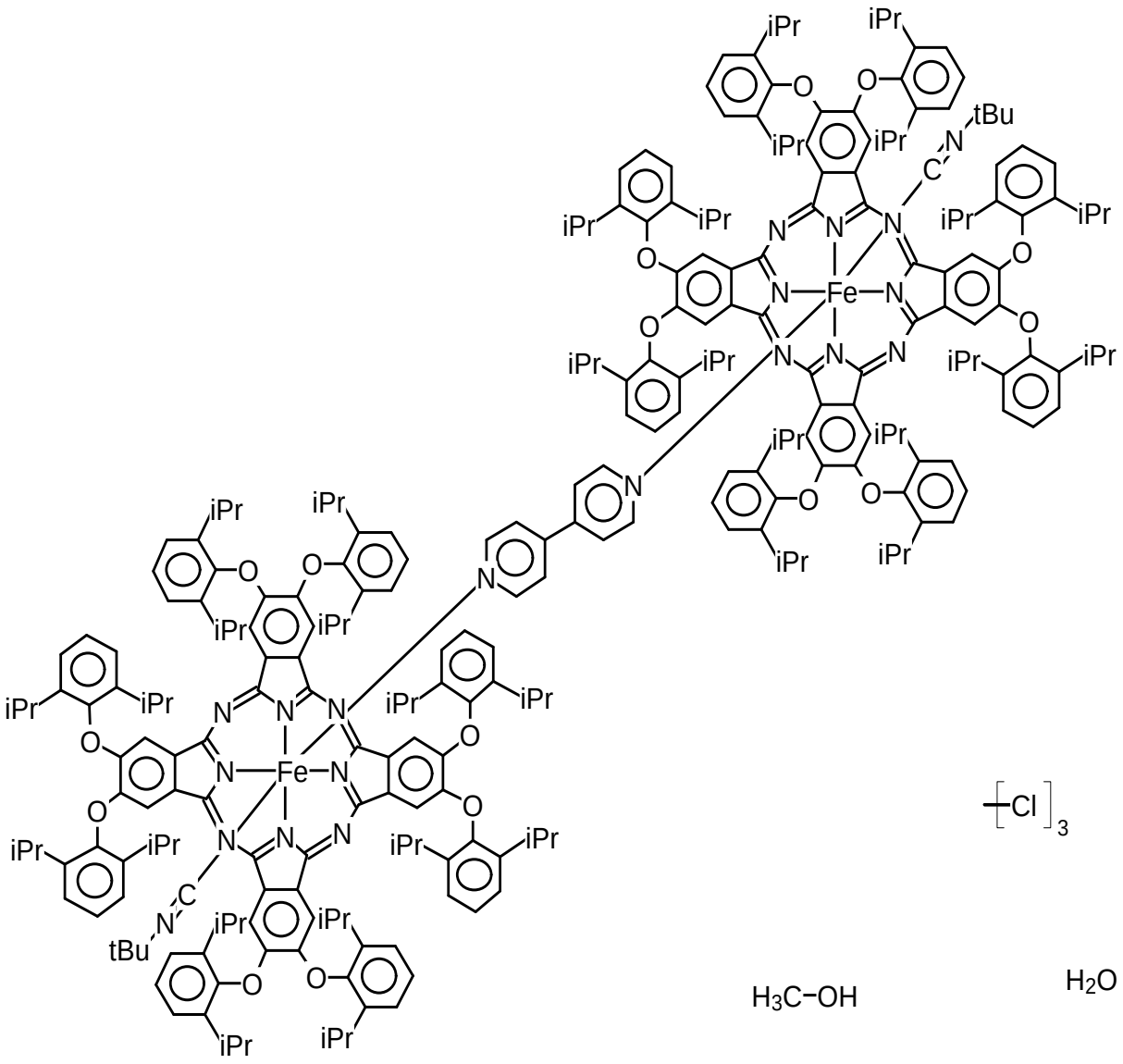
Reference: C.G.Bezzu, M.Helliwell, J.E.Warren, D.R.Allan, N.B.McKeown (2010) *Science* ,**327,**1627

Formula: $C_{276}\ H_{314}\ Fe_2\ N_{20}\ O_{16}$,1.67($C_1\ H_1\ Cl_3$),$C_1\ H_4\ O_1$,1.5($H_2\ O_1$)

Compound Name: bis((μ_2-4,4'-Bipyridine)-(t-butylisocyano)-(2,3,9,10,16,17,23,24-octakis(2',6'-di-isopropylphenoxy)-phthalocyanine))-di-iron chloroform methanol solvate sesquihydrate

Space Group:	Pn-3n	***Cell:***	***a***	37.859(0)	***b***	37.859(0)	***c***	37.859(0)
Space Group No.:	222	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 11.18 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 0.833



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3153

VUSHOH

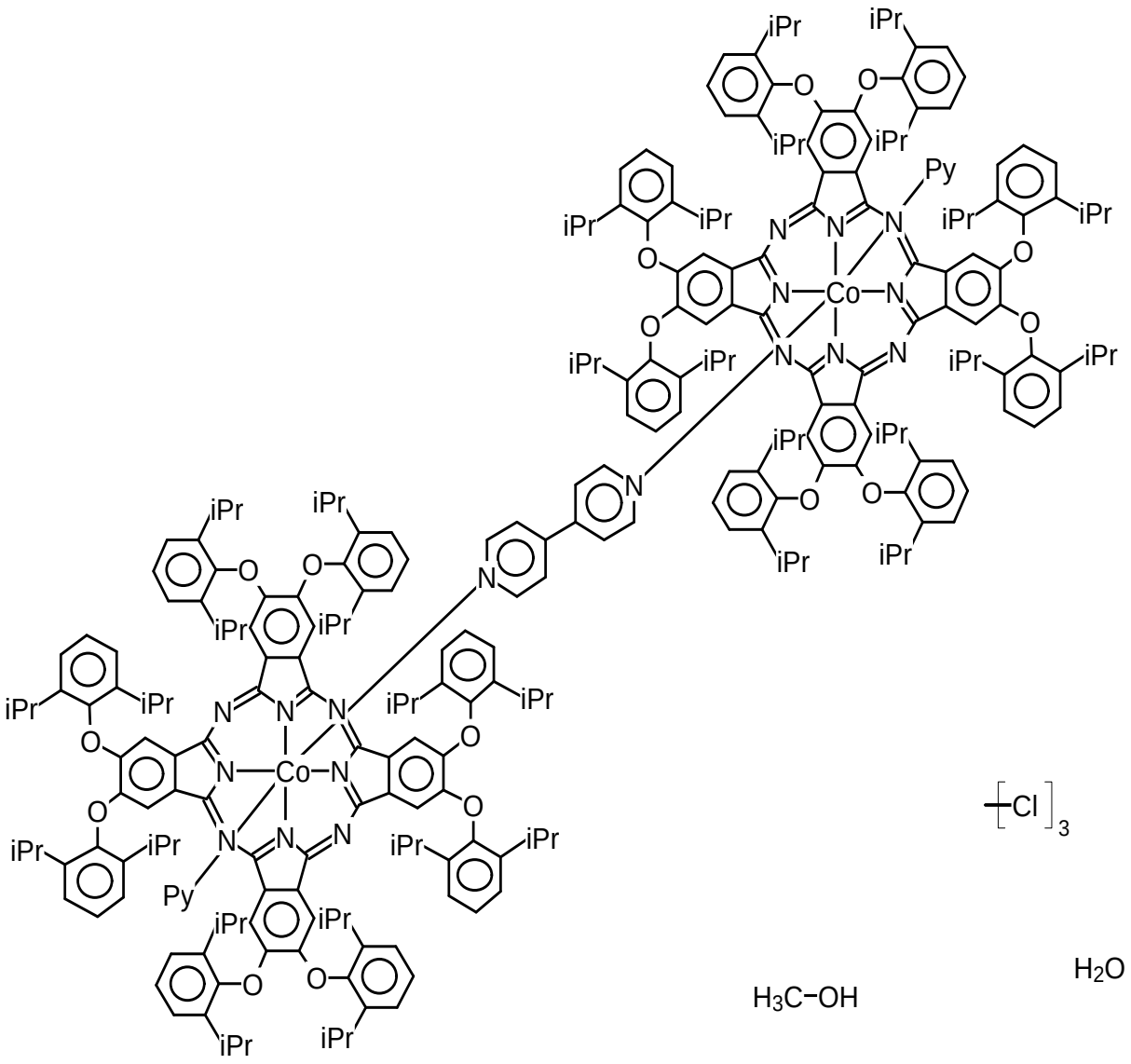
Reference: C.G.Bezzu, M.Helliwell, J.E.Warren, D.R.Allan, N.B.McKeown (2010) *Science* ,**327,**1627

Formula: $C_{276}\ H_{306}\ Co_2\ N_{20}\ O_{16}$,1.5($C_1\ H_1\ Cl_3$),$C_1\ H_4\ O_1$,0.17($H_2\ O_1$)

Compound Name: bis((μ_2-4,4'-Bipyridine)-(pyridine)-(2,3,9,10,16,17,23,24-octakis(2',6'-di-isopropylphenoxy)-phthalocyanine))-di-cobalt chloroform methanol solvate hydrate

Space Group:	Pn-3n	***Cell:***	***a***	37.647(3)	***b***	37.647(3)	***c***	37.647(3)
Space Group No.:	222	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 10.51 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 0.839



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3154

VUSHUN

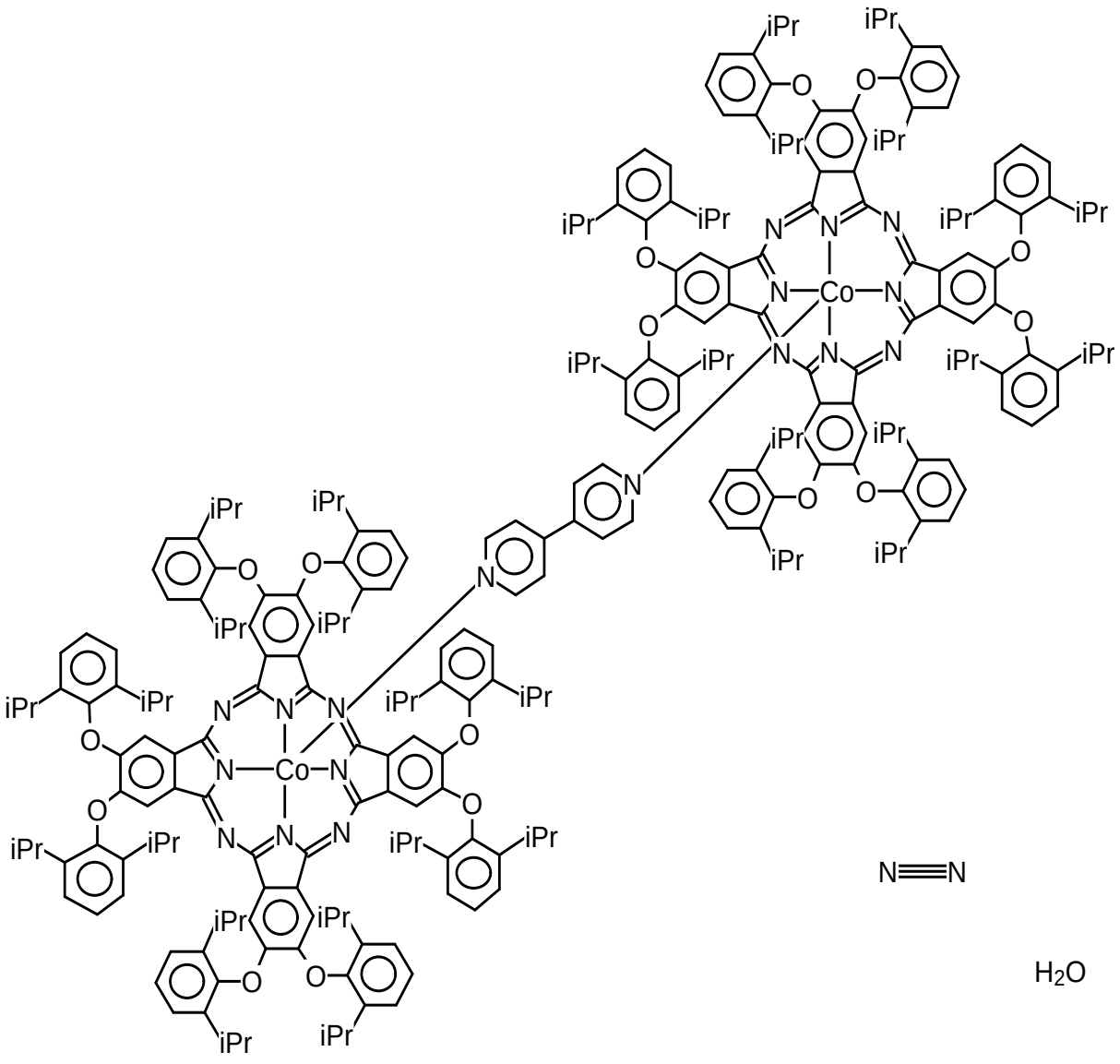
Reference: C.G.Bezzu, M.Helliwell, J.E.Warren, D.R.Allan, N.B.McKeown (2010) *Science ,***327,**1627

Formula: $C_{266}\ H_{296}\ Co_2\ N_{18}\ O_{16}$,5.83($N_2$),4($H_2\ O_1$)

Compound Name: bis((μ_2-4,4'-Bipyridine)-(2,3,9,10,16,17,23,24-octakis(2',6'-di-isopropylphenoxy)phthalocyanine))-di-cobalt nitrogen solvate tetrahydrate

Space Group:	Pn-3n	***Cell:***	***a***	37.698(14)	***b***	37.698(14)	***c***	37.698(14)
Space Group No.:	222	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 12.43 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 0.810



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3155

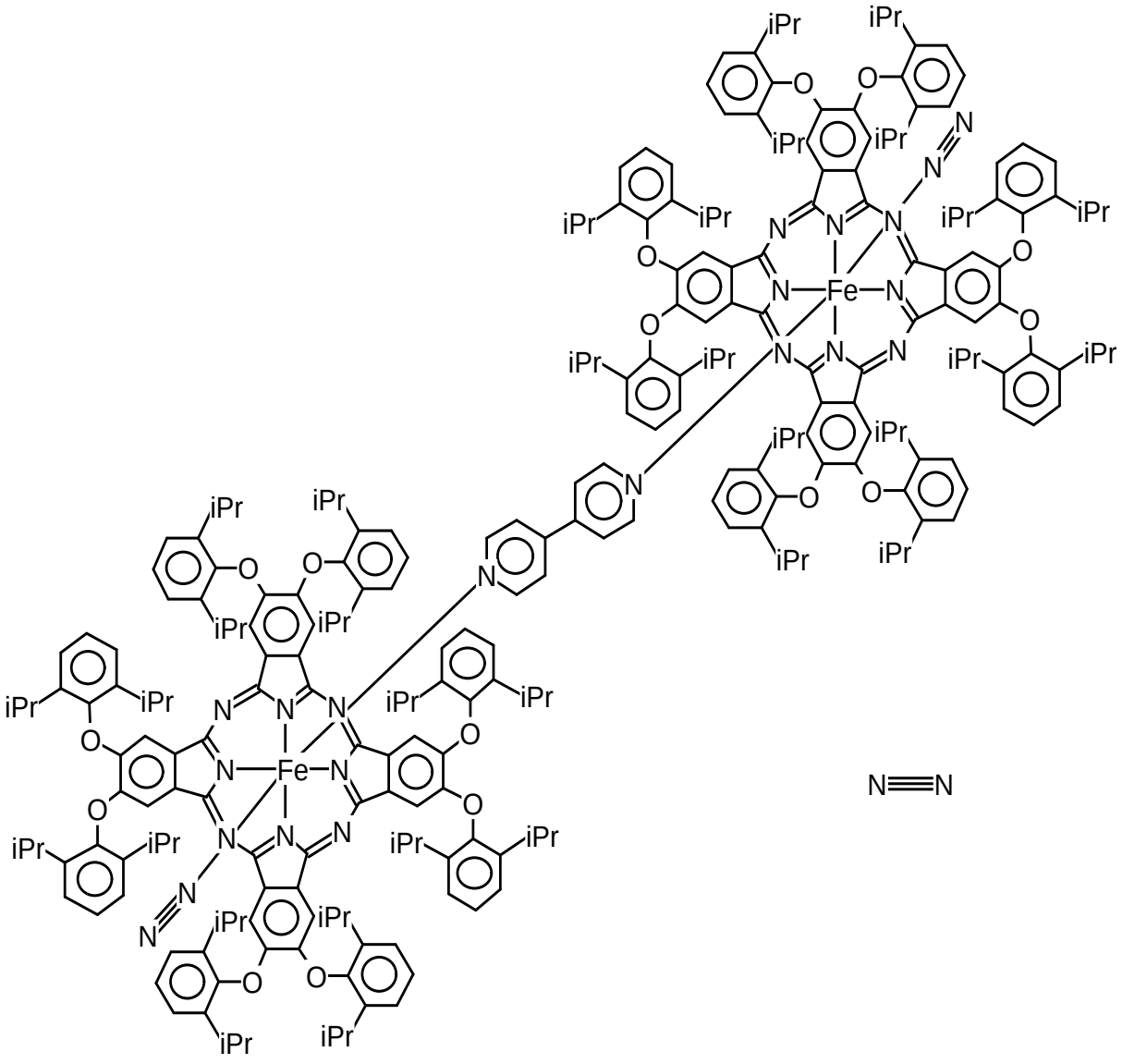
VUSJAV

Reference: C.G.Bezzu, M.Helliwell, J.E.Warren, D.R.Allan, N.B.McKeown (2010) *Science* ,**327,**1627

Formula: $C_{266}\ H_{296}\ Fe_2\ N_{22}\ O_{16}$,2.5($N_2$)

Compound Name: bis((μ_2-4,4'-Bipyridine)-(dinitrogen)-(2,3,9,10,16,17,23,24-octakis(2',6'-di-isopropylphenoxy)phthalocyanine))-di-iron nitrogen solvate

Space Group:	Pn-3n	***Cell:***	***a***	37.603(9)	***b***	37.603(9)	***c***	37.603(9)
Space Group No.:	222	***(Å,°)***	α	90.00	β	90.00	γ	90.00
R-Factor (%):	16.11	***Temperature(K):***	150		***Density(g/cm^3):***	0.794		



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3156

XUQFAR

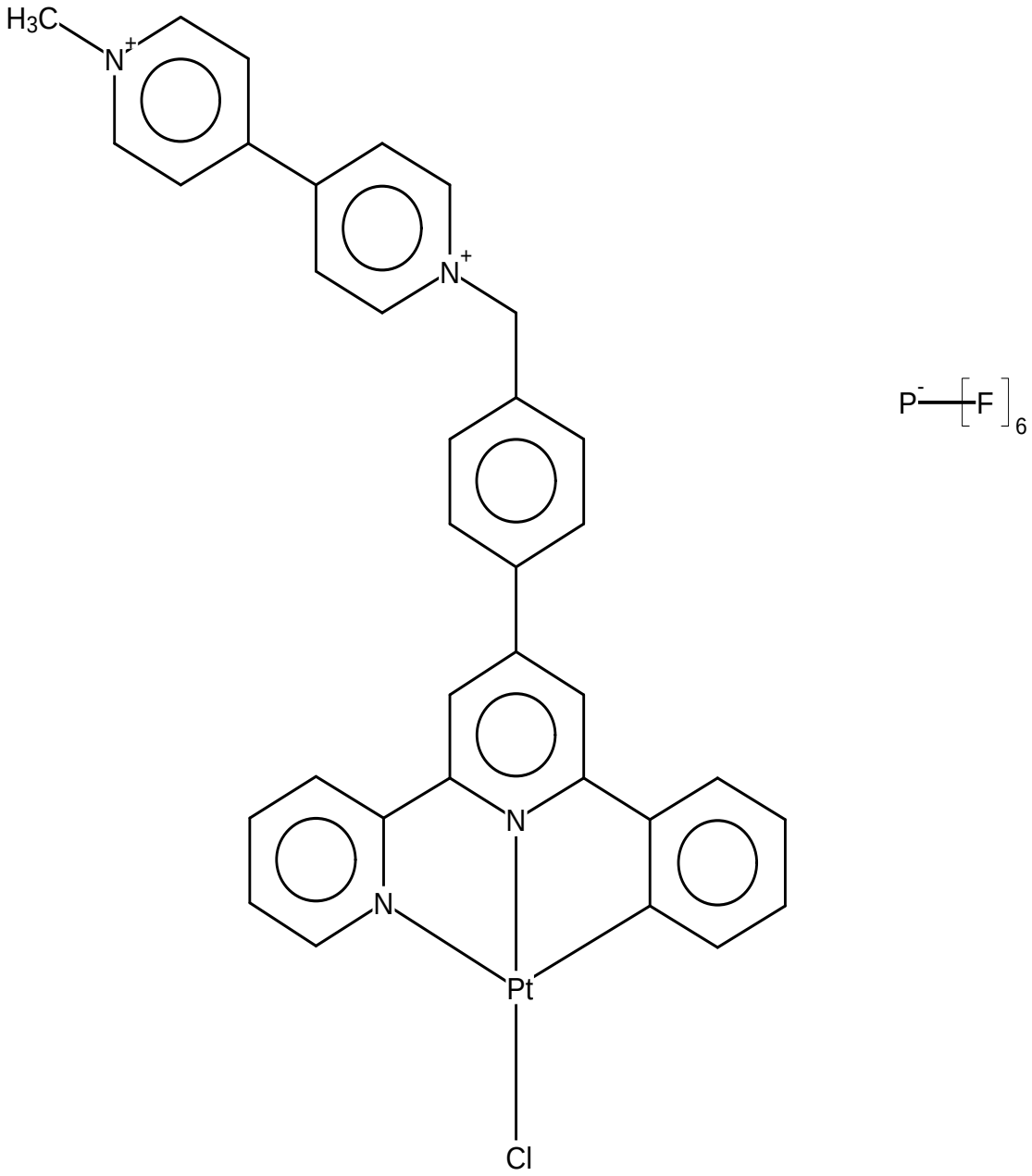
Reference: Siu-Wai Lai, Yong Chen, Wai-Ming Kwok, Xi-Juan Zhao, Wai-Ping To, Wen-Fu Fu, Chi-Ming Che (2010) *Chem.Asian J.* ,**5,**60

Formula: $C_{34}\ H_{27}\ Cl_1\ N_4\ Pt_1\ ^{2+},2(F_6\ P_1\ ^{1-})$

Compound Name: Chloro-(4-(p-(1-methyl-4,4'-bipyridinium-1'-yl)methylphenyl)-6-phenyl-2, 2'-bipyridine)-platinum(ii) bis(hexafluorophosphate)

Space Group:	P21/c	***Cell:***	***a***	22.701(3)	***b*** 8.542(2)	***c***	19.921(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 103.11(0)	γ	90.00

R-Factor (%): 6.63 ***Temperature(K):*** 298 ***Density(g/cm^3):*** 1.787



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3157

XUXMUZ

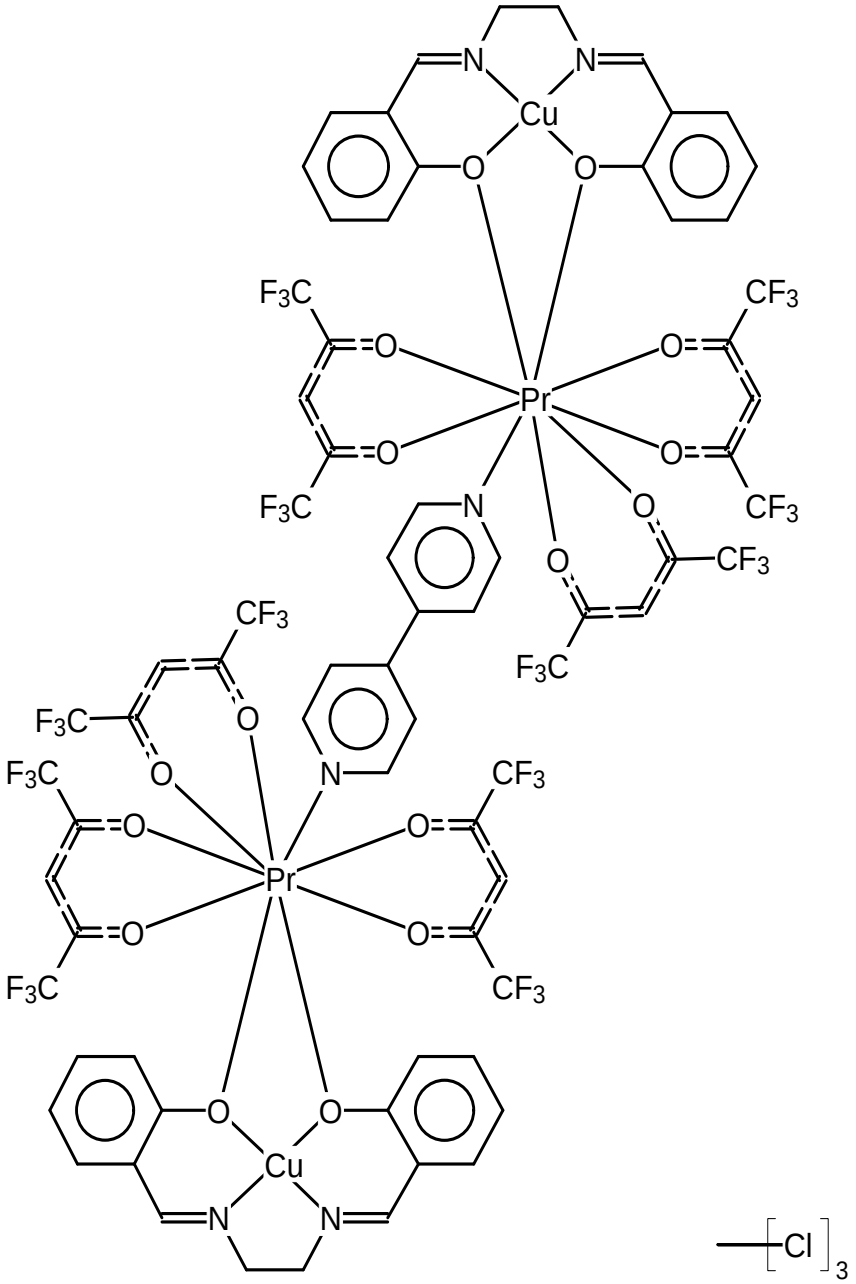
Reference: F.Pointillart, K.Bernot (2010) *Eur.J.Inorg.Chem.* ,952

Formula: $C_{72}\ H_{42}\ Cu_2\ F_{36}\ N_6\ O_{16}\ Pr_2,2(C_1\ H_1\ Cl_3)$

Compound Name: (μ_2-4,4'-Bipyridine-N,N')-bis(μ_2-N,N'-(ethane-1,2-diyl) bis(salicylidenamine))-hexakis(1,1,1,5,5,5-hexafluoroacetylacetonato-O, O')-di-copper(ii)-di-praseodymium(iii) chloroform solvate

Space Group:	P-1	***Cell:***	***a***	11.176(0)	***b***	12.280(0)	***c***	17.278(0)
Space Group No.:	2	***(Å,°)***	α	99.27(0)	β	95.50(0)	γ	91.84(0)

R-Factor (%): 5.44 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.840



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3158

YUSHUQ

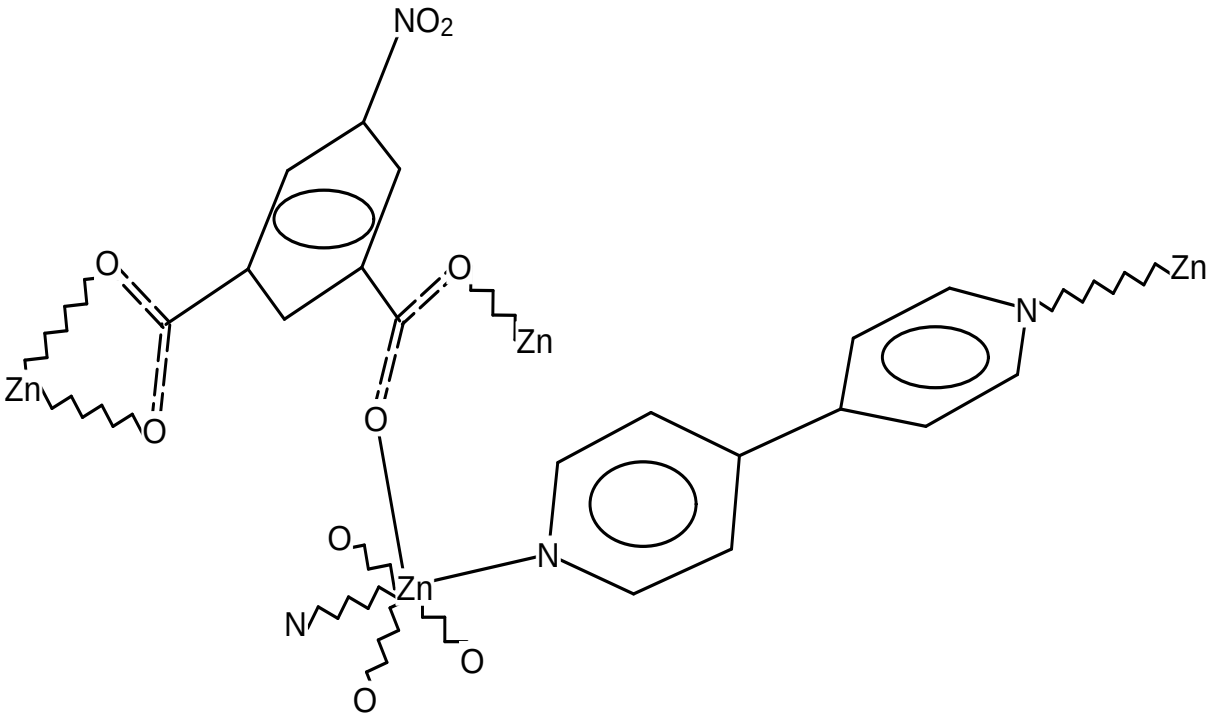
Reference: T.Fukushima, S.Horike, Y.Inubushi, K.Nakagawa, Y.Kubota, M.Takata, S.Kitagawa (2010) *Angew.Chem.,Int.Ed. ,***49,**4820

Formula: $(C_{18}\ H_{11}\ N_3\ O_6\ Zn_1)n$

Compound Name: catena((μ_3-5-nitroisophthalato)-(μ_2-4,4'-bipyridyl)-zinc)

Space Group:	P-1	***Cell:***	***a*** 7.738	***b*** 10.079	***c*** 11.353
Space Group No.:	2	***(Å,°)***	α 107.05	β 96.53	γ 96.94

R-Factor (%): 4.04 ***Temperature(K):*** 170 ***Density(g/cm^3):*** 1.723



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3159

YUSJAY

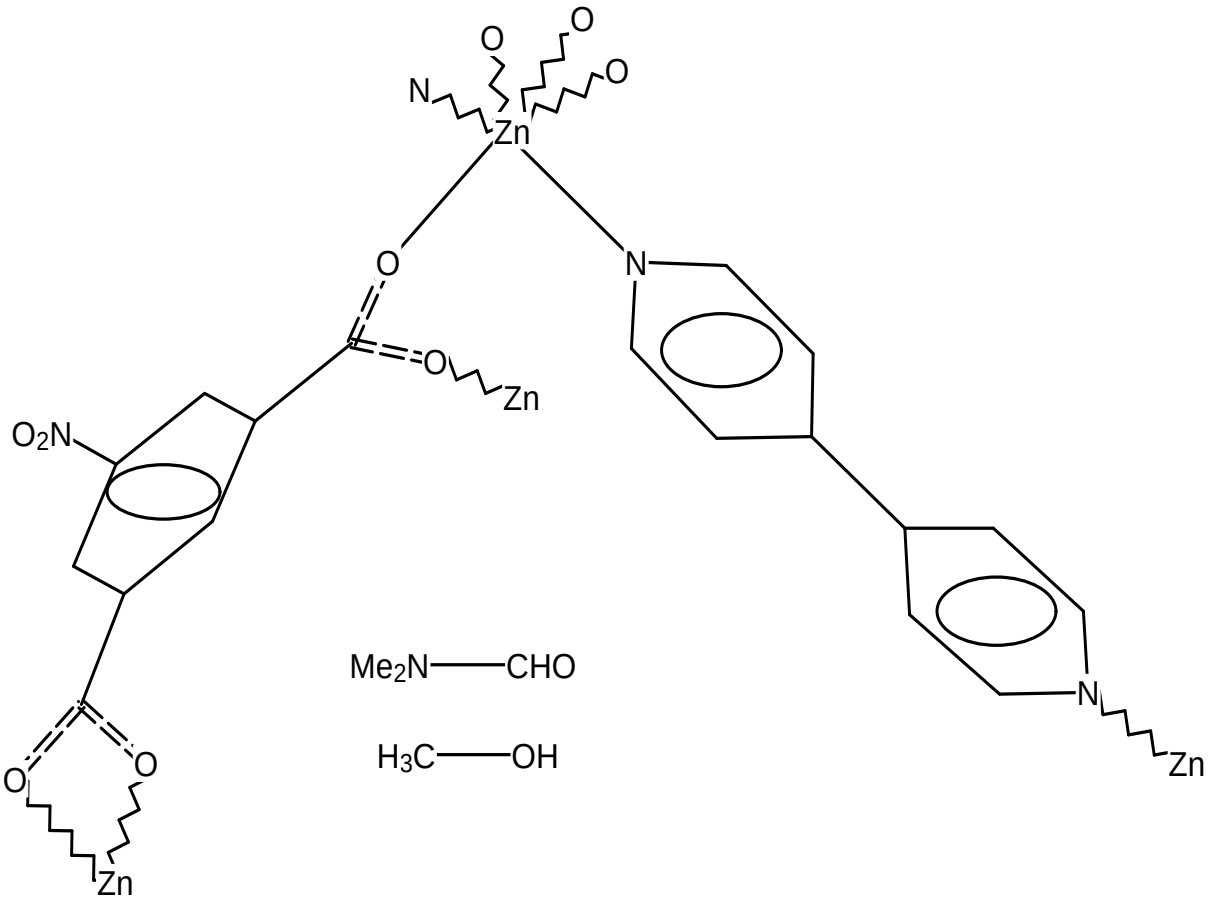
Reference: T.Fukushima, S.Horike, Y.Inubushi, K.Nakagawa, Y.Kubota, M.Takata, S.Kitagawa (2010) *Angew.Chem.,Int.Ed. ,***49,**4820

Formula: $(C_{18}\ H_{11}\ N_3\ O_6\ Zn_1)n,0.5n(C_3\ H_7\ N_1\ O_1),0.5n(C_1\ H_4\ O_1)$

Compound Name: catena((μ_3-5-nitroisophthalato)-(μ_2-4,4'-bipyridyl)-zinc hemidimethylformamide hemimethanol clathrate)

Space Group:	P-1	***Cell:***	***a***	10.113(0)	***b***	10.350(0)	***c***	10.730(0)
Space Group No.:	2	***(Å,°)***	α	65.20(1)	β	77.28(1)	γ	79.33(1)

R-Factor (%): 5.09 ***Temperature(K):*** 223 ***Density(g/cm^3):*** 1.623



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3160

YUSJEC

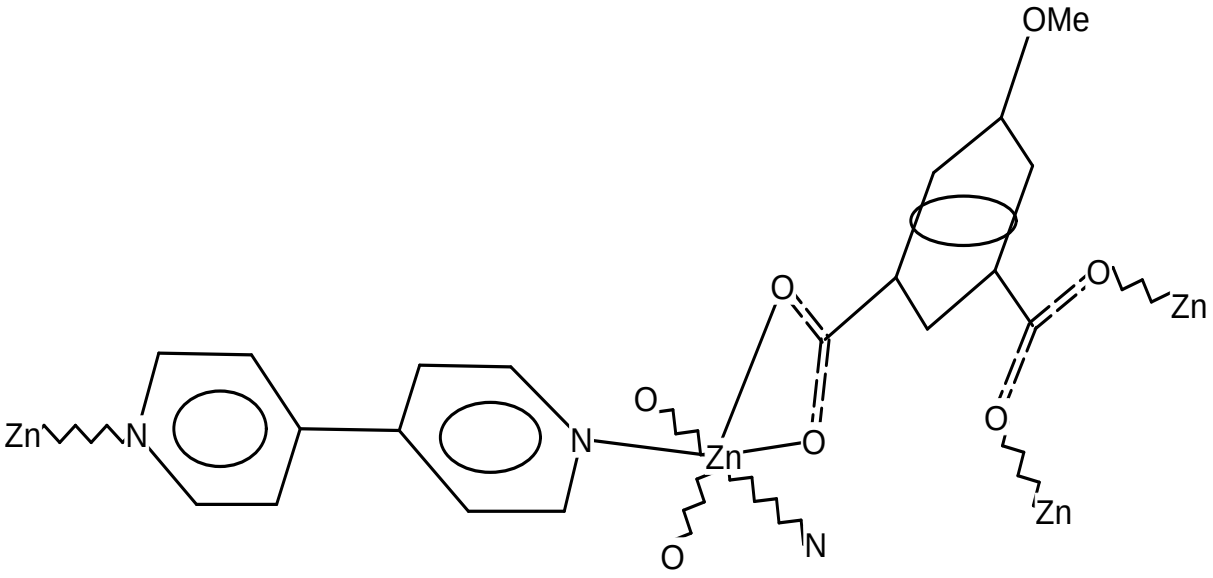
Reference: T.Fukushima, S.Horike, Y.Inubushi, K.Nakagawa, Y.Kubota, M.Takata, S.Kitagawa (2010) *Angew.Chem.,Int.Ed. ,***49,**4820

Formula: $(C_{19}\ H_{14}\ N_2\ O_5\ Zn_1)n$

Compound Name: catena((μ_3-5-methoxyisophthalato)-(μ_2-4,4'-bipyridyl)-zinc)

Space Group:	P-1	***Cell:***	***a***	9.936(2)	***b***	10.078(2)	***c***	10.757(2)
Space Group No.:	2	***(Å,°)***	α	74.86(1)	β	66.64(1)	γ	75.83(1)

R-Factor (%): 6.89 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.465



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3161

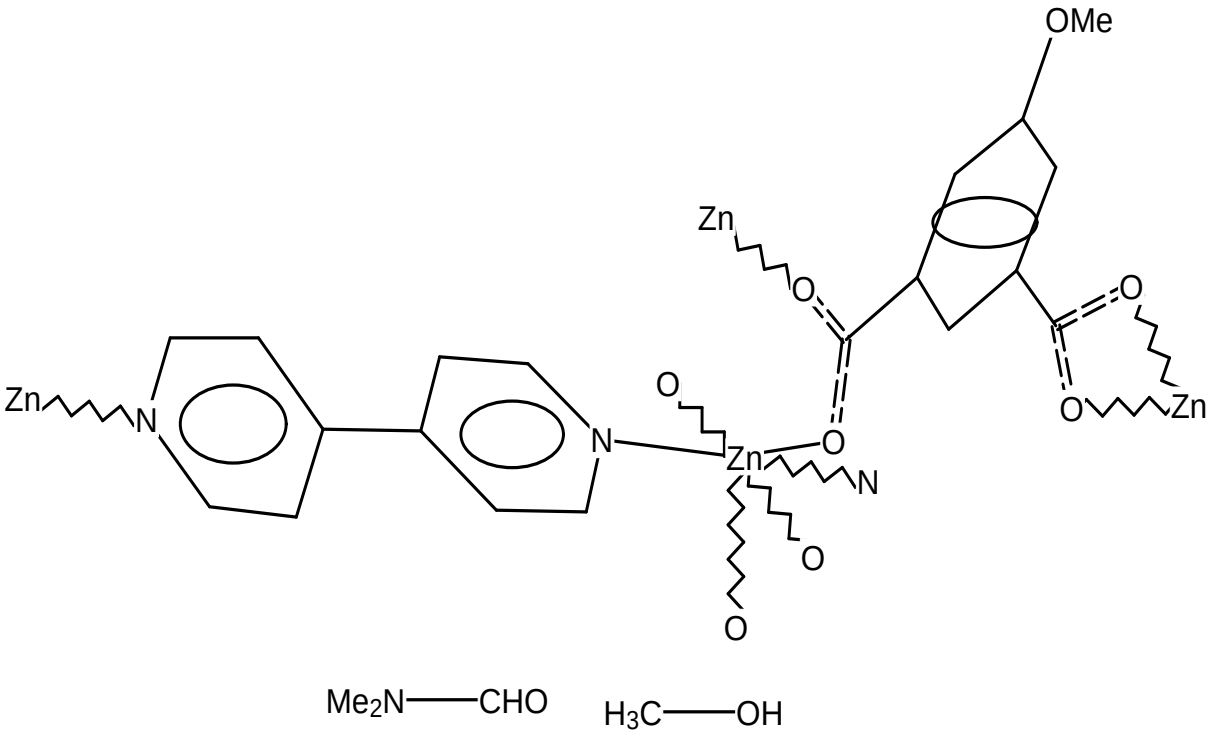
YUSJIG

Reference: T.Fukushima, S.Horike, Y.Inubushi, K.Nakagawa, Y.Kubota, M.Takata, S.Kitagawa (2010) *Angew.Chem.,Int.Ed. ,***49,**4820

Formula: $(C_{19}\ H_{14}\ N_2\ O_5\ Zn_1)n,0.5n(C_3\ H_7\ N_1\ O_1),0.5n(C_1\ H_4\ O_1)$

Compound Name: catena((μ_3-5-methoxyisophthalato)-(μ_2-4,4'-bipyridyl)-zinc hemidimethylformamide hemimethanol clathrate)

Space Group:	P-1	***Cell:***	***a***	10.073(0)	***b***	10.202(0)	***c***	10.526(0)
Space Group No.:	2	***(Å,°)***	α	66.53(2)	β	75.03(2)	γ	77.06(2)
R-Factor (%):	5.02	***Temperature(K):***	223		***Density(g/cm^3):***		1.638	



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3162

YUSJIG01

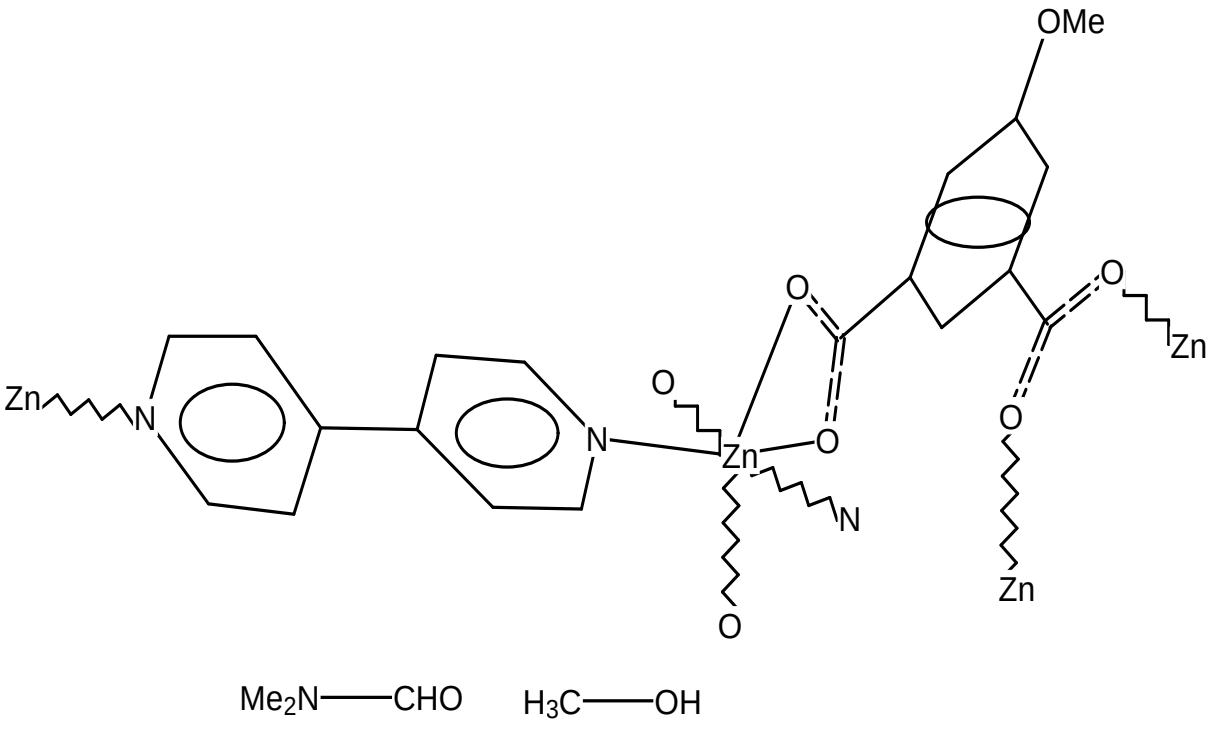
Reference: T.Fukushima, S.Horike, Y.Inubushi, K.Nakagawa, Y.Kubota, M.Takata, S.Kitagawa (2010) *Angew.Chem.,Int.Ed. ,***49,**4820

Formula: $(C_{19}\ H_{14}\ N_2\ O_5\ Zn_1)n,0.5n(C_3\ H_7\ N_1\ O_1),0.5n(C_1\ H_4\ O_1)$

Compound Name: catena((μ3-5-methoxyisophthalato)-(μ2-4,4'-bipyridyl)-zinc hemidimethylformamide hemimethanol clathrate)

Space Group:	P-1	***Cell:***	***a***	10.105(11)	***b***	10.496(9)	***c***	10.583(9)
Space Group No.:	2	***(Å,°)***	α	65.36(5)	β	76.28(5)	γ	76.56(5)

R-Factor (%): 11.01 ***Temperature(K):*** 223 ***Density(g/cm3):*** 1.587



Me_2N——CHO H_3C——OH

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3163

YUSKED

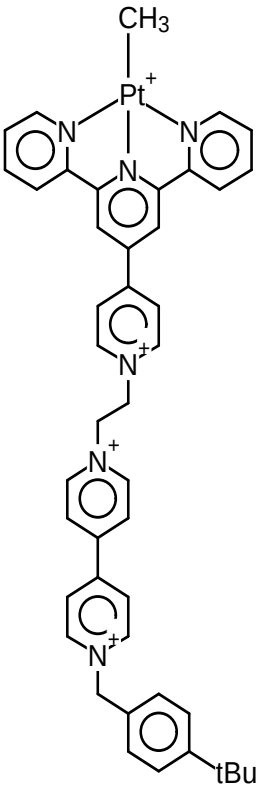
Reference: G.J.E.Davidson, S.Sharma, S.J.Loeb (2010) *Angew.Chem.,Int.Ed. ,***49,**4938

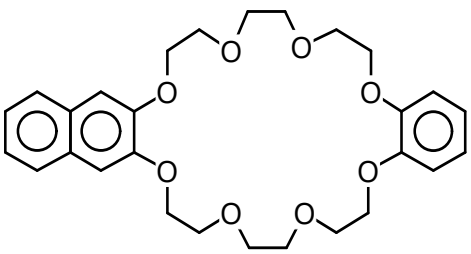
Formula: $C_{44}\ H_{44}\ N_6\ Pt_1\ ^{4+}, C_{28}\ H_{34}\ O_8, 4(C_1\ F_3\ O_3\ S_1\ ^{1-}), 4(H_2\ O_1), 2(C_1\ H_1\ Cl_3)$

Compound Name: (2)-(((1-(4-T-BUTYLBENZYL)-1'-(2-(4-(2,2':6',2''-TERPYRIDIN-4'-yl) pyridinium-1-yl)ethyl)-4,4'-bipyridinium-N,N'',N'')-methyl-platinum(ii))-(2,3-benzo-14,15-naphtho-24-crown-8)) rotaxane tetrakis(trifluoromethanesulfonate) chloroform solvate tetrahydrate

Space Group:	P21/n	***Cell:***	***a***	16.933(3)	***b***	13.034(2)	***c***	41.590(6)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.70(0)	γ	90.00

R-Factor (%): 8.83 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.637





H_2O $F_3C{-}SO_3^-$ $\left[Cl\right]_3$

This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3164

YUSKIH

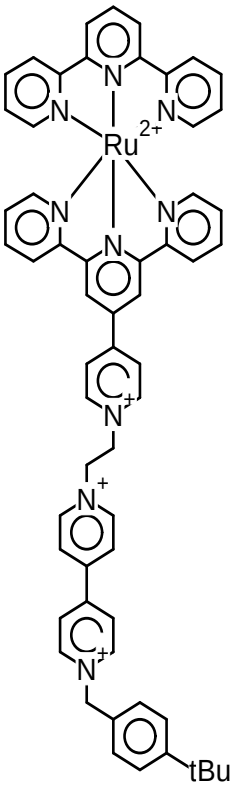
Reference: G.J.E.Davidson, S.Sharma, S.J.Loeb (2010) *Angew.Chem.,Int.Ed. ,***49,**4938

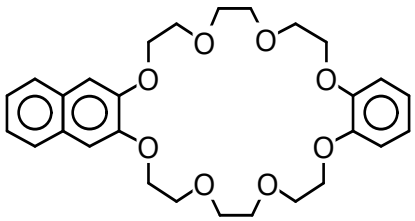
Formula: $C_{58}\ H_{52}\ N_9\ Ru_1\ ^{5+}$,$C_{28}\ H_{34}\ O_8$,2.1($Cl_1\ ^{1-}$),2.9($C_1\ F_3\ O_3\ S_1\ ^{1-}$),6($H_2\ O_1$)

Compound Name: (2)-(((1-(4-T-BUTYLBENZYL)-1'-(2-(4-(2,2':6',2''-TERPYRIDIN-4'-yl) pyridinium-1-yl)ethyl)-4,4'-bipyridinium-N,N'')-(2,2':6',2''-terpyridine-N, N',N'')-ruthenium(iii))-(2,3-benzo-14,15-naphtho-24-crown-8)) rotaxane tris(trifluoromethanesulfonate) dichloride hexahydrate

Space Group:	P-1	***Cell:***	***a*** 21.195(4)	***b*** 22.269(4)	***c*** 27.002(5)
Space Group No.:	2	***(Å,°)***	α 105.75(0)	β 95.20(0)	γ 112.87(0)

R-Factor (%): 12.06 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.259





Cl^- $F_3C\text{-}SO_3^-$ H_2O

Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3165

YUSPOS

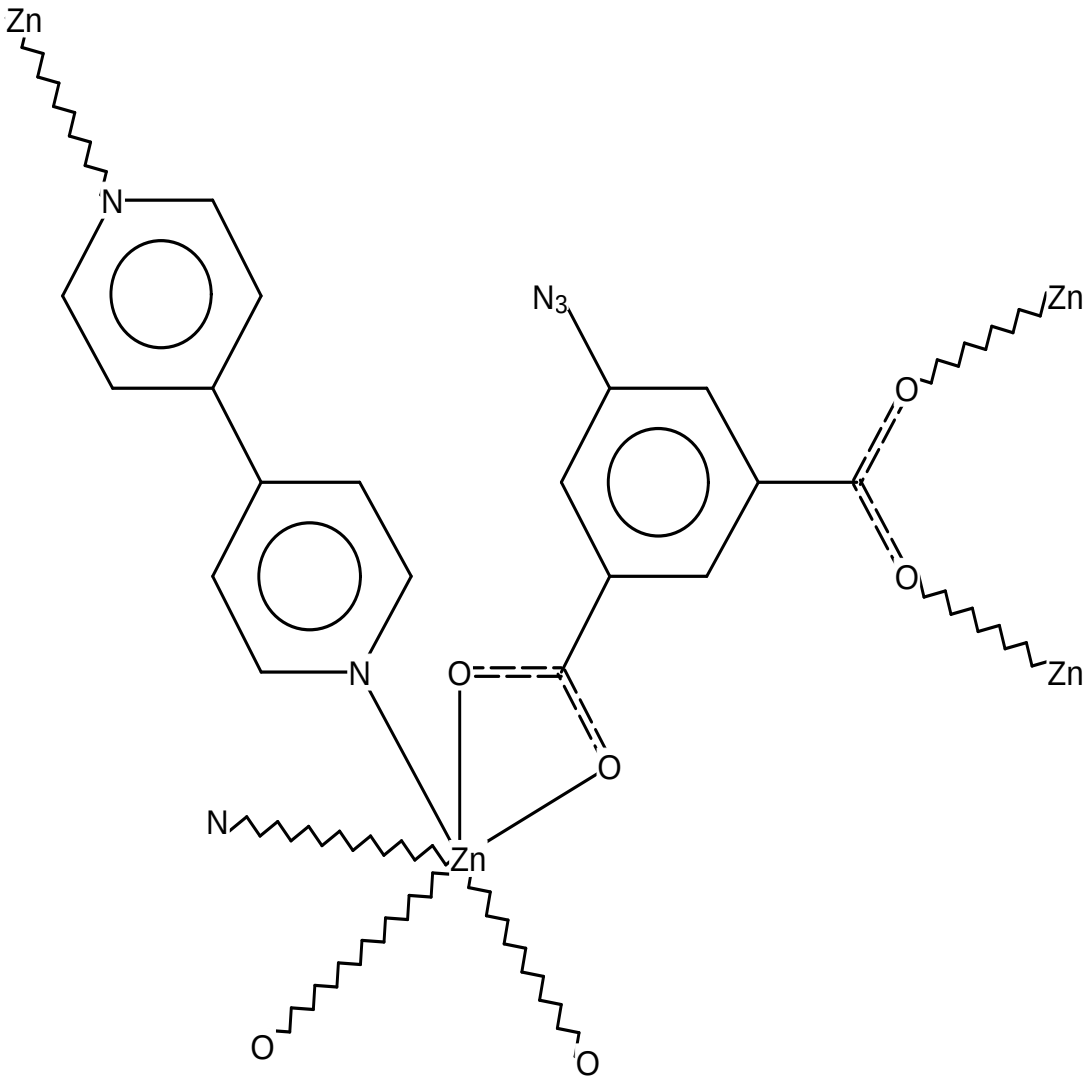
Reference: H.Sato, R.Matsuda, K.Sugimoto, M.Takata, S.Kitagawa (2010) *Nat.Mater* ,**9,**661

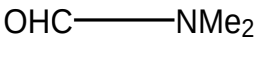
Formula: $(C_{18}\ H_{11}\ N_5\ O_4\ Zn_1)n,0.75n(C_3\ H_7\ N_1\ O_1)$

Compound Name: CATENA-((MU$_3$-5-AZIDOISOPHTHALATO)-(MU$_2$-4,4'-BIPYRIDINE-N,N')-zinc dimethylformamide solvate)

Space Group:	P2/n	***Cell:***	***a***	10.115(3)	***b***	11.369(3)	***c***	34.645(9)
Space Group No.:	13	***(Å,°)***	α	90.00	β	94.05(0)	γ	90.00

R-Factor (%):	5.59	***Temperature(K):***	100	***Density(g/cm^3):***	1.610





This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3166

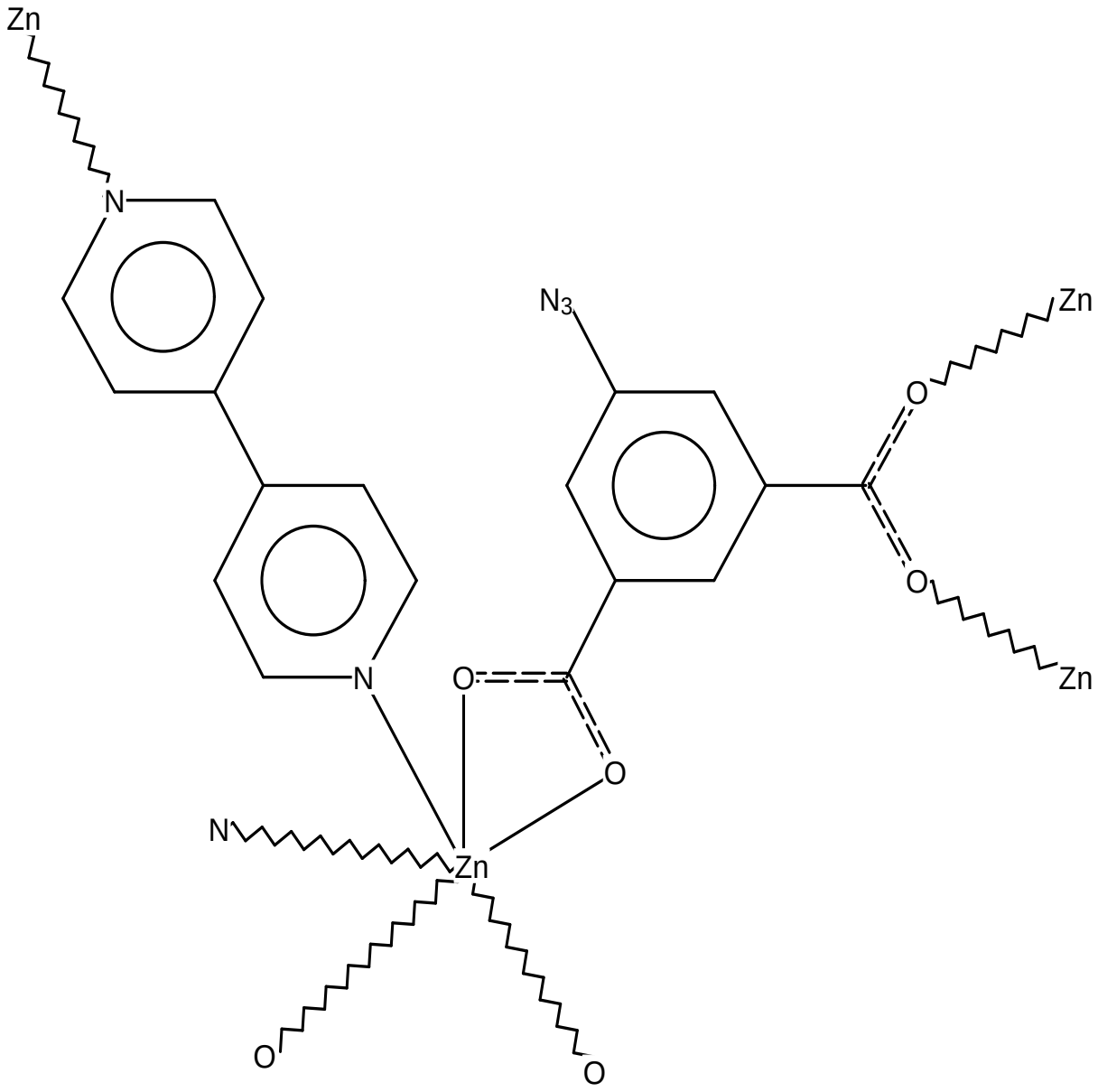
YUSPUY

Reference: H.Sato, R.Matsuda, K.Sugimoto, M.Takata, S.Kitagawa (2010) *Nat.Mater* ,**9,**661

Formula: $(C_{18}\ H_{11}\ N_5\ O_4\ Zn_1)n$

Compound Name: CATENA-((MU_3-5-AZIDOISOPHTHALATO)-(MU_2-4,4'-BIPYRIDINE-N,N')-zinc)

Space Group:	C2/m	***Cell:***	***a***	18.378(0)	***b***	11.372(0)	***c*** 10.104(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β	109.64(0)	γ 90.00
R-Factor (%):	6.85	***Temperature(K):***	77		***Density(g/cm^3):***		1.425



This journal is (c) The Royal Society of Chemistry 2012

Search: search1 (Thu May 26 10:05:42 2011): Hit 3167

YUTBAR

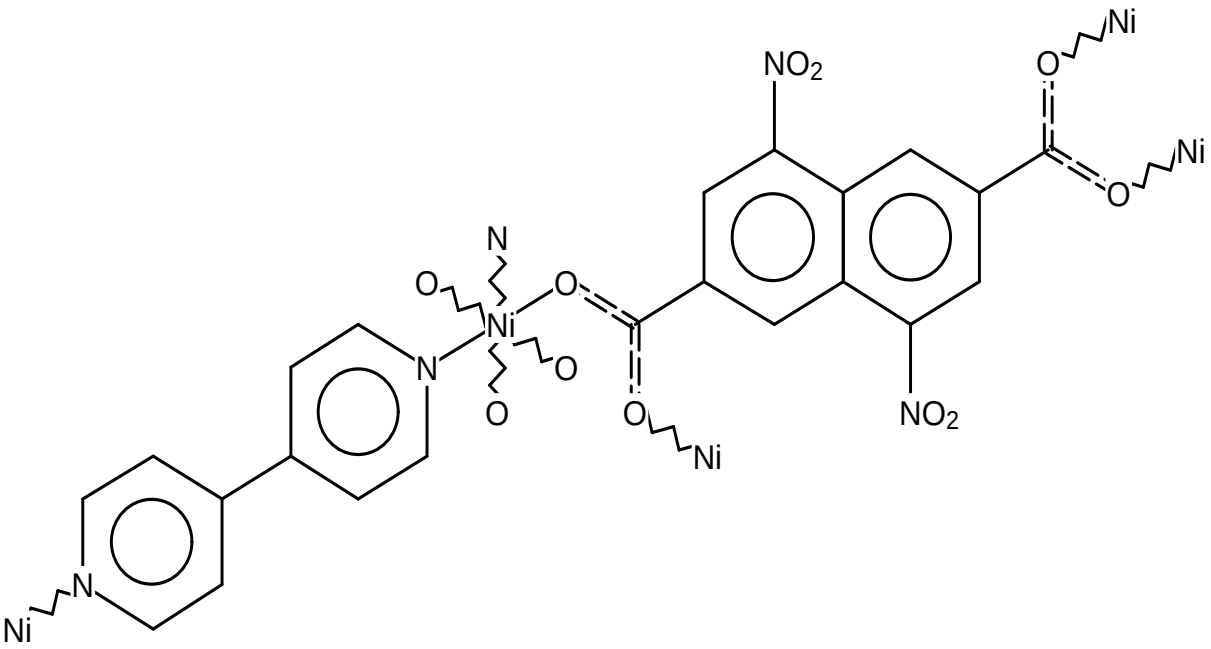
Reference: Hua Tian, Qin-Xiang Jia, En-Qing Gao, Qing-Lun Wang (2010) *Chem.Commun. ,***46,**5349

Formula: $(C_{22}\ H_{12}\ N_4\ Ni_1\ O_8)n$

Compound Name: catena-((μ_4-1,5-dinitronaphthalene-3,7-dicarboxylato)-(μ_2-4,4'-bipyridine)-nickel(ii))

Space Group:	C2/c	***Cell:***	***a***	19.854(0)	***b*** 11.289(0)	***c***	9.598(0)
Space Group No.:	15	***(Å,°)***	α	90.00	β 107.34(0)	γ	90.00

R-Factor (%): 3.11 ***Temperature(K):*** 296 ***Density(g/cm^3):*** 1.679



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search Overview

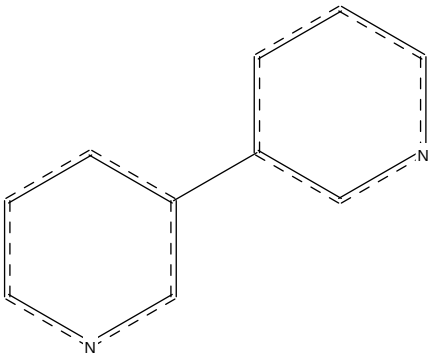
Search:	search2
Date/Time done:	Thu May 26 10:12:01 2011
Database(s):	CSD version 5.32 (November 2010) CSD version 5.32 updates (Nov 2010)
Restriction Info:	No refcode restrictions applied
Filters:	None
Percentage Completed:	100%
Number of Hits:	21

Summary of queries used. Search found structures that:

match

Query 1 **Query 2**

Query 1



Query 2

4M

This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 1

DIZYIV

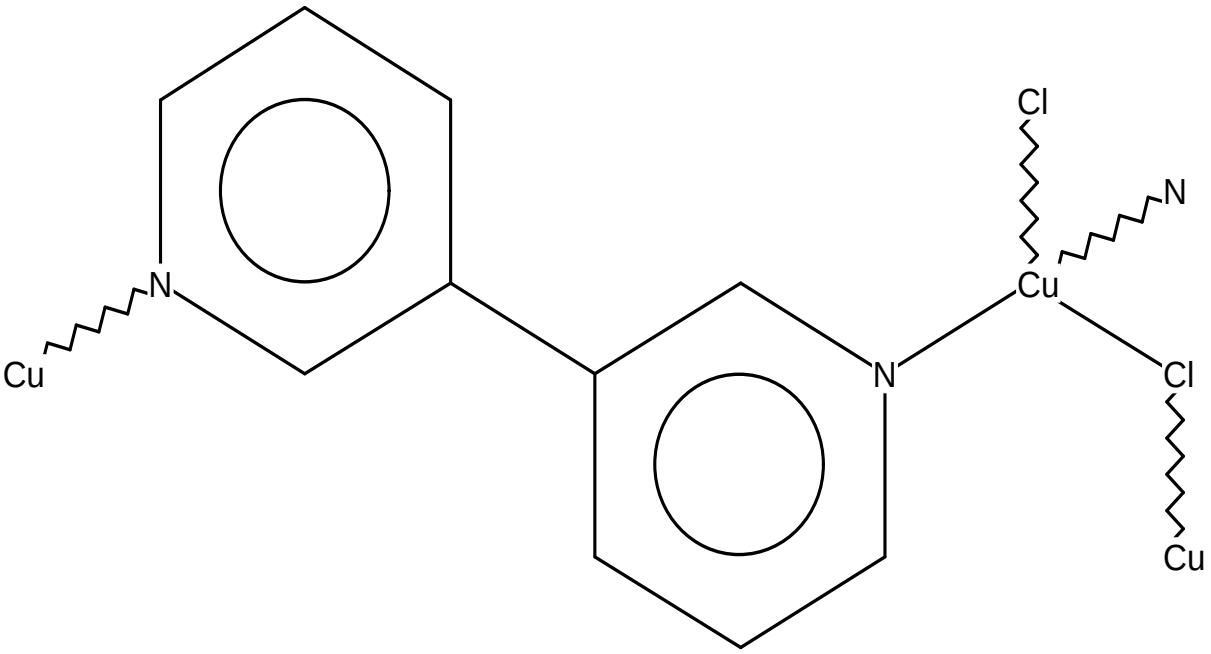
Reference: L.L.Johnston, A.J.Ursini, N.P.Oien, M.P.Desciak, R.S.Rarig Junior, J.Zubieta, R.L.LaDuca (2008) *Z.Anorg.Allg.Chem.* , **634,**887

Formula: $(C_{10}\ H_8\ Cl_1\ Cu_1\ N_2)n$

Compound Name: catena-[(μ_2-Chloro)-(μ_2-3,3'-bipyridyl)-copper(i)]

Space Group:	P21/c	***Cell:***	***a***	9.084(0)	***b*** 16.436(1)	***c***	6.759(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 110.34(0)	γ	90.00

R-Factor (%): 3.00 ***Temperature(K):*** 94 ***Density(g/cm^3):*** 1.791



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 2

DIZYOB

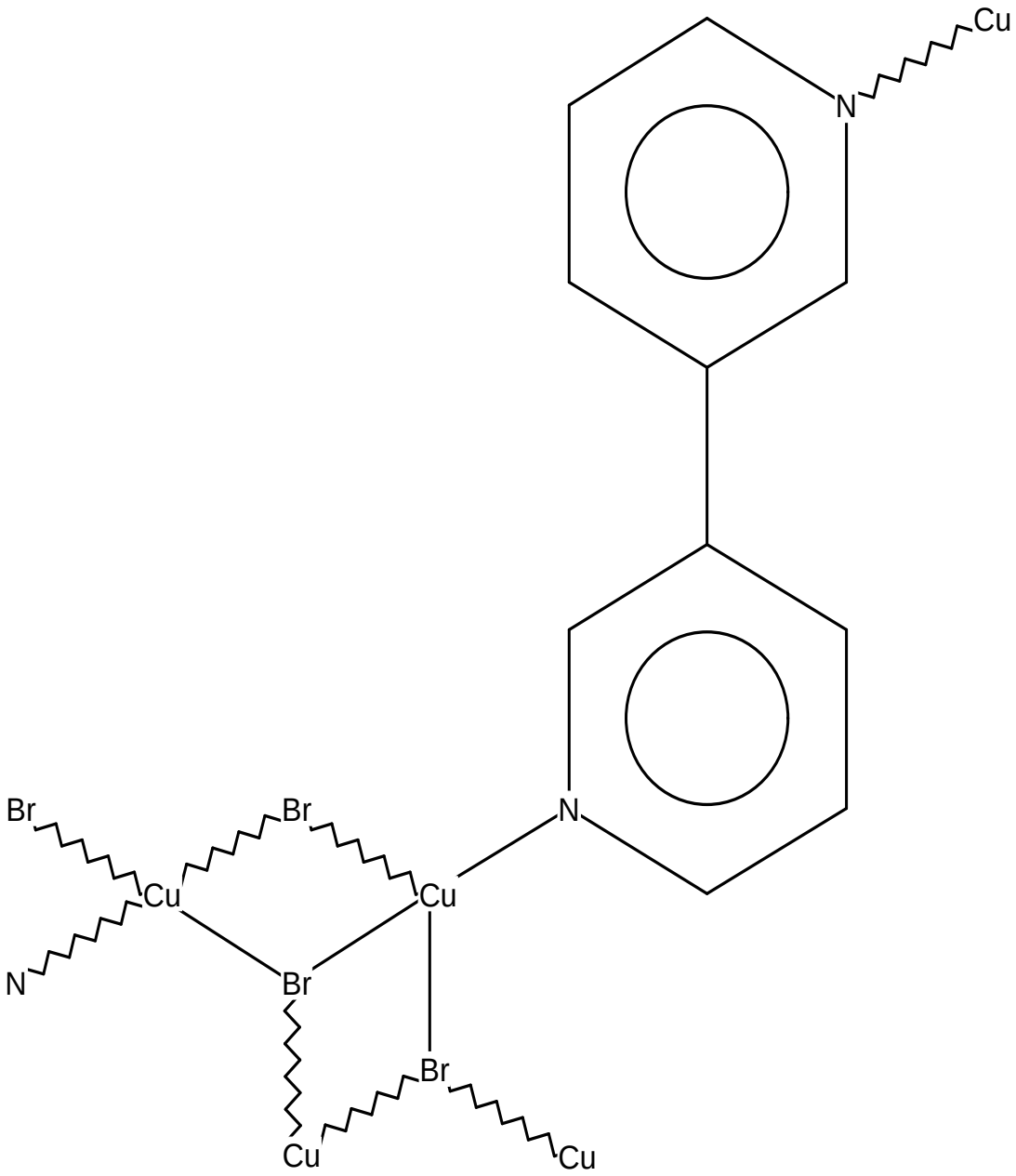
Reference: L.L.Johnston, A.J.Ursini, N.P.Oien, M.P.Desciak, R.S.Rarig Junior, J.Zubieta, R.L.LaDuca (2008) *Z.Anorg.Allg.Chem.* , **634,**887

Formula: $(C_{10}\ H_8\ Br_2\ Cu_2\ N_2)n$

Compound Name: catena-[bis(μ_3-Bromo)-(μ_2-3,3'-bipyridyl)-di-copper(i)]

Space Group:	P-1	***Cell:***	***a***	3.905(0)	***b***	10.068(1)	***c***	15.887(2)
Space Group No.:	2	***(Å,°)***	α	108.34(0)	β	90.03(0)	γ	98.31(0)

R-Factor (%): 2.84 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.511



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 3

EBELIG

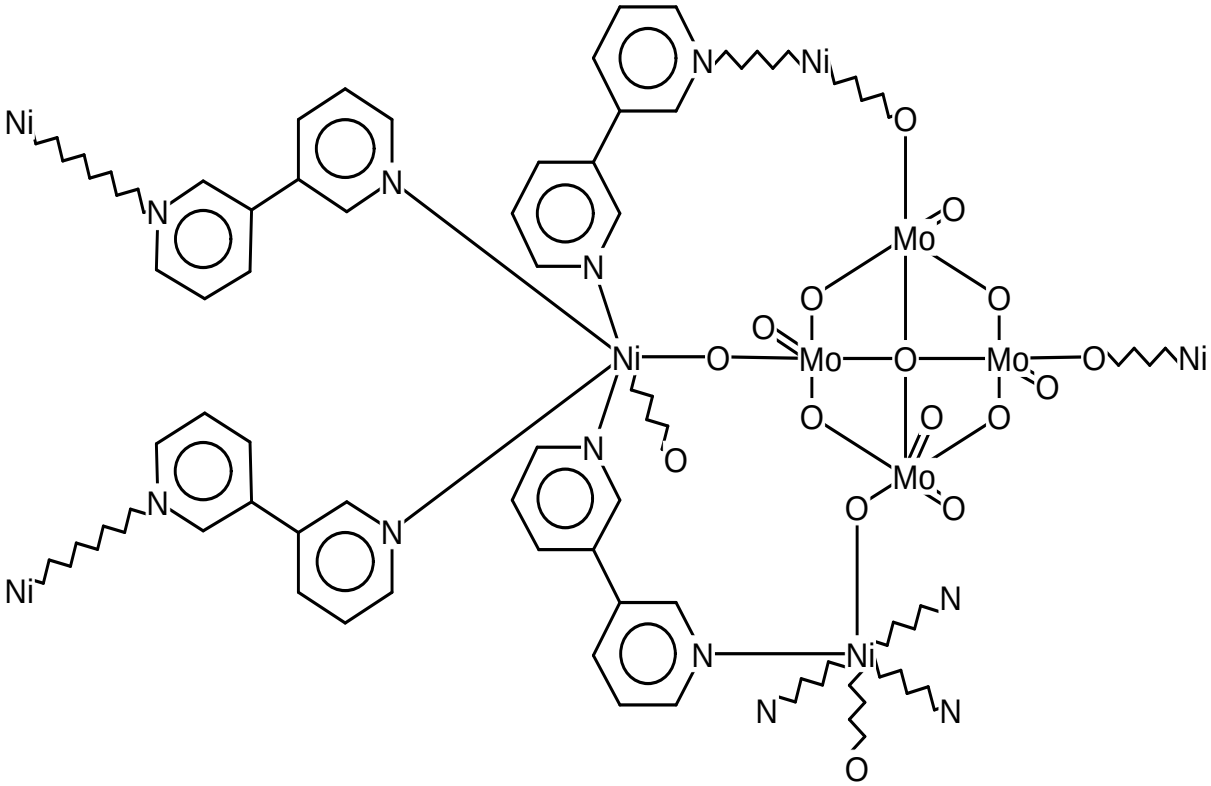
Reference: R.L.LaDuca Junior, M.Desciak, M.Laskoski, R.S.Rarig Junior, J.Zubieta (2000) *J.Chem.Soc.,Dalton Trans.* ,2255

Formula: $(C_{40}\ H_{32}\ Mo_4\ N_8\ Ni_2\ O_{14})n$

Compound Name: catena-((μ_4-Oxo)-tetrakis(μ_2-3,3'-bipyridine-N,N')-octakis(μ_2-oxo)-pentaoxo-tetra-molybdenum-di-nickel)

Space Group:	P212121	***Cell:***	***a***	11.317(0)	***b***	11.353(0)	***c***	33.152(1)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.56 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.105



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 4

EBELOM

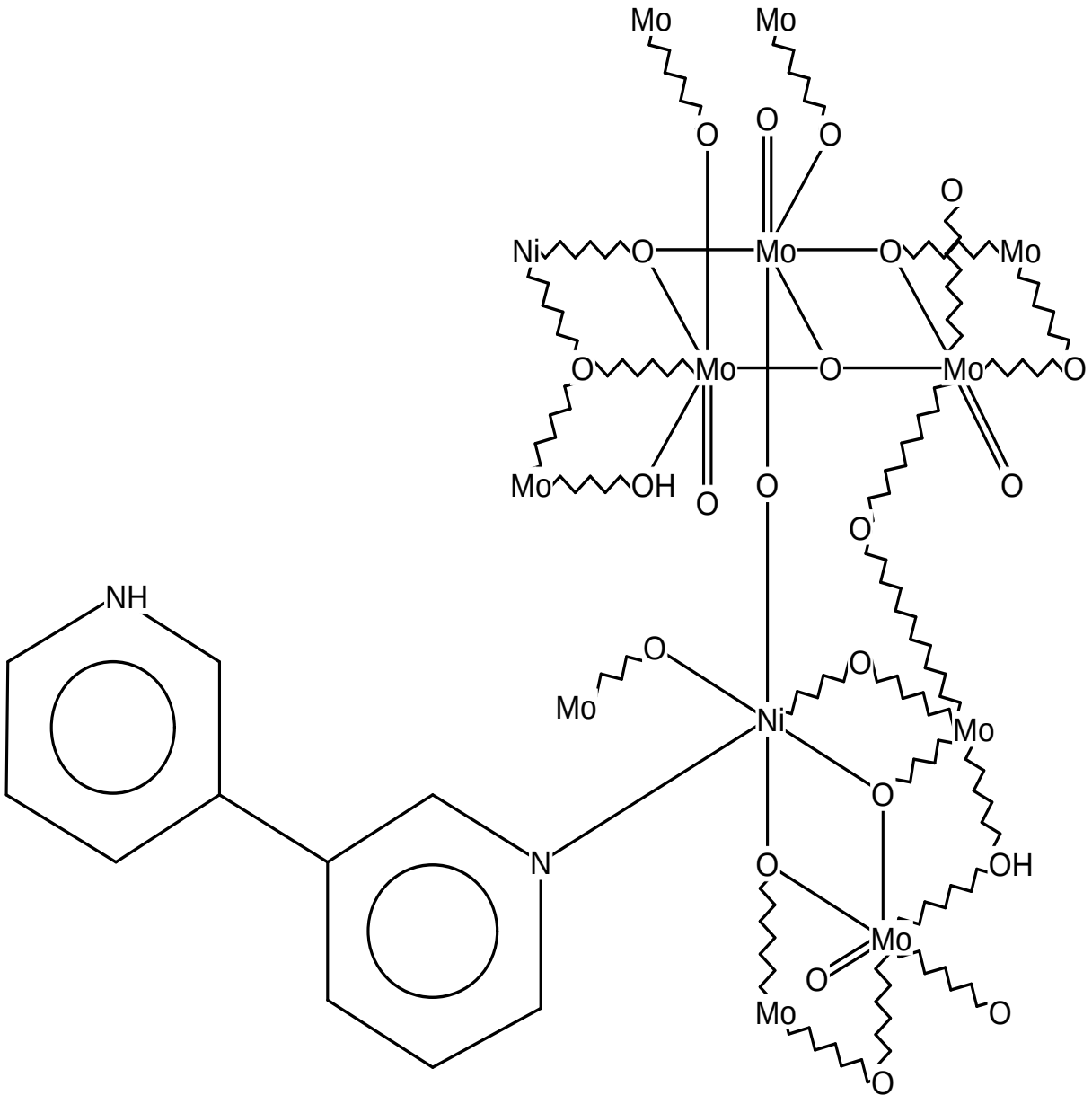
Reference: R.L.LaDuca Junior, M.Desciak, M.Laskoski, R.S.Rarig Junior, J.Zubieta (2000) *J.Chem.Soc.,Dalton Trans.* ,2255

Formula: $(C_{10}\ H_{10}\ Mo_4\ N_2\ Ni_1\ O_{14})n$

Compound Name: catena-(pentakis(μ_3-Oxo)-(μ_2-hydroxo)-tetrakis(μ_2-oxo)-(3,3'-bipyridine-N)-tetraoxo-tetra-molybdenum-nickel)

Space Group:	P212121	***Cell:***	***a***	5.541(1)	***b***	13.737(3)	***c***	24.134(5)
Space Group No.:	19	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.71 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 2.982



Search: search2 (Thu May 26 10:12:01 2011): Hit 5

JOCLAP

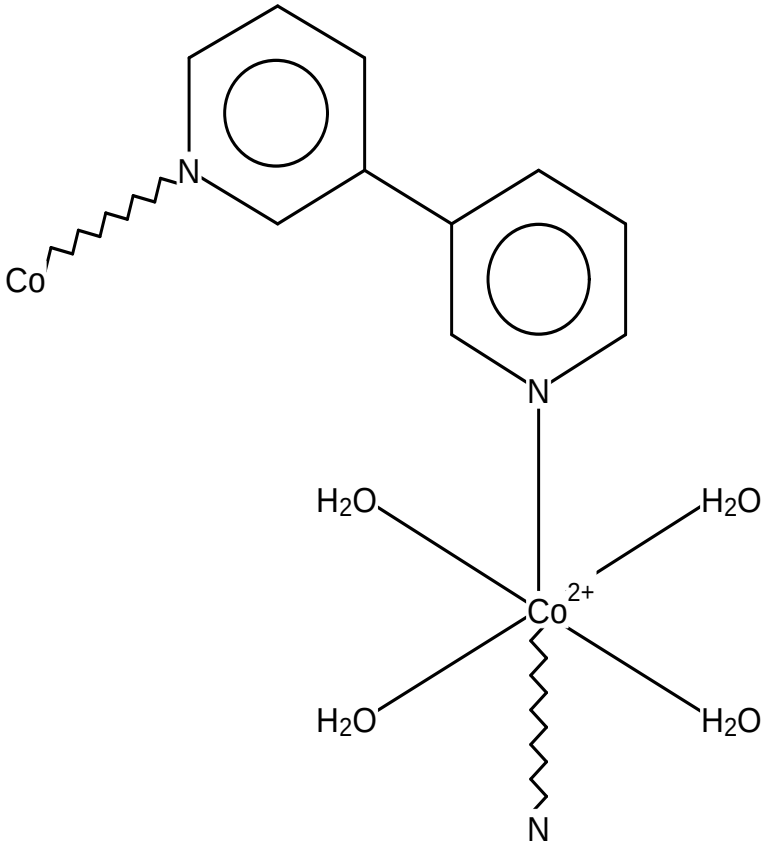
Reference: G.F.Cavichioli, D.P.Martin, A.J.Ursini, R.L.LaDuca (2008) *J.Mol.Struct.* ,**881,**107

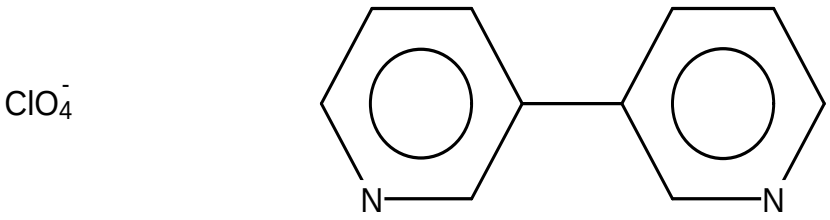
Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-3,3'-Bipyridine-N,N')-tetra-aqua-cobalt(ii) diperchlorate bis(3, 3'-bipyridine))

Space Group:	C2/c	***Cell:***	***a***	24.034(5)	***b*** 9.913(2)	***c***	16.114(3)
Space Group No.:	15	***(Å,°)***	α	90.00	β 117.47(0)	γ	90.00

R-Factor (%): 5.13 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 1.557





Search: search2 (Thu May 26 10:12:01 2011): Hit 6

JOCLET

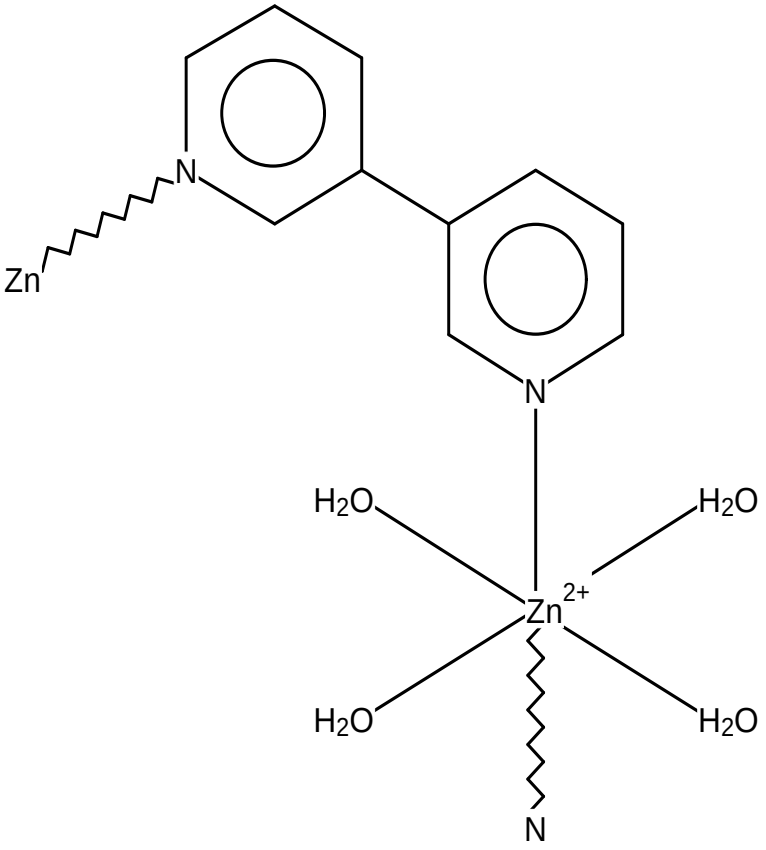
Reference: G.F.Cavichioli, D.P.Martin, A.J.Ursini, R.L.LaDuca (2008) *J.Mol.Struct.* ,**881,**107

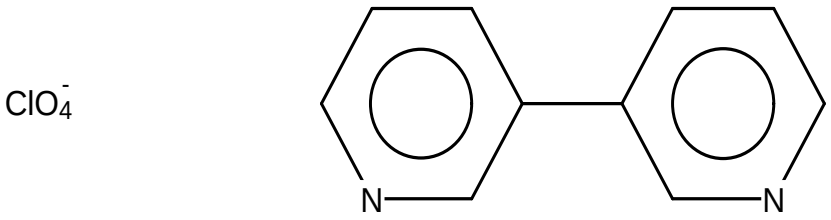
Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-((μ_2-3,3'-Bipyridine-N,N')-tetra-aqua-zinc(ii) diperchlorate bis(3, 3'-bipyridine))

Space Group:	C2/c	***Cell:***	***a***	24.383(12)	***b*** 9.970(5)	***c***	16.114(8)
Space Group No.:	15	***(Å,°)***	α	90.00	β 117.65(0)	γ	90.00

R-Factor (%): 5.20 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.541





Search: search2 (Thu May 26 10:12:01 2011): Hit 7

JOCLIX

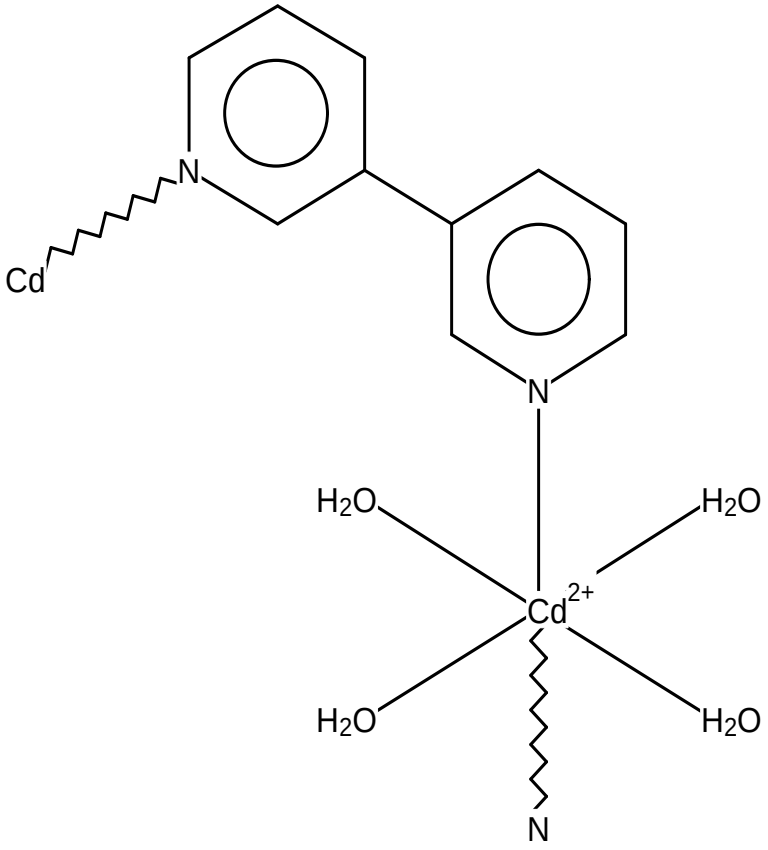
Reference: G.F.Cavichioli, D.P.Martin, A.J.Ursini, R.L.LaDuca (2008) *J.Mol.Struct. ,***881,**107

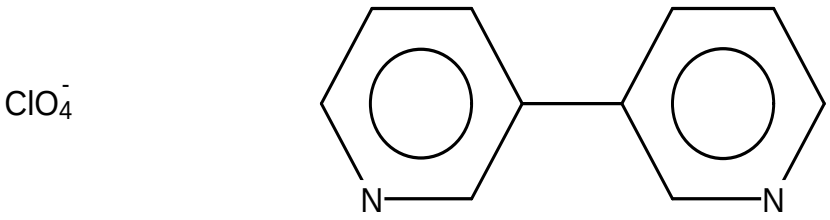
Formula: $(C_{10}\ H_{16}\ Cd_1\ N_2\ O_4\ ^{2+})n,2n(Cl_1\ O_4\ ^{1-}),2n(C_{10}\ H_8\ N_2)$

Compound Name: catena-($(\mu_2$-3,3'-Bipyridine-N,N')-tetra-aqua-cadmium(ii) diperchlorate bis(3,3'-bipyridine))

Space Group:	C2/c	***Cell:***	***a***	24.587(5)	***b*** 9.996(2)	***c***	16.417(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 118.38(0)	γ	90.00

R-Factor (%): 3.26 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.594





This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 8

JOCLOD

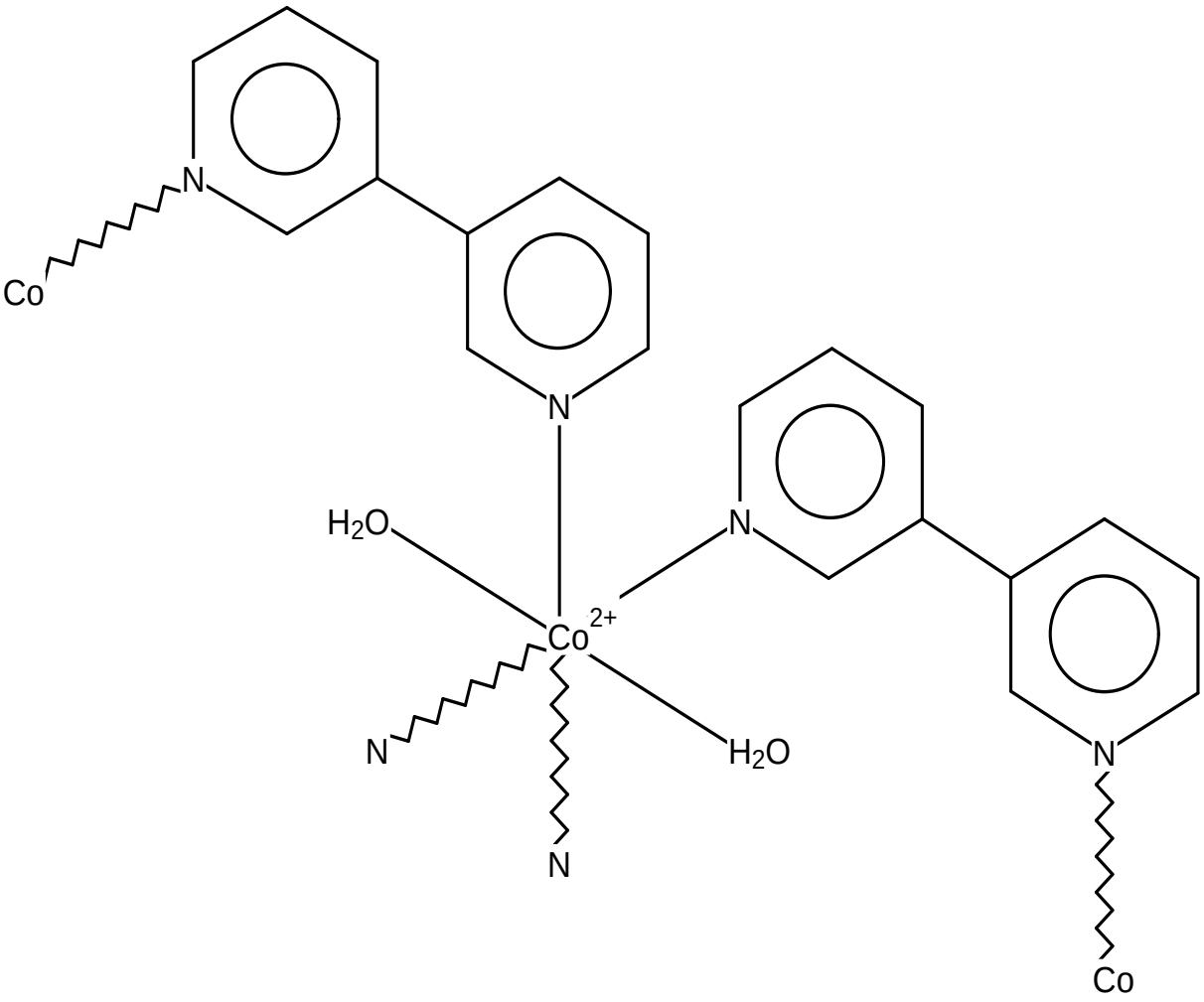
Reference: G.F.Cavichioli, D.P.Martin, A.J.Ursini, R.L.LaDuca (2008) *J.Mol.Struct.* ,**881,**107

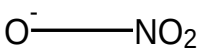
Formula: $(C_{20}\ H_{20}\ Co_1\ N_4\ O_2\ ^{2+})n,2n(N_1\ O_3\ ^{1-})$

Compound Name: catena-(bis(μ_2-3,3'-Bipyridine-N,N')-diaqua-cobalt(ii) dinitrate)

Space Group:	I41/acd	***Cell:***	***a***	15.645(8)	***b***	15.645(8)	***c***	19.750(20)
Space Group No.:	142	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.22 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.460





This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 9

MADGAA

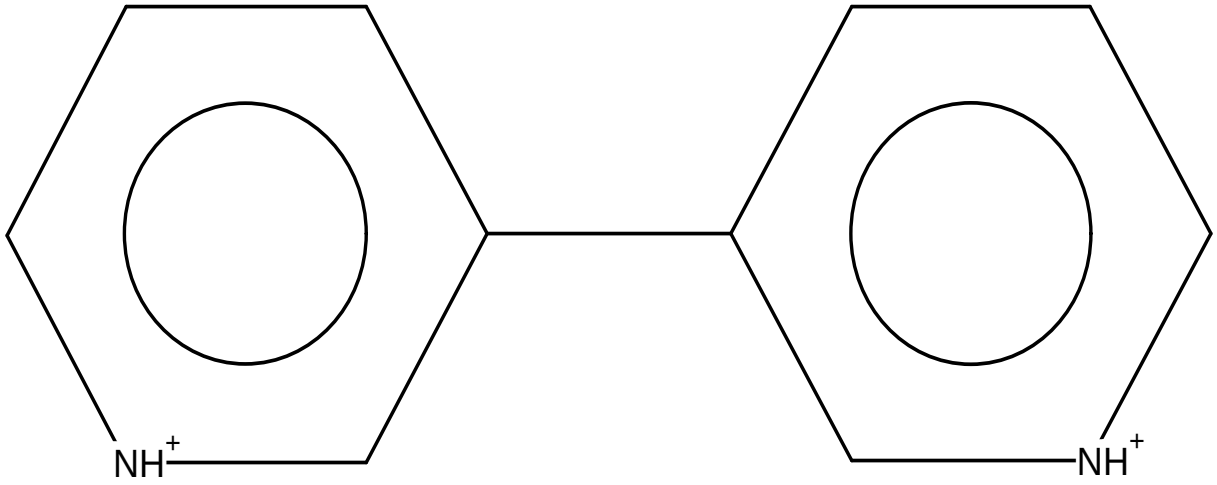
Reference: A.Angeloni, P.C.Crawford, A.G.Orpen, T.J.Podesta, B.J.Shore (2004) *Chem.-Eur.J. ,***10,**3783

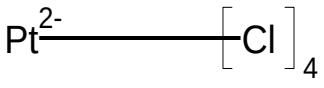
Formula: $C_{10}\,H_{10}\,N_2\,^{2+},Cl_4\,Pt_1\,^{2-}$

Compound Name: 3,3'-Bipyridinium tetrachloro-platinum

Space Group:	C2/c	***Cell:***	***a***	17.153(3)	***b*** 7.021(1)	***c***	12.632(4)
Space Group No.:	15	***(Å,°)***	α	90.00	β 119.21(1)	γ	90.00

R-Factor (%): 2.70 ***Temperature(K):*** 173 ***Density(g/cm^3):*** 2.477





This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 10

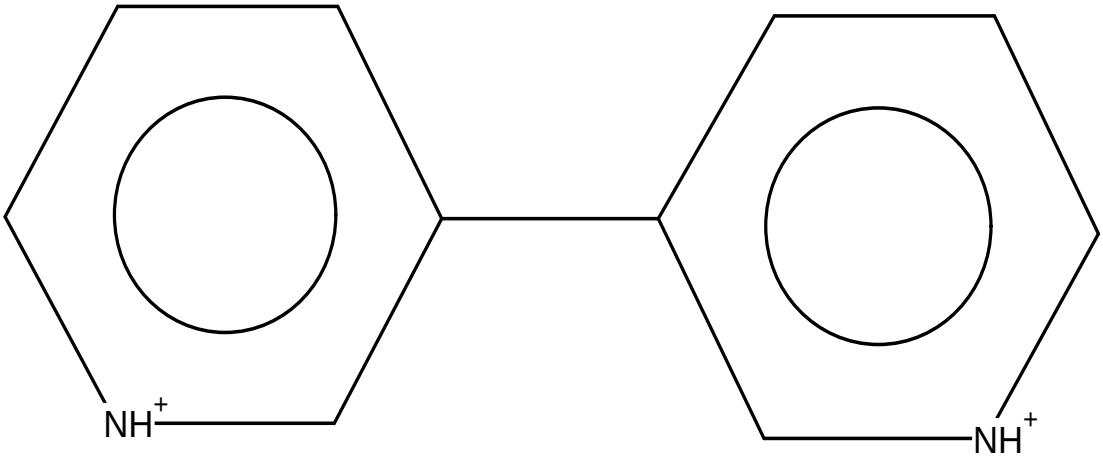
MADGUU

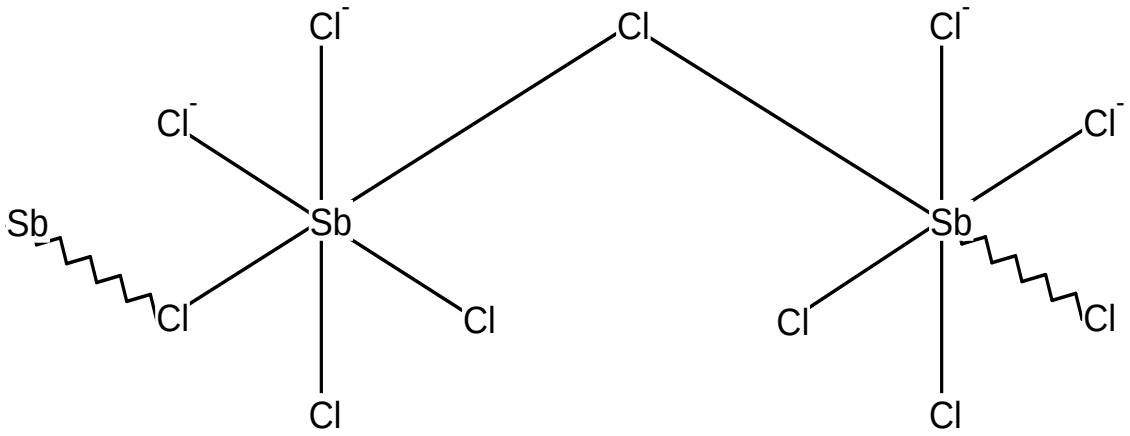
Reference: A.Angeloni, P.C.Crawford, A.G.Orpen, T.J.Podesta, B.J.Shore (2004) *Chem.-Eur.J.* ,**10,**3783

Formula: $(C_{10}\ H_{10}\ N_2\ ^{2+})2n,n(Cl_{10}\ Sb_2\ ^{4-})$

Compound Name: catena-(bis(4,4'-Bipyridinium) bis(μ_2-chloro)-octachloro-di-antimony(iii))

Space Group:	P21/c	***Cell:***	***a***	14.021(3)	***b*** 13.836(3)	***c***	16.641(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β 109.92(0)	γ	90.00
R-Factor (%):	3.76	***Temperature(K):***	173		***Density(g/cm^3):***		2.001





This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 11

MIYZID

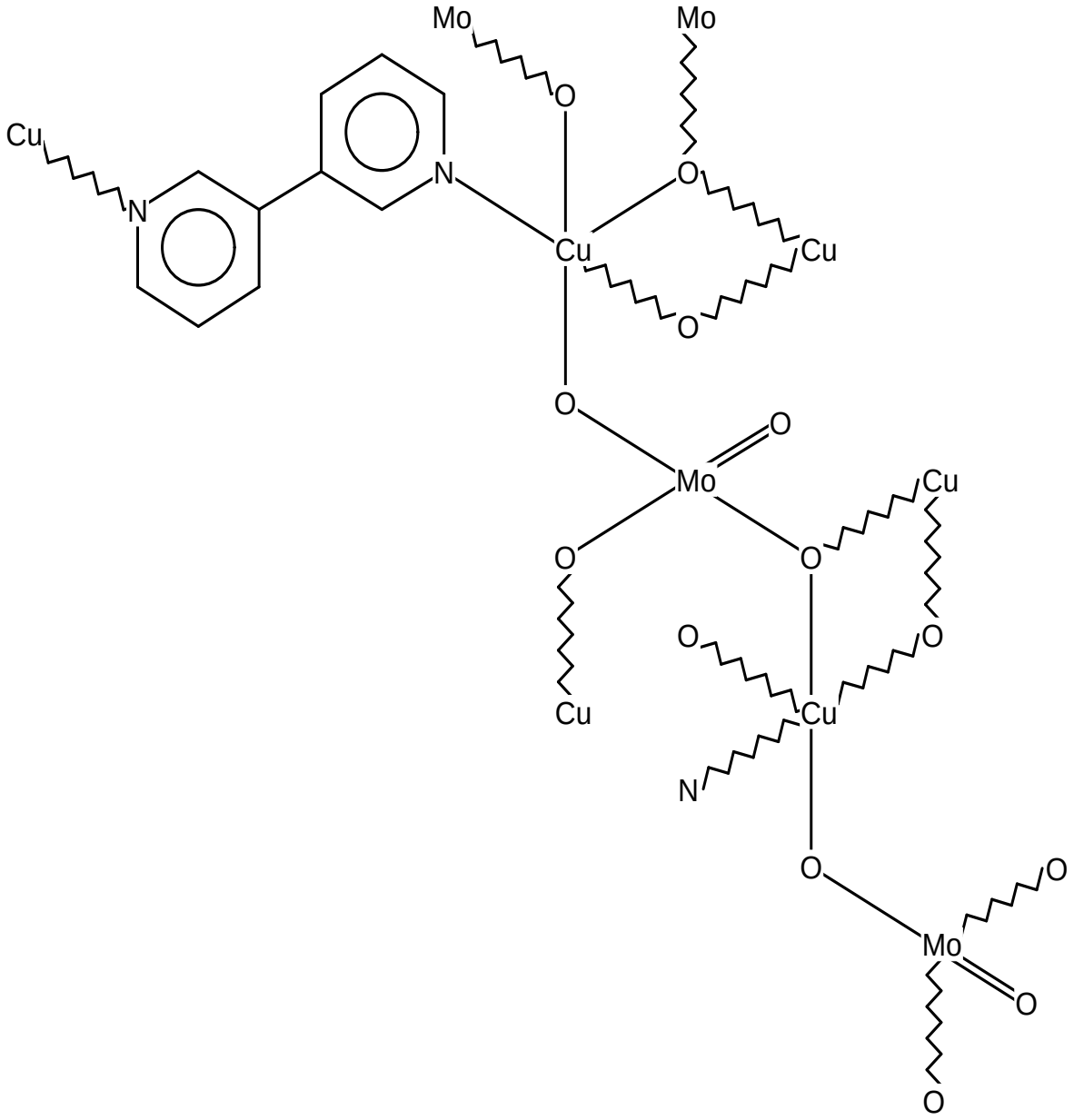
Reference: R.S.Rarig Junior, R.Lam, P.Y.Zavalij, J.K.Ngala, R.L.LaDuca Junior, J.E.Greedan, J.Zubieta (2002) *Inorg.Chem.* ,**41,** 2124

Formula: $(C_{10}\ H_8\ Cu_2\ Mo_2\ N_2\ O_8)n$

Compound Name: catena-(bis(μ_3-Oxo)-(μ_2-3,3'-bipyridyl-N,N')-tetrakis(μ_2-oxo)-dioxo-di-copper(ii)-di-molybdenum)

Space Group:	P-1	***Cell:***	***a***	5.440(1)	***b***	6.813(1)	***c*** 10.727(2)
Space Group No.:	2	***(Å,°)***	α	73.91(0)	β	78.84(0)	γ 70.39(0)

R-Factor (%): 4.30 ***Temperature(K):*** 90 ***Density(g/cm3):*** 2.801



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 12

NULROB

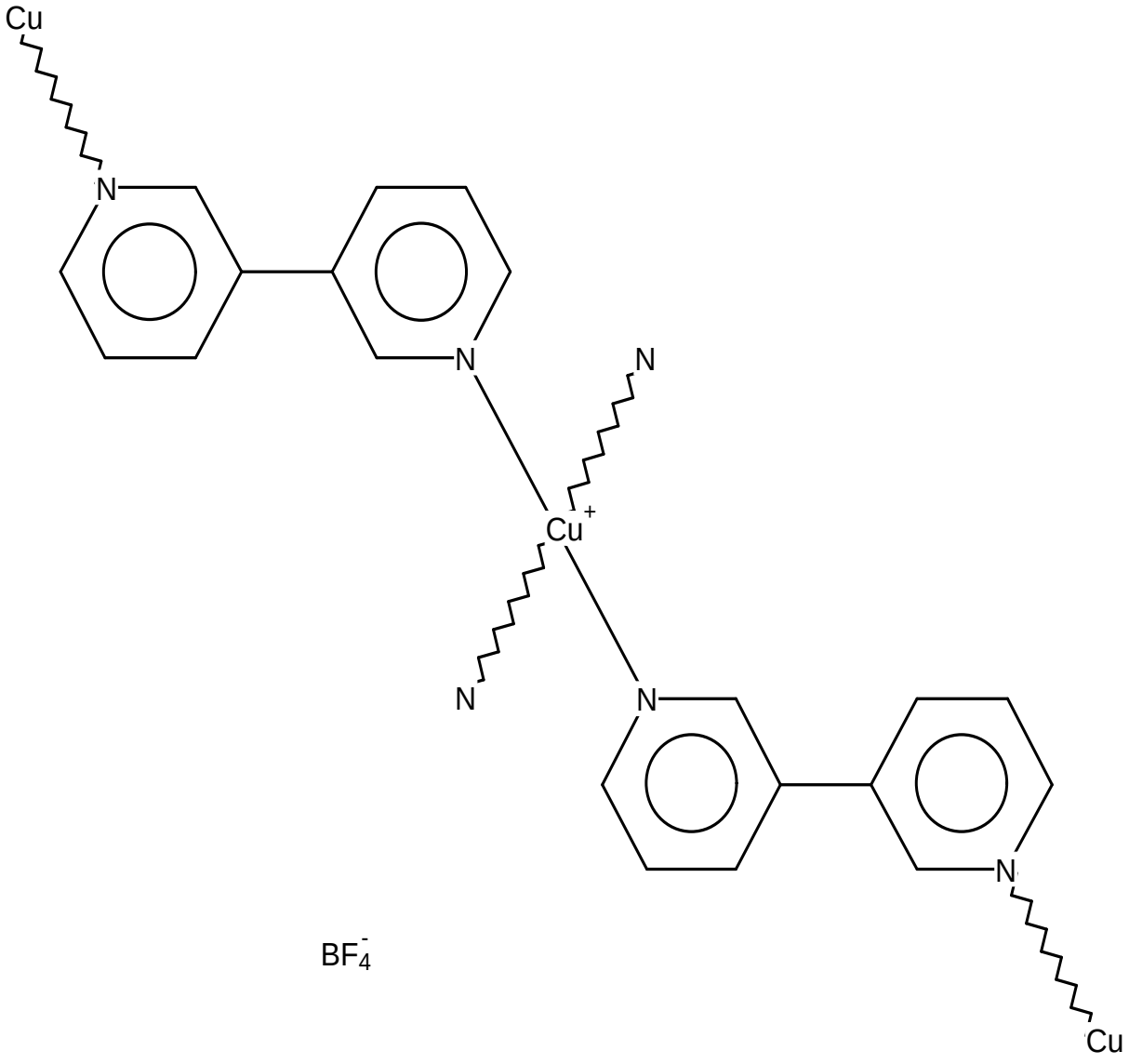
Reference: S.Lopez, M.Kahraman, M.Harmata, S.W.Keller (1997) *Inorg.Chem. ,***36,**6138

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+})n,n(B_1\ F_4\ ^{1-})$

Compound Name: catena-(bis(μ_2-3,3'-Bipyridine)-copper(i) tetrafluoroborate)

Space Group:	P-4n2	***Cell:***	***a*** 10.456(0)	***b*** 10.456(0)	***c*** 9.368(0)
Space Group No.:	118	***(Å,°)***	α 90.00	β 90.00	γ 90.00

R-Factor (%): 4.25 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.500



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 13

NULRUH

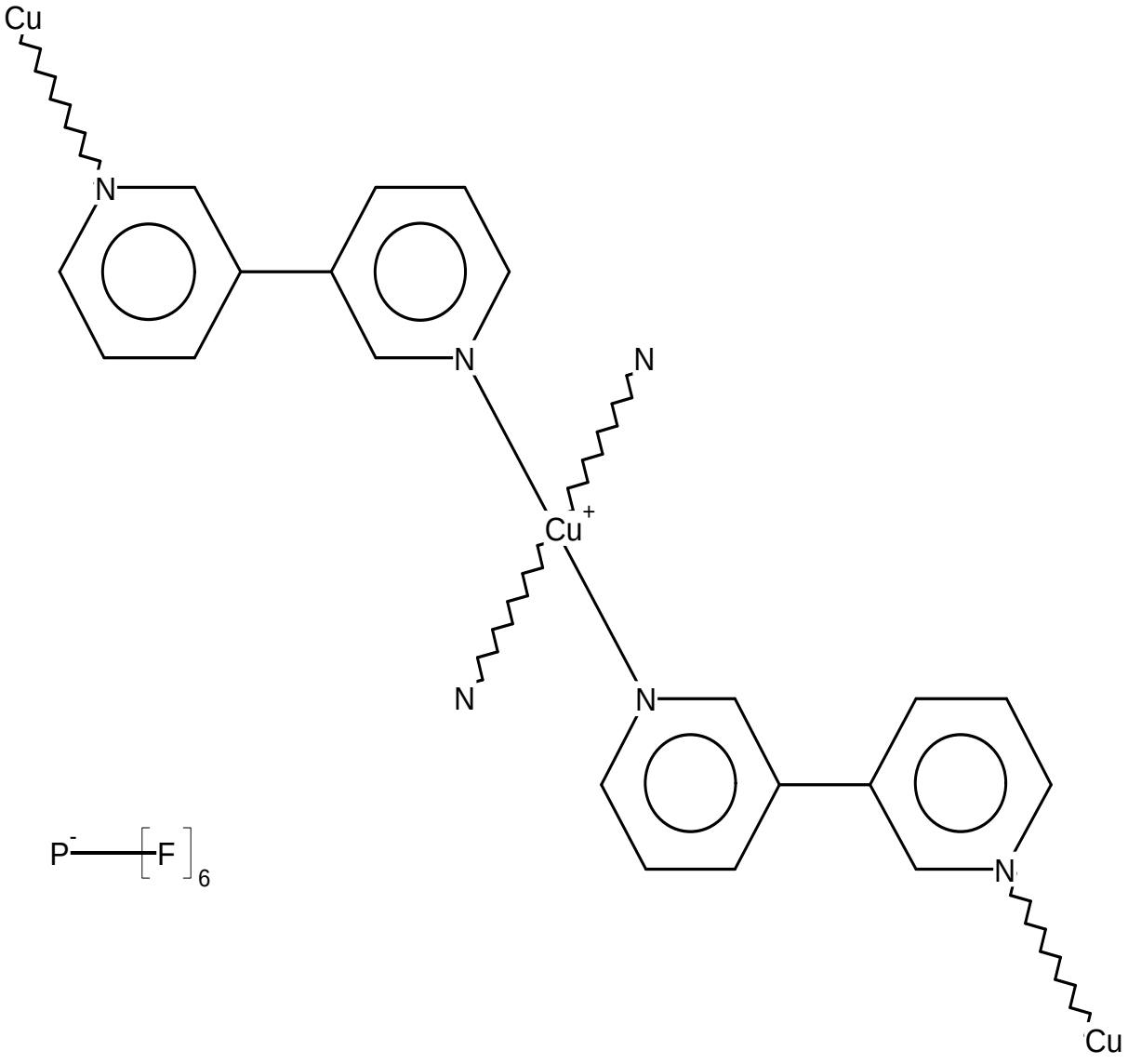
Reference: S.Lopez, M.Kahraman, M.Harmata, S.W.Keller (1997) *Inorg.Chem. ,***36,**6138

Formula: $(C_{20}\ H_{16}\ Cu_1\ N_4\ ^{1+})n,n(F_6\ P_1\ ^{1-})$

Compound Name: catena-(bis(μ_2-3,3'-Bipyridine)-copper(i) hexafluorophosphate)

Space Group:	P-4n2	***Cell:***	***a***	10.419(0)	***b***	10.419(0)	***c***	10.023(0)
Space Group No.:	118	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 3.36 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.590



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 14

SEFWOQ

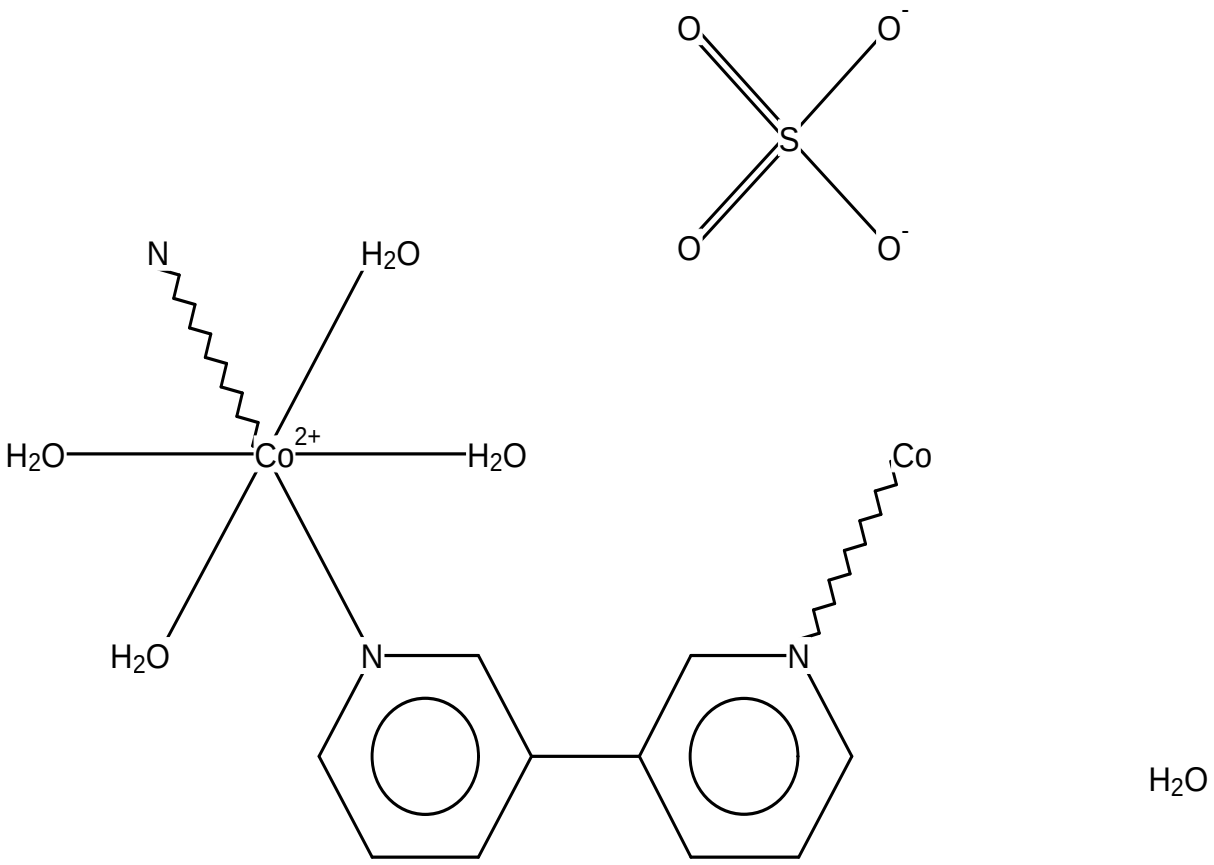
Reference: R.L.LaDuca, M.P.Desciak, R.S.Rarig Junior, J.A.Zubieta (2006) *Z.Anorg.Allg.Chem.* ,**632,**449

Formula: $(C_{10}\ H_{16}\ Co_1\ N_2\ O_4\ ^{2+})n,n(O_4\ S_1\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-3,3'-bipyridine)-tetraaqua-cobalt(ii) sulfate dihydrate)

Space Group:	Cc	***Cell:***	***a***	13.477(1)	***b***	12.194(0)	***c*** 10.255(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β	102.26(0)	γ 90.00

R-Factor (%): 2.89 ***Temperature(K):*** 94 ***Density(g/cm^3):*** 1.691



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 15

SEFWUW

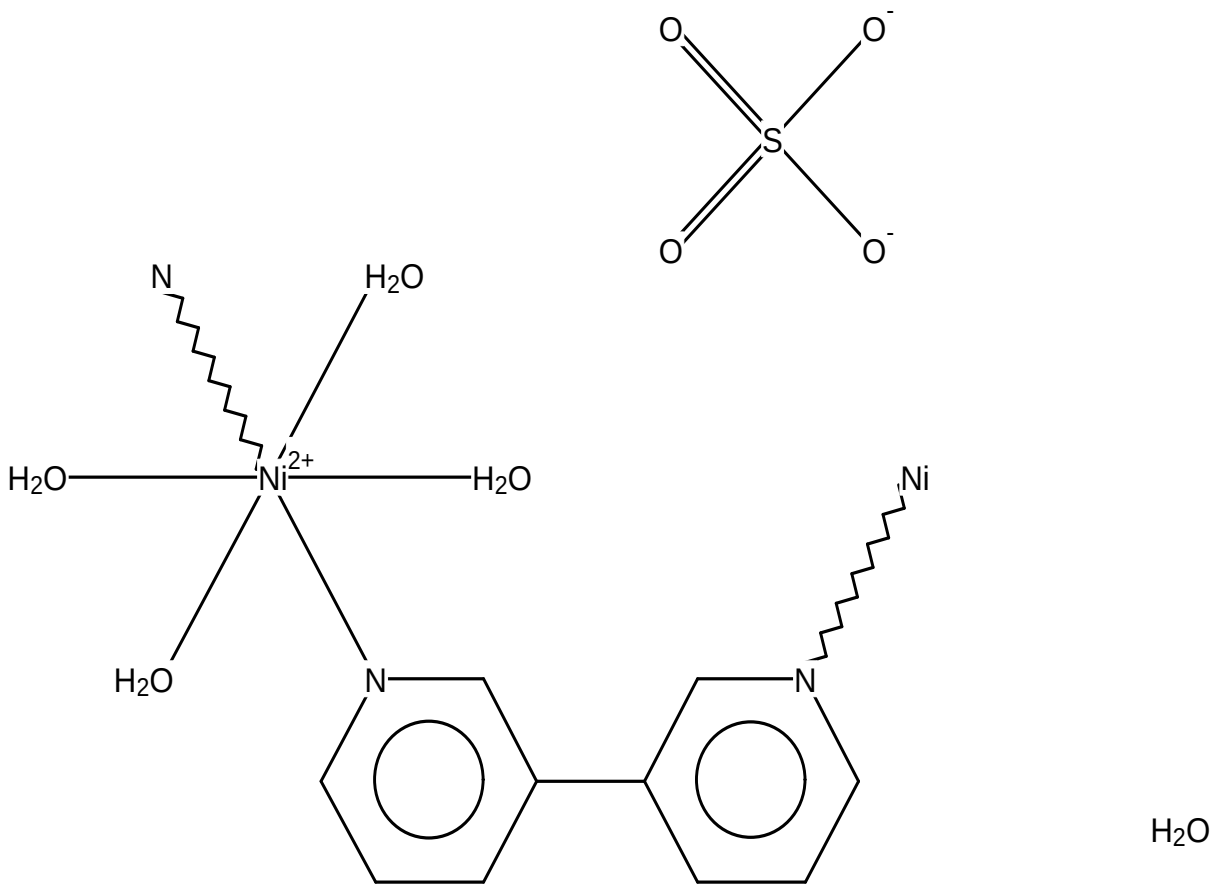
Reference: R.L.LaDuca, M.P.Desciak, R.S.Rarig Junior, J.A.Zubieta (2006) *Z.Anorg.Allg.Chem.* ,**632,**449

Formula: $(C_{10}\ H_{16}\ N_2\ Ni_1\ O_4\ ^{2+})n,n(O_4\ S_1\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-3,3'-bipyridine)-tetraaqua-nickel(ii) sulfate dihydrate)

Space Group:	Cc	***Cell:***	***a***	13.382(0)	***b*** 12.128(0)	***c***	10.228(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β 102.24(0)	γ	90.00

R-Factor (%): 2.98 ***Temperature(K):*** 94 ***Density(g/cm^3):*** 1.716



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 16

SEFXAD

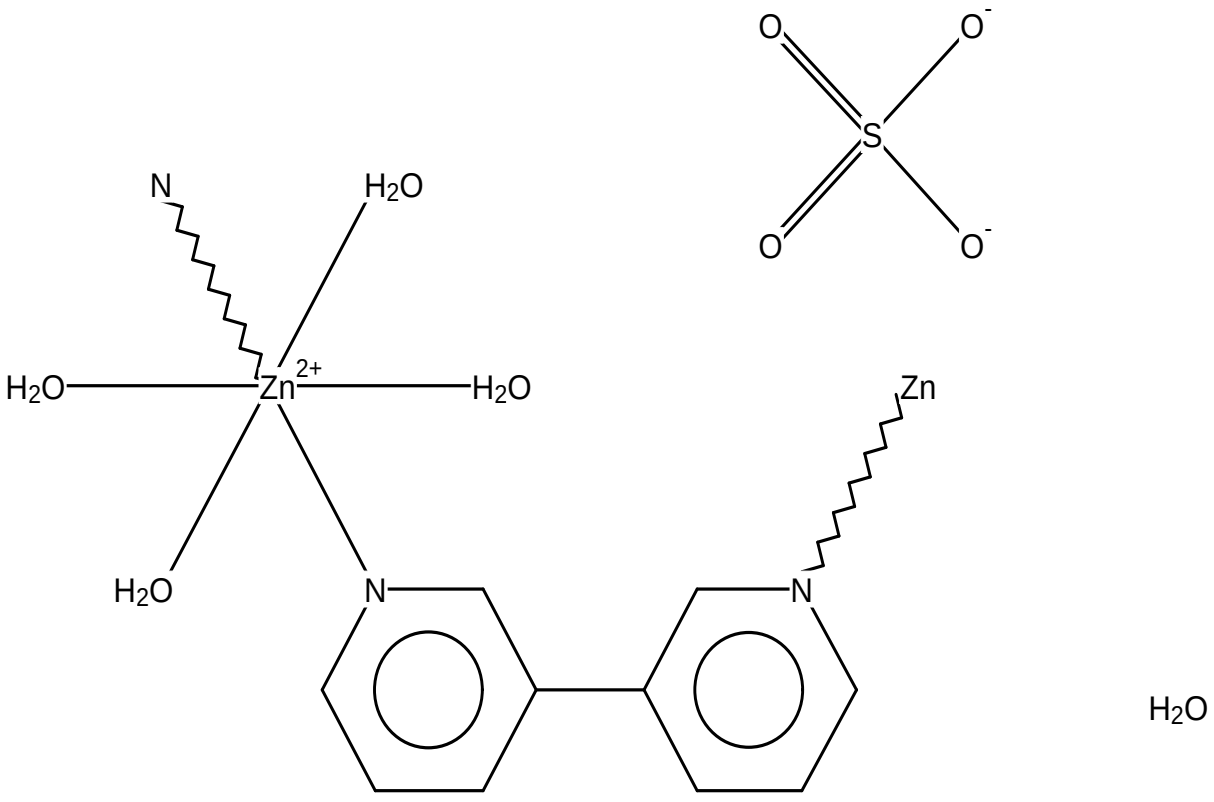
Reference: R.L.LaDuca, M.P.Desciak, R.S.Rarig Junior, J.A.Zubieta (2006) *Z.Anorg.Allg.Chem.* ,**632,**449

Formula: $(C_{10}\ H_{16}\ N_2\ O_4\ Zn_1\ ^{2+})n,n(O_4\ S_1\ ^{2-}),2n(H_2\ O_1)$

Compound Name: catena-((μ_2-3,3'-bipyridine)-tetraaqua-zinc(ii) sulfate dihydrate)

Space Group:	Cc	***Cell:***	***a***	13.478(0)	***b*** 12.154(0)	***c***	10.267(0)
Space Group No.:	9	***(Å,°)***	α	90.00	β 102.20(0)	γ	90.00

R-Factor (%): 2.27 ***Temperature(K):*** 94 ***Density(g/cm^3):*** 1.720



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 17

VAQQAG

Reference: R.S.Rarig Junior, J.Zubieta (2003) *Polyhedron* ,**22,**177

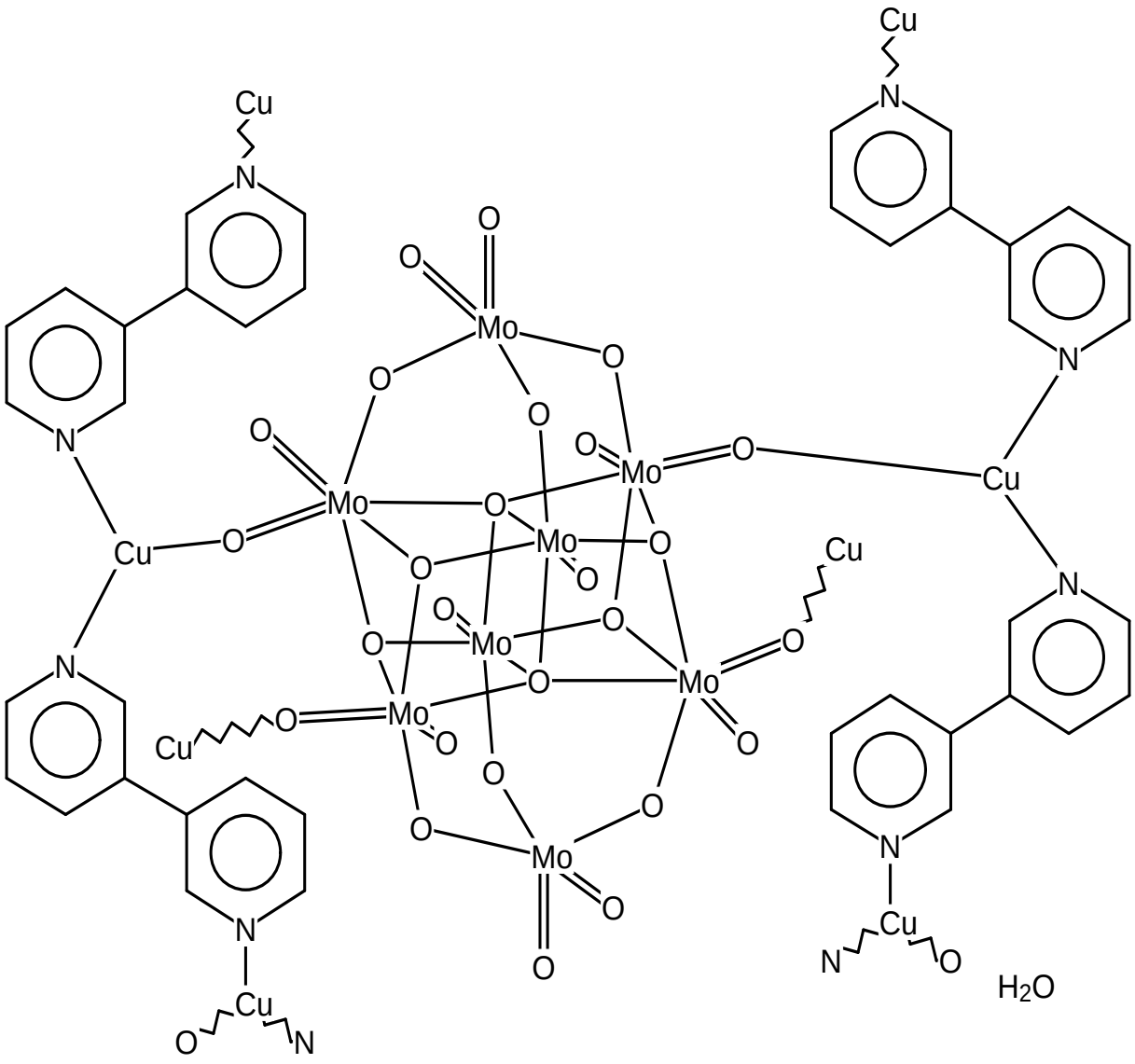
Formula: $(C_{40}\ H_{32}\ Cu_4\ Mo_8\ N_8\ O_{26})n,2n(H_2\ O_1)$

Compound Name: catena-(bis(μ_4-oxo)-tetrakis(μ_3-oxo)-tetrakis(μ_2-3,3'-bipyridine)-decakis(μ_2-oxo)-deca-oxo-tetra-copper(i)-octa-molybdenum dihydrate)

Synonym: catena-((μ_4-β-hexacosaoxooctamolybdate)-tetrakis(μ_2-3,3'-bipyridine)-tetra-copper(i) dihydrate)

Space Group:	C2/m	***Cell:***	***a***	13.520(1)	***b*** 21.177(1)	***c***	10.182(0)
Space Group No.:	12	***(Å,°)***	α	90.00	β 115.85(0)	γ	90.00

R-Factor (%): 5.43 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 2.656



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 18

XIQZOM

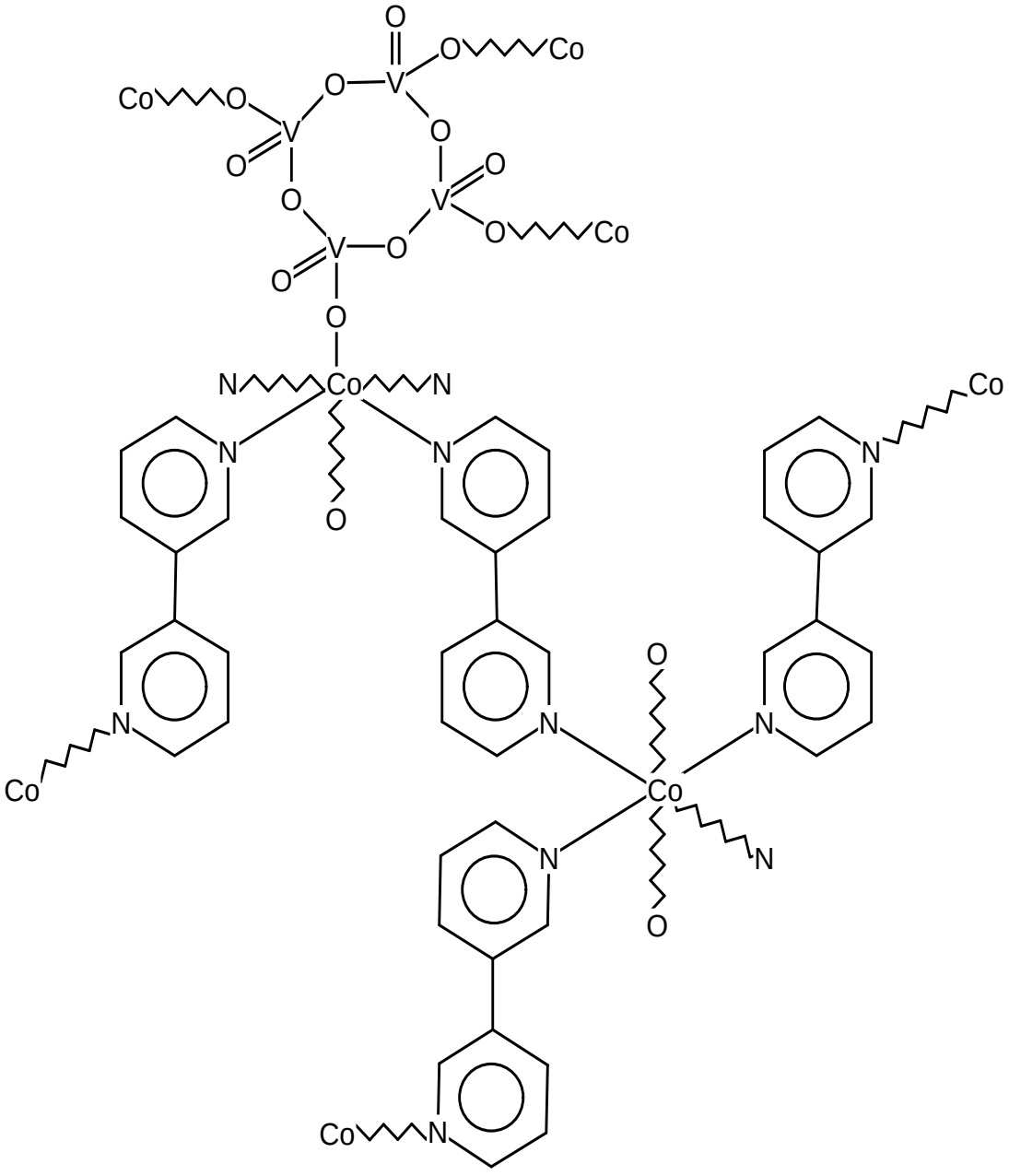
Reference: R.L.LaDuca Junior, C.Brodkin, R.C.Finn, J.Zubieta (2000) *Inorg.Chem.Commun.* ,**3,**248

Formula: $(C_{40}\ H_{32}\ Co_2\ N_8\ O_{12}\ V_4)n$

Compound Name: catena-(tetrakis(μ_2-3,3'-Bipyridyl)-octakis(μ_2-oxo)-tetrakis(oxo-vanadium)-di-cobalt(ii))

Space Group:	P21/n	***Cell:***	***a*** 9.979(0)	***b*** 16.129(1)	***c*** 13.419(0)
Space Group No.:	14	***(Å,°)***	α 90.00	β 93.04(0)	γ 90.00

R-Factor (%): 4.43 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.753



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 19

YEYKOD

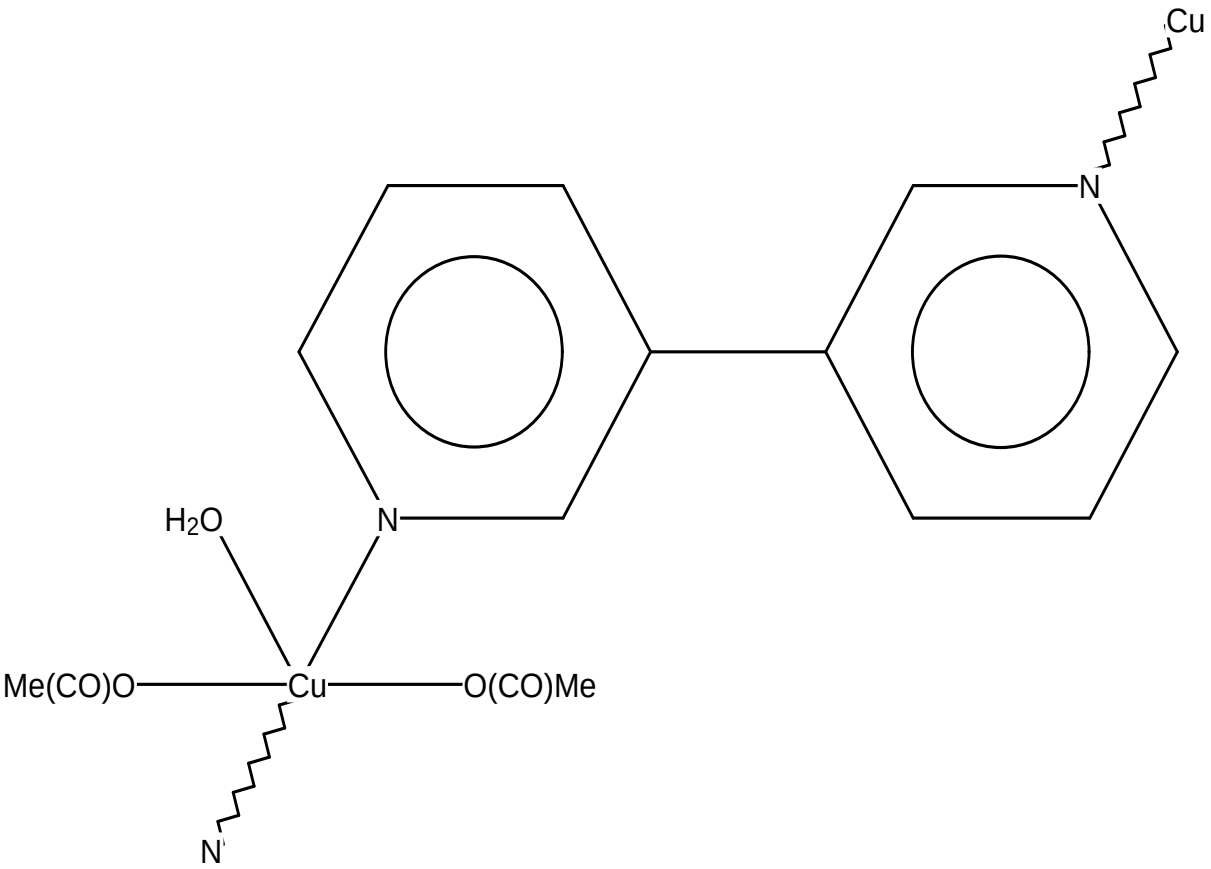
Reference: M.Desciak, R.S.Rarig Junior, J.Zubieta, R.L.LaDuca (2007) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,**63,**m435

Formula: $(C_{14}\ H_{16}\ Cu_1\ N_2\ O_5)n$

Compound Name: catena-((aquabis(acetato-κO)copper(ii))-μ_2-3,3'-bipyridine-κ^2N:N')

Space Group:	P21/c	***Cell:***	***a***	9.199(0)	***b*** 15.768(0)	***c***	10.542(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β 105.66(0)	γ	90.00

R-Factor (%): 2.77 ***Temperature(K):*** 94 ***Density(g/cm^3):*** 1.605



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 20

KUWVEE

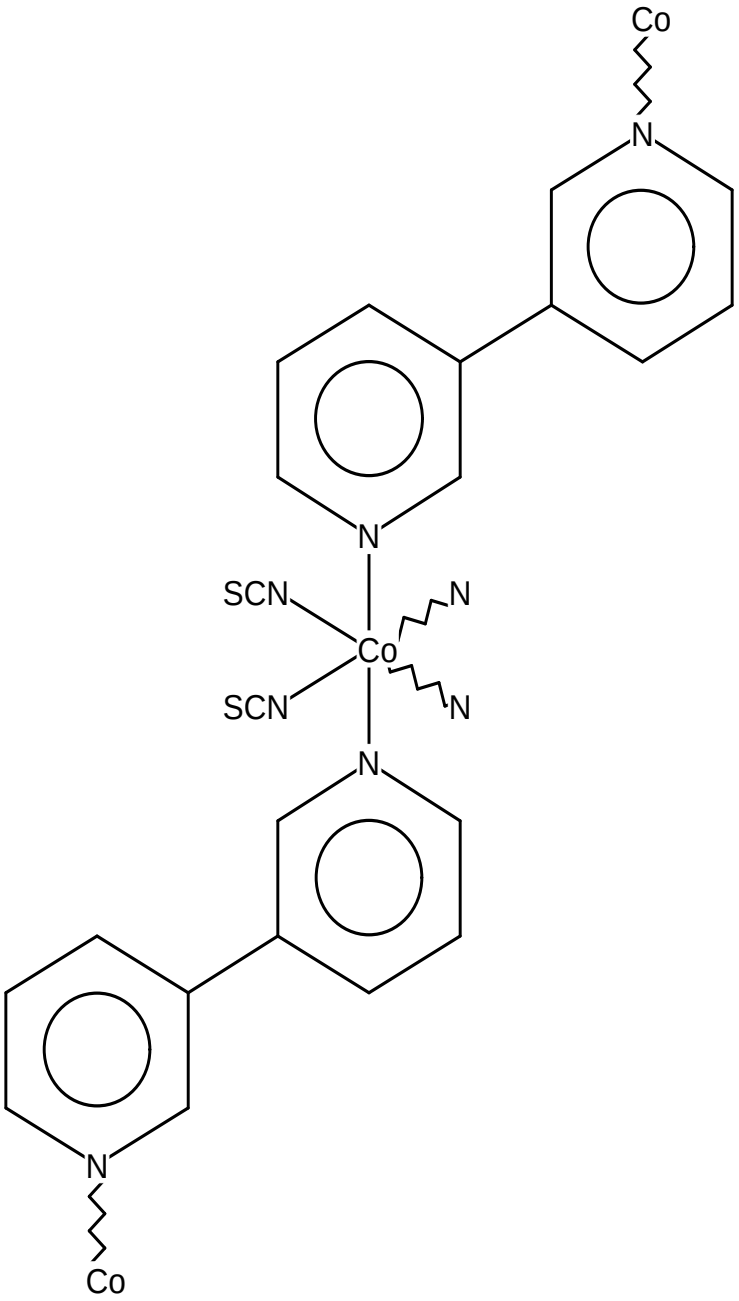
Reference: L.L.Johnston, A.J.Ursini, N.P.Oien, R.M.Supkowski, R.L.LaDuca (2007) *Inorg.Chim.Acta* ,**360,**3619

Formula: $(C_{22}\ H_{16}\ Co_1\ N_6\ S_2)n$

Compound Name: catena-(bis(μ_2-3,3'-Bipyridine)-bis(isothiocyanato)-cobalt(ii))

Space Group:	P21/n	***Cell:***	***a***	8.660(1)	***b***	9.309(1)	***c*** 14.083(3)
Space Group No.:	14	***(Å,°)***	α	90.00	β	93.29(0)	γ 90.00

R-Factor (%): 4.33 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.428



This journal is (c) The Royal Society of Chemistry 2012

Search: search2 (Thu May 26 10:12:01 2011): Hit 21

KUWVII

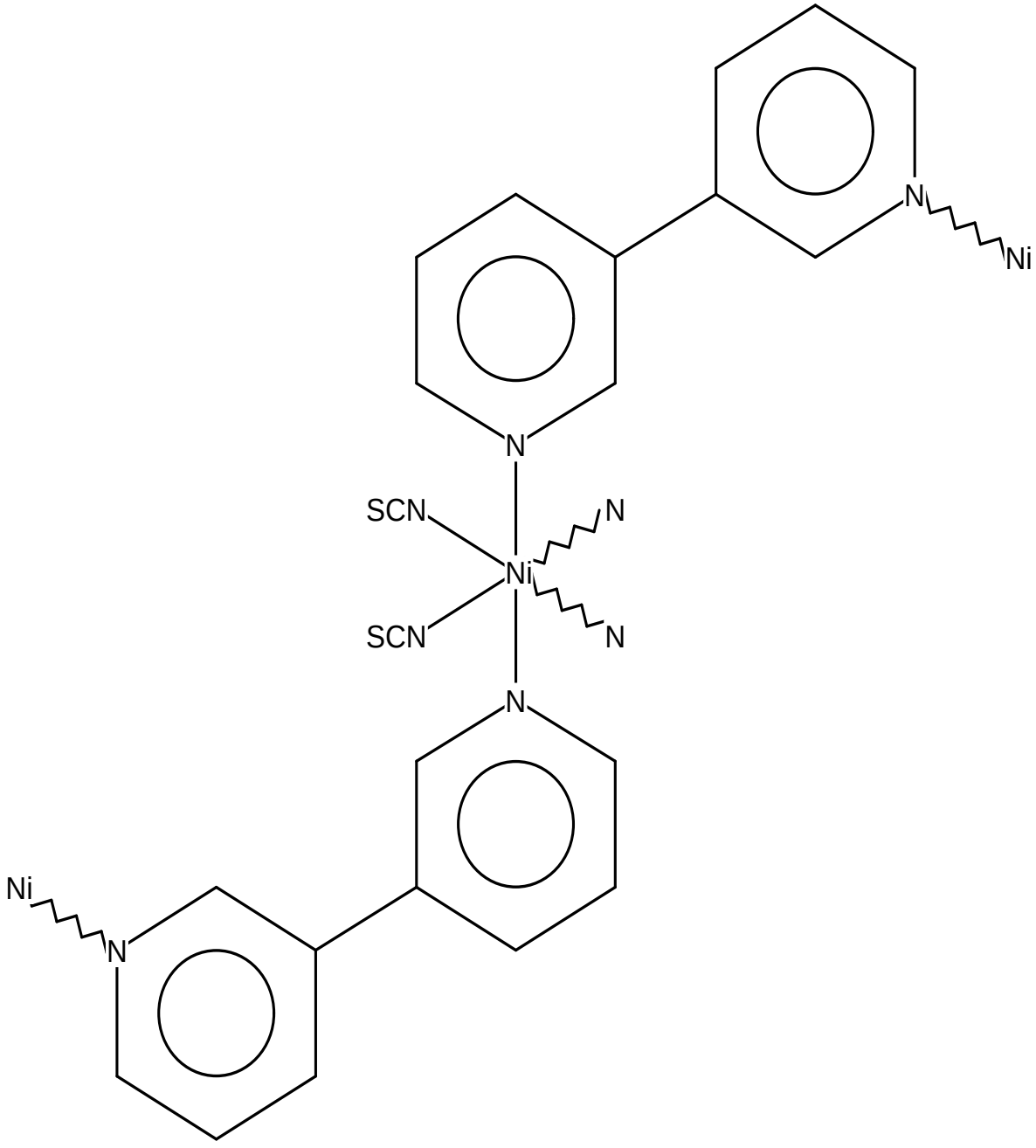
Reference: L.L.Johnston, A.Ursini, N.P.Oien, R.M.Supkowski, R.L.LaDuca (2007) *Inorg.Chim.Acta* ,**360,**3619

Formula: $(C_{22}\ H_{16}\ N_6\ Ni_1\ S_2)n$

Compound Name: catena-(bis(μ_2-3,3'-Bipyridine)-bis(isothiocyanato)-nickel(ii))

Space Group:	I41/a	***Cell:***	***a***	15.520(1)	***b***	15.520(1)	***c***	18.476(4)
Space Group No.:	88	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 4.61 ***Temperature(K):*** 293 ***Density(g/cm^3):*** 1.454



Supplementary Material (ESI) for Chemical Society Reviews
This journal is (c) The Royal Society of Chemistry 2012

Search Overview

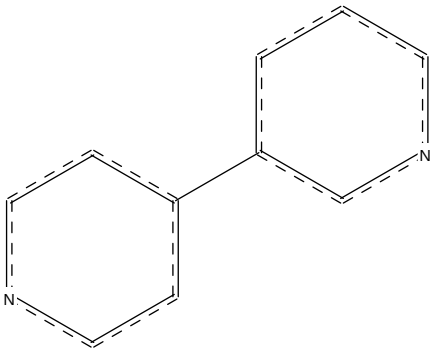
Search:	search3
Date/Time done:	Thu May 26 10:13:50 2011
Database(s):	CSD version 5.32 (November 2010) CSD version 5.32 updates (Nov 2010)
Restriction Info:	No refcode restrictions applied
Filters:	None
Percentage Completed:	100%
Number of Hits:	3

Summary of queries used. Search found structures that:

match

Query 1 **Query 2**

Query 1



Query 2

4M

This journal is (c) The Royal Society of Chemistry 2012

Search: search3 (Thu May 26 10:13:50 2011): Hit 1

GOWRUF

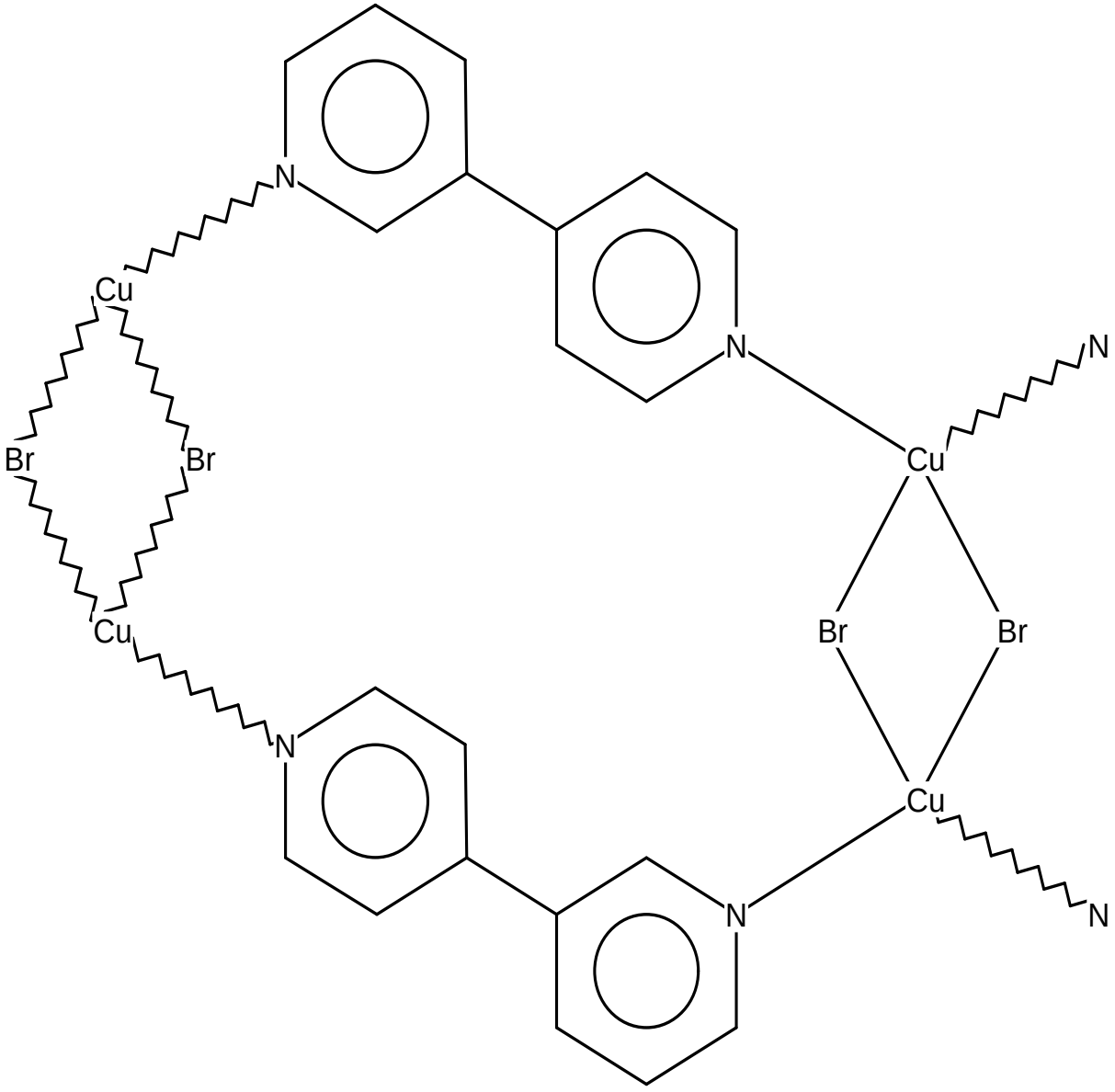
Reference: H.-K.Fun, S.S.S.Raj, Ren-Gen Xiong, Jing-Lin Zuo, Zhi Yu, Xiao-Lei Zhu, Xiao-Zheng You (1999) *J.Chem.Soc.,Dalton Trans.* ,1711

Formula: $(C_{20}\ H_{16}\ Br_2\ Cu_2\ N_4)n$

Compound Name: catena-((μ_2-Bromo)-(μ_2-3,4'-bipyridine)-copper(i))

Space Group:	P21/n	***Cell:***	***a***	9.494(0)	***b***	12.945(0)	***c***	16.951(0)
Space Group No.:	14	***(Å,°)***	α	90.00	β	90.92(0)	γ	90.00

R-Factor (%): 3.20 ***Temperature(K):*** 295 ***Density(g/cm^3):*** 1.911



This journal is (c) The Royal Society of Chemistry 2012

Search: search3 (Thu May 26 10:13:50 2011): Hit 2

MIYZEZ

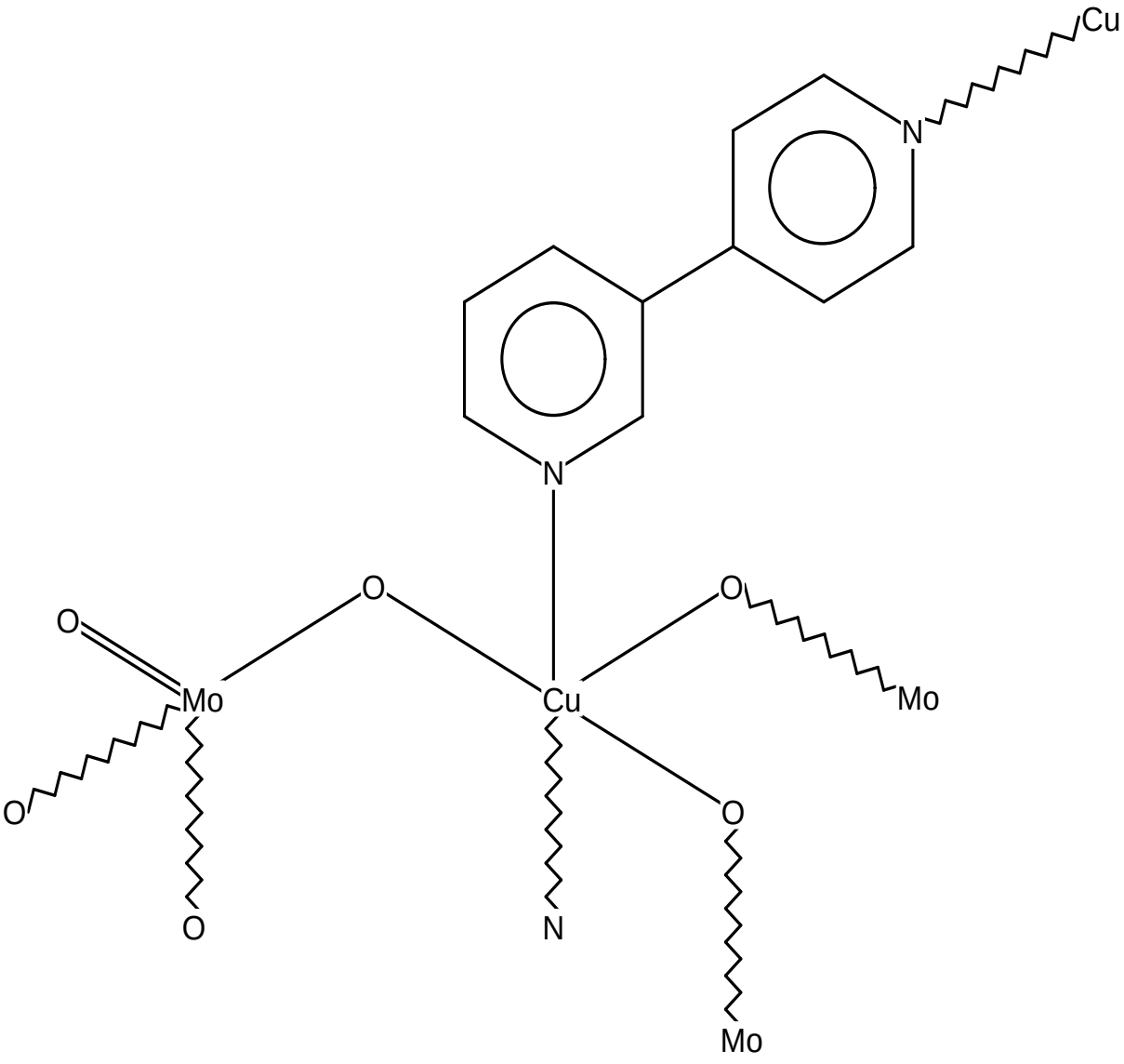
Reference: R.S.Rarig Junior, R.Lam, P.Y.Zavalij, J.K.Ngala, R.L.LaDuca Junior, J.E.Greedan, J.Zubieta (2002) *Inorg.Chem. ,***41,** 2124

Formula: $(C_{10}\ H_8\ Cu_1\ Mo_1\ N_2\ O_4)n$

Compound Name: catena-(μ_2-3,4'-Bipyridyl-N,N')-tris(μ_2-oxo)-oxo-copper(ii)-molybdenum)

Space Group:	Pbca	***Cell:***	***a***	12.482(0)	***b***	9.170(0)	***c***	19.565(0)
Space Group No.:	61	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 2.99 ***Temperature(K):*** 90 ***Density(g/cm^3):*** 2.252



This journal is (c) The Royal Society of Chemistry 2012

Search: search3 (Thu May 26 10:13:50 2011): Hit 3

UGAQEY

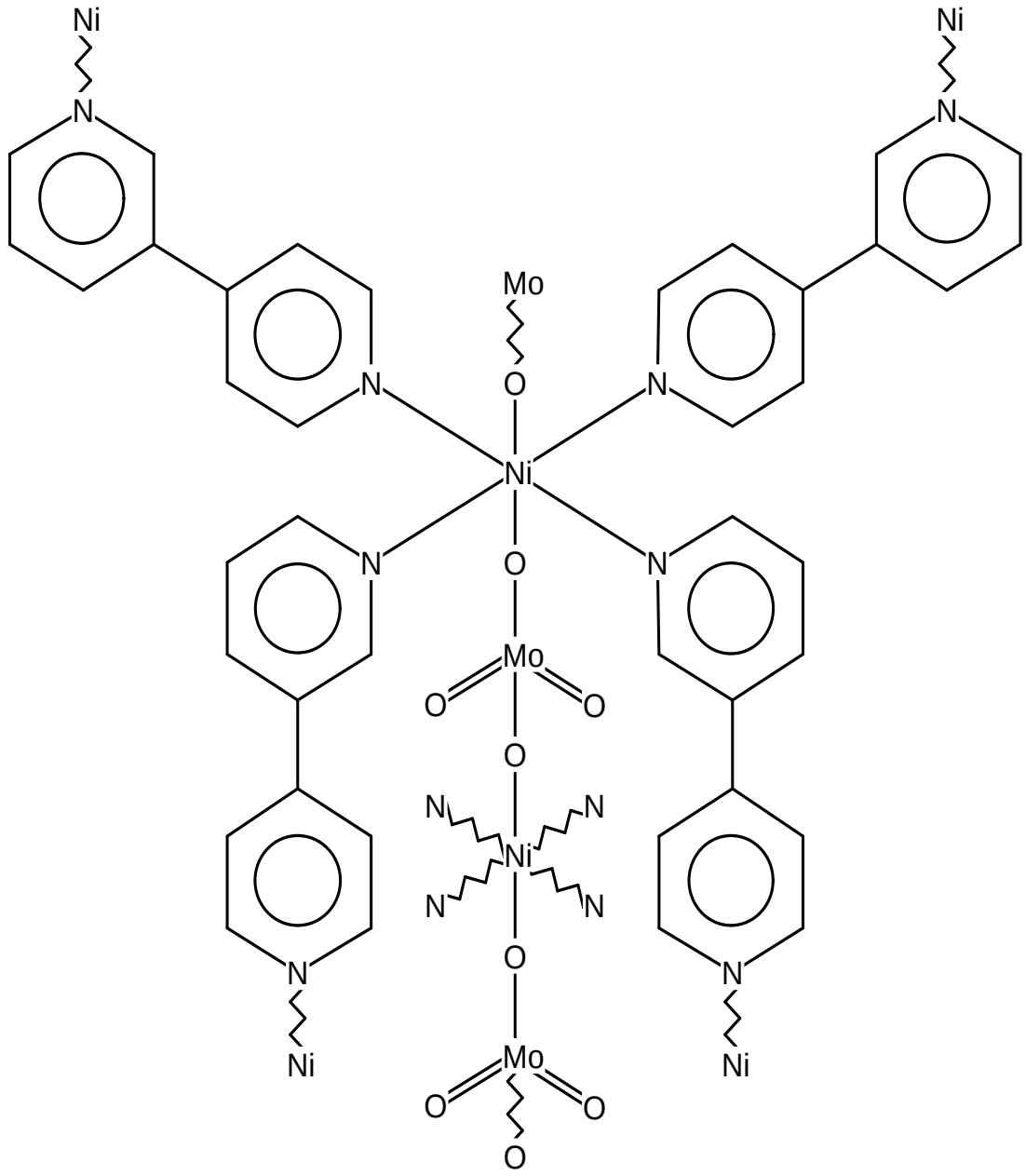
Reference: R.L.LaDuca Junior, M.Desiak, R.S.Rarig Junior, J.Zubieta (2002) *Inorg.Chim.Acta* ,**332,**79

Formula: $(C_{40}\ H_{32}\ Mo_2\ N_8\ Ni_2\ O_8)n,6n(H_2\ O_1)$

Compound Name: catena-[tetrakis(μ_2-3,4'-Bipyridine)-tetrakis(μ_2-oxo)-tetraoxa-di-molybdenum(vi)-di-nickel(ii) hexahydrate]

Space Group:	P41212	***Cell:***	***a***	13.187(0)	***b***	13.187(0)	***c***	29.458(1)
Space Group No.:	92	***(Å,°)***	α	90.00	β	90.00	γ	90.00

R-Factor (%): 5.75 ***Temperature(K):*** 150 ***Density(g/cm^3):*** 1.517



H_2O