

Search Overview

Search: search28
Date/Time done: Thu May 26 10:48:21 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: 4

Summary of queries used. Search found structures that:

match

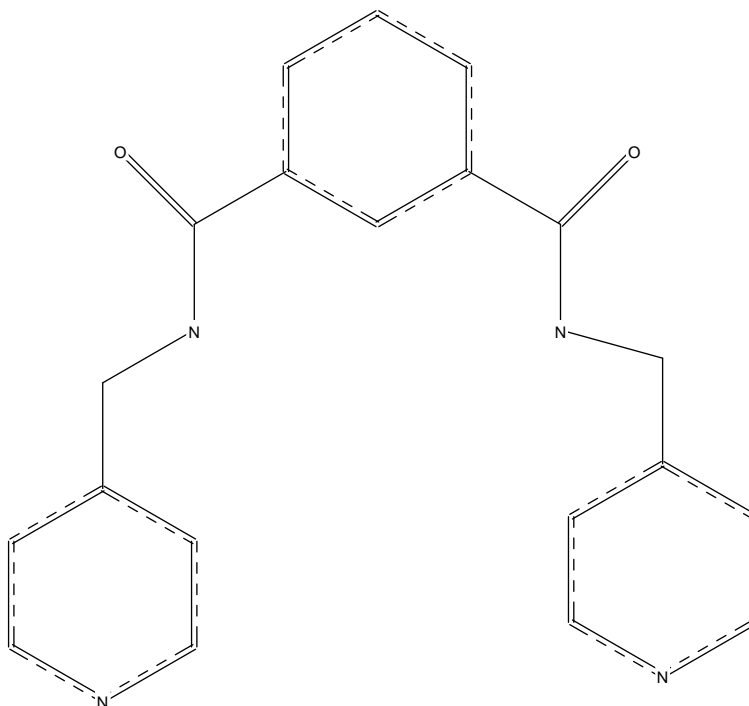
Query 2

Query 3

Query 2

4M

Query 3



Search: search28 (Thu May 26 10:48:21 2011): Hit 1

DOQQAB

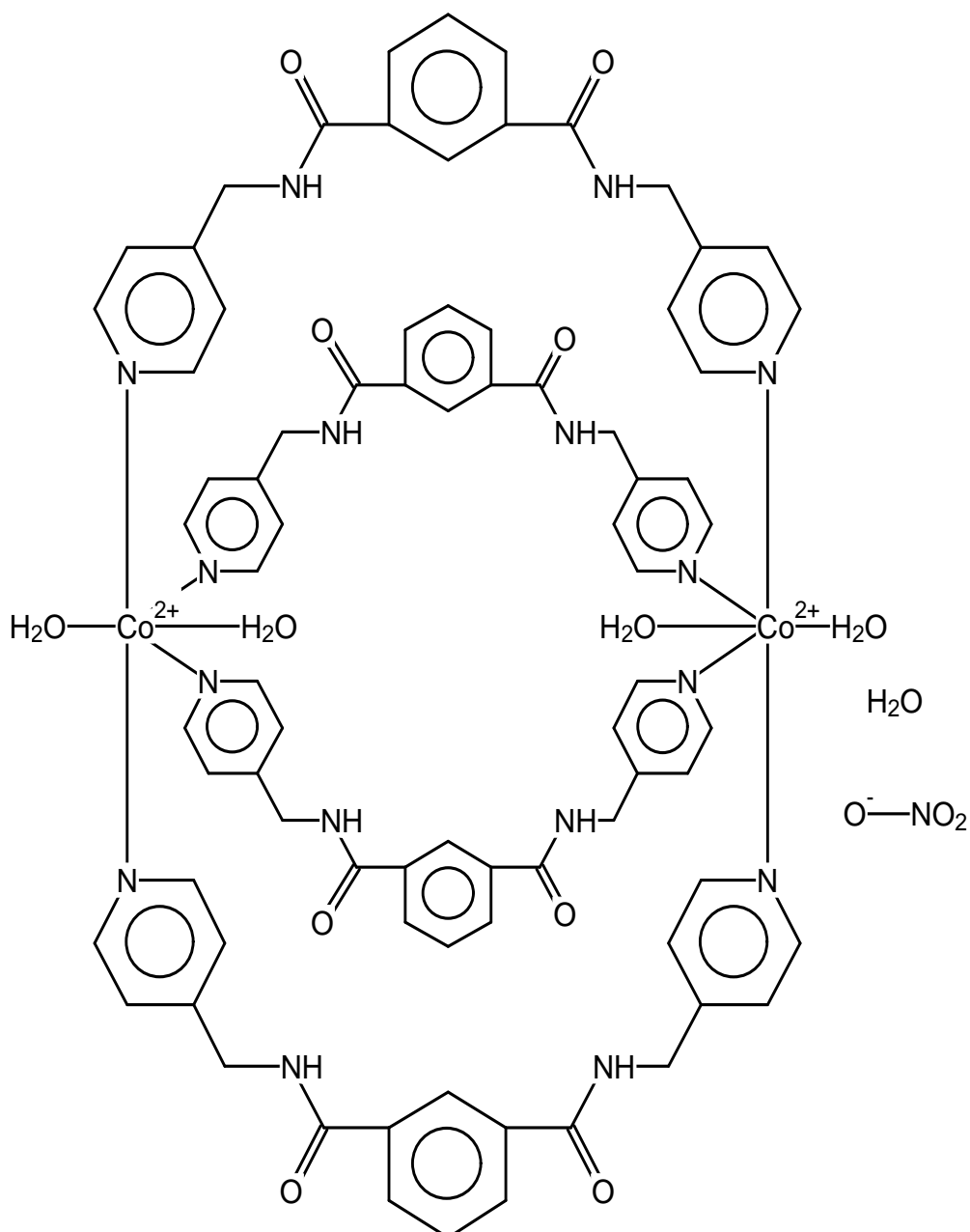
Reference: L.J.Barbour, G.W.Orr, J.L.Atwood (2000) *Chem. Commun.* , 859

Formula: $C_{80} H_{80} Co_2 N_{16} O_{12}^{4+}, 4(N_1 O_3^{1-}), 12(H_2 O_1)$

Compound Name: tetrakis(μ_2 -Benzene-1,3-bis(N-(4-pyridylmethyl)carboxamide))-tetra-aqua-di-cobalt(ii) tetranitrate dihydrate clathrate decahydrate

Space Group: C2/c **Cell:** **a** 21.886(1) **b** 19.623(1) **c** 22.170(1)
Space Group No.: 15 (**Å, °**) α 90.00 β 90.89(0) γ 90.00

R-Factor (%): 6.73 **Temperature(K):** 173 **Density(g/cm³):** 1.423



Search: search28 (Thu May 26 10:48:21 2011): Hit 3

NUGROW

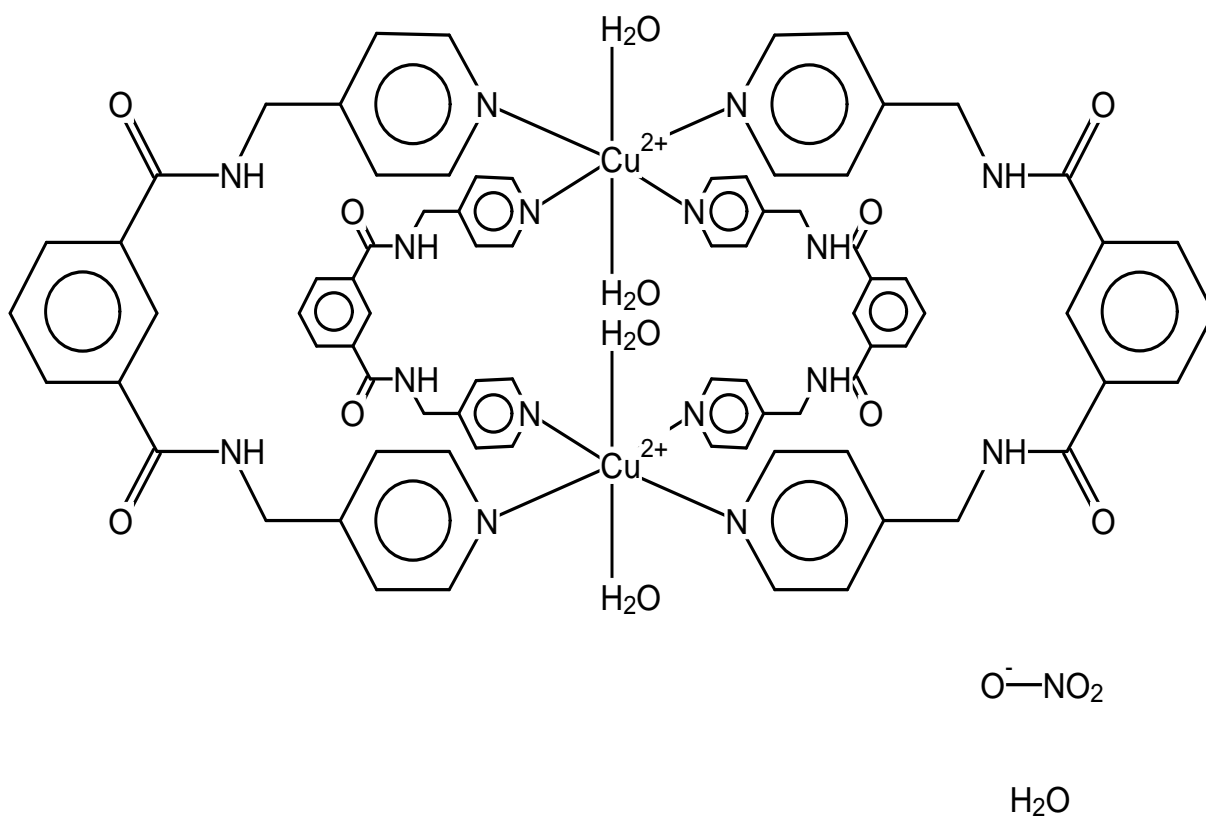
Reference: L.J.Barbour, G.W.Orr, J.L.Atwood (1998) *Nature (London)*, **393**,671

Formula: $C_{80} H_{80} Cu_2 N_{16} O_{12}^{4+}, 4(N_1 O_3^{1-}), 12(H_2 O_1)$

Compound Name: tetrakis(μ_2 -Benzene-1,3-bis(N-4-pyridylmethyl)carbamoyl)-tetra-aqua-di-copper(ii) tetranitrate dodecahydrate

Space Group: I41/a **Cell:** **a** 21.927(0) **b** 21.927(0) **c** 39.754(2)
Space Group No.: 88 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 9.62 **Temperature(K):** 295 **Density(g/cm³):** 1.424



Search: search28 (Thu May 26 10:48:21 2011): Hit 4

YIJBUP

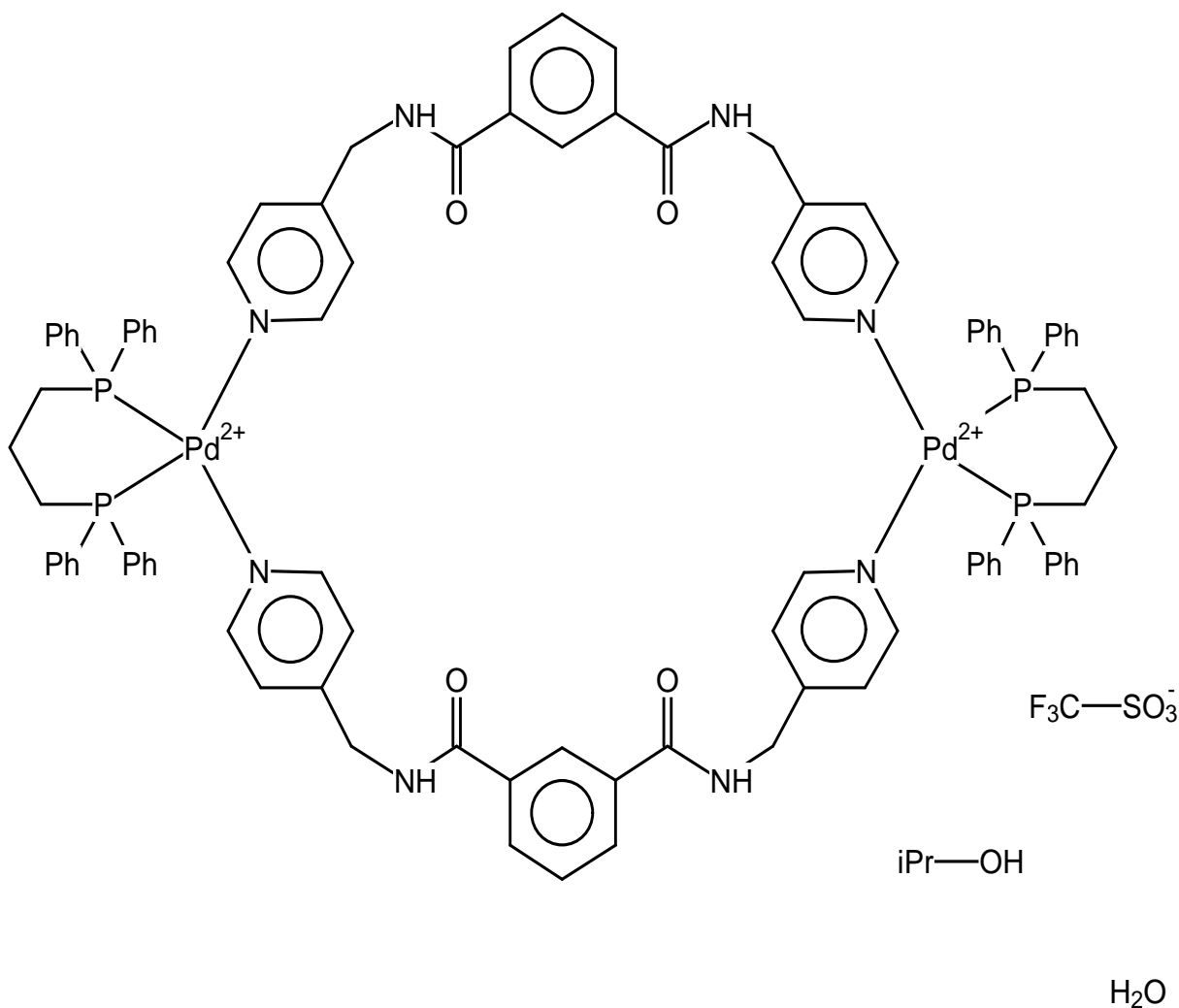
Reference: P.Diaz, J.A.Tovilla, P.Ballester, J.Benet-Buchholz, R.Vilar
(2007) *Dalton Trans.* ,3516

Formula: $C_{94} H_{88} N_8 O_4 P_4 Pd_2^{4+}, 4(C_1 F_3 O_3 S_1^{-}), 0.75(C_3 H_8 O_1), 2(H_2 O_1)$

Compound Name: bis((μ_2 -1,3-bis(N-(4-Pyridylmethyl)carbamoyl)benzene)-(1,3-bis(diphenylphosphino)propane)-palladium(ii))
tetrakis(trifluoromethanesulfonate) isopropanol solvate dihydrate

Space Group: P-1 **Cell:** **a** 15.844(0) **b** 18.838(0) **c** 20.698(0)
Space Group No.: 2 **(Å, °)** α 95.68(0) β 94.48(0) γ 104.57(0)

R-Factor (%): 8.41 **Temperature(K):** 100 **Density(g/cm³):** 1.352



Search Overview

Search: search29
Date/Time done: Thu May 26 10:49:40 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: 2

Summary of queries used. Search found structures that:

match

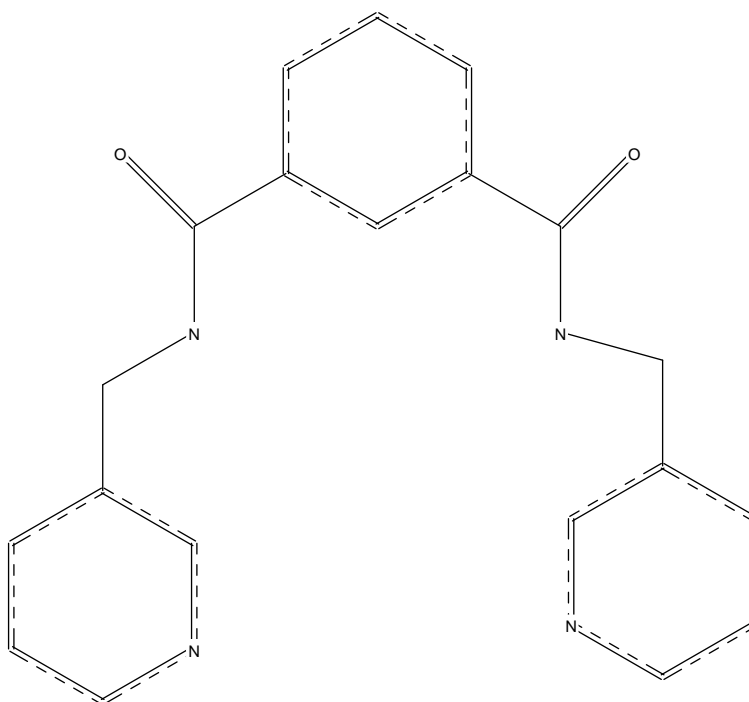
Query 2

Query 3

Query 2

4M

Query 3



Search: search29 (Thu May 26 10:49:40 2011): Hit 1

FUJLOM

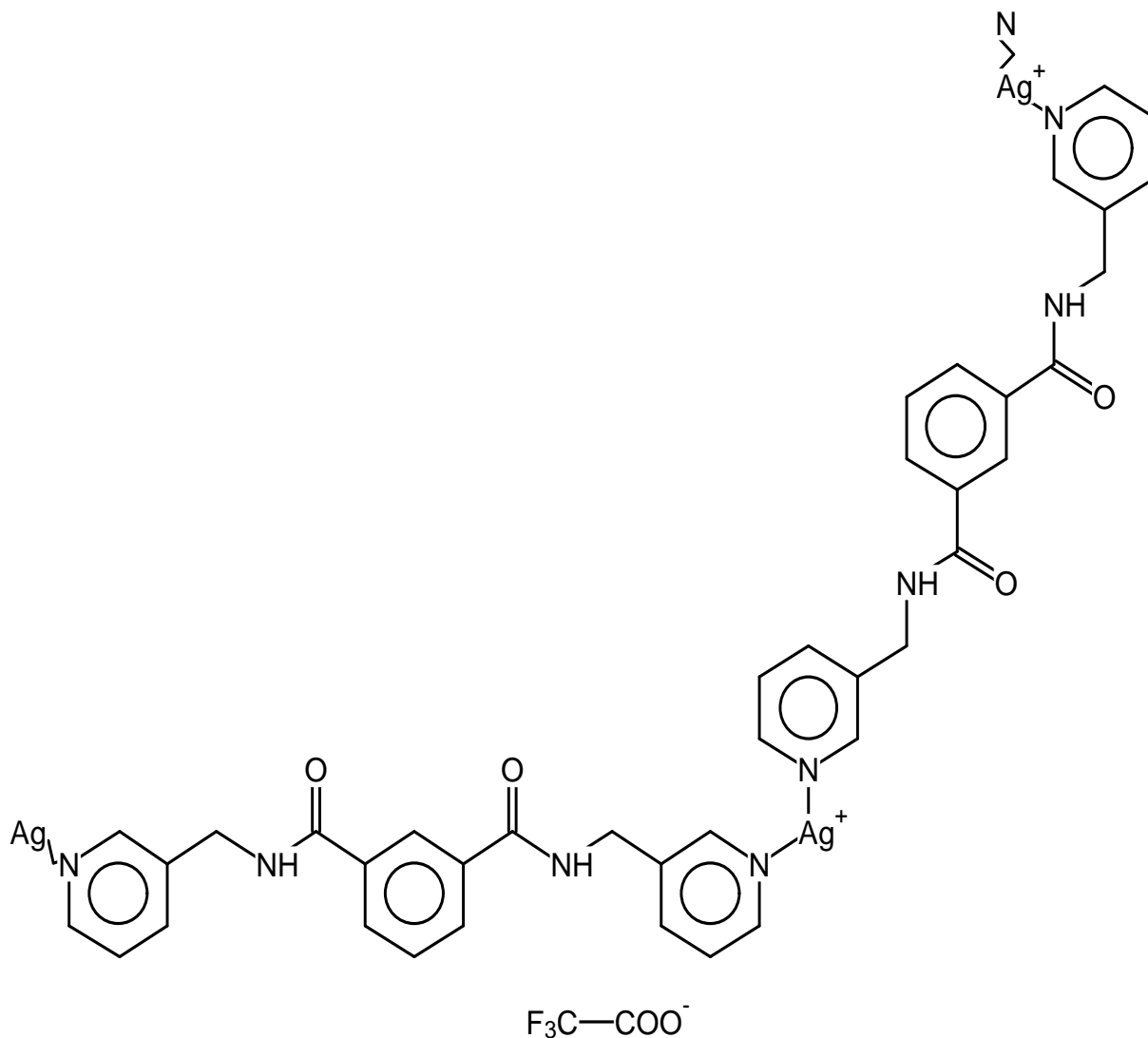
Reference: N.L.S.Yue, M.C.Jennings, R.J.Puddephatt (2010)
Dalton Trans., **39**,1273

Formula: $(C_{40} H_{36} Ag_2 N_8 O_4^{2+})_n, 2n(C_2 F_3 O_2^{1-})$

Compound Name: catena-(bis(μ_2 -1,3-bis(3-Pyridylmethylaminocarbonyl)benzene-N,N')-di-silver bis(trifluoroacetate))

Space Group: P21/c **Cell:** **a** 10.745(0) **b** 11.395(0) **c** 18.236(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.08(0) γ 90.00

R-Factor (%): 5.46 **Temperature(K):** 150 **Density(g/cm³):** 1.709



Search: search29 (Thu May 26 10:49:40 2011): Hit 2

FUJLUS

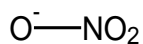
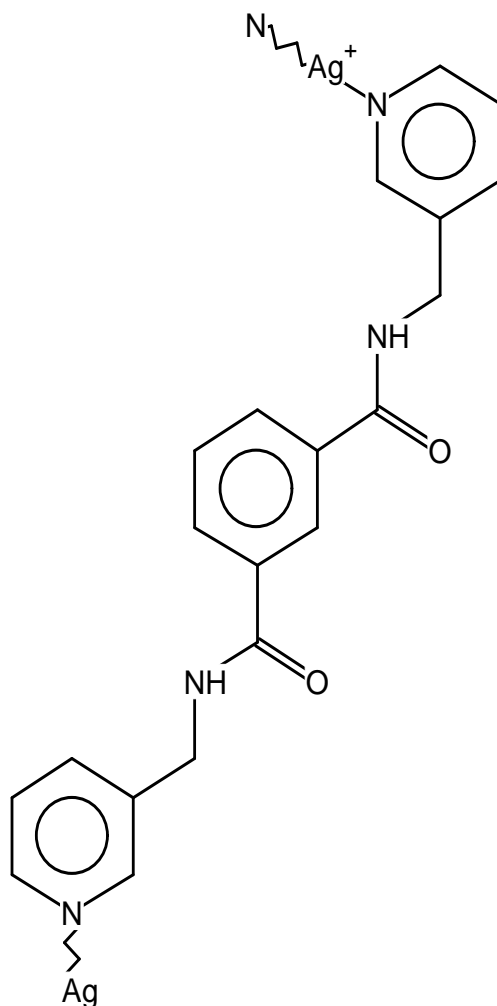
Reference: N.L.S.Yue, M.C.Jennings, R.J.Puddephatt (2010)
Dalton Trans., **39**,1273

Formula: (C₂₀ H₁₈ Ag₁ N₄ O₂¹⁺)_n,n(N₁ O₃¹⁻)

Compound Name: catena-((μ₂-1,3-bis(3-Pyridylmethylaminocarbonyl)benzene-N,N')-silver nitrate)

Space Group: Pbc_a **Cell:** **a** 13.225(0) **b** 9.678(0) **c** 30.769(1)
Space Group No.: 61 **(Å, °)** **α** 90.00 **β** 90.00 **γ** 90.00

R-Factor (%): 4.37 **Temperature(K):** 150 **Density(g/cm³):** 1.742



Search Overview

Search: search30
Date/Time done: Thu May 26 10:52:30 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: 4

Summary of queries used. Search found structures that:

match

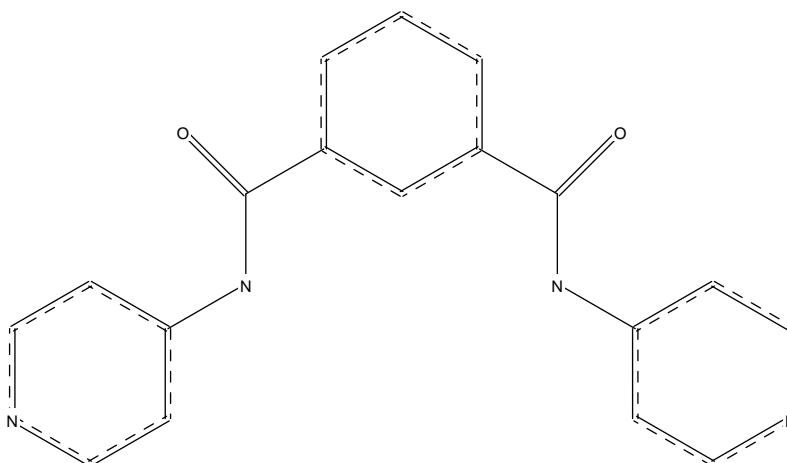
Query 2

Query 3

Query 2

4M

Query 3



Search: search30 (Thu May 26 10:52:30 2011): Hit 1

MIGSEA

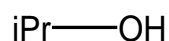
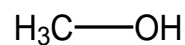
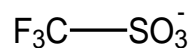
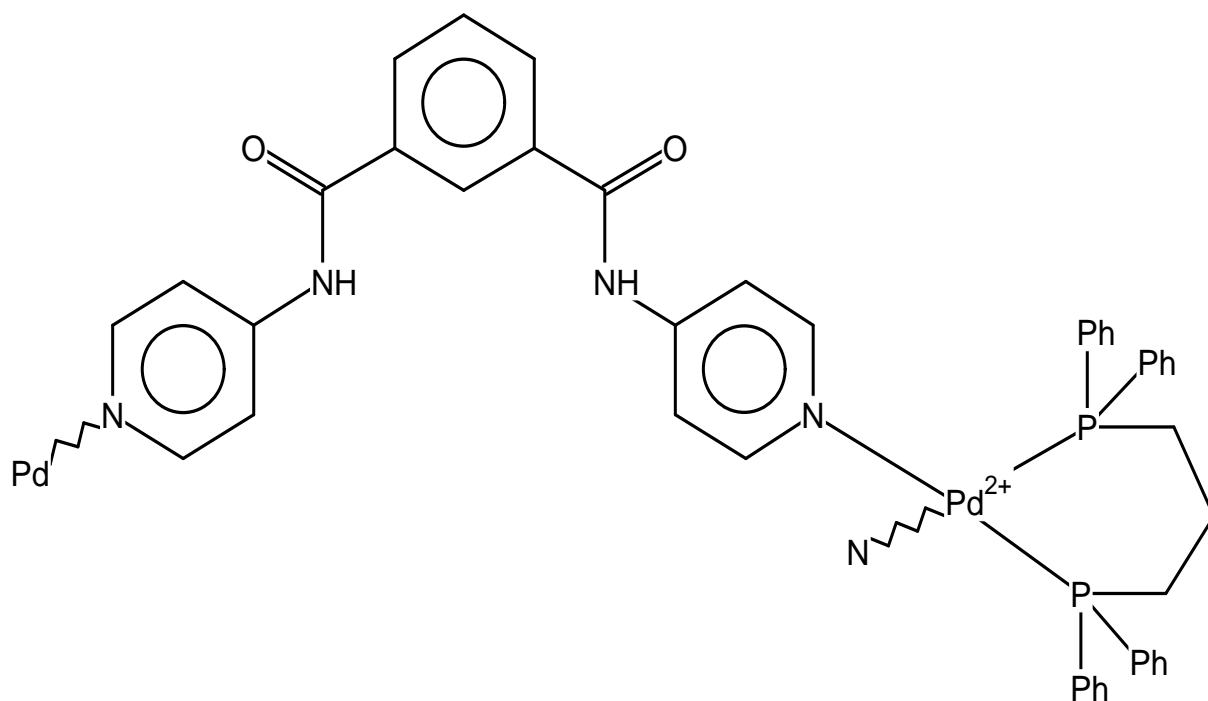
Reference: Zengquan Qin, M.C.Jennings, R.J.Puddephatt (2002)
Chem. Commun. ,354

Formula: (C₄₅ H₄₀ N₄ O₂ P₂ Pd₁²⁺)_n, 2n(C₁ F₃ O₃ S₁¹⁻), n(C₁ H₄ O₁), n(C₃ H₈ O₁)

Compound Name: catena-((μ₂-N,N'-bis(Pyridin-4-yl)isophthalamide-N,N')-(1,3-bis(diphenylphosphino)propane)-palladium(ii) bis(trifluoromethanesulfonate) methanol isopropanol solvate)

Space Group: P21/n **Cell:** **a** 16.301(0) **b** 20.156(0) **c** 17.293(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 92.84(0) **γ** 90.00

R-Factor (%): 12.59 **Temperature(K):** 200 **Density(g/cm³):** 1.437



Search: search30 (Thu May 26 10:52:30 2011): Hit 2

MIGSEA01

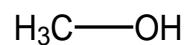
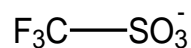
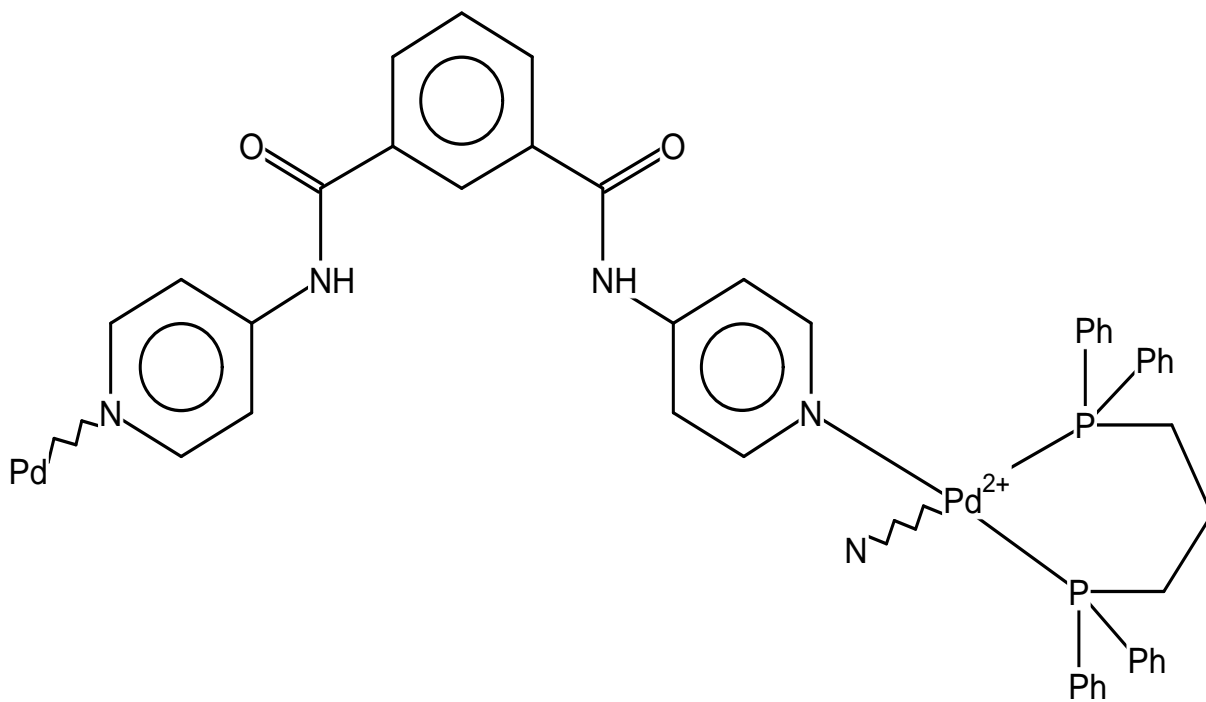
Reference: Zengquan Qin, M.C.Jennings, R.J.Puddephatt (2003)
Inorg.Chem. ,**42**,1956

Formula: (C₄₅ H₄₀ N₄ O₂ P₂ Pd₁²⁺)_n,2n(C₁ F₃ O₃ S₁¹⁻),n(C₁ H₄ O₁),n(C₃ H₈ O₁)

Compound Name: catena-((μ₂-N,N'-bis(Pyridin-4-yl)isophthalamide-N,N')-(1,3-bis(diphenylphosphino)propane-P,P')-palladium(ii) bis(trifluoromethanesulfonate) methanol isopropanol solvate)

Space Group: P21/n **Cell:** **a** 16.301(0) **b** 20.156(0) **c** 17.293(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 92.84(0) **γ** 90.00

R-Factor (%): 7.32 **Temperature(K):** 200 **Density(g/cm³):** 1.437



Search: search30 (Thu May 26 10:52:30 2011): Hit 3

VUJVM

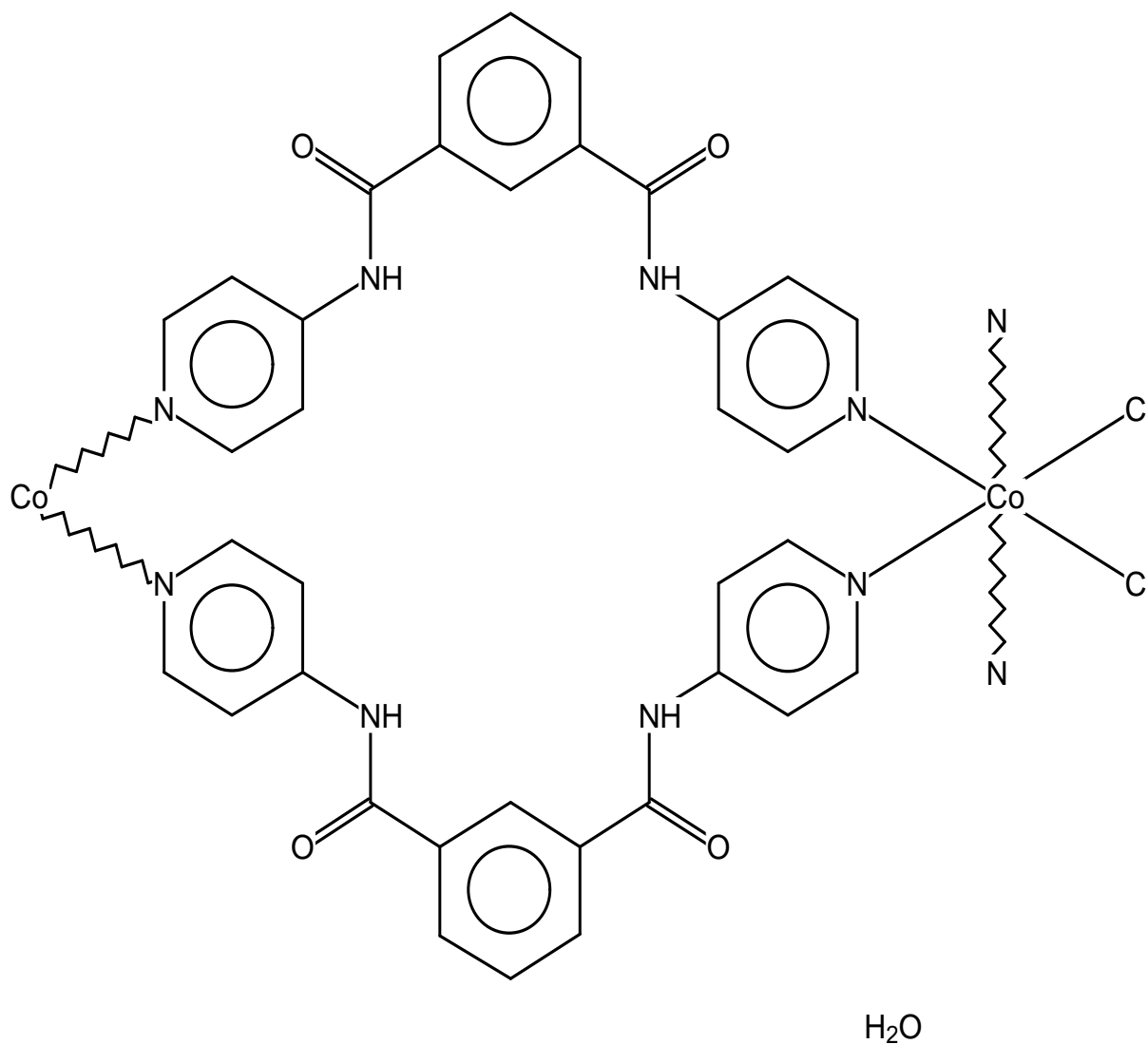
Reference: N.N.Adarsh, D.K.Kumar, P.Dastidar (2009)
CrystEngComm ,11,796

Formula: (C₃₆ H₂₈ Cl₂ Co₁ N₈ O₄)_n.5.5n(H₂ O₁)

Compound Name: catena-(bis(μ₂-N,N'-bis(4-Pyridyl)isophthalamide-N,N')-dichloro-cobalt(ii) hydrate)

Space Group: P3221 **Cell:** **a** 14.480(0) **b** 14.480(0) **c** 18.935(1)
Space Group No.: 154 **(Å, °)** **α** 90.00 **β** 90.00 **γ** 120.00

R-Factor (%): 5.85 **Temperature(K):** 298 **Density(g/cm³):** 1.254



Search: search30 (Thu May 26 10:52:30 2011): Hit 4

VUJVUS

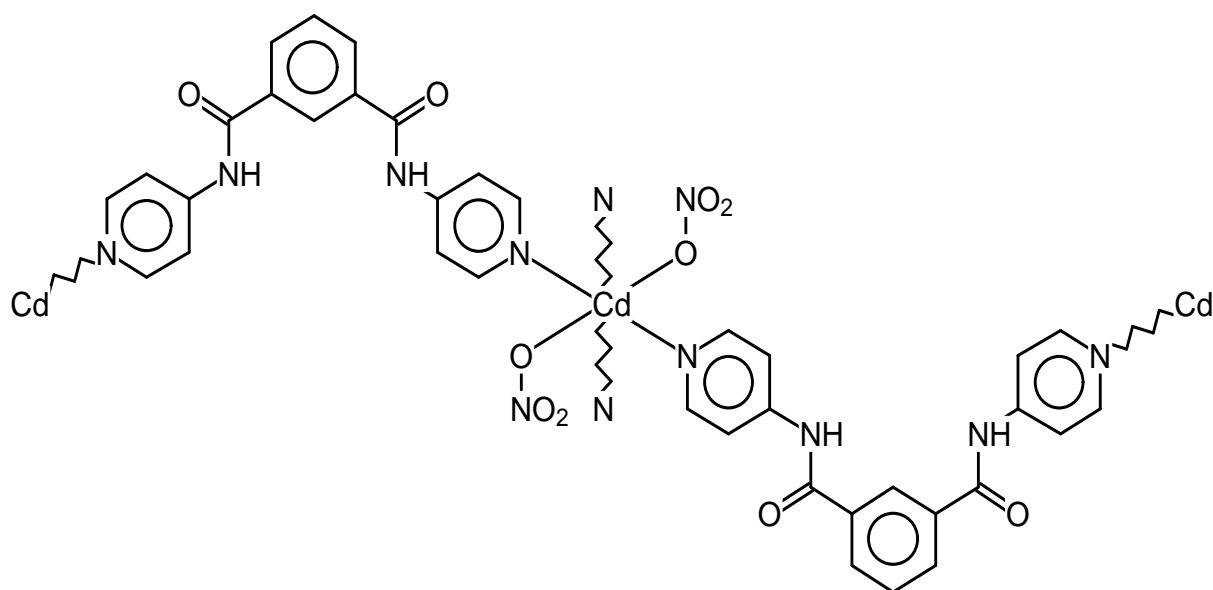
Reference: N.N.Adarsh, D.K.Kumar, P.Dastidar (2009)
CrystEngComm ,11,796

Formula: (C₃₆ H₂₈ Cd₁ N₁₀ O₁₀)_n.1.5n(H₂ O₁)

Compound Name: catena-(bis(μ₂-N,N'-bis(4-Pyridyl)isophthalamide-N,N')-bis(nitrato-O)-cadmium(ii) sesquihydrate)

Space Group: P-1 **Cell:** **a** 9.131(4) **b** 11.139(4) **c** 20.248(7)
Space Group No.: 2 **(Å, °)** **α** 89.91(0) **β** 85.13(0) **γ** 70.81(0)

R-Factor (%): 7.68 **Temperature(K):** 298 **Density(g/cm³):** 1.543



H₂O

Search Overview

Search: search31
Date/Time done: Thu May 26 10:54:12 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: 14

Summary of queries used. Search found structures that:

match

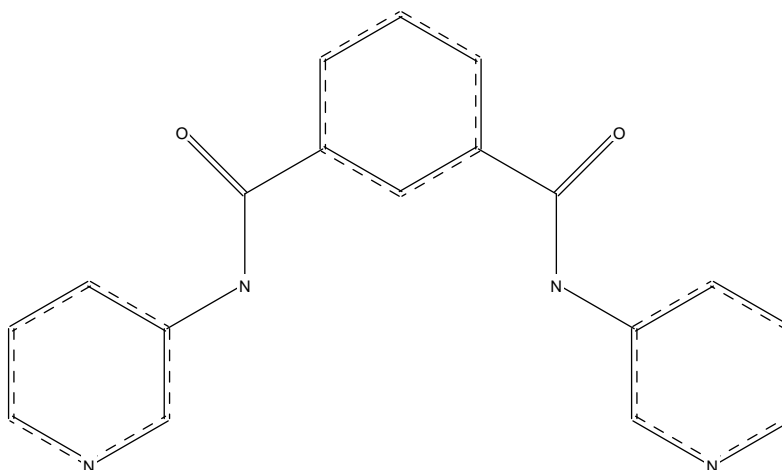
Query 1

Query 2

Query 1

4M

Query 2



Search: search31 (Thu May 26 10:54:12 2011): Hit 1

AFOGIM

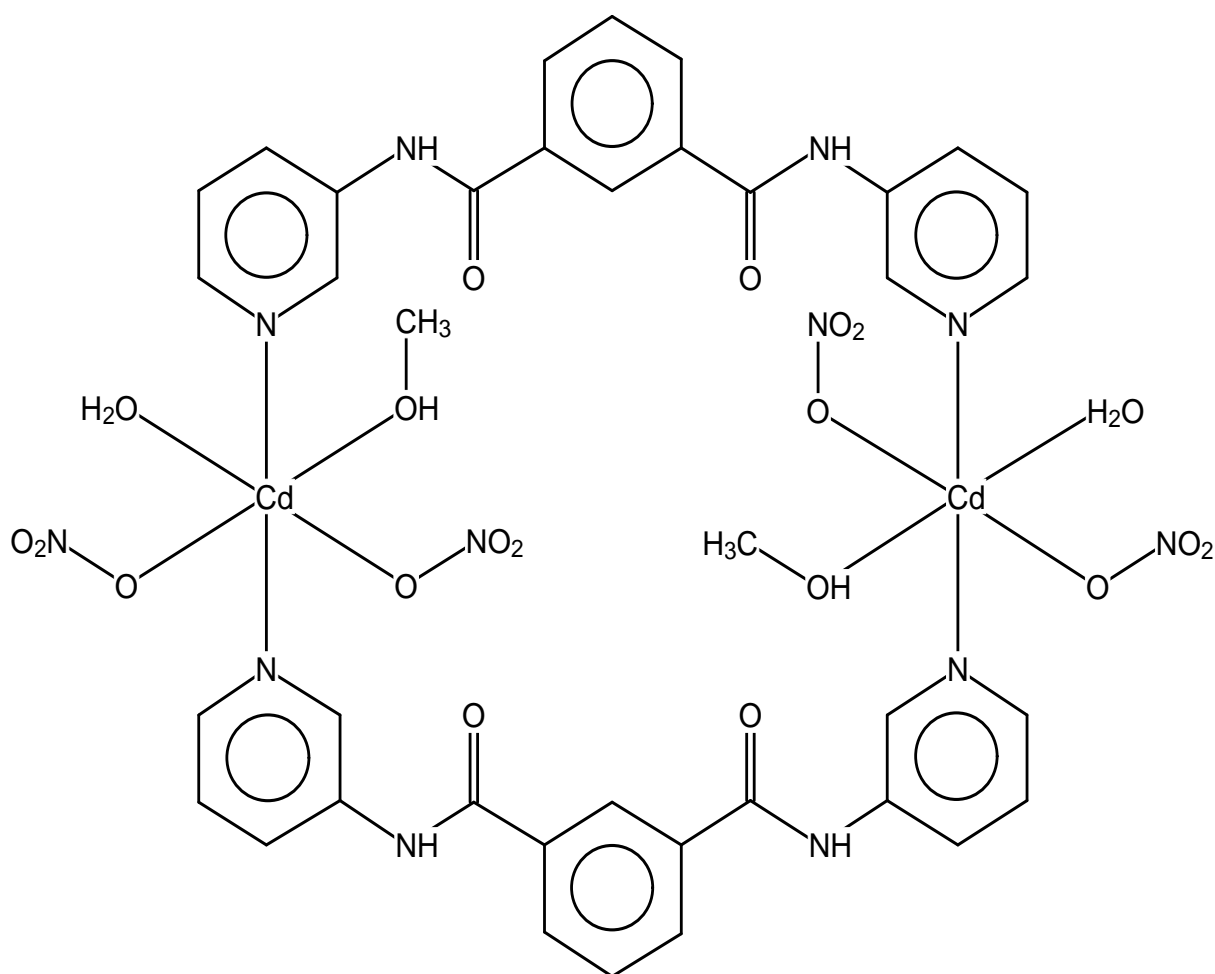
Reference: N.N.Adarsh, D.K.Kumar, P.Dastidar (2008)
Inorg.Chem.Commun. ,11,636

Formula: C₃₈ H₄₀ Cd₂ N₁₂ O₂₀

Compound Name: bis((μ₂-N,N'-bis(3-Pyridyl)isophthalamide)-aqua-(methanol)-bis(nitrato-O)-di-cadmium(ii))

Space Group: P21/c **Cell:** **a** 7.644(0) **b** 17.971(0) **c** 17.939(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 114.19(0) **γ** 90.00

R-Factor (%): 2.09 **Temperature(K):** 100 **Density(g/cm³):** 1.787



Search: search31 (Thu May 26 10:54:12 2011): Hit 2

AFOGOS

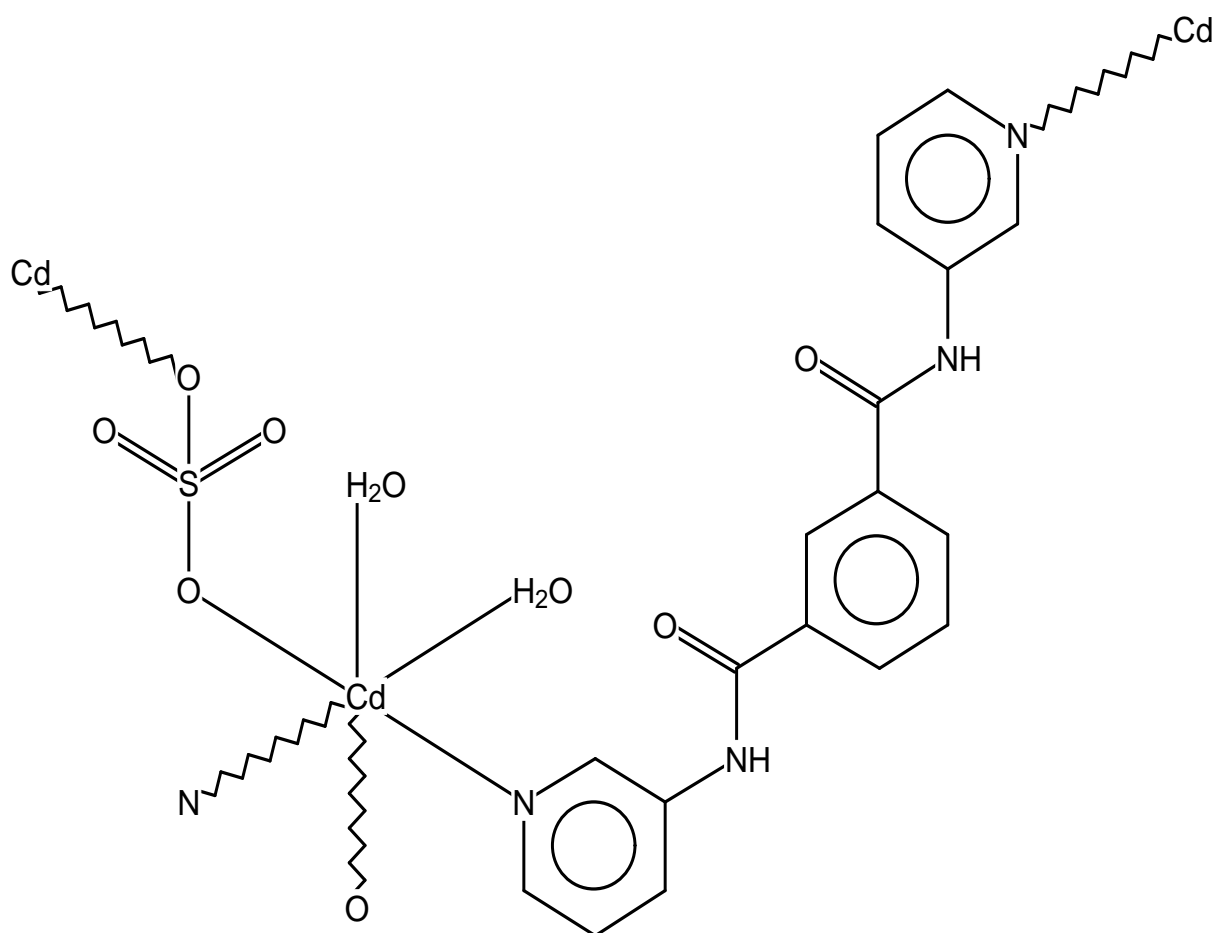
Reference: N.N.Adarsh, D.K.Kumar, P.Dastidar (2008)
Inorg.Chem.Commun. ,11,636

Formula: (C₁₈ H₁₈ Cd₁ N₄ O₈ S₁)_n

Compound Name: catena-((μ₂-N,N'-bis(3-Pyridyl)isophthalamide)-(μ₂-sulfato-O,O')-diaqua-cadmium(ii))

Space Group: P21/n **Cell:** **a** 8.067(0) **b** 28.516(3) **c** 9.156(1)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 104.33(0) **γ** 90.00

R-Factor (%): 3.09 **Temperature(K):** 100 **Density(g/cm³):** 1.832



Search: search31 (Thu May 26 10:54:12 2011): Hit 3

ELEPOA

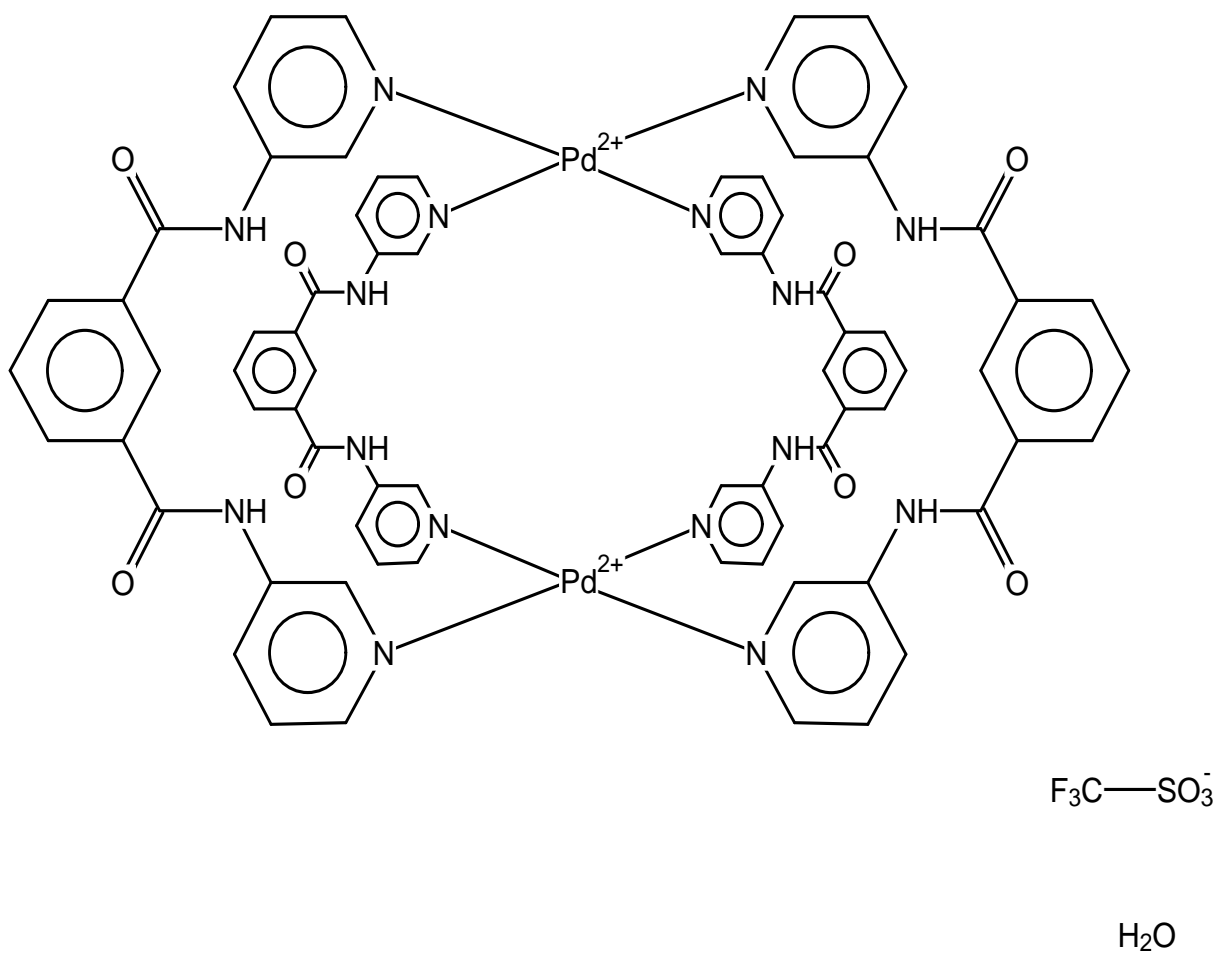
Reference: N.Yue, Zengquan Qin, M.C.Jennings, D.J.Eisler,
R.J.Puddephatt (2003) *Inorg.Chem.Commun.* ,6,1269

Formula: $C_{72} H_{56} N_{16} O_8 Pd_2^{4+}, 4(C_1 F_3 O_3 S_1^{1-}), 2(H_2 O_1)$

Compound Name: tetrakis(μ_2 -1,3-bis(N-(3-Pyridyl)carbamoyl)benzene)-di-palladium(ii)
tetrakis(trifluoromethanesulfonate) dihydrate clathrate

Space Group: P21/c **Cell:** **a** 15.318(0) **b** 26.705(0) **c** 14.598(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 115.22(0) γ 90.00

R-Factor (%): 4.11 **Temperature(K):** 200 **Density(g/cm³):** 1.302



Search: search31 (Thu May 26 10:54:12 2011): Hit 4

ELEPUG

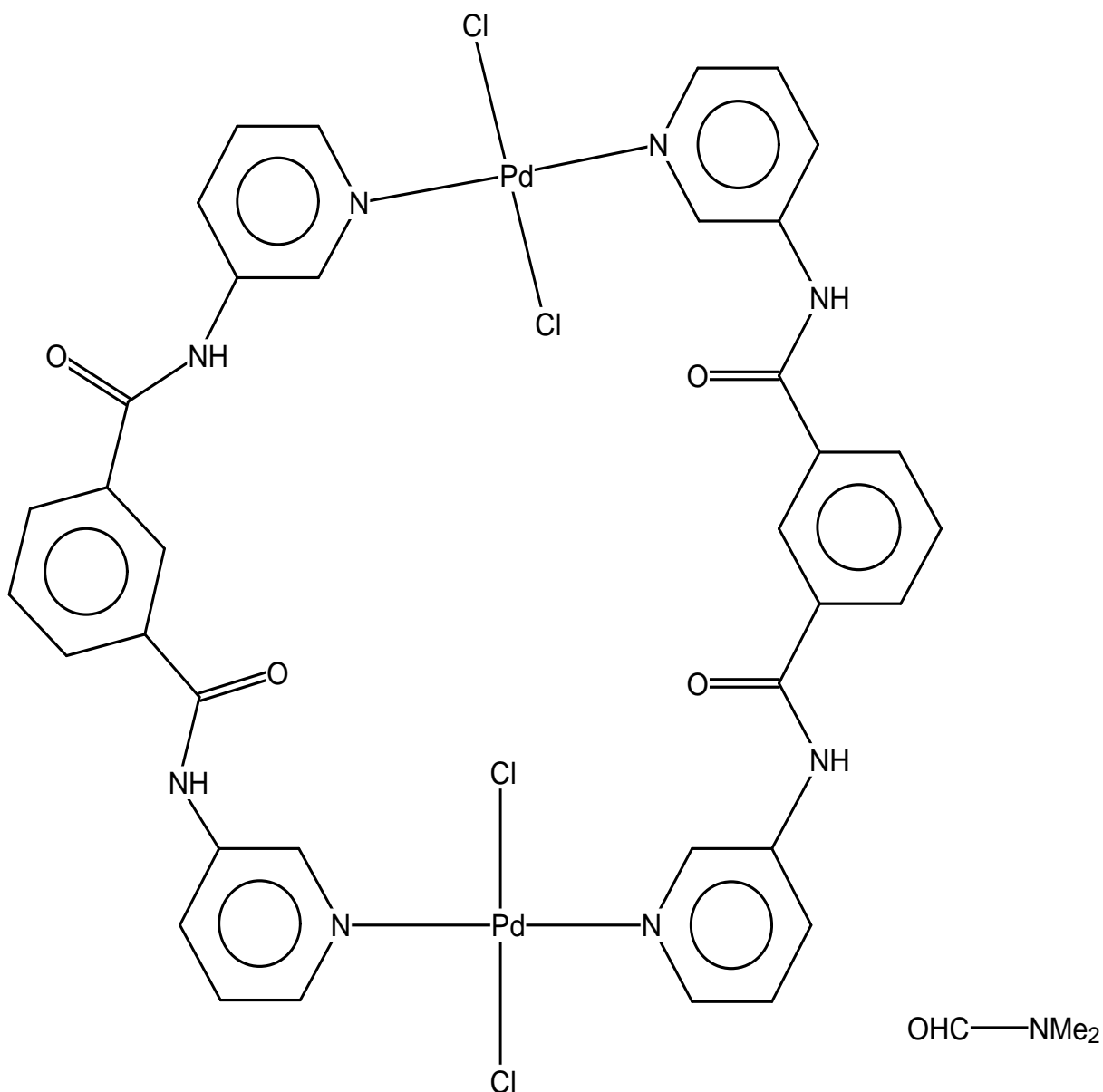
Reference: N.Yue, Zengquan Qin, M.C.Jennings, D.J.Eisler,
R.J.Puddephatt (2003) *Inorg.Chem.Commun.* ,6,1269

Formula: C₃₆ H₂₈ Cl₄ N₈ O₄ Pd₂,2(C₃ H₇ N₁ O₁)

Compound Name: trans,trans-bis(μ_2 -1,3-bis(N-(3-Pyridyl)carbamoyl)benzene)-bis(dichloro-palladium(ii)) dimethylformamide clathrate dimethylformamide solvate

Space Group: C2/c **Cell:** **a** 23.632(0) **b** 8.404(0) **c** 22.987(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 97.93(0) γ 90.00

R-Factor (%): 5.03 **Temperature(K):** 200 **Density(g/cm³):** 1.671



Search: search31 (Thu May 26 10:54:12 2011): Hit 5

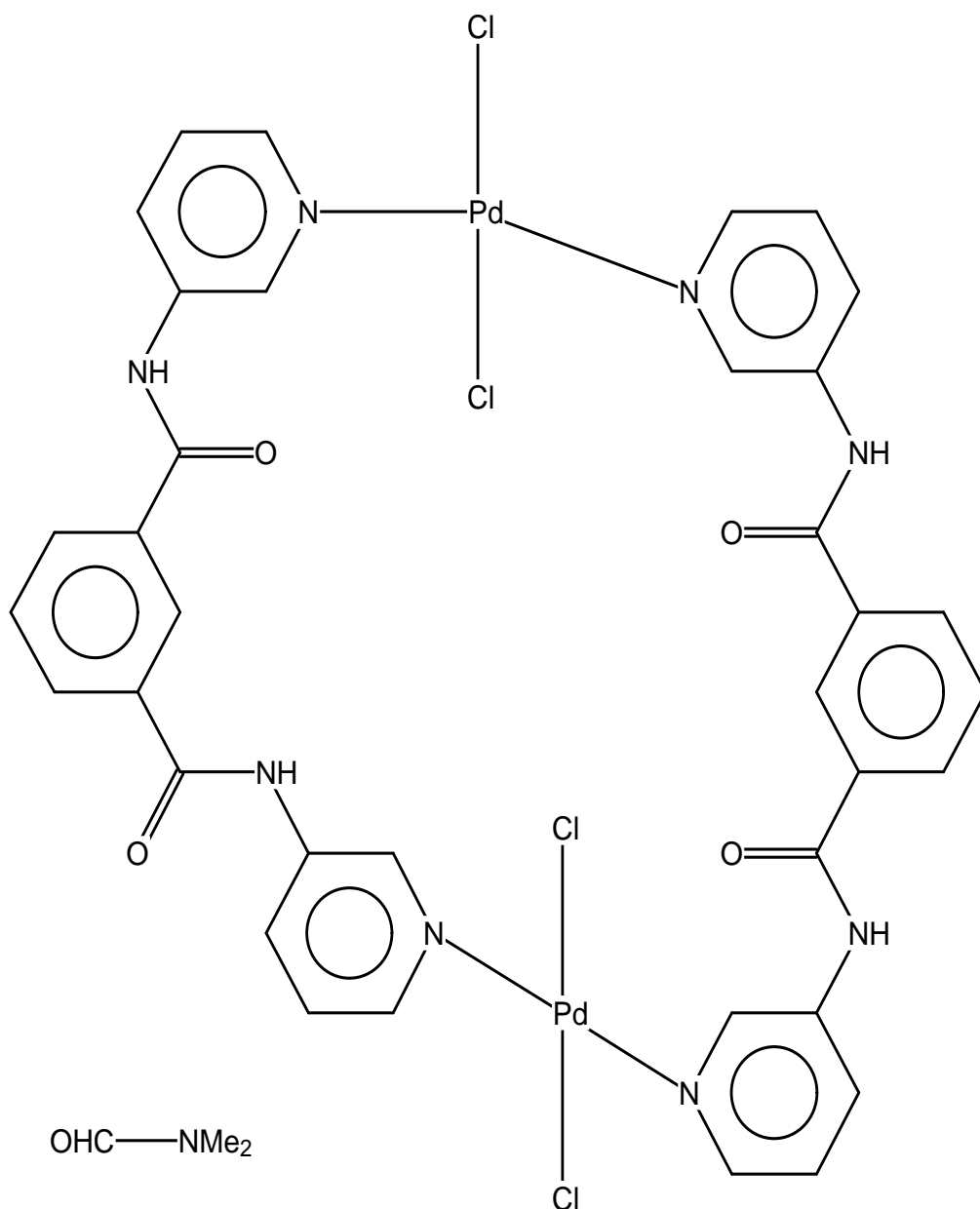
ELEPUG01

Reference: N.L.S.Yue, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2004) *Inorg.Chem.* ,**43**,7671

Formula: C₃₆ H₂₈ Cl₄ N₈ O₄ Pd₂·2(C₃ H₇ N₁ O₁)

Compound Name: trans,trans-bis(μ₂-N,N'-bis(3-Pyridyl)benzene-1,3-dicarboxamide)-tetrachloro-di-palladium(ii) N,N-dimethylformamide clathrate N,N-dimethylformamide solvate

Space Group:	C2/c	Cell:	a 23.632(0)	b 8.404(0)	c 22.987(0)
Space Group No.:	15	(Å, °)	α 90.00	β 97.93(0)	γ 90.00
R-Factor (%):	5.03	Temperature(K):	200	Density(g/cm³):	1.671



Search: search31 (Thu May 26 10:54:12 2011): Hit 7

ELEQAN01

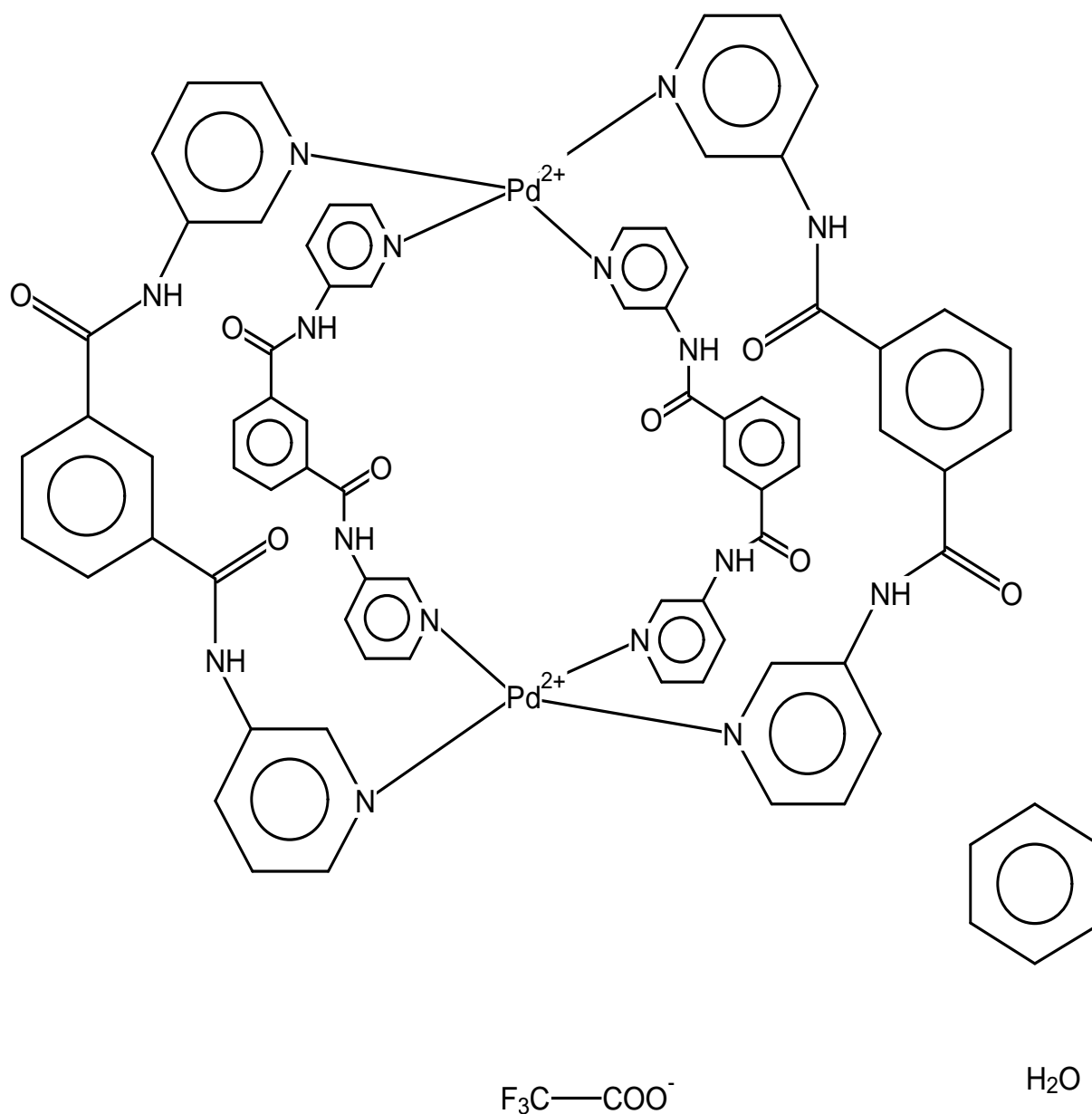
Reference: N.L.S.Yue, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2004) *Inorg.Chem.*, **43**,7671

Formula: $C_{72} H_{56} N_{16} O_8 Pd_2^{4+}, 4(C_2 F_3 O_2^{1-}), C_6 H_6, 2(H_2 O_1)$

Compound Name: tetrakis(μ_2 -N,N'-bis(3-Pyridyl)benzene-1,3-dicarboxamide)-di-palladium(ii) dihydrate clathrate tetrakis(trifluoroacetate) benzene solvate

Space Group: P-1 **Cell:** **a** 12.965(0) **b** 13.145(0) **c** 15.860(0)
Space Group No.: 2 **(Å, °)** α 81.91(0) β 88.59(0) γ 68.95(0)

R-Factor (%): 7.66 **Temperature(K):** 200 **Density(g/cm³):** 1.365



Search: search31 (Thu May 26 10:54:12 2011): Hit 8

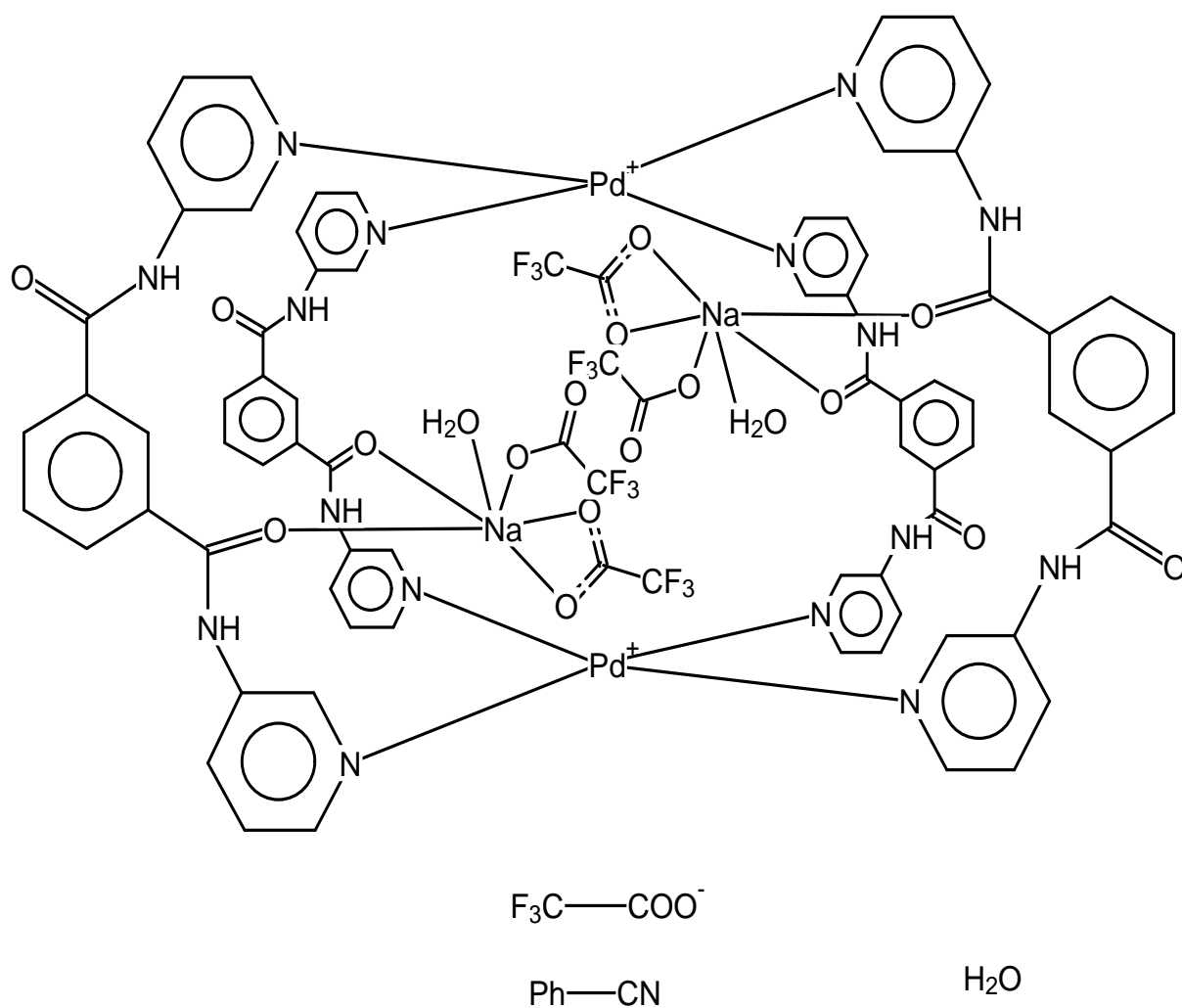
ELEQER

Reference: N.Yue, Zengquan Qin, M.C.Jennings, D.J.Eisler, R.J.Puddephatt (2003) *Inorg.Chem.Commun.* ,6,1269

Formula: $C_{80} H_{60} F_{12} N_{16} Na_2 O_{18} Pd_2^{2+}, 2(C_2 F_3 O_2^{-}), 4(C_7 H_5 N_1), 2(H_2 O_1)$

Compound Name: tetrakis(μ_3 -1,3-bis(N-(3-Pyridyl)carbamoyl)benzene)-bis(trifluoroacetato-O,O')-bis(trifluoroacetato-O)-diaqua-di-palladium(ii)-di-sodium dihydrate clathrate bis(trifluoroacetate) cyanobenzene solvate

Space Group:	P21/n	Cell:	a 13.318(0)	b 16.026(0)	c 26.818(0)
Space Group No.:	14	(Å, °)	α 90.00	β 90.81(0)	γ 90.00
R-Factor (%):	4.77	Temperature(K):	150	Density(g/cm³):	1.564



Search: search31 (Thu May 26 10:54:12 2011): Hit 9

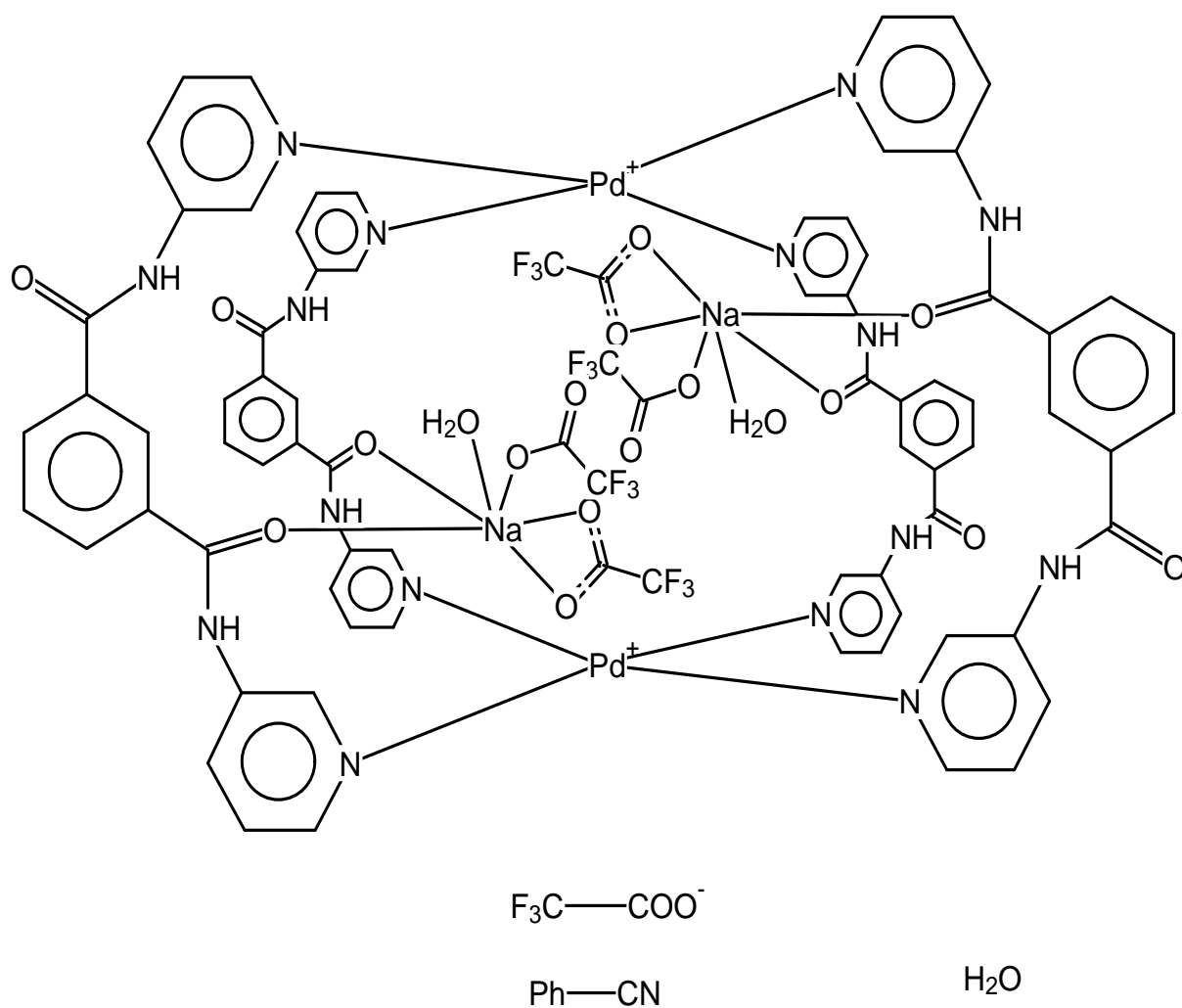
ELEQER01

Reference: N.L.S.Yue, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2004) *Inorg.Chem.* ,**43**,7671

Formula: C₈₀ H₆₀ F₁₂ N₁₆ Na₂ O₁₈ Pd₂²⁺,2(C₂ F₃ O₂¹⁻),4(C₇ H₅ N₁),2(H₂ O₁)

Compound Name: tetrakis(μ₃-N,N'-bis(3-Pyridyl)benzene-1,3-dicarboxamide)-bis(trifluoroacetato-O,O')-bis(trifluoroacetato-O)-diaqua-di-palladium(ii)-di-sodium bis(trifluoroacetate) benzonitrile solvate dihydrate

Space Group:	P21/n	Cell:	a 13.318(0)	b 16.026(0)	c 26.818(0)
Space Group No.:	14	(Å, °)	α 90.00	β 90.81(0)	γ 90.00
R-Factor (%):	4.77	Temperature(K):	150	Density(g/cm³):	1.564



Search: search31 (Thu May 26 10:54:12 2011): Hit 10

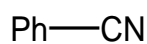
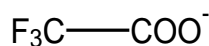
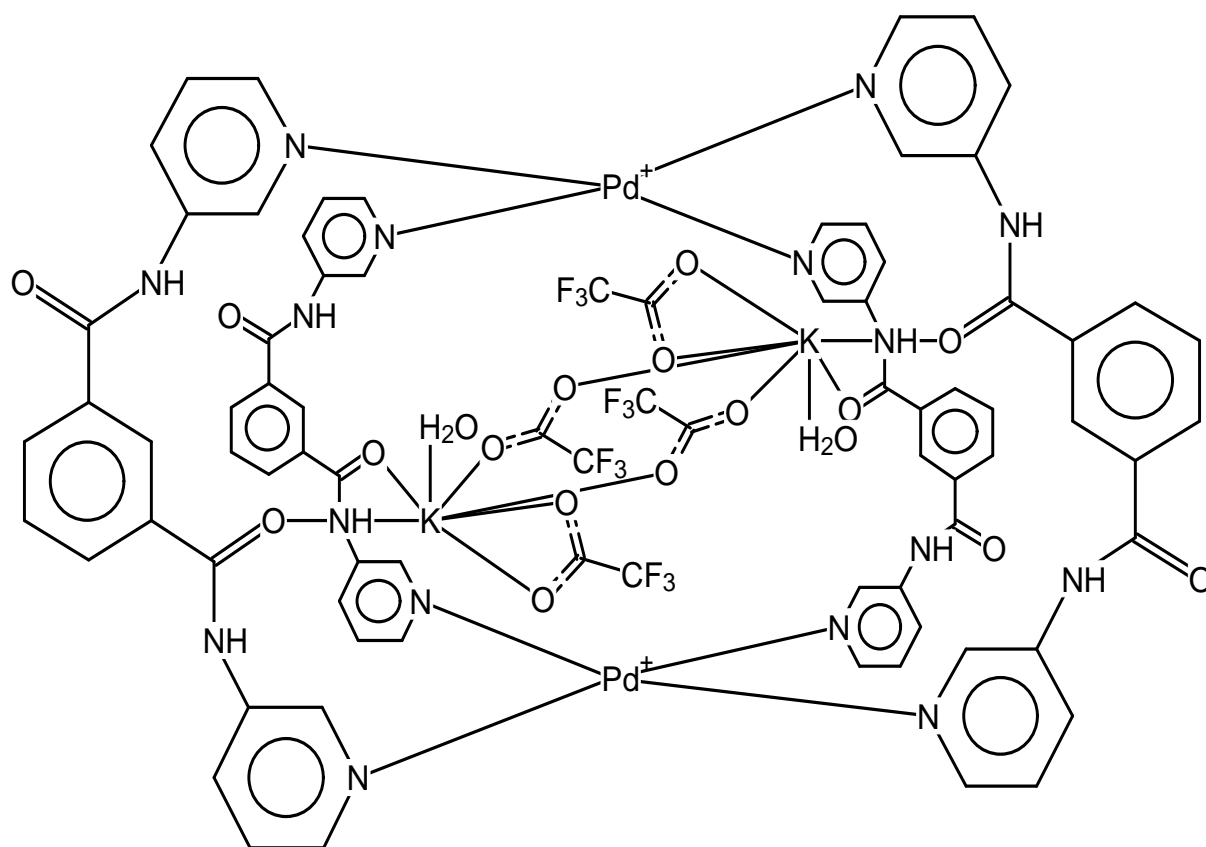
ELEQIV

Reference: N.Yue, Zengquan Qin, M.C.Jennings, D.J.Eisler,
R.J.Puddephatt (2003) *Inorg.Chem.Commun.* ,6,1269

Formula: $C_{80} H_{60} F_{12} K_2 N_{16} O_{18} Pd_2^{2+}, 2(C_2 F_3 O_2^{-}), 4(C_7 H_5 N_1), 2(H_2 O_1)$

Compound Name: tetrakis(μ_3 -1,3-bis(N-(3-Pyridyl)carbamoyl)benzene)-bis(μ_2 -trifluoroacetato-O,O')-bis(trifluoroacetato-O,O')-diaqua-di-palladium(ii)-di-potassium dihydrate clathrate bis(trifluoroacetate) cyanobenzene solvate

Space Group:	P21/n	Cell:	a 13.298(0)	b 16.095(0)	c 26.936(0)
Space Group No.:	14	(Å, °)	α 90.00	β 91.37(0)	γ 90.00
R-Factor (%):	5.52	Temperature(K):	150	Density(g/cm³):	1.571



Search: search31 (Thu May 26 10:54:12 2011): Hit 11

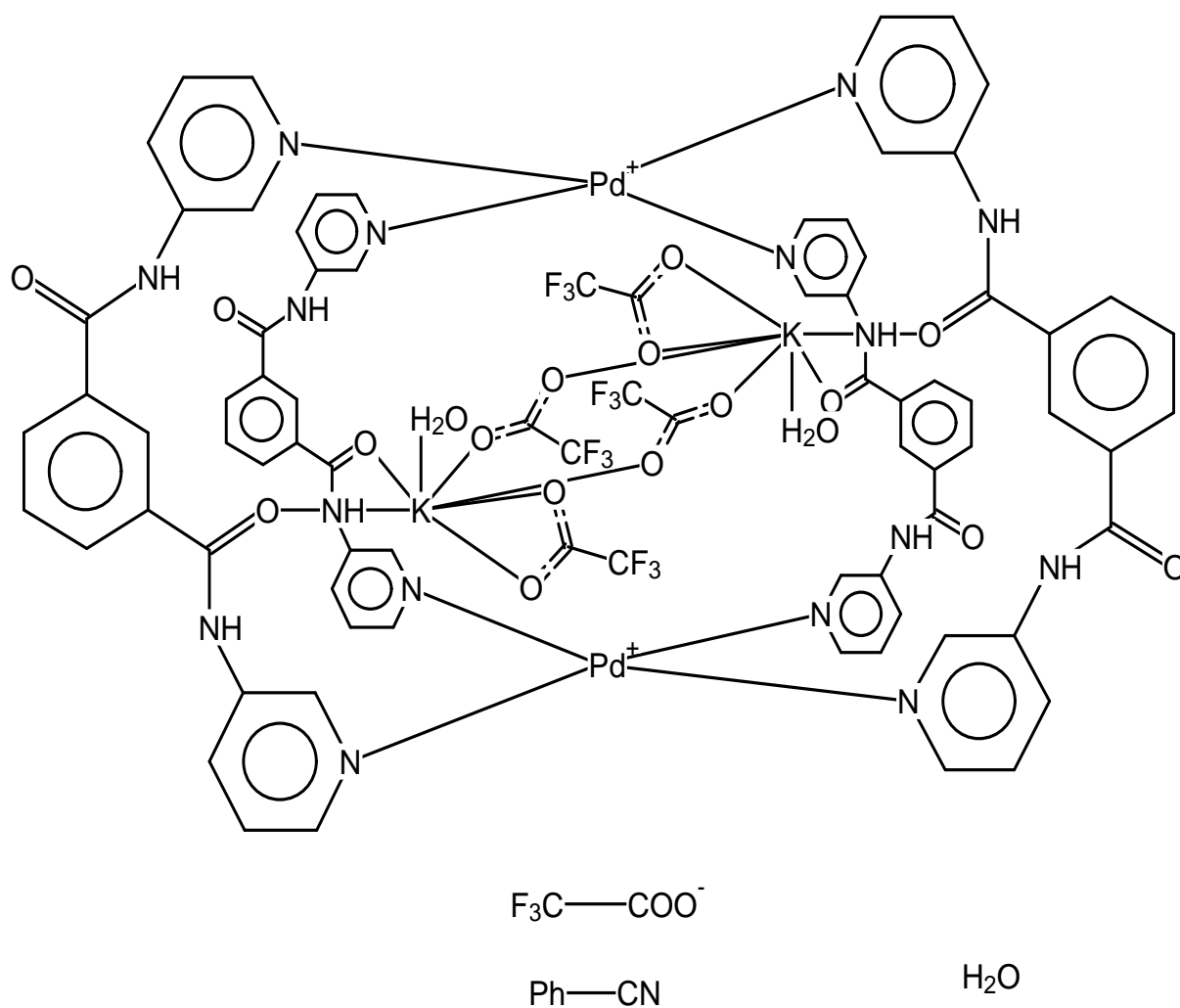
ELEQIV01

Reference: N.L.S.Yue, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2004) *Inorg.Chem.* ,**43**,7671

Formula: C₈₀ H₆₀ F₁₂ K₂ N₁₆ O₁₈ Pd₂²⁺,2(C₂ F₃ O₂¹⁻),4(C₇ H₅ N₁),2(H₂ O₁)

Compound Name: tetrakis(μ₂-N,N'-bis(3-Pyridyl)benzene-1,3-dicarboxamide)-bis(μ₂-trifluoroacetato-O,O')-bis(trifluoroacetato-O,O')-diaqua-di-palladium(ii)-di-potassium bis(trifluoroacetate) benzonitrile solvate dihydrate

Space Group:	P21/n	Cell:	a 13.298(0)	b 16.095(0)	c 26.936(0)
Space Group No.:	14	(Å, °)	α 90.00	β 91.37(0)	γ 90.00
R-Factor (%):	5.52	Temperature(K):	150	Density(g/cm³):	1.571



Search: search31 (Thu May 26 10:54:12 2011): Hit 12

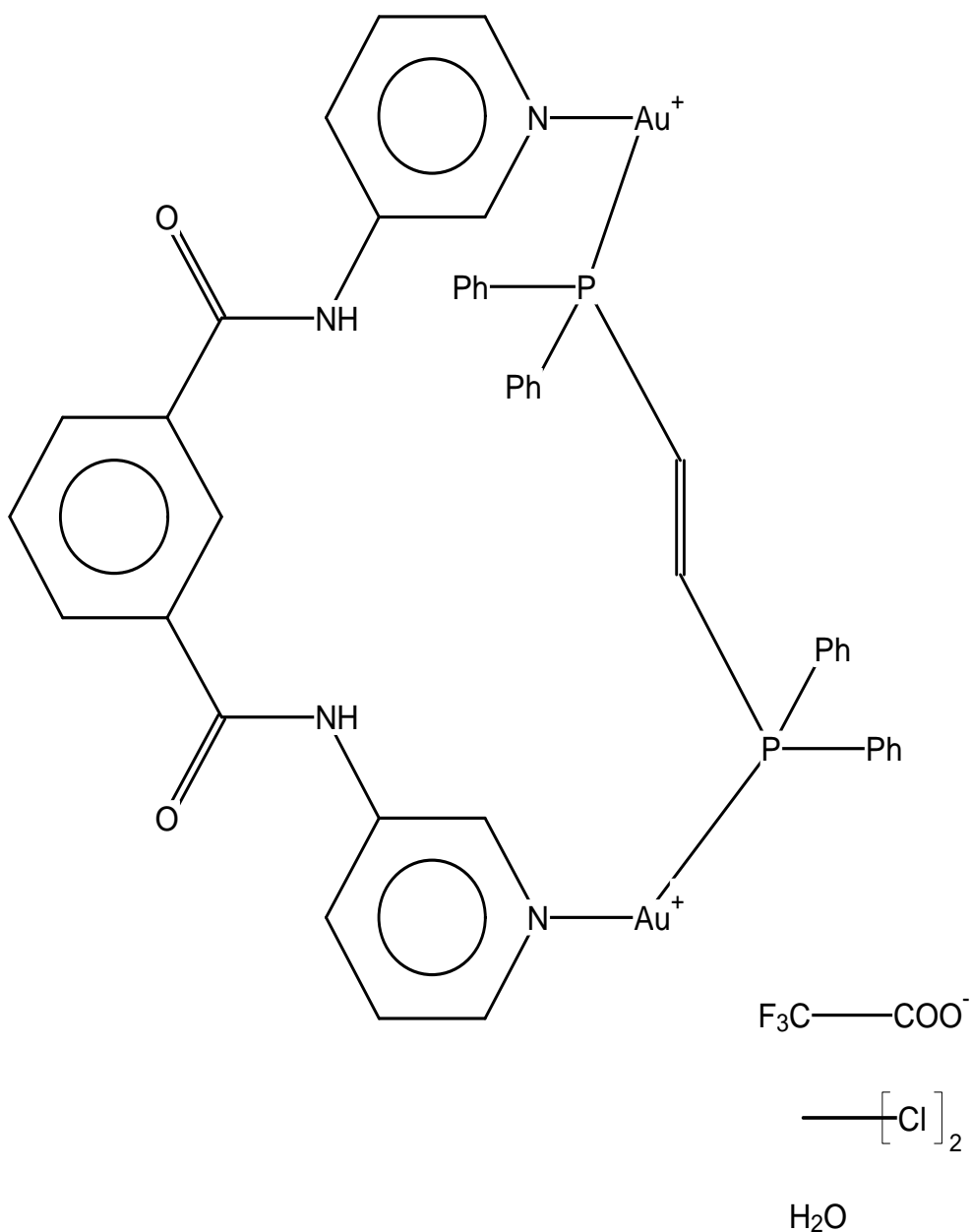
MIPJIE

Reference: Zengquan Qin, M.C.Jennings, R.J.Puddephatt (2002)
Chem.-Eur.J., **8**,735

Formula: $C_{44} H_{36} Au_2 N_4 O_2 P_2^{2+}, 2(C_2 F_3 O_2^{1-}), C_1 H_2 Cl_2, H_2 O_1$

Compound Name: (μ_2 -trans-1,2-bis(Diphenylphosphino)ethene)-(μ_2 -N,N'-bis(3-pyridyl)-1,3-benzenedicarboxamide)-di-gold bis(trifluoroacetate) dichloromethane solvate monohydrate

Space Group:	P-1	Cell:	a 9.745(0)	b 14.518(0)	c 19.678(0)
Space Group No.:	2	(Å, °)	α 107.02(0)	β 99.85(0)	γ 98.26(0)
R-Factor (%):	4.92	Temperature(K):	200	Density(g/cm³):	1.860



Search: search31 (Thu May 26 10:54:12 2011): Hit 13

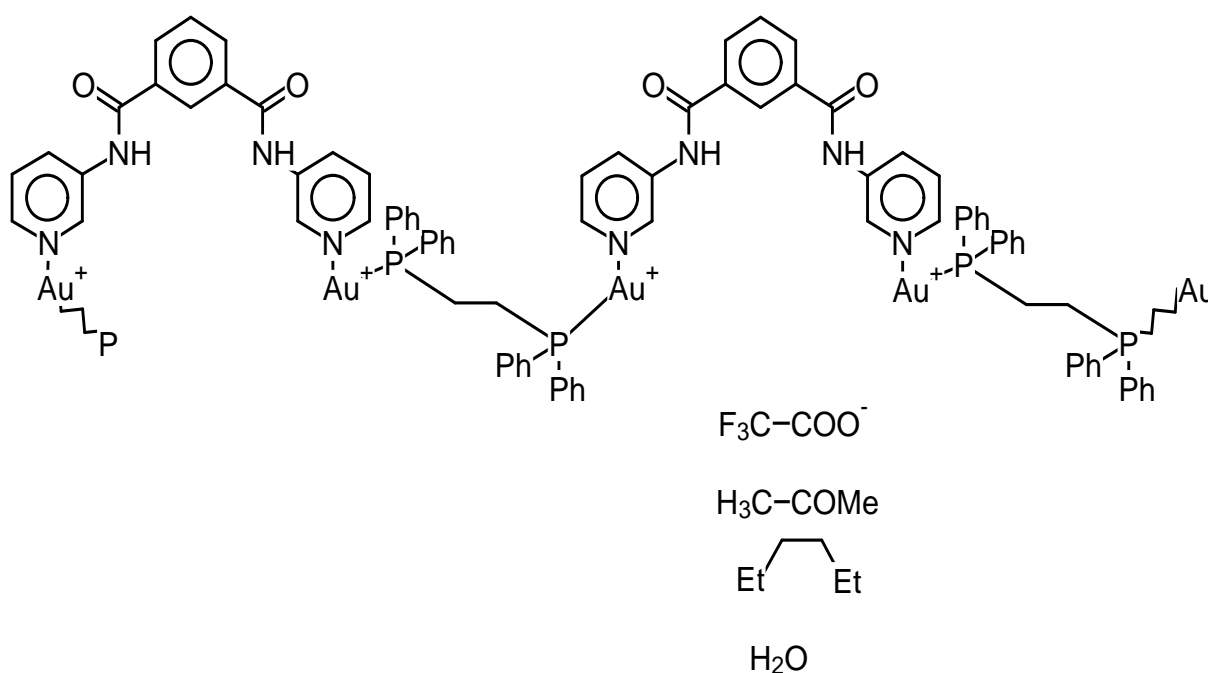
MIPJOK

Reference: Zengquan Qin, M.C.Jennings, R.J.Puddephatt (2002)
Chem.-Eur.J., **8**,735

Formula: $(C_{88} H_{76} Au_4 N_8 O_4 P_4^{4+})n, 4n(C_2 F_3 O_2^{1-}), n(C_3 H_6 O_1), n(C_6 H_{14}), n(H_2 O_1)$

Compound Name: catena-(bis(μ_2 -trans-1,2-bis(Diphenylphosphino)ethene)-bis(μ_2 -N,N'-bis(3-pyridyl)-1,3-benzenedicarboxamide)-tetra-gold tetrakis(trifluoroacetate) acetone hexane solvate monohydrate)

Space Group:	P21/c	Cell:	a 11.359(0)	b 33.551(3)	c 28.731(2)
Space Group No.:	14	(Å, °)	α 90.00	β 92.28(0)	γ 90.00
R-Factor (%):	7.77	Temperature(K):	200	Density(g/cm³):	1.722



Search: search31 (Thu May 26 10:54:12 2011): Hit 14

VUJWAZ

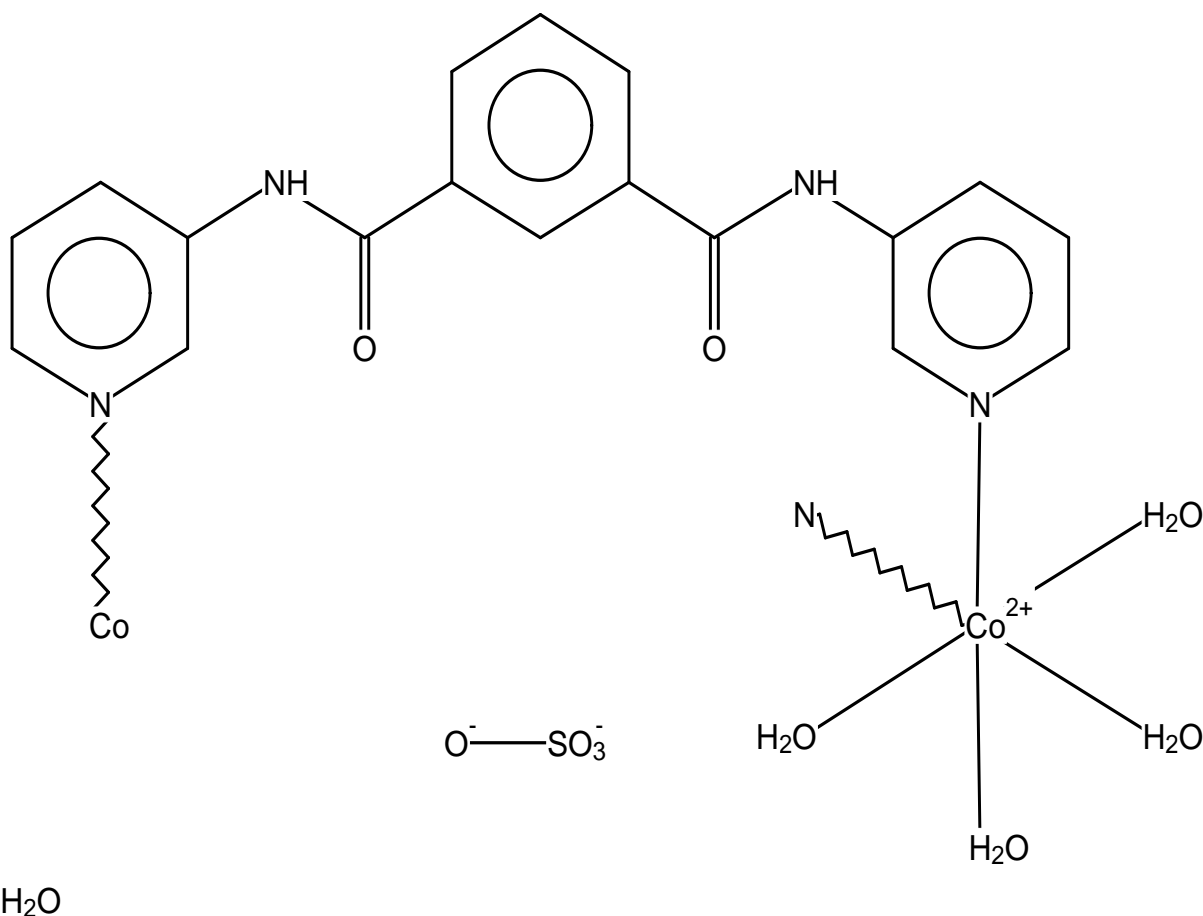
Reference: N.N.Adarsh, D.K.Kumar, P.Dastidar (2009)
CrystEngComm ,11,796

Formula: $(C_{18} H_{22} Co_1 N_4 O_6^{2+})_n, n(O_4 S_1^{2-}), 3n(H_2 O_1)$

Compound Name: catena-((μ_2 -N,N'-bis(3-Pyridyl)isophthalamide-N,N')-tetra-aqua-cobalt(ii) sulfate trihydrate)

Space Group: P21/c **Cell:** **a** 9.940(0) **b** 16.813(1) **c** 14.957(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.15(0) γ 90.00

R-Factor (%): 5.53 **Temperature(K):** 100 **Density(g/cm³):** 1.599



Search Overview

Search: search32
Date/Time done: Thu May 26 10:55:19 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: 2

Summary of queries used. Search found structures that:

match

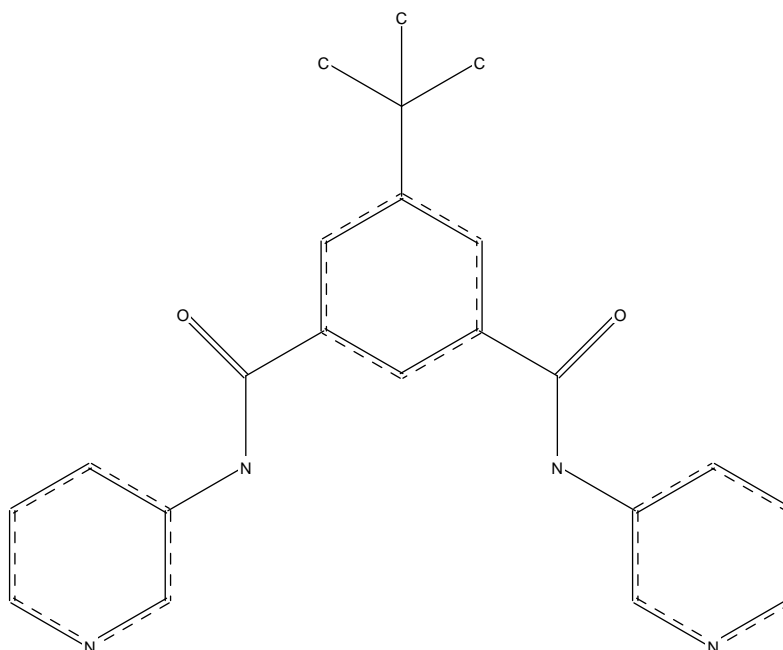
Query 2

Query 3

Query 2

4M

Query 3



Search: search32 (Thu May 26 10:55:19 2011): Hit 1

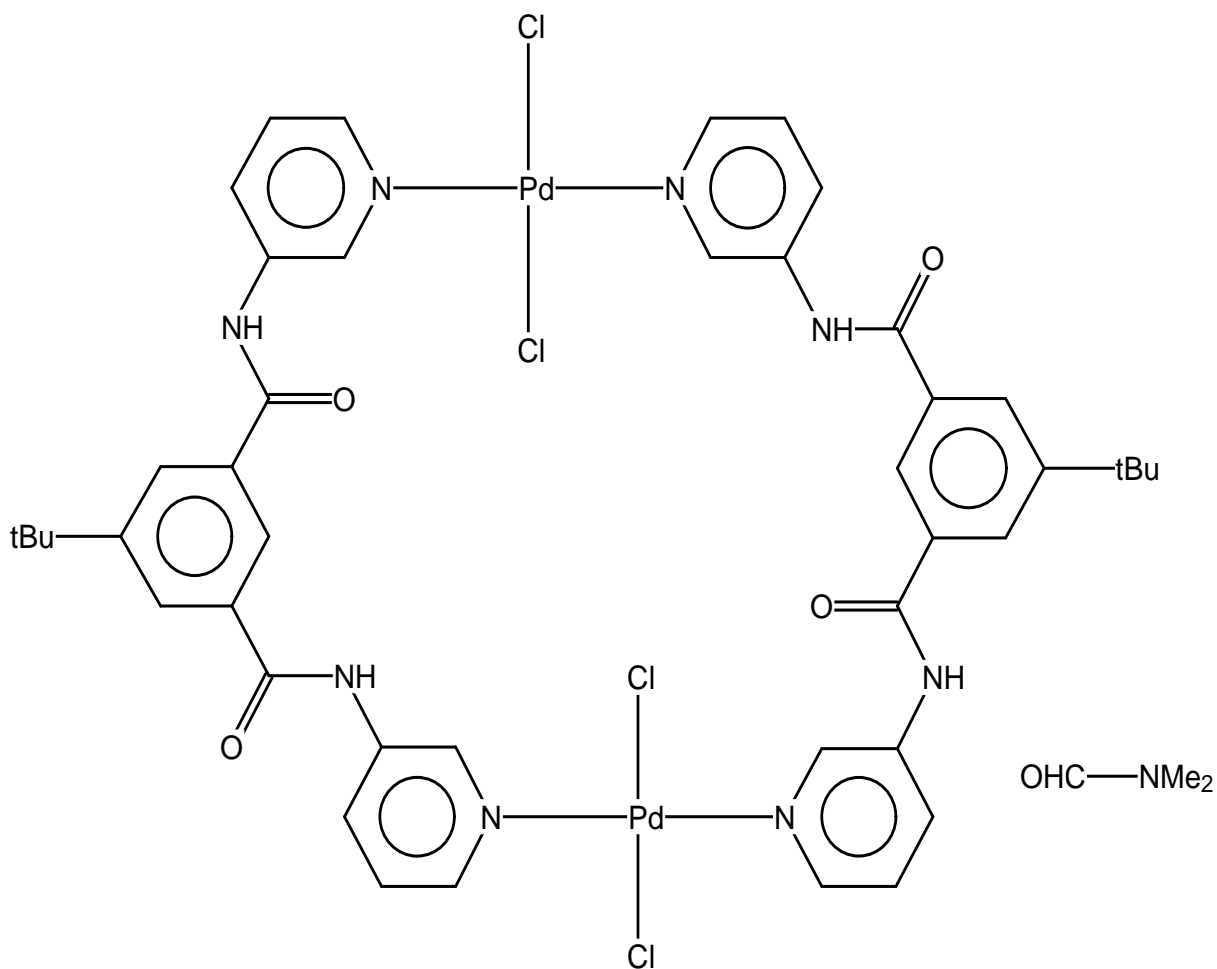
DALKEH

Reference: N.L.S.Yue, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2004) *Inorg.Chem.* ,**43**,7671

Formula: C₄₄ H₄₄ Cl₄ N₈ O₄ Pd₂,4(C₃ H₇ N₁ O₁)

Compound Name: trans,trans-bis(μ₂-N,N'-bis(3-Pyridyl)-5-t-butylbenzene-1,3-dicarboxamide)-tetrachloro-di-palladium(ii) bis(N,N-dimethylformamide) clathrate N,N-dimethylformamide solvate

Space Group:	P21/n	Cell:	a 9.341(0)	b 23.677(0)	c 14.033(0)
Space Group No.:	14	(Å, °)	α 90.00	β 95.37(0)	γ 90.00
R-Factor (%):	4.49	Temperature(K):	150	Density(g/cm³):	1.500



Search: search32 (Thu May 26 10:55:19 2011): Hit 2

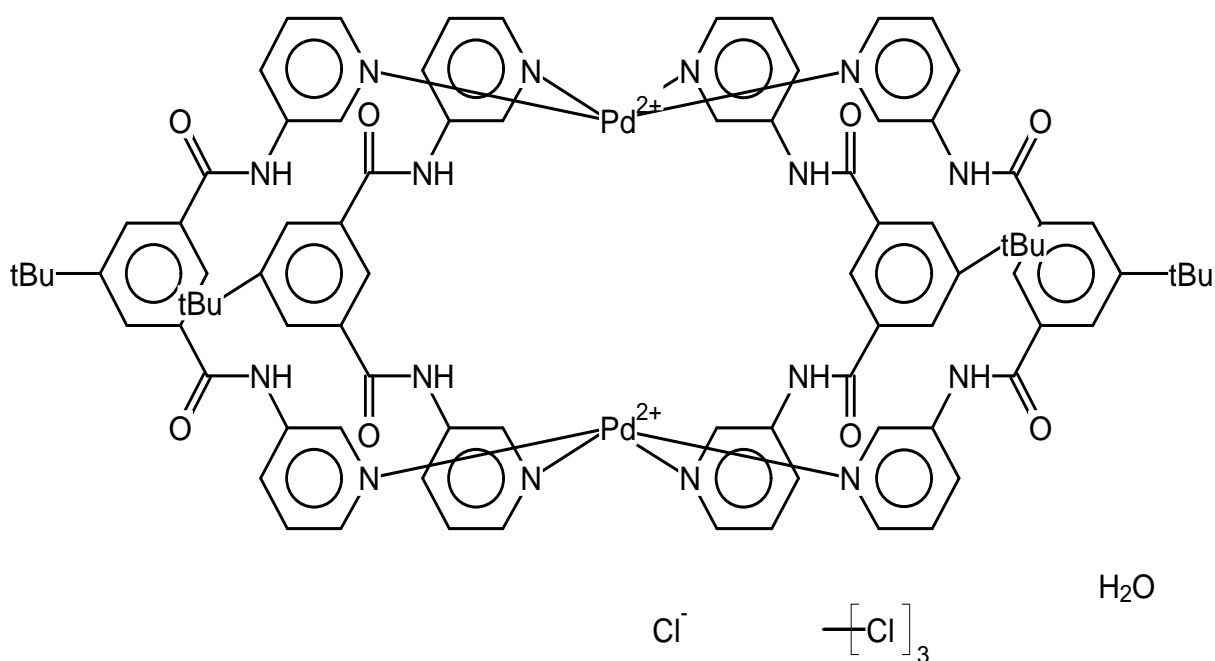
DALKIL

Reference: N.L.S.Yue, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2004) *Inorg.Chem.* ,**43**,7671

Formula: C₈₈ H₈₈ N₁₆ O₈ Pd₂⁴⁺,4(Cl₁¹⁻),4(C₁ H₁ Cl₃),8(H₂ O₁)

Compound Name: tetrakis(μ₂-N,N'-bis(3-Pyridyl)-5-t-butylbenzene-1,3-dicarboxamide)-di-palladium(ii) dichloride tetrahydrate clathrate dichloride chloroform solvate tetrahydrate

Space Group:	P4/n	Cell:	a 19.881(0)	b 19.881(0)	c 15.897(0)
Space Group No.:	85	(Å, °)	α 90.00	β 90.00	γ 90.00
R-Factor (%):	7.64	Temperature(K):	200	Density(g/cm³):	1.308



Search Overview

Search: search33
Date/Time done: Thu May 26 10:58:24 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: 1

Summary of queries used. Search found structures that:

match

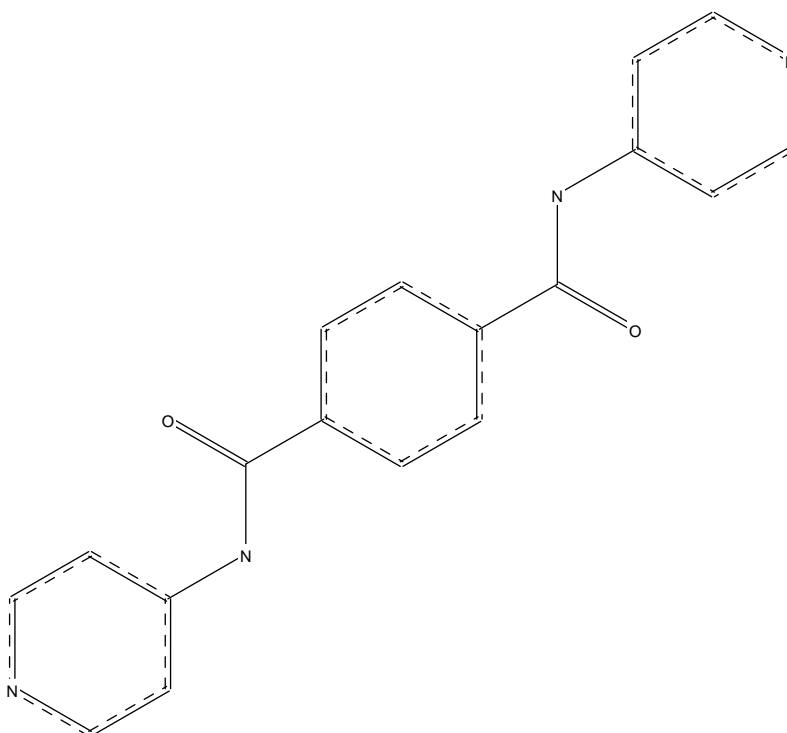
Query 2

Query 3

Query 2

4M

Query 3



Search: search33 (Thu May 26 10:58:24 2011): Hit 1

JAPHAK

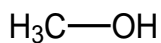
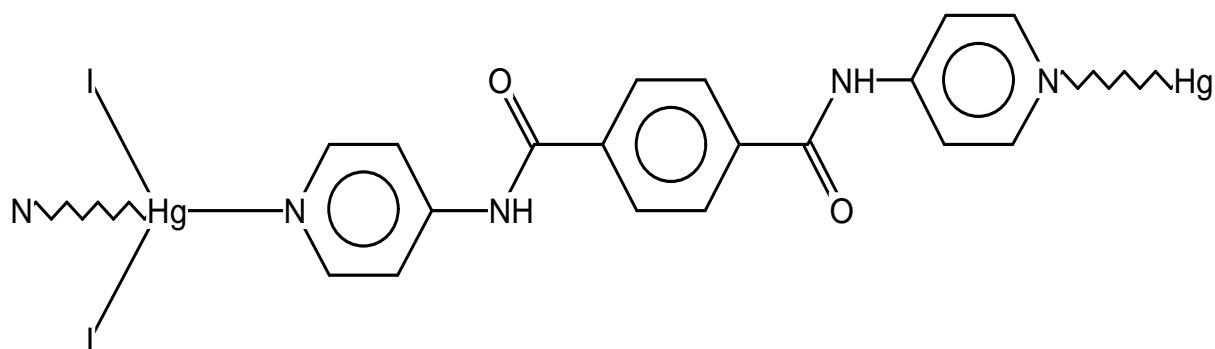
Reference: Linke Li, Yinglin Song, Hongwei Hou, Zhishan Liu, Yaoting Fan, Yu Zhu (2005) *Inorg.Chim.Acta*, **358**,3259

Formula: (C₁₈ H₁₄ Hg₁ I₂ N₄ O₂)_n, 1.5n(C₁ H₄ O₁)

Compound Name: catena-((μ₂-transoid-N,N'-bis(4-Pyridyl)-1,4-benzenedicarboxamide-N,N')-bis(iodo)-mercury(ii) methanol solvate)

Space Group: C2/c **Cell:** **a** 32.376(7) **b** 5.736(1) **c** 30.667(6)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 115.11(3) **γ** 90.00

R-Factor (%): 5.06 **Temperature(K):** 291 **Density(g/cm³):** 2.115



Search Overview

Search: search34
Date/Time done: Thu May 26 11:00:08 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: 2

Summary of queries used. Search found structures that:

match

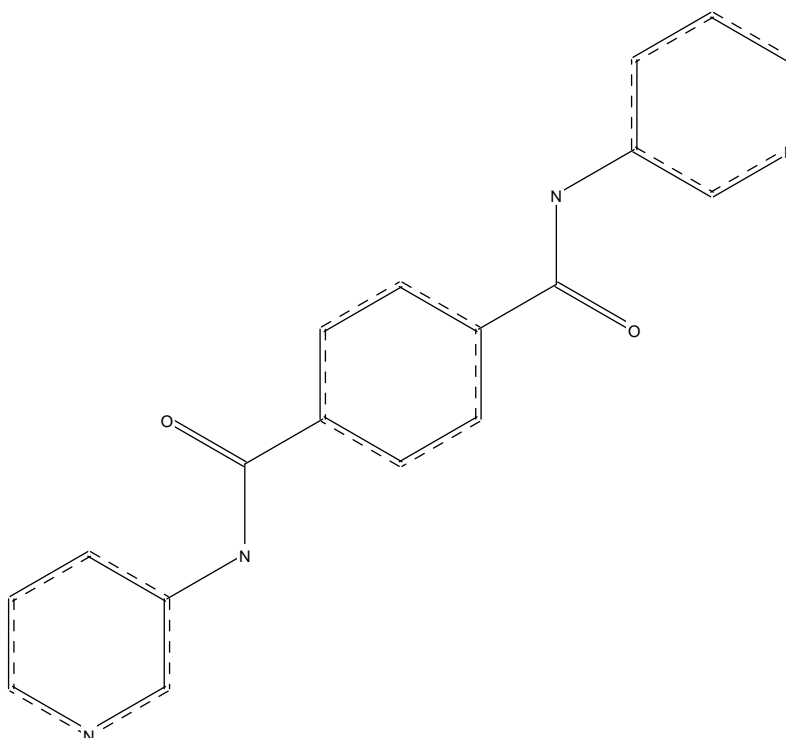
Query 2

Query 3

Query 2

4M

Query 3



Search: search34 (Thu May 26 11:00:08 2011): Hit 1

UHIYIU

Reference: L.Rajput, K.Biradha (2009) *CrystEngComm* ,11,1220

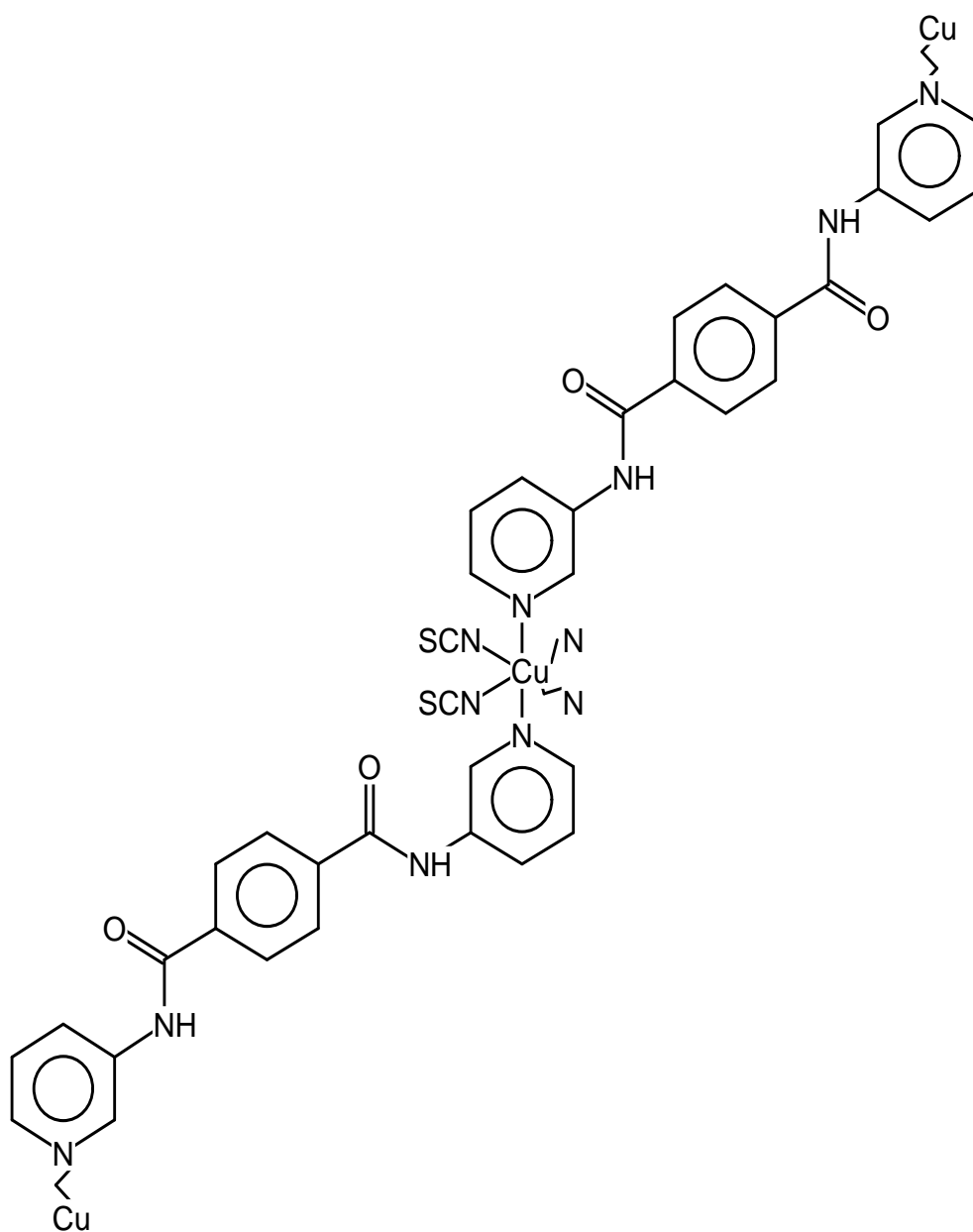
Formula: $(C_{38} H_{28} Cu_1 N_{10} O_4 S_2)_n, 2n(C_7 H_5 N_1)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(3-Pyridyl)benzene-1,4-dicarboxamide-N,N')-bis(isothiocyanato)-copper(ii) bis(benzonitrile) clathrate)

Space Group: P-1 **Cell:** **a** 8.194(0) **b** 10.001(0) **c** 14.822(1)

Space Group No.: 2 **(Å, °)** α 75.66(0) β 85.55(0) γ 85.29(0)

R-Factor (%): 4.41 **Temperature(K):** 293 **Density(g/cm³):** 1.450



Ph—CN

Search: search34 (Thu May 26 11:00:08 2011): Hit 2

PUNSAT

Reference: N.N.Adarsh, P.Dastidar (2010) *Cryst.Growth Des.* ,**10**,483

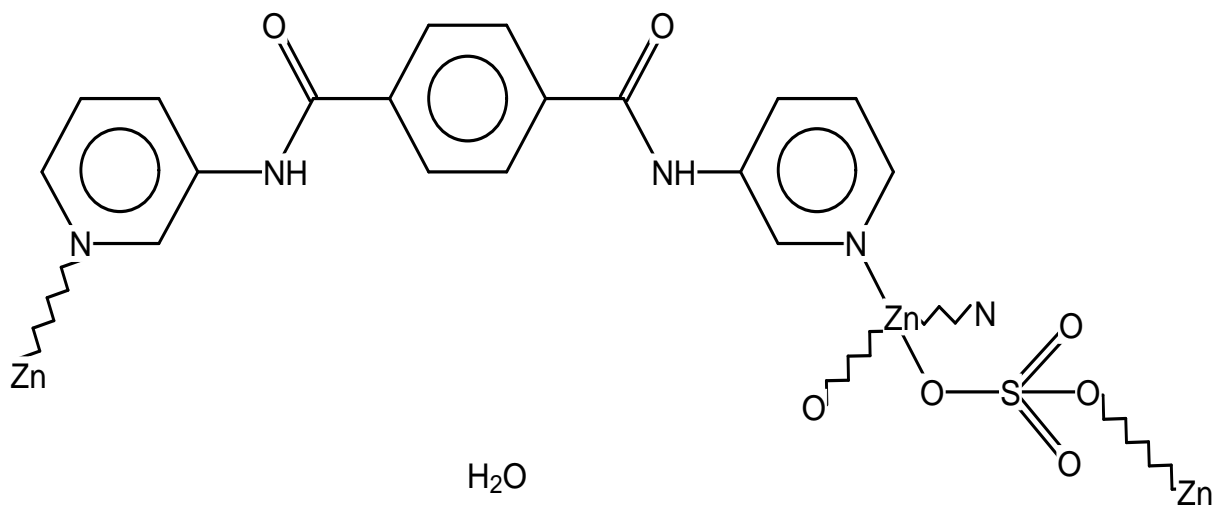
Formula: (C₁₈ H₁₄ N₄ O₆ S₁ Zn₁)_n,n(H₂ O₁)

Compound Name: catena-((μ₂-N,N'-bis(Pyridin-3-yl)terephthalamide-N,N')-(μ₂-sulfato)-zinc monohydrate)

Space Group: P21 **Cell:** **a** 4.990(1) **b** 19.473(7) **c** 9.891(3)

Space Group No.: 4 **(Å, °)** **α** 90.00 **β** 93.76(0) **γ** 90.00

R-Factor (%): 3.18 **Temperature(K):** 298 **Density(g/cm³):** 1.724



Search Overview

Search: search36
Date/Time done: Thu May 26 11:04:57 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: 15

Summary of queries used. Search found structures that:

match

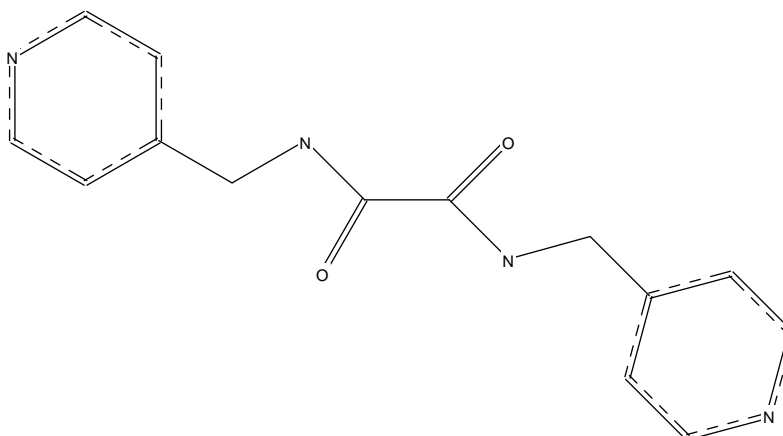
Query 2

Query 3

Query 2

4M

Query 3



Search: search36 (Thu May 26 11:04:57 2011): Hit 1

CICYUJ

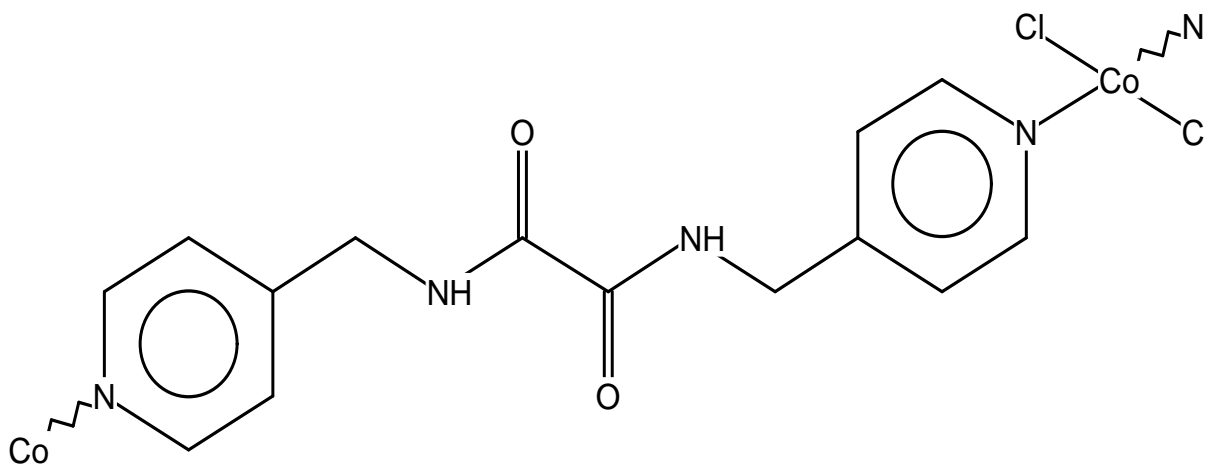
Reference: Gene-Hsiang Lee, Hsin-Ta Wang (2007)
Acta Crystallogr., Sect. C: Cryst. Struct. Commun. ,**63**,m216

Formula: (C₁₄ H₁₄ Cl₂ Co₁ N₄ O₂)_n.0.5n(H₂ O₁)

Compound Name: catena-[(μ₂-N,N'-bis(4-Pyridylmethyl)oxalamide)-dichloro-cobalt(ii) hemihydrate]

Space Group: Pnna **Cell:** **a** 7.457(0) **b** 11.857(0) **c** 22.602(0)
Space Group No.: 52 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.02 **Temperature(K):** 150 **Density(g/cm³):** 1.360



H₂O

Search: search36 (Thu May 26 11:04:57 2011): Hit 2

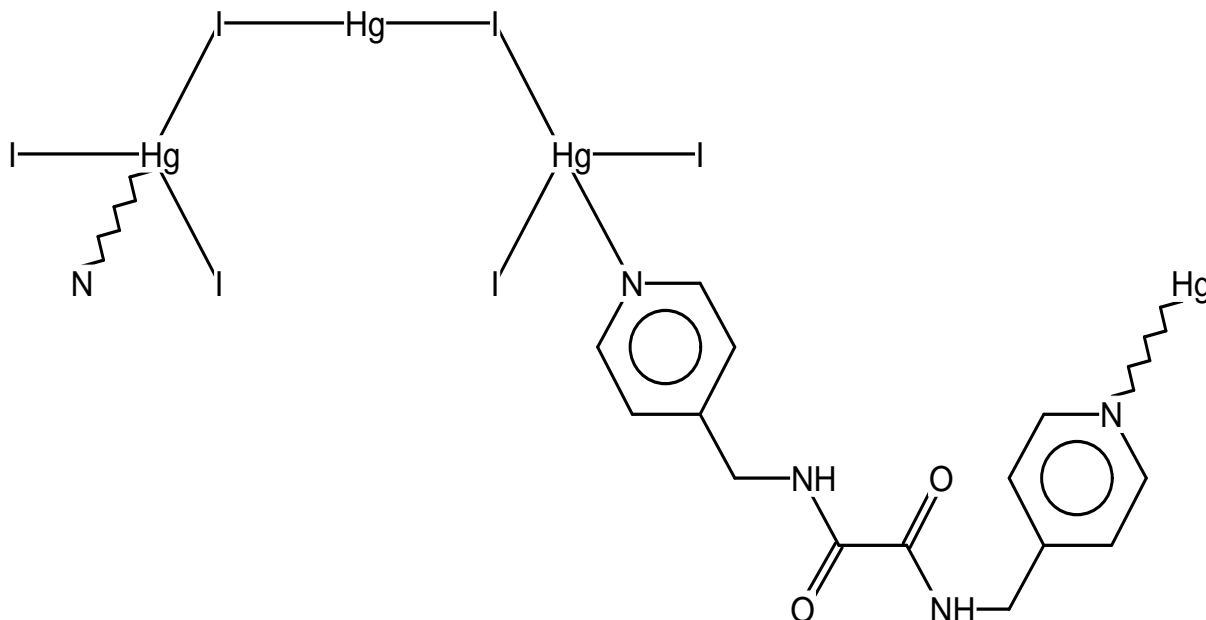
CIYZOA

Reference: Qingdao Zeng, Min Li, Dongxia Wu, Shengbin Lei,
Caiming Liu, Lingyu Piao, Yanlian Yang, Shiyan An, Chen Wang
(2008) *Cryst. Growth Des.* ,8,869

Formula: (C₁₄ H₁₄ Hg₃ I₆ N₄ O₂)_n

Compound Name: catena-[bis(μ₂-Iodo)-(μ₂-N,N'-bis(4-pyridylmethyl)oxalamido)-tetraiodo-
tri-mercury(ii)]

Space Group:	P21/c	Cell:	a 5.030(1)	b 13.731(3)	c 20.220(4)
Space Group No.:	14	(Å, °)	α 90.00	β 92.19(3)	γ 90.00
R-Factor (%):	5.37	Temperature(K):	293	Density(g/cm³):	3.887



Search: search36 (Thu May 26 11:04:57 2011): Hit 3

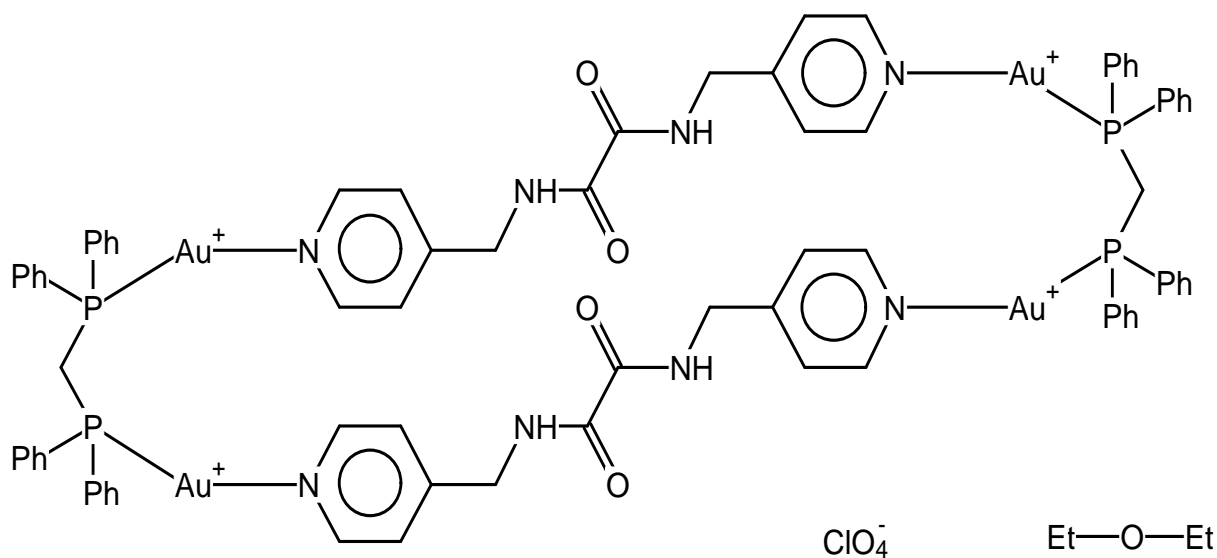
HECRAJ

Reference: Biing-Chiau Tzeng, Hsien-Te Yeh, Ya-Ling Wu, Jau-Huei Kuo, Gene-Hsiang Lee, Shie-Ming Peng (2006) *Inorg.Chem.* , **45**,591

Formula: C₇₈ H₇₂ Au₄ N₈ O₄ P₄ 4+,4(Cl₁ O₄ 1-),4(C₄ H₁₀ O₁)

Compound Name: bis(μ₂-N,N'-bis(4-Pyridylmethyl)oxalamide-N'',N''')-bis(μ₂-bis(diphenylphosphino)methane-P,P')-tetra-gold(i) tetraperchlorate diethyl ether solvate

Space Group:	P-1	Cell:	a 13.178(0)	b 14.576(0)	c 15.409(0)
Space Group No.:	2	(Å, °)	α 88.39(0)	β 83.19(0)	γ 67.52(0)
R-Factor (%):	5.86	Temperature(K):	150	Density(g/cm³):	1.707



Search: search36 (Thu May 26 11:04:57 2011): Hit 4

HECREN

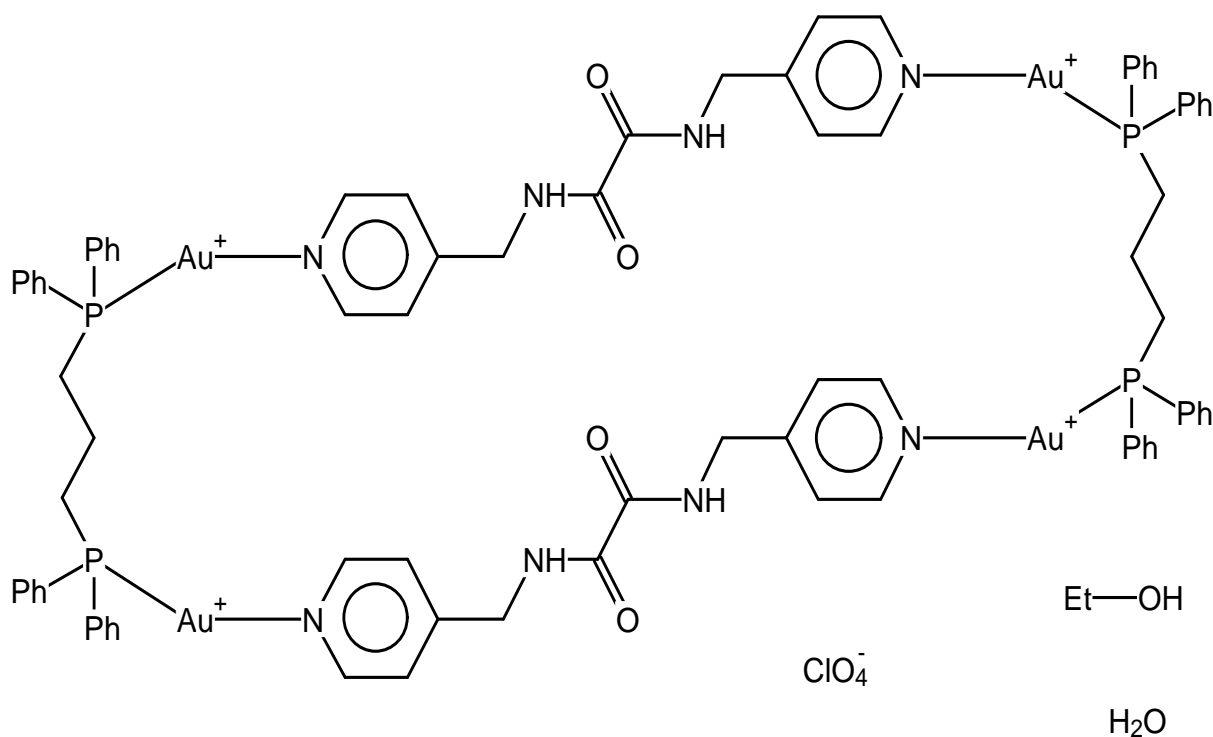
Reference: Biing-Chiau Tzeng, Hsien-Te Yeh, Ya-Ling Wu, Jau-Huei Kuo, Gene-Hsiang Lee, Shie-Ming Peng (2006) *Inorg.Chem.* , 45,591

Formula: $C_{82} H_{80} Au_4 N_8 O_4 P_4^{4+}, 4(Cl_1 O_4^{1-}), 4(C_2 H_6 O_1), 2(H_2 O_1)$

Compound Name: bis(μ_2 -N,N'-bis(4-Pyridylmethyl)oxalamide-N'',N''')-bis(μ_2 -1,3-bis(diphenylphosphino)propane-P,P')-tetra-gold(i) tetraperchlorate ethanol solvate dihydrate

Space Group: P21/c **Cell:** **a** 14.603(0) **b** 26.136(0) **c** 15.000(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 119.01(0) γ 90.00

R-Factor (%): 4.90 **Temperature(K):** 150 **Density(g/cm³):** 1.838



Search: search36 (Thu May 26 11:04:57 2011): Hit 5

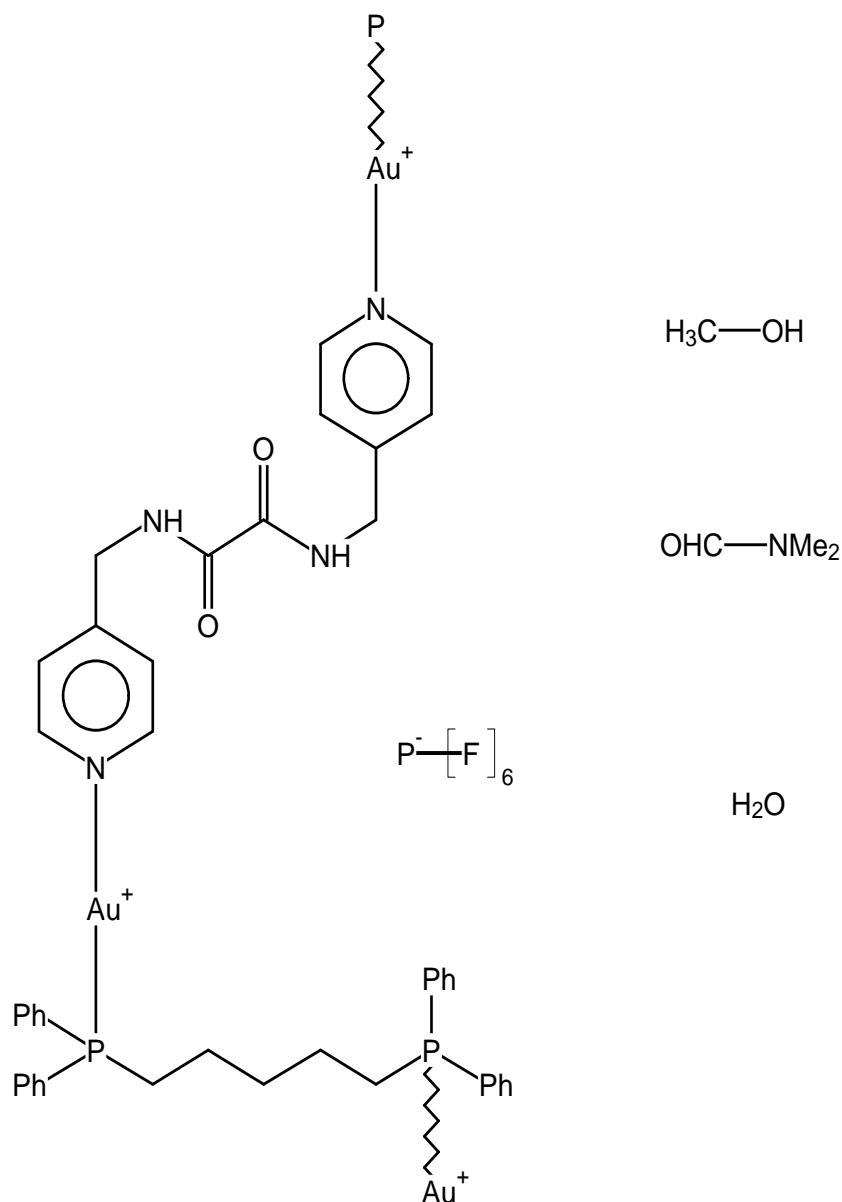
HECRIR

Reference: Biing-Chiau Tzeng, Hsien-Te Yeh, Ya-Ling Wu, Jau-Huei Kuo, Gene-Hsiang Lee, Shie-Ming Peng (2006) *Inorg.Chem.* , 45,591

Formula: $(C_{43}H_{44}Au_2N_4O_2P_2^{2+})_n, 2n(F_6P_1^{-}), 0.57n(C_1H_4O_1), 1.43n(C_3H_7N_1O_1), 0.29n(H_2O)$

Compound Name: catena-((μ_2 -N,N'-bis(4-Pyridylmethyl)oxalamide-N'',N''')-(μ_2 -1,5-bis(diphenylphosphino)pentane-P,P')-di-gold(i) bis(hexafluorophosphate) methanol N,N-dimethylformamide solvate hydrate)

Space Group:	C2/c	Cell:	a 42.804(1)	b 30.992(0)	c 31.232(0)
Space Group No.:	15	(Å, °)	α 90.00	β 106.50(0)	γ 90.00
R-Factor (%):	8.20	Temperature(K):	150	Density(g/cm³):	1.782



Search: search36 (Thu May 26 11:04:57 2011): Hit 6

HECROX

Reference: Biing-Chiau Tzeng, Hsien-Te Yeh, Ya-Ling Wu, Jau-Huei Kuo, Gene-Hsiang Lee, Shie-Ming Peng (2006) *Inorg.Chem.* , 45,591

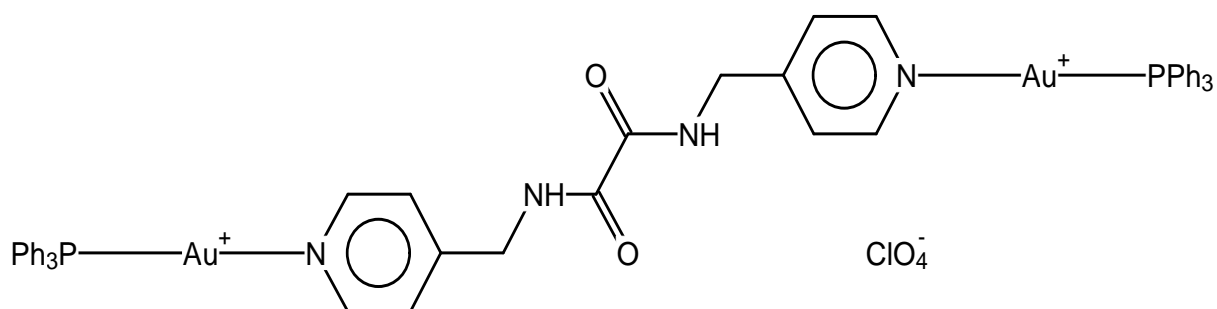
Formula: $C_{50} H_{44} Au_2 N_4 O_2 P_2^{2+}, 2(Cl_1 O_4^{1-})$

Compound Name: (μ_2 -N,N'-bis(4-Pyridylmethyl)oxalamide-N'',N''')-bis(triphenylphosphine)-di-gold(i) diperchlorate

Space Group: P-1 **Cell:** **a** 9.661(1) **b** 10.641(2) **c** 13.856(3)

Space Group No.: 2 **(Å, °)** α 73.87(0) β 76.23(0) γ 67.15(0)

R-Factor (%): 3.62 **Temperature(K):** 273 **Density(g/cm³):** 1.847



Search: search36 (Thu May 26 11:04:57 2011): Hit 7

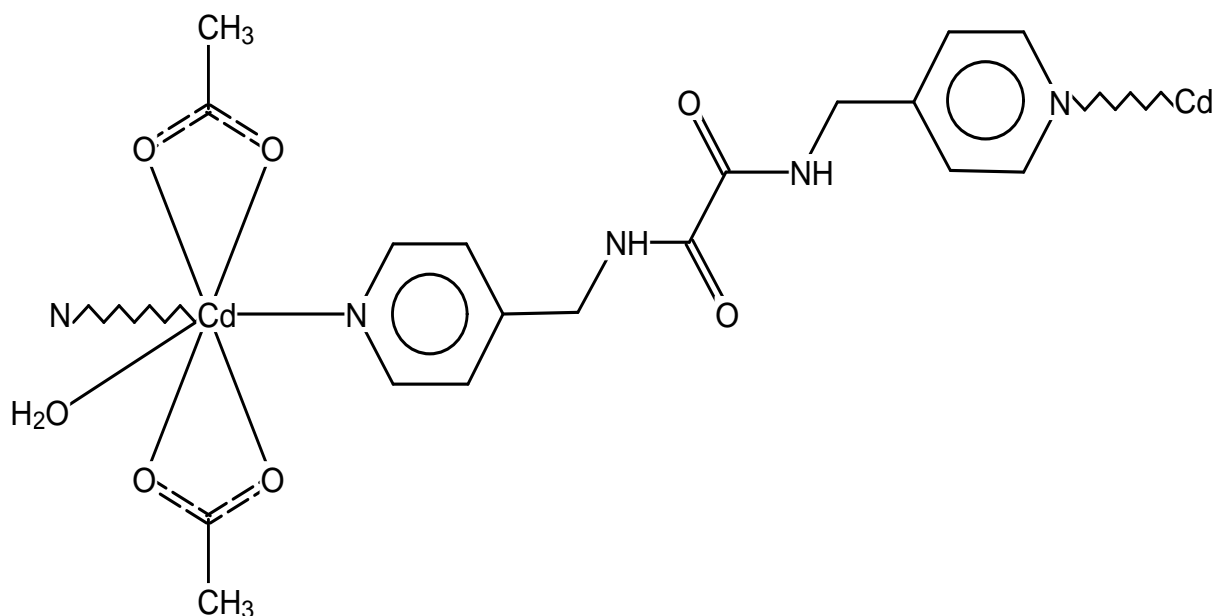
HEYCUK

Reference: Biing-Chiau Tzeng, Yung-Chi Huang, Bo-So Chen, Wan-Min Wu, Shih-Yang Lee, Gene-Hsiang Lee, Shie-Ming Peng (2007) *Inorg.Chem.*, **46**,186

Formula: (C₁₈ H₂₂ Cd₁ N₄ O₇)_n

Compound Name: catena-((μ₂-anti-N,N'-bis(4-Pyridylmethyl)oxalamide)-bis(acetato)-aqua-cadmium(ii))

Space Group:	C2/c	Cell:	a 16.245(1)	b 15.472(1)	c 8.834(0)
Space Group No.:	15	(Å, °)	α 90.00	β 98.72(0)	γ 90.00
R-Factor (%):	3.86	Temperature(K):	273	Density(g/cm³):	1.570



Search: search36 (Thu May 26 11:04:57 2011): Hit 8

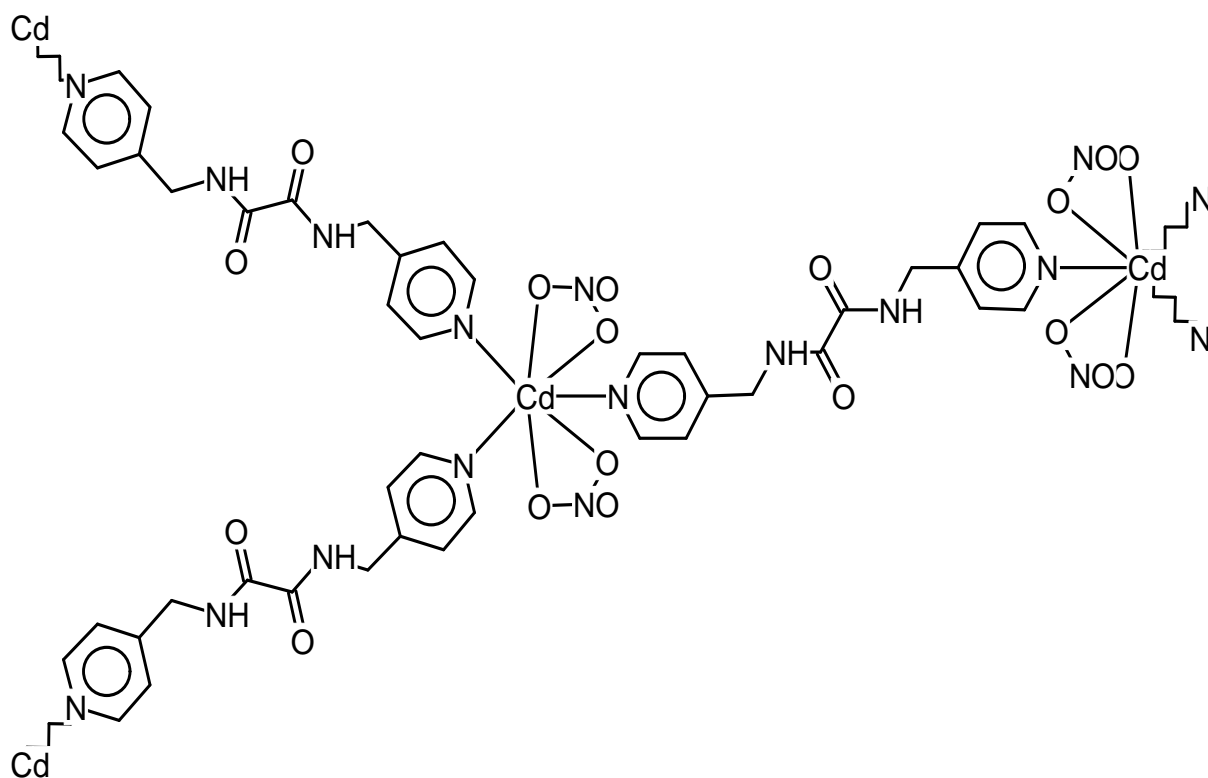
HEYDAR

Reference: Biing-Chiau Tzeng, Yung-Chi Huang, Bo-So Chen, Wan-Min Wu, Shih-Yang Lee, Gene-Hsiang Lee, Shie-Ming Peng (2007) *Inorg.Chem.*, **46**,186

Formula: (C₄₂ H₄₂ Cd₂ N₁₆ O₁₈)_n

Compound Name: catena-(tris(μ₂-anti-N,N'-bis(4-Pyridylmethyl)oxalamide)-tetrakis(nitrato-O,O')-di-cadmium(ii))

Space Group:	P21/c	Cell:	a 10.929(3)	b 11.975(3)	c 19.959(5)
Space Group No.:	14	(Å, °)	α 90.00	β 105.83(0)	γ 90.00
R-Factor (%):	6.74	Temperature(K):	273	Density(g/cm³):	1.696



Search: search36 (Thu May 26 11:04:57 2011): Hit 9

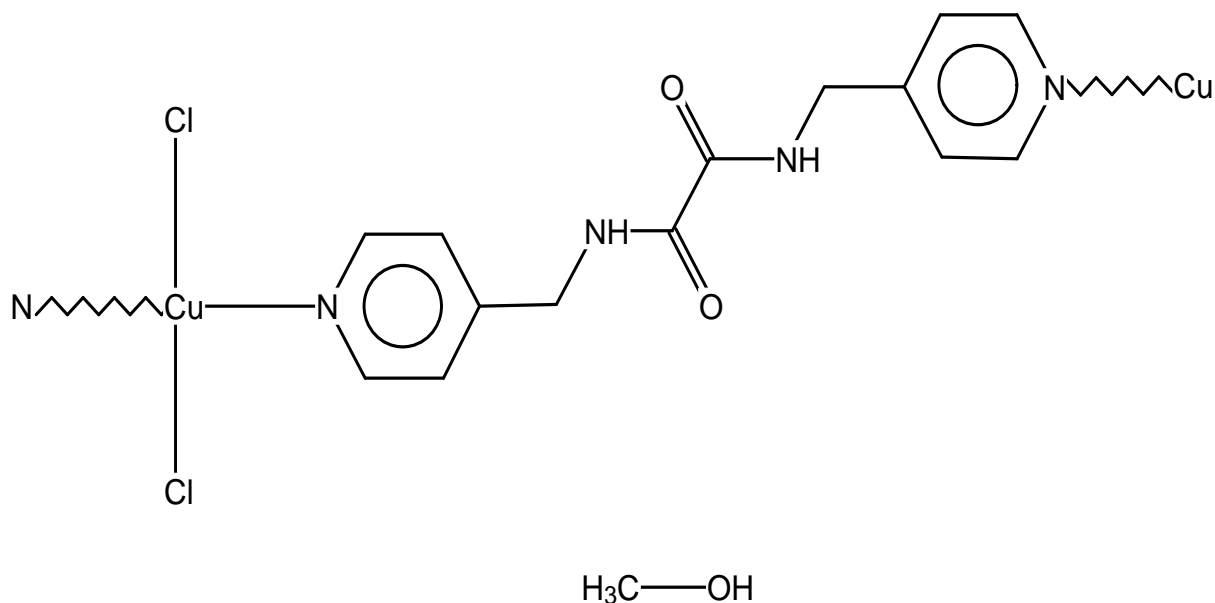
HEYDIZ

Reference: Biing-Chiau Tzeng, Yung-Chi Huang, Bo-So Chen, Wan-Min Wu, Shih-Yang Lee, Gene-Hsiang Lee, Shie-Ming Peng (2007) *Inorg.Chem.*, **46**,186

Formula: (C₁₄ H₁₄ Cl₂ Cu₁ N₄ O₂)_n,2n(C₁ H₄ O₁)

Compound Name: catena-(trans-(μ₂-anti-N,N'-bis(4-Pyridylmethyl)oxalamide)-dichloro-copper(ii) methanol solvate)

Space Group:	C2/c	Cell:	a 17.559(0)	b 8.041(0)	c 15.914(0)
Space Group No.:	15	(Å, °)	α 90.00	β 118.90(0)	γ 90.00
R-Factor (%):	9.16	Temperature(K):	150	Density(g/cm³):	1.583



Search: search36 (Thu May 26 11:04:57 2011): Hit 10

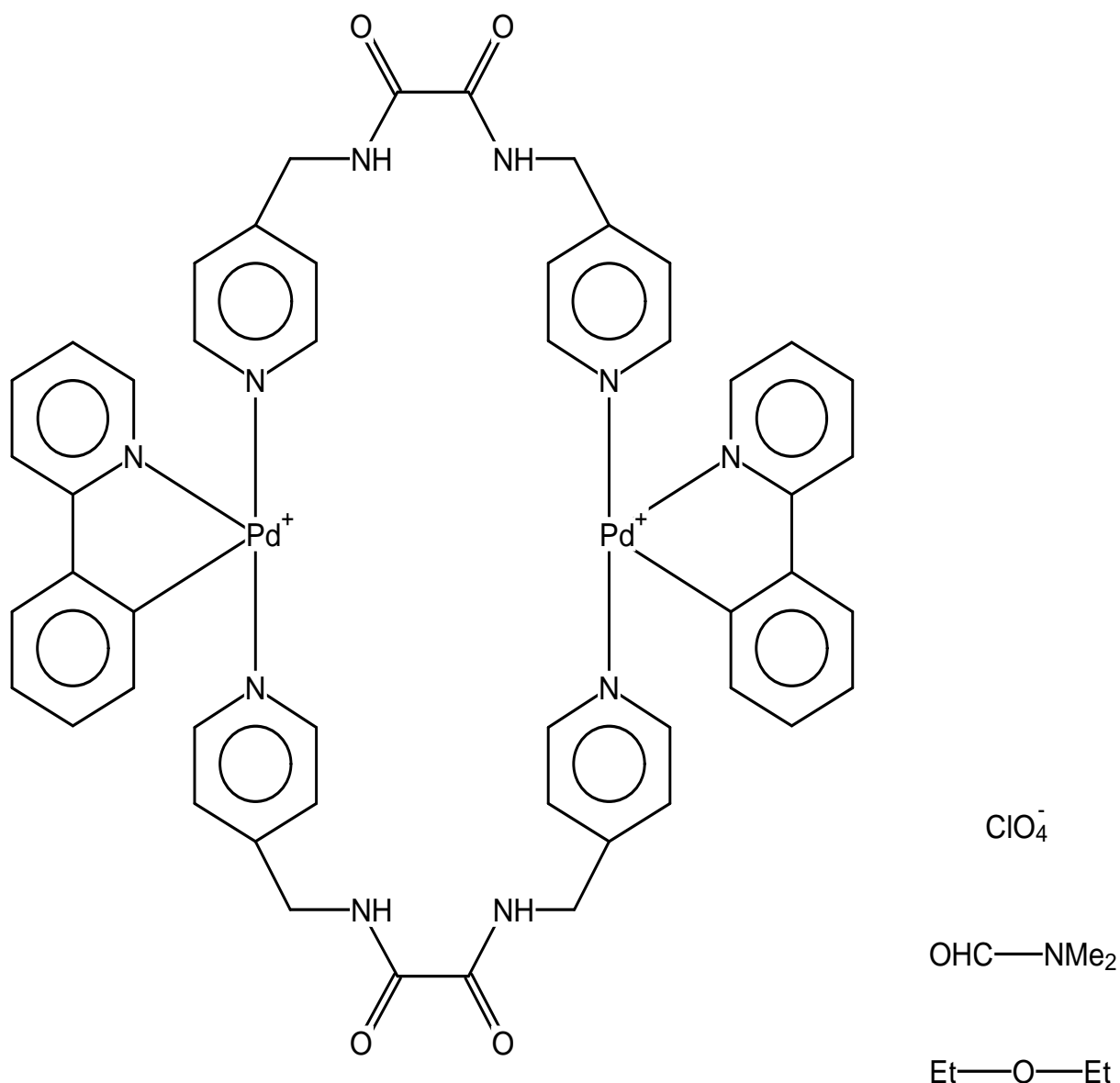
HEYDOF

Reference: Biing-Chiau Tzeng, Yung-Chi Huang, Bo-So Chen, Wan-Min Wu, Shih-Yang Lee, Gene-Hsiang Lee, Shie-Ming Peng (2007) *Inorg.Chem.*, **46**,186

Formula: $C_{50} H_{44} N_{10} O_4 Pd_2^{2+} \cdot 2(Cl_1 O_4^{1-}) \cdot 1.5(C_3 H_7 N_1 O_1) \cdot C_4 H_{10} O_1$

Compound Name: bis((μ_2 -syn-N,N'-bis(4-Pyridylmethyl)oxalamide)-(2-(2-pyridyl)phenyl)-palladium(ii)) perchlorate clathrate perchlorate dimethylformamide diethyl ether solvate

Space Group: P-1 **Cell:** **a** 10.036(0) **b** 17.964(0) **c** 19.857(0)
Space Group No.: 2 **(Å, °)** α 63.17(0) β 85.07(0) γ 76.88(0)
R-Factor (%): 6.16 **Temperature(K):** 150 **Density(g/cm³):** 1.542



Search: search36 (Thu May 26 11:04:57 2011): Hit 11

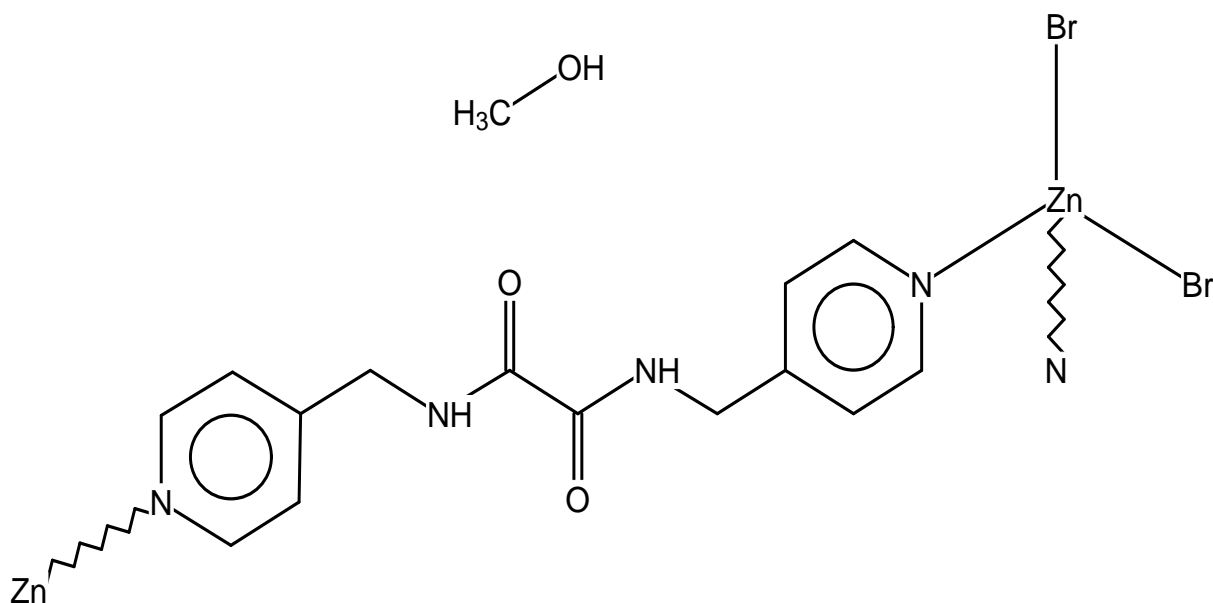
PAVREK

Reference: Biing-Chiau Tzeng, Bo-So Chen, Shih-Yang Lee,
Wei-Hsin Liu, Gene-Hsiang Lee, Shie-Ming Peng (2005)
New J.Chem. ,**29**,1254

Formula: (C₁₄ H₁₄ Br₂ N₄ O₂ Zn₁)_n,2n(C₁ H₄ O₁)

Compound Name: catena-((μ₂-N,N'-bis(4-pyridylmethyl)oxalamide-N'',N''')-dibromo-zinc(ii)
methanol solvate)

Space Group:	Pnna	Cell:	a 7.585(1)	b 12.155(1)	c 22.829(3)
Space Group No.:	52	(Å, °)	α 90.00	β 90.00	γ 90.00
R-Factor (%):	3.39	Temperature(K):	150	Density(g/cm³):	1.766



Search: search36 (Thu May 26 11:04:57 2011): Hit 12

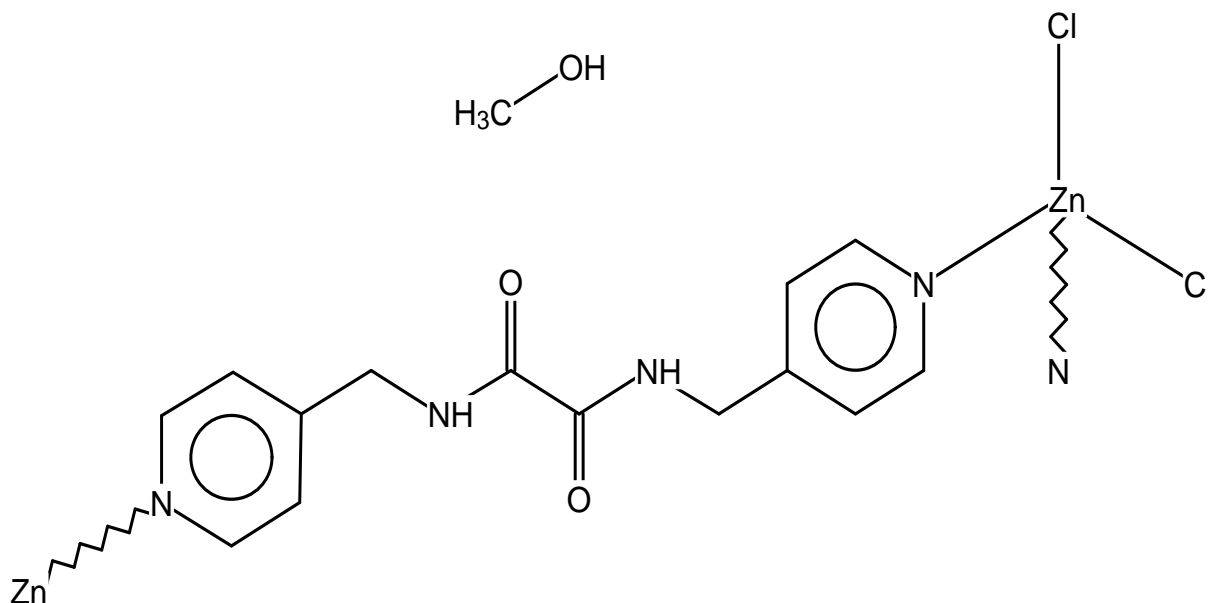
PAVRIO

Reference: Biing-Chiau Tzeng, Bo-So Chen, Shih-Yang Lee, Wei-Hsin Liu, Gene-Hsiang Lee, Shie-Ming Peng (2005) *New J.Chem.* ,**29**,1254

Formula: (C₁₄ H₁₄ Cl₂ N₄ O₂ Zn₁)_n,2n(C₁ H₄ O₁)

Compound Name: catena-((μ₂-N,N'-bis(4-pyridylmethyl)oxalamide-N'',N''')-dichloro-zinc(ii) methanol solvate)

Space Group:	Pnna	Cell:	a 7.415(0)	b 11.822(0)	c 22.706(0)
Space Group No.:	52	(Å, °)	α 90.00	β 90.00	γ 90.00
R-Factor (%):	5.01	Temperature(K):	150	Density(g/cm³):	1.571



Search: search36 (Thu May 26 11:04:57 2011): Hit 13

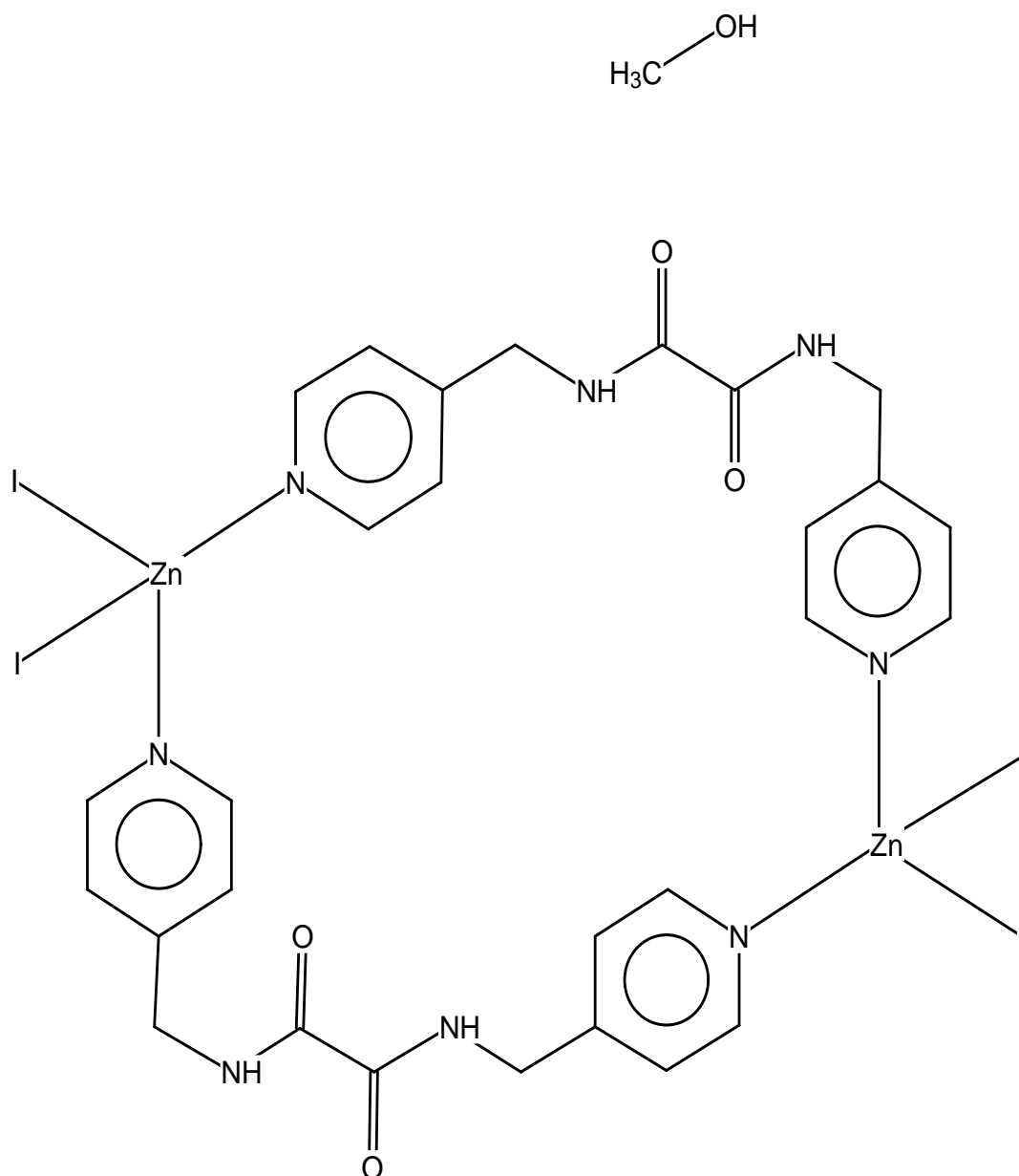
PAVROU

Reference: Biing-Chiau Tzeng, Bo-So Chen, Shih-Yang Lee,
Wei-Hsin Liu, Gene-Hsiang Lee, Shie-Ming Peng (2005)
New J.Chem. ,**29**,1254

Formula: C₂₈ H₂₈ I₄ N₈ O₄ Zn₂, C₁ H₄ O₁

Compound Name: bis((μ₂-N,N'-bis(4-pyridylmethyl)oxalamide-N'',N''')-diiodo-zinc(ii))
methanol clathrate

Space Group:	P-1	Cell:	a 8.232(0)	b 10.948(0)	c 12.033(0)
Space Group No.:	2	(Å, °)	α 105.91(0)	β 96.54(0)	γ 102.91(0)
R-Factor (%):	3.14	Temperature(K):	150	Density(g/cm³):	2.013



Search: search36 (Thu May 26 11:04:57 2011): Hit 14

XEGYAK

Reference: C.L.Schauer, E.Matwey, F.W.Fowler, J.W.Lauher (1998)
Crystal Engineering, 1, 213

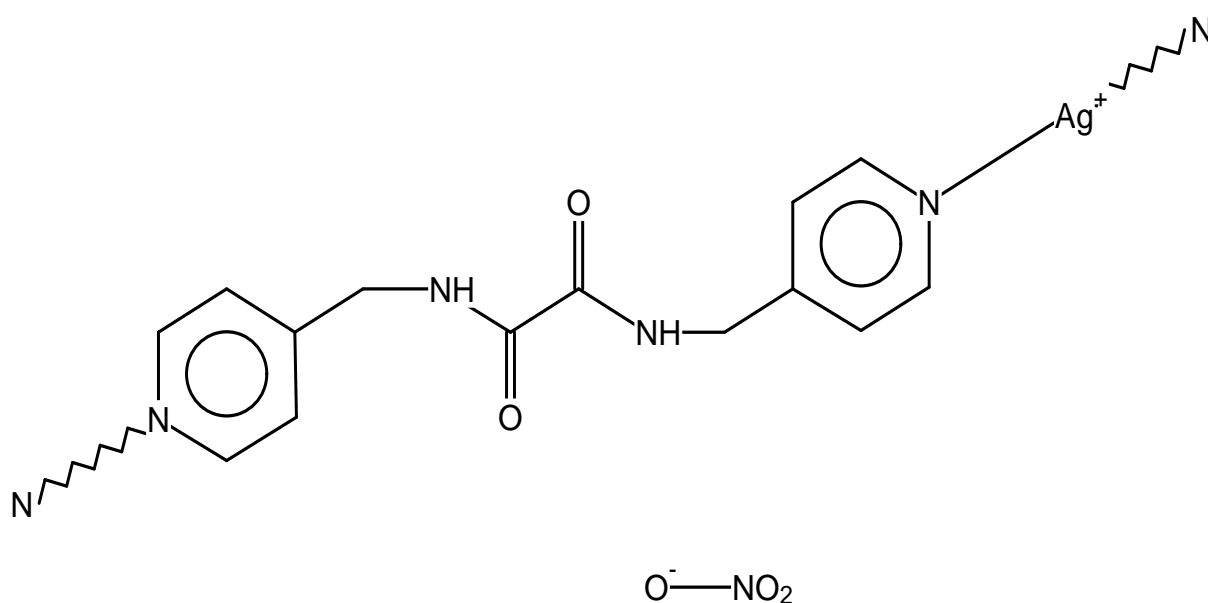
Formula: (C₁₄ H₁₄ Ag₁ N₄ O₂¹⁺)_n, n(N₁ O₃¹⁻)

Compound Name: catena-((μ₂-N,N'-bis(4-Pyridylmethyl)oxalamide)-silver(i) nitrate)

Space Group: C2/c **Cell:** **a** 19.522(0) **b** 9.705(2) **c** 9.240(1)

Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 115.00(10) **γ** 90.00

R-Factor (%): 5.10 **Temperature(K):** 295 **Density(g/cm³):** 1.843



Search: search36 (Thu May 26 11:04:57 2011): Hit 15

XIYROM

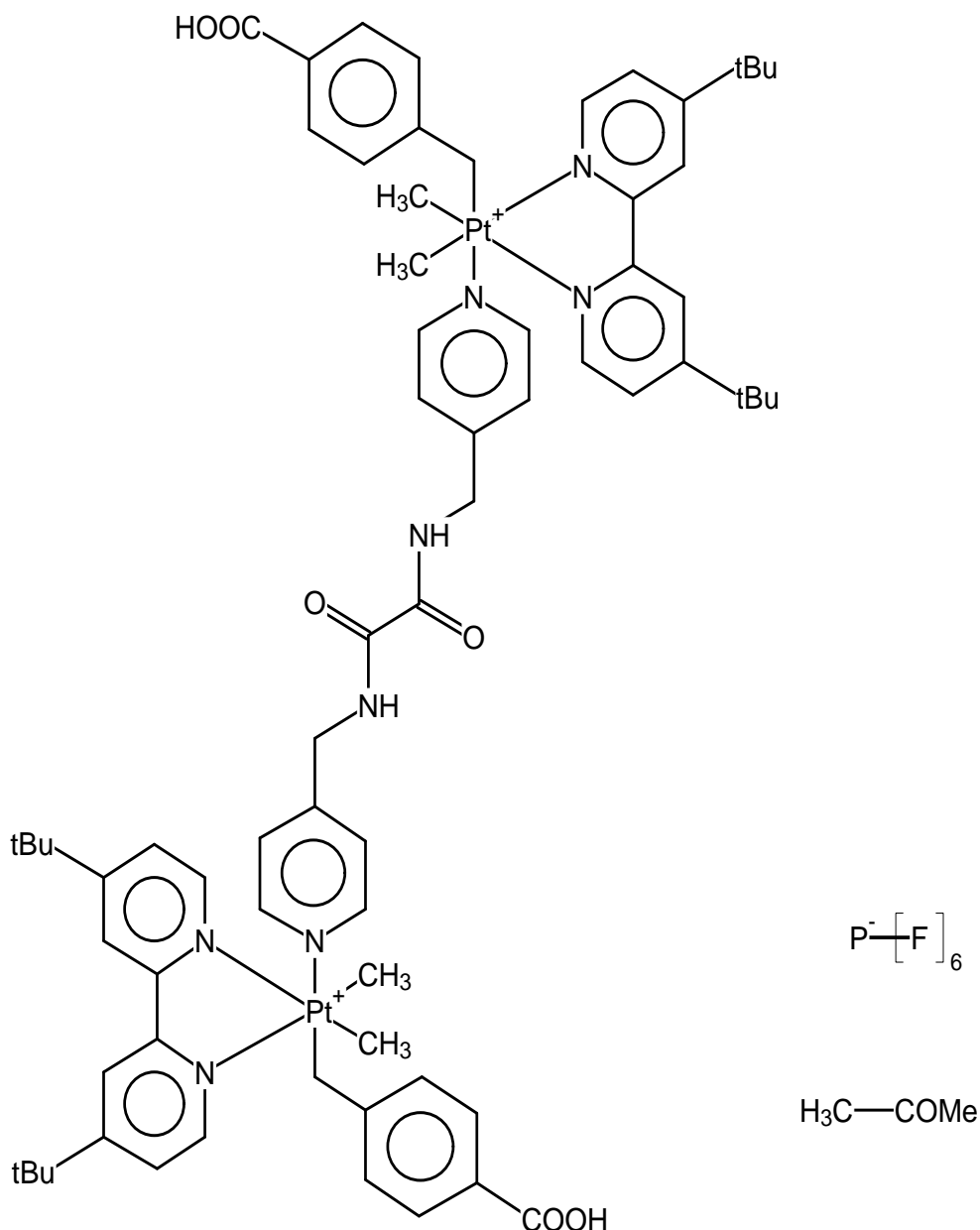
Reference: C.S.A.Fraser, D.J.Eisler, M.C.Jennings, R.J.Puddephatt
(2002) *Chem.Commun.* ,1224

Formula: C₇₀ H₈₈ N₈ O₆ Pt₂²⁺, 2(F₆ P₁¹⁻), 1.5(C₃ H₆ O₁)

Compound Name: (μ₂-N,N'-bis(Pyridin-4-ylmethyl)oxalamide)-tetramethyl-bis((4,4'-di-t-butyl-2,2'-bipyridyl)-(4-carboxybenzyl)-platinum(iv))
bis(hexafluorophosphate) acetone solvate

Space Group: P-1 **Cell:** **a** 16.333(0) **b** 16.609(0) **c** 17.843(0)
Space Group No.: 2 **(Å, °)** **α** 98.68(0) **β** 106.84(0) **γ** 91.36(0)

R-Factor (%): 6.22 **Temperature(K):** 200 **Density(g/cm³):** 1.385



Search Overview

Search: search37
Date/Time done: Thu May 26 11:06:35 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: 5

Summary of queries used. Search found structures that:

match

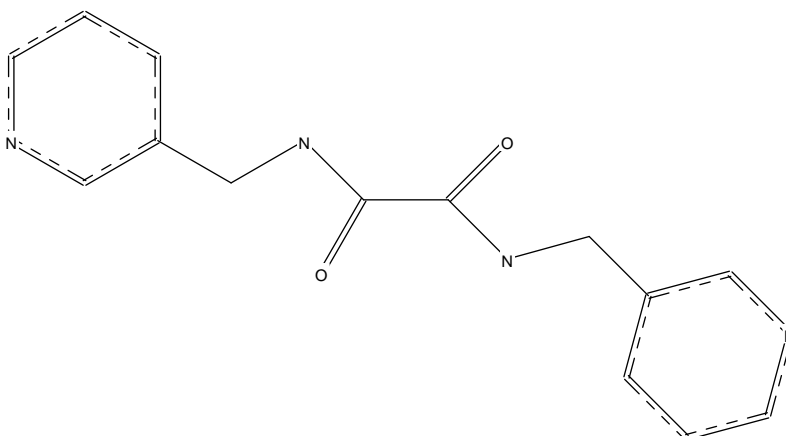
Query 2

Query 3

Query 2

4M

Query 3



Search: search37 (Thu May 26 11:06:35 2011): Hit 1

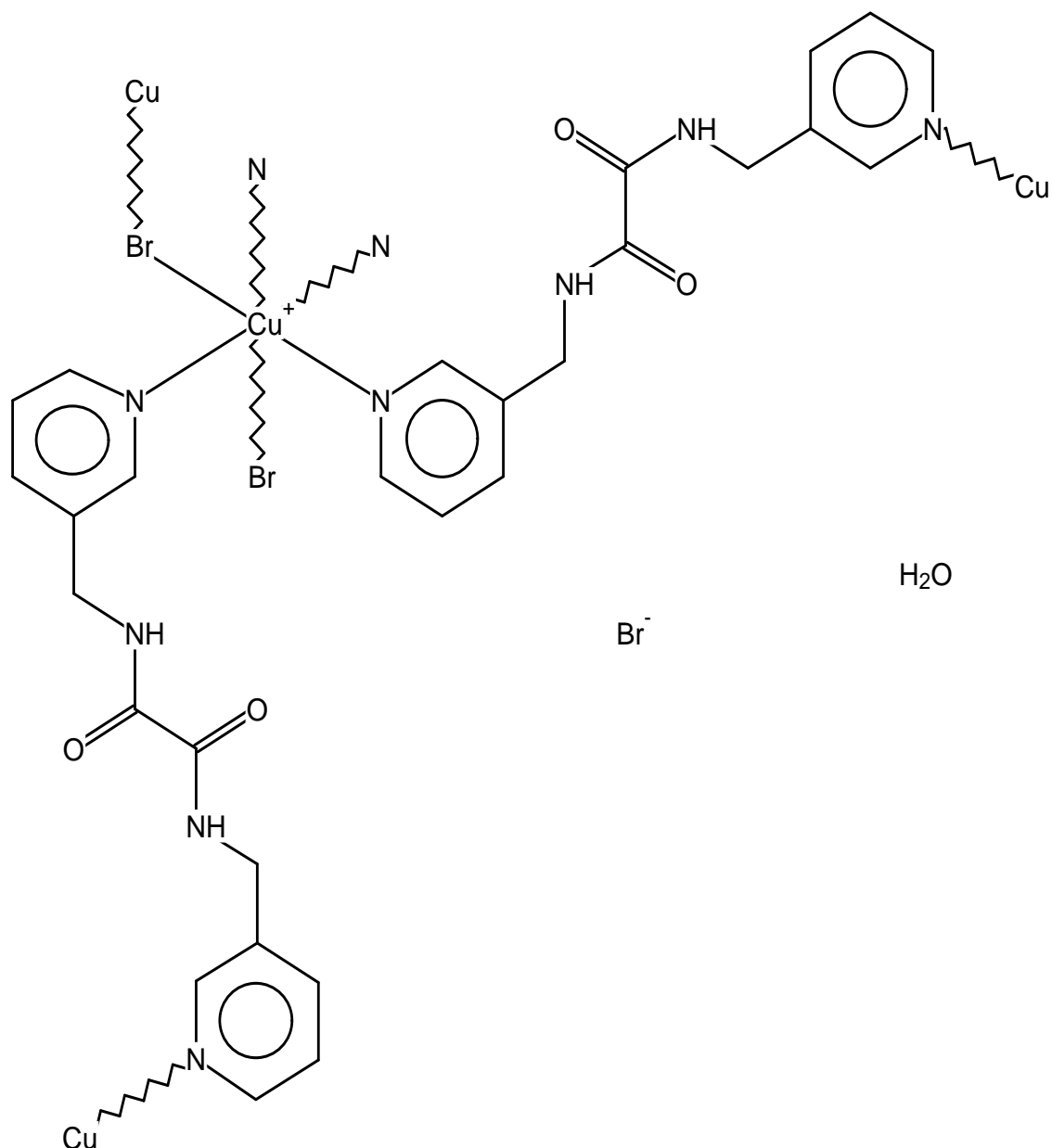
CIYZUG

Reference: Qingdao Zeng, Min Li, Dongxia Wu, Shengbin Lei, Caiming Liu, Lingyu Piao, Yanlian Yang, Shiyuan An, Chen Wang (2008) *Cryst. Growth Des.* ,8,869

Formula: $(C_{28} H_{28} Br_1 Cu_1 N_8 O_4^{1+})_n, n(Br_1^{-1-}), 2n(H_2 O_1)$

Compound Name: catena-[(μ_2 -Bromo)-bis(μ_2 -N,N'-bis(4-pyridylmethyl)oxalamido)-copper(ii) bromide dihydrate]

Space Group:	P2/c	Cell:	a 17.314(3)	b 5.363(1)	c 23.927(7)
Space Group No.:	13	(Å, °)	α 90.00	β 133.58(1)	γ 90.00
R-Factor (%):	4.79	Temperature(K):	293	Density(g/cm³):	1.651



Search: search37 (Thu May 26 11:06:35 2011): Hit 2

IXOBOM

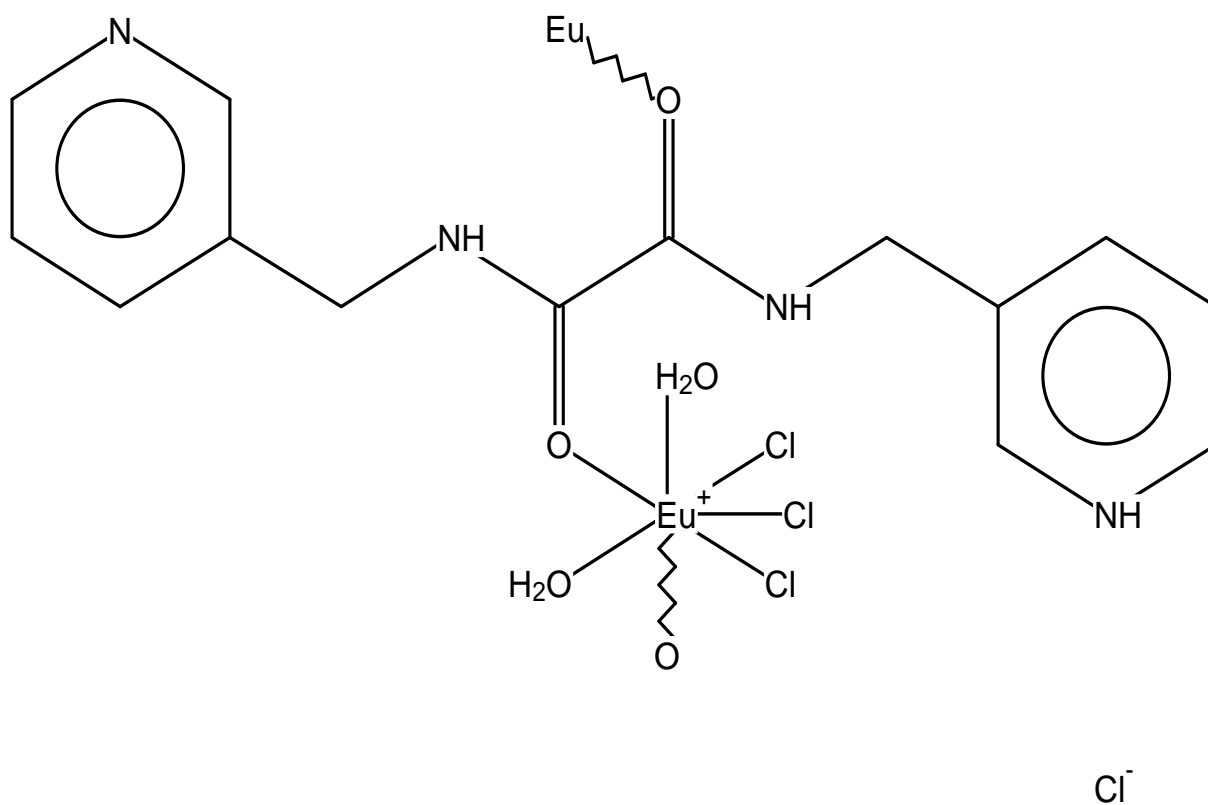
Reference: D.L.Reger, D.M.C.Smith, K.D.Shimizu, M.D.Smith (2004)
Polyhedron ,23,711

Formula: (C₁₄ H₁₉ Cl₃ Eu₁ N₄ O₄ 1⁺)_n,n(Cl₁ 1⁻)

Compound Name: catena-((μ₂-N,N'-bis(3-pyridylmethyl)oxalamido)-trichloro-diaqua-europium chloride)

Space Group: P-1 **Cell:** **a** 7.732(0) **b** 11.337(0) **c** 12.208(0)
Space Group No.: 2 **(Å, °)** **α** 94.83(0) **β** 101.63(0) **γ** 102.38(0)

R-Factor (%): 2.99 **Temperature(K):** 150 **Density(g/cm³):** 1.967



Search: search37 (Thu May 26 11:06:35 2011): Hit 3

NOQSUH

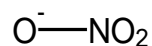
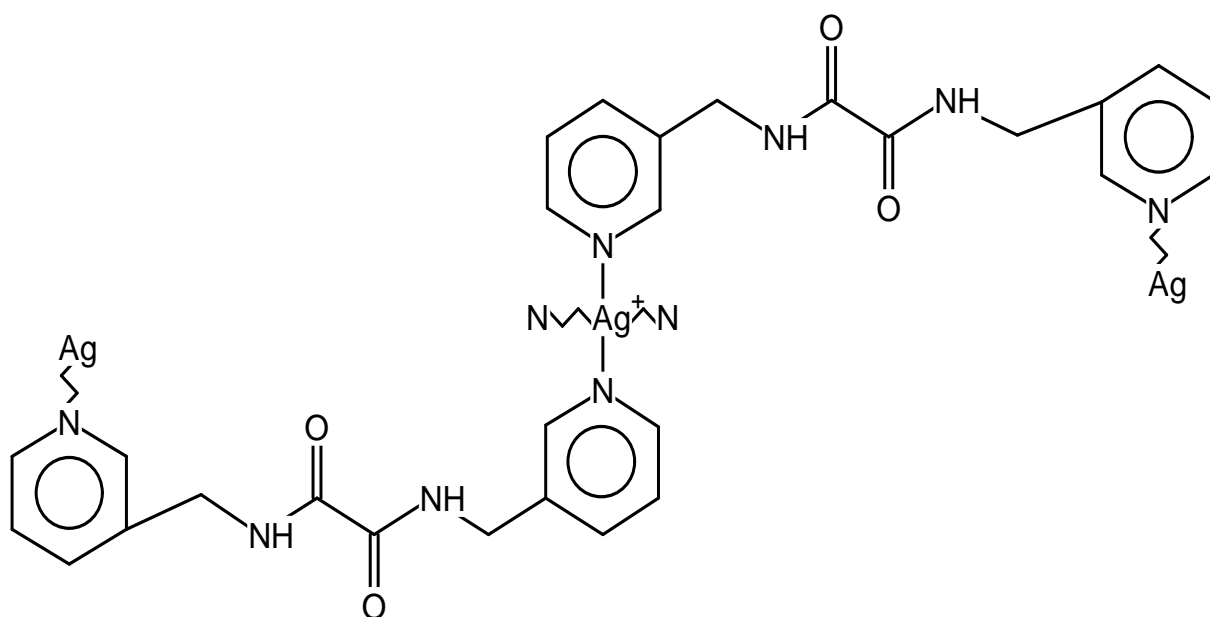
Reference: C.L.Schauer, E.Matwey, F.W.Fowler, J.W.Lauher (1997)
J.Am.Chem.Soc. ,**119**,10245

Formula: (C₂₈ H₂₈ Ag₁ N₈ O₄¹⁺)_n,n(N₁ O₃¹⁻)

Compound Name: catena(bis(μ₂-N,N'-bis(3-Pyridylmethyl)-oxaladiamide)-silver nitrate)

Space Group:	P4/n	Cell:	a 16.869(2)	b 16.869(2)	c 5.123(1)
Space Group No.:	85	(Å, °)	α 90.00	β 90.00	γ 90.00

R-Factor (%):	3.20	Temperature(K):	295	Density(g/cm³):	1.619
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Search: search37 (Thu May 26 11:06:35 2011): Hit 4

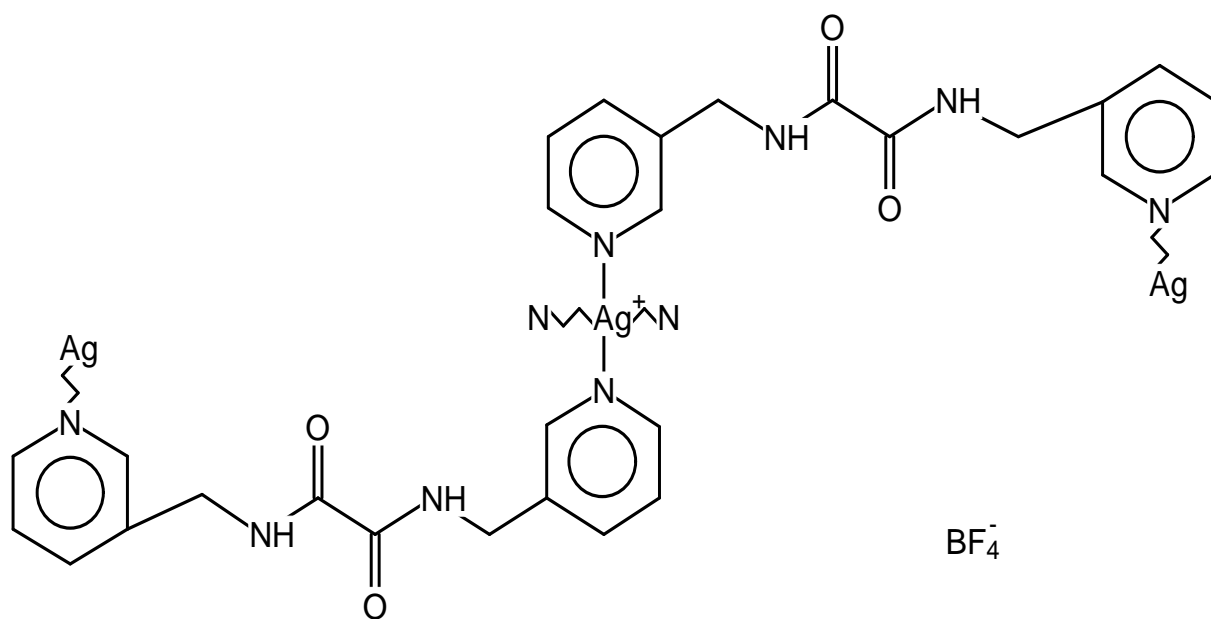
NOQTAO

Reference: C.L.Schauer, E.Matwey, F.W.Fowler, J.W.Lauher (1997)
J.Am.Chem.Soc. ,**119**,10245

Formula: (C₂₈ H₂₈ Ag₁ N₈ O₄ 1⁺)_n,n(B₁ F₄ 1⁻)

Compound Name: catena(bis(μ₂-N,N'-bis(3-Pyridylmethyl)-oxaladiamide)-silver tetrafluoroborate)

Space Group:	P4/n	Cell:	a 16.957(3)	b 16.957(3)	c 5.129(2)
Space Group No.:	85	(Å, °)	α 90.00	β 90.00	γ 90.00
R-Factor (%):	6.80	Temperature(K):	295	Density(g/cm³):	1.656



Search: search37 (Thu May 26 11:06:35 2011): Hit 5

XACDEL

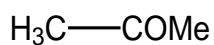
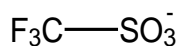
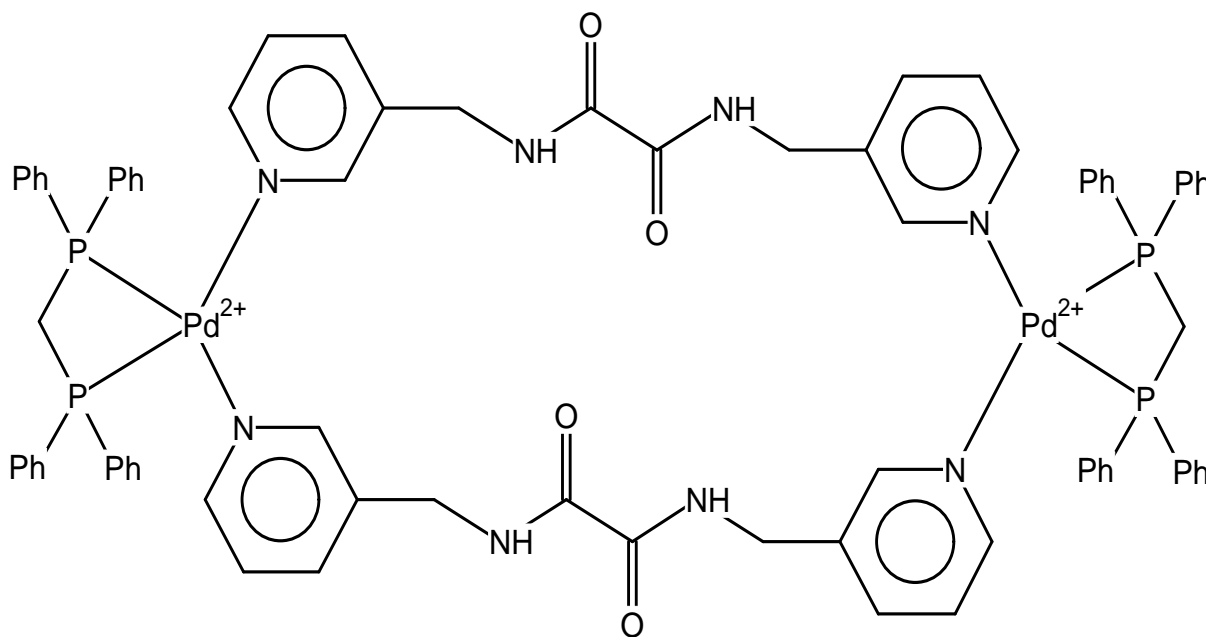
Reference: Zengquan Qin, M.C.Jennings, R.J.Puddephatt (2003)
Inorg.Chem. ,**42**,1956

Formula: C₇₈ H₇₂ N₈ O₄ P₄ Pd₂⁴⁺,4(C₁ F₃ O₃ S₁¹⁻),2(C₃ H₆ O₁)

Compound Name: bis(μ_2 -N,N'-bis(3-Pyridylmethyl)oxaladiamide-N,N')-
(bis(diphenylphosphino)methane-P,P')-di-palladium(ii)
tetrakis(trifluoromethanesulfonate) acetone solvate

Space Group: P21/c **Cell:** **a** 19.037(0) **b** 11.841(0) **c** 21.906(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.42(0) γ 90.00

R-Factor (%): 4.50 **Temperature(K):** 200 **Density(g/cm³):** 1.510



Search Overview

Search: search8
Date/Time done: Tue Jul 12 22:11:57 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: 2

Summary of queries used. Search found structures that:

match

Query 1

Query 2

Query 1

4M

Query 2



Search: search8 (Tue Jul 12 22:11:57 2011): Hit 1

KOBFEN

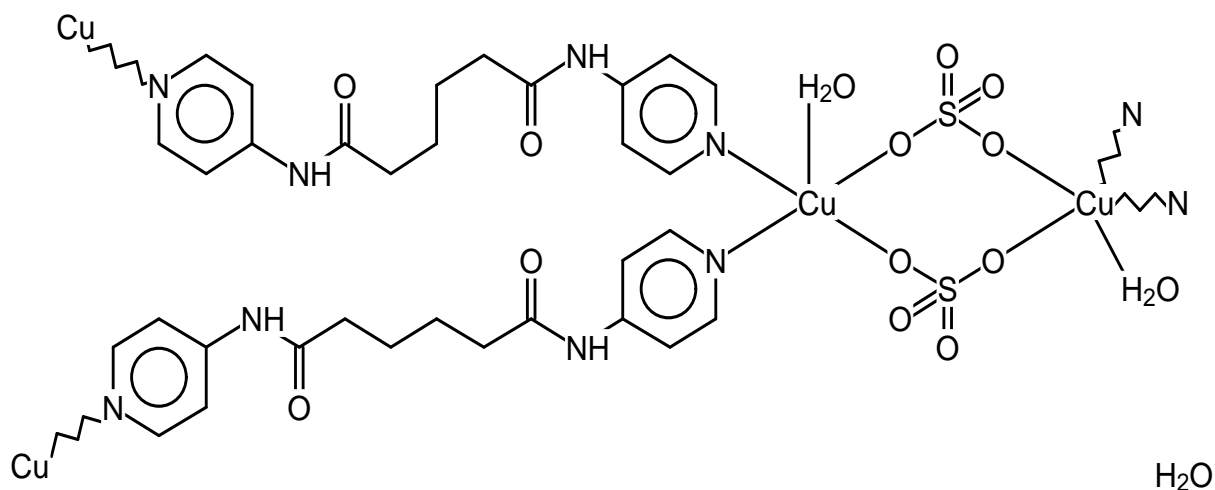
Reference: Yi-Fen Hsu, Chia-Her Lin, Jhy-Der Chen, Ju-Chun Wang
(2008) *Cryst. Growth Des.*, **8**,1094

Formula: $(C_{32} H_{40} Cu_2 N_8 O_{14} S_2)_n \cdot 2n(H_2 O)_1$

Compound Name: catena-(bis(μ_2 -N,N'-bis(4-pyridyl)adipamide)-bis(μ_2 -sulfato)-diaqua-dicopper(ii) dihydrate)

Space Group: Pna21 **Cell:** **a** 18.698(1) **b** 13.713(1) **c** 16.305(2)
Space Group No.: 33 (**Å, °**) α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.65 **Temperature(K)**: 295 **Density(g/cm³)**: 1.570



Search: search8 (Tue Jul 12 22:11:57 2011): Hit 2

XOPLEU

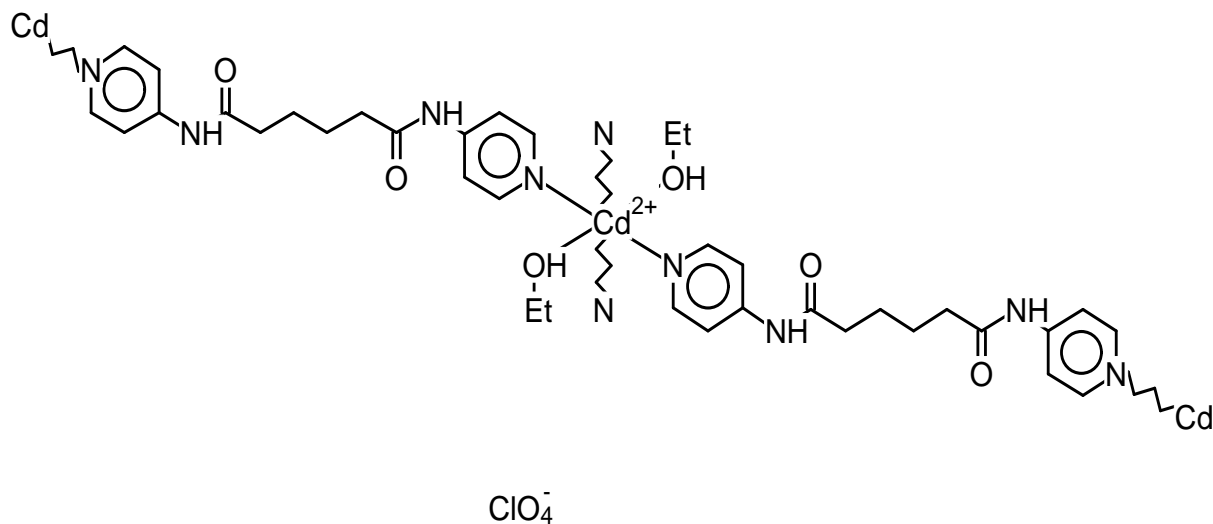
Reference: Yi-Fen Hsu, Hui-Ling Hu, Chia-Jun Wu, Chun-Wei Yeh, D.M.Proserpio, Jhy-Der Chen (2009) *CrystEngComm*, **11**,168

Formula: $(C_{36} H_{48} Cd_1 N_8 O_6^{2+})_n, 2n(Cl_1 O_4^{1-})$

Compound Name: catena-(bis(μ_2 -N,N'-bis(4-Pyridyl)adipoamide-N,N')-bis(ethanol)-cadmium(ii) diperchlorate)

Space Group: Pcca **Cell:** **a** 16.779(2) **b** 12.126(1) **c** 21.766(3)
Space Group No.: 54 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.23 **Temperature(K):** 295 **Density(g/cm³):** 1.500



Search Overview

Search: search2
Date/Time done: Wed Jul 13 12:34:31 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: 4

Summary of queries used. Search found structures that:

match

Query 1

Query 2

Query 1

4M

Query 2



Search: search2 (Wed Jul 13 12:34:31 2011): Hit 1

VULFOY

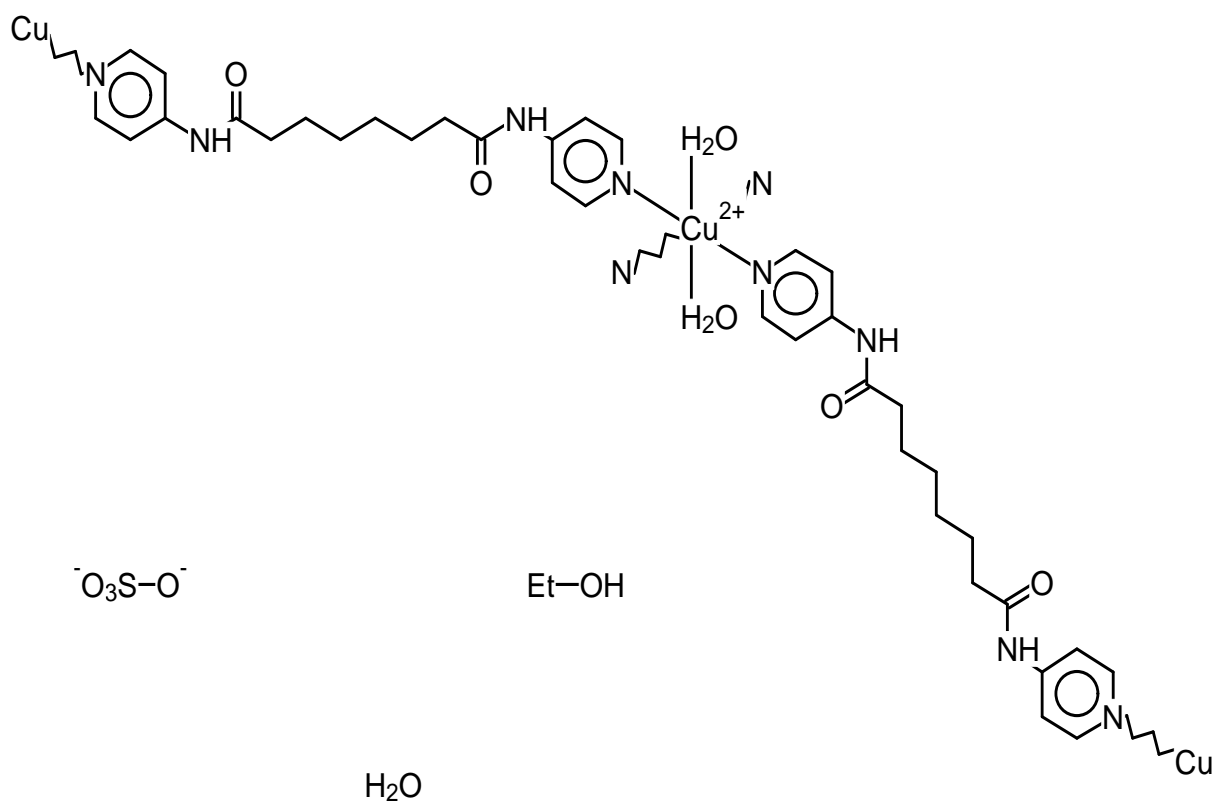
Reference: L.Rajput, K.Biradha (2009) *Cryst.Growth Des.* ,9,3848

Formula: $(C_{36} H_{48} Cu_1 N_8 O_6^{2+})_n, n(O_4 S_1^{2-}), 2n(C_2 H_6 O_1), 3n(H_2 O_1)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(4-Pyridyl)suberamide-N,N')-diaqua-copper(ii) sulfate ethanol solvate trihydrate)

Space Group: P212121 **Cell:** **a** 14.262(3) **b** 14.562(3) **c** 23.545(5)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.04 **Temperature(K):** 293 **Density(g/cm³):** 1.351



Search: search2 (Wed Jul 13 12:34:31 2011): Hit 2

VULFUE

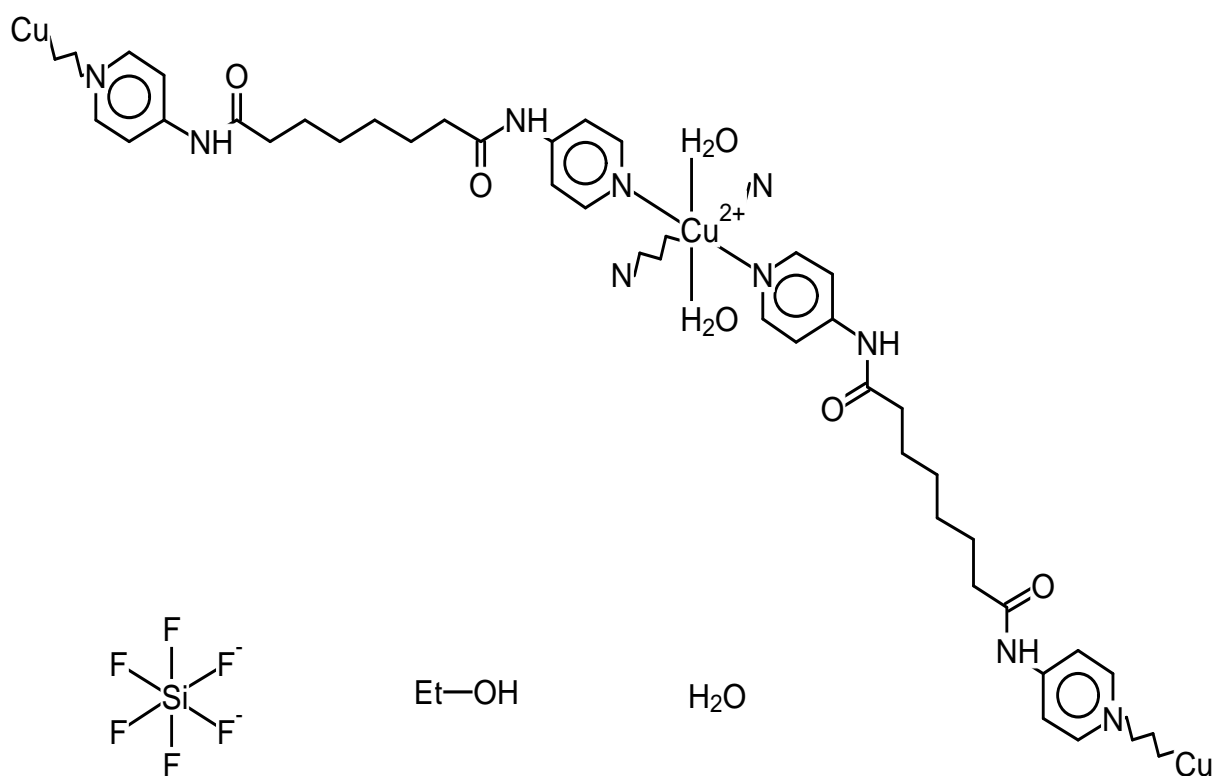
Reference: L.Rajput, K.Biradha (2009) *Cryst.Growth Des.* ,9,3848

Formula: $(C_{36} H_{48} Cu_1 N_8 O_6^{2+})_n, n(F_6 Si_1^{2-}), 2n(C_2 H_6 O_1), 3n(H_2 O_1)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(4-Pyridyl)suberamide-N,N')-diaqua-copper(ii) hexafluorosilicate ethanol solvate trihydrate)

Space Group: P212121 **Cell:** **a** 14.532(1) **b** 14.557(1) **c** 23.839(3)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 7.63 **Temperature(K):** 293 **Density(g/cm³):** 1.371



Search: search2 (Wed Jul 13 12:34:31 2011): Hit 3

VULGAL

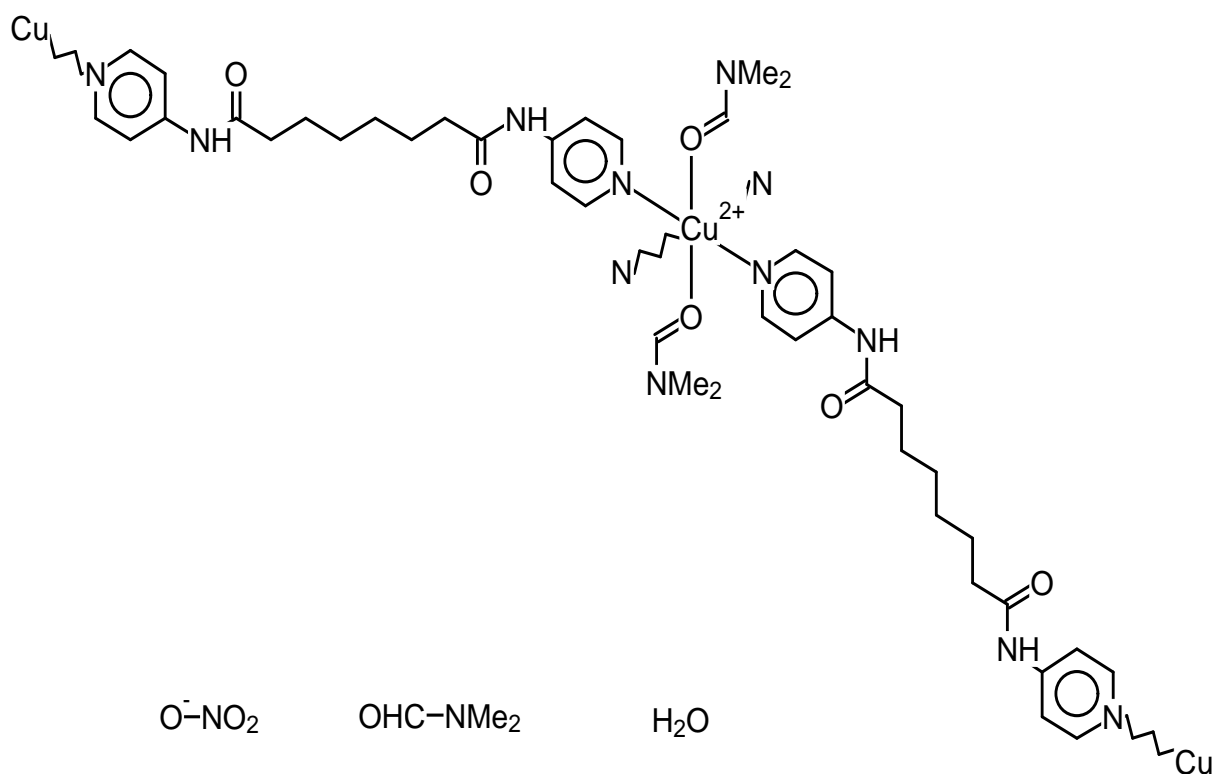
Reference: L.Rajput, K.Biradha (2009) *Cryst.Growth Des.* ,9,3848

Formula: $(C_{42} H_{58} Cu_1 N_{10} O_6^{2+})_n, 2n(N_1 O_3^{1-}), n(C_3 H_7 N_1 O_1), 2n(H_2 O_1)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(4-Pyridyl)suberamide-N,N')-bis(dimethylformamide)-copper(ii) dinitrate dimethylformamide solvate dihydrate)

Space Group: C2221 **Cell:** **a** 15.132(0) **b** 22.948(1) **c** 15.477(0)
Space Group No.: 20 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 8.18 **Temperature(K):** 293 **Density(g/cm³):** 1.354



Search: search2 (Wed Jul 13 12:34:31 2011): Hit 4

XUMNAV

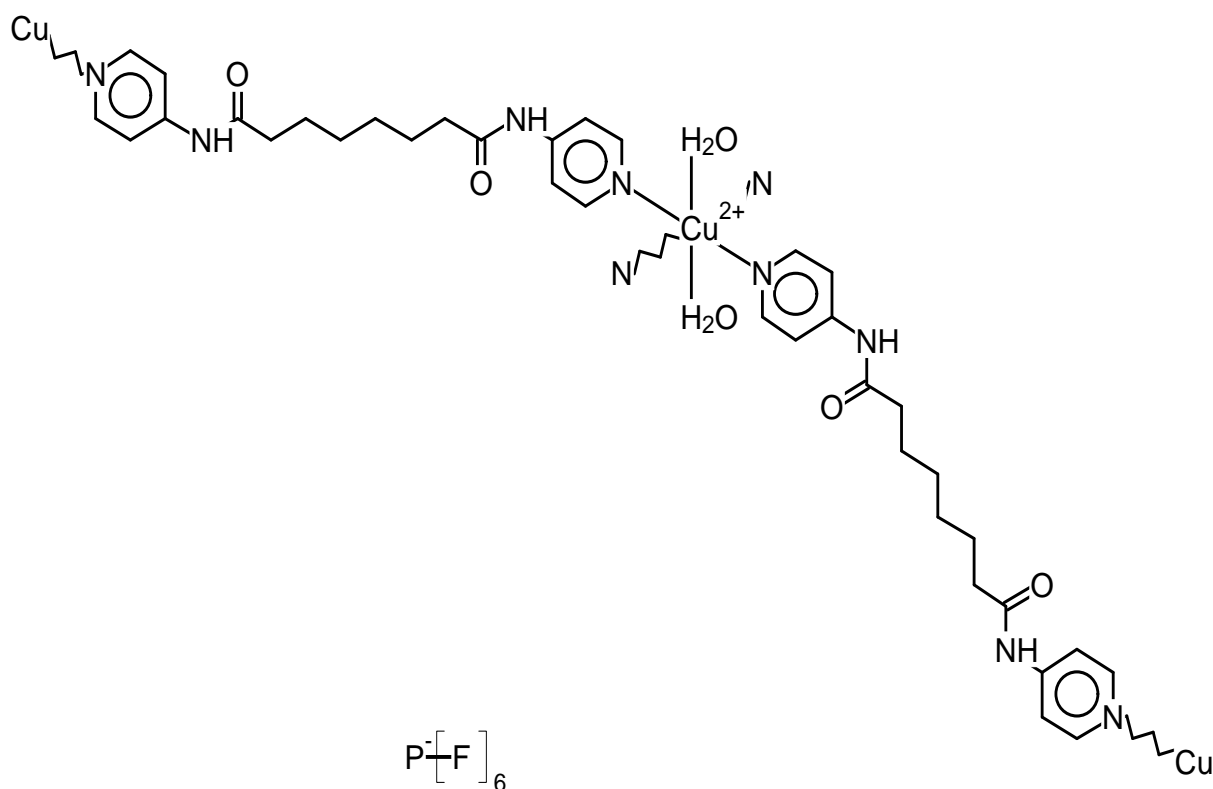
Reference: L.Rajput, K.Biradha (2009) *Cryst.Growth Des.* ,9,3848

Formula: $(C_{36} H_{48} Cu_1 N_8 O_6^{2+})_n, 2n(F_6 P_1^{1-})$

Compound Name: catena-(bis(μ_2 -N,N'-bis(4-Pyridyl)suberamide-N,N')-diaqua-copper(ii) bis(hexafluorophosphate))

Space Group: P212121 **Cell:** **a** 14.594(4) **b** 14.633(4) **c** 23.285(7)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 0.00 **Temperature(K):** 295 **Density(g/cm³):** 1.392



Search Overview

Search: search9
Date/Time done: Tue Jul 12 22:14:07 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: 1

Summary of queries used. Search found structures that:

match

Query 1

Query 2

Query 1

4M

Query 2



Search: search9 (Tue Jul 12 22:14:07 2011): Hit 1

XOPLAQ

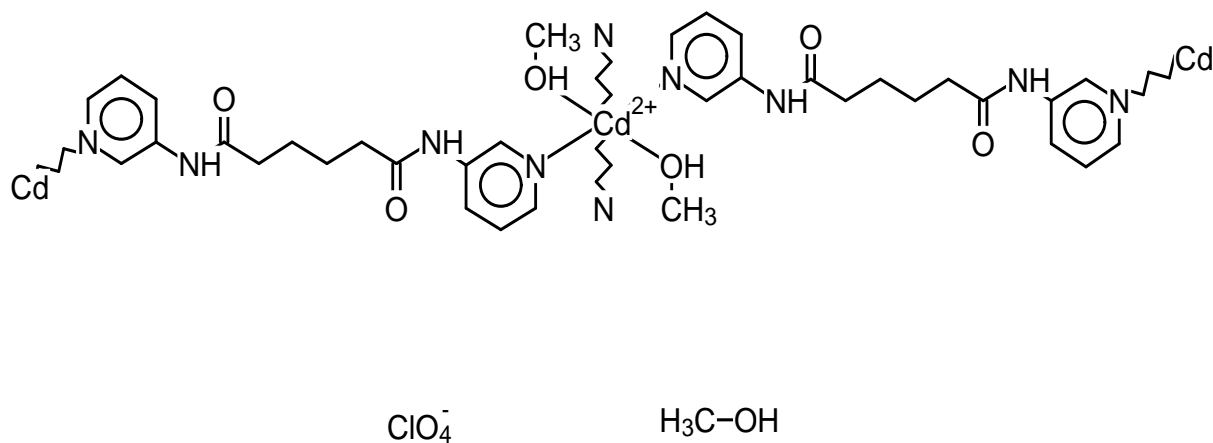
Reference: Yi-Fen Hsu, Hui-Ling Hu, Chia-Jun Wu, Chun-Wei Yeh, D.M.Proserpio, Jhy-Der Chen (2009) *CrystEngComm*, **11**,168

Formula: $(C_{34} H_{44} Cd_1 N_8 O_6^{2+})_n, 2n(Cl_1 O_4^{1-}), 2n(C_1 H_4 O_1)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(3-Pyridyl)adipoamide-N,N')-bis(methanol)-cadmium(ii) diperchlorate methanol solvate)

Space Group: P-1 **Cell:** **a** 9.676(1) **b** 9.974(1) **c** 12.434(1)
Space Group No.: 2 (**Å, °**) α 76.55(0) β 78.66(0) γ 79.37(0)

R-Factor (%): 6.17 **Temperature(K):** 295 **Density(g/cm³):** 1.520



Search Overview

Search: search2
Date/Time done: Wed Jul 13 12:40:51 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: 4

Summary of queries used. Search found structures that:

match

Query 1

Query 2

Query 1

4M

Query 2



Search: search2 (Wed Jul 13 12:40:51 2011): Hit 1

UHXEP

Reference: L.Rajput, K.Biradha (2009) *CrystEngComm* ,11,1220

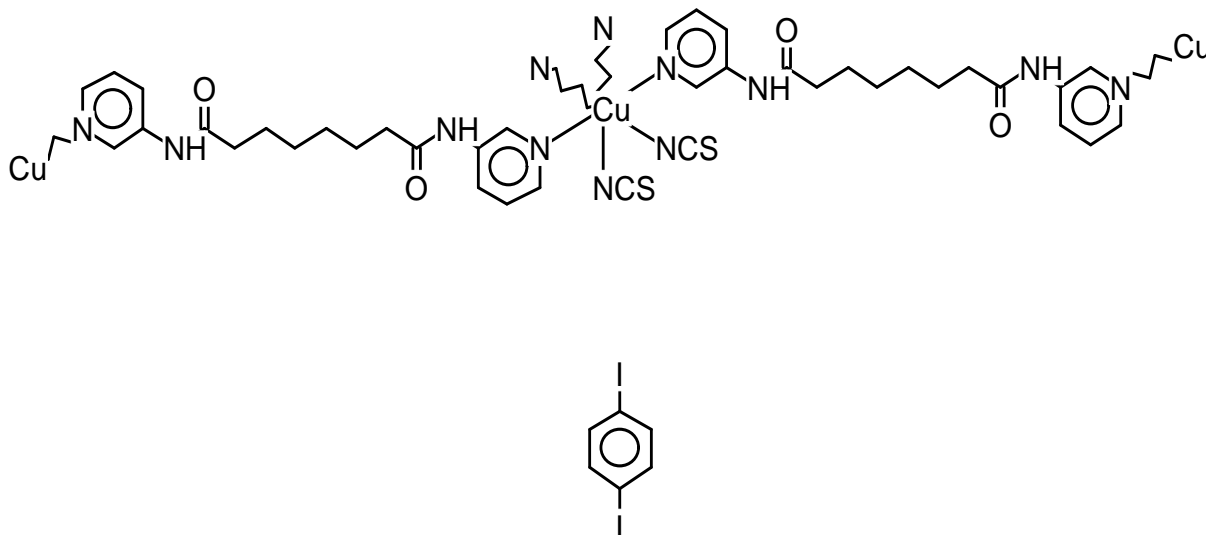
Formula: $(C_{38} H_{44} Cu_1 N_{10} O_4 S_2)_n \cdot 2n(C_6 H_4 I_2)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(Pyridin-3-yl)octanediamide-N,N')-bis(isothiocyanato)-copper(ii) bis(1,4-di-iodobenzene) clathrate)

Space Group: P-1 **Cell:** **a** 9.008(4) **b** 10.139(5) **c** 16.671(8)

Space Group No.: 2 **(Å, °)** α 92.82(1) β 104.17(1) γ 109.24(1)

R-Factor (%): 5.31 **Temperature(K):** 293 **Density(g/cm³):** 1.796



Search: search2 (Wed Jul 13 12:40:51 2011): Hit 2

UHIXIT

Reference: L.Rajput, K.Biradha (2009) *CrystEngComm* ,11,1220

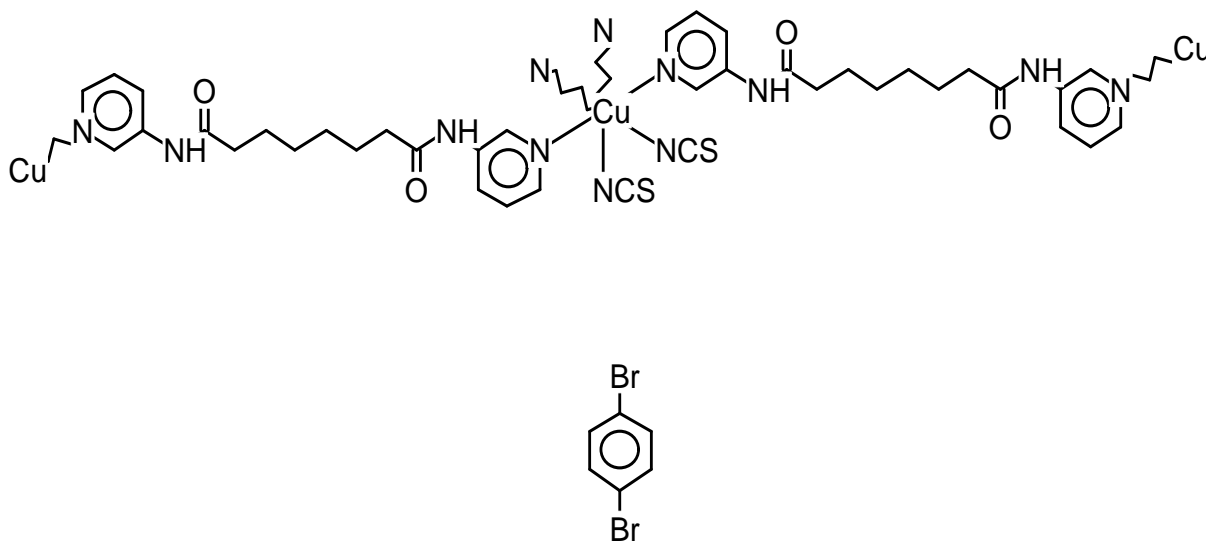
Formula: $(C_{38} H_{44} Cu_1 N_{10} O_4 S_2)_n \cdot 2n(C_6 H_4 Br_2)$

Compound Name: catena-(bis(μ_2 -N,N'-bis(Pyridin-3-yl)octanediamide-N,N')-bis(isothiocyanato)-copper(ii) bis(1,4-dibromobenzene) clathrate)

Space Group: P-1 **Cell:** **a** 9.106(1) **b** 10.028(1) **c** 16.012(2)

Space Group No.: 2 **(Å, °)** α 94.20(0) β 102.98(0) γ 108.09(0)

R-Factor (%): 6.54 **Temperature(K):** 293 **Density(g/cm³):** 1.619



Search: search2 (Wed Jul 13 12:40:51 2011): Hit 3

UHIXOZ

Reference: L.Rajput, K.Biradha (2009) *CrystEngComm* ,11,1220

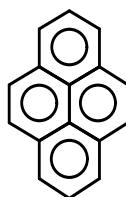
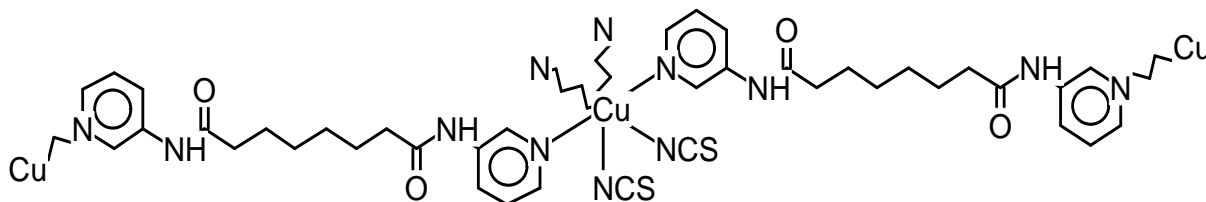
Formula: $(C_{38} H_{44} Cu_1 N_{10} O_4 S_2)_n, 2n(C_{16} H_{10})$

Compound Name: catena-(bis(μ_2 -N,N'-bis(Pyridin-3-yl)octanediamide-N,N')-bis(isothiocyanato)-copper(ii) bis(pyrene) clathrate)

Space Group: P21/n **Cell:** **a** 10.144(0) **b** 14.972(0) **c** 20.351(0)

Space Group No.: 14 **(Å, °)** α 90.00 β 101.11(0) γ 90.00

R-Factor (%): 4.48 **Temperature(K):** 293 **Density(g/cm³):** 1.355



Search: search2 (Wed Jul 13 12:40:51 2011): Hit 4

UHIXUF

Reference: L.Rajput, K.Biradha (2009) *CrystEngComm* ,11,1220

Formula: (C₃₈ H₄₄ Cu₁ N₁₀ O₄ S₂)_n,2n(C₁₄ H₁₀)

Compound Name: catena-(bis(μ₂-N,N'-bis(Pyridin-3-yl)octanediamide-N,N')-bis(isothiocyanato)-copper(ii) bis(phenanthrene) clathrate)

Space Group: P21/n **Cell:** **a** 9.987(1) **b** 14.840(2) **c** 20.416(3)

Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 100.36(0) **γ** 90.00

R-Factor (%): 4.27 **Temperature(K):** 293 **Density(g/cm³):** 1.327

