

Search Overview

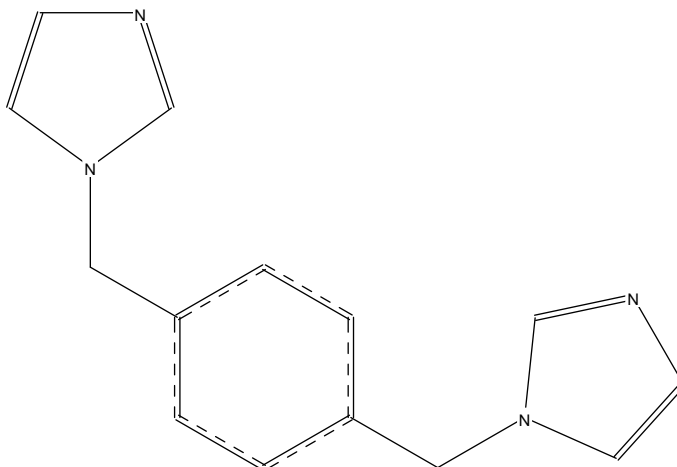
Search:	search1
Date/Time done:	Fri Aug 28 19:32:38 2015
Database(s):	CSD version 5.36 updates (Nov 2014) CSD version 5.36 (November 2014) CSD version 5.36 (November 2014) CSD version 5.36 updates (Feb 2015) CSD version 5.36 updates (May 2015)
Restriction Info:	No refcode restrictions applied
Filters:	None
Percentage Completed:	100%
Number of Hits:	606

Single query used. Search found structures that:

match

Query 1

Query 1



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 1-4

BISCUD

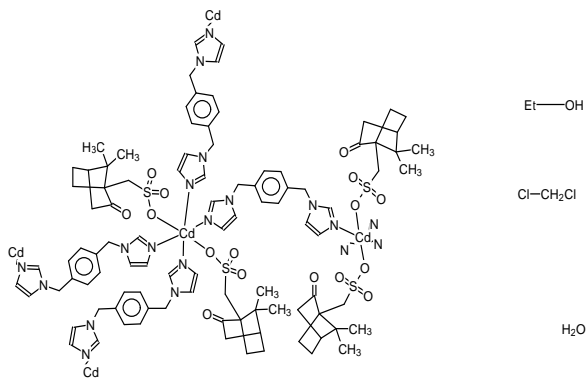
Reference: Zi-Jian Li, Jia Yao, Qian Tao, Long Jiang, Tong-Bu Lu (2013) *Inorg.Chem.*, **52**,11694

Formula: (C₉₆ H₁₁₆ Cd₂ N₁₆ O₁₆ S₄)n.n(C₂ H₆ O₁).2n(C₁ H₂ Cl₂).n(H₂ O₁)

Compound Name: catena-[tetrakis((7,7-dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methanesulfonato)-tetrakis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cadmium(ii) ethanol dichloromethane solvate monohydrate]

Space Group: P1 **Cell:** a 10.357(0) b 14.235(0) c 19.028(0)
Space Group No.: 1 **Cell:** α 93.00(0) β 98.97(0) γ 107.74(0)

R-Factor (%): 5.31 **Temperature(K)**: 150 **Density(g/cm³)**: 1.479



BISCUD01

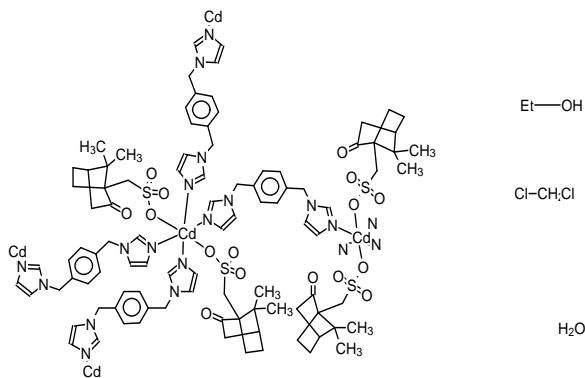
Reference: Zi-Jian Li, Jia Yao, Qian Tao, Long Jiang, Tong-Bu Lu (2013) *Inorg.Chem.*, **52**,11694

Formula: (C₉₆ H₁₁₆ Cd₂ N₁₆ O₁₆ S₄)n.n(C₂ H₆ O₁).2n(C₁ H₂ Cl₂).n(H₂ O₁)

Compound Name: catena-[tetrakis((7,7-dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methanesulfonato)-tetrakis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cadmium(ii) ethanol dichloromethane solvate monohydrate]

Space Group: P1 **Cell:** a 10.348(0) b 14.229(0) c 19.029(0)
Space Group No.: 1 **Cell:** α 93.07(0) β 98.92(0) γ 107.71(0)

R-Factor (%): 4.77 **Temperature(K)**: 150 **Density(g/cm³)**: 1.480



BISDAK

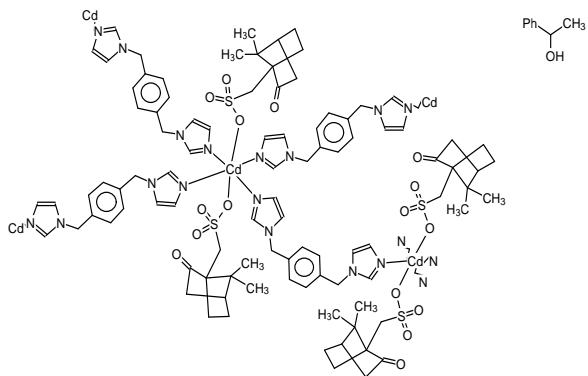
Reference: Zi-Jian Li, Jia Yao, Qian Tao, Long Jiang, Tong-Bu Lu (2013) *Inorg.Chem.*, **52**,11694

Formula: (C₉₆ H₁₁₆ Cd₂ N₁₆ O₁₆ S₄)n.4n(C₈ H₁₀ O₁)

Compound Name: catena-[tetrakis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetrakis((7,7-dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methanesulfonato)-di-cadmium(ii) 1-phenylethanol solvate]

Space Group: P1 **Cell:** a 10.688(0) b 18.327(0) c 18.437(0)
Space Group No.: 1 **Cell:** α 63.64(0) β 88.78(0) γ 83.37(0)

R-Factor (%): 7.71 **Temperature(K)**: 150 **Density(g/cm³)**: 1.340



BISDAK01

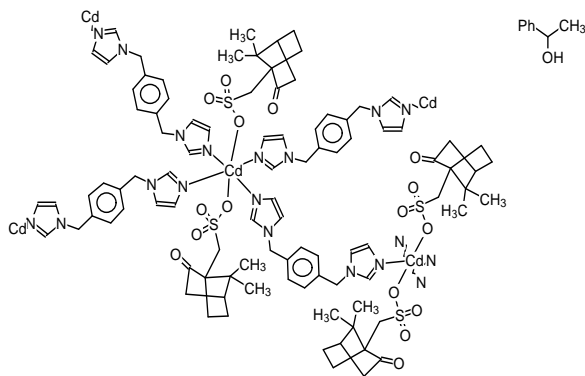
Reference: Zi-Jian Li, Jia Yao, Qian Tao, Long Jiang, Tong-Bu Lu (2013) *Inorg.Chem.*, **52**,11694

Formula: (C₉₆ H₁₁₆ Cd₂ N₁₆ O₁₆ S₄)n.4n(C₈ H₁₀ O₁)

Compound Name: catena-[tetrakis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetrakis((7,7-dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methanesulfonato)-di-cadmium(ii) 1-phenylethanol solvate]

Space Group: P1 **Cell:** a 10.704(0) b 18.323(0) c 18.424(0)
Space Group No.: 1 **Cell:** α 63.58(0) β 88.82(0) γ 83.35(0)

R-Factor (%): 8.23 **Temperature(K)**: 150 **Density(g/cm³)**: 1.340



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 5-8

BOSBOC

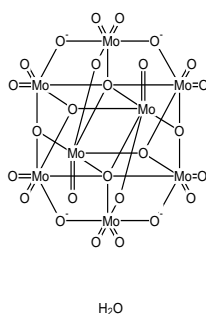
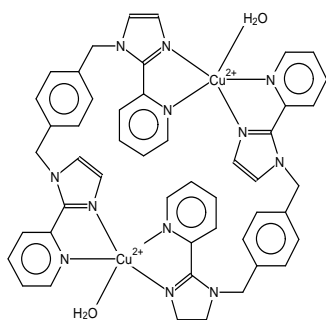
Reference: B.K.Tripuramallu, P.Manna, S.K.Das (2014) *CrystEngComm* ,

Formula: $C_{48}H_{44}Cu_2N_{12}O_2 \cdot 4H_2O$

Compound Name: bis(μ_2 -2,2'-(1,4-Phenylenebis(methylene-1H-imidazole-1,2-diyl))dipyridine)-diaqua-di-copper(II) bis(μ_5 -oxo)-tetrakis(μ_3 -oxo)-hexakis(μ_2 -oxo)-tetradeca-oxo-octa-molybdenum tetrahydrate

Space Group: P21/c **Cell:** a 13.625(1) b 14.739(1) c 16.492(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.70(0) γ 90.00

R-Factor (%): 6.63 **Temperature(K):** 100 **Density(g/cm³):** 2.221



DIQVUW

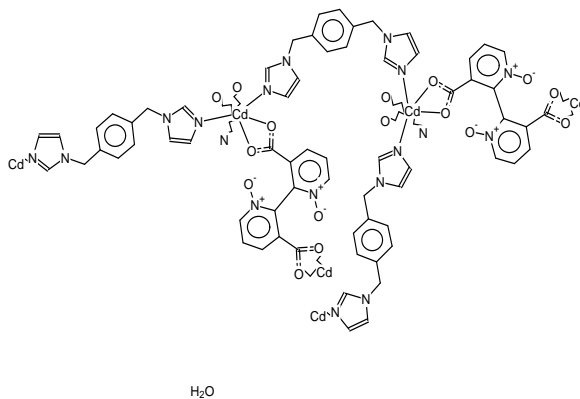
Reference: Zhongping Cui, Ji Qi, Xinxin Xu (2013) *Inorg.Chem.Commun.* ,35,260

Formula: $(C_{66}H_{54}Cd_2N_{16}O_{12})n \cdot 4n(H_2O)_1$

Compound Name: catena-(bis(μ_2 -2,2'-Bipyridine-3,3'-dicarboxylate 1,1'-dioxide)-tris(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene)-di-cadmium tetrahydrate)

Space Group: C2/c **Cell:** a 25.471(2) b 15.388(1) c 17.151(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 98.83(0) γ 90.00

R-Factor (%): 5.13 **Temperature(K):** 293 **Density(g/cm³):** 1.560



DOJNAT

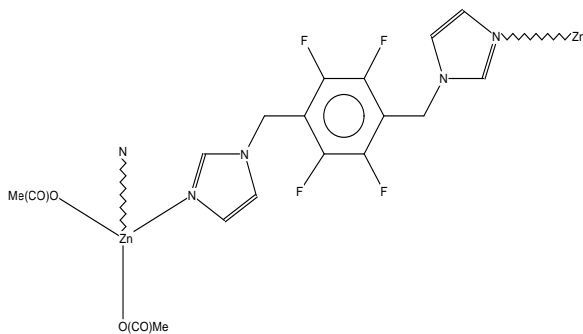
Reference: Feng Tian, Hong-Dan Wang, Ming-Yang He, Qun Chen, Sheng-Chun Chen (2014) *Z.Naturforsch.,B:Chem.Sci.* ,69,878

Formula: $(C_{18}H_{16}F_4N_4O_4Zn_1)n$

Compound Name: catena-(μ_2 -1,1'-((2,3,5,6-Tetrafluoro-1,4-phenylene)bis(methylene))bis(1H-imidazole)-bis(acetato-O)-zinc)

Space Group: C2/c **Cell:** a 12.282(3) b 12.031(3) c 13.449(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 99.76(0) γ 90.00

R-Factor (%): 4.23 **Temperature(K):** 293 **Density(g/cm³):** 1.674



DOJNEX

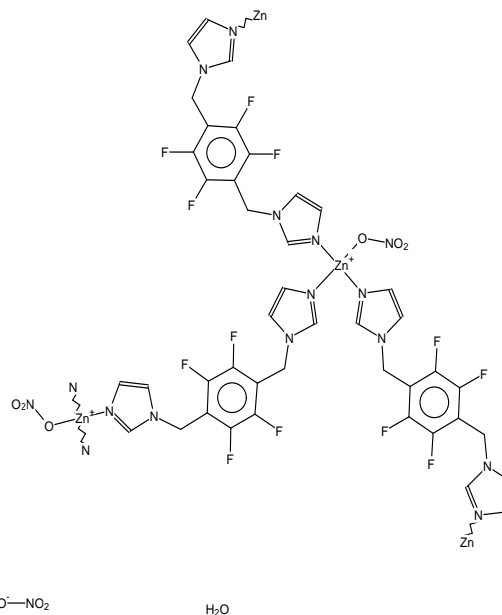
Reference: Feng Tian, Hong-Dan Wang, Ming-Yang He, Qun Chen, Sheng-Chun Chen (2014) *Z.Naturforsch.,B:Chem.Sci.* ,69,878

Formula: $(C_{42}H_{30}F_{12}N_{14}O_6Zn_2^{2+})n \cdot 2n(N_3O_3^{1-}) \cdot 3n(H_2O)_1$

Compound Name: catena-(tris(μ_2 -1,1'-((2,3,5,6-Tetrafluoro-1,4-phenylene)bis(methylene))bis(1H-imidazole))-bis(nitrato-O)-di-zinc dinitrate trihydrate)

Space Group: P-1 **Cell:** a 9.887(0) b 11.246(1) c 13.870(1)
Space Group No.: 2 **(Å, °)** α 109.39(0) β 94.63(0) γ 105.81(0)

R-Factor (%): 4.89 **Temperature(K):** 296 **Density(g/cm³):** 1.647



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 9-12

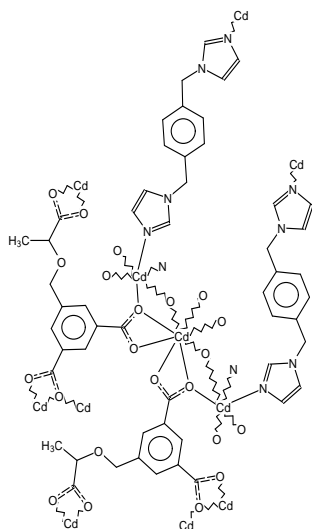
FODBOR

Reference: Li-Hui Cao, Yong-Li Wei, Yang Yang, Hong Xu, Shuang-Quan Zang, Hong-Wei Hou, T.C.W.Mak (2014) *Cryst.Growth Des.* ,14,1827

Formula: (C₅₂ H₄₆ Cd₃ N₈ O₁₄)_n.2n(H₂ O₁)

Compound Name: catena-(bis(μ₅-5-((1-Carboxylatoethoxy)methyl)isophthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-cadmium dihydrate)

Space Group: C2
Space Group No.: 5
R-Factor (%) : 4.07
Cell: a 14.625(0) b 12.951(0) c 14.815(0)
 (Å, °) α 90.00 β 108.62(0) γ 90.00
Temperature(K): 293 **Density(g/cm³):** 1.724



H₂O

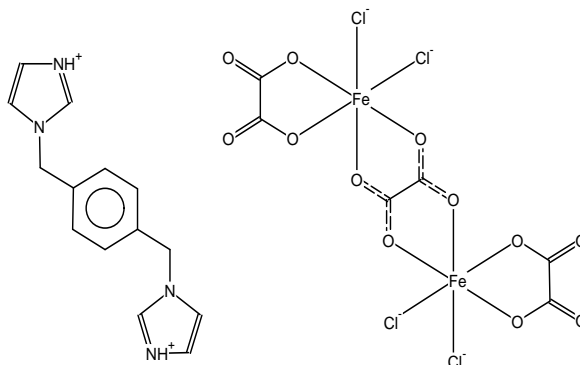
FOFPOH

Reference: Lei Wang, Wenqiang Wang, Dong Guo, Ao Zhang, Yaoguang Song, Yiheng Zhang, Keke Huang (2014) *CrystEngComm* , 16,5437

Formula: 2(C₁₄ H₁₆ N₄ 2⁺), C₆ Cl₄ Fe₂ O₁₂ 4⁻

Compound Name: bis(1,1'-(1,4-Phenylenebis(methylene))bis-1H-imidazol-3-ium) (μ₂-oxalato)-tetrachloro-bis(oxalato)-di-iron

Space Group: P-1
Space Group No.: 2
R-Factor (%) : 4.98
Cell: a 10.676(0) b 10.746(0) c 10.877(0)
 (Å, °) α 113.22(0) β 109.14(0) γ 99.29(0)
Temperature(K): 293 **Density(g/cm³):** 1.624



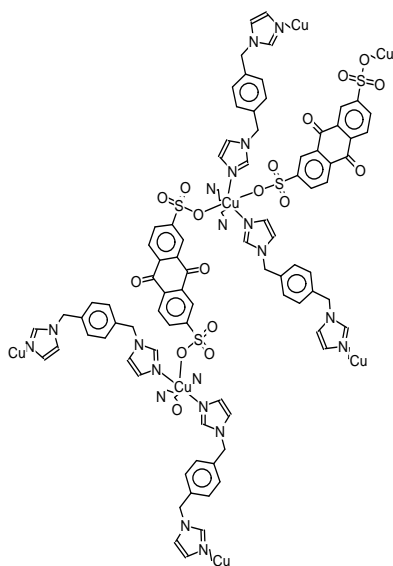
FOKWEJ

Reference: Xiao Wang, Quan-Guo Zhai, Xiang-Yang Hou, Shu-Ni Li, Yu-Cheng Jiang, Man-Cheng Hu (2014) *Inorg.Chem.Commun.* ,45,1

Formula: (C₈₄ H₆₈ Cu₂ N₁₆ O₁₆ S₄)_n.2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-9,10-Dioxo-9,10-dihydroanthracene-2,7-disulfonato)-tetrakis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-copper dihydrate)

Space Group: P-1
Space Group No.: 2
R-Factor (%) : 4.58
Cell: a 12.451(0) b 13.278(0) c 14.673(0)
 (Å, °) α 106.43(0) β 113.25(0) γ 98.76(0)
Temperature(K): 293 **Density(g/cm³):** 1.505



H₂O

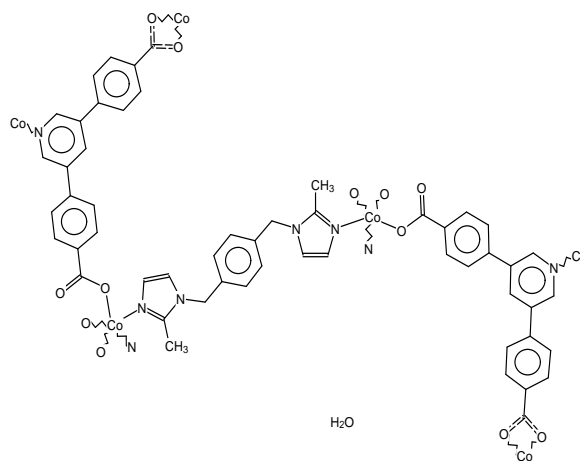
GISTOT

Reference: Liming Fan, Xiutang Zhang, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Xian Zhao (2014) *CrystEngComm* ,16,2144

Formula: (C₅₄ H₄₀ Co₂ N₆ O₈)_n.H₂ O₁

Compound Name: catena-[bis(μ₃-4,4'-Pyridine-3,5-diylidibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-cobalt monohydrate]

Space Group: C2/c
Space Group No.: 15
R-Factor (%) : 4.72
Cell: a 20.201(14) b 9.992(7) c 21.796(15)
 (Å, °) α 90.00 β 91.23(1) γ 90.00
Temperature(K): 293 **Density(g/cm³):** 1.566



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 13-16

GISTUZ

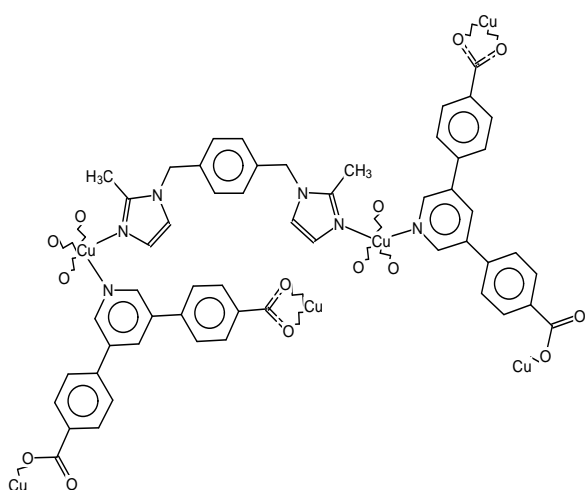
Reference: Liming Fan, Xiutang Zhang, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Xian Zhao (2014) *CrystEngComm*, **16**,2144

Formula: (C₅₄ H₄₀ Cu₂ N₆ O₈)_n

Compound Name: catena-[bis(μ₃-4,4'-Pyridine-3,5-diyl)benzoato-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-copper]

Space Group: C2/c **Cell:** a 20.308(1) b 10.191(0) c 21.846(1)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 91.20(0) γ 90.00

R-Factor (%): 5.32 **Temperature(K):** 293 **Density(g/cm³):** 1.511



GISVAH

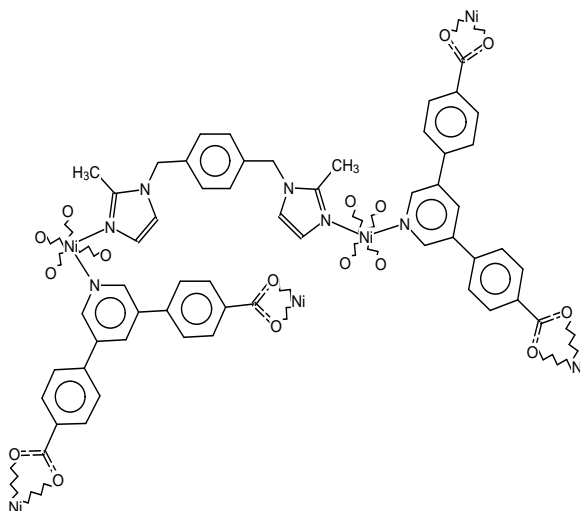
Reference: Liming Fan, Xiutang Zhang, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Xian Zhao (2014) *CrystEngComm*, **16**,2144

Formula: (C₅₄ H₄₀ Ni₂ O₈)_n

Compound Name: catena-[bis(μ₃-4,4'-Pyridine-3,5-diyl)benzoato-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-nickel]

Space Group: C2/c **Cell:** a 20.249(10) b 10.011(5) c 22.164(12)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 91.23(1) γ 90.00

R-Factor (%): 5.72 **Temperature(K):** 296 **Density(g/cm³):** 1.506



HOMQEH

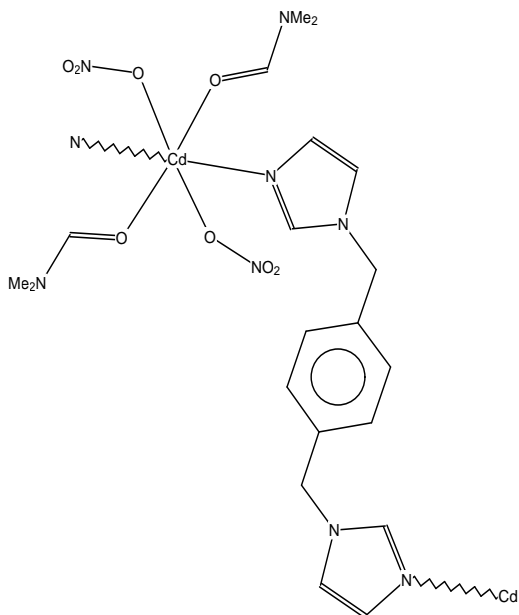
Reference: C.N.Babu, P.Suresh, N.Sampath, G.Prabusankar (2014) *J.Mol.Struct.*, **1075**,147

Formula: (C₂₀ H₂₈ Cd₁ N₈ O₈)_n

Compound Name: catena-[(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(N,N-dimethylformamide-O)-bis(nitrato-O)-cadmium]

Space Group: C2/c **Cell:** a 14.391(5) b 13.036(5) c 27.379(5)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 94.91(0) γ 90.00

R-Factor (%): 4.26 **Temperature(K):** 293 **Density(g/cm³):** 1.612



MOJXOA

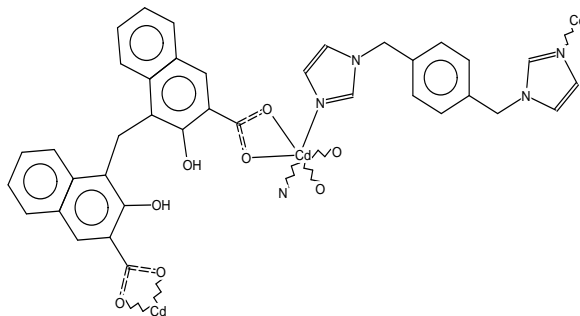
Reference: Chang-wei Lv, Jing Li, Zheng Hou, Ming-kai Li (2014) *J.Inorg.Organomet.Polym.Mater.*, **24**,388

Formula: (C₃₇ H₂₈ Cd₁ N₄ O₈)_n

Compound Name: catena-[(μ₂-4,4'-methylenebis(3-hydroxy-2-naphthoato))-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cadmium]

Space Group: P-1 **Cell:** a 10.274(4) b 12.984(6) c 13.342(6)
Space Group No.: 2 **Cell:** (Å, °) α 102.46(0) β 95.45(0) γ 100.81(0)

R-Factor (%): 3.85 **Temperature(K):** 293 **Density(g/cm³):** 1.448



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 17-20

MOKXOB

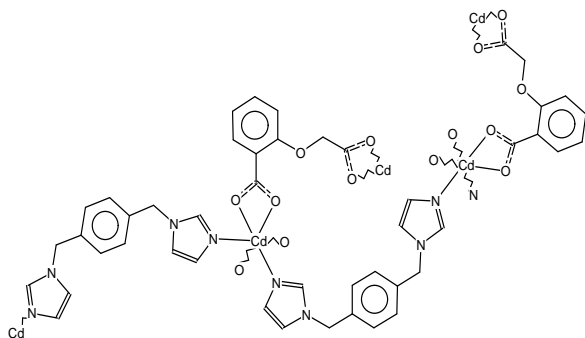
Reference: Liang Bai, Dong-Sheng Li, Jing-Jing Yang, Ya-Ping Duan, Jun Zhao, Ya-Pan Wu (2013) *J.Inorg.Organomet.Polym.Mater.* ,**23**, 1341

Formula: (C₄₆ H₄₀ Cd₂ N₈ O₁₀)_n

Compound Name: catena-[bis(μ₂-2-(carboxymethoxy)benzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cadmium]

Space Group: P21/c **Cell:** a 9.869(1) b 9.555(1) c 22.722(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.11(0) γ 90.00

R-Factor (%): 3.65 **Temperature(K):** 298 **Density(g/cm³):** 1.711



MOLLIK

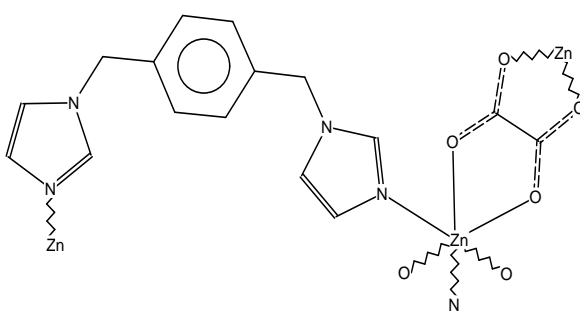
Reference: Qing-Wei Wang, Xiao-Fei Qi, Xiu-Mei Li, Jian-Ye Ji, Yan-Ling Niu, Bo Liu (2013) *J.Inorg.Organomet.Polym.Mater.* ,**23**,1313

Formula: (C₁₆ H₁₄ N₄ O₄ Zn₁)_n

Compound Name: catena-[(μ-oxalato)-(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc]

Space Group: C2/c **Cell:** a 11.559(1) b 15.664(2) c 9.269(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 101.76(0) γ 90.00

R-Factor (%): 5.05 **Temperature(K):** 292 **Density(g/cm³):** 1.584



MOLQOV

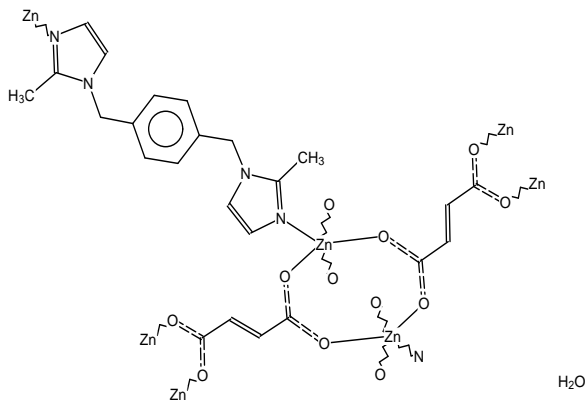
Reference: Ying Zhang, Kai Chen, Hong-Tao Fan (2014) *J.Inorg.Organomet.Polym.Mater.* ,**24**,791

Formula: (C₂₄ H₂₂ N₄ O₈ Zn₂)_n·2n(H₂O)

Compound Name: catena-[bis(μ-fumarato)-(μ-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-zinc dihydrate]

Space Group: C2/c **Cell:** a 17.370(5) b 12.694(4) c 12.332(4)
Space Group No.: 15 **(Å, °)** α 90.00 β 92.59(0) γ 90.00

R-Factor (%): 3.42 **Temperature(K):** 293 **Density(g/cm³):** 1.617



MORDAA

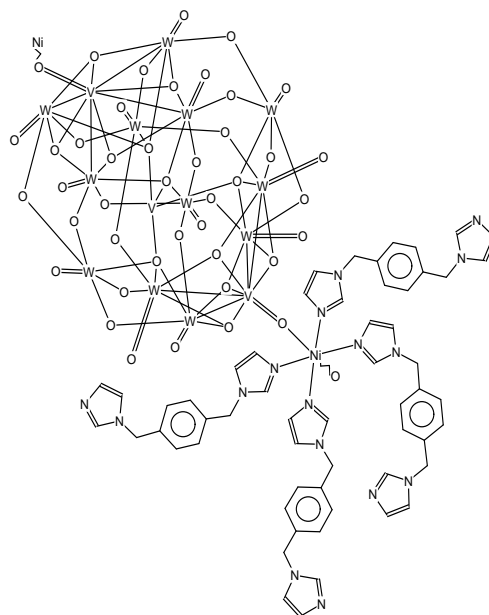
Reference: Qing Lan, Zhi-Ming Zhang, Yang-Guang Li, Ying Lu, En-Bo Wang (2014) *Dalton Trans.* ,

Formula: (C₅₆ H₅₆ N₁₆ Ni₁ O₄₂ V₃ W₁₂)_n

Compound Name: catena-[triacontakis(μ-oxo)-tetraakis(1,1'-(benzene-1,4-diyldimethanediyl)bis(1H-imidazole))-dodecaoxo-nickel-tri-vanadium-dodeca-tungsten]

Space Group: I41/a **Cell:** a 22.927(5) b 22.927(5) c 15.430(3)
Space Group No.: 88 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.04 **Temperature(K):** 293 **Density(g/cm³):** 3.311



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 21-24

QITNIS

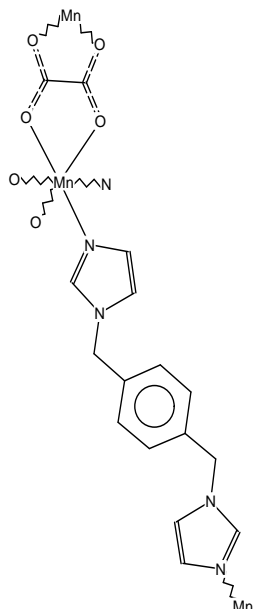
Reference: Xiu-Mei Li, Jian-Ye Ji, Yan-Ling Niu, Zhi-Tao Wang (2014) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,44,891

Formula: (C₁₆ H₁₄ Mn₁ N₄ O₄)_n

Compound Name: catena-((μ₂-Oxalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-manganese)

Space Group: C2/c **Cell:** **a** 11.531(4) **b** 15.837(6) **c** 9.486(3)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 98.50(0) **γ** 90.00

R-Factor (%): 4.06 **Temperature(K):** 292 **Density(g/cm³):** 1.478



ROHKOQ

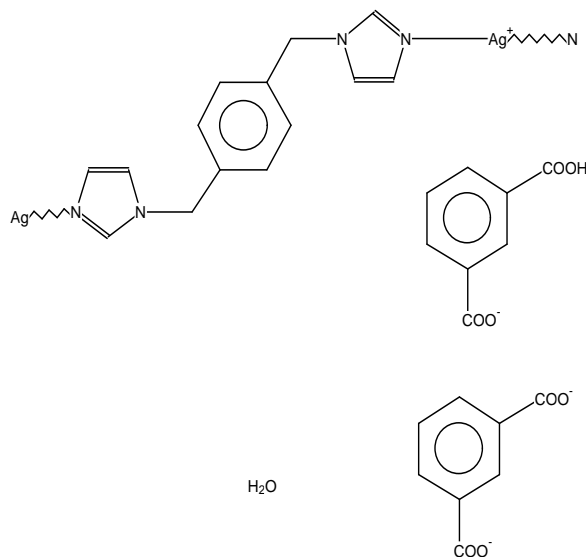
Reference: Chun Lun Ming, Yue Hua Li, Guang Yue Li, Guang Hua Cui (2014) *Transition Met.Chem.* ,39,477

Formula: (C₁₄ H₁₄ Ag₁ N₄¹⁺)_{3n}.n(C₈ H₅ O₄¹⁻).8n(H₂ O₁).n(C₈ H₄ O₄²⁻)

Compound Name: catena-(tris((μ₂-1,4-bis(imidazol-1-yl)methyl)benzene)-silver) isophthalate hydrogen isophthalate octahydrate)

Space Group: P-1 **Cell:** **a** 9.890(12) **b** 13.104(15) **c** 13.187(15)
Space Group No.: 2 **(Å, °)** **α** 66.53(2) **β** 78.79(2) **γ** 89.02(2)

R-Factor (%): 4.03 **Temperature(K):** 293 **Density(g/cm³):** 1.636



SOJKAF

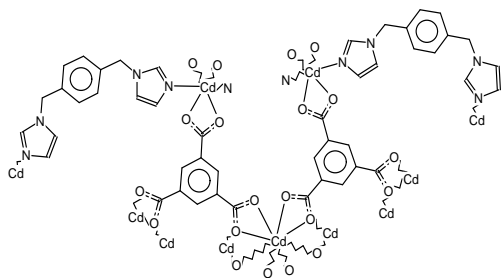
Reference: Xin Jin (2014) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,44,1338

Formula: (C₄₆ H₃₄ Cd₃ N₈ O₁₂)_n.2n(H₂ O₁)

Compound Name: catena-[bis(μ₅-benzene-1,3,5-tricarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-cadmium(ii) dihydrate]

Space Group: P41212 **Cell:** **a** 9.854(0) **b** 9.854(0) **c** 48.887(1)
Space Group No.: 92 **(Å, °)** **α** 90.00 **β** 90.00 **γ** 90.00

R-Factor (%): 7.96 **Temperature(K):** 293 **Density(g/cm³):** 1.769



TIZQIE

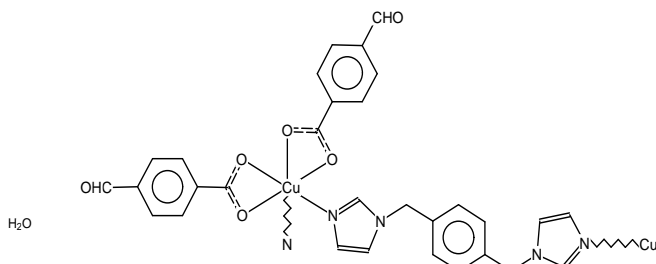
Reference: Hui Wang, V.Safarifard, Si-Yao Wang, Ling-Hui Tu, Hong-Ping Xiao, Bi-Feng Huang, Xin-Hua Li, M.Payehghadr, A.Morsali (2014) *RSC Advances* ,4,11423

Formula: (C₃₀ H₂₄ Cu₁ N₄ O₆)_n

Compound Name: catena-[bis(4-formylbenzoato)-(μ-1-(4-((1H-imidazol-1-yl)methyl)benzyl)-1H-imidazole)-copper]

Space Group: P-1 **Cell:** **a** 7.832(4) **b** 8.407(5) **c** 10.143(6)
Space Group No.: 2 **(Å, °)** **α** 84.77(0) **β** 83.08(0) **γ** 80.35(0)

R-Factor (%): 3.89 **Temperature(K):** 298 **Density(g/cm³):** 1.529



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 25-28

TOHHUV

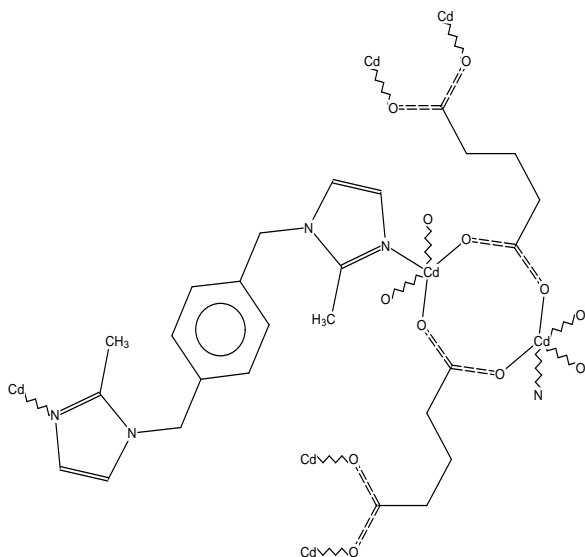
Reference: Zhi Yang, Shan Zhao, Shan-Shan Han, Ling-Yun Zheng, Bao-Long Li, Bing Wu (2014) *Inorg.Chem.Commun.* ,46,24

Formula: (C₂₆ H₃₀ Cd₂ N₄ O₈)_n

Compound Name: catena-[bis(μ₄-pentanedioato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)) bis(2-methyl-1H-imidazole))-di-cadmium]

Space Group: P2₁/c **Cell:** **a** 9.500(8) **b** 14.127(8) **c** 10.217(8)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 92.99(3) **γ** 90.00

R-Factor (%): 2.75 **Temperature(K):** 223 **Density(g/cm³):** 1.822



TOHJAD

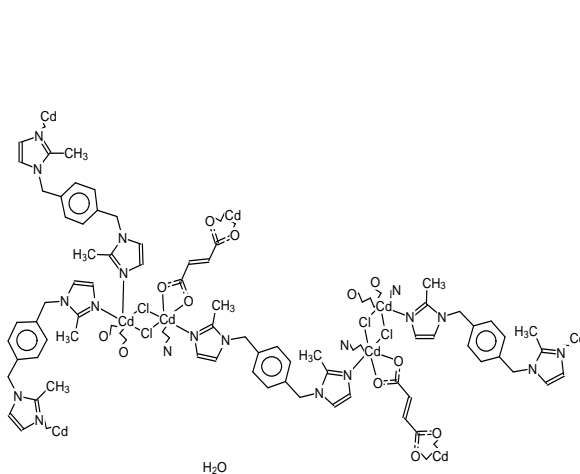
Reference: Zhi Yang, Shan Zhao, Shan-Shan Han, Ling-Yun Zheng, Bao-Long Li, Bing Wu (2014) *Inorg.Chem.Commun.* ,46,24

Formula: (C₇₂ H₇₆ Cd₄ Cl₄ N₁₆ O₈)_n·n(H₂O)₁

Compound Name: catena-[bis(μ₂-but-2-enedioato)-tetrakis(μ₂-1,1'-(1,4-phenylenebis(methylene)) bis(2-methyl-1H-imidazole))-tetrakis(μ₂-chloro)-tetra-cadmium monohydrate]

Space Group: P-1 **Cell:** **a** 10.573(4) **b** 11.547(4) **c** 16.804(5)
Space Group No.: 2 **(Å, °)** **α** 97.38(0) **β** 102.48(0) **γ** 101.35(0)

R-Factor (%): 3.74 **Temperature(K):** 293 **Density(g/cm³):** 1.635



TOHSIU

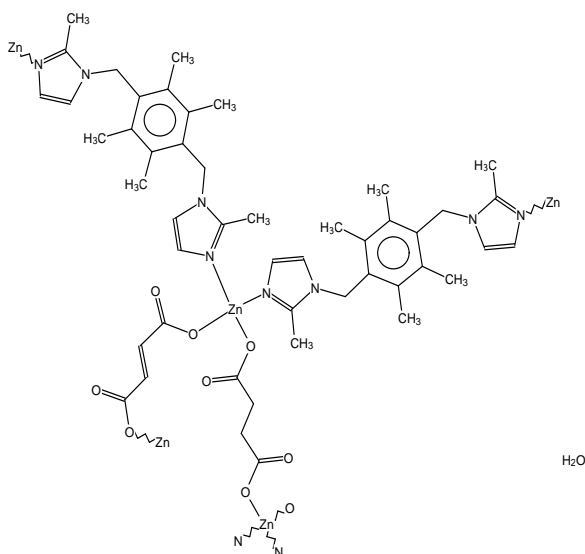
Reference: Yajuan Mu, Yungen Ran, Jixing Xie, Bo Han, Xiaoli Ma (2014) *Inorg.Chem.Commun.* ,46,324

Formula: (C₄₈ H₅₈ N₈ O₈ Zn₂)_n·4n(H₂O)₁

Compound Name: catena-[bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)) bis(2-methyl-1H-imidazole))-bis(μ-succinato)-di-zinc tetrahydrate]

Space Group: C2/c **Cell:** **a** 15.503(3) **b** 22.039(4) **c** 15.286(3)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 103.17(3) **γ** 90.00

R-Factor (%): 4.67 **Temperature(K):** 296 **Density(g/cm³):** 1.408



TOLGOS

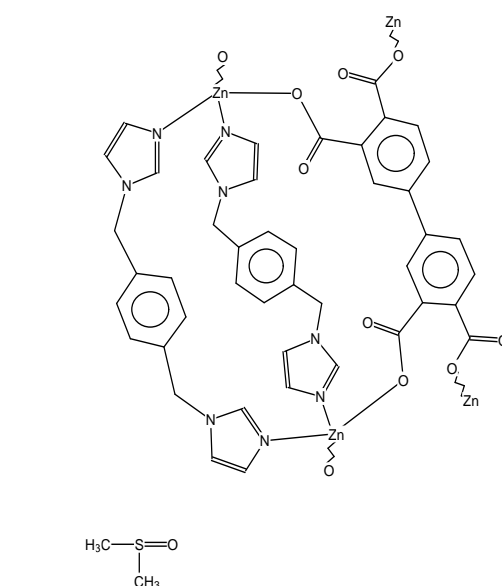
Reference: Shengjun Deng, Wenting Chao, Feiqiang Huang, Ling Gan, Xiongpeng Duan, Tianxi Liu, Weiming Xiao, Ning Zhang (2014) *Z.Anorg.Allg.Chem.* ,640,1551

Formula: (C₄₄ H₃₄ N₈ O₈ Zn₂)_n·n(C₂ H₆ O₁ S₁)

Compound Name: catena-((μ₄-Biphenyl-3,3',4,4'-tetracarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene)) bis(1H-imidazole))-di-zinc dimethylsulfoxide solvate)

Space Group: C2/c **Cell:** **a** 15.706(1) **b** 11.250(1) **c** 25.251(3)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 103.99(0) **γ** 90.00

R-Factor (%): 3.73 **Temperature(K):** 296 **Density(g/cm³):** 1.552



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 29-32

TOLNIT

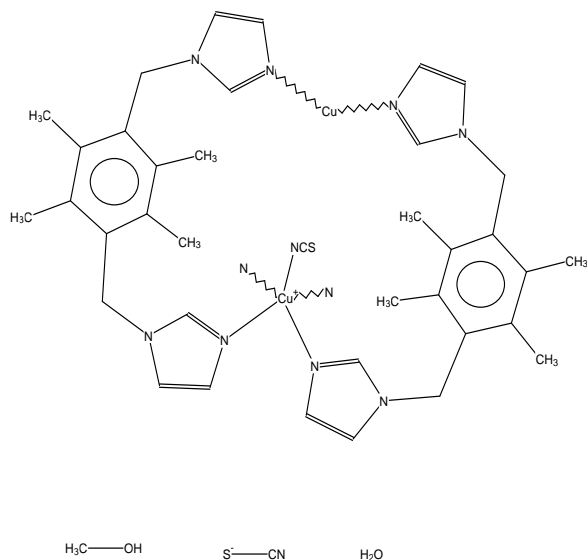
Reference: S.Koike, T.Hirakawa, K.Yamanishi, M.Kondo (2014)
Dalton Trans., **43**,12832

Formula: (C₃₇ H₄₄ Cu₁ N₉ S₁¹⁺)_n·2(C₁ H₄ O₁)·C₁ N₁ S₁¹⁻·H₂ O₁

Compound Name: catena-[bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(1H-imidazole)]-(isothiocyanato)-copper isothiocyanate methanol solvate monohydrate]

Space Group: P2₁/n **Cell:** **a** 13.688(8) **b** 13.190(7) **c** 23.337(13)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.33(0) γ 90.00

R-Factor (%): 8.73 **Temperature(K):** 173 **Density(g/cm³):** 1.349



TOLNOZ

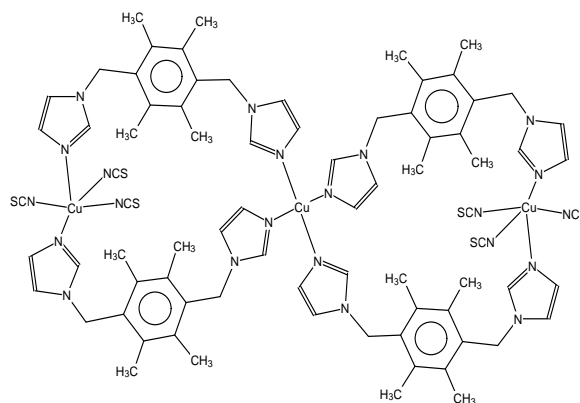
Reference: S.Koike, T.Hirakawa, K.Yamanishi, M.Kondo (2014)
Dalton Trans., **43**,12832

Formula: C₇₈ H₈₈ Cu₃ N₂₂ S₆

Compound Name: tetrakis(μ₂-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(1H-imidazole)-hexakis(isothiocyanato)-tri-copper

Space Group: C2/c **Cell:** **a** 33.693(3) **b** 15.176(1) **c** 15.819(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 92.28(0) γ 90.00

R-Factor (%): 6.87 **Temperature(K):** 173 **Density(g/cm³):** 1.411



TOLNUF

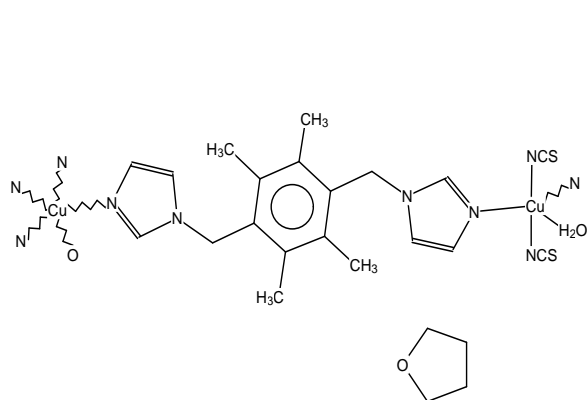
Reference: S.Koike, T.Hirakawa, K.Yamanishi, M.Kondo (2014)
Dalton Trans., **43**,12832

Formula: (C₂₀ H₂₄ Cu₁ N₆ O₁ S₂)_n·n(C₄ H₈ O₁)

Compound Name: catena-[(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis-1H-imidazole]-aqua-bis(isothiocyanato)-copper tetrahydrofuran solvate]

Space Group: P-1 **Cell:** **a** 8.933(7) **b** 9.721(8) **c** 9.751(9)
Space Group No.: 2 **(Å, °)** α 98.57(0) β 102.23(1) γ 93.89(1)

R-Factor (%): 7.29 **Temperature(K):** 293 **Density(g/cm³):** 1.151



VOPTEB

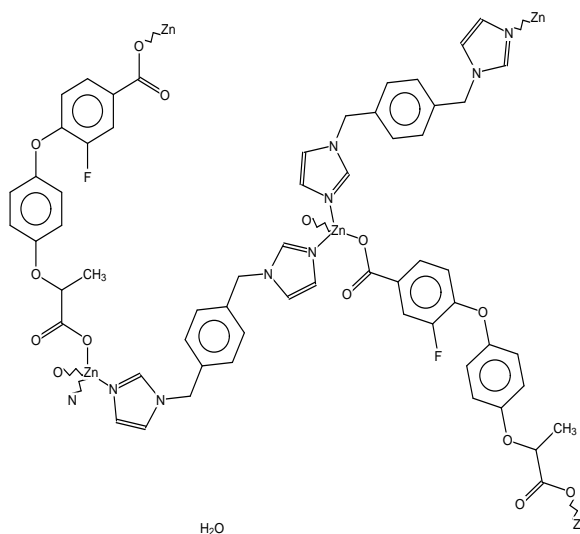
Reference: Han-Tao Ye, Chang-Yue Ren, Guang-Feng Hou, Ying-Hui Yu, Xin Xu, Jin-Sheng Gao, Peng-Fei Yan, Seik-Weng Ng (2014) *Cryst. Growth Des.*, **14**,3309

Formula: (C₆₀ H₅₀ F₂ N₈ O₁₂ Zn₂)_n·2(H₂ O₁)

Compound Name: catena-[bis(μ₂-4-(4-(1-carboxyethoxy)phenoxy)-3-fluorobenzoato)-bis(μ₂-1,1'-(1,4-phenylene)bis(methylene))bis(1H-imidazole)]-di-zinc dihydrate]

Space Group: P2₁ **Cell:** **a** 10.441(0) **b** 18.217(1) **c** 15.714(1)
Space Group No.: 4 **(Å, °)** α 90.00 β 98.59(0) γ 90.00

R-Factor (%): 5.34 **Temperature(K):** 293 **Density(g/cm³):** 1.438



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 33-36

VOPTIF

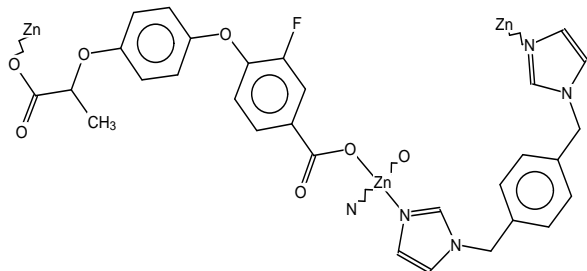
Reference: Han-Tao Ye, Chang-Yue Ren, Guang-Feng Hou, Ying-Hui Yu, Xin Xu, Jin-Sheng Gao, Peng-Fei Yan, Seik-Weng Ng (2014) *Cryst.Growth Des.*, **14**,3309

Formula: (C₃₀ H₂₅ F₁ N₄ O₆ Zn₁)_n.0.5(C₁ H₄ O₁).0.5(H₂ O₁)

Compound Name: catena-[(μ₂-4-(4-(1-carboxyethoxy)phenoxy)-3-fluorobenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc methanol solvate hemihydrate]

Space Group: P212121 **Cell:** a 10.791(0) b 15.816(0) c 17.898(0)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.60 **Temperature(K):** 293 **Density(g/cm³):** 1.407



H₃C—OH

H₂O

ZOMMAR

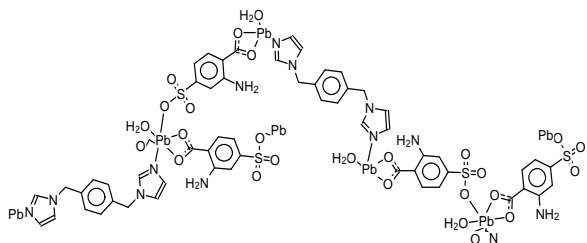
Reference: Kou-Lin Zhang, Zhao-Yin Zhong, Lei Zhang, Chu-Yue Jing, L.M.Daniels, R.I.Walton (2014) *Dalton Trans.*, **43**,11597

Formula: (C₅₆ H₅₆ N₁₂ O₂₄ Pb₄ S₄)_n

Compound Name: catena-[tetrakis(μ₂-2-amino-4-sulfobenzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetraaqua-tetra-lead]

Space Group: P-1 **Cell:** a 5.931(0) b 11.029(1) c 24.939(3)
Space Group No.: 2 **(Å, °)** α 101.05(0) β 92.70(0) γ 93.51(0)

R-Factor (%): 3.94 **Temperature(K):** 296 **Density(g/cm³):** 2.330



YOQPIF

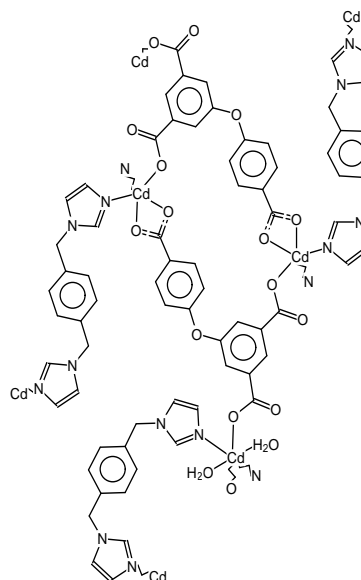
Reference: Jin-Song Hu, Lei Zhang, Xiao-Mei Zhang, Jie He, Cheng-Lin Pan (2014) *Inorg.Chim.Acta*, **421**,380

Formula: (C₇₂ H₆₀ Cd₃ N₁₂ O₁₆)_n.n(H₂ O₁)

Compound Name: catena-(bis(μ₃-5-(4-Carboxylatophenoxy)isophthalato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-tri-cadmium monohydrate)

Space Group: P21/n **Cell:** a 11.524(1) b 15.781(1) c 22.220(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.68(0) γ 90.00

R-Factor (%): 4.93 **Temperature(K):** 273 **Density(g/cm³):** 1.406



H₂O

ACOLIP

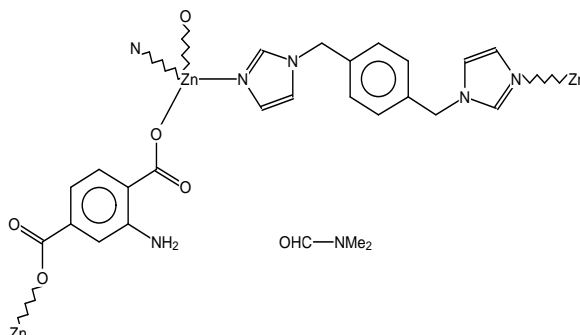
Reference: Lili Wen, Li Zhou, Bingguang Zhang, Xianggao Meng, Hua Qu, Dongfeng Li (2012) *J.Mater.Chem.*, **22**,22603

Formula: (C₂₂ H₁₉ N₅ O₄ Zn₁)_n.2n(C₃ H₇ N₁ O₁)

Compound Name: catena-[(μ₂-2-Aminoterephthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc(ii) N,N-dimethylformamide solvate]

Space Group: Cc **Cell:** a 20.661(4) b 11.567(2) c 14.227(3)
Space Group No.: 9 **(Å, °)** α 90.00 β 116.01(3) γ 90.00

R-Factor (%): 5.87 **Temperature(K):** 291 **Density(g/cm³):** 1.367



OHC—NMe₂

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 37-40

ADICEW

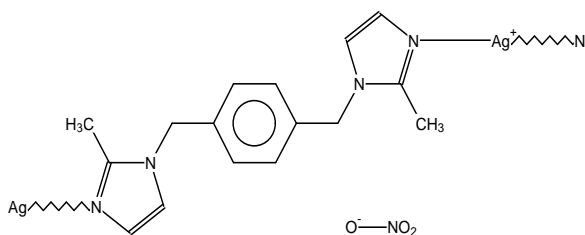
Reference: L.Dobrzanska, G.O.Lloyd (2006)
Acta Crystallogr., Sect.E:Struct.Rep.Online ,**62**,m1638

Formula: (C₁₆ H₁₈ Ag₁ N₄ 1⁺)_n.(N₁ O₃ 1⁻)

Compound Name: catena-((μ₂-1,4-bis(2-Methyl-1H-imidazol-1-ylmethyl)benzene-N,N')-silver(I) nitrate)

Space Group: P21/c **Cell:** **a** 14.885(4) **b** 14.459(4) **c** 7.693(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.12(0) γ 90.00

R-Factor (%): 6.86 **Temperature(K):** 100 **Density(g/cm³):** 1.790



ADUTUP

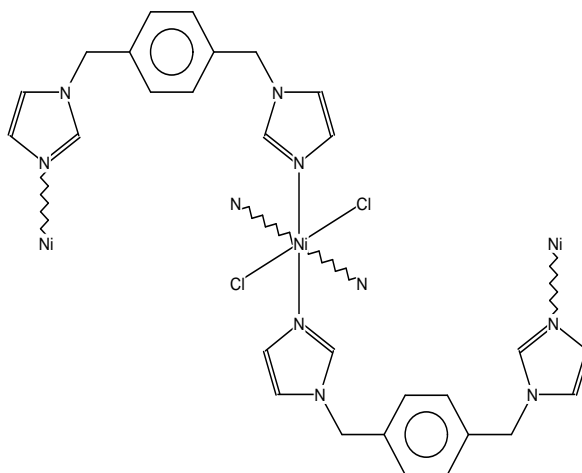
Reference: Hui Zhou, Shao-Wu Du (2007)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**26**,711

Formula: (C₂₈ H₂₈ Cl₂ N₈ Ni₁)_n

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-dichloro-nickel(ii))

Space Group: P21/c **Cell:** **a** 7.723(0) **b** 12.779(0) **c** 13.937(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 105.42(0) γ 90.00

R-Factor (%): 4.29 **Temperature(K):** 293 **Density(g/cm³):** 1.518



ADUVAX

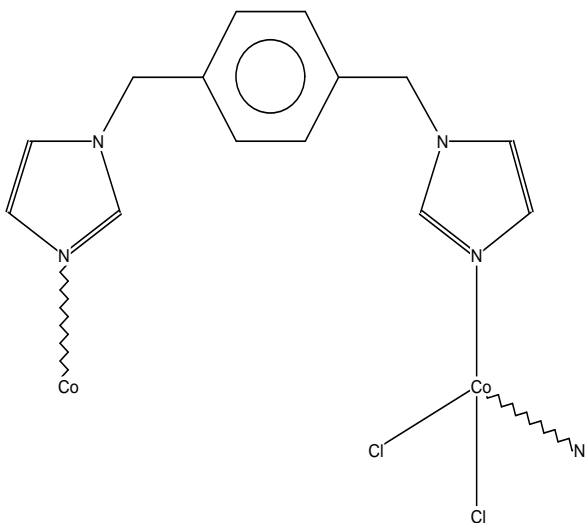
Reference: Hui Zhou, Shao-Wu Du (2007)
Jiegou Huaxue(Chin.J.Struct.Chem.) ,**26**,711

Formula: (C₁₄ H₁₄ Cl₂ Co₁ N₄)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-dichloro-cobalt(ii))

Space Group: Pbcn **Cell:** **a** 11.370(0) **b** 10.213(0) **c** 14.494(0)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.17 **Temperature(K):** 293 **Density(g/cm³):** 1.453



AGEQAG

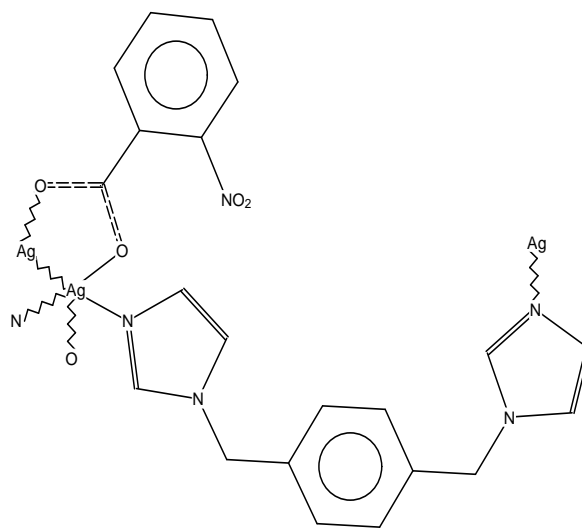
Reference: Zhan-Hui Wang, Shu-Fen Chen, Dan-Feng Wang, Hong-Jun Hao, Hong-Xin Mei, Rong-Bin Huang, Lan-Sun Zheng (2013) *J.Mol.Struct.* ,**1050**,97

Formula: (C₂₁ H₁₈ Ag₁ N₅ O₄)_n.H₂O₁

Compound Name: catena-[(μ₂-2-Nitrobenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-silver(i) monohydrate]

Space Group: P21/c **Cell:** **a** 10.170(2) **b** 15.467(4) **c** 14.529(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 114.03(1) γ 90.00

R-Factor (%): 4.06 **Temperature(K):** 293 **Density(g/cm³):** 1.687



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 41-44

AGEQEK

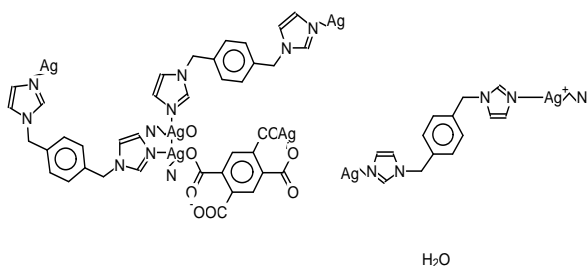
Reference: Zhan-Hui Wang, Shu-Fen Chen, Dan-Feng Wang, Hong-Jun Hao, Hong-Xin Mei, Rong-Bin Huang, Lan-Sun Zheng (2013) *J.Mol.Struct.*, **1050**,97

Formula: $(C_{38}H_{30}Ag_2N_8O_8 \cdot 2n) \cdot 2n(C_{14}H_{14}Ag_1N_4 \cdot 1^+), 19n(H_2O_1)$

Compound Name: catena-[(μ_2 -Benzene-1,2,4,5-tetracarboxylato)-bis(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-silver(I)] bis(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-silver(I) nonadecahydrate]

Space Group: C2/c **Cell:** a 14.570(4) b 25.221(6) c 26.294(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 122.91(0) γ 90.00

R-Factor (%): 3.99 **Temperature(K):** 173 **Density(g/cm³):** 1.619



AGOMOZ

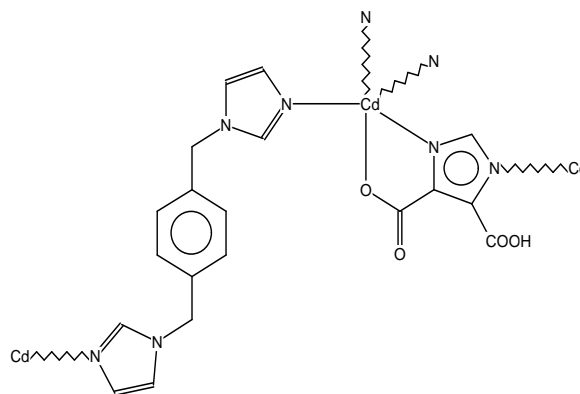
Reference: Jian-Di Lin, Jian-Wen Cheng, Shao-Wu Du (2008) *Cryst.Growth Des.*, **8**,3345

Formula: $(C_{19}H_{16}Cd_1N_6O_4)_n$

Compound Name: catena-[(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-(μ_2 -hydrogen imidazole-4,5-dicarboxylato-N,N,O)-cadmium(ii)]

Space Group: P212121 **Cell:** a 7.613(0) b 10.134(0) c 24.063(1)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.03 **Temperature(K):** 293 **Density(g/cm³):** 1.806



AGONAM

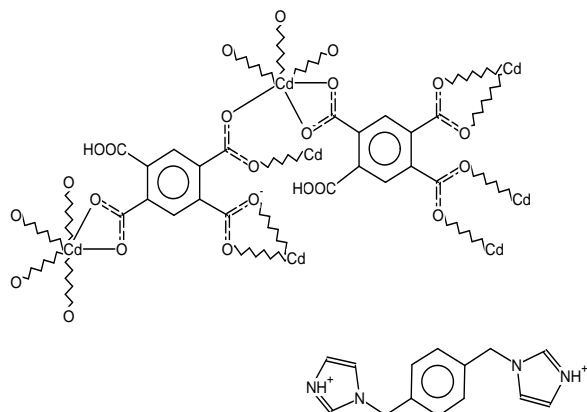
Reference: Jian-Di Lin, Jian-Wen Cheng, Shao-Wu Du (2008) *Cryst.Growth Des.*, **8**,3345

Formula: $(C_{14}H_{16}N_4 \cdot 2^+)n \cdot n(C_{20}H_6Cd_2O_{16} \cdot 2^-)$

Compound Name: catena-(1,4-bis(imidazol-3-ium-1-ylmethyl)benzene bis(μ_4 -hydrogen 1,2,4,5-benzenetetracarboxylato)-di-cadmium)

Space Group: P21/n **Cell:** a 7.911(1) b 11.128(3) c 19.441(5)
Space Group No.: 14 **(Å, °)** α 90.00 β 101.06(0) γ 90.00

R-Factor (%): 2.88 **Temperature(K):** 293 **Density(g/cm³):** 1.913



AHAFEV

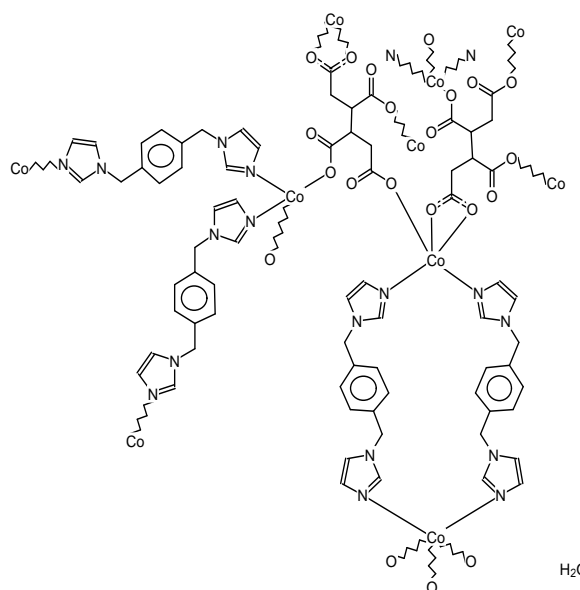
Reference: Yan-Yan Xu, Yan-Yan Xing, Xian-Ying Duan, Yi-Zhi Li, Hui-Zhen Zhu, Qing-Jin Meng (2010) *CrystEngComm*, **12**,567

Formula: $(C_{72}H_{68}Co_4N_{16}O_{16})n \cdot 6n(H_2O_1)$

Compound Name: catena-(bis(μ_4 -Butane-1,2,3,4-tetracarboxylato)-tetrakis(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-cobalt(ii) hexahydrate)

Space Group: P21/n **Cell:** a 12.607(1) b 25.993(2) c 14.199(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 107.71(0) γ 90.00

R-Factor (%): 6.34 **Temperature(K):** 293 **Density(g/cm³):** 1.317



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 45-48

ALIGE1

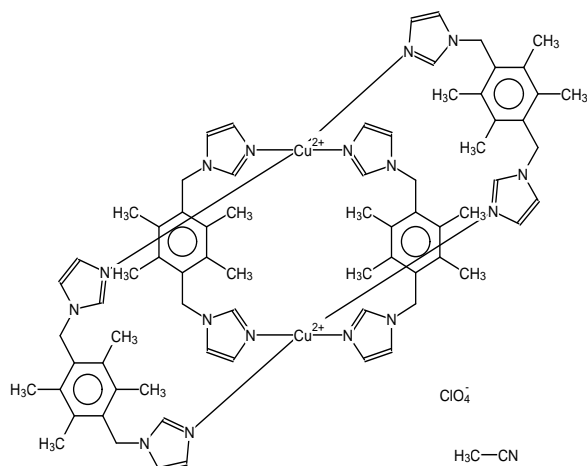
Reference: T.Hirakawa, M.Yamaguchi, N.Ito, M.Miyazawa, N.Nishina, M.Kondo, R.Ikeya, S.Yasue, K.Maeda, F.Uchida (2009) *Chem.Lett.* ,38, 290

Formula: $C_{72}H_{88}Cu_2N_{16}^{4+} \cdot 4(Cl_1O_4^{1-}) \cdot 4(C_2H_3N_1)$

Compound Name: tetrakis(μ_2 -1,4-bis(Imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene- N^3 , N^3)-di-copper(ii) perchlorate clathrate triperchlorate acetonitrile solvate

Space Group: C2/c **Cell:** a 25.805(4) b 13.152(2) c 29.799(5)
Space Group No.: 15 **(Å, °)** α 90.00 β 117.74(0) γ 90.00

R-Factor (%): 9.84 **Temperature(K):** 293 **Density(g/cm³):** 1.385



ALIGE101

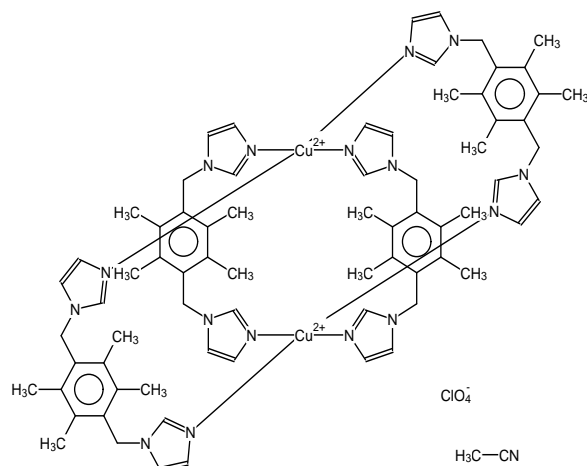
Reference: T.Hirakawa, M.Yamaguchi, N.Ito, M.Miyazawa, N.Nishina, M.Kondo, R.Ikeya, S.Yasue, K.Maeda, F.Uchida (2009) *Chem.Lett.* ,38, 290

Formula: $C_{72}H_{88}Cu_2N_{16}^{4+} \cdot 4(Cl_1O_4^{1-}) \cdot 4(C_2H_3N_1)$

Compound Name: tetrakis(μ_2 -1,4-bis(Imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene- N^3 , N^3)-di-copper(ii) perchlorate clathrate triperchlorate acetonitrile solvate

Space Group: C2/c **Cell:** a 25.860(50) b 13.160(30) c 29.000(60)
Space Group No.: 15 **(Å, °)** α 90.00 β 114.49(1) γ 90.00

R-Factor (%): 0.00 **Temperature(K):** 293 **Density(g/cm³):** 1.381



AMIVUO

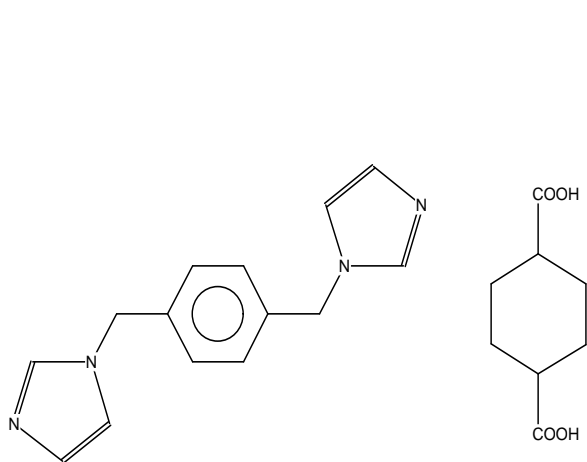
Reference: A.C.Kathalikkattil, S.Damodaran, K.K.Bisht, E.Suresh (2011) *J.Mol.Struct.* ,985,361

Formula: $C_{14}H_{14}N_4C_8H_{12}O_4$

Compound Name: Cyclohexane-1,4-dicarboxylic acid 1,1'-(1,4-phenylenebis(methylene))bis-1H-imidazole

Space Group: P-1 **Cell:** a 7.375(3) b 8.391(3) c 9.373(3)
Space Group No.: 2 **(Å, °)** α 93.88(0) β 107.12(0) γ 103.96(0)

R-Factor (%): 8.05 **Temperature(K):** 293 **Density(g/cm³):** 1.281



AMIWAV

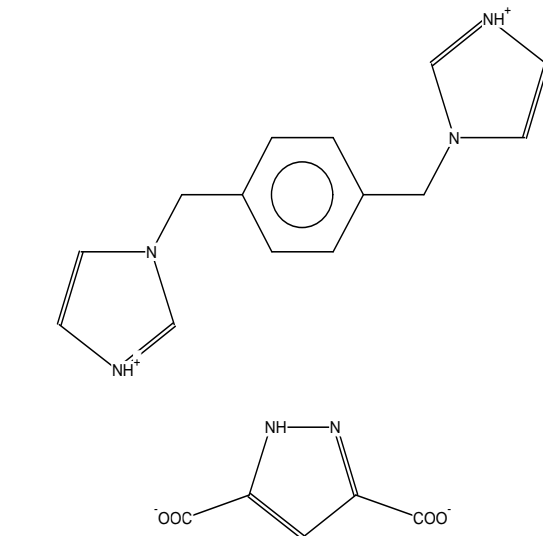
Reference: A.C.Kathalikkattil, S.Damodaran, K.K.Bisht, E.Suresh (2011) *J.Mol.Struct.* ,985,361

Formula: $C_{14}H_{16}N_4^{2+} \cdot C_5H_2N_2O_4^{2-} \cdot H_2O_1$

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis-1H-imidazol-3-ium 1H-pyrazole-3,5-dicarboxylate monohydrate

Space Group: P-1 **Cell:** a 7.485(1) b 11.670(1) c 12.223(1)
Space Group No.: 2 **(Å, °)** α 112.36(0) β 100.14(0) γ 97.14(0)

R-Factor (%): 6.92 **Temperature(K):** 293 **Density(g/cm³):** 1.441



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 49-52

ANEQEQ

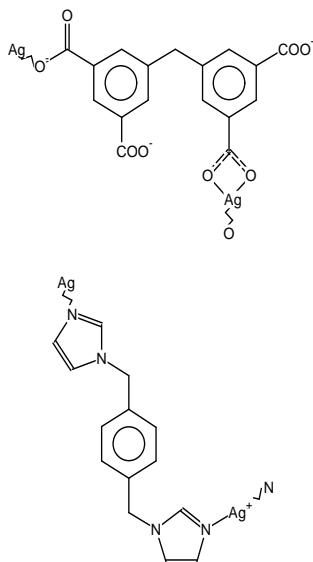
Reference: Xian Cheng, Tao Liu, Xianying Duan, Fangming Wang, Qingjin Meng, Changsheng Lu (2011) *CrystEngComm*, **13**,1314

Formula: (C₁₇ H₈ Ag₁ O₈³⁻)_n.3n(C₁₄ H₁₄ Ag₁ N₄¹⁺).n(H₂O)₁

Compound Name: catena-(tris((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-silver) (μ₂-methylenedi-isophthalato)-di-silver monohydrate)

Space Group: P2₁/c **Cell:** a 14.514(1) b 17.279(1) c 25.126(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 107.93(0) γ 90.00

R-Factor (%): 5.08 **Temperature(K):** 291 **Density(g/cm³):** 1.667



H₂O

APAXOF

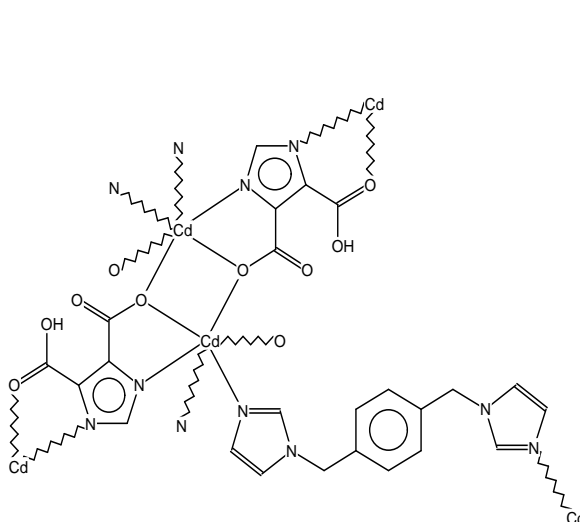
Reference: Hong-Wen Liu, Wen-Guan Lu (2011) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **27**,152

Formula: (C₂₄ H₁₈ Cd₂ N₈ O₈)_n

Compound Name: catena-[bis((μ₃-4-Carboxy-5-carboxylatoimidazolido-N¹,N³,O,O,O')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N³,N³)-di-cadmium(ii))]

Space Group: P2₁/n **Cell:** a 11.553(1) b 10.527(1) c 11.987(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 110.25(0) γ 90.00

R-Factor (%): 3.52 **Temperature(K):** 173 **Density(g/cm³):** 1.873



APAYUM

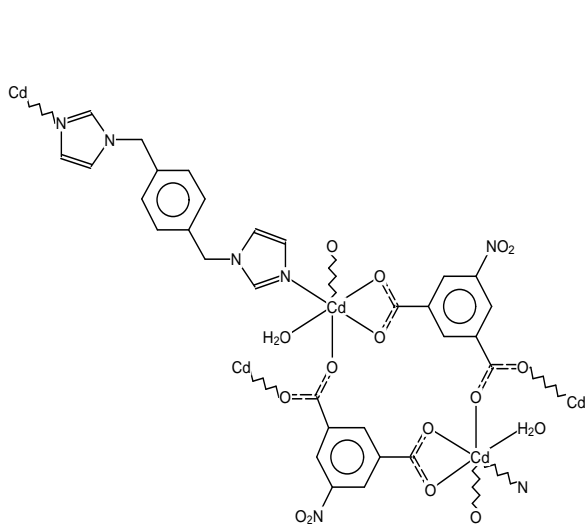
Reference: Zong-Zhi Hu, Jun Zhao, Xi-Jun Ke, Qiu-Fen He, Cai Li, Dong-Sheng Li (2011) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **27**,184

Formula: (C₃₀ H₂₄ Cd₂ N₆ O₁₄)_n

Compound Name: catena-[bis((μ₃-5-Nitrobenzene-1,3-dicarboxylato-O,O',O',O'')-(μ₂-1,4-bis((1H-imidazol-1-yl)methyl)benzene-N³,N³)-diaqua-di-cadmium(ii))]

Space Group: P-1 **Cell:** a 8.271(2) b 10.165(3) c 11.474(3)
Space Group No.: 2 **(Å, °)** α 70.86(0) β 68.99(0) γ 69.00(0)

R-Factor (%): 4.19 **Temperature(K):** 173 **Density(g/cm³):** 1.861



AQANOW

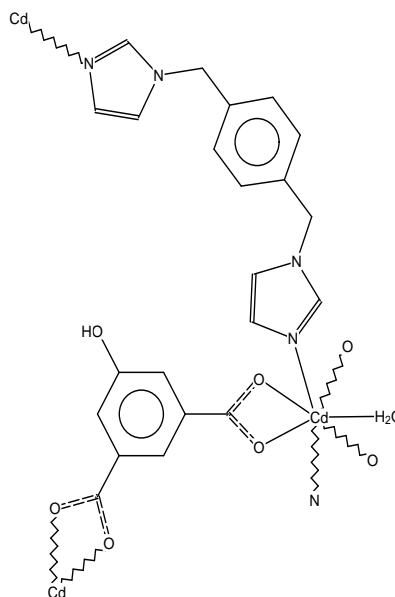
Reference: Dao-Cheng Xia, Ji-Huan Yao, Wen-Chan Zhang, Ren-Qiang Huang, Xu-Qing Yang, Jing-Jing Jing (2011) *Z.Kristallogr.-New Cryst.Struct.*, **226**,17

Formula: (C₂₂ H₂₀ Cd₁ N₄ O₆)_n

Compound Name: catena-((μ₂-1,4-bis((1H-imidazol-1-yl)methyl)benzene)-(μ₂-5-hydroxyisophthalato)-aqua-cadmium(ii))

Space Group: Pn **Cell:** a 11.568(0) b 8.425(0) c 11.637(0)
Space Group No.: 7 **(Å, °)** α 90.00 β 113.39(0) γ 90.00

R-Factor (%): 2.21 **Temperature(K):** 293 **Density(g/cm³):** 1.751



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 53-56

AQANOW01

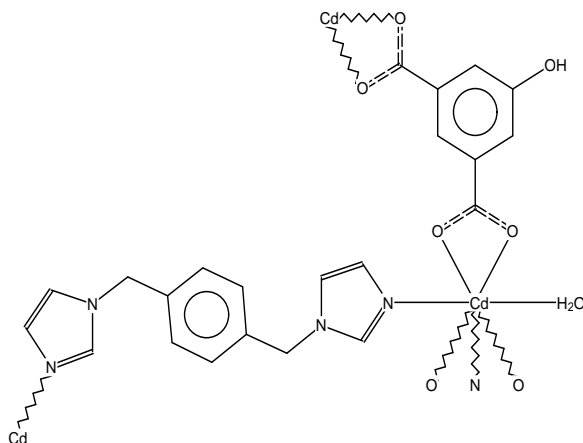
Reference: Shi Zhou, Chuan-Bi Li, Qing-Wei Wang, Seik Weng Ng (2011) *Acta Crystallogr., Sect. C: Cryst. Struct. Commun.*, **67**, m224

Formula: (C₂₂H₂₀Cd₁N₄O₈)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-(μ₂-5-hydroxybenzene-1,3-dicarboxylato)-aqua-cadmium(ii))

Space Group: Pn **Cell:** a 11.580(0) b 8.422(0) c 11.639(0)
Space Group No.: 7 **Cell:** (Å, °) α 90.00 β 113.35(0) γ 90.00

R-Factor (%): 2.79 **Temperature(K):** 293 **Density(g/cm³):** 1.749



AQARUG

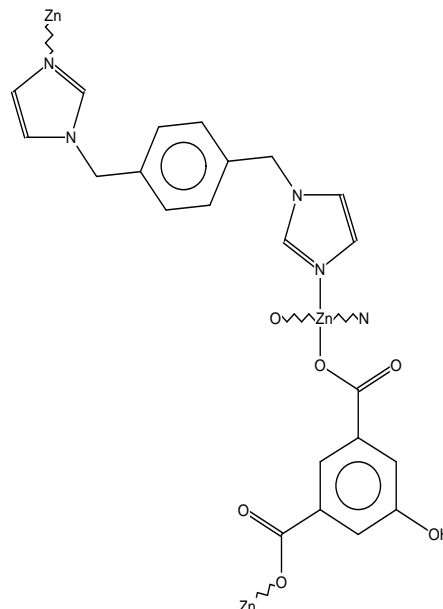
Reference: Dao-Cheng Xia, Qiu-Ping Han, Shuang Han, Xin-Lu Cao, Yun-De Zhu (2011) *Z. Kristallogr.-New Cryst. Struct.*, **226**, 49

Formula: (C₂₂H₁₈N₄O₅Zn₁)_n

Compound Name: catena-((μ₂-1,4-bis((1H-imidazol-1-yl)methyl)benzene)-(μ₂-5-hydroxyisophthalato)-zinc(ii))

Space Group: P2₁/n **Cell:** a 8.153(0) b 9.651(0) c 25.706(1)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 97.86(0) γ 90.00

R-Factor (%): 3.07 **Temperature(K):** 293 **Density(g/cm³):** 1.604



ATEYED

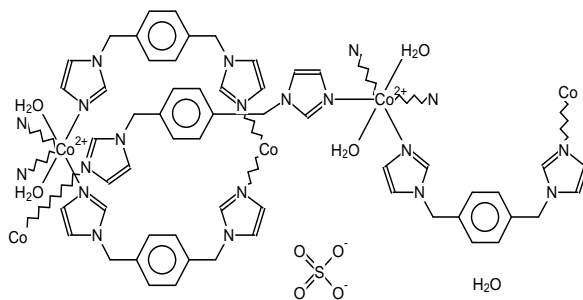
Reference: L.Carlucci, G.Ciani, D.M.Proserpio (2004) *Chem. Commun.*, 380

Formula: (C₂₈H₃₂Co₁N₈O₂²⁺)_n(C₂₈H₃₂Co₁N₈O₂²⁺)_{2n}(O₄S₁²⁻)_{14n}(H₂O)₁

Compound Name: catena-((2)-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-aqua-cobalt(ii))-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-aqua-cobalt(ii))-catenane bis(sulfate) tetradecahydrate)

Space Group: C2/c **Cell:** a 28.132(5) b 12.615(2) c 24.746(4)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 120.03(0) γ 90.00

R-Factor (%): 6.83 **Temperature(K):** 293 **Density(g/cm³):** 1.387



ATEYIH

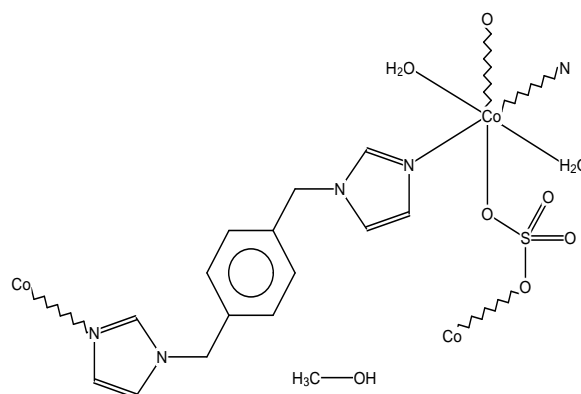
Reference: L.Carlucci, G.Ciani, D.M.Proserpio (2004) *Chem. Commun.*, 380

Formula: (C₁₄H₁₈Co₁N₄O₆S₁)_n.2n(C₁H₄O₁)

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-(μ₂-sulfato-O,O')-di-aqua-cobalt(ii) methanol solvate)

Space Group: Pbcm **Cell:** a 9.270(3) b 11.819(4) c 20.639(8)
Space Group No.: 57 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.18 **Temperature(K):** 293 **Density(g/cm³):** 1.449



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 57-60

AVAWAW

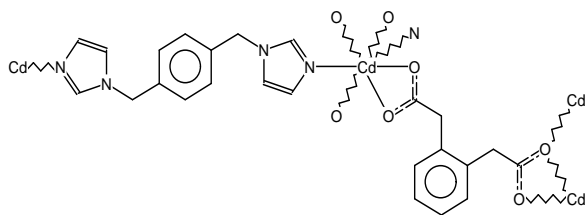
Reference: Qiu-Fen He, Dong-Sheng Li, Jun Zhao, Xi-Jun Ke, Cai Li, Yi-Qiang Mou (2011) *Inorg.Chem.Commun.* ,14,578

Formula: (C₂₄ H₂₂ Cd₁ N₄ O₄)_n

Compound Name: catena-(μ₃-2,2'-(1,2-Phenylene)diacetato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cadmium

Space Group: P-1 **Cell:** **a** 9.398(0) **b** 9.543(0) **c** 13.781(0)
Space Group No.: 2 **(Å, °)** **α** 87.54(0) **β** 72.29(0) **γ** 71.37(0)

R-Factor (%): 2.32 **Temperature(K):** 296 **Density(g/cm³):** 1.619



AVAWEA

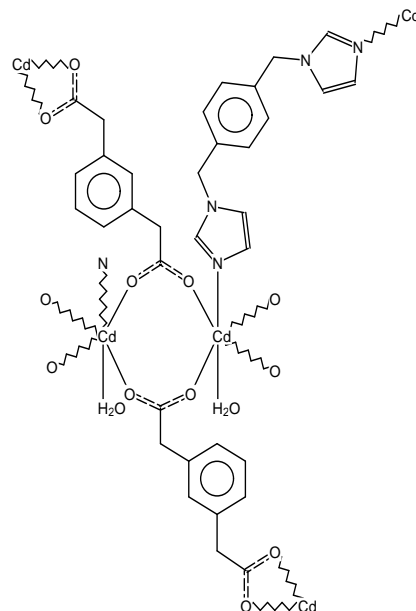
Reference: Qiu-Fen He, Dong-Sheng Li, Jun Zhao, Xi-Jun Ke, Cai Li, Yi-Qiang Mou (2011) *Inorg.Chem.Commun.* ,14,578

Formula: (C₃₄ H₃₄ Cd₂ N₄ O₁₀)_n

Compound Name: catena-(bis(μ₃-2,2'-(1,3-phenylene)diacetato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-cadmium)

Space Group: P-1 **Cell:** **a** 8.746(1) **b** 10.740(2) **c** 10.911(2)
Space Group No.: 2 **(Å, °)** **α** 60.59(3) **β** 69.11(3) **γ** 85.35(3)

R-Factor (%): 2.31 **Temperature(K):** 293 **Density(g/cm³):** 1.771



AVAWEA01

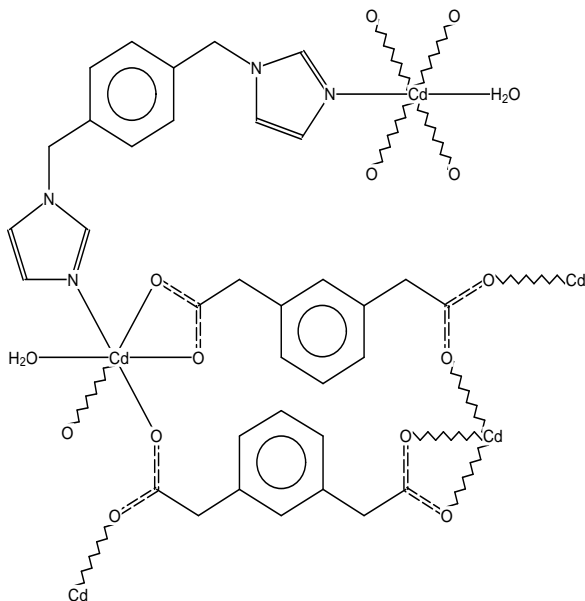
Reference: G.X.Liu, Y.Y.Xu, S.Nishihara, X.M.Ren (2010) *Koord.Khim.(Russ.)(Coord.Chem.)* ,36,748

Formula: (C₃₄ H₃₄ Cd₂ N₄ O₁₀)_n

Compound Name: catena-[bis(μ₃-1,3-Phenylenediacetato-O,O':O''-O''')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N³,N³)-diaqua-di-cadmium(ii)]

Space Group: P-1 **Cell:** **a** 8.735(2) **b** 10.735(3) **c** 10.910(4)
Space Group No.: 2 **(Å, °)** **α** 60.64(0) **β** 69.10(0) **γ** 85.26(0)

R-Factor (%): 2.42 **Temperature(K):** 295 **Density(g/cm³):** 1.773



AVAWIE

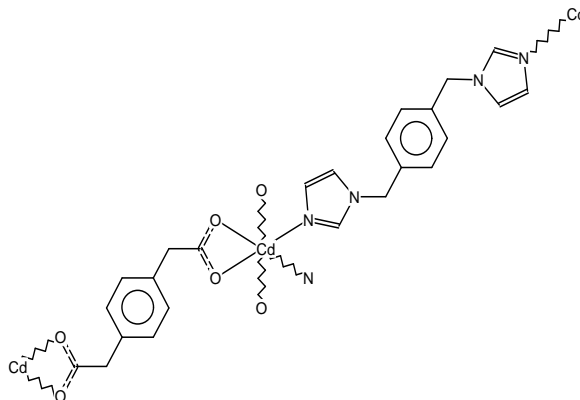
Reference: Qiu-Fen He, Dong-Sheng Li, Jun Zhao, Xi-Jun Ke, Cai Li, Yi-Qiang Mou (2011) *Inorg.Chem.Commun.* ,14,578

Formula: (C₂₄ H₂₂ Cd₁ N₄ O₄)_n

Compound Name: catena-(μ₂-2,2'-(1,3-phenylene)diacetato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cadmium

Space Group: C2/c **Cell:** **a** 17.811(6) **b** 7.122(3) **c** 17.990(6)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 92.49(0) **γ** 90.00

R-Factor (%): 6.89 **Temperature(K):** 298 **Density(g/cm³):** 1.582



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 61-64

AWOYOB

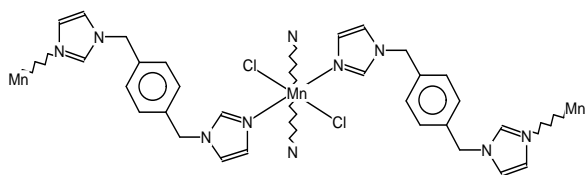
Reference: Chong-Zhen Mei, Wen-Wen Shan, Kai-Hui Li (2011)
Acta Crystallogr., Sect.E:Struct.Rep.Online ,67,m1156

Formula: (C₂₈ H₂₈ Cl₂ Mn₁ N₈)_n

Compound Name: catena-[bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-dichloro-manganese(ii)]

Space Group: P21/c **Cell:** **a** 7.781(0) **b** 12.791(0) **c** 14.258(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 105.54(0) **γ** 90.00

R-Factor (%): 2.76 **Temperature(K):** 296 **Density(g/cm³):** 1.463



AWURUG

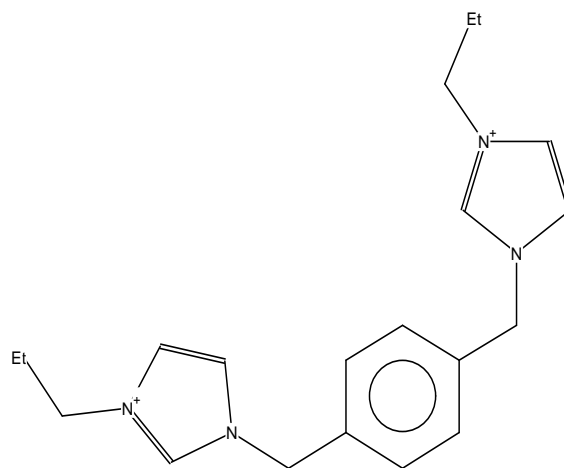
Reference: R.A.Haque, S.F.Nasri, M.Hemamalini, H.-K.Fun (2011)
Acta Crystallogr., Sect.E:Struct.Rep.Online ,67,o1931

Formula: C₂₀ H₂₈ N₄²⁺·2(Br⁻ 1⁻)

Compound Name: 3,3'-Di-n-propyl-1,1'-[p-phenylenebis(methylene)]diimidazolium dibromide

Space Group: P21/c **Cell:** **a** 8.942(0) **b** 11.244(0) **c** 11.354(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 109.72(0) **γ** 90.00

R-Factor (%): 3.01 **Temperature(K):** 296 **Density(g/cm³):** 1.497



Br⁻

AYAZIK

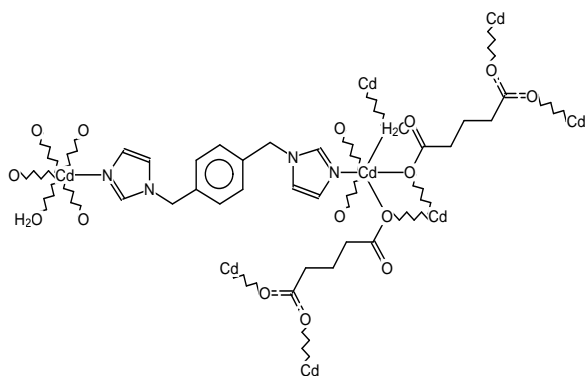
Reference: G.X.Liu, Y.Y.Xu, S.Nishihara, X.M.Ren (2010)
Koord.Khim.(Russ.)(Coord.Chem.) ,36,748

Formula: (C₂₄ H₂₈ Cd₂ N₄ O₉)_n

Compound Name: catena-[bis(μ₄-Glutarato-O,O',O'',O''')-(μ₂-aqua)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N³,N'³)-di-cadmium(ii)]

Space Group: C2/c **Cell:** **a** 16.075(6) **b** 12.960(5) **c** 15.681(7)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 126.83(2) **γ** 90.00

R-Factor (%): 3.39 **Temperature(K):** 295 **Density(g/cm³):** 1.883



AYUMIR

Reference: Chang-Lu Liu, Kun Huang (2011)
Acta Crystallogr., Sect.E:Struct.Rep.Online ,67,o2343

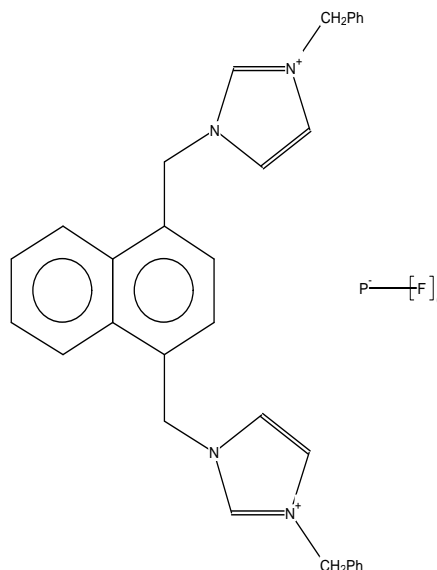
Formula: C₃₂ H₃₀ N₄²⁺·2(F₆ P₁⁻)

Compound Name: 3,3'-Dibenzyl-1,1'-[naphthalene-1,4-diybis(methylene)]bis(1H-imidazol-3-ium) bis(hexafluorophosphate)

Synonym: 1,1'-[Naphthalene-1,4-diybis(methylene)]bis(3-benzyl-1H-imidazol-3-ium) bis(hexafluorophosphate)

Space Group: C2/c **Cell:** **a** 33.825(0) **b** 11.606(0) **c** 17.699(0)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 101.16(0) **γ** 90.00

R-Factor (%): 6.65 **Temperature(K):** 296 **Density(g/cm³):** 1.482



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 65-68

BEMRES

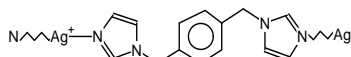
Reference: Ji-Jiang Wang, Pei-Xiang Cao, Mei-Li Zhang, Lou-Jun Gao, Xiang-Yang Hou (2012) *Z.Anorg.Allg.Chem.* , **638**,1531

Formula: (C₇₄ H₅₄ Ag₇ N₁₂ O₁₆ 1⁻)_n.n(C₁₄ H₁₄ Ag₁ N₄ 1⁺),2n(H₂ O₁)

Compound Name: catena-((μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-silver bis(μ₄-biphenyl-2,2',4,4'-tetracarboxylato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-hepta-silver dihydrate)

Space Group: P-1 **Cell:** a 10.992(2) b 15.116(3) c 15.464(3)
Space Group No.: 2 **(Å, °)** α 107.38(0) β 106.13(0) γ 109.11(0)

R-Factor (%): 8.90 **Temperature(K):** 296 **Density(g/cm³):** 1.975



H₂O

BERXOM

Reference: Bao-Qing Ma, L.F.V.Ferreira, P.Coppens (2004) *Org.Lett.* , **6**,1087

Formula: C₃₂ H₃₂ O₈.2(C₁₄ H₁₄ N₄).2(C₁₄ H₁₀ O₂)

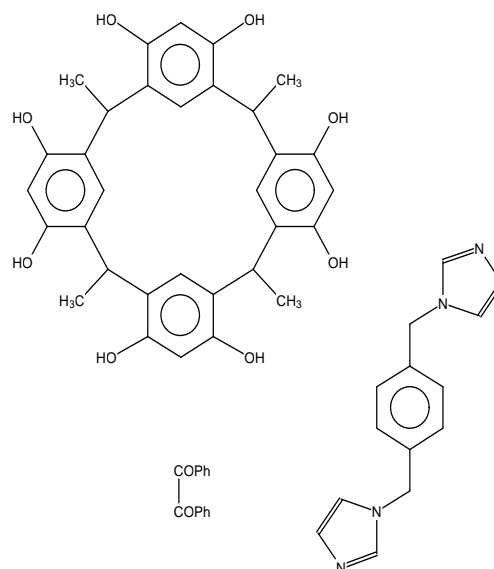
Compound Name: 4,6,10,12,16,18,22,24-Tetrahydroxy-2,8,14,20-tetramethylcalix[4]arene bis(1,4-bis(imidazolymethyl)benzene) bis(benzil) clathrate

Synonym: C-Methylcalix[4]resorcinarene bis(1,4-bis(imidazolymethyl)benzene) bis(benzil) clathrate

Space Group: P-1 **Cell:** a 14.926(1) b 15.358(1) c 17.131(1)

Space Group No.: 2 **(Å, °)** α 111.44(0) β 95.32(0) γ 90.26(0)

R-Factor (%): 4.65 **Temperature(K):** 90 **Density(g/cm³):** 1.317



BIHNIR

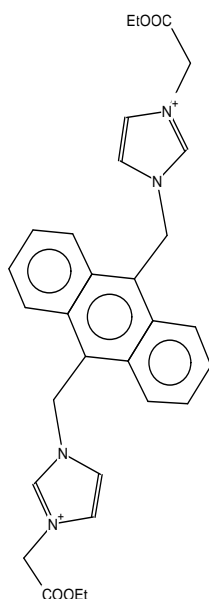
Reference: P.Suresh, S.Radhakrishnan, C.N.Babu, A.Sathyanaarayana, N.Sampath, G.Prabusankar (2013) *Dalton Trans.* , **42**,10838

Formula: C₃₀ H₃₄ N₄ O₄ 2⁺.2(Br₁ 1⁻)

Compound Name: 1,1'-(Anthracene-9,10-diy)bis(methylene))bis(3-(2-ethoxy-2-oxoethyl)-1H-imidazol-3-ium) dibromide

Space Group: P-1 **Cell:** a 4.668(0) b 11.600(0) c 13.730(0)
Space Group No.: 2 **(Å, °)** α 99.22(0) β 93.93(0) γ 96.67(0)

R-Factor (%): 5.46 **Temperature(K):** 150 **Density(g/cm³):** 1.543



Br⁻

BIHNUD

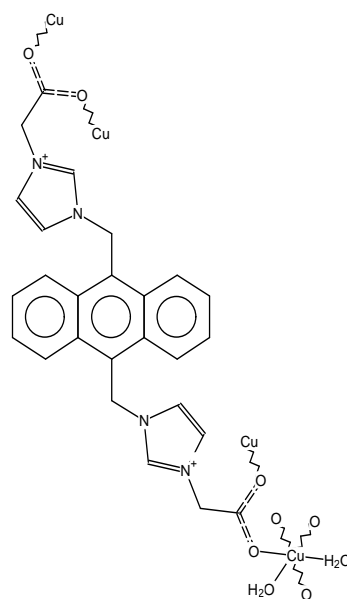
Reference: P.Suresh, S.Radhakrishnan, C.N.Babu, A.Sathyanaarayana, N.Sampath, G.Prabusankar (2013) *Dalton Trans.* , **42**,10838

Formula: (C₂₆ H₂₆ Cu₁ N₄ O₆ 2⁺)_n.2n(Br₁ 1⁻)

Compound Name: catena-((μ₄-1,1'-(Anthracene-9,10-diy)bis(methylene))bis(3-(carboxymethyl)-1H-imidazolium))-diaqua-copper dibromide

Space Group: P-1 **Cell:** a 4.533(0) b 11.311(1) c 13.299(1)
Space Group No.: 2 **(Å, °)** α 77.56(0) β 82.90(0) γ 84.03(0)

R-Factor (%): 6.93 **Temperature(K):** 150 **Density(g/cm³):** 1.800



Br⁻

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 69-72

BIRJAP

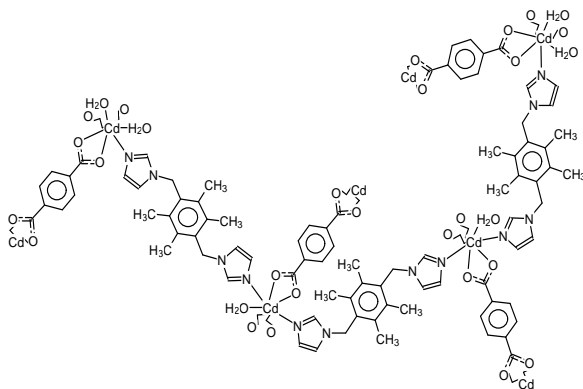
Reference: Yan Zhang, Wenping Luo, Dongjiu Liu, Yan Xu, Shun-Li Li, Jingfu Li, Yong Wu, Yaoming Zhou, Min Fang, Hong-Ke Liu (2014) *Inorg.Chim.Acta* ,**409**,512

Formula: (C₈₆ H₉₄ Cd₄ N₁₂ O₂₂)n

Compound Name: catena-[tris(μ₂-1,1'-((2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene) bis(1H-imidazole))-tetrakis(μ₂-terephthalato)-hexakis(aqua)-tetra-cadmium]

Space Group: P21/c **Cell:** a 9.075(4) b 22.923(10) c 21.197(9)
Space Group No.: 14 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 8.09 **Temperature(K):** 293 **Density(g/cm³):** 1.580



BOBGJ

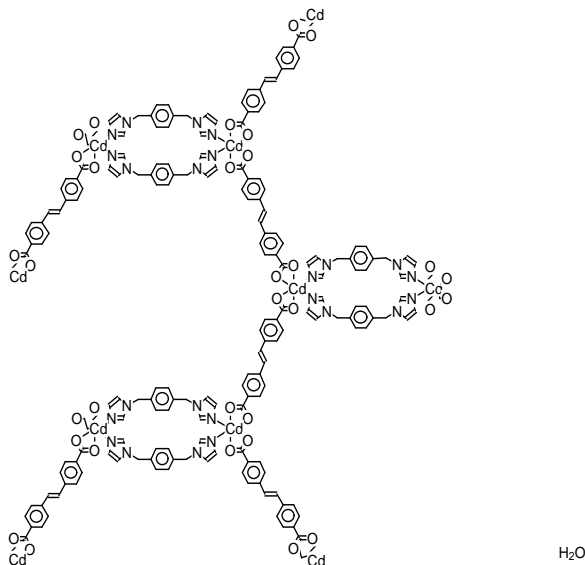
Reference: Jin Yang, Jian-Fang Ma, S.R.Batten, Zhong-Min Su (2008) *Chem.Commun.* ,2233

Formula: (C₁₈₀ H₁₄₄ Cd₆ N₂₄ O₂₄)n,6n(H₂O)₁

Compound Name: catena-[hexakis(μ₂-4,4'-(Ethene-1,2-diyl)dibenzoato-O,O',O'',O''')-hexakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-hexa-cadmium(ii) hexahydrate-polyrotaxane]

Space Group: P21/n **Cell:** a 15.036(1) b 34.679(2) c 21.882(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.82(0) γ 90.00

R-Factor (%): 6.58 **Temperature(K):** 183 **Density(g/cm³):** 1.669



CAPJOU

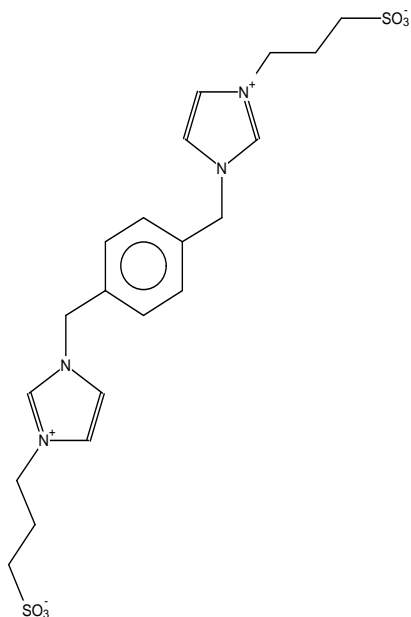
Reference: S.Kohmoto, S.Okuyama, N.Yokota, M.Takahashi, K.Kishikawa, H.Masu, I.Azumaya (2012) *J.Mol.Struct.* ,**1015**,6

Formula: C₂₀ H₂₆ N₄ O₆ S₂

Compound Name: 3,3'-(1,4-Phenylenebis(methylene-1H-imidazol-3-ium-1,3-diyl))dipropene-1-sulfonate

Space Group: P21/c **Cell:** a 5.636(1) b 11.383(2) c 15.962(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 90.86(0) γ 90.00

R-Factor (%): 4.23 **Temperature(K):** 100 **Density(g/cm³):** 1.565



CATFEK

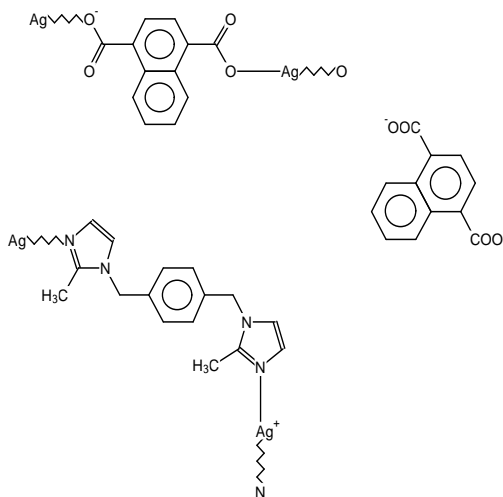
Reference: Fu-Jing Liu, Di Sun, Hong-Jun Hao, Rong-Bin Huang, Lan-Sun Zheng (2012) *J.Mol.Struct.* ,**1014**,70

Formula: (C₁₂ H₆ Ag₁ O₄¹⁻)n,2n(C₁₆ H₁₈ Ag₁ N₄¹⁺),n(H₂O)₁,0.5n(C₁₂ H₆ O₄²⁻)

Compound Name: catena-(bis(μ₂-1,4-bis(2-methylimidazol-1-ylmethyl)benzene)-silver(i) (μ₂-naphthalene-1,4-dicarboxylato)-silver(i) hemikis(naphthalene-1,4-dicarboxylate) monohydrate)

Space Group: Cmca **Cell:** a 21.901(5) b 30.645(7) c 14.201(3)
Space Group No.: 64 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 8.05 **Temperature(K):** 173 **Density(g/cm³):** 1.666



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 73-76

CAWKES

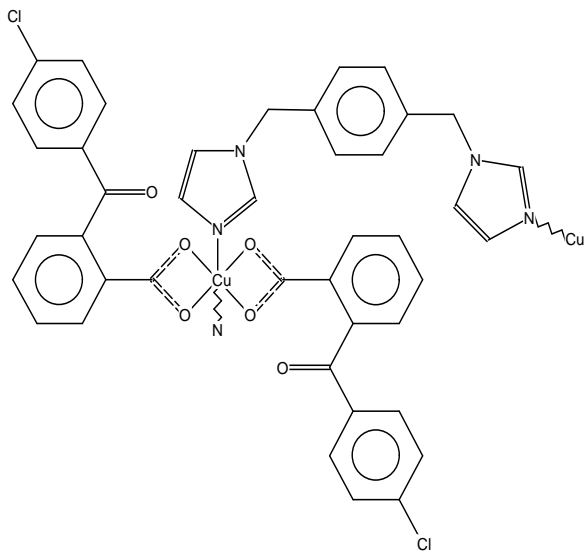
Reference: Xiu-Mei Li, Qing-Wei Wang, Bo Liu (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, 31,550

Formula: (C₄₂ H₃₀ Cl₂ Cu₁ N₄ O₆)_n

Compound Name: catena-(bis(2-(4-chlorobenzoyl)benzoato)-(μ₂-1-(4-((1H-imidazol-1-yl)methyl)benzyl)-1H-imidazole)-di-copper)

Space Group: C2/c **Cell:** *a* 26.127(3) *b* 10.614(1) *c* 14.568(1)
Space Group No.: 15 **(Å, °)** *α* 90.00 *β* 111.29(0) *γ* 90.00

R-Factor (%): 5.28 **Temperature(K):** 292 **Density(g/cm³):** 1.449



CAYCUB

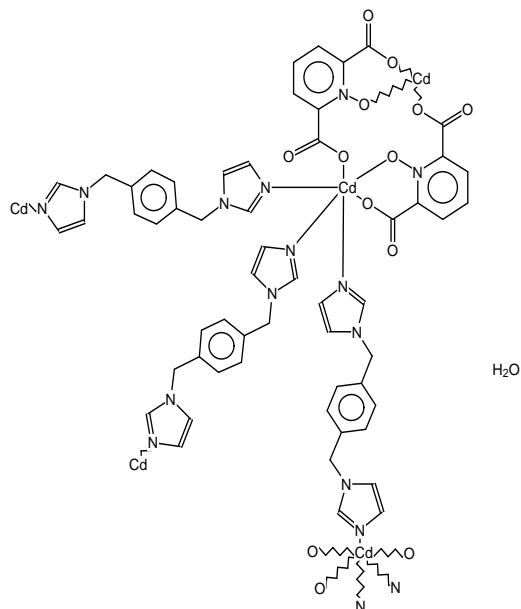
Reference: Li-Li Wen, Dong-Bin Dang, Chun-Ying Duan, Yi-Zhi Li, Zheng-Fang Tian, Qing-Jin Meng (2005) *Inorg.Chem.* 44,7161

Formula: (C₅₆ H₄₈ Cd₂ N₁₄ O₁₀)_n.3n(H₂O)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-pyridine-2,6-dicarboxylato-N-oxide)-di-cadmium(ii) trihydrate)

Space Group: P2/c **Cell:** *a* 16.457(4) *b* 9.193(2) *c* 21.244(4)
Space Group No.: 13 **(Å, °)** *α* 90.00 *β* 113.52(1) *γ* 90.00

R-Factor (%): 4.84 **Temperature(K):** 293 **Density(g/cm³):** 1.528



CAYDAI

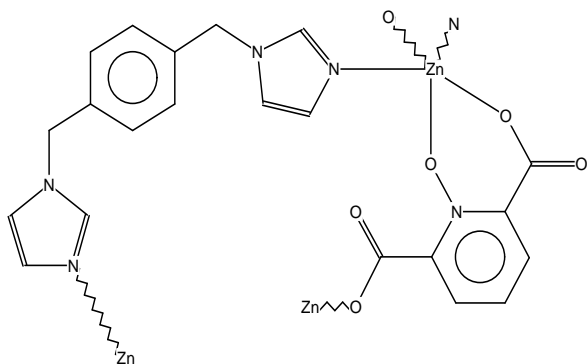
Reference: Li-Li Wen, Dong-Bin Dang, Chun-Ying Duan, Yi-Zhi Li, Zheng-Fang Tian, Qing-Jin Meng (2005) *Inorg.Chem.* 44,7161

Formula: (C₂₁ H₁₇ N₅ O₅ Zn₁)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-(μ₂-pyridine-2,6-dicarboxylato-N-oxide)-zinc(ii))

Space Group: Pca21 **Cell:** *a* 20.740(2) *b* 8.441(1) *c* 11.486(1)
Space Group No.: 29 **(Å, °)** *α* 90.00 *β* 90.00 *γ* 90.00

R-Factor (%): 5.00 **Temperature(K):** 293 **Density(g/cm³):** 1.601



CAZKAR

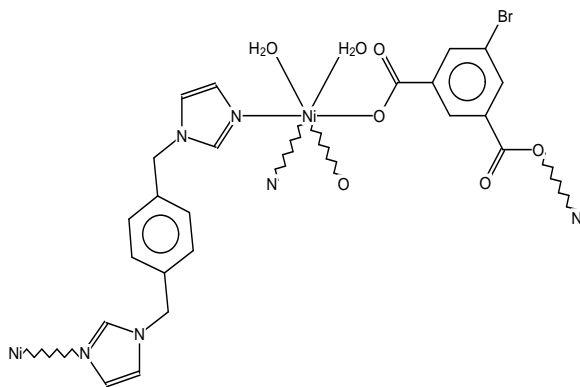
Reference: Peng-Fei Wang, Guo-Zhi Wu, Xin Wang, Guang-Hui Wu, Bin Liu (2012) *Wuji Huaxue Xuebao(Chin.J.Inorg.Chem.)*, 28, 579

Formula: (C₂₂ H₂₁ Br₁ N₄ Ni₁ O₆)_n

Compound Name: catena-((μ₂-5-bromisophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-nickel(ii))

Space Group: Pnma **Cell:** *a* 17.602(3) *b* 21.051(4) *c* 5.678(1)
Space Group No.: 62 **(Å, °)** *α* 90.00 *β* 90.00 *γ* 90.00

R-Factor (%): 3.54 **Temperature(K):** 293 **Density(g/cm³):** 1.818



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 77-80

CEFGEB

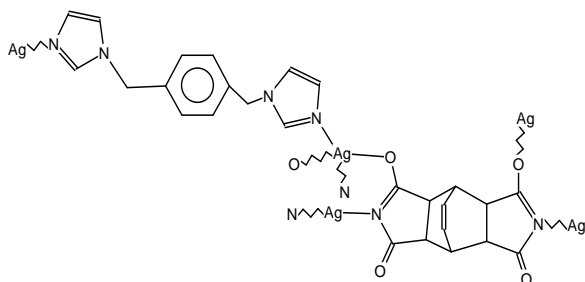
Reference: Yongmei Zhang (2012)
Acta Crystallogr., Sect. E: Struct. Rep. Online, **68**, m1289

Formula: (C₂₆H₂₂Ag₂N₆O₄)_n

Compound Name: catena-[[μ₂-1,4-bis(imidazol-1-ylmethyl)benzene]-{μ₄-3,5,9,11-tetraoxo-4,10-diazatetracyclo[5.5.2.0^{2,6}.0^{8,12}]tetradec-13-ene-4,10-diido}-di-silver(I)]

Space Group: Pbcm **Cell:** **a** 10.148(1) **b** 11.002(1) **c** 21.183(2)
Space Group No.: 57 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.38 **Temperature(K):** 296 **Density(g/cm³):** 1.961



CEHNEJ

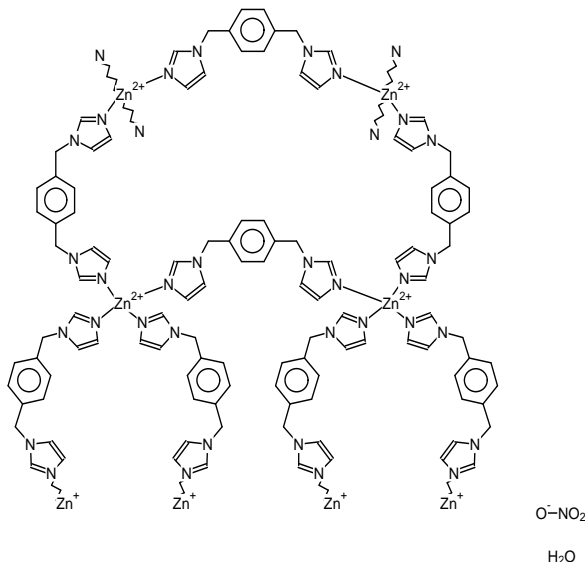
Reference: S.K.Chawla, M.Arora, K.Nattinen, K.Rissanen (2006)
Mendeleev Commun., **88**

Formula: (C₁₁₂H₁₁₂N₃₂Zn₄⁸⁺)_n.8n(N₁O₃¹⁻).10n(H₂O)₁

Compound Name: catena-(tetrakis(μ₂-syn-(1,4-bis(imidazolymethyl)benzene))-tetrakis(μ₂-anti-(1,4-bis(imidazolymethyl)benzene))-tetra-zinc(II) octanitate decahydrate)

Space Group: P-1 **Cell:** **a** 11.540(0) **b** 14.964(0) **c** 21.453(0)
Space Group No.: 2 **(Å, °)** α 109.44(0) β 89.95(0) γ 112.81(0)

R-Factor (%): 8.92 **Temperature(K):** 173 **Density(g/cm³):** 1.483



CIKROF

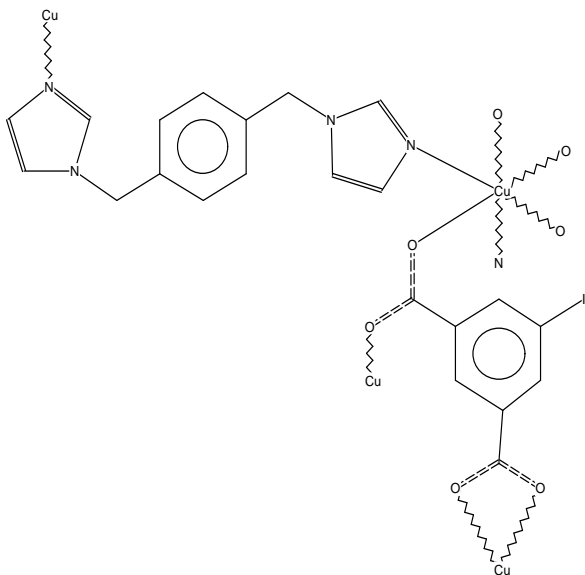
Reference: Ming-Ming Dong, Lu-Lu He, Ya-Juan Fan, Shuang-Quan Zang, Hong-Wei Hou, T.C.W.Mak (2013)
Cryst.Growth Des., **13**, 3353

Formula: (C₂₂H₁₇Cu₁I₁N₄O₄)_n

Compound Name: catena-[[μ₃-5-Iodoisophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-copper]

Space Group: P-1 **Cell:** **a** 9.499(1) **b** 9.985(1) **c** 13.335(2)
Space Group No.: 2 **(Å, °)** α 79.01(1) β 78.23(1) γ 62.98(1)

R-Factor (%): 7.58 **Temperature(K):** 293 **Density(g/cm³):** 1.793



CIPDEM

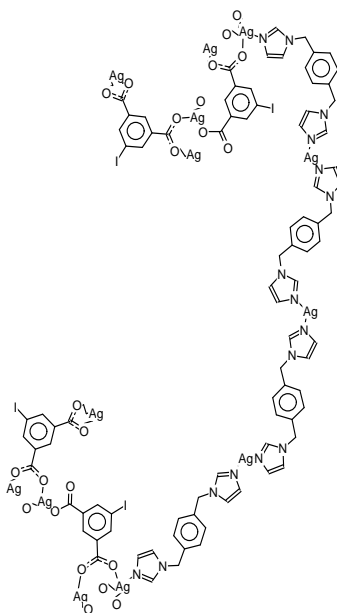
Reference: Yong-Li Wei, Xiao-Yuan Li, Ting-Ting Kang, Su-Na Wang, Shuang-Quan Zang (2014) *CrystEngComm*, **16**, 223

Formula: (C₈₈H₆₈Ag₈I₄N₁₆O₁₆)_n

Compound Name: catena-[tetrakis(μ₃-5-Iodoisophthalato)-tetrakis(μ₂-1,4-bis(1H-imidazol-1-ylmethyl)benzene)-octa-silver]

Space Group: P-1 **Cell:** **a** 11.258(0) **b** 12.629(0) **c** 16.950(0)
Space Group No.: 2 **(Å, °)** α 102.54(0) β 93.09(0) γ 106.94(0)

R-Factor (%): 4.53 **Temperature(K):** 293 **Density(g/cm³):** 2.214



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 81-84

CIPSIE

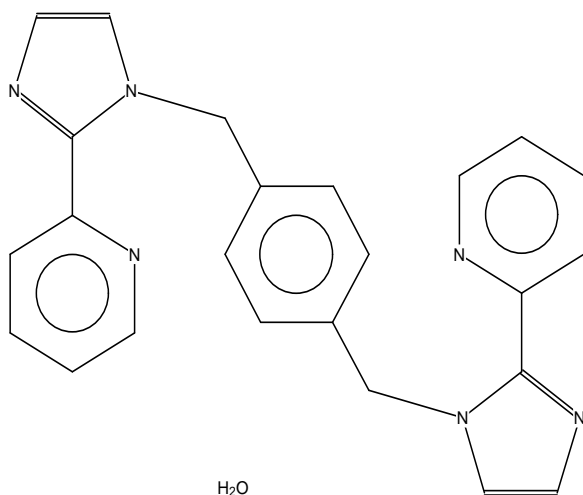
Reference: Rui-Hai Cui, Ya-Qian Lan (2007)
Acta Crystallogr., Sect. E: Struct. Rep. Online, **63**, o4515

Formula: C₂₄H₂₀N₆·2(H₂O)

Compound Name: 1,4-Bis((2-(pyridin-2-yl)-1H-imidazol-1-yl)methyl)benzene dihydrate

Space Group: P2₁/c **Cell:** a 7.503(2) b 28.450(2) c 5.030(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.57(0) γ 90.00

R-Factor (%): 4.03 **Temperature(K):** 293 **Density(g/cm³):** 1.328



CUQXES

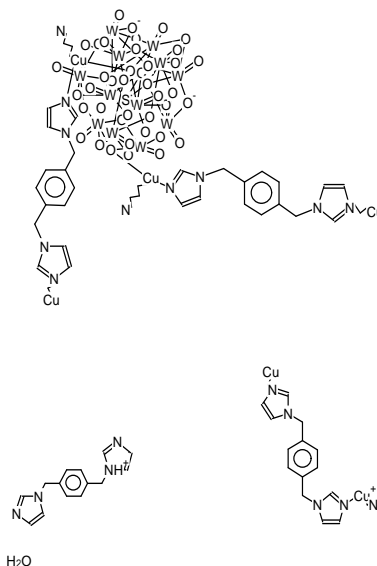
Reference: Peng-peng Zhang, Jun Peng, Hai-jun Pang, Yuan Chen, Min Zhu, Dan-dan Wang, Ming-guan Liu, Yong-hui Wang (2010)
Solid State Sciences, **12**, 1585

Formula: (C₂₈H₂₈Cu₂N₈O₄₀Si₄W₁₂²⁻)_n·n(C₁₄H₁₄Cu₁N₄¹⁺)_n·n(C₁₄H₁₅N₄¹⁺)_n·4n(H₂O)

Compound Name: catena-[(1-(imidazol-1-iumylmethyl)-4-(imidazol-1-ylmethyl)benzene)(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-copper(i)(μ₁₂-silicato)-bis(μ₃-oxo)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-dodecakis(μ₂-oxo)-dodecaoxo-di-copper(i)-dodeca-tungsten tetrahydrate]

Space Group: P1 **Cell:** a 13.244(3) b 13.594(3) c 14.638(3)
Space Group No.: 1 **(Å, °)** α 109.72(3) β 116.51(3) γ 97.92(3)

R-Factor (%): 4.52 **Temperature(K):** 293 **Density(g/cm³):** 3.257



CUQXIW

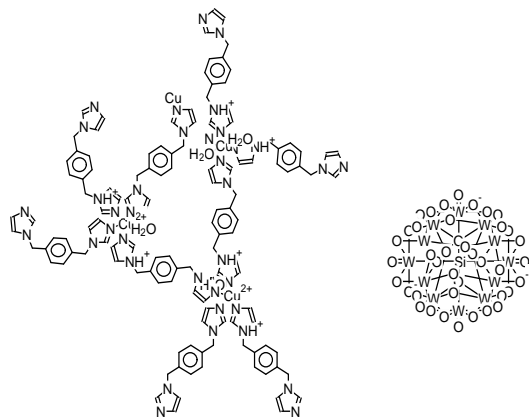
Reference: Peng-peng Zhang, Jun Peng, Hai-jun Pang, Yuan Chen, Min Zhu, Dan-dan Wang, Ming-guan Liu, Yong-hui Wang (2010)
Solid State Sciences, **12**, 1585

Formula: (C₁₂₆H₁₄₀Cu₃N₃₆O₄¹²⁺)_n·3n(O₄₀Si₄W₁₂⁴⁻)_n·4n(H₂O)

Compound Name: catena-[bis(μ₂-1-(imidazol-1-iumylmethyl)-4-(imidazol-1-ylmethyl)benzene)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetrakis(1-(imidazol-1-iumylmethyl)-4-(imidazol-1-ylmethyl)benzene)-bis(1,4-bis(imidazol-1-ylmethyl)benzene)-tetraqua-tri-copper(ii) tris(μ₁₂-silicato)-tetracosakis(μ₂-oxo)-dodecaoxo-dodeca-tungsten) tetrahydrate]

Space Group: P-1 **Cell:** a 13.112(5) b 15.798(5) c 27.462(5)
Space Group No.: 2 **(Å, °)** α 91.53(0) β 92.92(0) γ 110.72(0)

R-Factor (%): 5.81 **Temperature(K):** 293 **Density(g/cm³):** 3.475



H₂O

DAPVIA

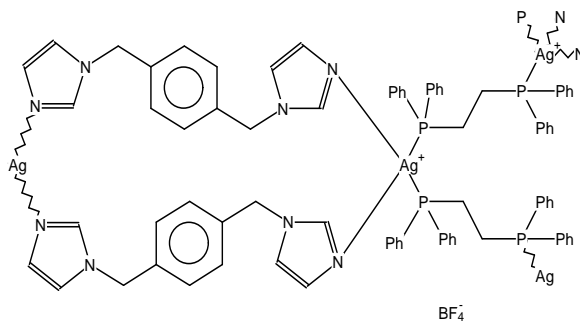
Reference: Li Zhang, Xing-Qiang Lu, Chun-Long Chen, Hai-Yan Tan, Hua-Xin Zhang, Bei-Sheng Kang (2005)
Cryst. Growth Des., **5**, 283

Formula: (C₈₀H₇₆Ag₂N₈P₄²⁺)_n·2n(B₄F₄¹⁻)

Compound Name: catena-[bis((μ₂-1,2-bis(Diphenylphosphino)ethane-P,P')-(μ₂-1,4-bis(imidazol-1-yl)benzene)-di-silver(i) bis(tetrafluoroborate))]

Space Group: P2₁/n **Cell:** a 16.729(3) b 11.559(1) c 20.933(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 104.58(0) γ 90.00

R-Factor (%): 4.84 **Temperature(K):** 293 **Density(g/cm³):** 1.410



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 85-88

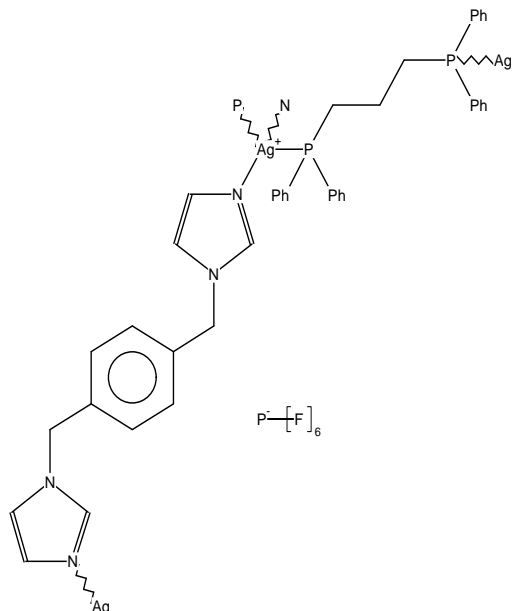
DAPVOG

Reference: Li Zhang, Xing-Qiang Lu, Chun-Long Chen, Hai-Yan Tan, Hua-Xin Zhang, Bei-Sheng Kang (2005) *Cryst.Growth Des.* ,5,283

Formula: (C₄₁ H₄₀ Ag₁ N₄ P₂ 1⁺)_n(F₆ P₁ 1⁻)

Compound Name: catena-((μ₂-1,3-bis(Diphenylphosphino)propane-P,P')-(μ₂-1,4-bis(imidazol-1-yl)benzene)-silver(I) hexafluorophosphate)

Space Group: P2₁/n **Cell:** a 13.850(5) b 18.677(7) c 15.719(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.89(0) γ 90.00
R-Factor (%): 4.79 **Temperature(K):** 293 **Density(g/cm³):** 1.498



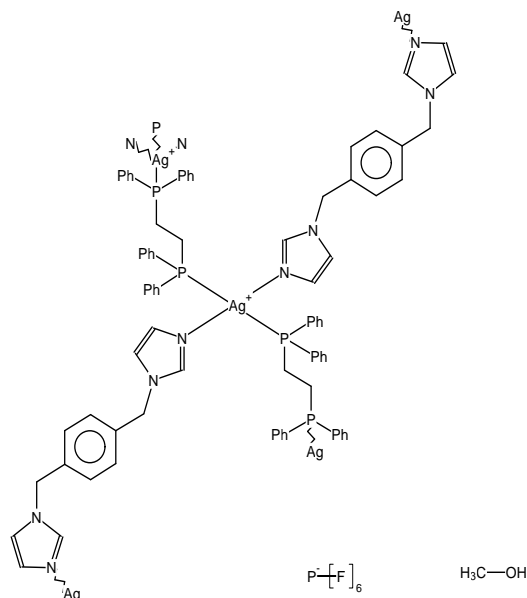
DAPVUM

Reference: Li Zhang, Xing-Qiang Lu, Chun-Long Chen, Hai-Yan Tan, Hua-Xin Zhang, Bei-Sheng Kang (2005) *Cryst.Growth Des.* ,5,283

Formula: (C₈₀ H₇₆ Ag₂ N₈ P₄ 2⁺)_n.2n(F₆ P₁ 1⁻).2n(C₁ H₄ O₁)

Compound Name: catena-(bis((μ₂-1,2-bis(Diphenylphosphino)ethane-P,P')-(μ₂-1,4-bis(imidazol-1-yl)benzene))-di-silver(I) bis(hexafluorophosphate) methanol solvate)

Space Group: C2/c **Cell:** a 27.514(9) b 14.252(4) c 24.004(7)
Space Group No.: 15 **(Å, °)** α 90.00 β 113.52(0) γ 90.00
R-Factor (%): 5.51 **Temperature(K):** 293 **Density(g/cm³):** 1.419



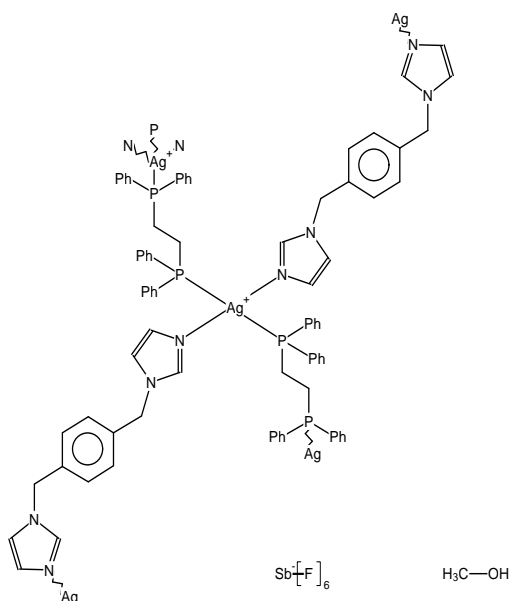
DAPWAT

Reference: Li Zhang, Xing-Qiang Lu, Chun-Long Chen, Hai-Yan Tan, Hua-Xin Zhang, Bei-Sheng Kang (2005) *Cryst.Growth Des.* ,5,283

Formula: (C₈₀ H₇₆ Ag₂ N₈ P₄ 2⁺)_n(F₆ Sb₁ 1⁻).2n(C₁ H₄ O₁)

Compound Name: catena-(bis((μ₂-1,2-bis(Diphenylphosphino)ethane-P,P')-(μ₂-1,4-bis(imidazol-1-yl)benzene))-di-silver(I) bis(hexafluoroantimonate) methanol solvate)

Space Group: C2/c **Cell:** a 27.881(9) b 14.252(4) c 24.059(8)
Space Group No.: 15 **(Å, °)** α 90.00 β 111.80(0) γ 90.00
R-Factor (%): 4.63 **Temperature(K):** 293 **Density(g/cm³):** 1.515



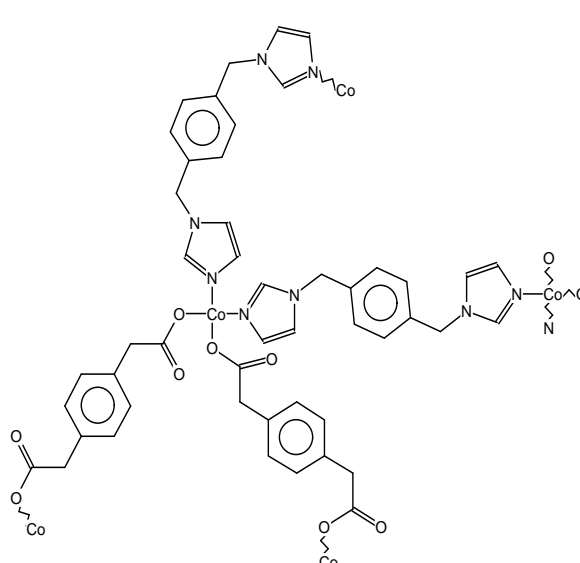
DAVXIJ

Reference: B.K.Tripuramallu, P.Manna, S.N.Reddy, S.K.Das (2012) *Cryst.Growth Des.* ,12,777

Formula: (C₄₈ H₄₄ Co₂ N₈ O₉)_n

Compound Name: catena-(μ₂-2,2'-(1,4-Phenylene)diacetato-O,O')-bis(1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt)

Space Group: P-1 **Cell:** a 6.892(0) b 8.561(0) c 18.951(1)
Space Group No.: 2 **(Å, °)** α 96.30(0) β 98.06(0) γ 103.28(0)
R-Factor (%): 5.65 **Temperature(K):** 293 **Density(g/cm³):** 1.525



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 89-92

DAVXOP

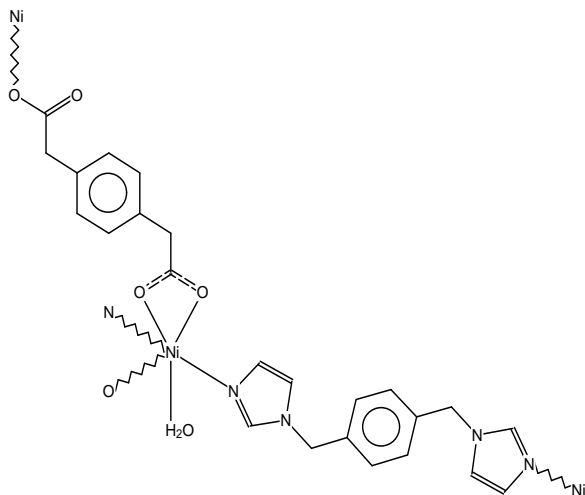
Reference: B.K.Tripuramallu, P.Manna, S.N.Reddy, S.K.Das (2012)
Cryst.Growth Des., 12,777

Formula: (C₂₄ H₂₄ N₄ Ni₁ O₅)_n

Compound Name: catena-(μ₂-2,2'-(1,4-Phenylene)diacetato-O,O')-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-aqua-nickel

Space Group: P2₁/n
Space Group No.: 14
Cell: a 8.655(4) Å, b 10.949(6) Å, c 23.799(12) Å
α 90.00°, β 100.02(0)°, γ 90.00°

R-Factor (%): 3.31
Temperature(K): 298
Density(g/cm³): 1.517



DAVXUV

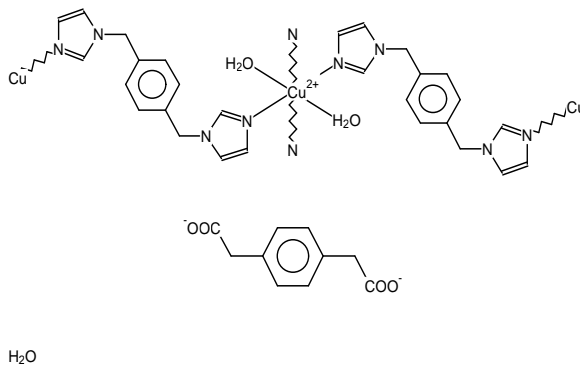
Reference: B.K.Tripuramallu, P.Manna, S.N.Reddy, S.K.Das (2012)
Cryst.Growth Des., 12,777

Formula: (C₂₈ H₃₂ Cu₁ N₈ O₂²⁺)_n.n(C₁₀ H₈ O₄²⁻).8n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-diaqua-copper 2,2'-(1,4-phenylene)diacetate octahydrate)

Space Group: P-1
Space Group No.: 2
Cell: a 8.370(4) Å, b 10.357(5) Å, c 13.037(6) Å
α 101.58(0)°, β 90.78(0)°, γ 101.80(0)°

R-Factor (%): 4.33
Temperature(K): 293
Density(g/cm³): 1.400



DAVYEG

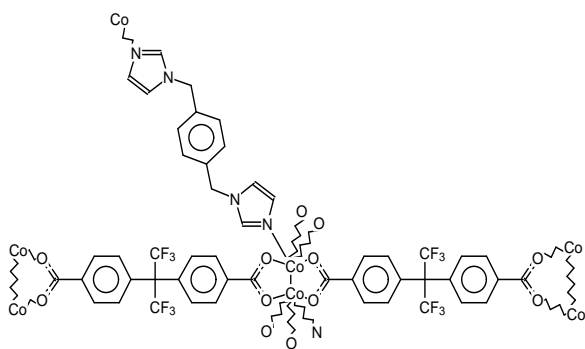
Reference: B.K.Tripuramallu, P.Manna, S.N.Reddy, S.K.Das (2012)
Cryst.Growth Des., 12,777

Formula: (C₄₈ H₃₀ Co₂ F₁₂ N₄ O₈)_n

Compound Name: catena-(bis(μ₄-4,4'-(1,1,1,3,3,3-Hexafluoropropane-2,2-diy)l)diobenzoato)-(1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt

Space Group: C2/c
Space Group No.: 15
Cell: a 27.375(6) Å, b 7.277(1) Å, c 24.644(5) Å
α 90.00°, β 106.24(3)°, γ 90.00°

R-Factor (%): 3.72
Temperature(K): 100
Density(g/cm³): 1.602



DAVIK

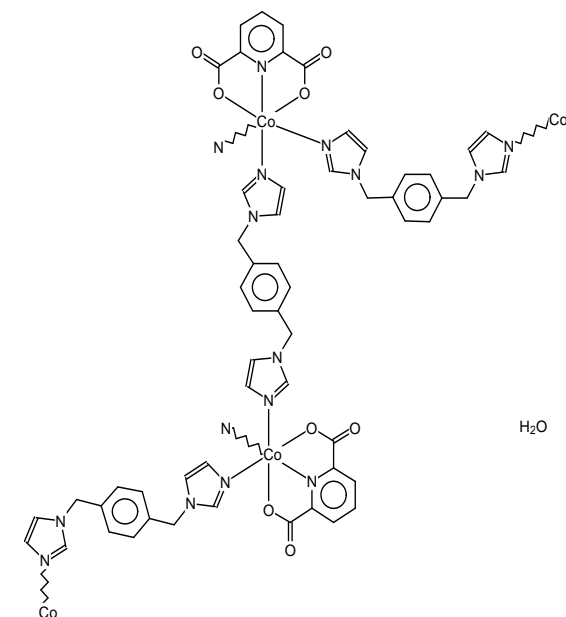
Reference: B.K.Tripuramallu, P.Manna, S.N.Reddy, S.K.Das (2012)
Cryst.Growth Des., 12,777

Formula: (C₅₆ H₄₈ Co₂ N₁₄ O₈)_n.8n(H₂ O₁)

Compound Name: catena-(tris(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(pyridine-2,6-dicarboxylato)-di-cobalt octahydrate)

Space Group: P-1
Space Group No.: 2
Cell: a 10.122(3) Å, b 12.159(4) Å, c 13.553(4) Å
α 91.71(0)°, β 109.50(0)°, γ 102.55(0)°

R-Factor (%): 6.51
Temperature(K): 293
Density(g/cm³): 1.423



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 93-96

DAWDIQ

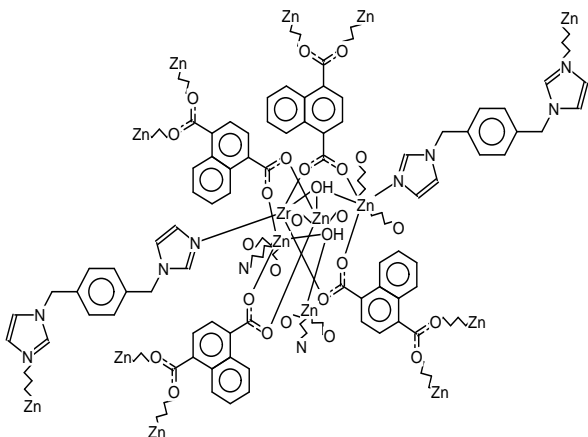
Reference: Kun-Huan He, Wei-Chao Song, Yun-Wu Li, Yong-Qiang Chen, Xian-He Bu (2012) *Cryst.Growth Des.*, **12**,1064

Formula: (C₇₆ H₅₄ N₈ O₁₈ Zn₅)_n

Compound Name: catena-(tetrakis(μ₄-Naphthalene-1,4-dicarboxylato)-bis(μ₃-hydroxo)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-penta-zinc)

Space Group: P21/c **Cell:** a 15.309(3) b 15.799(3) c 16.424(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 117.56(3) γ 90.00

R-Factor (%): 4.94 **Temperature(K):** 293 **Density(g/cm³):** 1.598



DAWMIY

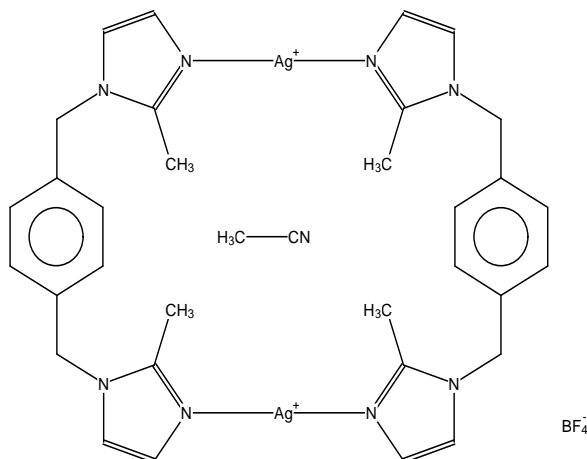
Reference: L.Dobrzanska, G.O.Lloyd, H.G.Raubenheimer, L.J.Barbour (2005) *J.Am.Chem.Soc.*, **127**,13134

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺·2(B₁ F₄ 1⁻)·2(C₂ H₃ N₁)

Compound Name: bis(μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-di-silver(I) bis(tetrafluoroborate) bis(acetonitrile) clathrate

Space Group: C2/m **Cell:** a 14.911(1) b 20.138(1) c 7.021(0)
Space Group No.: 12 **(Å, °)** α 90.00 β 90.29(0) γ 90.00

R-Factor (%): 2.57 **Temperature(K):** 100 **Density(g/cm³):** 1.582



DAYYOS

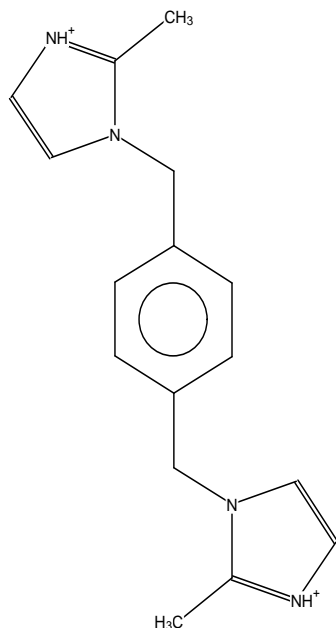
Reference: L.Dobrzanska (2005) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **61**,o4113

Formula: C₁₆ H₂₀ N₄ 2⁺·2(Br₁ 1⁻)

Compound Name: 2,2'-Dimethyl-3,3'-(p-phenylenedimethylene)diimidazol-1-ium dibromide

Space Group: P21/c **Cell:** a 7.738(0) b 16.008(1) c 7.260(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 109.12(0) γ 90.00

R-Factor (%): 2.50 **Temperature(K):** 100 **Density(g/cm³):** 1.674



DAZFIU

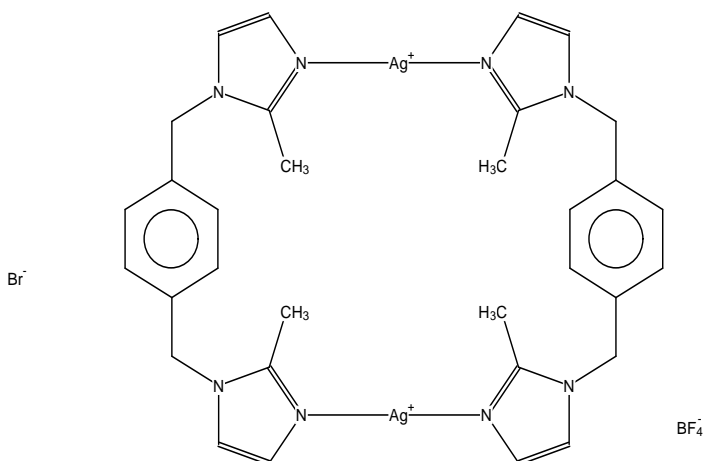
Reference: L.Dobrzanska, G.O.Lloyd, H.G.Raubenheimer, L.J.Barbour (2005) *J.Am.Chem.Soc.*, **127**,13134

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺·2(B₁ F₄ 1⁻)

Compound Name: bis(μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-di-silver(I) bis(tetrafluoroborate)

Space Group: C2/m **Cell:** a 14.831(1) b 20.564(1) c 7.045(0)
Space Group No.: 12 **(Å, °)** α 90.00 β 90.12(0) γ 90.00

R-Factor (%): 2.67 **Temperature(K):** 100 **Density(g/cm³):** 1.425



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 97-100

DECCOE

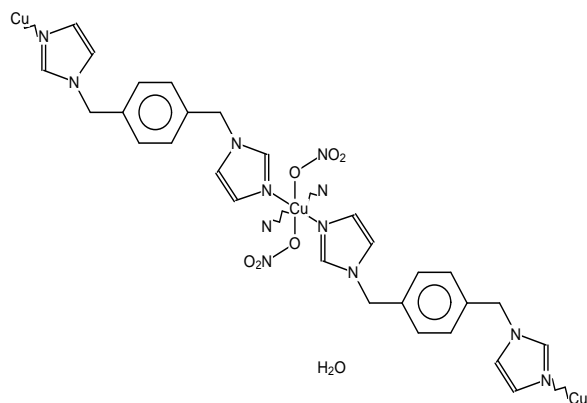
Reference: Tao Li, Sheng-Min Hu, Zhi-Hua Li, Shao-Wu Du (2006) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **25**,85

Formula: (C₂₈ H₂₈ Cu₁ N₁₀ O₆)n.n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,4-bis(1-methylimidazol-1-ylmethyl)benzene)-bis(nitrato)-copper(ii) monohydrate)

Space Group: P-1 **Cell:** **a** 8.308(1) **b** 9.473(1) **c** 10.019(4)
Space Group No.: 2 **(Å, °)** **α** 91.09(0) **β** 104.06(0) **γ** 101.88

R-Factor (%): 5.35 **Temperature(K):** 293 **Density(g/cm³):** 1.518



DEDTAJ

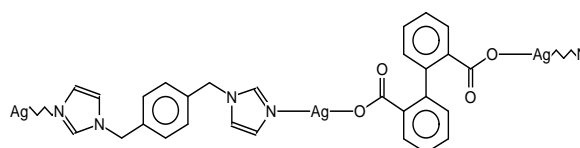
Reference: Xin Zhang, Yuan-Yuan Huang, Zi-Sheng Liu, Yuan-Gen Yao (2012) *Z.Anorg.Allg.Chem.*, **638**,1042

Formula: (C₂₈ H₂₂ Ag₂ N₄ O₄)n

Compound Name: catena-[(μ₂-Biphenyl-2,2'-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-silver(i)]

Space Group: P2/n **Cell:** **a** 7.781(0) **b** 9.674(0) **c** 17.103(1)
Space Group No.: 13 **(Å, °)** **α** 90.00 **β** 96.66(0) **γ** 90.00

R-Factor (%): 9.18 **Temperature(K):** 293 **Density(g/cm³):** 1.803



DEMKAJ

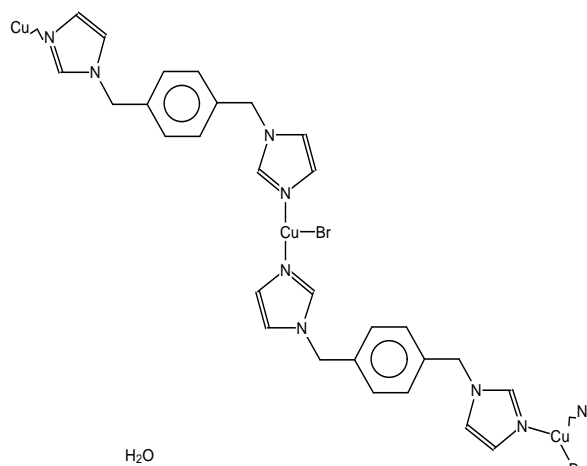
Reference: Tao Li, Shao-Wu Du (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **62**,m1812

Formula: (C₂₈ H₂₈ Br₂ Cu₂ N₈)n.2n(H₂ O₁)

Compound Name: catena-(μ₂-1,4-bis(1-methylimidazole-1-ylmethyl)benzene-N,N')-bromo-copper(i) dihydrate)

Space Group: P-1 **Cell:** **a** 8.855(2) **b** 9.723(3) **c** 10.427(3)
Space Group No.: 2 **(Å, °)** **α** 84.18(1) **β** 75.93(1) **γ** 64.31(0)

R-Factor (%): 4.64 **Temperature(K):** 293 **Density(g/cm³):** 1.692



DENKIR

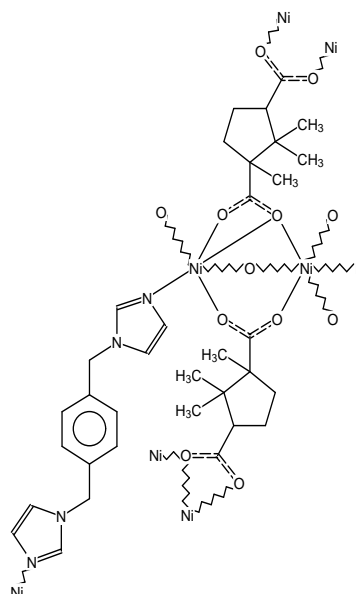
Reference: Ming-Hua Zeng, Bo Wang, Xin-Yi Wang, Wei-Xiong Zhang, Xiao-Ming Chen, Song Gao (2006) *Inorg.Chem.*, **45**, 7069

Formula: (C₃₄ H₄₂ N₄ Ni₂ O₈)n

Compound Name: catena-(bis(μ₂-D-(+)-camphorato)-(μ₂-1,4-bis(1-methylimidazolylmethyl)benzene)-di-nickel(ii))

Space Group: P21 **Cell:** **a** 10.194(1) **b** 12.679(1) **c** 13.776(1)
Space Group No.: 4 **(Å, °)** **α** 90.00 **β** 90.95(0) **γ** 90.00

R-Factor (%): 5.63 **Temperature(K):** 293 **Density(g/cm³):** 1.403



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 101-104

DENKOX

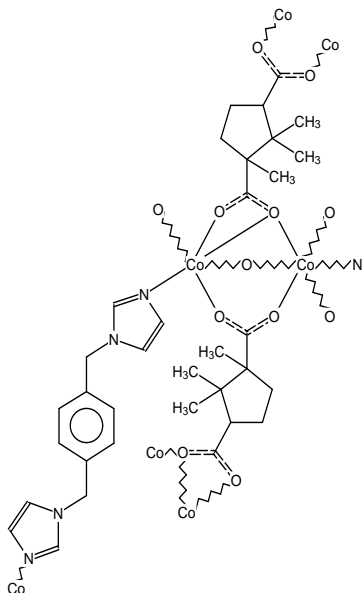
Reference: Ming-Hua Zeng, Bo Wang, Xin-Yi Wang, Wei-Xiong Zhang, Xiao-Ming Chen, Song Gao (2006) *Inorg.Chem.* ,**45**, 7069

Formula: (C₃₄ H₄₂ Co₂ N₄ O₈)_n

Compound Name: catena-[bis(μ₄-D-(+)-camphorato)-(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-di-cobalt(ii)]

Space Group: P21 **Cell:** a 10.226(1) b 13.012(1) c 13.551(1)
Space Group No.: 4 **(Å, °)** α 90.00 β 90.75(0) γ 90.00

R-Factor (%): 3.91 **Temperature(K):** 293 **Density(g/cm³):** 1.386



DENKOX01

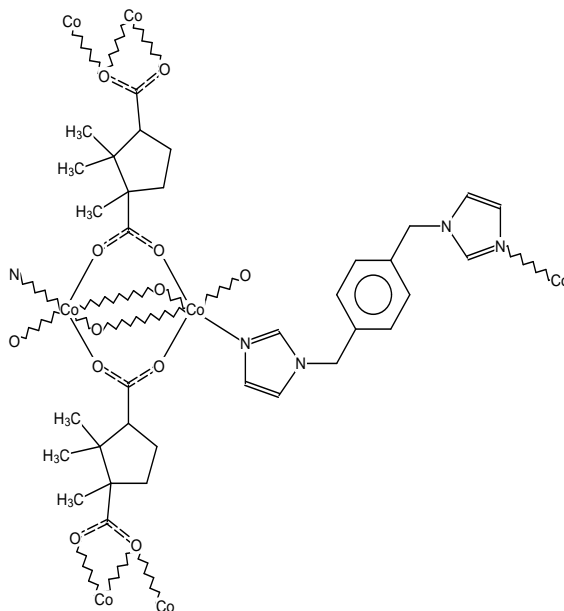
Reference: Ziyi Chen, Zhien Lin, T.Stips, S.Dehnen (2011) *Inorg.Chem.Commun.* ,**14**,137

Formula: (C₃₄ H₄₂ Co₂ N₄ O₈)_n

Compound Name: catena-[bis(μ₄-(1R,3S)-(+)-Camphorato-O,O,O',O')-(μ₂-1,4-bis(1H-imidazol-1-ylmethyl)benzene-N³:N³)-di-cobalt(ii)]

Space Group: P21 **Cell:** a 10.165(2) b 12.969(3) c 13.467(3)
Space Group No.: 4 **(Å, °)** α 90.00 β 91.56(3) γ 90.00

R-Factor (%): 6.31 **Temperature(K):** 100 **Density(g/cm³):** 1.408



DESFAJ

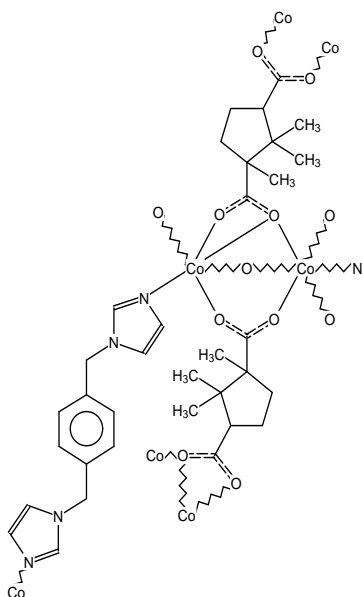
Reference: Ming-Hua Zeng, Bo Wang, Xin-Yi Wang, Wei-Xiong Zhang, Xiao-Ming Chen, Song Gao (2006) *Inorg.Chem.* ,**45**, 7069

Formula: (C₃₄ H₄₂ Co₂ N₄ O₈)_n

Compound Name: catena-[bis(μ₄-D-(+)-camphorato)-(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-di-cobalt(ii)]

Space Group: P21 **Cell:** a 10.213(0) b 12.886(0) c 13.620(0)
Space Group No.: 4 **(Å, °)** α 90.00 β 90.84(0) γ 90.00

R-Factor (%): 4.82 **Temperature(K):** 293 **Density(g/cm³):** 1.395



DESJIV

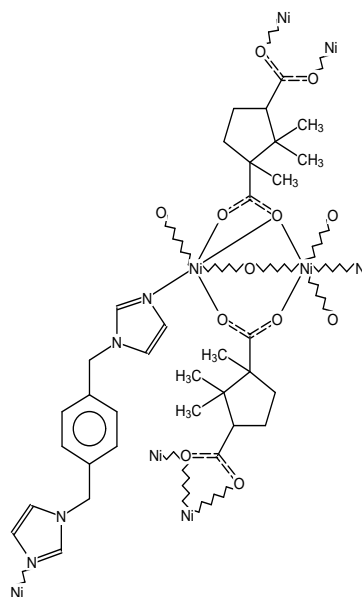
Reference: Ming-Hua Zeng, Bo Wang, Xin-Yi Wang, Wei-Xiong Zhang, Xiao-Ming Chen, Song Gao (2006) *Inorg.Chem.* ,**45**, 7069

Formula: (C₃₄ H₄₂ Ni₂ O₈)_n

Compound Name: catena-[bis(μ₄-D-(+)-camphorato)-(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-di-nickel(ii)]

Space Group: P21 **Cell:** a 10.230(0) b 12.823(1) c 13.628(1)
Space Group No.: 4 **(Å, °)** α 90.00 β 90.81(0) γ 90.00

R-Factor (%): 6.76 **Temperature(K):** 293 **Density(g/cm³):** 1.397



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 105-108

DESJIV01

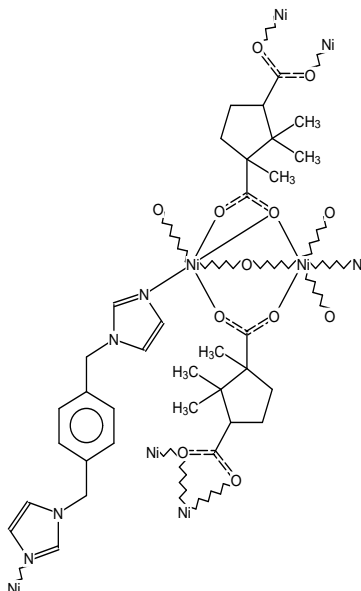
Reference: Ming-Hua Zeng, Bo Wang, Xin-Yi Wang, Wei-Xiong Zhang, Xiao-Ming Chen, Song Gao (2006) *Inorg.Chem.* **45**, 7069

Formula: (C₃₄ H₄₂ N₄ Ni₂ O₈)_n

Compound Name: catena-(bis(μ₄-D-(+)-camphorato)-(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-di-nickel(ii))

Space Group: P21 **Cell:** a 10.213(1) b 12.829(1) c 13.651(1)
Space Group No.: 4 **(Å, °)** α 90.00 β 91.05(0) γ 90.00

R-Factor (%): 8.05 **Temperature(K):** 293 **Density(g/cm³):** 1.397



DESJOB

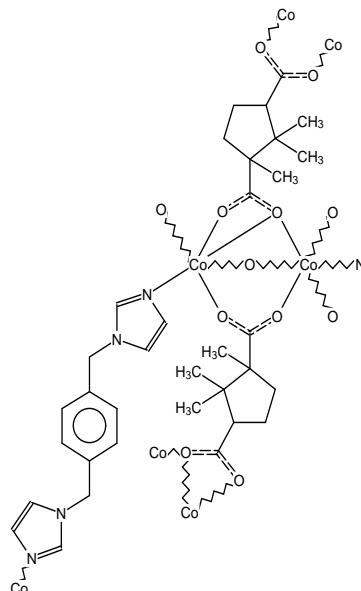
Reference: Ming-Hua Zeng, Bo Wang, Xin-Yi Wang, Wei-Xiong Zhang, Xiao-Ming Chen, Song Gao (2006) *Inorg.Chem.* **45**, 7069

Formula: (C₃₄ H₄₂ Co₂ N₄ O₈)_n

Compound Name: catena-(bis(μ₄-D-(+)-camphorato)-(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-di-cobalt(ii))

Space Group: P21 **Cell:** a 10.233(0) b 12.923(0) c 13.608(0)
Space Group No.: 4 **(Å, °)** α 90.00 β 90.92(0) γ 90.00

R-Factor (%): 5.17 **Temperature(K):** 293 **Density(g/cm³):** 1.389



DESTIF

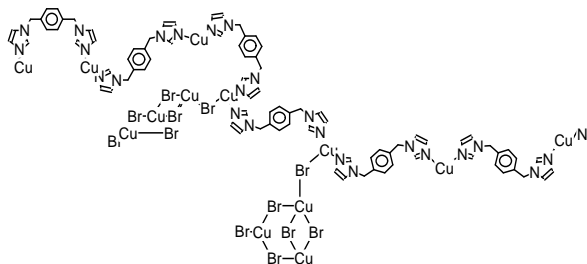
Reference: Tao Li, Hui Zhou, Ping Lin, Shao-Wu Du (2006) *Inorg.Chem.Commun.* **9**,1263

Formula: (C₈₄ H₈₄ Br₁₂ Cu₁₂ N₂₄)_n

Compound Name: catena-(decakis(μ₂-Bromo)-hexakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-dibromo-dodeca-copper(i))

Space Group: P21/c **Cell:** a 21.831(4) b 13.347(1) c 18.266(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 111.33(0) γ 90.00

R-Factor (%): 5.01 **Temperature(K):** 293 **Density(g/cm³):** 2.111



DIDLEJ

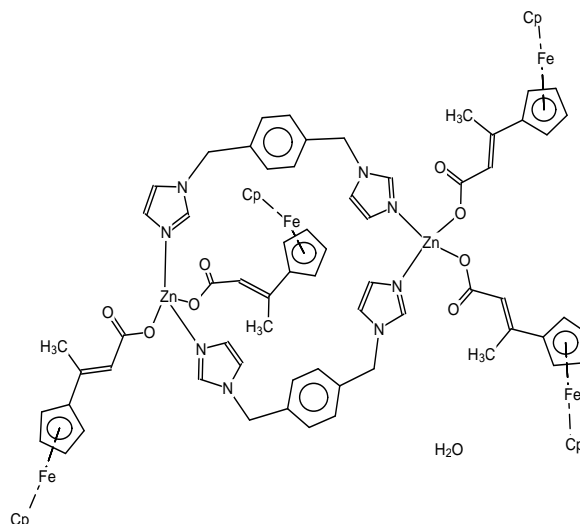
Reference: Jinpeng Lia, Huan Sun, Qingin Yuan, Xiaoli Gao, Shaomin Wang, Yanyan Zhu, Lu Liu, Songhe Zhang, Yanan Zhang, Yuxin Guo, Baoxian Ye, Yaru Liu, Hongwei Hou, Yaoting Fan, Junbia Chang (2013) *J.Coord.Chem.* **66**,1686

Formula: C₈₄ H₈₀ Fe₄ N₈ O₈ Zn₂.0.5(H₂O)₁

Compound Name: bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-tetrakis(3-(ferrocenyl)but-2-enoato)-di-zinc(ii) hemihydrate

Space Group: P21/c **Cell:** a 13.634(3) b 22.783(5) c 13.373(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 108.89(3) γ 90.00

R-Factor (%): 5.78 **Temperature(K):** 293 **Density(g/cm³):** 1.430



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 109-112

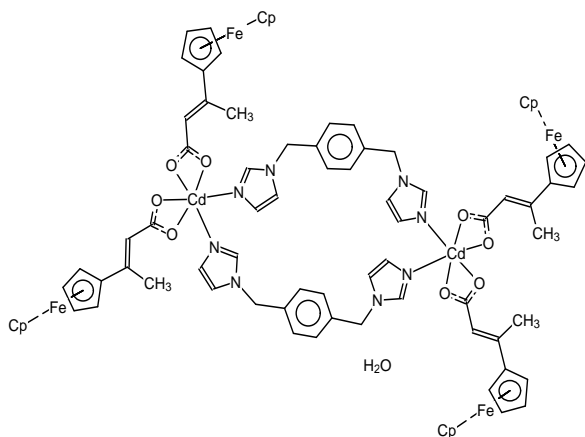
DIDLIN

Reference: Jinpeng Lia, Huan Sun, Qinqin Yuan, Xiaoli Gao, Shaomin Wang, Yanyan Zhu, Lu Liu, Songhe Zhang, Yanan Zhang, Yuexin Guo, Baoxian Ye, Yaru Liu, Hongwei Hou, Yaoting Fan, Junbia Chang (2013) *J.Coord.Chem.* ,66,1686

Formula: C₈₄ H₈₀ Cd₂ Fe₄ N₈ O₈ H₂ O₁

Compound Name: bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-tetrakis(3-(ferrocenyl)but-2-enoato)-di-cadmium(ii) monohydrate

Space Group: P21/c **Cell:** a 13.695(3) b 22.822(5) c 13.367(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 107.98(3) γ 90.00
R-Factor (%): 7.41 **Temperature(K):** 293 **Density(g/cm³):** 1.501



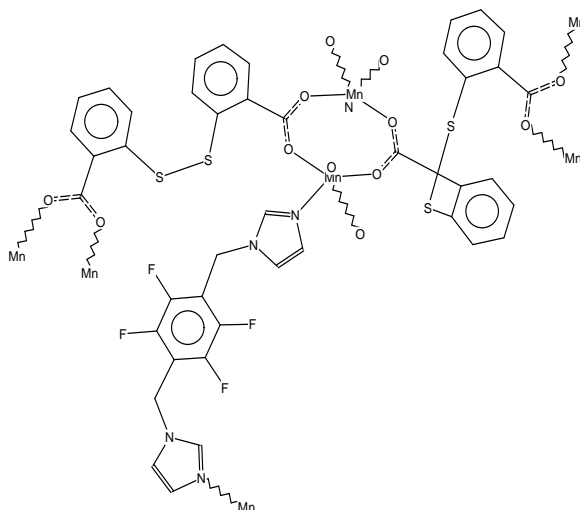
DIFHEH

Reference: Meng-Wei Xue, Guang-Xiang Liu, Xiao-Feng Wang (2013) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*,29,1277

Formula: (C₄₂ H₂₆ F₄ Mn₂ N₄ O₈ S₄)_n

Compound Name: catena-(bis(μ₂-2,2'-Disulfanediyldibenzoato)-(μ₂-1,1'-(2,3,5,6-tetrafluoro-1,4-phenylene)bis(methylene))bis(1H-imidazole))-di-manganese)

Space Group: P21/c **Cell:** a 10.504(1) b 11.602(1) c 19.404(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 116.65(0) γ 90.00
R-Factor (%): 3.99 **Temperature(K):** 293 **Density(g/cm³):** 1.617



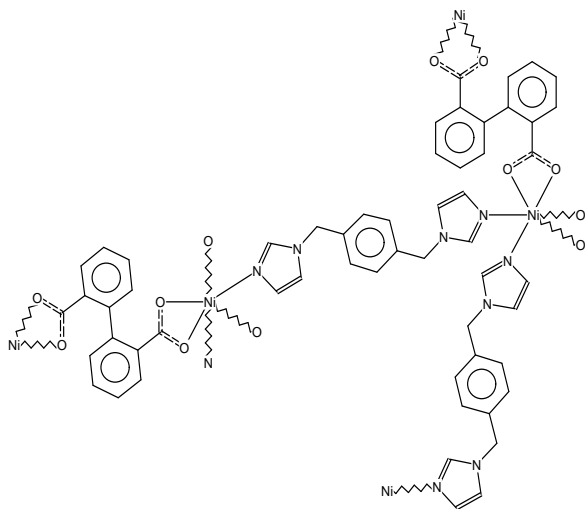
DIFRER

Reference: Guang-Xiang Liu, Hong Zhou, Xiao-Feng Wang (2013) *J.Chem.Cryst.* ,43,335

Formula: (C₅₆ H₄₄ N₈ Ni₂ O₈)_n

Compound Name: catena-[bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-biphenyl-2,2'-dicarboxylato)-di-nickel(ii)]

Space Group: C2/c **Cell:** a 35.504(4) b 7.601(0) c 19.894(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 121.61(0) γ 90.00
R-Factor (%): 4.61 **Temperature(K):** 296 **Density(g/cm³):** 1.561



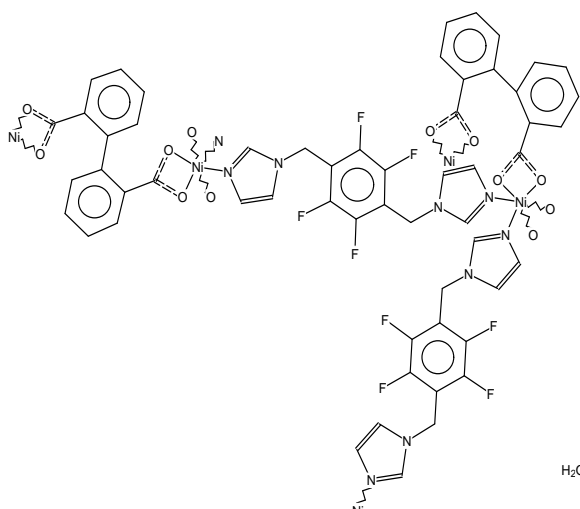
DIFRIV

Reference: Guang-Xiang Liu, Hong Zhou, Xiao-Feng Wang (2013) *J.Chem.Cryst.* ,43,335

Formula: (C₅₆ H₃₆ F₈ N₈ Ni₂ O₈)_n.n(H₂ O₁)

Compound Name: catena-[bis(μ₂-1,1'-(2,3,5,6-Tetrafluoro-1,4-phenylene)bis(methylene))bis(1H-imidazole))-bis(μ₂-biphenyl-2,2'-dicarboxylato)-di-nickel(ii) monohydrate]

Space Group: C2/c **Cell:** a 21.623(2) b 13.925(1) c 19.743(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 119.24(0) γ 90.00
R-Factor (%): 3.99 **Temperature(K):** 293 **Density(g/cm³):** 1.583



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 113-116

DISKAT

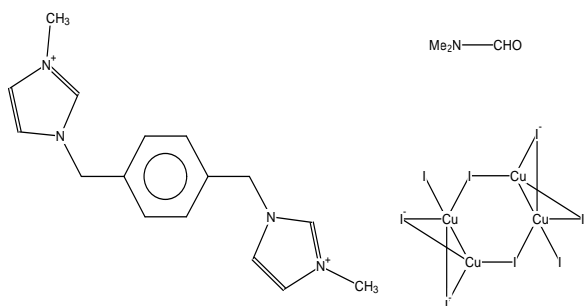
Reference: Li Li, Hong Chen, Yong-Zhen Qiao, Yun-Yin Niu (2014) *Inorg.Chim.Acta*, **409**,227

Formula: $C_{16}H_{20}N_4^{2+} \cdot 0.5(Cu_4I_8^{4-}) \cdot C_3H_7N_1O_1$

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(3-methyl-1H-imidazol-3-ium) hemikis(hexakis(μ_2 -iodo)-diiodo-tetra-copper) N,N-dimethylformamide solvate

Space Group: P21/n **Cell:** **a** 9.395(0) **b** 21.409(0) **c** 14.182(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.59(0) γ 90.00

R-Factor (%): 3.59 **Temperature(K):** 293 **Density(g/cm³):** 2.274



DISKEX

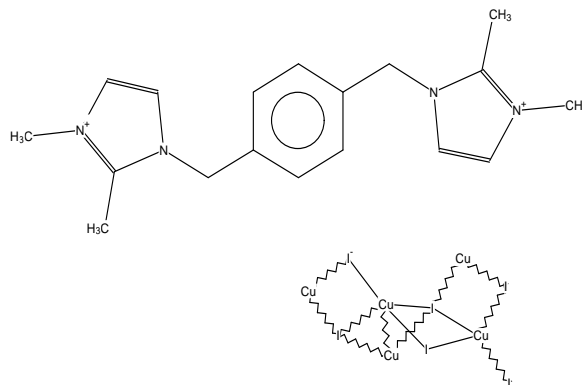
Reference: Li Li, Hong Chen, Yong-Zhen Qiao, Yun-Yin Niu (2014) *Inorg.Chim.Acta*, **409**,227

Formula: $(C_{18}H_{24}N_4^{2+})_n \cdot 2n(Cu_2I_3^{1-})$

Compound Name: catena-[1,1'-(1,4-Phenylenebis(methylene))bis(2,3-dimethyl-1H-imidazol-3-ium) bis(μ_4 -iodo)-bis(μ_2 -iodo)-di-copper]

Space Group: P21/c **Cell:** **a** 6.611(6) **b** 16.669(15) **c** 13.969(11)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.69(3) γ 90.00

R-Factor (%): 3.59 **Temperature(K):** 293 **Density(g/cm³):** 2.913



DISLAU

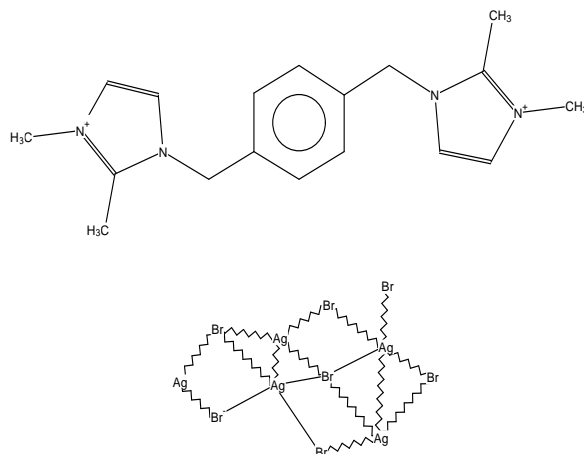
Reference: Li Li, Hong Chen, Yong-Zhen Qiao, Yun-Yin Niu (2014) *Inorg.Chim.Acta*, **409**,227

Formula: $(C_{18}H_{24}N_4^{2+})_n \cdot 2n(Ag_2Br_3^{1-})$

Compound Name: catena-[1,1'-(1,4-Phenylenebis(methylene))bis(2,3-dimethyl-1H-imidazol-3-ium) bis(μ_4 -bromo)-bis(μ_2 -bromo)-di-silver]

Space Group: P21/c **Cell:** **a** 6.782(0) **b** 16.245(0) **c** 13.446(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.81(0) γ 90.00

R-Factor (%): 4.66 **Temperature(K):** 291 **Density(g/cm³):** 2.787



DITMUP

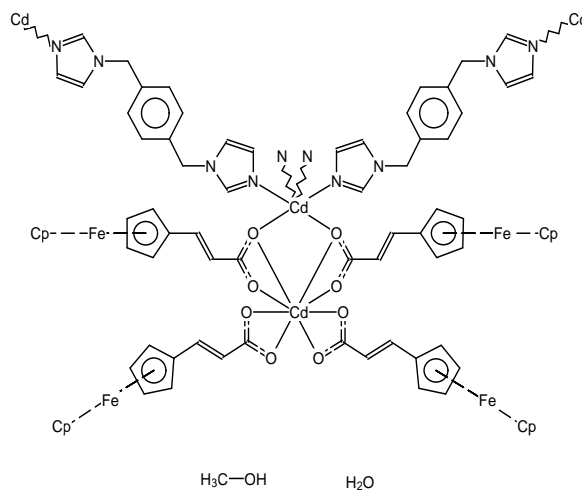
Reference: Xia Wang, Linke Li, Hongwei Hou, Jie Wu, Yaoting Fan (2007) *Eur.J.Inorg.Chem.*, 5234

Formula: $(C_{80}H_{72}Cd_2Fe_4N_8O_8)_n \cdot 2n(C_1H_4O_1)_n \cdot n(H_2O)_1$

Compound Name: catena-(bis(μ_2 -3-Ferrocenylprop-2-enoato-O,O')-bis(μ_2 -1,4-bis(imidazol-1-yl)methyl)benzene)-bis(3-ferrocenylprop-2-enoato-O,O')-di-cadmium(ii) methanol solvate monohydrate

Space Group: C2/c **Cell:** **a** 24.935(1) **b** 10.221(0) **c** 33.244(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 106.49(0) γ 90.00

R-Factor (%): 5.70 **Temperature(K):** 291 **Density(g/cm³):** 1.475



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 117-120

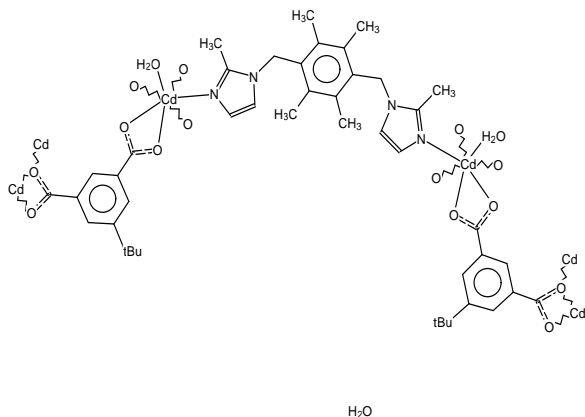
DIVPOP

Reference: Yajuan Mu, Yungen Ran, Guifang Qin, Xiaoli Ma, Lijing Hao, Zhidong Wei, Yanyan Niu, Hongxiao Lu (2013) *Inorg.Chem.Commun.* ,36,179

Formula: (C₄₄ H₅₄ Cd₂ N₄ O₁₀)_n.2n(H₂ O)₁

Compound Name: catena-[bis(μ₃-5-t-butylisophthalato)-(μ₂-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)bis(2-methyl-1H-imidazole))-diaqua-dicadmium dihydrate]

Space Group: P-1 **Cell:** a 8.564(1) b 10.185(2) c 14.087(3)
Space Group No.: 2 **(Å, °)** α 90.66(3) β 105.20(3) γ 100.67(3)
R-Factor (%): 3.04 **Temperature(K):** 293 **Density(g/cm³):** 1.513



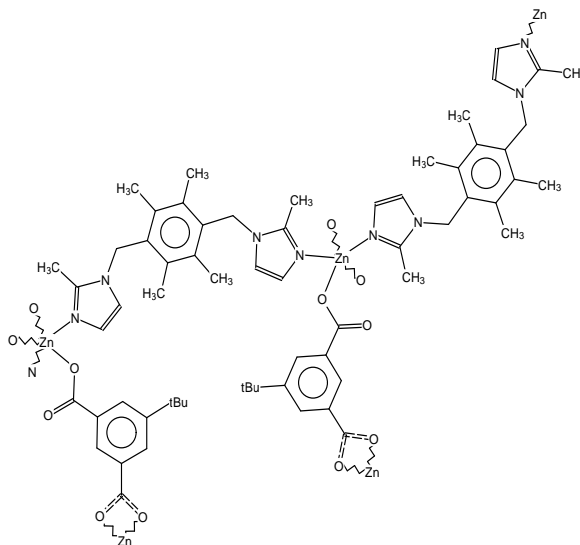
DIVPUV

Reference: Yajuan Mu, Yungen Ran, Guifang Qin, Xiaoli Ma, Lijing Hao, Zhidong Wei, Yanyan Niu, Hongxiao Lu (2013) *Inorg.Chem.Commun.* ,36,179

Formula: (C₆₄ H₇₆ N₈ O₈ Zn₂)_n

Compound Name: catena-[bis(μ₂-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)bis(2-methyl-1H-imidazole))-bis(μ₂-5-t-butylisophthalato)-di-zinc]

Space Group: C2/c **Cell:** a 25.309(5) b 14.766(3) c 18.403(4)
Space Group No.: 15 **(Å, °)** α 90.00 β 111.69(3) γ 90.00
R-Factor (%): 9.82 **Temperature(K):** 293 **Density(g/cm³):** 1.264



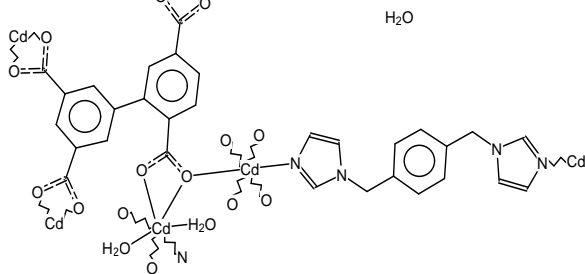
DIYWIT

Reference: Xin-Hong Chang, Ying Zhao, Min-Le Han, Lu-Fang Ma, Li-Ya Wang (2014) *CrystEngComm* ,

Formula: (C₃₀ H₂₄ Cd₂ N₄ O₁₀)_n.3n(H₂ O)₁

Compound Name: catena-[(μ₄-biphenyl-2,3',5,5'-tetracarboxylato)-(μ₂-1,1'-(1,4-phenylene)bis(methylene)bis(1H-imidazole))-diaqua-dicadmium trihydrate]

Space Group: P21/n **Cell:** a 11.128(5) b 14.055(6) c 22.979(10)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.99(0) γ 90.00
R-Factor (%): 3.05 **Temperature(K):** 296 **Density(g/cm³):** 1.675



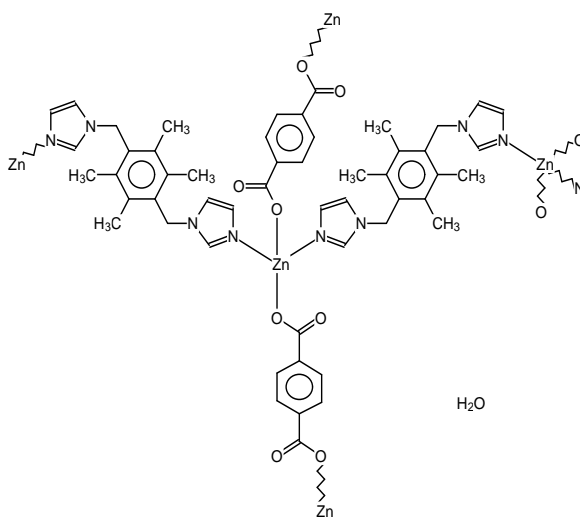
DOGZEF

Reference: A.Schaate, S.Klingelhofer, P.Behrens, M.Wiebecke (2008) *Cryst.Growth Des.* ,8,3200

Formula: (C₅₂ H₅₂ N₈ O₈ Zn₂)_n.3n(H₂ O)₁

Compound Name: catena-[bis(μ₂-benzene-1,4-dicarboxylato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene)-di-zinc(ii) trihydrate]

Space Group: P-1 **Cell:** a 9.152(3) b 12.333(4) c 13.340(6)
Space Group No.: 2 **(Å, °)** α 65.60(4) β 71.20(4) γ 76.03(4)
R-Factor (%): 3.22 **Temperature(K):** 298 **Density(g/cm³):** 1.421



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 121-124

DOGZIJ

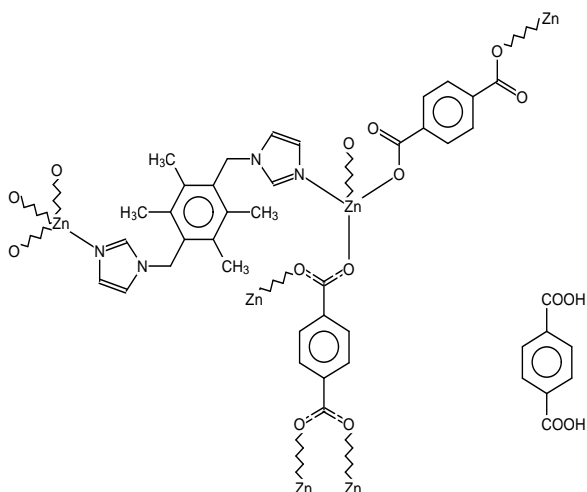
Reference: A.Schaate, S.Klingelhofer, P.Behrens, M.Wiebecke (2008) *Cryst.Growth Des.*, **8**,3200

Formula: (C₃₄H₃₀N₄O₈Zn₂)_n.n(C₈H₆O₄)

Compound Name: catena-((μ₄-benzene-1,4-dicarboxylato)-(μ₂-benzene-1,4-dicarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene)-di-zinc(ii) benzene-1,4-dicarboxylic acid)

Space Group: P-1 **Cell:** a 8.473(3) b 10.154(3) c 13.397(3)
Space Group No.: 2 **(Å, °)** α 68.21(3) β 78.64(3) γ 77.46(4)

R-Factor (%): 3.04 **Temperature(K):** 298 **Density(g/cm³):** 1.474



DUBZAC

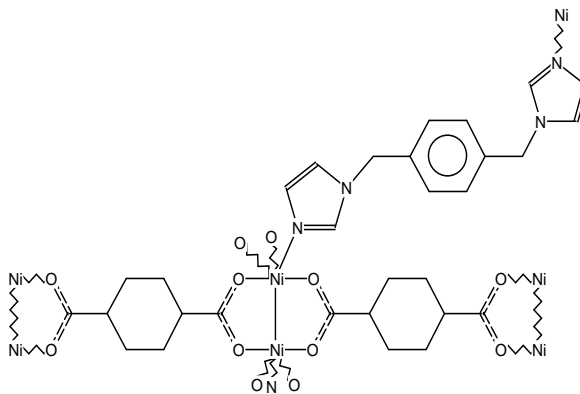
Reference: B.-B.Li, G.-X.Fang, X.-N.Ji, B.Xiao, E.R.T.Tiekink (2009) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **65**,m1012

Formula: (C₃₀H₃₄N₄Ni₂O₈)_n

Compound Name: catena-[[μ₂-1,4-bis(imidazol-1-ylmethyl)benzene]-bis(μ₄-cyclohexane-1,4-dicarboxylato)-di-nickel(ii)]

Space Group: P-1 **Cell:** a 8.497(0) b 8.808(0) c 10.733(0)
Space Group No.: 2 **(Å, °)** α 93.57(0) β 100.61(0) γ 105.81(0)

R-Factor (%): 5.20 **Temperature(K):** 293 **Density(g/cm³):** 1.532



DUCGUE

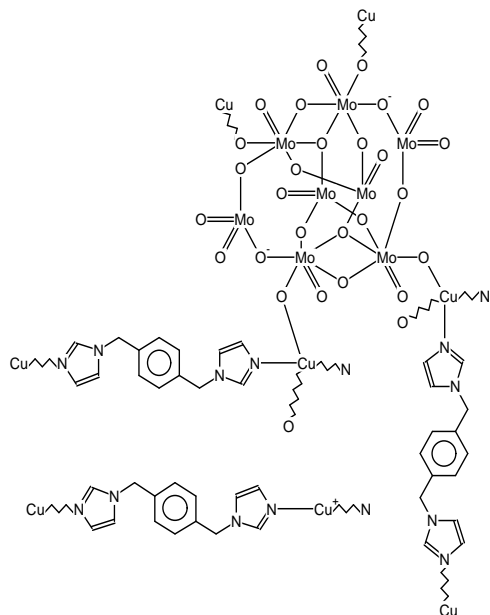
Reference: Bao-xia Dong, Qiang Xu (2009) *Inorg.Chem.*, **48**,5861

Formula: (C₂₈H₂₈Cu₂Mo₈N₈O₂₆)_n.2n(C₁₄H₁₄Cu₁N₄1⁺)

Compound Name: catena-(bis((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-copper(i)) δ-bis(μ₃-oxo)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-tetradecakis(μ₂-oxo)-decaoxo-di-copper(i)-octa-molybdenum(vi))

Space Group: P21/n **Cell:** a 12.740(3) b 22.950(5) c 13.030(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 109.03(3) γ 90.00

R-Factor (%): 3.19 **Temperature(K):** 293 **Density(g/cm³):** 2.205



DUCGUE01

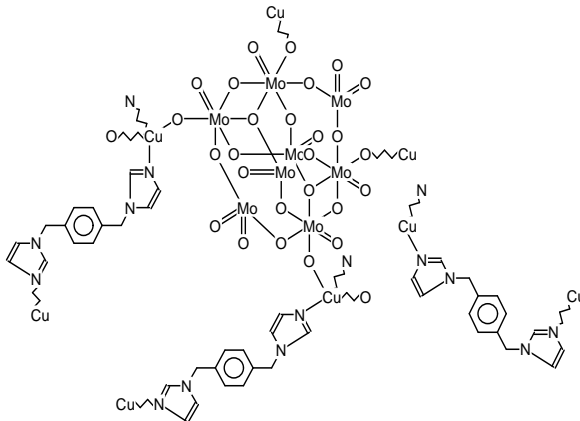
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2009) *Cryst.Growth Des.*, **9**,4116

Formula: (C₂₈H₂₈Cu₂Mo₈N₈O₂₆)_n.2n(C₁₄H₁₄Cu₁N₄)

Compound Name: catena-(bis((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-copper(i)) bis(μ₃-oxo)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-tetradecakis(μ₂-oxo)-decaoxo-di-copper(i)-octa-molybdenum(vi))

Space Group: P21/c **Cell:** a 12.669(3) b 22.816(5) c 14.893(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 124.44(2) γ 90.00

R-Factor (%): 3.06 **Temperature(K):** 150 **Density(g/cm³):** 2.236



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 125-128

DUCHAL

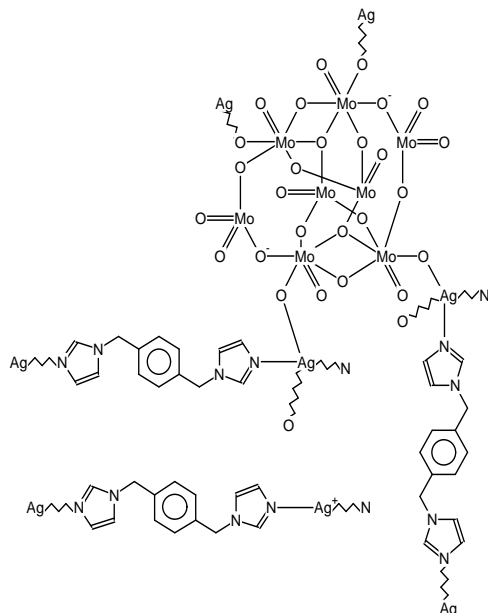
Reference: Bao-xia Dong, Qiang Xu (2009) *Inorg.Chem.* ,48,5861

Formula: (C₂₈ H₂₈ Ag₂ Mo₈ N₈ O₂₆ ²⁻)_n·2n(C₁₄ H₁₄ Ag₁ N₄ ¹⁺)

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-silver(I)) δ-bis(μ₃-oxo)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-tetradecakis(μ₂-oxo)-decaoxo-octa-molybdenum(VI)-di-silver(II)

Space Group: P2₁/n **Cell:** a 12.700(3) b 23.150(5) c 13.200(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 108.10(3) γ 90.00

R-Factor (%): 5.91 **Temperature(K):** 293 **Density(g/cm³):** 2.312



ECALEA

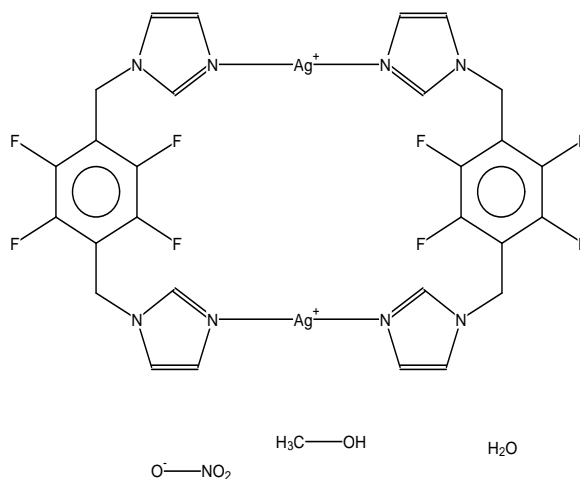
Reference: Ye Gao, B.Twamley, J.M.Shreeve (2006) *Inorg.Chem.* ,45, 1150

Formula: C₂₈ H₂₀ Ag₂ F₈ N₈ 2⁺·2(N₁ O₃ ¹⁻)·C₁ H₄ O₁·H₂ O₁

Compound Name: bis(μ₂-2,3,5,6-Tetrafluoro-1,4-bis(imidazol-1-ylmethyl)benzene)-di-silver(I) dinitrate methanol solvate monohydrate

Space Group: P2₁/n **Cell:** a 5.860(0) b 13.293(0) c 24.082(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.76(0) γ 90.00

R-Factor (%): 4.93 **Temperature(K):** 86 **Density(g/cm³):** 1.790



ECALIE

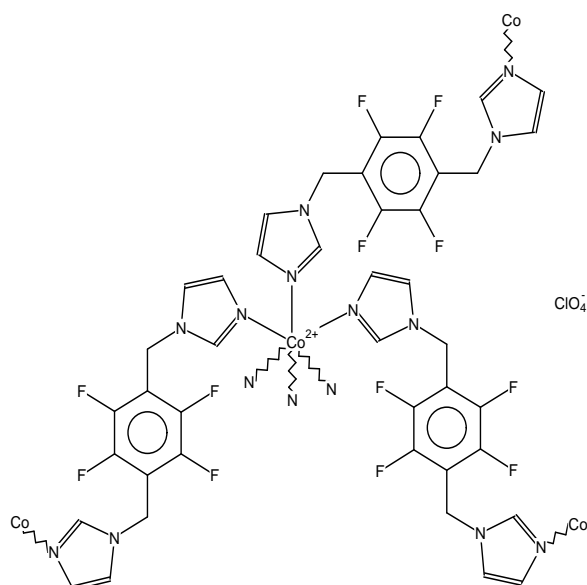
Reference: Ye Gao, B.Twamley, J.M.Shreeve (2006) *Inorg.Chem.* ,45, 1150

Formula: (C₄₂ H₃₀ Co₁ F₁₂ N₁₂ O₂ ²⁺)_n·2n(Cl₁ O₄ ¹⁻)

Compound Name: catena-[tris(μ₂-2,3,5,6-Tetrafluoro-1,4-bis(imidazol-1-ylmethyl)benzene)-cobalt(II) diperchlorate]

Space Group: Cc **Cell:** a 13.699(1) b 23.884(1) c 15.140(1)
Space Group No.: 9 **(Å, °)** α 90.00 β 103.59(0) γ 90.00

R-Factor (%): 5.04 **Temperature(K):** 86 **Density(g/cm³):** 1.640



ECALOK

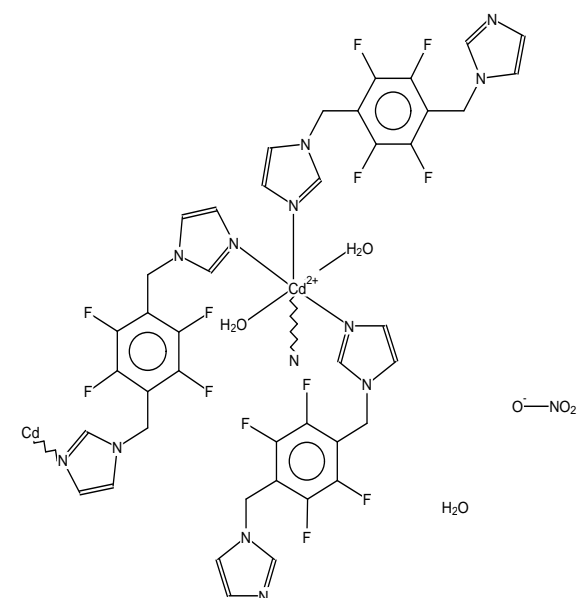
Reference: Ye Gao, B.Twamley, J.M.Shreeve (2006) *Inorg.Chem.* ,45, 1150

Formula: (C₄₂ H₃₄ Cd₁ F₁₂ N₁₂ O₂ ²⁺)_n·2n(N₁ O₃ ¹⁻)·2n(H₂ O₁)

Compound Name: catena-[(μ₂-2,3,5,6-Tetrafluoro-1,4-bis(imidazol-1-ylmethyl)benzene)-diaqua-bis(2,3,5,6-tetrafluoro-1,4-bis(imidazol-1-ylmethyl)benzene)-cadmium(II) dinitrate dihydrate]

Space Group: P-1 **Cell:** a 10.225(0) b 11.584(0) c 12.196(0)
Space Group No.: 2 **(Å, °)** α 103.94(0) β 103.60(0) γ 112.74(0)

R-Factor (%): 3.45 **Temperature(K):** 87 **Density(g/cm³):** 1.711



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 129-132

ECALUQ

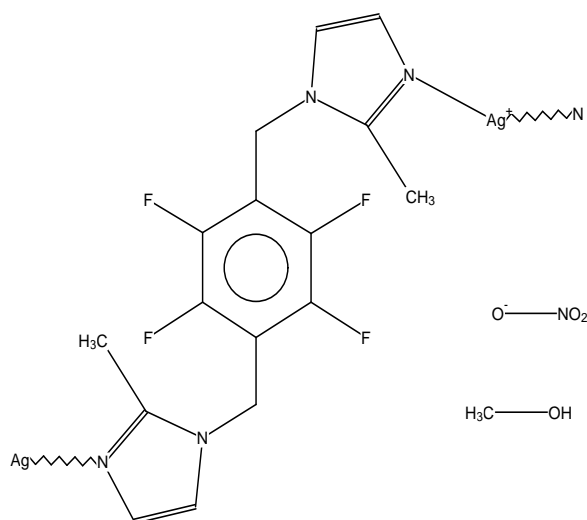
Reference: Ye Gao, B.Twamley, J.M.Shreeve (2006) *Inorg.Chem.*, **45**, 1150

Formula: $(C_{16}H_{14}Ag_1F_4N_4^{1+})_n \cdot n(N_1O_3^{1-}) \cdot 1.5n(C_1H_4O_1)$

Compound Name: catena-[(μ_2 -2,3,5,6-Tetrafluoro-1,4-bis(2-methylimidazol-1-ylmethyl)benzene)-silver(i) nitrate methanol solvate]

Space Group: C2/c **Cell:** **a** 17.583(0) **b** 10.600(0) **c** 23.155(1)
Space Group No.: 15 **(Å,°)** α 90.00 β 105.41(0) γ 90.00

R-Factor (%): 3.39 **Temperature(K):** 87 **Density(g/cm³):** 1.776



ECUVAB

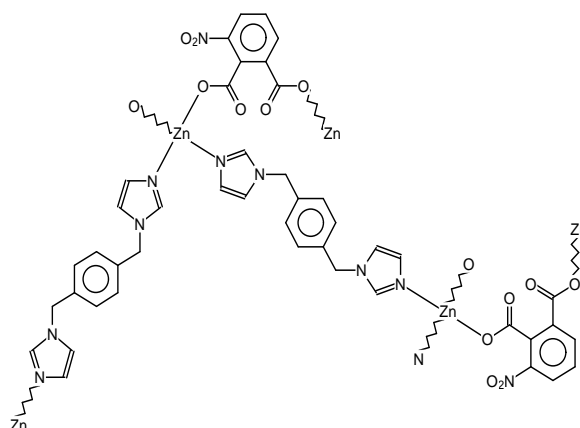
Reference: Pengfei Wang, Guozhi Wu, Ruixia Wang, Xin Wang (2012) *J.Inorg.Organomet.Polym.Mater.*, **22**,1028

Formula: $(C_{44}H_{34}N_{10}O_{12}Zn_2)_n$

Compound Name: catena-(bis(μ_2 -3-Nitrophthalato)-bis(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc(ii))

Space Group: P-1 **Cell:** **a** 9.375(1) **b** 10.143(1) **c** 12.154(1)
Space Group No.: 2 **(Å,°)** α 103.11(0) β 108.91(0) γ 98.67(0)

R-Factor (%): 3.24 **Temperature(K):** 293 **Density(g/cm³):** 1.649



EFULUN

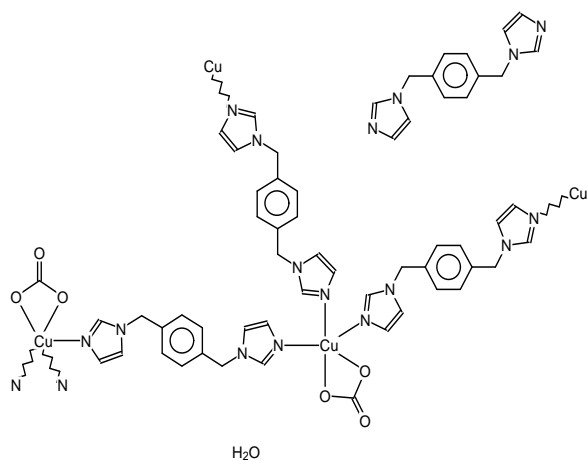
Reference: Yu-Mei Dai, En Tang, Jin-Feng Huang, Qiu-Yan Yang (2008) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, **64**,m349

Formula: $(C_{44}H_{42}Cu_2N_{12}O_6)_n \cdot n(C_{14}H_{14}N_4) \cdot 10n(H_2O_1)$

Compound Name: catena-(tris(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene)-bis(carbonato)-di-copper(ii) 1,4-bis(imidazol-1-ylmethyl)benzene solvate decahydrate)

Space Group: P-1 **Cell:** **a** 12.229(0) **b** 12.498(0) **c** 12.951
Space Group No.: 2 **(Å,°)** α 103.76(1) β 98.73(1) γ 118.77(0)

R-Factor (%): 4.66 **Temperature(K):** 293 **Density(g/cm³):** 1.432



EFULUN01

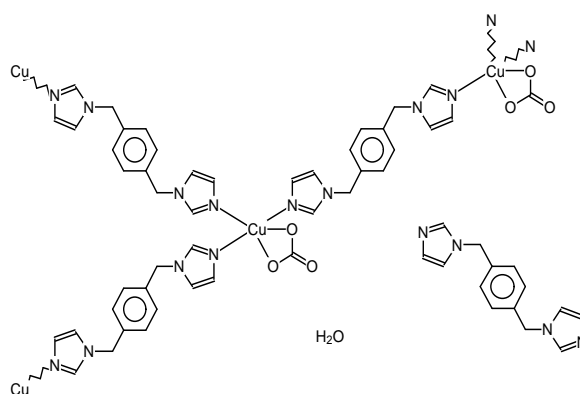
Reference: Jin Yang, Jian-Fang Ma, Ying-Ying Liu, Ji-Cheng Ma, S.R.Batten (2008) *Cryst.Growth Des.*, **8**,4383

Formula: $(C_{44}H_{42}Cu_2N_{12}O_6)_n \cdot n(C_{14}H_{14}N_4) \cdot 10n(H_2O_1)$

Compound Name: catena-(tris(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-bis(carbonato-O,O')-di-copper(ii) 1,4-bis(imidazol-1-ylmethyl)benzene decahydrate)

Space Group: P-1 **Cell:** **a** 12.245(2) **b** 12.559(3) **c** 12.983(3)
Space Group No.: 2 **(Å,°)** α 103.75(3) β 98.64(3) γ 118.67(3)

R-Factor (%): 5.00 **Temperature(K):** 293 **Density(g/cm³):** 1.417



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 133-136

ESOYAN

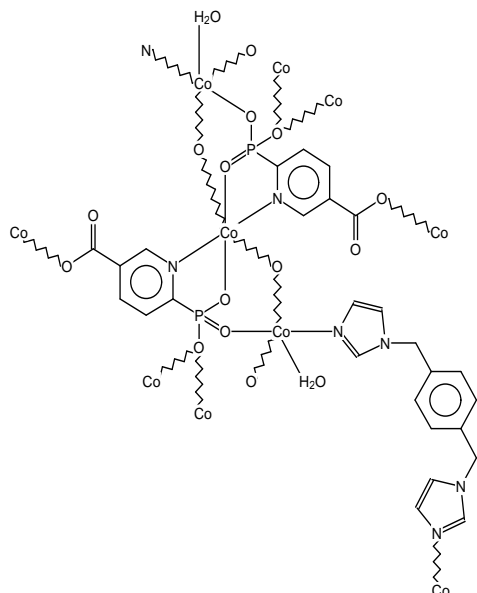
Reference: Peng-Fei Wang, Yan Duan, J.M.Clemente-Juan, You Song, Kang Qian, Song Gao, Li-Min Zheng (2011) *Chem.-Eur.J.*, **17**,3579

Formula: (C₂₆H₂₄Co₃N₆O₁₂P₂)_n

Compound Name: catena-(bis(μ₅-6-phosphonatopyridine-3-carboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-tri-cobalt(ii))

Space Group: P2₁/c **Cell:** a 4.905(1) b 16.066(5) c 18.814(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.30(0) γ 90.00

R-Factor (%): 3.10 **Temperature(K):** 291 **Density(g/cm³):** 1.908



ETEDIR

Reference: Shun-Li Li, Ke Tan, Ya-Qian Lan, Jun-Sheng Qin, Mei-Na Li, Dong-Ying Du, Zhong-Min Su (2011) *CrystEngComm*, **13**, 4945

Formula: (C₁₇₄H₁₄₄N₂₄O₃₀Zn₆)_n·7n(H₂O)

Compound Name: catena-(hexakis(μ₂-4-(4-Carboxylatobenzyloxy)benzoato)-hexakis(μ₂-4,4'-bis(imidazol-1-ylmethyl)benzene)-hexa-zinc heptahydrate)

Space Group: P-1 **Cell:** a 11.385(5) b 11.484(5) c 32.225(5)
Space Group No.: 2 **(Å, °)** α 95.42(0) β 98.06(0) γ 96.03(0)

R-Factor (%): 5.51 **Temperature(K):** 293 **Density(g/cm³):** 1.438



EVEBUD

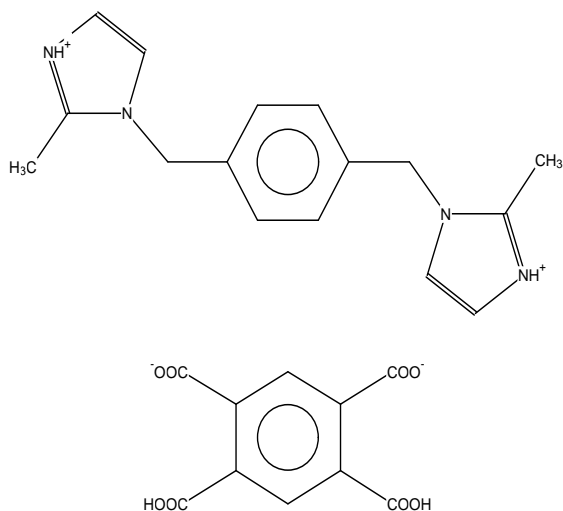
Reference: Gui-Ying Dong, Tong-Fei Liu, Cui-Hong He, Xiao-Chen Deng, Xiao-Ge Shi (2011) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **67**,o1696

Formula: C₁₆H₂₀N₄²⁺·C₁₀H₄O₈²⁻·H₂O

Compound Name: 1,1'-[1,4-Phenylenebis(methylene)]bis(2-methyl-1H-imidazol-3-ium) 2,4-dicarboxybenzene-1,5-dicarboxylate monohydrate

Space Group: P2₁/c **Cell:** a 9.714(1) b 19.428(4) c 13.856(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.39(3) γ 90.00

R-Factor (%): 7.25 **Temperature(K):** 295 **Density(g/cm³):** 1.379



H₂O

EWAXOP

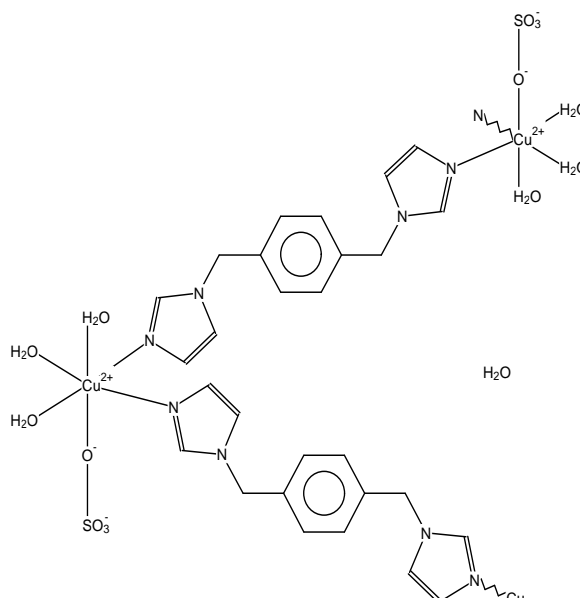
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, L.Spadacini (2004) *CrystEngComm*, **6**,96

Formula: (C₂₈H₄₀Cu₂N₈O₁₄S₂)_n·2n(H₂O)

Compound Name: catena-(bis((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-sulfonato-triaqua-copper) dihydrate)

Space Group: P-1 **Cell:** a 7.960(5) b 10.122(5) c 12.782(5)
Space Group No.: 2 **(Å, °)** α 67.23(0) β 84.41(0) γ 80.78(0)

R-Factor (%): 3.14 **Temperature(K):** 293 **Density(g/cm³):** 1.666



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 137-140

EWAXUV

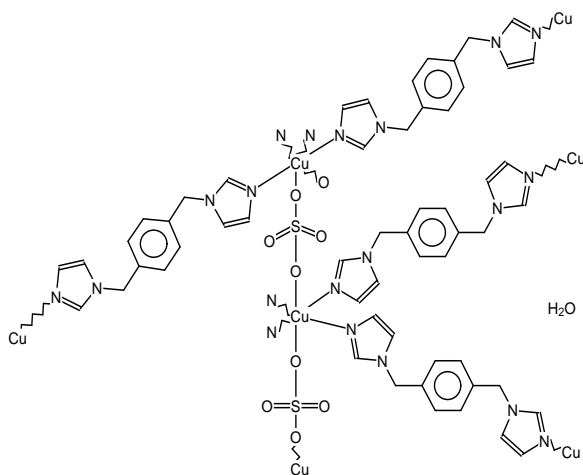
Reference: L.Carlucci, G.Ciani, D.M.Proserpio, L.Spadacini (2004)
CrystEngComm, 6,96

Formula: (C₅₆ H₅₆ Cu₂ N₁₆ O₈ S₂)_n·15n(H₂O)₁

Compound Name: catena-(tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-sulfonato)-di-copper pentadecahydrate)

Space Group: C2/c **Cell:** **a** 23.548(11) **b** 18.524(8) **c** 16.469(8)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 102.01(1) **γ** 90.00

R-Factor (%): 8.84 **Temperature(K):** 293 **Density(g/cm³):** 1.458



EWUQOD

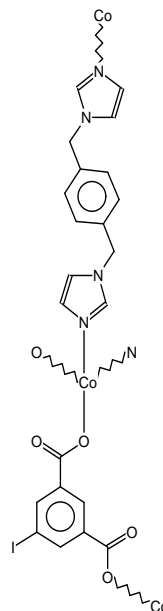
Reference: Shuang-Quan Zang, Ya-Juan Fan, Jia-Bin Li, Hong-Wei Hou, T.C.W.Mak (2011) *Cryst.Growth Des.*, 11,3395

Formula: (C₂₂ H₁₇ Co₁ I₁ N₄ O₄)_n

Compound Name: catena-(μ₂-5-iodoisophthalato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-cobalt)

Space Group: P21/c **Cell:** **a** 10.220(10) **b** 14.560(10) **c** 15.010(10)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 104.85(2) **γ** 90.00

R-Factor (%): 5.45 **Temperature(K):** 296 **Density(g/cm³):** 1.807



FAKGUV

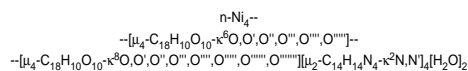
Reference: Wei-Qiu Kan, Jian-Fang Ma, Bo Liu, Jin Yang (2012)
CrystEngComm, 14,286

Formula: (C₉₂ H₈₀ Ni₄ O₂₂)_n·2n(H₂O)₁

Compound Name: catena-(bis(μ₄-5,5'-(ethane-1,2-diybis(oxy))diisophthalato)-tetra(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-tetra-nickel(ii) dihydrate)

Space Group: P21/c **Cell:** **a** 7.429 **b** 24.143 **c** 24.275
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 96.58 **γ** 90.00

R-Factor (%): 3.08 **Temperature(K):** 293 **Density(g/cm³):** 1.561



FAKHAC

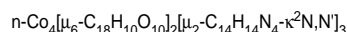
Reference: Wei-Qiu Kan, Jian-Fang Ma, Bo Liu, Jin Yang (2012)
CrystEngComm, 14,286

Formula: (C₇₈ H₆₂ Co₄ N₁₂ O₂₀)_n·5n(H₂O)₁

Compound Name: catena-(bis(μ₄-5,5'-(ethane-1,2-diybis(oxy))diisophthalato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetra-cobalt(ii) pentahydrate)

Space Group: P-1 **Cell:** **a** 12.686(0) **b** 13.387(1) **c** 13.460(0)
Space Group No.: 2 **(Å, °)** **α** 91.59(0) **β** 100.89(0) **γ** 115.56(0)

R-Factor (%): 4.62 **Temperature(K):** 293 **Density(g/cm³):** 1.498



H₂O

H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 141-144

FAKPEO

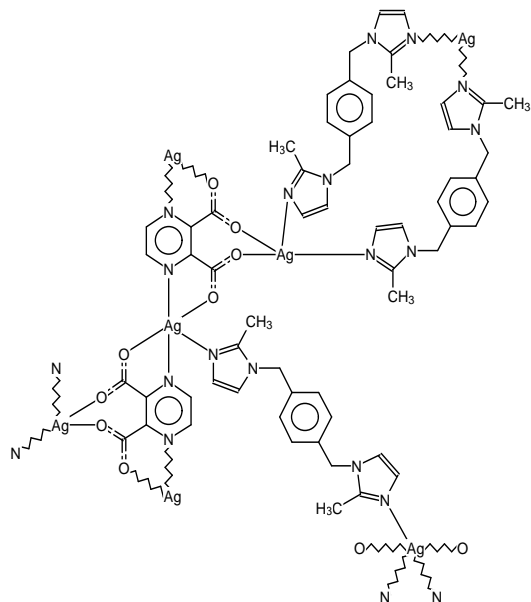
Reference: Fu-Jing Liu, Di Sun, Hong-Jun Hao, Rong-Bin Huang, Lan-Sun Zheng (2012) *CrystEngComm* ,14,379

Formula: (C₆₀ H₅₈ Ag₄ N₁₆ O₈)_n.6n(H₂ O₁)

Compound Name: catena-(bis(μ₃-pyrazine-2,3-dicarboxylato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-tetra-silver hexahydrate)

Space Group: C2/c **Cell:** a 25.317(12) b 9.877(5) c 26.864(12)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 104.38(1) γ 90.00

R-Factor (%): 6.71 **Temperature(K):** 173 **Density(g/cm³):** 1.706



FAKPOY

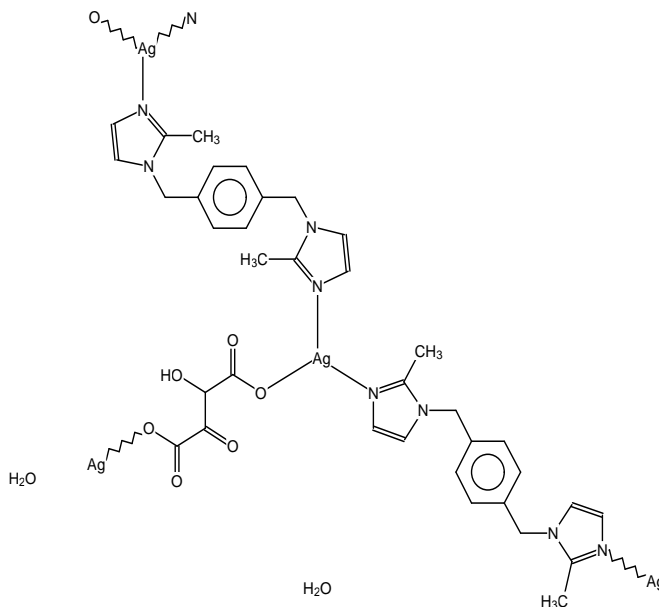
Reference: Fu-Jing Liu, Di Sun, Hong-Jun Hao, Rong-Bin Huang, Lan-Sun Zheng (2012) *CrystEngComm* ,14,379

Formula: (C₃₆ H₃₈ Ag₂ N₈ O₆)_n.n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-(μ₂-2-hydroxybutanedioate)-di-silver monohydrate)

Space Group: C2 **Cell:** a 18.193(8) b 11.273(5) c 8.606(4)
Space Group No.: 5 **Cell:** (Å, °) α 90.00 β 91.27(0) γ 90.00

R-Factor (%): 5.43 **Temperature(K):** 273 **Density(g/cm³):** 1.717



FARTUO

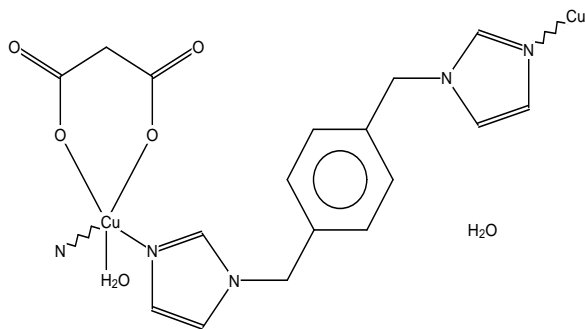
Reference: S.K.Chawla, M.Arora, K.Nattinen, K.Rissanen, J.V.Yakhmi (2004) *Polyhedron* ,23,3007

Formula: (C₁₇ H₁₈ Cu₁ N₄ O₉)_n.2n(H₂ O₁)

Compound Name: catena-((μ₂-1,4-bis(Imidazolylmethyl)benzene-N,N')-aqua-(malonato-O, O')-copper(ii) dihydrate)

Space Group: P212121 **Cell:** a 8.571(0) b 16.022(0) c 27.569(0)
Space Group No.: 19 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.46 **Temperature(K):** 173 **Density(g/cm³):** 1.607



FARVAW

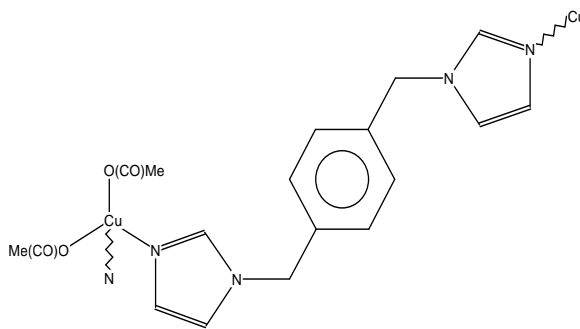
Reference: S.K.Chawla, M.Arora, K.Nattinen, K.Rissanen, J.V.Yakhmi (2004) *Polyhedron* ,23,3007

Formula: (C₁₈ H₂₀ Cu₁ N₄ O₄)_n

Compound Name: catena-((μ₂-anti-1,4-bis(Imidazolylmethyl)benzene-N,N')-bis(acetato-O)-copper(ii))

Space Group: P1 **Cell:** a 8.336(5) b 10.253(5) c 10.893(5)
Space Group No.: 1 **Cell:** (Å, °) α 85.14(0) β 89.66(0) γ 85.96(0)

R-Factor (%): 4.05 **Temperature(K):** 293 **Density(g/cm³):** 1.507



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 145-148

FARVEA

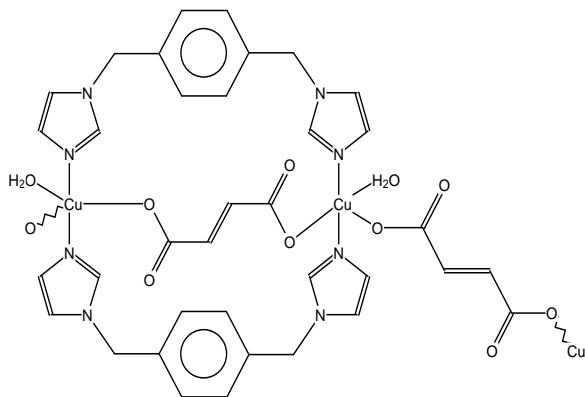
Reference: S.K.Chawla, M.Arora, K.Nattinen, K.Rissanen, J.V.Yakhmi (2004) *Polyhedron*, **23**,3007

Formula: (C₃₆ H₃₆ Cu₂ N₈ O₁₀)_n

Compound Name: catena-(bis(μ₂-1,4-bis(imidazolylmethyl)benzene-N,N')-(μ₂-fumarato-O, O')-aqua-copper(ii))

Space Group: C2/c **Cell:** *a* 29.808(6) *b* 8.287(1) *c* 16.608(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 116.24(3) γ 90.00

R-Factor (%): 6.14 **Temperature(K):** 173 **Density(g/cm³):** 1.566



FAZZOW

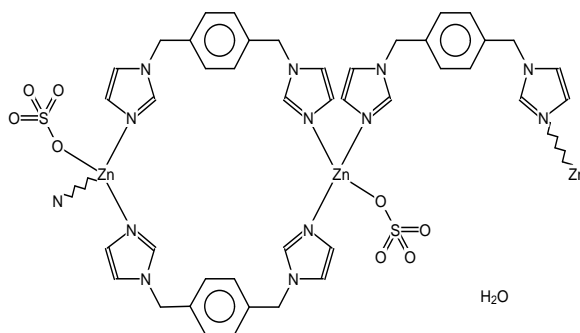
Reference: L.Carlucci, G.Ciani, D.M.Proserpio (2005) *Cryst.Growth Des.*, **5**,37

Formula: (C₄₂ H₄₂ N₁₂ O₈ S₂ Zn₂)_n.8n(H₂ O)₁

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(sulfonato)-di-zinc(ii) octahydrate)

Space Group: P21/n **Cell:** *a* 15.796(3) *b* 13.704(3) *c* 24.555(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.42(0) γ 90.00

R-Factor (%): 8.84 **Temperature(K):** 293 **Density(g/cm³):** 1.478



FAZZUC

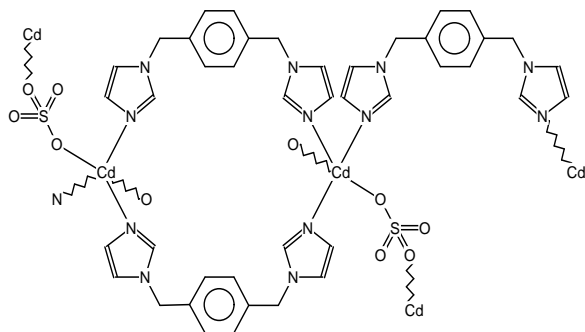
Reference: L.Carlucci, G.Ciani, D.M.Proserpio (2005) *Cryst.Growth Des.*, **5**,37

Formula: (C₄₂ H₄₂ Cd₂ N₁₂ O₈ S₂)_n

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-sulfonato)-di-cadmium(ii))

Space Group: P21/n **Cell:** *a* 13.813(1) *b* 11.176(0) *c* 14.401(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.37(0) γ 90.00

R-Factor (%): 2.34 **Temperature(K):** 293 **Density(g/cm³):** 1.701



FEBBAQ

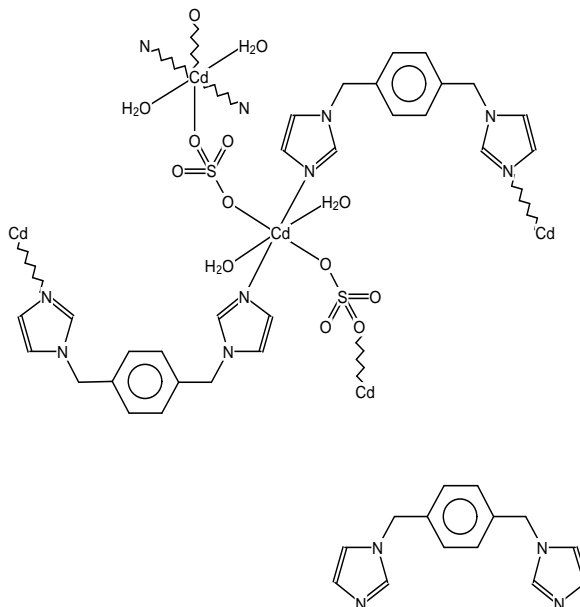
Reference: L.Carlucci, G.Ciani, D.M.Proserpio (2005) *Cryst.Growth Des.*, **5**,37

Formula: (C₂₈ H₃₆ Cd₂ N₈ O₁₂ S₂)_n.n(C₁₄ H₁₄ N₄)

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-sulfonato)-tetraaqua-di-cadmium(ii) 1,4-bis(imidazol-1-ylmethyl)benzene)

Space Group: P21/c **Cell:** *a* 10.132(0) *b* 18.624(1) *c* 12.604(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 100.30(0) γ 90.00

R-Factor (%): 2.86 **Temperature(K):** 293 **Density(g/cm³):** 1.709



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 149-152

FESBEM

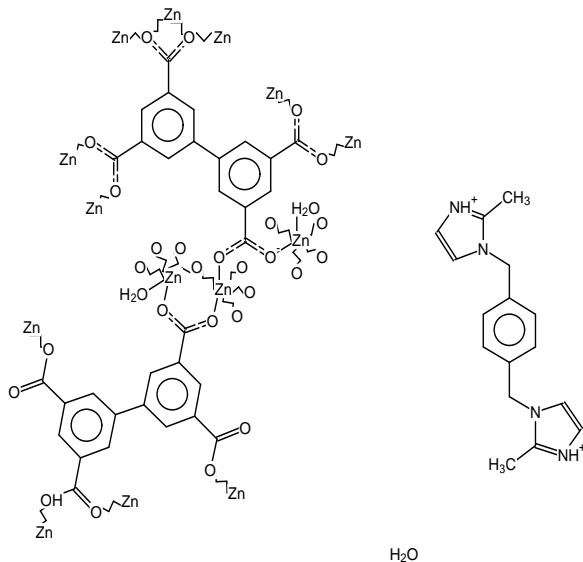
Reference: Xiutang Zhang, Liming Fan, Zhong Sun, Wei Zhang, Dacheng Li, Jianmin Dou, Lei Han (2013) *Cryst. Growth Des.*, **13**,792

Formula: (C₃₂ H₁₇ O₁₈ Zn₃¹⁻)_n · 0.5n(C₁₆ H₂₀ N₄²⁺)_n · (H₂ O)₁

Compound Name: catena-((μ₃-3,3',5,5'-Biphenyltetracarboxylato)-(μ₆-hydrogen 3,3',5,5'-biphenyltetracarboxylato)-diaqua-tri-zinc hemikis(4,4'-bis(2-methylimidazol-3-ium-1-yl)benzene) monohydrate)

Space Group: P-1 **Cell:** a 11.360(3) b 11.799(4) c 16.350(5)
Space Group No.: 2 **Cell:** (Å, °) α 74.02(0) β 82.91(0) γ 63.63(0)

R-Factor (%): 6.73 **Temperature(K):** 296 **Density(g/cm³):** 1.826



FEYTUZ

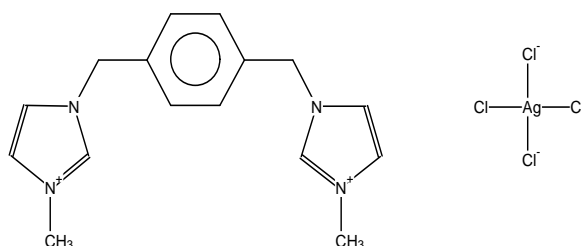
Reference: Jun-Wen Wang, Feng-Bo Xu, Qing-Shan Li, Hai-Bin Song, Zheng-Zhi Zhang (2005) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **61**,m367

Formula: 3(C₁₆ H₂₀ N₄²⁺)₂ · 2(Ag₁ Cl₄³⁻)

Compound Name: 3,3'-(p-Phenylenedimethylene)-bis(1-methylimidazolium) tetrachloroargentate(i)

Space Group: P21/n **Cell:** a 9.111(3) b 18.921(7) c 16.536(5)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 92.37(0) γ 90.00

R-Factor (%): 5.06 **Temperature(K):** 293 **Density(g/cm³):** 1.521



FIBCUQ

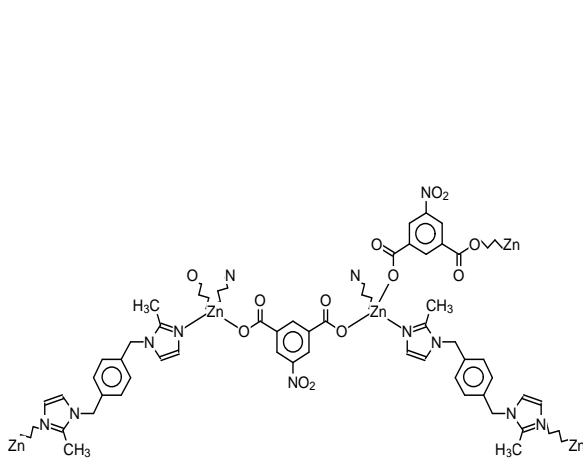
Reference: Jing-Tao Shi, Chun-Sheng Zhou, Yong-Liang Liu, Zhi-Guo Fang, Rui-Li Zhao, Li-Li Xu, Ke-Fen Yue (2013) *Z. Anorg. Allg. Chem.*, **639**,187

Formula: (C₄₈ H₄₂ N₁₀ O₁₂ Zn₂)_n

Compound Name: catena-[bis(μ₂-5-Nitroisophthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-zinc(ii)]

Space Group: P2/c **Cell:** a 17.795(6) b 7.305(2) c 24.447(6)
Space Group No.: 13 **Cell:** (Å, °) α 90.00 β 133.22(1) γ 90.00

R-Factor (%): 5.68 **Temperature(K):** 150 **Density(g/cm³):** 1.551



FIQYOV

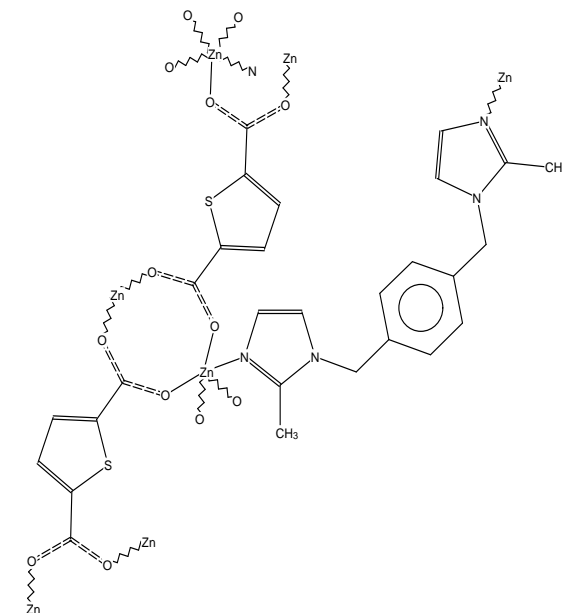
Reference: Juan Gao (2014) *Synth. React. Inorg., Met.-Org., Nano-Met. Chem.*, **44**,389

Formula: (C₂₈ H₂₂ N₄ O₈ S₂ Zn₂)_n

Compound Name: catena-[bis(μ₄-Thiophene-2,5-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-zinc(ii)]

Space Group: C2/c **Cell:** a 14.215(2) b 16.579(3) c 14.711(3)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 90.82(0) γ 90.00

R-Factor (%): 5.35 **Temperature(K):** 293 **Density(g/cm³):** 1.413



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 153-156

FIRHAR

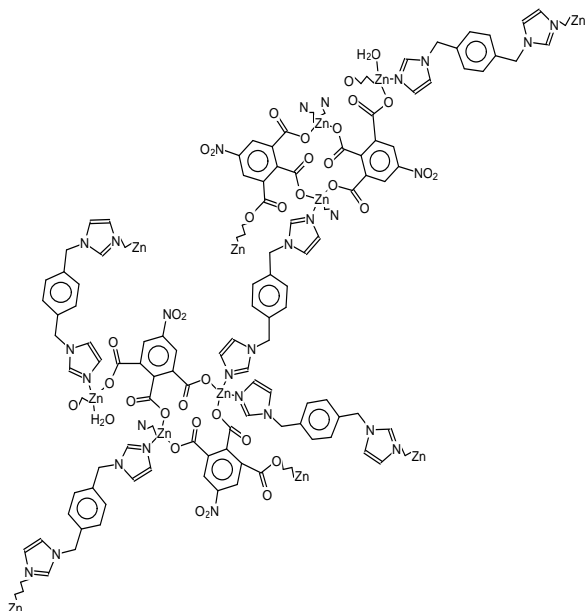
Reference: Zhen-Zhen Shi, Lu-Fang Ma, Xiao-Jie Wu, Fei-Fei Li (2014) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,**44**,598

Formula: (C₁₀₆ H₈₂ N₂₄ O₃₄ Zn₆)_n

Compound Name: catena-(tetrakis(μ₃-5-Nitrobenzene-1,2,3-tricarboxylato)-pentakis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-hexa-zinc)

Space Group: P-1 **Cell:** a 9.919(6) b 12.997(8) c 22.679(13)
Space Group No.: 2 **(Å, °)** α 76.09(0) β 81.43(0) γ 80.17(0)

R-Factor (%): 8.32 **Temperature(K):** 296 **Density(g/cm³):** 1.571



FIXZUI

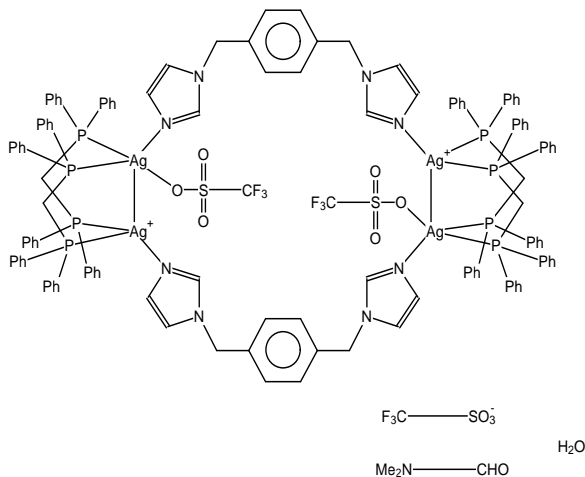
Reference: Xing-qiang Lu, Li Zhang, Chun-long Chen, Hai-yan Tan, Bei-sheng Kang (2004) *Zhongshan Daxue Xuebao Ziran Kexueban(Chin.)(Acta Scient.Nat.Univ.Sunyatseni)* ,**43**,109

Formula: C₁₃₀ H₁₁₆ Ag₄ F₆ N₈ O₆ P₈ S₂ 2⁺·2(C₁ F₃ O₃ S₁ 1⁻)·2(C₃ H₇ N₁ O₁)₂(H₂ O₁)

Compound Name: bis(μ₂-1,4-bis(imidazol-1-yl)xylylene)-tetrakis(μ₂-bis(diphenylphosphino) methane)-bis(trifluoromethanesulfonato)-tetra-silver(I) bis(trifluoromethanesulfonate) dimethylformamide solvate dihydrate

Space Group: P-1 **Cell:** a 13.398(10) b 16.078(12) c 17.437(13)
Space Group No.: 2 **(Å, °)** α 79.52(1) β 85.54(1) γ 84.75(1)

R-Factor (%): 5.99 **Temperature(K):** 298 **Density(g/cm³):** 1.458



FIYBAR

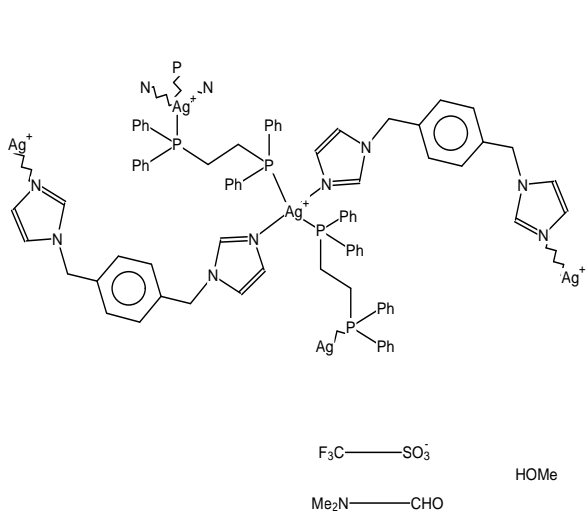
Reference: Xing-qiang Lu, Li Zhang, Chun-long Chen, Hai-yan Tan, Bei-sheng Kang (2004) *Zhongshan Daxue Xuebao Ziran Kexueban(Chin.)(Acta Scient.Nat.Univ.Sunyatseni)* ,**43**,109

Formula: (C₈₀ H₇₆ Ag₂ N₈ P₄ 2⁺)_n·2n(C₁ F₃ O₃ S₁ 1⁻)·2n(C₃ H₇ N₁ O₁)·2n(C₁ H₄ O₁)

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-yl)xylylene)-bis(μ₂-1,2-bis(diphenylphosphino)ethane)-di-silver(I) bis(trifluoromethanesulfonate) dimethylformamide methanol solvate)

Space Group: P-1 **Cell:** a 11.850(5) b 14.219(6) c 14.879(6)
Space Group No.: 2 **(Å, °)** α 91.01(0) β 91.93(0) γ 112.39(0)

R-Factor (%): 8.15 **Temperature(K):** 293 **Density(g/cm³):** 1.433



FOQBAP

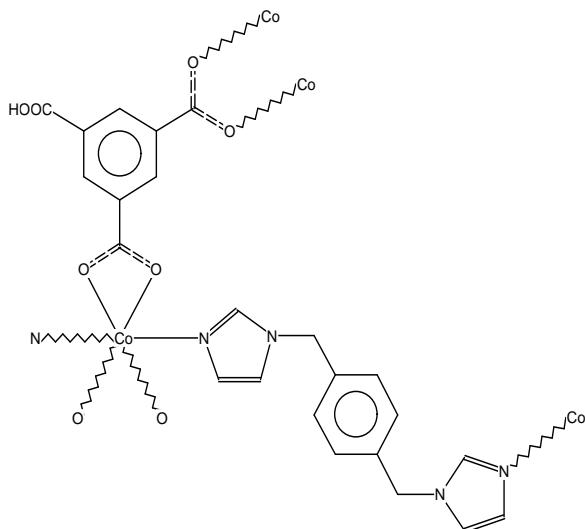
Reference: Min Liu, Xueping Li, Juan Li, Wenhao Sun, Zhipei Yang, Fangbing Gong, Jun Chen, Jinshi Ma, Guoqiang Yang (2009) *Transition Met.Chem.* ,**34**,185

Formula: (C₂₃ H₁₈ Co₁ N₄ O₆)_n

Compound Name: catena-((μ₃-Hydrogen benzene-1,3,5-tricarboxylato-O,O',O'')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-cobalt(II))

Space Group: P-1 **Cell:** a 8.166(1) b 10.025(1) c 12.881(1)
Space Group No.: 2 **(Å, °)** α 96.66(0) β 99.94(0) γ 92.07(0)

R-Factor (%): 2.48 **Temperature(K):** 293 **Density(g/cm³):** 1.630



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 157-160

FOQBET

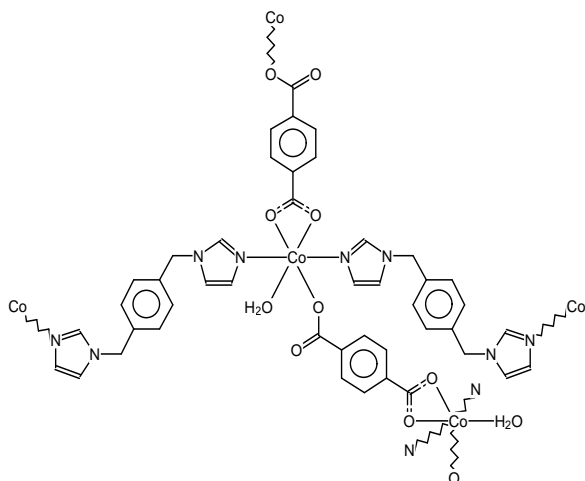
Reference: Min Liu, Xuping Li, Juan Li, Wenhao Sun, Zhipei Yang, Fangbing Gong, Jun Chen, Jinshi Ma, Guoqiang Yang (2009) *Transition Met. Chem.* ,34,185

Formula: (C₄₄ H₄₀ Co₂ N₈ O₁₀)_n

Compound Name: catena-(bis(μ₂-Benzene-1,4-dicarboxylato-O,O',O'')-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-diaqua-di-cobalt(ii))

Space Group: P21/c **Cell:** a 15.473(1) b 6.518(0) c 20.280(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.41(0) γ 90.00

R-Factor (%): 4.01 **Temperature(K):** 293 **Density(g/cm³):** 1.567



GAKNIR

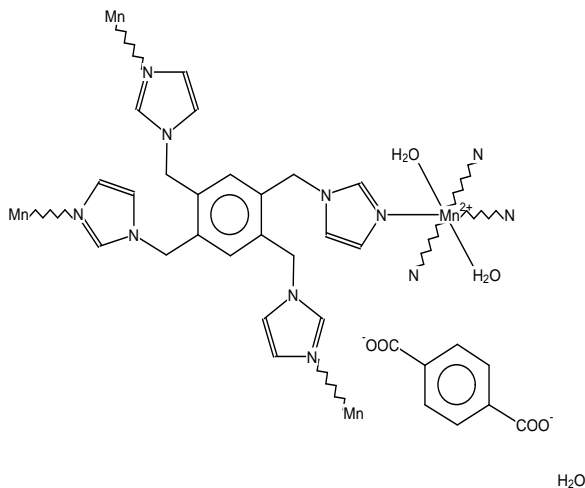
Reference: Qin Hua, Zhi Su, Yue Zhao, T.Okamura, Guan-Cheng Xu, Wei-Yin Sun, N.Ueyama (2010) *Inorg.Chim.Acta* ,363,3550

Formula: (C₂₂ H₂₆ Mn₁ N₈ O₂²⁺)_n.n(C₈ H₄ O₄²⁻).2n(H₂ O₁)

Compound Name: catena-[(μ₄-1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene-N³,N^{3'},N^{3''},N^{3'''})-diaqua-manganese(ii) benzene-1,4-dicarboxylate dihydrate]

Space Group: P-1 **Cell:** a 8.153(1) b 9.159(2) c 11.196(3)
Space Group No.: 2 **(Å, °)** α 86.78(0) β 87.54(0) γ 64.48(0)

R-Factor (%): 3.38 **Temperature(K):** 200 **Density(g/cm³):** 1.520



GAKNOX

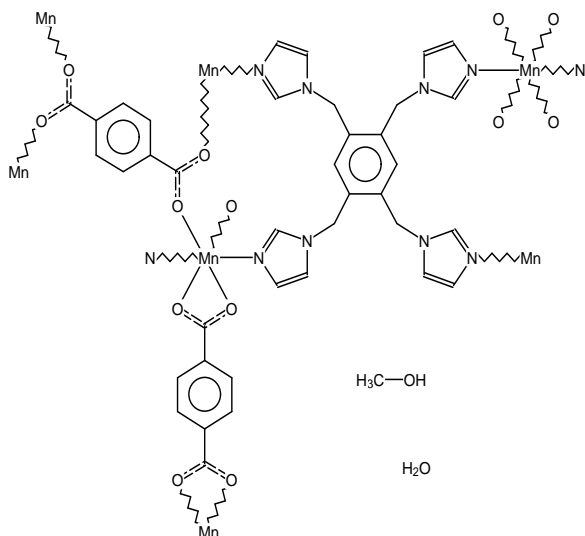
Reference: Qin Hua, Zhi Su, Yue Zhao, T.Okamura, Guan-Cheng Xu, Wei-Yin Sun, N.Ueyama (2010) *Inorg.Chim.Acta* ,363,3550

Formula: (C₃₈ H₃₀ Mn₂ N₈ O₈)_n.2n(C₁ H₄ O₁).2n(H₂ O₁)

Compound Name: catena-[(μ₄-Benzene-1,4-dicarboxylato-O,O',O'')-(μ₄-1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene-N³,N^{3'},N^{3''},N^{3'''})-(μ₂-benzene-1,4-dicarboxylato-O,O',O'')-di-manganese(ii) methanol solvate dihydrate]

Space Group: P-1 **Cell:** a 10.294(1) b 10.736(1) c 10.983(1)
Space Group No.: 2 **(Å, °)** α 81.66(0) β 77.17(0) γ 64.81(0)

R-Factor (%): 5.96 **Temperature(K):** 293 **Density(g/cm³):** 1.455



GAKNUD

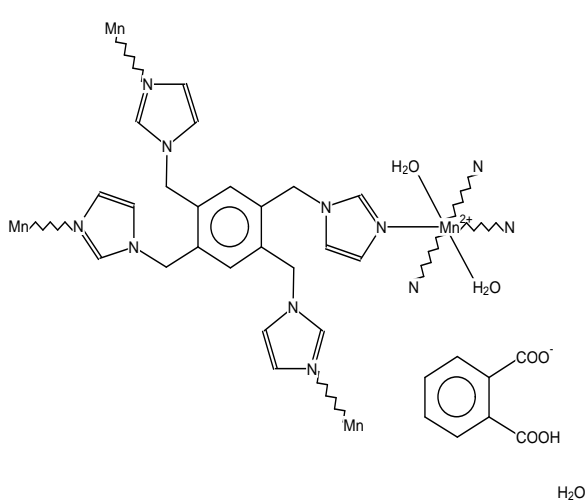
Reference: Qin Hua, Zhi Su, Yue Zhao, T.Okamura, Guan-Cheng Xu, Wei-Yin Sun, N.Ueyama (2010) *Inorg.Chim.Acta* ,363,3550

Formula: (C₂₂ H₂₆ Mn₁ N₈ O₂²⁺)_n.2n(C₈ H₅ O₄¹⁻).2n(H₂ O₁)

Compound Name: catena-[(μ₄-1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene-N³,N^{3'},N^{3''},N^{3'''})-diaqua-manganese(ii) bis(2-carboxybenzoate) dihydrate]

Space Group: P-1 **Cell:** a 8.982(0) b 9.618(1) c 10.795(1)
Space Group No.: 2 **(Å, °)** α 90.19(0) β 96.40(0) γ 90.91(0)

R-Factor (%): 3.10 **Temperature(K):** 293 **Density(g/cm³):** 1.534



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 161-164

GALKEL

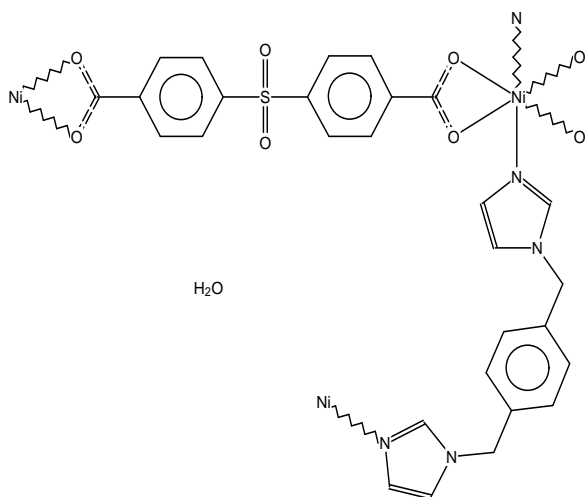
Reference: Guang-Xiang Liu, Heng Xu, Hong Zhou, S.Nishihara, Xiao-Ming Ren (2012) *CrystEngComm*, **14**,1856

Formula: (C₂₈ H₂₂ N₄ Ni₁ O₆ S₁)_n.2n(H₂ O₁)

Compound Name: catena-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole)-(μ₂-4,4'-sulfonyldibenzoato)-nickel(ii) dihydrate)

Space Group: Cmca **Cell:** **a** 24.283(0) **b** 20.580(0) **c** 12.700(0)
Space Group No.: 64 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.34 **Temperature(K):** 293 **Density(g/cm³):** 1.334



GALKIP

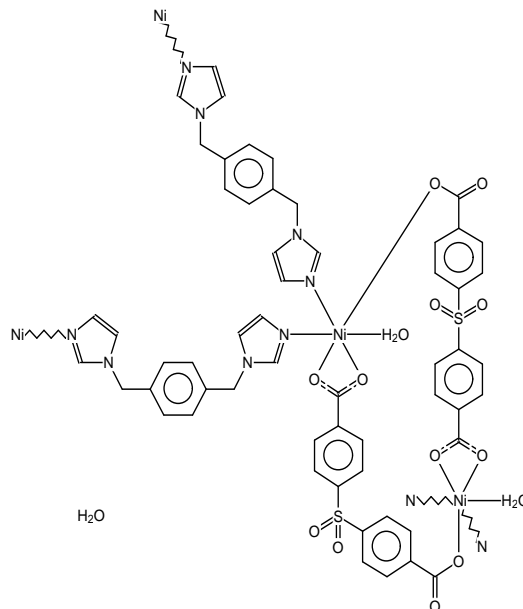
Reference: Guang-Xiang Liu, Heng Xu, Hong Zhou, S.Nishihara, Xiao-Ming Ren (2012) *CrystEngComm*, **14**,1856

Formula: (C₅₆ H₄₈ N₈ Ni₂ O₁₄ S₂)_n.0.76n(H₂ O₁)

Compound Name: catena-(bis(μ₂-4,4'-sulfonyldibenzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-nickel(ii) hydrate)

Space Group: P-1 **Cell:** **a** 10.120(1) **b** 10.883(1) **c** 13.409(2)
Space Group No.: 2 **(Å, °)** α 70.50(0) β 87.56(0) γ 76.95(0)

R-Factor (%): 3.75 **Temperature(K):** 293 **Density(g/cm³):** 1.534



GAVSEC

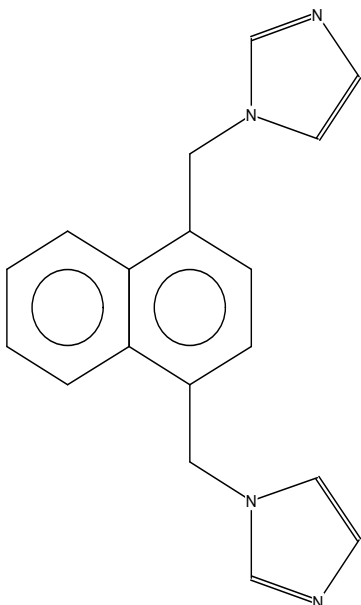
Reference: Lin-Hai Jing, Da-Bin Qin, Huan-Xia Zhang, Shao-Jin Gu, Gang Lei, Zhi-Hua Mao (2005) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **61**,o3923

Formula: C₁₈ H₁₆ N₄

Compound Name: 1,4-bis(imidazol-1-ylmethyl)naphthalene

Space Group: P21/c **Cell:** **a** 8.222(4) **b** 19.541(8) **c** 9.956(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 114.31(3) γ 90.00

R-Factor (%): 4.43 **Temperature(K):** 294 **Density(g/cm³):** 1.314



GEMKOA

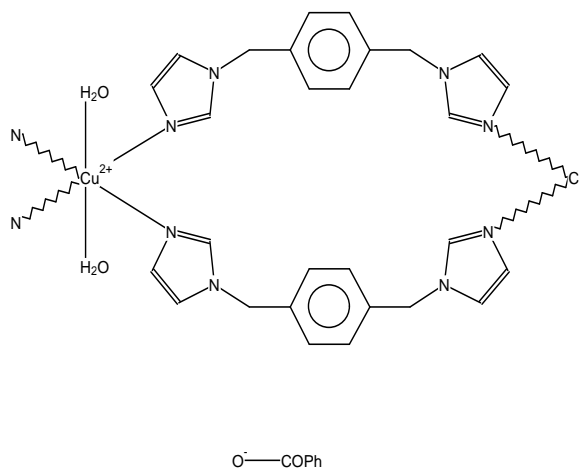
Reference: G.-H.Cui, J.-C.Geng, T.-F.Liu, X.Peng, C.-H.He, C.-H.Jiao (2012) *Zh. Strukt. Khim. (Russ.) (J. Struct. Chem.)*, **53**,515

Formula: (C₂₈ H₃₂ Cu₁ N₈ O₂²⁺)_n.2n(C₇ H₅ O₂¹⁻)

Compound Name: catena-(bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazol-1-yl))-diaqua-copper(ii) bis(benzoate))

Space Group: P-1 **Cell:** **a** 9.465(2) **b** 9.703(2) **c** 12.060(2)
Space Group No.: 2 **(Å, °)** α 77.26(3) β 70.37(3) γ 67.14(3)

R-Factor (%): 3.03 **Temperature(K):** 295 **Density(g/cm³):** 1.421



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 165-168

GETQAZ

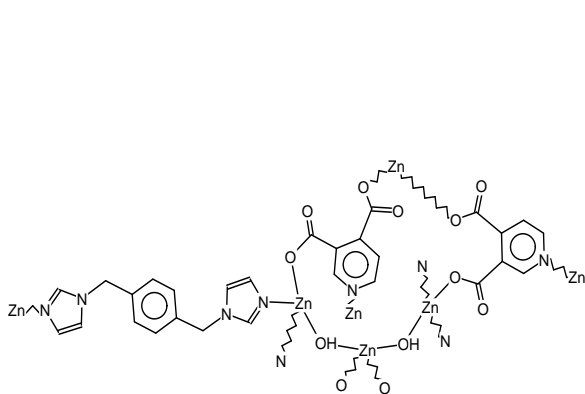
Reference: Qing-Wei Wang, Ting-Feng Lu, Jia Guo, Xiu-Mei Li, Jian-Ye Ji, Bo Liu (2013) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **32**,137

Formula: (C₂₈ H₂₂ N₆ O₁₀ Zn₃)_n

Compound Name: catena-(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-pyridine-3,4-dicarboxylato)-bis(μ₂-hydroxo)-tri-zinc

Space Group: P2/c **Cell:** **a** 7.411(2) **b** 7.848(3) **c** 25.048(8)
Space Group No.: 13 **(Å, °)** **α** 90.00 **β** 94.73(0) **γ** 90.00

R-Factor (%): 4.40 **Temperature(K):** 292 **Density(g/cm³):** 1.827



GIMGEP

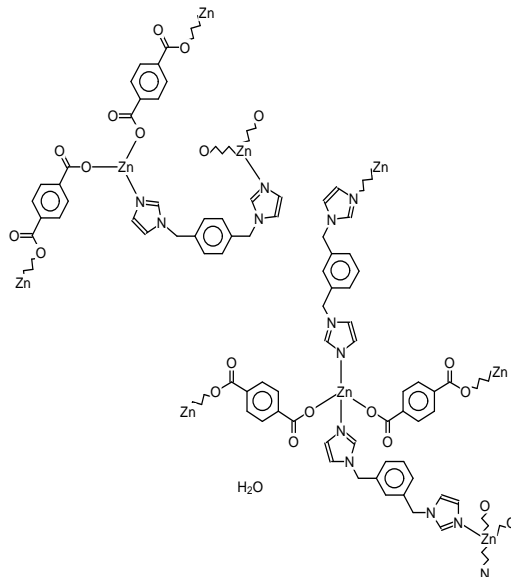
Reference: Zhengfang Tian, Jianguo Lin, Yang Su, Lili Wen, Yangmei Liu, Huizhen Zhu, Qing-Jin Meng (2007) *Cryst.Growth Des.*, **7**,1863

Formula: (C₄₄ H₃₆ N₈ O₈ Zn₂)_n·n(C₃₀ H₂₂ N₄ O₈ Zn₂)·n(H₂ O₁)

Compound Name: catena-[bis(μ₂-1,3-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-terephthalato)-di-zinc(ii)] (μ₂-1,3-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-terephthalato)-di-zinc(ii) monohydrate]

Space Group: P-1 **Cell:** **a** 9.584(1) **b** 12.563(1) **c** 16.810(1)
Space Group No.: 2 **(Å, °)** **α** 76.78(0) **β** 87.43(0) **γ** 68.21(0)

R-Factor (%): 6.33 **Temperature(K):** 291 **Density(g/cm³):** 1.500



GINTAA

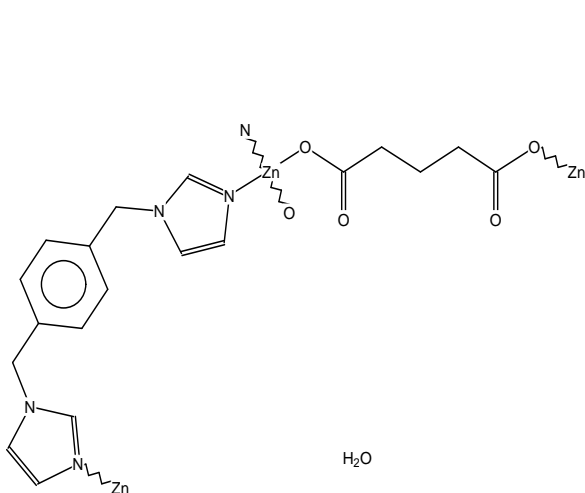
Reference: G.X.Liu, Z.Q.Liu (2013) *Koord.Khim.(Russ.)(Coord.Chem.)*, **39**,292

Formula: (C₁₉ H₂₀ N₄ O₄ Zn₁)_n·2(H₂ O₁)

Compound Name: catena-(μ₂-Glutarato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc dihydrate)

Space Group: P21/c **Cell:** **a** 9.337(0) **b** 27.657(1) **c** 9.072(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 116.22(0) **γ** 90.00

R-Factor (%): 3.39 **Temperature(K):** 293 **Density(g/cm³):** 1.485



GIPWIN

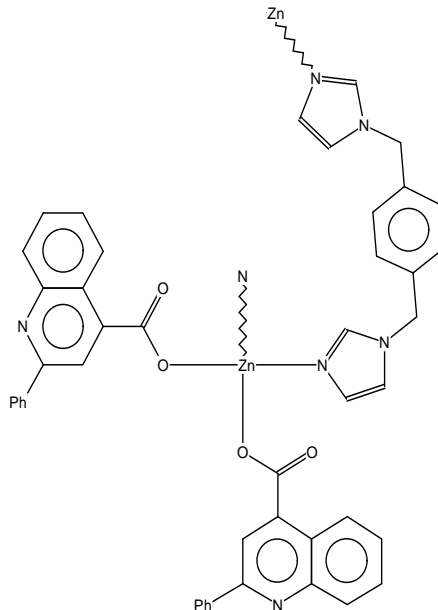
Reference: Xiang-Yang Hou, Xiao Wang, Feng Fu, Ji-Jiang Wang, Long Tang (2013) *Z.Anorg.Allg.Chem.*, **639**,1254

Formula: (C₄₆ H₃₄ N₆ O₄ Zn₁)_n

Compound Name: catena-[(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(2-phenylquinoline-4-carboxylato)-zinc(ii)]

Space Group: C2/c **Cell:** **a** 25.862(5) **b** 11.243(2) **c** 14.830(3)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 114.62(0) **γ** 90.00

R-Factor (%): 4.85 **Temperature(K):** 296 **Density(g/cm³):** 1.356



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 169-172

GODKIU

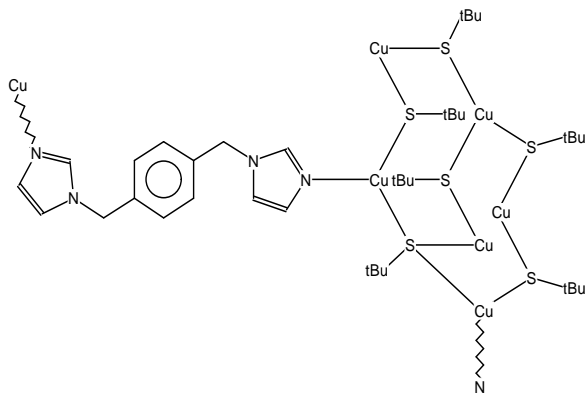
Reference: Zhihua Li, Xiuling Li, Ping Lin Shaowu Du (2008)
J.Cluster Sci. ,19,357

Formula: (C₃₈ H₆₈ Cu₆ N₄ S₆)_n

Compound Name: catena-[(μ₃-t-Butylthiolato)-pentakis(μ₂-t-butylthiolato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-hexa-copper(II)]

Space Group: P21/c **Cell:** **a** 12.045(4) **b** 20.078(6) **c** 21.708(6)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 104.95(0) **γ** 90.00

R-Factor (%): 6.40 **Temperature(K):** 293 **Density(g/cm³):** 1.512



GUJWAK

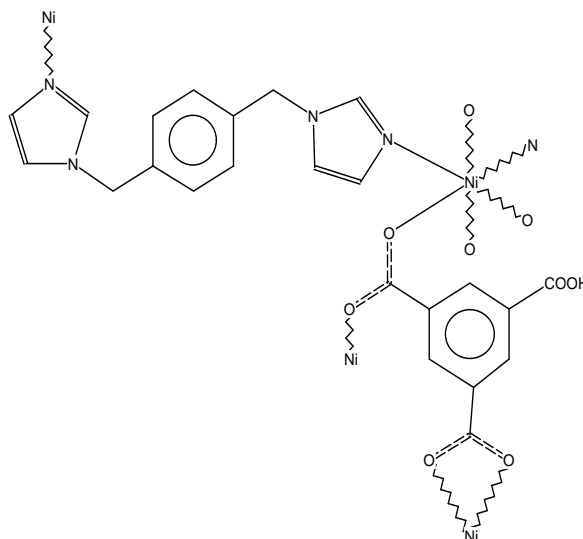
Reference: Jian-Di Lin, Cui-Cui Jia, Zhi-Hua Li, Shao-Wu Du (2009)
Inorg.Chem.Commun. ,12,558

Formula: (C₂₃ H₁₈ N₄ Ni₁ O₆)_n

Compound Name: catena-[(μ₂-1,4-bis(imidazolylmethyl)benzene)-(μ₂-1-carboxybenzene-3,5-dicarboxylato)-nickel(II)]

Space Group: P-1 **Cell:** **a** 8.127(0) **b** 10.040(1) **c** 12.837(1)
Space Group No.: 2 **(Å, °)** **α** 96.52(0) **β** 100.18(0) **γ** 92.16(0)

R-Factor (%): 3.08 **Temperature(K):** 293 **Density(g/cm³):** 1.641



GUWFAG

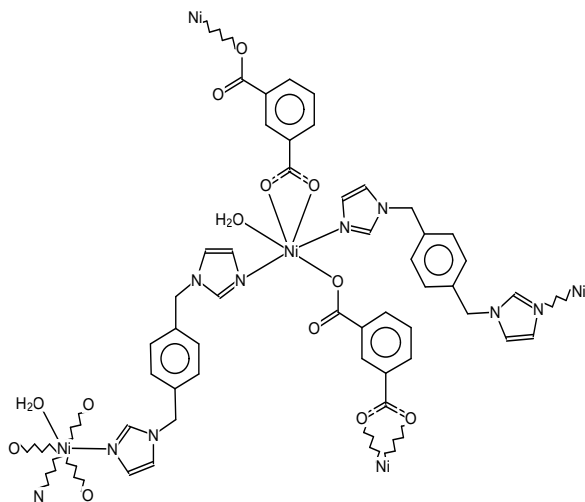
Reference: Xiao-Li Yang, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2010)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,26,374

Formula: (C₄₄ H₄₀ N₈ Ni₂ O₁₀)_n

Compound Name: catena-[bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-isophthalato)-diaqua-di-nickel(II)]

Space Group: P-1 **Cell:** **a** 6.577(1) **b** 10.159(1) **c** 15.805(2)
Space Group No.: 2 **(Å, °)** **α** 82.04(0) **β** 87.57(0) **γ** 77.31(0)

R-Factor (%): 5.55 **Temperature(K):** 291 **Density(g/cm³):** 1.560



GUWFEK

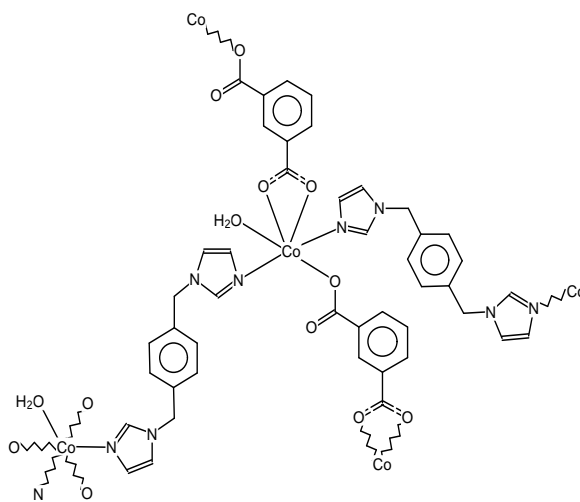
Reference: Xiao-Li Yang, Jun Zhang, Yi-Zhi Li, Hong-Bin Du, Xiao-Zeng You (2010)
Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.) ,26,374

Formula: (C₄₄ H₄₀ Co₂ N₈ O₁₀)_n

Compound Name: catena-[bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-isophthalato)-diaqua-di-cobalt(II)]

Space Group: P-1 **Cell:** **a** 6.624(1) **b** 10.198(2) **c** 15.794(4)
Space Group No.: 2 **(Å, °)** **α** 82.93(0) **β** 87.90(0) **γ** 76.75(0)

R-Factor (%): 5.39 **Temperature(K):** 291 **Density(g/cm³):** 1.545



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 173-176

HAHVIW

Reference: Xu-Jie Shen, Hui-Lan Chen, Fei Yu, You-Cai Zhang, Xiao-Hong Yang, Yi-Zhi Li (2004) *Tetrahedron Lett.* **45**,6813

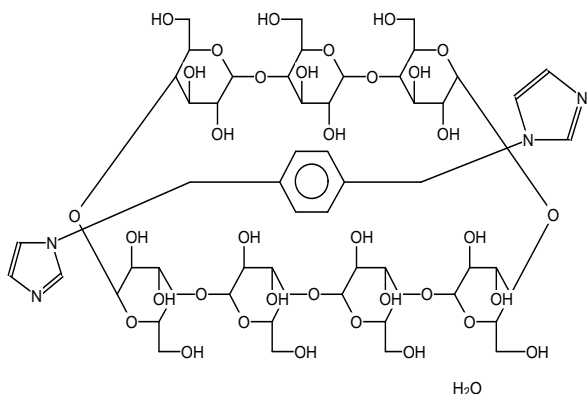
Formula: C₁₄H₁₄N₄C₄₂H₇₀O₃₅·8(H₂O)₁

Compound Name: (2)-(β-Cyclodextrin)-(1,4-bis(imidazol-1-yl)benzene)-pseudorotaxane octahydrate

Space Group: C2
Space Group No.: 5

Cell: a 19.101(2) Å, b 24.032(2) Å, c 32.580(3) Å
α 90.00°, β 93.76(1)°, γ 90.00°

R-Factor (%): 6.05
Temperature(K): 293
Density(g/cm³): 1.351



HALCIH

Reference: Bao-Qing Ma, P.Coppens (2004) *Cryst.Growth Des.* **4**, 1377

Formula: C₃₂H₃₂O₈·2(C₁₄H₁₄N₄)·2(C₁₃H₁₀O)₁

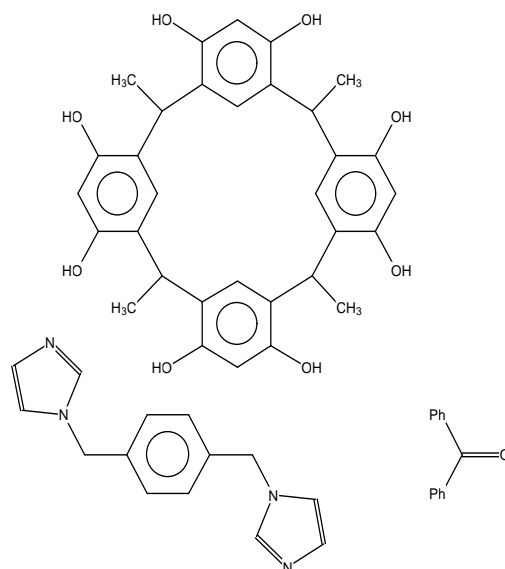
Compound Name: 4,6,10,12,16,18,22,24-Octahydroxy-2,8,14,20-tetramethylcalix[4]arene bis(1,4-bis(imidazolymethyl)benzene) bis(benzophenone) clathrate

Synonym: C-Methylcalix[4]resorcinarene bis(1,4-bis(imidazolymethyl)benzene) bis(benzophenone) clathrate

Space Group: P-1
Space Group No.: 2

Cell: a 15.077(1) Å, b 15.138(1) Å, c 16.748(1) Å
α 108.35(0)°, β 98.49(0)°, γ 91.69(0)°

R-Factor (%): 5.48
Temperature(K): 90
Density(g/cm³): 1.287



HALCON

Reference: Bao-Qing Ma, P.Coppens (2004) *Cryst.Growth Des.* **4**, 1377

Formula: C₃₆H₄₀O₈·2(C₁₄H₁₄N₄)·2(C₁₃H₁₀O)₁

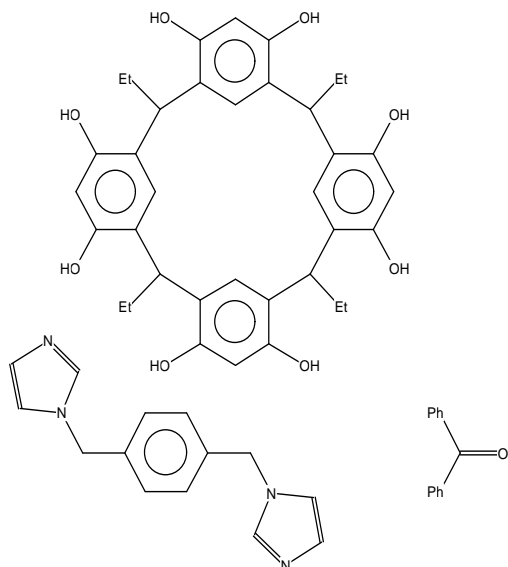
Compound Name: 2,8,14,20-Tetraethyl-4,6,10,12,16,18,22,24-octahydroxycalix[4]arene bis(1,4-bis(imidazolymethyl)benzene) bis(benzophenone) clathrate

Synonym: C-Ethylcalix[4]resorcinarene bis(1,4-bis(imidazolymethyl)benzene) bis(benzophenone) clathrate

Space Group: P-1
Space Group No.: 2

Cell: a 15.879(1) Å, b 15.905(1) Å, c 15.973(0) Å
α 99.65(0)°, β 107.18(0)°, γ 90.60(0)°

R-Factor (%): 6.22
Temperature(K): 90
Density(g/cm³): 1.263



HAQYUV

Reference: Li Zhang, Ya-Li Yao, Yun-Xia Che, Ji-Min Zheng (2010) *Cryst.Growth Des.* **10**,528

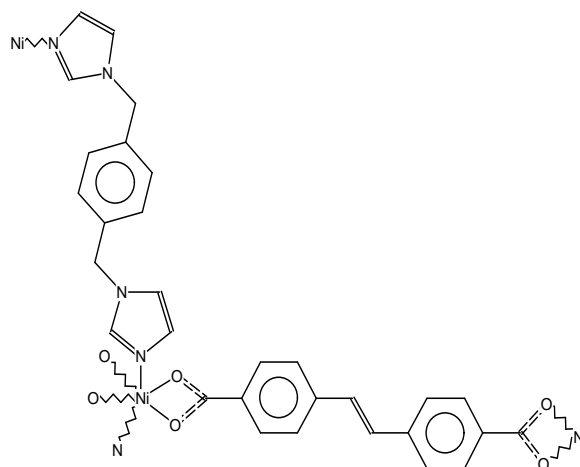
Formula: (C₃₀H₂₄N₄Ni₁O₄)_n

Compound Name: catena-(μ₂-Biphenylene-4,4'-dicarboxylato)-(μ₂-1,4-bis(imidazolymethylene)benzene)-nickel

Space Group: P-1
Space Group No.: 2

Cell: a 10.684(2) Å, b 10.838(2) Å, c 12.369(3) Å
α 67.58(3)°, β 82.83(3)°, γ 72.15(3)°

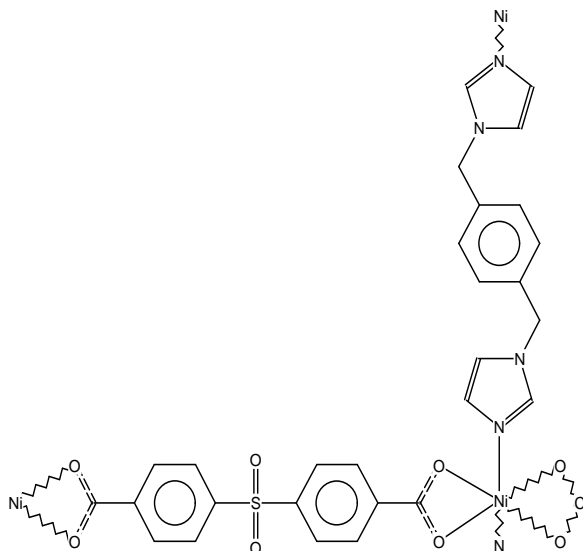
R-Factor (%): 4.57
Temperature(K): 293
Density(g/cm³): 1.484



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 177-180

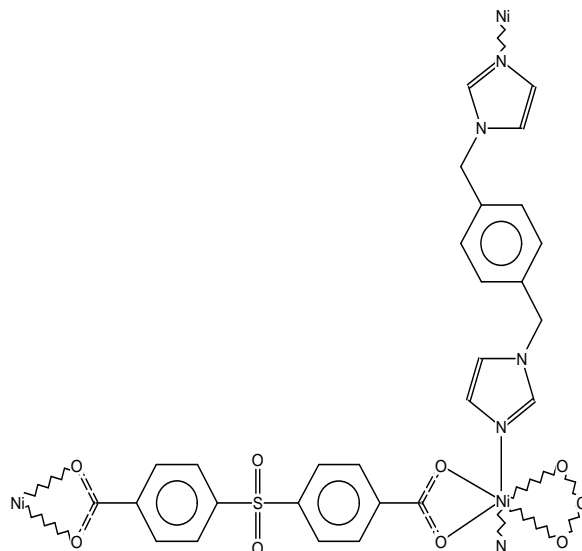
HECYAR

Reference: K.K.Bisht, E.Suresh (2012) *Inorg.Chem.* ,51,9577
Formula: (C₂₈ H₂₂ N₄ Ni₁ O₆ S₁)_n
Compound Name: catena-(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole)-(μ₂-4,4'-sulfonyldibenzoato)-nickel)
Space Group: F222 **Cell:** a 12.094(1) b 22.276(2) c 23.385(2)
Space Group No.: 22 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00
R-Factor (%): 3.80 **Temperature(K):** 110 **Density(g/cm³):** 1.268



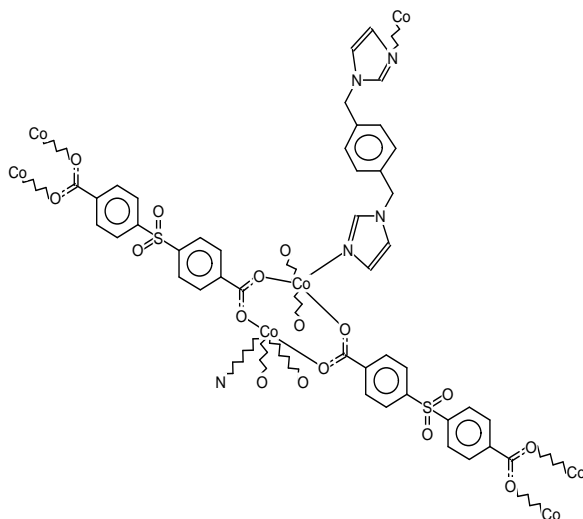
HECYAR01

Reference: K.K.Bisht, E.Suresh (2012) *Inorg.Chem.* ,51,9577
Formula: (C₂₈ H₂₂ N₄ Ni₁ O₆ S₁)_n
Compound Name: catena-(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole)-(μ₂-4,4'-sulfonyldibenzoato)-nickel)
Space Group: F222 **Cell:** a 12.252(4) b 22.160(9) c 23.571(9)
Space Group No.: 22 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00
R-Factor (%): 3.46 **Temperature(K):** 110 **Density(g/cm³):** 1.248



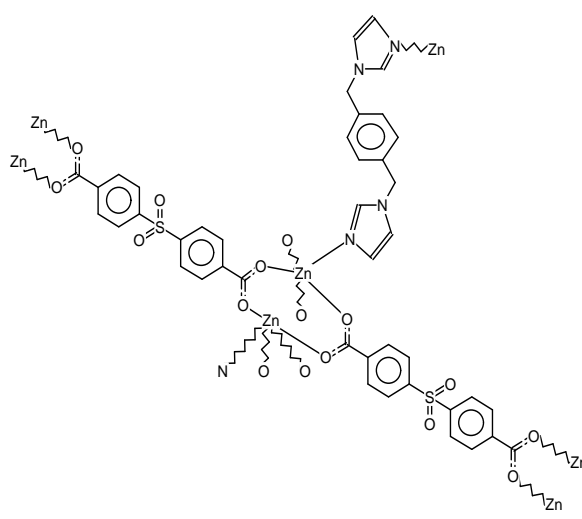
HECYIZ

Reference: K.K.Bisht, E.Suresh (2012) *Inorg.Chem.* ,51,9577
Formula: (C₄₂ H₃₀ Co₂ N₄ O₁₂ S₂)_n
Compound Name: catena-(bis(μ₄-4,4'-sulfonyldibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt)
Space Group: P-1 **Cell:** a 7.097(2) b 12.877(5) c 13.116(5)
Space Group No.: 2 **Cell:** (Å, °) α 109.74(0) β 102.11(0) γ 92.28(0)
R-Factor (%): 7.26 **Temperature(K):** 110 **Density(g/cm³):** 1.463



HECYOF

Reference: K.K.Bisht, E.Suresh (2012) *Inorg.Chem.* ,51,9577
Formula: (C₄₂ H₃₀ N₄ O₁₂ S₂ Zn₂)_n
Compound Name: catena-(bis(μ₄-4,4'-sulfonyldibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc)
Space Group: P-1 **Cell:** a 7.220(7) b 12.829(12) c 13.163(13)
Space Group No.: 2 **Cell:** (Å, °) α 110.01(2) β 101.59(1) γ 92.47(1)
R-Factor (%): 7.31 **Temperature(K):** 110 **Density(g/cm³):** 1.457



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 181-184

HECYUL

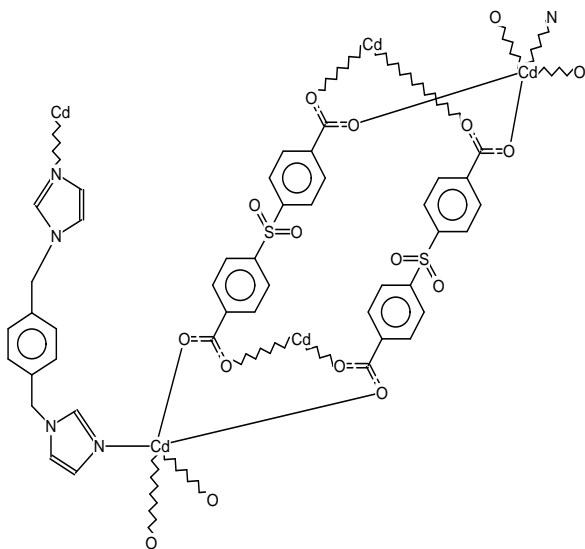
Reference: K.K.Bisht, E.Suresh (2012) *Inorg.Chem.*, **51**,9577

Formula: (C₄₂ H₃₀ Cd₂ N₄ O₁₂ S₂)_n

Compound Name: catena-(bis(μ₄-4,4'-sulfonyldibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cadmium)

Space Group: P-1 **Cell:** a 6.932(1) b 13.157(3) c 13.476(3)
Space Group No.: 2 **(Å, °)** α 110.34(0) β 99.64(0) γ 93.41(0)

R-Factor (%): 4.03 **Temperature(K):** 110 **Density(g/cm³):** 1.579



HEXKUR

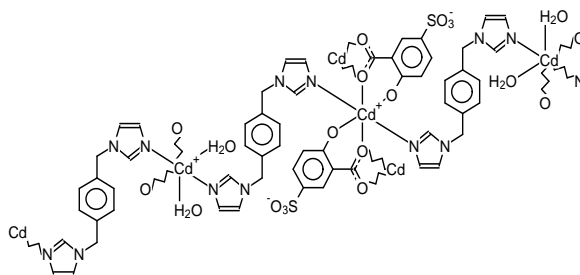
Reference: Zhenda Lu, Lili Wen, Zhaoping Ni, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des.*, **7**,268

Formula: (C₅₆ H₅₆ Cd₃ N₁₂ O₁₆ S₂)_n

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-5-sulfosalicylato)-tetra-aqua-tri-cadmium)

Space Group: P21/n **Cell:** a 13.435(3) b 16.000(4) c 14.127(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.48(0) γ 90.00

R-Factor (%): 3.53 **Temperature(K):** 293 **Density(g/cm³):** 1.708



HEXLAY

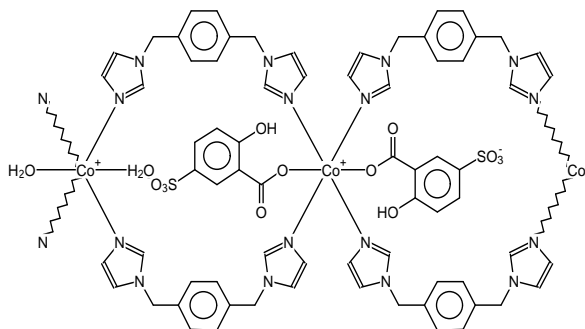
Reference: Zhenda Lu, Lili Wen, Zhaoping Ni, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des.*, **7**,268

Formula: (C₇₀ H₆₈ Co₂ N₁₆ O₁₄ S₂)_n.2n(H₂O)

Compound Name: catena-(tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(5-sulfosalicylato)-diaqua-di-cobalt(ii) dihydrate)

Space Group: C2/c **Cell:** a 24.792(1) b 16.785(1) c 18.969(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 116.37(0) γ 90.00

R-Factor (%): 4.49 **Temperature(K):** 293 **Density(g/cm³):** 1.480



H₂O

HEXLEC

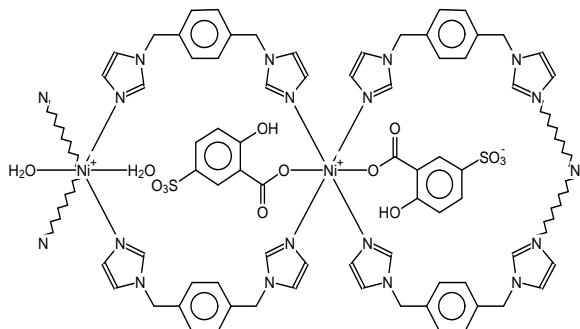
Reference: Zhenda Lu, Lili Wen, Zhaoping Ni, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des.*, **7**,268

Formula: (C₇₀ H₆₈ Ni₂ O₁₄ S₂)_n.2n(H₂O)

Compound Name: catena-(tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(5-sulfosalicylato)-diaqua-di-nickel(ii) dihydrate)

Space Group: C2/c **Cell:** a 24.684(1) b 16.730(1) c 18.916(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 116.12(0) γ 90.00

R-Factor (%): 4.64 **Temperature(K):** 293 **Density(g/cm³):** 1.492



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 185-188

HEXLIG

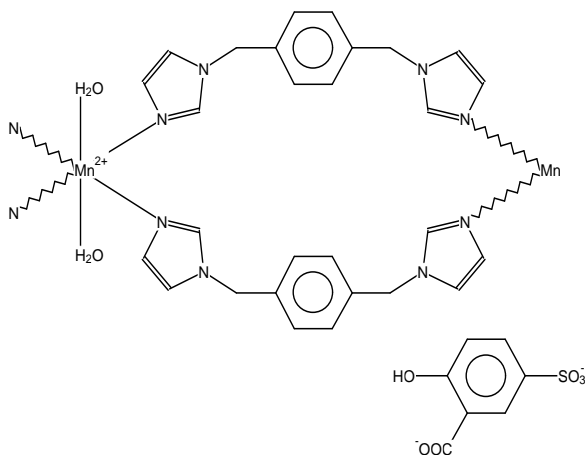
Reference: Zhenda Lu, Lili Wen, Zhaoping Ni, Yizhi Li, Huizhen Zhu, Qingjin Meng (2007) *Cryst. Growth Des.*, 7, 268

Formula: $(C_{28}H_{32}Mn_1N_8O_2^{2+})_n \cdot n(C_7H_4O_6S_1^{2-})$

Compound Name: catena-(bis(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene)-diaquamanganese(ii) 5-sulfosalicylate)

Space Group: P21/c **Cell:** a 13.499(1) b 12.500(1) c 23.789(1)
Space Group No.: 14 **(Å, °)** α 90.00(0) β 117.26(0) γ 90.00(0)

R-Factor (%): 6.16 **Temperature(K):** 293 **Density(g/cm³):** 1.459



HEXLUS

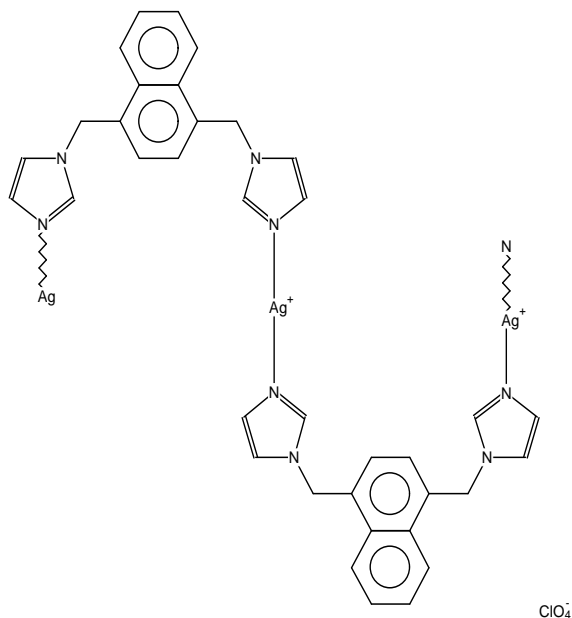
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst. Growth Des.*, 7, 286

Formula: $(C_{36}H_{32}Ag_2N_8O_2^{2+})_n \cdot 2n(Cl_1O_4^{1-})$

Compound Name: catena-(bis(μ_2 -1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-di-silver(i) diperchlorate)

Space Group: P-1 **Cell:** a 9.161(1) b 10.100(2) c 11.595(2)
Space Group No.: 2 **(Å, °)** α 68.68(0) β 72.60(0) γ 78.86(0)

R-Factor (%): 4.63 **Temperature(K):** 294 **Density(g/cm³):** 1.734



HEXMAZ

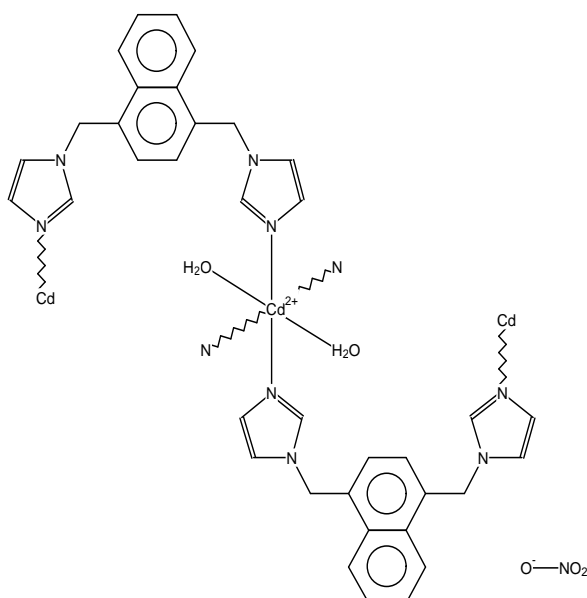
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst. Growth Des.*, 7, 286

Formula: $(C_{36}H_{36}Cd_1N_8O_2^{2+})_n \cdot 2n(N_1O_3^{1-})$

Compound Name: catena-(bis(μ_2 -1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-di-aquacadmium(ii) dinitrate)

Space Group: Pbcn **Cell:** a 14.114(1) b 15.608(1) c 16.428(1)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.64 **Temperature(K):** 293 **Density(g/cm³):** 1.559



HEXMED

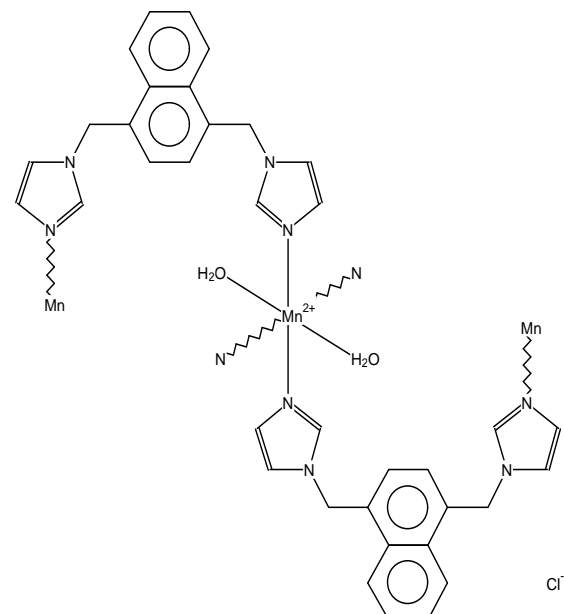
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst. Growth Des.*, 7, 286

Formula: $(C_{36}H_{36}Mn_1N_8O_2^{2+})_n \cdot 2n(Cl_1^{1-})$

Compound Name: catena-(bis(μ_2 -1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-di-aquamanganese(ii) dichloride)

Space Group: Pbcn **Cell:** a 14.112(0) b 15.053(0) c 15.489(0)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.58 **Temperature(K):** 293 **Density(g/cm³):** 1.491



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 189-192

HEXMIH

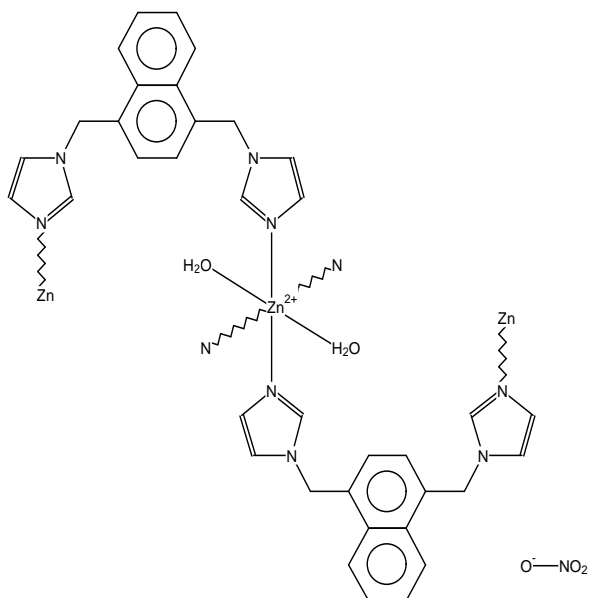
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst.Growth Des.*, 7,286

Formula: (C₃₆ H₃₆ N₈ O₂ Zn₁²⁺)_n.2n(N₁ O₃¹⁻)

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-diaqua-zinc(ii) dinitrate)

Space Group: Pbcn **Cell:** a 14.026(2) b 15.486(3) c 16.261(3)
Space Group No.: 60 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.71 **Temperature(K):** 294 **Density(g/cm³):** 1.508



HEXMON

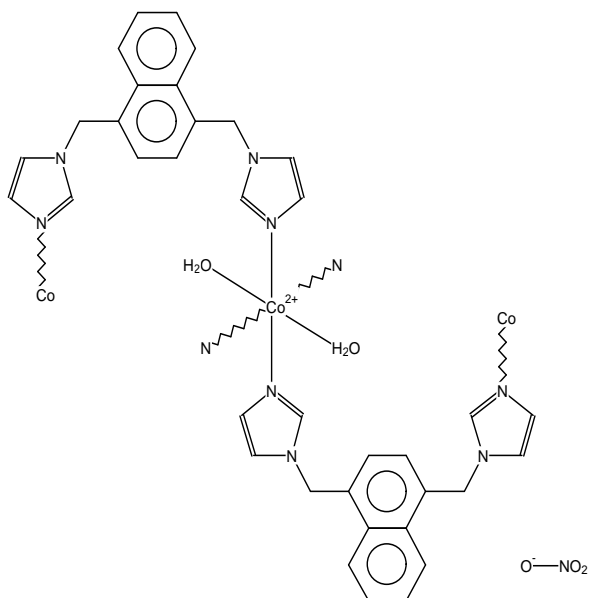
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst.Growth Des.*, 7,286

Formula: (C₃₆ H₃₆ Co₁ N₈ O₂²⁺)_n.2n(N₁ O₃¹⁻)

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-diaqua-cobalt(ii) dinitrate)

Space Group: Pbcn **Cell:** a 14.040(0) b 15.507(0) c 16.187(0)
Space Group No.: 60 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.50 **Temperature(K):** 293 **Density(g/cm³):** 1.500



HEXMUT

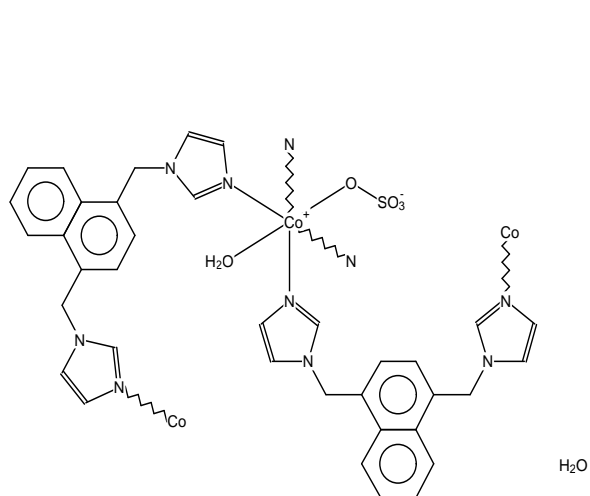
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst.Growth Des.*, 7,286

Formula: (C₃₆ H₃₄ Co₁ N₈ O₅ S₁)_n.2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-aqua-sulfato-cobalt(ii) dihydrate)

Space Group: Pna21 **Cell:** a 16.025(1) b 16.186(1) c 13.451(1)
Space Group No.: 33 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.08 **Temperature(K):** 293 **Density(g/cm³):** 1.496



HEXNAA

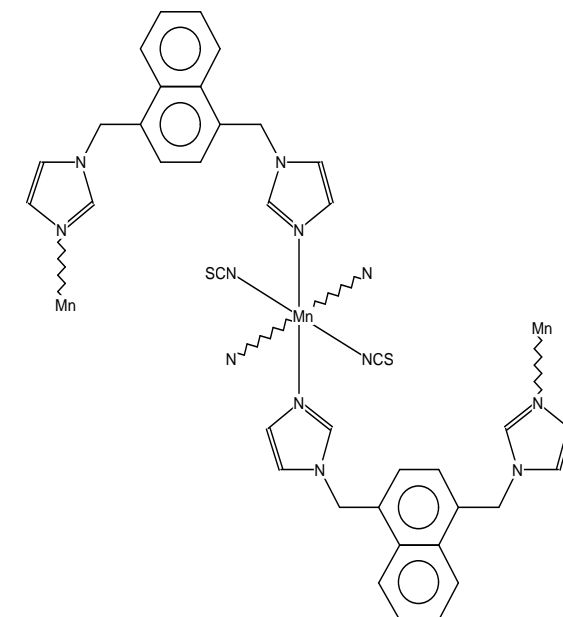
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst.Growth Des.*, 7,286

Formula: (C₃₈ H₃₂ Mn₁ N₁₀ S₂)_n

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-bis(isothiocyanato)-manganese(ii))

Space Group: Pbcn **Cell:** a 13.788(3) b 15.602(4) c 16.016(4)
Space Group No.: 60 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.62 **Temperature(K):** 294 **Density(g/cm³):** 1.442



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 193-196

HEXNEE

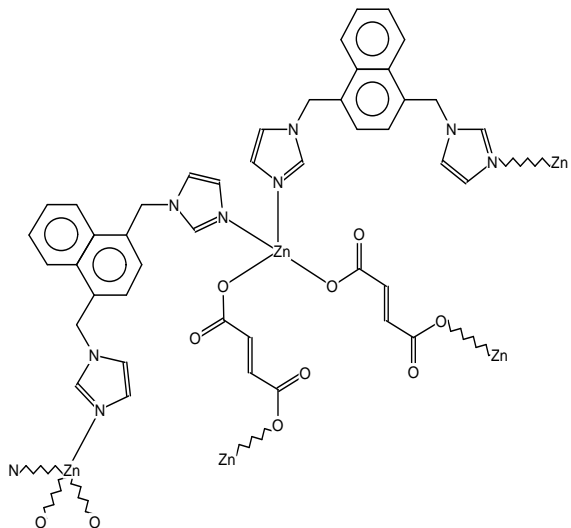
Reference: Cai-Yun Li, Chun-Sen Liu, Jian-Rong Li, Xian-He Bu (2007) *Cryst.Growth Des.*, 7,286

Formula: (C₄₄ H₃₆ N₈ O₈ Zn₂)_n·3n(H₂O)₁

Compound Name: catena-(bis(μ₂-1,4-bis((imidazol-1-ylmethyl)naphthalene-N,N)-bis(μ₂-fumarato-O,O')-di-zinc(ii) trihydrate)

Space Group: P-1 **Cell:** a 8.307(1) b 11.378(1) c 12.161(1)
Space Group No.: 2 **(Å, °)** α 102.72(0) β 106.38(0) γ 94.63(0)

R-Factor (%): 3.57 **Temperature(K):** 293 **Density(g/cm³):** 1.546



H₂O

HIZPEN

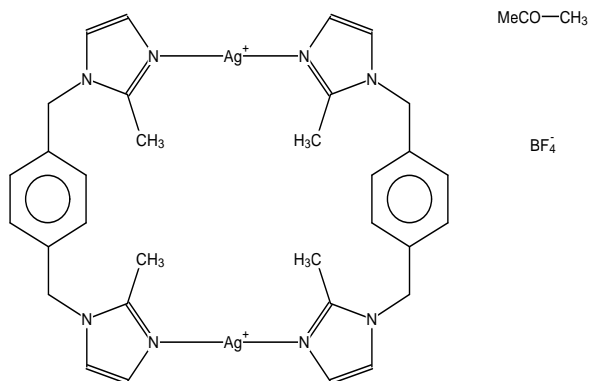
Reference: M.du Plessis, V.J.Smith, L.J.Barbour (2014) *CrystEngComm*, 16,4126

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺·2(C₃ H₆ O₁)₁·2(B₁ F₄ 1⁻)

Compound Name: bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-silver bis(tetrafluoroborate) acetone solvate

Space Group: P-1 **Cell:** a 7.127(1) b 12.249(2) c 12.943(2)
Space Group No.: 2 **(Å, °)** α 71.97(0) β 89.31(0) γ 89.48(0)

R-Factor (%): 3.10 **Temperature(K):** 100 **Density(g/cm³):** 1.605



HIZPIR

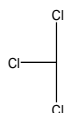
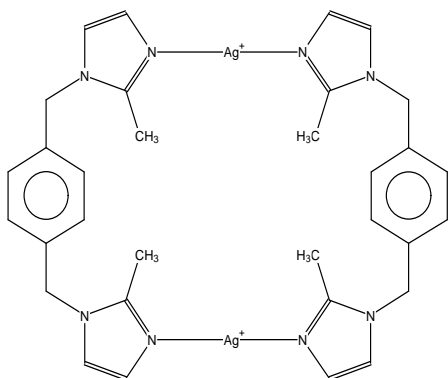
Reference: M.du Plessis, V.J.Smith, L.J.Barbour (2014) *CrystEngComm*, 16,4126

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺·2(C₁ H₁ Cl₃)₁·2(B₁ F₄ 1⁻)

Compound Name: bis(1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-silver bis(tetrafluoroborate) chloroform solvate

Space Group: P21/c **Cell:** a 7.091(1) b 20.479(6) c 14.855(5)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.04(0) γ 90.00

R-Factor (%): 5.73 **Temperature(K):** 100 **Density(g/cm³):** 1.787



BF₄⁻

HIZPOX

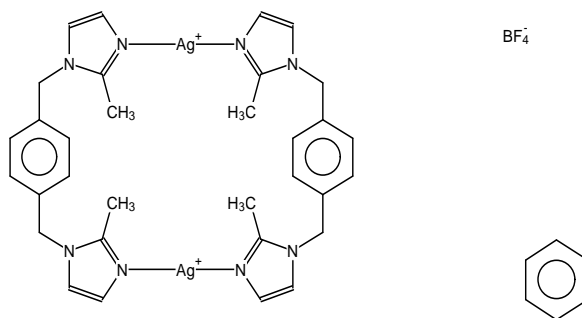
Reference: M.du Plessis, V.J.Smith, L.J.Barbour (2014) *CrystEngComm*, 16,4126

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺·2(B₁ F₄ 1⁻)·C₆ H₆

Compound Name: bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-silver bis(tetrafluoroborate) benzene solvate

Space Group: P-1 **Cell:** a 7.102(1) b 12.388(3) c 12.794(3)
Space Group No.: 2 **(Å, °)** α 72.24(0) β 89.28(0) γ 89.24(0)

R-Factor (%): 3.72 **Temperature(K):** 100 **Density(g/cm³):** 1.550



BF₄⁻



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 197-200

HIZPUD

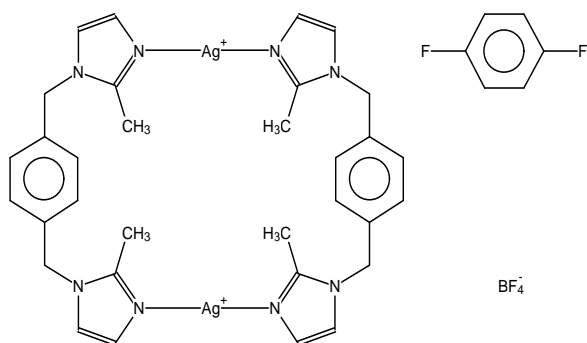
Reference: M.du Plessis, V.J.Smith, L.J.Barbour (2014) *CrystEngComm* ,16,4126

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺, C₆ H₄ F₂, 2(B₁ F₄ 1⁻)

Compound Name: bis(1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-silver bis(tetrafluoroborate) difluorobenzene solvate

Space Group: P-1 **Cell:** a 7.081(1) b 12.445(2) c 12.837(2)
Space Group No.: 2 **(Å, °)** α 71.50(0) β 89.19(0) γ 89.43(0)

R-Factor (%): 4.59 **Temperature(K):** 173 **Density(g/cm³):** 1.604



HIZQAK

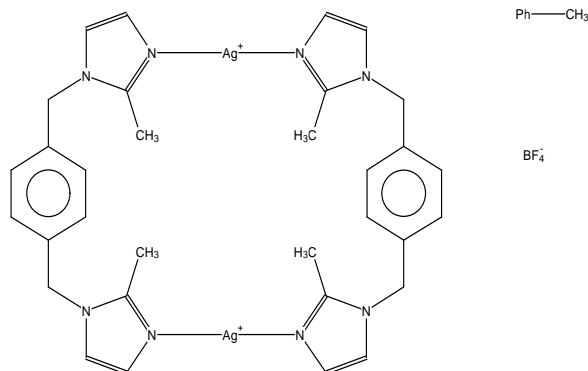
Reference: M.du Plessis, V.J.Smith, L.J.Barbour (2014) *CrystEngComm* ,16,4126

Formula: C₃₂ H₃₆ Ag₂ N₈ 2⁺, C₇ H₈, 2(B₁ F₄ 1⁻)

Compound Name: bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-silver bis(tetrafluoroborate) toluene solvate

Space Group: P-1 **Cell:** a 6.975(1) b 12.065(1) c 13.145(1)
Space Group No.: 2 **(Å, °)** α 72.42(0) β 87.76(0) γ 86.36(0)

R-Factor (%): 4.12 **Temperature(K):** 100 **Density(g/cm³):** 1.601



HOFTEC

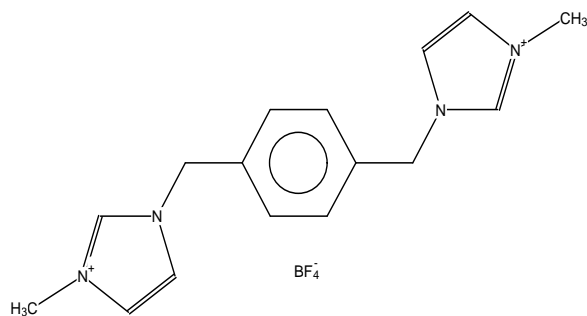
Reference: K.Ganesan, Y.Alias, S.W.Ng (2008) *Acta Crystallogr., Sect.C: Cryst. Struct. Commun.* , 64, c478

Formula: C₁₆ H₂₀ N₄ 2⁺, 2(B₁ F₄ 1⁻)

Compound Name: 3,3'-dimethyl-1,1'-(1,4-phenylenedimethylene)-bis(1H-imidazolium) bis(tetrafluoroborate)

Space Group: P21/c **Cell:** a 4.952(0) b 12.867(0) c 15.283(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.81(0) γ 90.00

R-Factor (%): 4.96 **Temperature(K):** 100 **Density(g/cm³):** 1.509



HOFTEC01

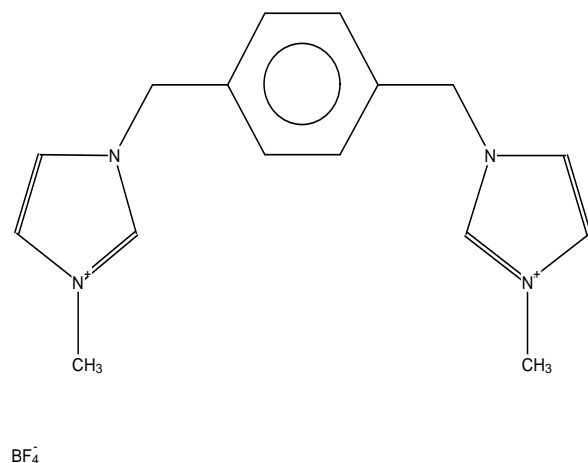
Reference: M.V.Baker, D.H.Brown, R.A.Haque, B.W.Skelton, A.H.White (2009) *J.Inclusion Phenom.Macrocyclic Chem.* , 65, 97

Formula: C₁₆ H₂₀ N₄ 2⁺, 2(B₁ F₄ 1⁻)

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))-bis(3-methyl-1H-imidazol-3-ium) bis(tetrafluoroborate)

Space Group: P21/c **Cell:** a 4.964(0) b 12.913(2) c 15.401(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.93(0) γ 90.00

R-Factor (%): 5.75 **Temperature(K):** 150 **Density(g/cm³):** 1.489



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 201-204

HOFTIG

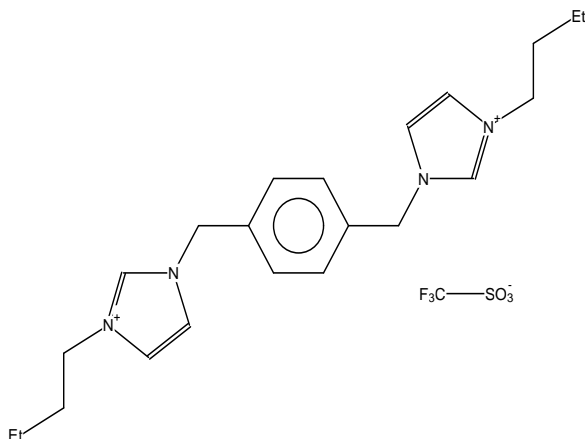
Reference: K.Ganesan, Y.Alias, S.W.Ng (2008) *Acta Crystallogr., Sect.C: Cryst. Struct. Commun.*, **64**,o478

Formula: $C_{22}H_{32}N_4^{2+} \cdot 2(C_1F_3O_3S_1^{-})$

Compound Name: 3,3'-di-n-butyl-1,1'-(1,4-phenylenedimethylene)-bis(1H-imidazolium) bis(trifluoromethanesulfonate)

Space Group: P-1 **Cell:** a 10.383(0) b 12.047(0) c 13.693(0)
Space Group No.: 2 **(Å, °)** α 100.75(0) β 105.19(0) γ 111.97(0)

R-Factor (%): 3.54 **Temperature(K):** 100 **Density(g/cm³):** 1.487



HOLFOE

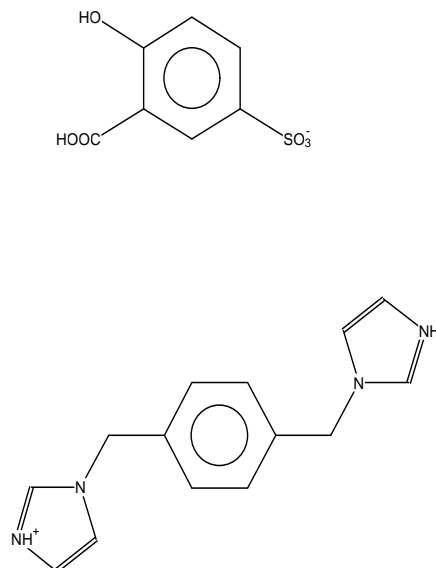
Reference: Yong-Li Peng, Li-Hui Jia (2009) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **65**,o365

Formula: $C_{14}H_{16}N_4^{2+} \cdot 2(C_7H_5O_6S_1^{-}) \cdot 2(H_2O_1)$

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazol-3-ium) bis(3-carboxy-4-hydroxybenzenesulfonate) dihydrate

Space Group: P-1 **Cell:** a 7.998(0) b 8.806(0) c 11.242(0)
Space Group No.: 2 **(Å, °)** α 90.78(0) β 96.66(0) γ 97.34(0)

R-Factor (%): 4.95 **Temperature(K):** 292 **Density(g/cm³):** 1.514



H₂O

HONSIN

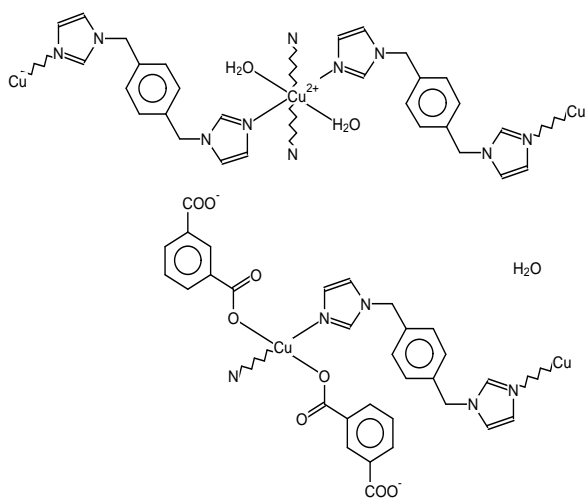
Reference: Jin Yang, Jian-Fang Ma, Ying-Ying Liu, Ji-Cheng Ma, S.R.Batten (2008) *Cryst.Growth Des.*, **8**,4383

Formula: $(C_{28}H_{32}Cu_1N_8O_2^{2+})_n \cdot n(C_{30}H_{22}Cu_1N_4O_8^{2-}) \cdot 4n(H_2O_1)$

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-diaqua-copper(ii) (μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-bis(benzene-1,3-dicarboxylato-O)-copper(ii) tetrahydrate)

Space Group: P-1 **Cell:** a 8.640(1) b 13.569(3) c 13.734(3)
Space Group No.: 2 **(Å, °)** α 82.65(3) β 71.95(3) γ 89.35(3)

R-Factor (%): 7.01 **Temperature(K):** 293 **Density(g/cm³):** 1.399



H₂O

HORGUR

Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm*, **11**,261

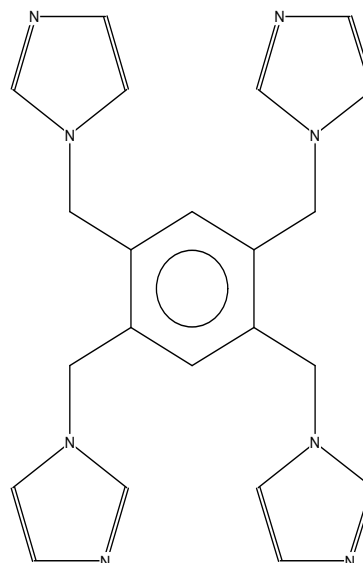
Formula: $C_{22}H_{22}N_8 \cdot 4(H_2O_1)$

Compound Name: 1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene tetrahydrate

Synonym: 1,1',1'',1'''-(Benzene-1,2,4,5-tetrayl)tetrakis(methylene))tetrakis-1H-imidazole tetrahydrate

Space Group: P21/c **Cell:** a 7.364(1) b 18.938(5) c 8.707(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.86(0) γ 90.00

R-Factor (%): 4.36 **Temperature(K):** 293 **Density(g/cm³):** 1.299



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 205-208

HORHAY

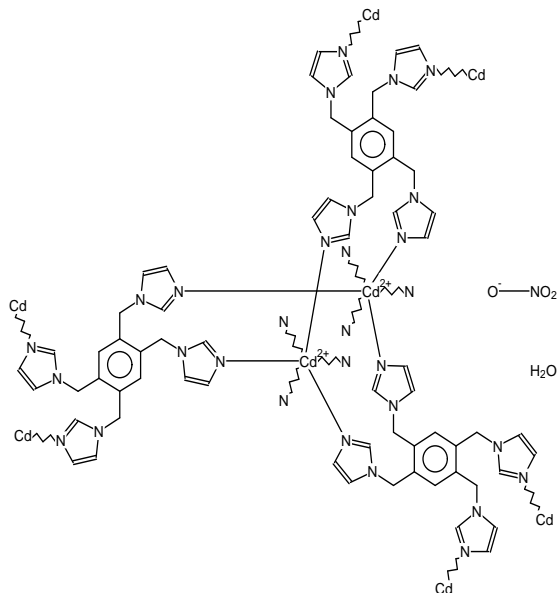
Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm*, 11,261

Formula: (C₆₆H₆₆Cd₂N₂₄⁴⁺)n,4n(N₁O₃¹⁻),6n(H₂O₁)

Compound Name: catena-[tris(μ₄-1,2,4,5-tetrakis(1H-Imidazol-1-ylmethyl)benzene-N³,N³,N³,N³)-di-cadmium(ii) tetranitrate hexahydrate]

Space Group: R-3 **Cell:** a 21.559(1) b 21.559(1) c 14.920(1)
Space Group No.: 148 **(Å,°)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 6.91 **Temperature(K):** 293 **Density(g/cm³):** 1.473



HORHEC

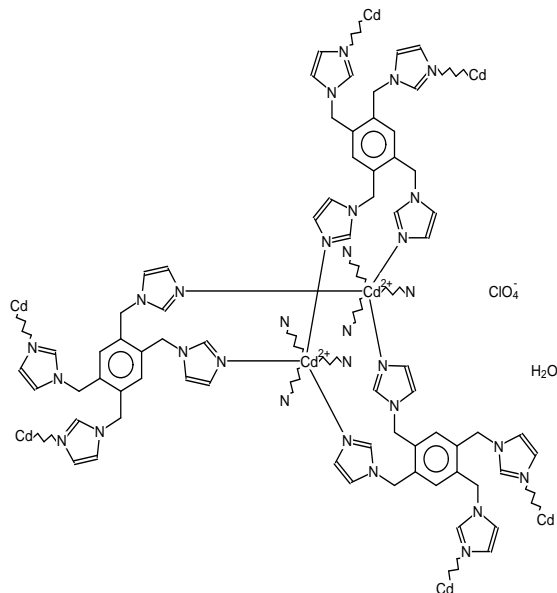
Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm*, 11,261

Formula: (C₆₆H₆₆Cd₂N₂₄⁴⁺)n,4n(Cl₁O₄¹⁻),2n(H₂O₁)

Compound Name: catena-[tris(μ₄-1,2,4,5-tetrakis(1H-Imidazol-1-ylmethyl)benzene-N³,N³,N³,N³)-di-cadmium(ii) tetraperchlorate dihydrate]

Space Group: R-3 **Cell:** a 21.297(6) b 21.297(6) c 15.380(4)
Space Group No.: 148 **(Å,°)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 5.89 **Temperature(K):** 200 **Density(g/cm³):** 1.529



HORHIG

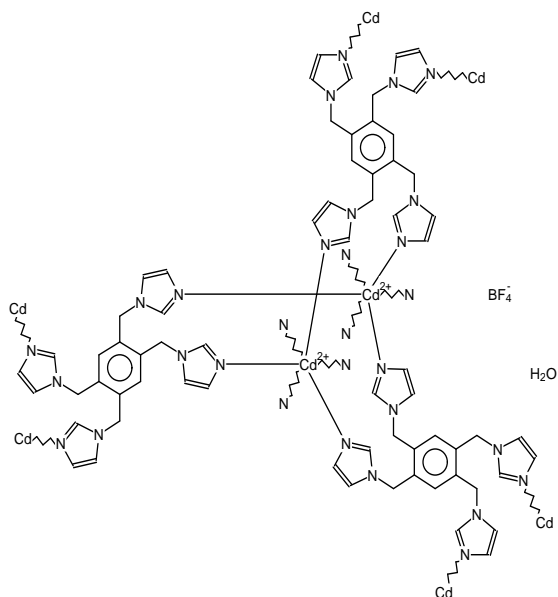
Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm*, 11,261

Formula: (C₆₆H₆₆Cd₂N₂₄⁴⁺)n,4n(B₁F₄¹⁻),2n(H₂O₁)

Compound Name: catena-[tris(μ₄-1,2,4,5-tetrakis(1H-Imidazol-1-ylmethyl)benzene-N³,N³,N³,N³)-di-cadmium(ii) tetrakis(tetrafluoroborate) dihydrate]

Space Group: R-3 **Cell:** a 21.218(5) b 21.218(5) c 15.259(4)
Space Group No.: 148 **(Å,°)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 4.10 **Temperature(K):** 200 **Density(g/cm³):** 1.510



HORHOM

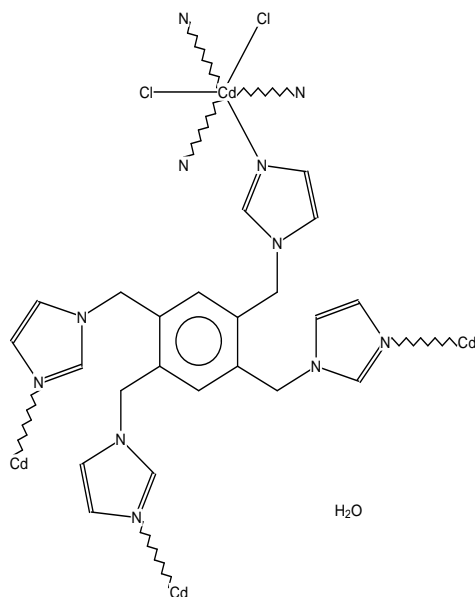
Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm*, 11,261

Formula: (C₂₂H₂₂Cd₁Cl₂N₆)n,2n(H₂O₁)

Compound Name: catena-[μ₄-1,2,4,5-tetrakis(1H-Imidazol-1-ylmethyl)benzene-N³,N³,N³,N³]-dichloro-cadmium(ii) dihydrate]

Space Group: P21/c **Cell:** a 11.040(1) b 8.906(1) c 13.640(2)
Space Group No.: 14 **(Å,°)** α 90.00 β 109.16(0) γ 90.00

R-Factor (%): 4.62 **Temperature(K):** 293 **Density(g/cm³):** 1.620



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 209-212

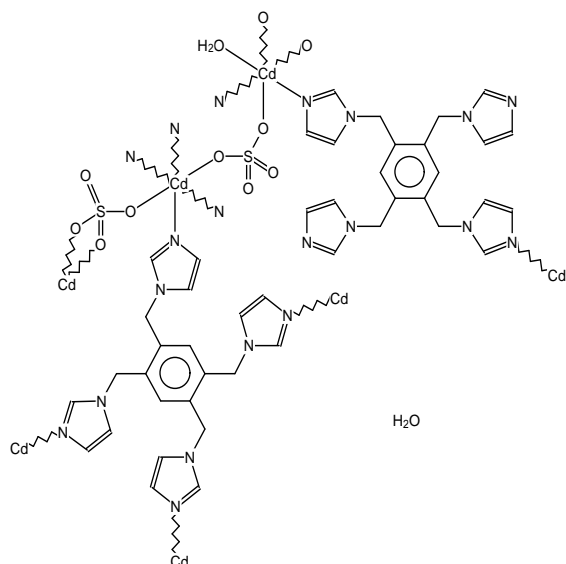
HORHUS

Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm* ,11,261

Formula: (C₄₄ H₄₆ Cd₂ N₁₆ O₉ S₂)n,2n(H₂ O₁)

Compound Name: catena-[(μ₄-1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene-N³,N³,N³,N³)-(μ₂-1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene-N³,N³)-(μ₂-sulfonato-O,O')-(μ₂-sulfonato-O,O')-aqua-di-cadmium(ii) dihydrate]

Space Group: P-1 **Cell:** a 12.839(3) b 14.410(4) c 15.128(4)
Space Group No.: 2 **(Å, °)** α 80.42(1) β 69.34(1) γ 65.30(1)
R-Factor (%): 2.76 **Temperature(K):** 200 **Density(g/cm³):** 1.770



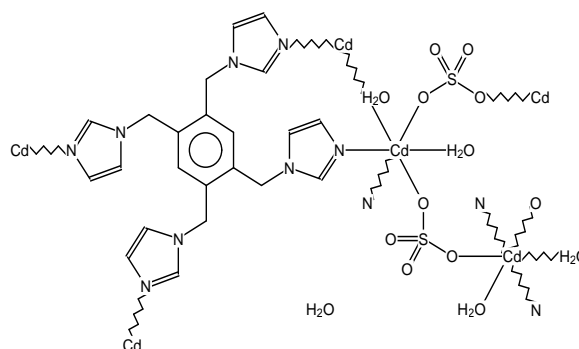
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Reference: Guan-Cheng Xu, Qin Hua, T.Okamura, Zheng-Shuai Bai, Yu-Jie Ding, Yong-Qing Huang, Guang-Xiang Liu, Wei-Yin Sun, N.Ueyama (2009) *CrystEngComm* ,11,261

Formula: (C₂₂ H₂₈ Cd₂ N₈ O₁₁ S₂)n,4n(H₂ O₁)

Compound Name: catena-[(μ₄-1,2,4,5-tetrakis(1H-imidazol-1-ylmethyl)benzene-N³,N³,N³,N³)-(μ₂-aqua)-bis(μ₂-sulfonato-O,O')-diaqua-di-cadmium(ii) tetrahydrate]

Space Group: P43212 **Cell:** a 10.116(2) b 10.116(2) c 31.186(5)
Space Group No.: 96 **(Å, °)** α 90.00 β 90.00 γ 90.00
R-Factor (%): 2.09 **Temperature(K):** 200 **Density(g/cm³):** 1.960



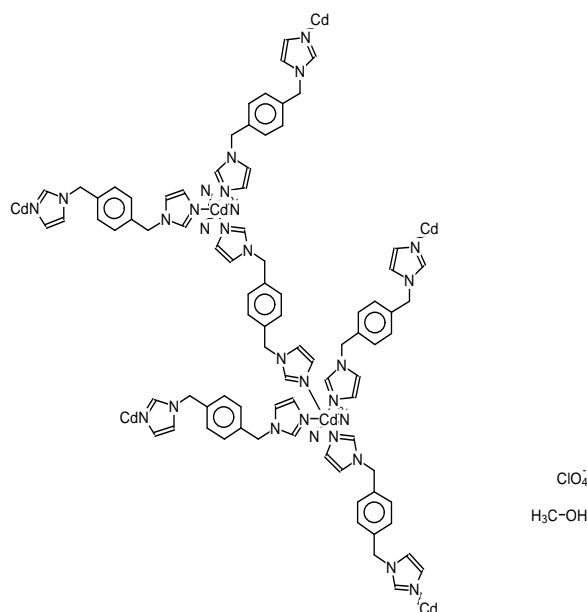
HUKQUZ

Reference: B.F.Abrahams, B.F.Hoskins, R.Robson, D.A.Slizys (2002) *CrystEngComm* ,4,478

Formula: (C₈₄ H₈₄ Cd₂ N₂₄ 4+)n,4n(Cl₁ O₄ 1⁻),1,4n(C₁ H₄ O₁)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-cadmium(ii) diperchlorate methanol solvate)

Space Group: R-3 **Cell:** a 20.783(7) b 20.783(7) c 59.340(30)
Space Group No.: 148 **(Å, °)** α 90.00 β 90.00 γ 120.00
R-Factor (%): 8.24 **Temperature(K):** 120 **Density(g/cm³):** 1.412



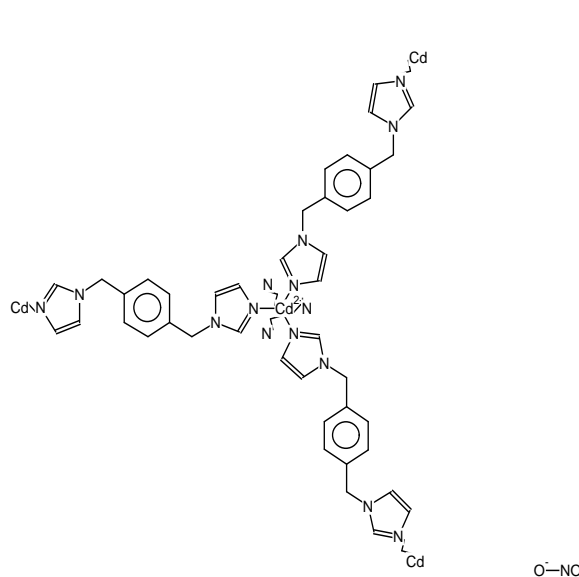
HUKRAG

Reference: B.F.Abrahams, B.F.Hoskins, R.Robson, D.A.Slizys (2002) *CrystEngComm* ,4,478

Formula: (C₄₂ H₄₂ Cd₁ N₁₂ 2+)n,2n(N₁ O₃ 1⁻)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-cadmium(ii) dinitrate)

Space Group: P-1 **Cell:** a 7.918(0) b 11.471(1) c 12.459(0)
Space Group No.: 2 **(Å, °)** α 69.37(0) β 82.97(0) γ 80.40(0)
R-Factor (%): 3.01 **Temperature(K):** 293 **Density(g/cm³):** 1.516



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 213-216

IBITEU

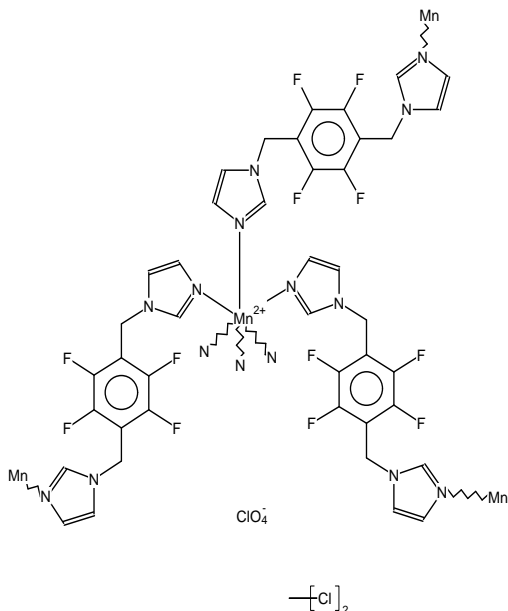
Reference: Zhi-Hui Zhang, Sheng-Chun Chen, Qun Chen, Ming-Yang He, Huan Xu (2011) *Inorg.Chem.Commun.*, **14**,1819

Formula: (C₄₂ H₃₀ F₁₂ Mn₁ N₁₂ 2⁺)n,2n(Cl₁ O₄ 1⁻),n(C₁ H₂ Cl₂)

Compound Name: catena-(tris(μ₂-1,1'-(2,3,5,6-Tetrafluoro-1,4-phenylene)bis(methylene)-bis(1H-imidazole))-manganese dipherchlorate dichloromethane solvate)

Space Group: C2/c **Cell:** a 26.122(3) b 12.744(1) c 20.789(3)
Space Group No.: 15 **Cell:** α 90.00 β 122.13(0) γ 90.00

R-Factor (%): 8.76 **Temperature(K):** 295 **Density(g/cm³):** 1.439



IJECIK

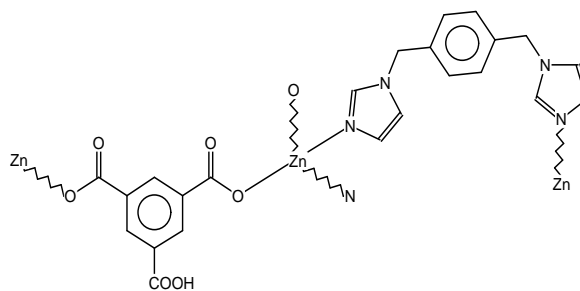
Reference: Jiao Xu, Xiao-Qiang Yao, Liang-Fang Huang, Yi-Zhi Li, He-Gen Zheng (2011) *CrystEngComm*, **13**,857

Formula: (C₂₃ H₁₈ N₄ O₆ Zn₁)n

Compound Name: catena-(μ₂-5-carboxybenzene-1,3-dicarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-zinc

Space Group: P21/c **Cell:** a 10.226(1) b 14.248(2) c 14.761(2)
Space Group No.: 14 **Cell:** α 90.00 β 102.85(0) γ 90.00

R-Factor (%): 4.93 **Temperature(K):** 291 **Density(g/cm³):** 1.621



IJIBOT

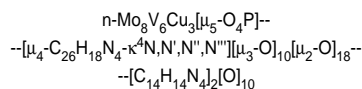
Reference: Jing-Xin Meng, Yang-Guang Li, Hai Fu, Xiao-Lan Wang, En-Bo Wang (2011) *CrystEngComm*, **13**,649

Formula: (C₅₄ H₄₆ Cu₃ Mo₃ N₁₂ O₄₂ P₁ V₆)n,2n(H₂ O₁)

Compound Name: catena-(μ₅-phosphato)-(μ₄-1,2,4,5-tetrakis(4-pyridyl)benzene)-decakis(μ₃-oxo)-octadecakis(μ₂-oxo)-bis(1,4-bis(imidazol-1-ylmethyl)benzene)-decaoxo-tri-copper(i)-octa-molybdenum(vi)-tetra-vanadium-di-vanadium(iv) dihydrate)

Space Group: P-1 **Cell:** a 12.876(3) b 13.256(3) c 14.198(3)
Space Group No.: 2 **Cell:** α 66.67(3) β 67.42(3) γ 75.36(3)

R-Factor (%): 6.95 **Temperature(K):** 150 **Density(g/cm³):** 2.333



H₂O

INIZAH

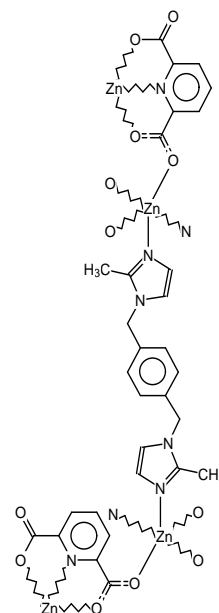
Reference: Tong-Fei Liu, Wan-Fei Wu, Wei-Guo Zhang, Guang-Hua Cui (2011) *Z.Anorg.Allg.Chem.*, **637**,148

Formula: (C₃₀ H₂₄ N₆ O₈ Zn₂)n

Compound Name: catena-(μ₂-1,4-bis((2-methylimidazol-1-yl)methyl)benzene)-bis(μ₂-pyridine-2,6-dicarboxylato)-di-zinc

Space Group: P21/c **Cell:** a 12.414(3) b 7.106(1) c 16.253(4)
Space Group No.: 14 **Cell:** α 90.00 β 99.36(2) γ 90.00

R-Factor (%): 2.85 **Temperature(K):** 293 **Density(g/cm³):** 1.708



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INIZEL

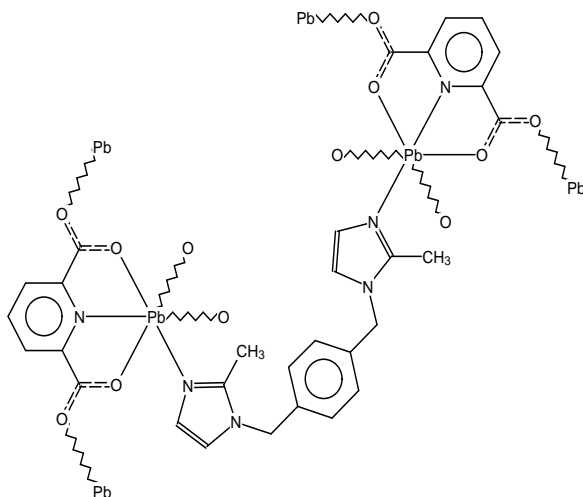
Reference: Tong-Fei Liu, Wan-Fei Wu, Wei-Guo Zhang, Guang-Hua Cui (2011) *Z.Anorg.Allg.Chem.* ,637,148

Formula: (C₃₀ H₂₄ N₆ O₈ Pb₂)_n

Compound Name: catena-(tris(μ₃-pyridine-2,6-dicarboxylato)-(μ₂-1,4-bis((2-methylimidazol-1-yl)methyl)benzene)-di-lead(ii))

Space Group: P2₁/c **Cell:** a 12.325(0) b 10.633(0) c 10.901(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.33(0) γ 90.00

R-Factor (%): 2.06 **Temperature(K):** 293 **Density(g/cm³):** 2.354



IPOFUP

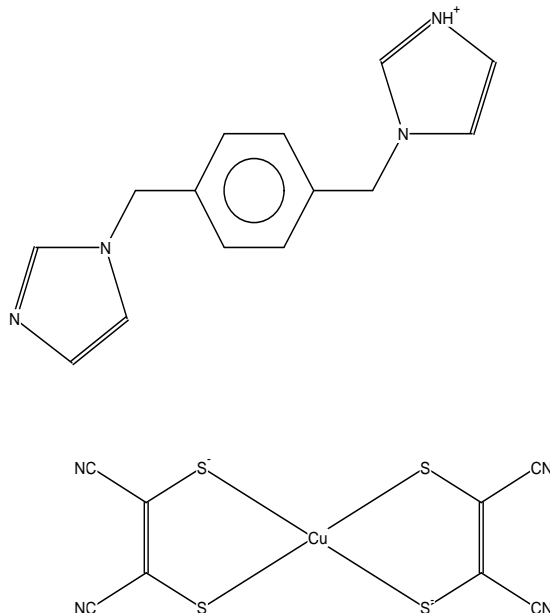
Reference: R.Kishore, B.K.Tripuramallu, G.Durgaprasad, S.K.Das (2011) *J.Mol.Struct.* ,990,37

Formula: 2(C₁₄ H₁₅ N₄ 1⁺), C₈ Cu₁ N₄ S₄ 2⁻

Compound Name: bis(1,1'-(1,4-phenylenebis(methylene))bis-1H-imidazole) bis(2,3-bis(sulfanyl)but-2-enedinitrilato)-copper

Space Group: C2/c **Cell:** a 17.939(3) b 15.411(3) c 13.891(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 100.02(0) γ 90.00

R-Factor (%): 6.07 **Temperature(K):** 298 **Density(g/cm³):** 1.445



IWOVAS

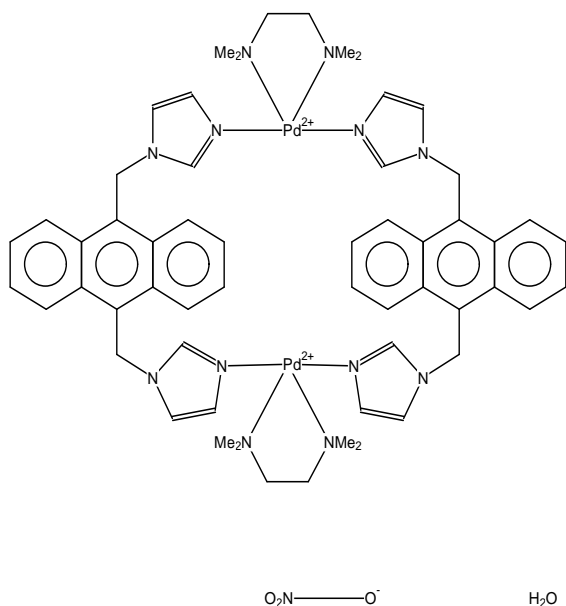
Reference: Liao-Yuan Yao, Lin Qin, Ting-Zheng Xie, Yi-Zhi Li, Shu-Yan Yu (2011) *Inorg.Chem.* ,50,6055

Formula: C₅₆ H₆₈ N₁₂ Pd₂ 4⁺, 4(N₁ O₃ 1⁻), 2(H₂ O₁)

Compound Name: bis(μ₂-1,1'-(anthracene-9,10-diylbis(methylene))bis-1H-imidazole)-bis(N,N,N',N'-tetramethylethane-1,2-diamine)-di-palladium tetranitrate dihydrate

Space Group: P2₁/c **Cell:** a 11.874(1) b 21.633(1) c 27.529(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.30(0) γ 90.00

R-Factor (%): 5.46 **Temperature(K):** 291 **Density(g/cm³):** 1.335



IWOVEV

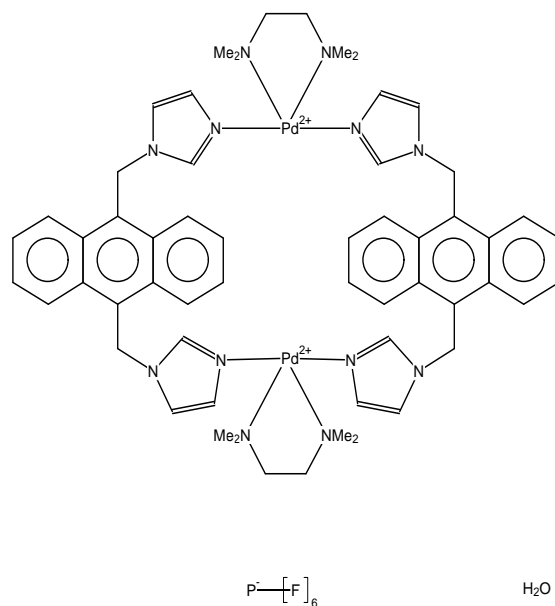
Reference: Liao-Yuan Yao, Lin Qin, Ting-Zheng Xie, Yi-Zhi Li, Shu-Yan Yu (2011) *Inorg.Chem.* ,50,6055

Formula: C₅₆ H₆₈ N₁₂ Pd₂ 4⁺, 4(H₂ O₁), 4(F₆ P₁ 1⁻)

Compound Name: bis(μ₂-1,1'-(anthracene-9,10-diylbis(methylene))bis-1H-imidazole)-bis(N,N,N',N'-tetramethylethane-1,2-diamine)-di-palladium tetrakis(hexafluorophosphate) tetrahydrate

Space Group: C2/c **Cell:** a 21.127(1) b 29.750(1) c 14.756(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 103.11(0) γ 90.00

R-Factor (%): 5.74 **Temperature(K):** 291 **Density(g/cm³):** 1.304



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JEGBAZ

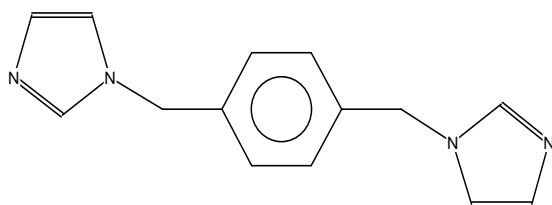
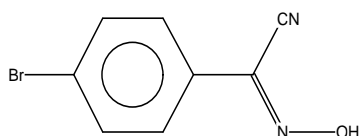
Reference: C.B.Aakeroy, D.J.Salmon, M.M.Smith, J.Desper (2006)
Cryst.Growth Des. ,6,1033

Formula: C₈ H₅ Br₁ N₂ O₁.0.5(C₁₄ H₁₄ N₄)

Compound Name: bis(4-Bromophenylacetonitrile oxime) 1,4-bis((1-imidazolyl)methyl) benzene

Space Group: P2₁/c **Cell:** *a* 12.944(0) *b* 5.186(0) *c* 21.642(0)
Space Group No.: 14 (*A*,°) α 90.00 β 93.45(0) γ 90.00

R-Factor (%): 2.45 **Temperature(K):** 100 **Density(g/cm³):** 1.576



JEGBIH

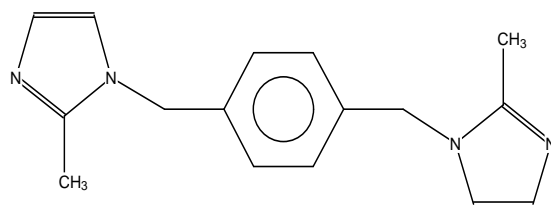
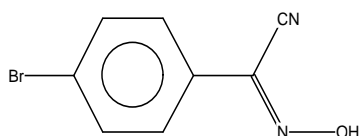
Reference: C.B.Aakeroy, D.J.Salmon, M.M.Smith, J.Desper (2006)
Cryst.Growth Des. ,6,1033

Formula: C₈ H₅ Br₁ N₂ O₁.0.5(C₁₆ H₁₈ N₄)

Compound Name: bis(4-Bromophenylacetonitrile oxime) 1,4-bis((2-methyl-1-imidazolyl)methyl)benzene

Space Group: P-1 **Cell:** *a* 7.003(0) *b* 10.601(1) *c* 11.161(1)
Space Group No.: 2 (*A*,°) α 77.00(0) β 76.00(0) γ 84.92(0)

R-Factor (%): 2.81 **Temperature(K):** 100 **Density(g/cm³):** 1.520



JEGBON

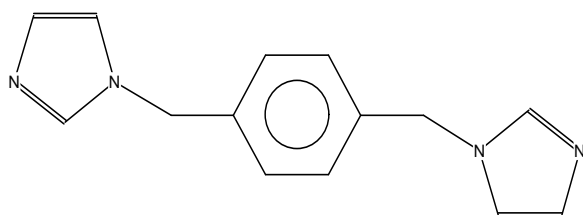
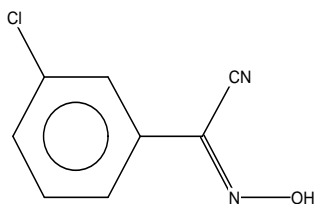
Reference: C.B.Aakeroy, D.J.Salmon, M.M.Smith, J.Desper (2006)
Cryst.Growth Des. ,6,1033

Formula: C₈ H₅ Cl₁ N₂ O₁.0.5(C₁₄ H₁₄ N₄)

Compound Name: bis(3-Chlorophenylacetonitrile oxime) 1,4-bis((1-imidazolyl)methyl) benzene

Space Group: P-1 **Cell:** *a* 5.900(1) *b* 7.223(1) *c* 17.088(3)
Space Group No.: 2 (*A*,°) α 86.11(0) β 89.63(0) γ 73.47(0)

R-Factor (%): 4.53 **Temperature(K):** 100 **Density(g/cm³):** 1.429



JIFVAW

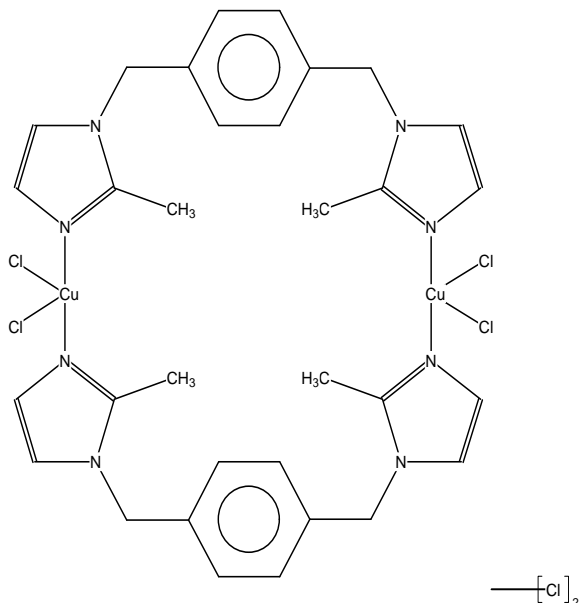
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem. ,31,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈.2(C₁ H₂ Cl₂)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(dichloromethane) clathrate

Space Group: P2₁/c **Cell:** *a* 8.598(3) *b* 13.177(4) *c* 18.105(6)
Space Group No.: 14 (*A*,°) α 90.00 β 95.18(0) γ 90.00

R-Factor (%): 6.20 **Temperature(K):** 100 **Density(g/cm³):** 1.579



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JIFVEA

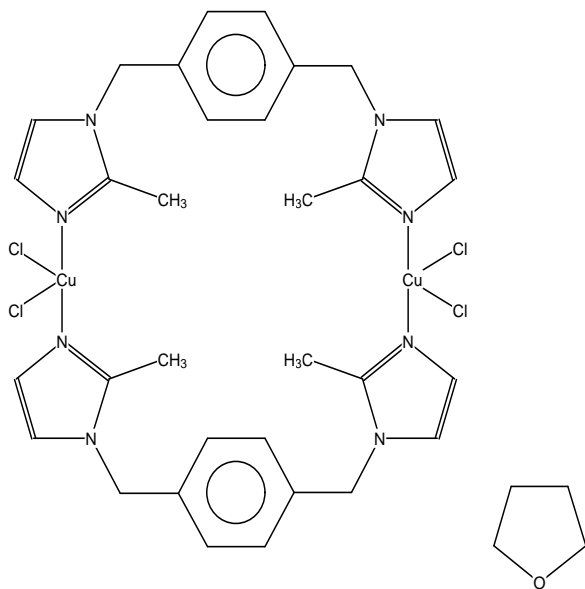
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem. ,31,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈·2(C₄ H₈ O₁)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(tetrahydrofuran) clathrate

Space Group: P21/c **Cell:** a 8.826(3) b 13.103(5) c 18.057(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.84(0) γ 90.00

R-Factor (%): 9.08 **Temperature(K):** 100 **Density(g/cm³):** 1.512



JIFVIE

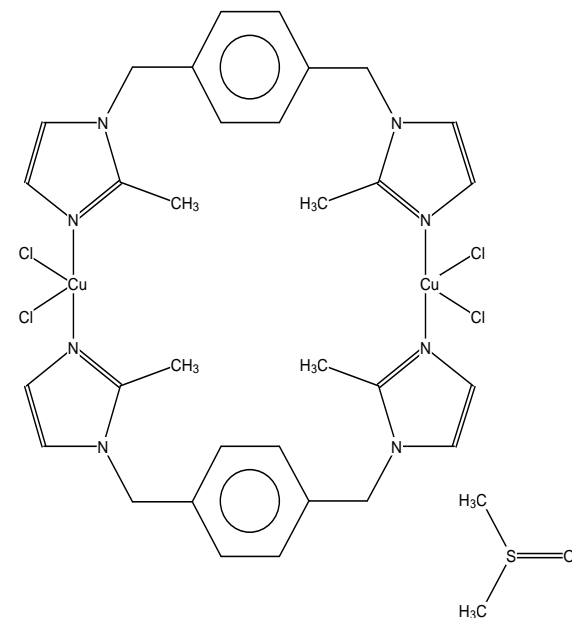
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem. ,31,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈·2(C₂ H₆ O₁ S₁)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(dimethylsulfoxide) clathrate

Space Group: P21/c **Cell:** a 8.882(1) b 13.050(2) c 17.792(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.49(0) γ 90.00

R-Factor (%): 5.16 **Temperature(K):** 100 **Density(g/cm³):** 1.550



JIFVOK

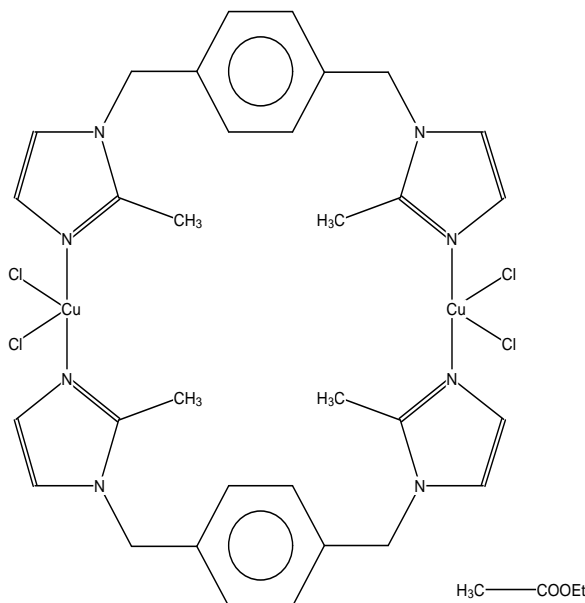
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem. ,31,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈·C₄ H₈ O₂

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper ethyl acetate clathrate

Space Group: P21/c **Cell:** a 8.404(1) b 12.927(2) c 18.195(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.27(0) γ 90.00

R-Factor (%): 7.21 **Temperature(K):** 100 **Density(g/cm³):** 1.495



JODVEE

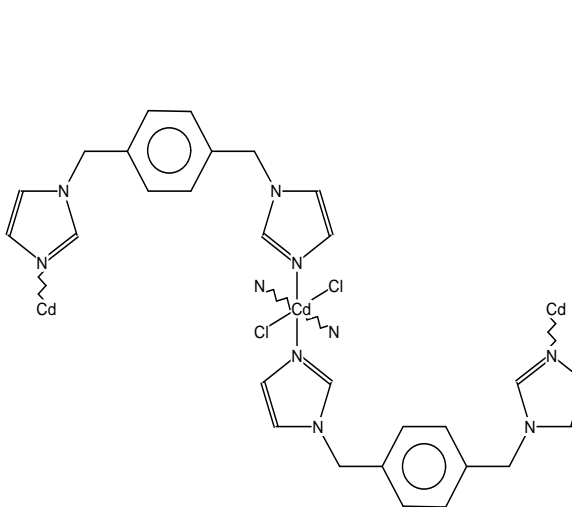
Reference: Yu Ding, Genwen Zheng, Zhengbing Fu, Xinliang Hu (2008) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,64,m973

Formula: (C₂₈ H₂₈ Cd₁ Cl₂ N₈)_n

Compound Name: catena-(bis(μ₂-1,4-bis((1-imidazol-1-yl)methyl)benzene)-dichloro-cadmium(ii))

Space Group: P21/c **Cell:** a 7.798(0) b 12.827(0) c 14.419(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 105.64(0) γ 90.00

R-Factor (%): 2.38 **Temperature(K):** 293 **Density(g/cm³):** 1.578



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 229-232

JODVEE01

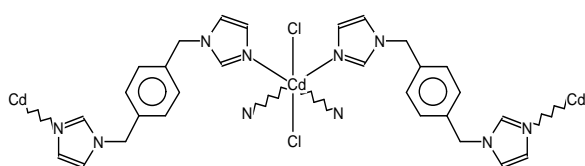
Reference: Yu Ding, Zong-Jun Ku, Huan-Bo Zhou, Da-Shun Gao, Chun-Lian Li (2009) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **25**,544

Formula: (C₂₈ H₂₈ Cd₁ Cl₂ N₈)_n

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-dichloro-cadmium(ii))

Space Group: P21/c **Cell:** a 7.798(0) b 12.827(0) c 14.419(0)
Space Group No.: 14 **(Å,°)** α 90.00 β 105.64(0) γ 90.00

R-Factor (%): 2.38 **Temperature(K):** 293 **Density(g/cm³):** 1.578



KAHPIU

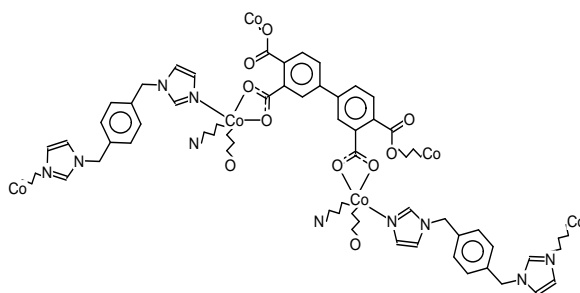
Reference: Zi-Liang Wang, Ming-Xue Li (2010) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, **66**,m311

Formula: (C₄₄ H₃₄ Co₂ N₈ O₈)_n

Compound Name: catena-[(μ₄-biphenyl-3,3',4,4'-tetracarboxylato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cobalt(ii)]

Space Group: P21/n **Cell:** a 9.324(1) b 11.026(1) c 19.675(3)
Space Group No.: 14 **(Å,°)** α 90.00 β 98.87(0) γ 90.00

R-Factor (%): 4.95 **Temperature(K):** 298 **Density(g/cm³):** 32.127



KAHPIU01

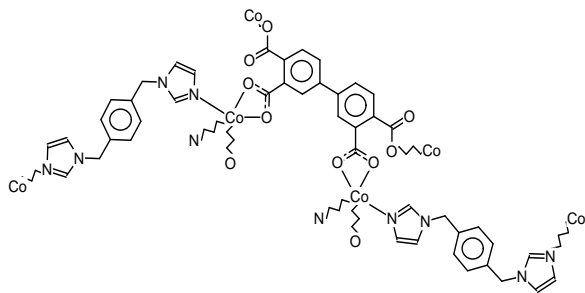
Reference: Li-Xin Sun, Yan Qi, You-Ming Wang, Yun-Xia Che, Ji-Min Zheng (2010) *CrystEngComm*, **12**,1540

Formula: (C₄₄ H₃₄ Co₂ N₈ O₈)_n

Compound Name: catena-[(μ₄-Biphenyl-3,3',4,4'-tetracarboxylato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cobalt(ii)]

Space Group: P21/c **Cell:** a 9.311(1) b 11.023(2) c 20.395(6)
Space Group No.: 14 **(Å,°)** α 90.00 β 107.92(3) γ 90.00

R-Factor (%): 6.72 **Temperature(K):** 298 **Density(g/cm³):** 1.535



KASSED

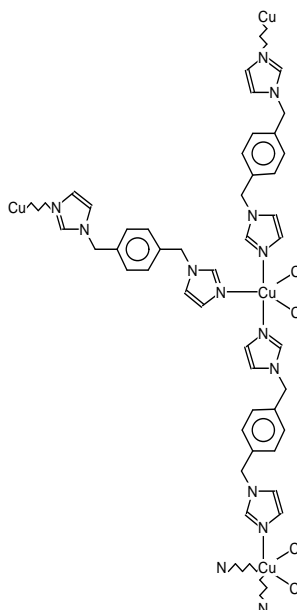
Reference: Tao Li, Sheng-Min Hu, Shao-Wu Du (2005) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, **61**,m409

Formula: (C₄₂ H₄₂ Cl₄ Cu₂ N₁₂)_n

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-tetrachloro-di-copper(ii))

Space Group: P-1 **Cell:** a 9.752(5) b 9.894(6) c 11.685(6)
Space Group No.: 2 **(Å,°)** α 105.96(0) β 99.76(0) γ 98.06(0)

R-Factor (%): 4.47 **Temperature(K):** 293 **Density(g/cm³):** 1.560



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 233-236

KATDAM

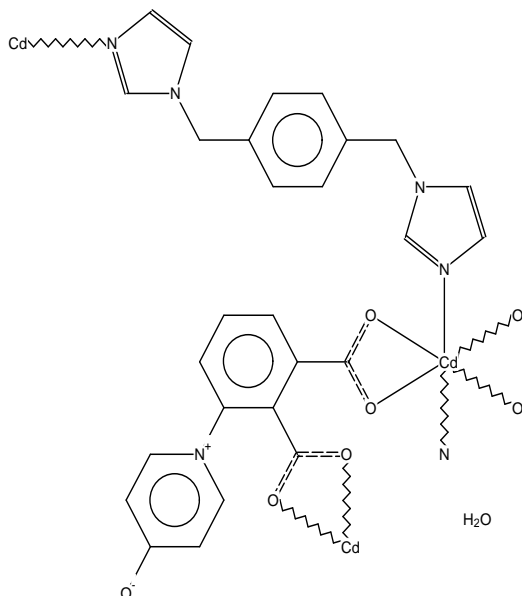
Reference: Xio-Li Sun, Wen-Chao Song, Shuang-Quan Zang, Chen-Xia Du, Hong-Wei Hou, T.C.W.Mak (2012) *Chem.Commun.*, **48**, 2113

Formula: (C₂₇H₂₁Cd₁N₅O₅)_n.1.75n(H₂O)₁

Compound Name: catena-((μ₂-3-(4-oxypyridinium-1-yl)phthalato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-cadmium hydrate)

Space Group: P61 **Cell:** a 21.075(0) b 21.075(0) c 11.203(0)
Space Group No.: 169 **Cell:** (Å, °) α 90.00 β 90.00 γ 120.00

R-Factor (%): 3.66 **Temperature(K):** 296 **Density(g/cm³):** 1.478



KAVXEM

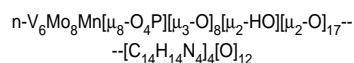
Reference: Yan Ding, Jing-Xin Meng, Wei-Lin Chen, En-Bo Wang (2011) *CrystEngComm*, **13**,2687

Formula: (C₅₆H₅₇Mn₁Mo₈N₁₆O₄₂P₁V₆)_n.2n(H₂O)₁

Compound Name: catena-((μ₈-phosphato)-octakis(μ₃-oxo)-(μ₂-hydroxo)-heptadecakis(μ₂-oxo)-tetrakis(1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-dodecaoxo-manganese(ii)-octa-molybdenum(vi)-tetra-vanadium(v)-di-vanadium(iv) dihydrate)

Space Group: I41/a **Cell:** a 23.033(10) b 23.033(10) c 15.607(3)
Space Group No.: 88 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.09 **Temperature(K):** 150 **Density(g/cm³):** 2.263



H₂O

KAVXIQ

Reference: Yan Ding, Jing-Xin Meng, Wei-Lin Chen, En-Bo Wang (2011) *CrystEngComm*, **13**,2687

Formula: (C₅₆H₅₆Mo₈N₁₆O₄₂P₁V₆Zn₁)_n.2n(H₂O)₁

Compound Name: catena-((μ₈-phosphato)-octakis(μ₃-oxo)-octadecakis(μ₂-oxo)-tetrakis(1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-dodecaoxo-zinc(ii)-nona-molybdenum(vi)-tri-vanadium(v)-di-vanadium(iv) dihydrate)

Space Group: I41/a **Cell:** a 22.921(3) b 22.921(3) c 15.642(3)
Space Group No.: 88 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.32 **Temperature(K):** 150 **Density(g/cm³):** 2.288

KAVXOW

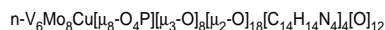
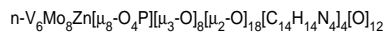
Reference: Yan Ding, Jing-Xin Meng, Wei-Lin Chen, En-Bo Wang (2011) *CrystEngComm*, **13**,2687

Formula: (C₅₆H₅₆Cu₁Mo₈N₁₆O₄₂P₁V₆)_n.4n(H₂O)₁

Compound Name: catena-((μ₈-phosphato)-octakis(μ₃-oxo)-octadecakis(μ₂-oxo)-tetrakis(1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-dodecaoxo-copper(ii)-nona-molybdenum(vi)-tri-vanadium(v)-di-vanadium(iv) tetrahydrate)

Space Group: I41/a **Cell:** a 22.878(9) b 22.878(9) c 15.853(3)
Space Group No.: 88 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.34 **Temperature(K):** 150 **Density(g/cm³):** 2.293



H₂O

H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 237-240

KAVXUC

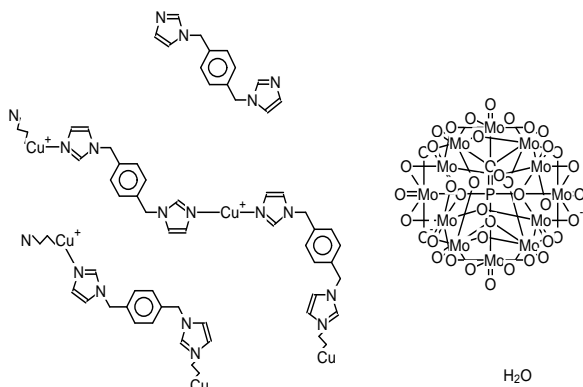
Reference: Yan Ding, Jing-Xin Meng, Wei-Lin Chen, En-Bo Wang (2011) *CrystEngComm*, **13**,2687

Formula: $(C_{14}H_{14}Cu_1N_4^{1+})_n(C_{28}H_{28}Cu_2N_8^{2+})_n \cdot 4n(H_2O)_1 \cdot n(C_{14}H_{14}N_4)_n \cdot n(Mo_{12}O_{40})_n$

Compound Name: catena-(bis(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-copper(I) (μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-copper(I) (μ_2 -phosphato)-tetracosakis(μ_2 -oxo)-dodecaoxo-dodecamolybdenum 1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole) tetrahydrate)

Space Group: P-1 **Cell:** a 13.280(3) b 13.476(3) c 14.623(3)
Space Group No.: 2 **Cell:** α 109.29(3) β 116.85(3) γ 97.96(3)

R-Factor (%): 6.57 **Temperature(K):** 150 **Density(g/cm³):** 2.436



KETSIN

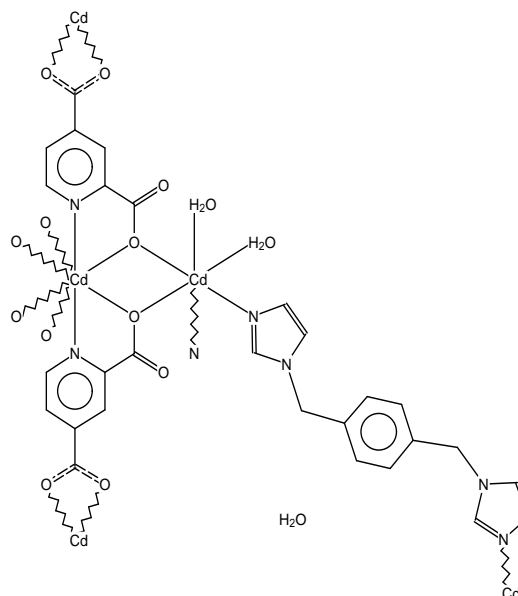
Reference: Xiu-Mei Li, Jian-Ye Ji, Zhi-Tao Wang, Bo Liu (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **31**,1464

Formula: $(C_{28}H_{24}Cd_2N_6O_{10})_n \cdot n(H_2O)_1$

Compound Name: catena-(bis(μ_3 -pyridine-2,4-dicarboxylato)-(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-cadmium monohydrate)

Space Group: P212121 **Cell:** a 11.741(3) b 14.190(4) c 18.963(5)
Space Group No.: 19 **Cell:** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.81 **Temperature(K):** 292 **Density(g/cm³):** 1.781



KEXRIQ

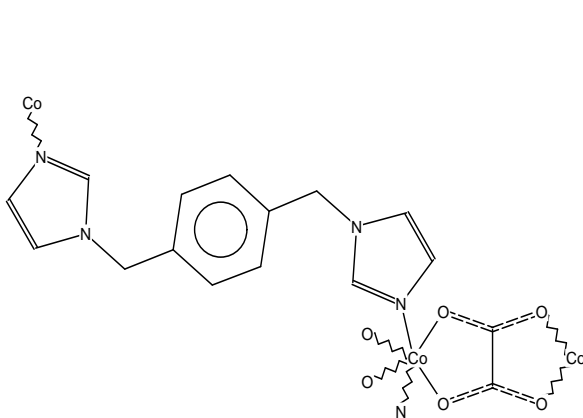
Reference: Zhi-Tao Wang, Jian-Ye Ji, Xiu-Mei Li, Yan-Ling Niu, Qing-Wei Wang, Bo Liu (2013) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **32**,296

Formula: $(C_{16}H_{12}Co_1N_4O_4)_n$

Compound Name: catena-(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene)-(μ_2 -oxalato)-cobalt)

Space Group: C2/c **Cell:** a 11.549(3) b 15.700(3) c 9.260(2)
Space Group No.: 15 **Cell:** α 90.00 β 102.98(0) γ 90.00

R-Factor (%): 4.55 **Temperature(K):** 292 **Density(g/cm³):** 1.556



KIBFAE

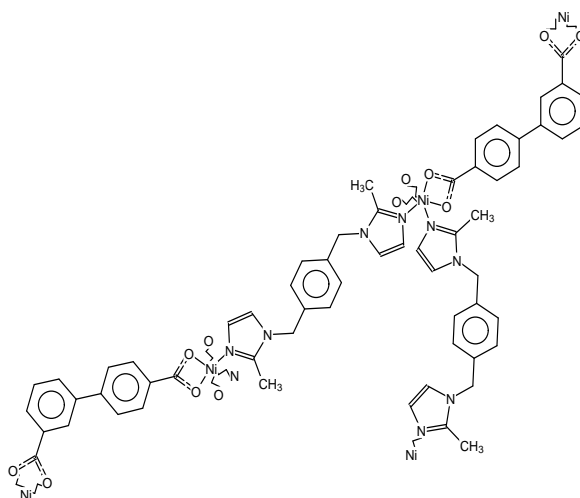
Reference: Zhong Sun, Yuanshuai Ding, Lajin Tian, Xiutang Zhang (2013) *J.Coord.Chem.*, **66**,763

Formula: $(C_{60}H_{52}Ni_2O_8)_n$

Compound Name: catena-(bis(μ_2 -Biphenyl-3,4'-dicarboxylato)-bis(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-nickel)

Space Group: P21/c **Cell:** a 10.356(1) b 16.833(1) c 16.454(1)
Space Group No.: 14 **Cell:** α 90.00 β 107.48(0) γ 90.00

R-Factor (%): 4.36 **Temperature(K):** 293 **Density(g/cm³):** 1.372



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 241-244

KIBFEI

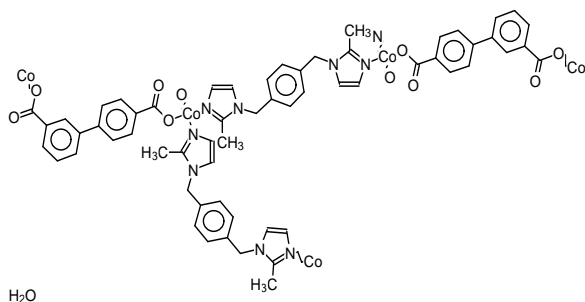
Reference: Zhong Sun, Yuanshuai Ding, Laijin Tian, Xiutang Zhang (2013) *J.Coord.Chem.* ,**66**,763

Formula: (C₆₀ H₅₂ Co₂ N₈ O₈)_n·2n(H₂ O₄)

Compound Name: catena-(bis(μ₂-Biphenyl-3,4'-dicarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-cobalt dihydrate)

Space Group: P21/n **Cell:** a 9.940(3) b 21.520(6) c 13.463(4)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 92.52(0) γ 90.00

R-Factor (%): 4.83 **Temperature(K):** 293 **Density(g/cm³):** 1.347



KIHYEY

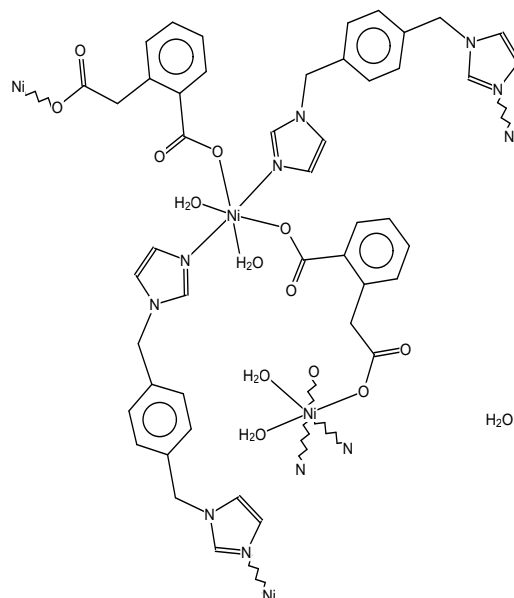
Reference: Yan Wang, Song-Quan Shen, Ju-Hong Zhou, Tao Wang, Su-Na Wang, Guang-Xiang Liu (2013) *Inorg.Chem.Commun.* ,**30**,5

Formula: (C₄₈ H₄₈ N₈ Ni₂ O₁₂)_n·2n(H₂ O₁)

Compound Name: catena-[bis(μ₂-2-(Carboxylatomethyl)benzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetra-aqua-di-nickel(ii) dihydrate]

Space Group: P21/c **Cell:** a 11.295(1) b 13.177(1) c 18.980(1)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 122.22(0) γ 90.00

R-Factor (%): 3.59 **Temperature(K):** 293 **Density(g/cm³):** 1.471



KIJJAQ

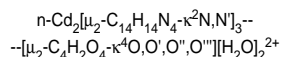
Reference: Xin-Hua Lou, Chen Xu, Hong-Mei Li, Zhi-Jie Zhang, Hao Zhang (2013) *J.Inorg.Organomet.Polym.* ,**23**,659

Formula: (C₄₆ H₄₈ Cd₂ N₁₂ O₆²⁺)_n·2n(N₁ O₃¹⁻)

Compound Name: catena-[tris(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-(μ₂-but-2-enedioato)-diaqua-di-cadmium(ii) dinitrate]

Space Group: P21/c **Cell:** a 13.011(0) b 11.534(0) c 18.343(1)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 115.47(0) γ 90.00

R-Factor (%): 3.51 **Temperature(K):** 293 **Density(g/cm³):** 1.622



KIMXOV

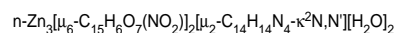
Reference: Shu-Na Zhao, Sheng-Qun Su, Xue-Zhi Song, Min Zhu, Zhao-Min Hao, Xing Meng, Shu-Yan Song, Hong-Jie Zhang (2013) *Cryst.Growth Des.* ,**13**,2756

Formula: (C₄₄ H₃₀ N₆ O₂₀ Zn₃)_n·2n(H₂ O₁)

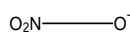
Compound Name: catena-[bis(μ₆-5-(4-carboxylato-2-nitrophenoxy)isophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-tri-zinc dihydrate]

Space Group: P-1 **Cell:** a 9.704(0) b 11.492(0) c 12.175(0)
Space Group No.: 2 **Cell:** (Å, °) α 71.12(0) β 69.10(0) γ 74.06(0)

R-Factor (%): 2.80 **Temperature(K):** 185 **Density(g/cm³):** 1.681



H₂O



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 245-248

KIMXUB

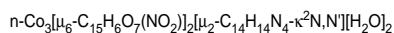
Reference: Shu-Na Zhao, Sheng-Qun Su, Xue-Zhi Song, Min Zhu, Zhao-Min Hao, Xing Meng, Shu-Yan Song, Hong-Jie Zhang (2013) *Cryst. Growth Des.*, **13**,2756

Formula: (C₄₄ H₃₀ Co₃ N₆ O₂₀)_n·2(H₂ O₁)

Compound Name: catena-[bis(μ₆-5-(4-carboxylato-2-nitrophenoxy)isophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-tri-cobalt dihydrate]

Space Group: P-1 **Cell:** **a** 9.647(0) **b** 11.474(0) **c** 12.080(0)
Space Group No.: 2 **(Å, °)** **α** 71.25(0) **β** 70.16(0) **γ** 74.92(0)

R-Factor (%): 4.62 **Temperature(K):** 185 **Density(g/cm³):** 1.663



H₂O

KIRJOM

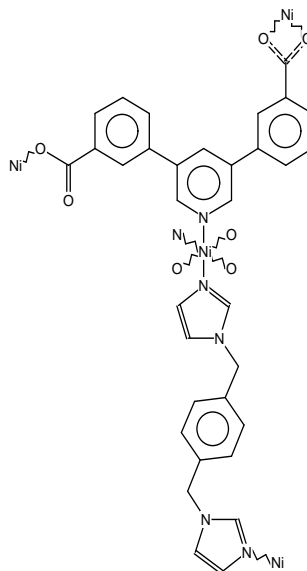
Reference: Liming Fan, Xiutang Zhang, Zhong Sun, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Xian Zhao, Han Lei (2013) *Cryst. Growth Des.*, **13**,2462

Formula: (C₃₃ H₂₅ Ni₅ O₄)_n·2n(H₂ O₁)

Compound Name: catena-((μ₃-3,3'-Pyridine-3,5-diylidibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-nickel dihydrate)

Space Group: P21/c **Cell:** **a** 10.741(2) **b** 15.253(3) **c** 19.025(4)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 98.16(0) **γ** 90.00

R-Factor (%): 5.08 **Temperature(K):** 296 **Density(g/cm³):** 1.400



H₂O

KIRJUS

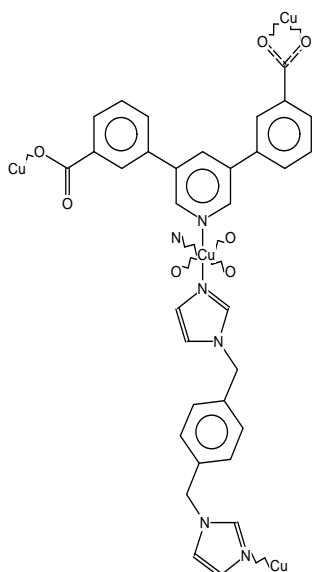
Reference: Liming Fan, Xiutang Zhang, Zhong Sun, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Xian Zhao, Han Lei (2013) *Cryst. Growth Des.*, **13**,2462

Formula: (C₃₃ H₂₅ Cu₁ N₅ O₄)_n·n(H₂ O₁)

Compound Name: catena-((μ₃-3,3'-Pyridine-3,5-diylidibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-copper monohydrate)

Space Group: P21/c **Cell:** **a** 10.990(3) **b** 16.233(4) **c** 18.276(4)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 96.62(0) **γ** 90.00

R-Factor (%): 7.74 **Temperature(K):** 296 **Density(g/cm³):** 1.307



H₂O

KIRKAZ

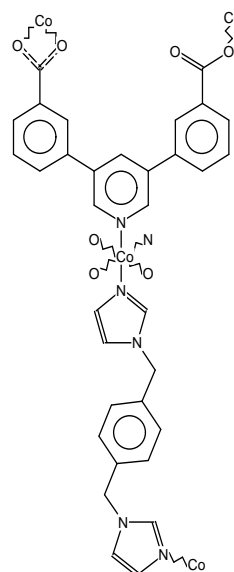
Reference: Liming Fan, Xiutang Zhang, Zhong Sun, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Xian Zhao, Han Lei (2013) *Cryst. Growth Des.*, **13**,2462

Formula: (C₃₃ H₂₅ Co₁ N₅ O₄)_n·2n(H₂ O₁)

Compound Name: catena-((μ₃-3,3'-Pyridine-3,5-diylidibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cobalt dihydrate)

Space Group: P21/n **Cell:** **a** 13.437(0) **b** 16.628(0) **c** 13.665(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 95.38(0) **γ** 90.00

R-Factor (%): 3.92 **Temperature(K):** 296 **Density(g/cm³):** 1.422



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 249-252

KUQYOL

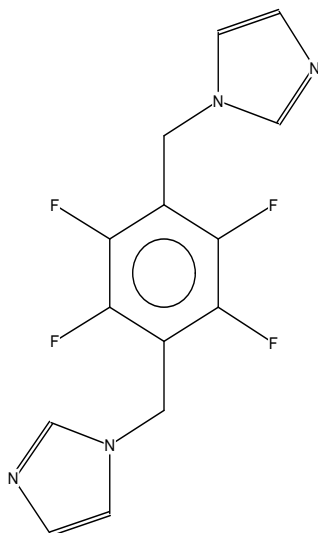
Reference: Huan Xu, Jin-Ling Mi, Zhao-Jian Hu, Xiu-Kai Guo, Qun Chen (2010) *Acta Crystallogr., Sect. C: Cryst. Struct. Commun.* , **66**, o151

Formula: C₁₄ H₁₀ F₄ N₄·2(H₂O)

Compound Name: 1,1'-(2,3,5,6-Tetrafluoro-1,4-phenylene)bis(methylene)bis-1H-imidazole dihydrate

Space Group: R-3 **Cell:** a 17.753(10) b 17.753(10) c 12.756(7)
Space Group No.: 148 **(Å, °)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 4.15 **Temperature(K):** 297 **Density(g/cm³):** 1.486



H₂O

LABQOW

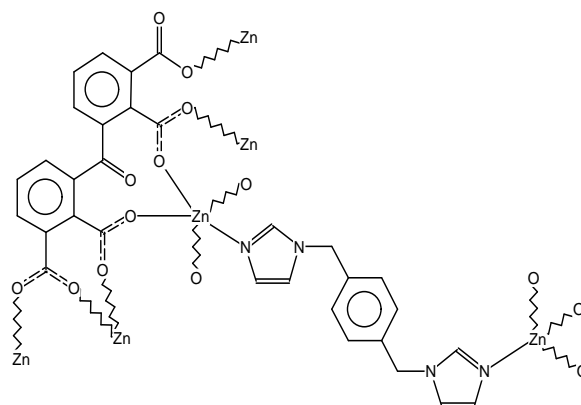
Reference: Shuang-Quan Zhang, Ran Liang, Ya-Juan Fan, Hong-Wei Hou, T.C.W.Mak (2010) *Dalton Trans.* , **39**,8022

Formula: (C₃₁ H₂₀ N₄ O₉ Zn₂)_n·n(H₂O)

Compound Name: catena-((μ₂-3,3'-carbonyldipthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-di-zinc(ii) monohydrate)

Space Group: P-1 **Cell:** a 10.989(0) b 11.412(0) c 12.329(0)
Space Group No.: 2 **(Å, °)** α 80.88(0) β 84.90(0) γ 68.30(0)

R-Factor (%): 4.31 **Temperature(K):** 296 **Density(g/cm³):** 1.737



H₂O

LABROX

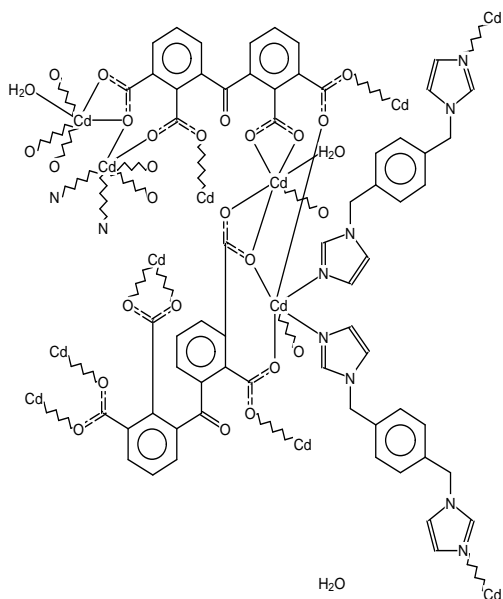
Reference: Shuang-Quan Zhang, Ran Liang, Ya-Juan Fan, Hong-Wei Hou, T.C.W.Mak (2010) *Dalton Trans.* , **39**,8022

Formula: (C₆₂ H₄₄ Cd₄ N₈ O₂₀)_n·4.5n(H₂O)

Compound Name: catena-(bis(μ₂-3,3'-carbonyldipthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-di-aqua-tetra-cadmium(ii) hydrate)

Space Group: P-1 **Cell:** a 11.659(2) b 11.789(2) c 12.945(3)
Space Group No.: 2 **(Å, °)** α 70.39(3) β 67.92(3) γ 85.77(3)

R-Factor (%): 4.87 **Temperature(K):** 296 **Density(g/cm³):** 1.876



H₂O

LAKBIK

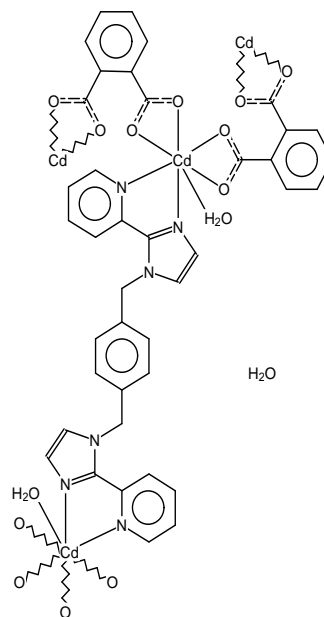
Reference: Guang-Xiang Liu, Heng Xu, Xiao-Ming Ren (2010) *Wuji Huaxue Xuebao(Chin.)/Chin.J.Inorg.Chem.* , **26**,1851

Formula: (C₄₀ H₃₂ Cd₂ N₆ O₁₀)_n·2n(H₂O)

Compound Name: catena-(μ₂-1,4-bis(2-(pyridin-2-yl)-1H-imidazol-1-ylmethyl)benzene)-bis(μ₂-phthalato)-diaqua-di-cadmium(ii) dihydrate)

Space Group: P21/c **Cell:** a 15.919(3) b 6.892(1) c 22.295(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 126.88(1) γ 90.00

R-Factor (%): 4.94 **Temperature(K):** 293 **Density(g/cm³):** 1.727



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 253-256

LAKYAZ

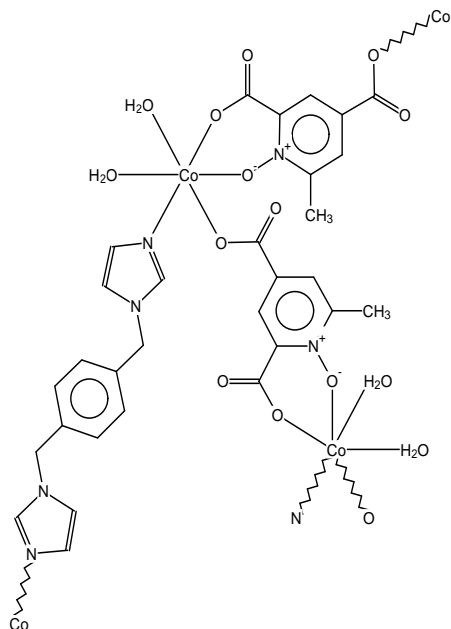
Reference: Jian-Guo Lin, Ling Qiu (2010) *J.Chem.Cryst.* **40**,940

Formula: (C₃₀ H₃₂ Co₂ N₆ O₁₄)_n

Compound Name: catena-(bis(μ₂-6-Methylpyridine-2,4-dicarboxylato N-oxide)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-aqua-di-cobalt(ii))

Space Group: P21/n **Cell:** a 10.269(2) b 10.462(2) c 15.875(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 107.66(0) γ 90.00

R-Factor (%): 3.37 **Temperature(K):** 293 **Density(g/cm³):** 1.673



LATKUN

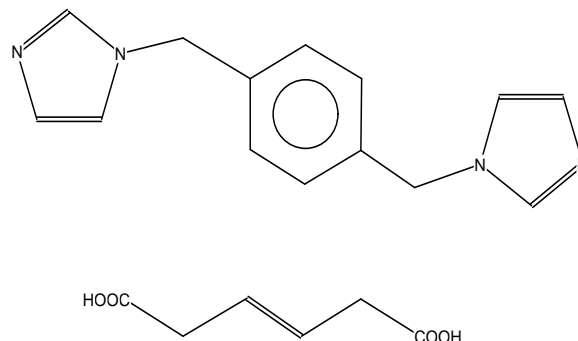
Reference: C.B.Aakeroy, J.Desper, B.Leonard, J.F.Urbina (2005) *Cryst.Growth Des.* **5**,865

Formula: C₁₄ H₁₄ N₄ C₆ H₈ O₄

Compound Name: 1,4-bis((Imidazol-1-yl)methyl)benzene trans-3-hexenedioic acid

Space Group: P21/n **Cell:** a 6.360(0) b 9.732(1) c 15.357(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.87(0) γ 90.00

R-Factor (%): 5.34 **Temperature(K):** 203 **Density(g/cm³):** 1.341



LATLAU

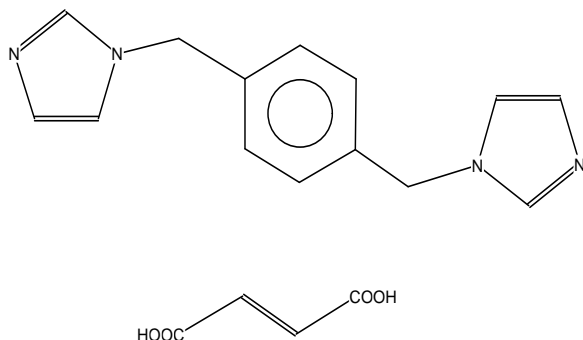
Reference: C.B.Aakeroy, J.Desper, B.Leonard, J.F.Urbina (2005) *Cryst.Growth Des.* **5**,865

Formula: C₁₄ H₁₄ N₄ C₄ H₄ O₄

Compound Name: 1,4-bis((Imidazol-1-yl)methyl)benzene fumaric acid

Space Group: P21/n **Cell:** a 5.223(0) b 13.288(1) c 12.145(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.26(0) γ 90.00

R-Factor (%): 4.84 **Temperature(K):** 203 **Density(g/cm³):** 1.399



LATLEY

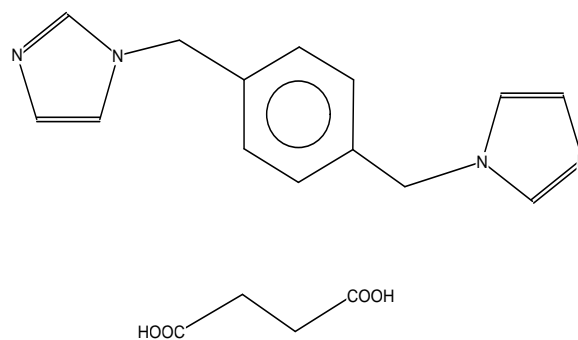
Reference: C.B.Aakeroy, J.Desper, B.Leonard, J.F.Urbina (2005) *Cryst.Growth Des.* **5**,865

Formula: C₁₄ H₁₄ N₄ C₄ H₆ O₄

Compound Name: 1,4-bis((Imidazol-1-yl)methyl)benzene succinic acid

Space Group: P21/n **Cell:** a 5.073(0) b 13.767(1) c 12.195(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.25(0) γ 90.00

R-Factor (%): 3.97 **Temperature(K):** 203 **Density(g/cm³):** 1.390



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 257-260

LATLIC

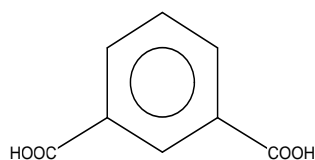
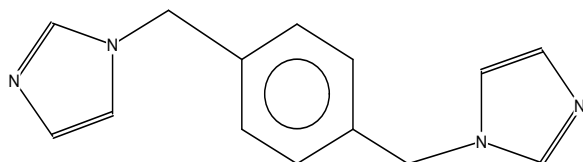
Reference: C.B.Aakeroy, J.Desper, B.Leonard, J.F.Urbina (2005)
Cryst.Growth Des. ,5,865

Formula: C₁₄ H₁₄ N₄ C₈ H₆ O₄

Compound Name: 1,4-bis-((imidazol-1-yl)methyl)benzene isophthalic acid

Space Group: C2/c **Cell:** a 28.229(4) b 6.974(1) c 10.878(1)
Space Group No.: 15 **(Å,°)** α 90.00 β 111.25(0) γ 90.00

R-Factor (%): 4.79 **Temperature(K):** 203 **Density(g/cm³):** 1.346



LEBXOH

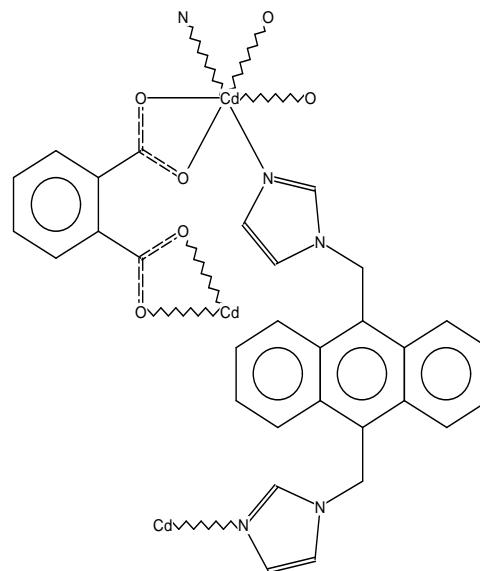
Reference: Wei-Qiu Kan, Jin Yang, Ying-Ying Liu, Jian-Fang Ma (2011) *Polyhedron* ,30,2106

Formula: (C₃₀ H₂₂ Cd₁ N₄ O₄)_n · 1.25n(H₂O)₁

Compound Name: catena-((μ₂-1,1'-(anthracene-9,10-diybis(methylene))bis(1H-imidazole))-(μ₂-phthalato)-cadmium(ii) hydrate)

Space Group: P2₁/n **Cell:** a 13.345(0) b 11.110(0) c 19.587(0)
Space Group No.: 14 **(Å,°)** α 90.00 β 102.27(0) γ 90.00

R-Factor (%): 3.80 **Temperature(K):** 293 **Density(g/cm³):** 1.492



H₂O

LEBXUN

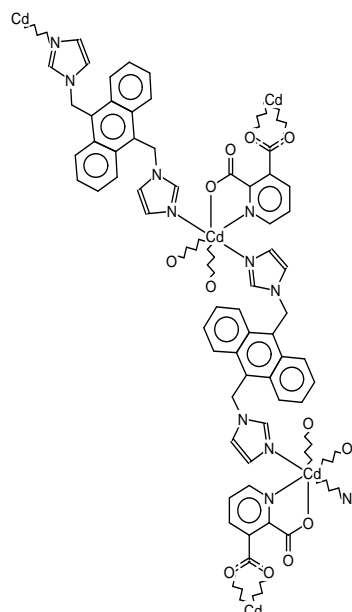
Reference: Wei-Qiu Kan, Jin Yang, Ying-Ying Liu, Jian-Fang Ma (2011) *Polyhedron* ,30,2106

Formula: (C₅₈ H₄₂ Cd₂ N₁₀ O₈)_n

Compound Name: catena-(bis(μ₂-1,1'-(anthracene-9,10-diybis(methylene))bis(1H-imidazole))-bis(μ₂-pyridine-2,3-dicarboxylato)-di-cadmium(ii))

Space Group: P-1 **Cell:** a 7.715(0) b 9.953(0) c 16.481(0)
Space Group No.: 2 **(Å,°)** α 85.45(0) β 82.51(0) γ 81.48(0)

R-Factor (%): 2.55 **Temperature(K):** 293 **Density(g/cm³):** 1.651



LEBYAU

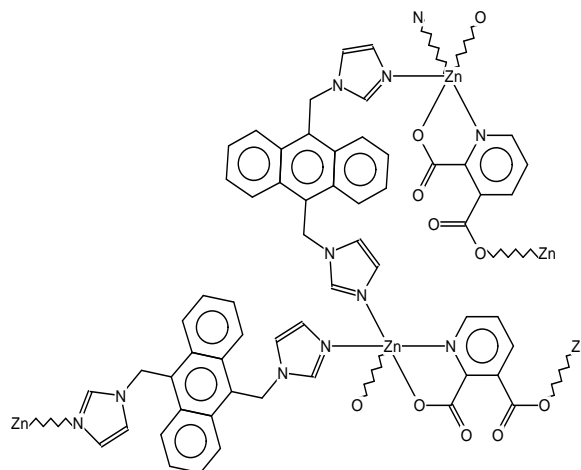
Reference: Wei-Qiu Kan, Jin Yang, Ying-Ying Liu, Jian-Fang Ma (2011) *Polyhedron* ,30,2106

Formula: (C₅₈ H₄₂ N₁₀ O₈ Zn₂)_n

Compound Name: catena-(bis(μ₂-1,1'-(anthracene-9,10-diybis(methylene))bis(1H-imidazole))-bis(μ₂-pyridine-2,3-dicarboxylato)-di-zinc(ii))

Space Group: P-1 **Cell:** a 7.541(0) b 10.088(0) c 16.367(0)
Space Group No.: 2 **(Å,°)** α 83.82(0) β 80.41(0) γ 81.67(0)

R-Factor (%): 3.22 **Temperature(K):** 293 **Density(g/cm³):** 1.561



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 261-264

LEBYEY

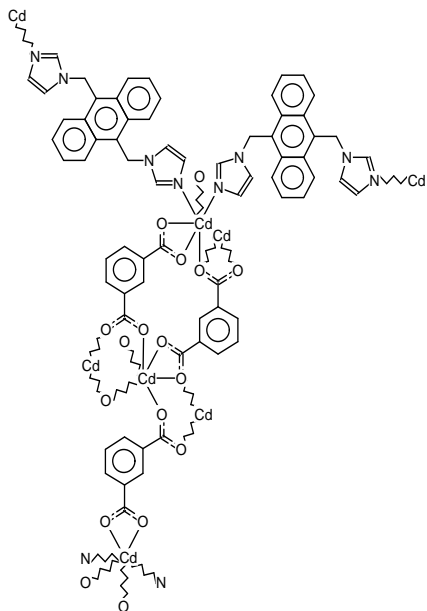
Reference: Wei-Qiu Kan, Jin Yang, Ying-Ying Liu, Jian-Fang Ma (2011) *Polyhedron*, **30**,2106

Formula: (C₆₈ H₄₈ Cd₃ N₈ O₁₂)_n

Compound Name: catena-((μ₄-isophthalato)-bis((μ₃-isophthalato)-bis((μ₂-1,1'-(anthracene-9,10-diylbis(methylene))bis(1H-imidazole))-tri-cadmium(iii)))

Space Group: C2/c **Cell:** **a** 10.306(0) **b** 25.210(0) **c** 22.655(0)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 92.64(0) **γ** 90.00

R-Factor (%): 3.86 **Temperature(K):** 293 **Density(g/cm³):** 1.702



LEBYIC

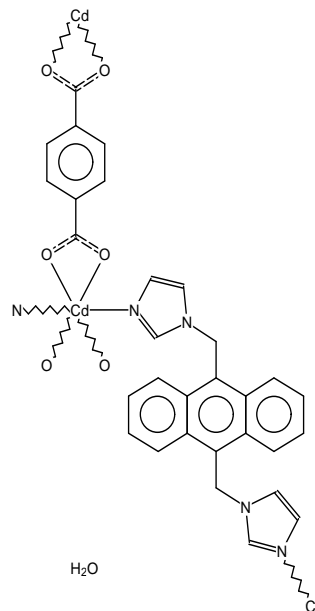
Reference: Wei-Qiu Kan, Jin Yang, Ying-Ying Liu, Jian-Fang Ma (2011) *Polyhedron*, **30**,2106

Formula: (C₃₀ H₂₂ Cd₁ N₄ O₄)_n.2n(H₂ O₁)

Compound Name: catena-((μ₂-terephthalato)-(μ₂-1,1'-(anthracene-9,10-diylbis(methylene))bis(1H-imidazole))-cadmium(ii) dihydrate)

Space Group: C2/c **Cell:** **a** 19.839 **b** 13.803 **c** 11.929
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 118.42 **γ** 90.00

R-Factor (%): 3.02 **Temperature(K):** 293 **Density(g/cm³):** 1.505



LEJNEU

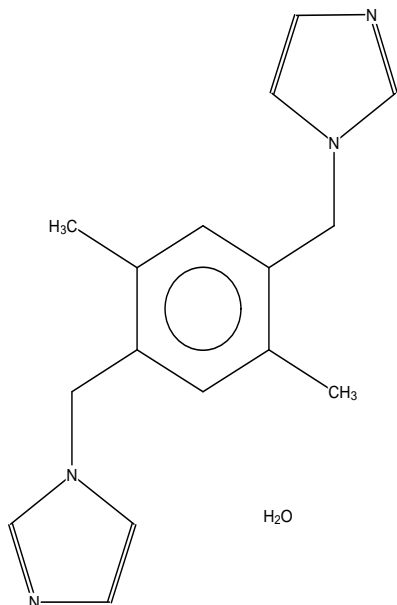
Reference: Wen-Hua Wang, Wei Dou, Zhong-Lu You, Wei-Sheng Liu, Da-Qi Wang (2006) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **62**, o1733

Formula: C₁₆ H₁₈ N₄.2(H₂ O₁)

Compound Name: 1,1'-(2,5-Dimethyl-1,4-phenylenemethylene)di-1H-imidazole dihydrate

Space Group: P21/n **Cell:** **a** 8.692(9) **b** 5.083(2) **c** 19.068(3)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 98.41(0) **γ** 90.00

R-Factor (%): 6.03 **Temperature(K):** 298 **Density(g/cm³):** 1.205



LESAE

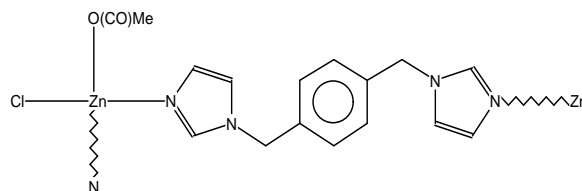
Reference: Liang Wang (2013) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **69**,m102

Formula: (C₁₆ H₁₇ Cl₁ N₄ O₂ Zn₁)_n

Compound Name: catena-((μ₂-1,1'-[1,4-phenylenebis(methylene)]di-1H-imidazole)-acetato-chloro-zinc(ii))

Space Group: P21/m **Cell:** **a** 7.451(0) **b** 14.164(0) **c** 8.198(0)
Space Group No.: 11 **(Å, °)** **α** 90.00 **β** 90.46(0) **γ** 90.00

R-Factor (%): 5.35 **Temperature(K):** 293 **Density(g/cm³):** 1.529



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 265-268

LEZLUZ

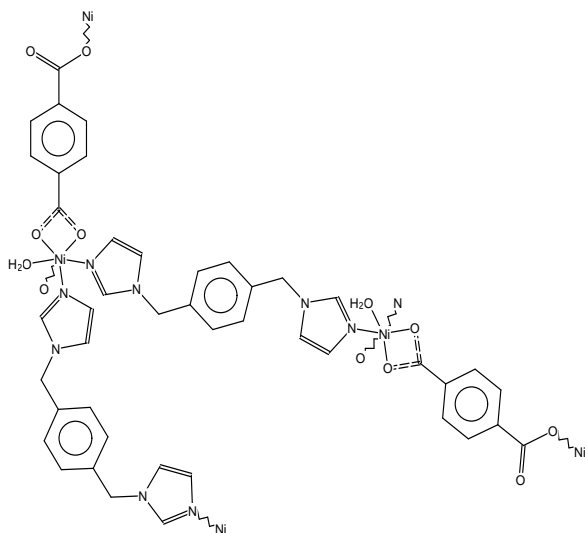
Reference: Chengyan Zhang, Fujun Yin, Xingyou Xu, Baohua Qian, Lin Liu, Xujie Yang (2013) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* , **43**,24

Formula: (C₄₄ H₄₀ N₈ Ni₂ O₁₀)_n

Compound Name: catena-[bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-terephthalato)-diaqua-di-nickel]

Space Group: P21/c **Cell:** a 15.510(1) b 6.498(0) c 20.274(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.22(0) γ 90.00

R-Factor (%): 3.36 **Temperature(K):** 298 **Density(g/cm³):** 1.570



LIBWAW

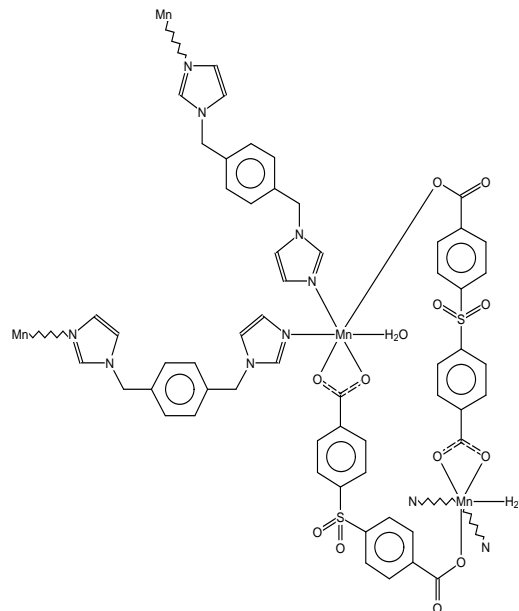
Reference: Xiao-Li Chen, Ya-Li Qiao, Lou-Jun Gao, Mei-Li Zhang, Hua-Li Cui (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)* , **31**,1707

Formula: (C₅₆ H₄₈ Mn₂ N₈ O₁₄ S₂)_n

Compound Name: catena-[bis(μ₂-4,4'-Sulfonyldibenzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-manganese]

Space Group: P-1 **Cell:** a 10.138(4) b 11.187(5) c 13.582(6)
Space Group No.: 2 **(Å, °)** α 69.15(0) β 89.63(0) γ 77.08(0)

R-Factor (%): 5.70 **Temperature(K):** 296 **Density(g/cm³):** 1.462



LICTAU

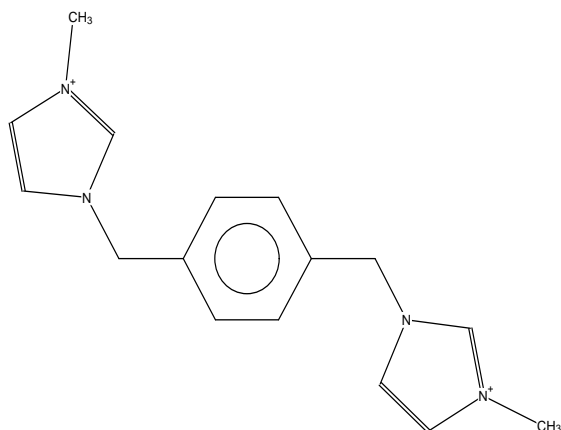
Reference: H.Ibrahim, N.A.Koorbanally, D.Ramjugernath, M.D.Bala, V.O.Nyamori (2012) *Z.Anorg.Allg.Chem.* , **638**,2304

Formula: C₁₆ H₂₀ N₄ 2⁺·2(C₁ F₃ O₃ S₁ 1⁻)

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(3-methyl-1H-imidazol-3-ium) bis(trifluoromethanesulfonate)

Space Group: P21/c **Cell:** a 9.578(0) b 9.982(0) c 12.695(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 104.80(0) γ 90.00

R-Factor (%): 3.88 **Temperature(K):** 173 **Density(g/cm³):** 1.603



F₃C—SO₃

LIFMAQ

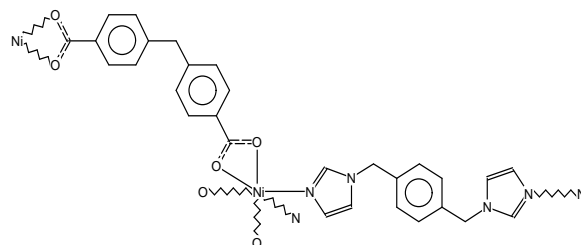
Reference: Guang-Xiang Liu, Xiao-Feng Wang, Hong Zhou (2013) *J.Solid State Chem.* , **199**,305

Formula: (C₂₉ H₂₄ N₄ Ni₁ O₄)_n

Compound Name: catena-[bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-(μ₂-4,4'-methylenebenzoato)-nickel(ii)]

Space Group: P21/c **Cell:** a 11.559(7) b 21.823(13) c 10.461(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.20(0) γ 90.00

R-Factor (%): 6.23 **Temperature(K):** 293 **Density(g/cm³):** 1.402



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 269-272

LIFMIY

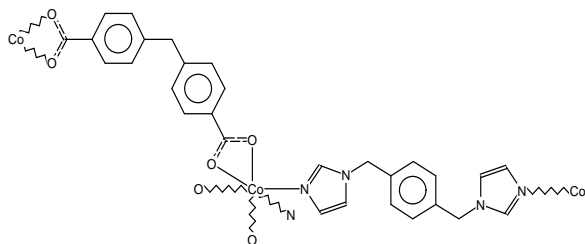
Reference: Guang-Xiang Liu, Xiao-Feng Wang, Hong Zhou (2013) *J.Solid State Chem.* ,199,305

Formula: (C₂₉ H₂₄ Co₁ N₄ O₄)_n

Compound Name: catena-[(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-(μ₂-4,4'-methylenedibenzoato)-cobalt(ii)]

Space Group: P-1 **Cell:** a 10.171(1) b 11.030(1) c 13.002(3)
Space Group No.: 2 **(Å, °)** α 97.27(0) β 104.28(0) γ 112.85(0)

R-Factor (%): 3.91 **Temperature(K):** 293 **Density(g/cm³):** 1.452



LIFMOE

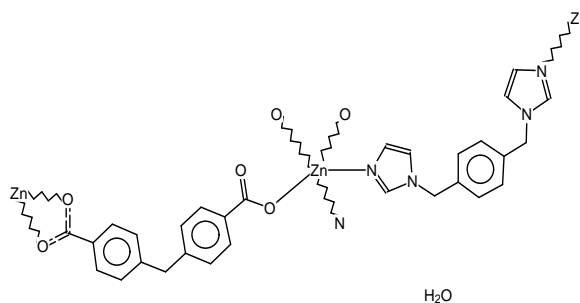
Reference: Guang-Xiang Liu, Xiao-Feng Wang, Hong Zhou (2013) *J.Solid State Chem.* ,199,305

Formula: (C₂₉ H₂₄ N₄ O₄ Zn₁)_n.2n(H₂ O)₁

Compound Name: catena-[(μ₂-1,1'-(1,3-Phenylenebis(methylene))bis(1H-imidazole))-(μ₂-4,4'-methylenedibenzoato)-zinc(ii) dihydrate]

Space Group: P-1 **Cell:** a 8.296(1) b 13.137(3) c 13.632(3)
Space Group No.: 2 **(Å, °)** α 74.72(0) β 80.37(0) γ 72.38(0)

R-Factor (%): 5.19 **Temperature(K):** 293 **Density(g/cm³):** 1.451



LIRNAD

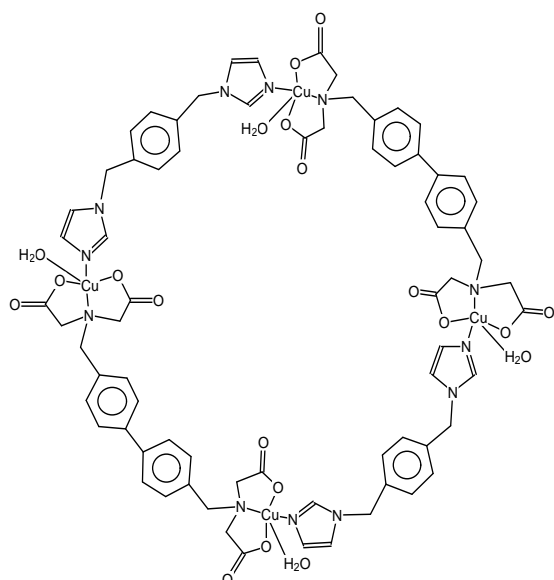
Reference: Xiao-Jie Chen, Yan Yang, Wei-Wei He, Jian-Fang Ma (2013) *Polyhedron* ,65,141

Formula: C₇₂ H₇₆ Cu₄ N₁₂ O₂₀.8(H₂ O)₁

Compound Name: bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-(2,2',2''-(biphenyl-4,4'-diylbis(methylenenitrilo))tetraacetate))-tetra-aqua-tetra-copper octahydrate

Space Group: Pnn2 **Cell:** a 23.381(1) b 13.437(0) c 14.331(1)
Space Group No.: 34 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 7.18 **Temperature(K):** 293 **Density(g/cm³):** 1.348



H₂O

LIRNEH

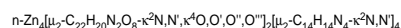
Reference: Xiao-Jie Chen, Yan Yang, Wei-Wei He, Jian-Fang Ma (2013) *Polyhedron* ,65,141

Formula: (C₁₀₀ H₉₆ N₂₀ O₁₆ Zn₄)_n.16n(H₂ O)₁

Compound Name: catena-[tetrakis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-(2,2',2''-(biphenyl-4,4'-diylbis(methylenenitrilo))tetraacetate))-tetra-zinc hexadecahydrate]

Space Group: P21/c **Cell:** a 19.278(1) b 17.200(1) c 19.710(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 112.79(0) γ 90.00

R-Factor (%): 4.93 **Temperature(K):** 293 **Density(g/cm³):** 1.314



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 273-276

LIVLAD

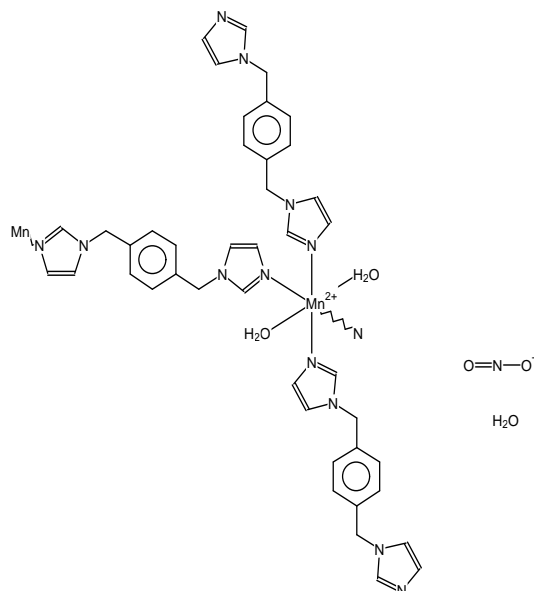
Reference: Hao-Yu Shen, Dai-Zheng Liao, Zong-Hui Jiang, Shi-Ping Yan, Geng-Lin Wang, Xin-kan Yao, Hong-Gen Wang (1999) *Acta Chem.Scand.*, **53**,387

Formula: (C₄₂H₄₆Mn₁N₁₂O₂²⁺)_n.2n(N₁O₂¹⁻).2n(H₂O₁)

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-aqua-bis(1,4-bis(imidazol-1-ylmethyl)benzene)-manganese(ii) dinitrite dihydrate)

Space Group: P-1 **Cell:** a 9.037(2) b 11.498(2) c 12.404(2)
Space Group No.: 2 **(Å,°)** α 110.09(3) β 109.62(3) γ 93.05(3)

R-Factor (%): 7.20 **Temperature(K):** 295 **Density(g/cm³):** 1.385



LIWXIZ

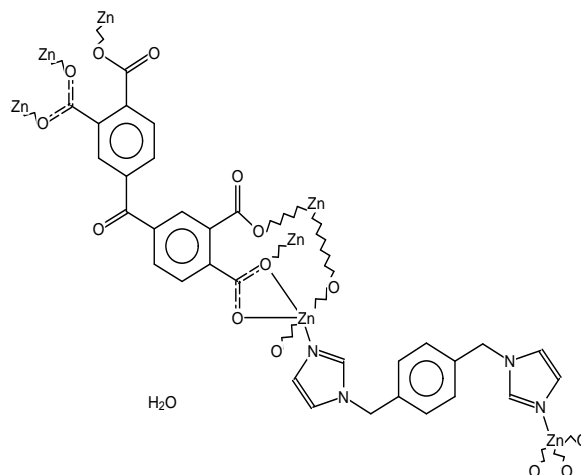
Reference: Shun Li-Li, Ya-Qian Lan, Jian-Fang Ma, Jin Yang, Guo-Hua Wei, Lai-Ping Zhang, Zhong-Min Su (2008) *Cryst.Growth Des.*, **8**,675

Formula: (C₃₁H₂₀N₄O₉Zn₂)_n.n(H₂O₁)

Compound Name: catena-((μ₆-3,3',4,4'-Benzophenonetetracarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc(ii) monohydrate)

Space Group: P21 **Cell:** a 11.771(0) b 4.789(0) c 26.329(1)
Space Group No.: 4 **(Å,°)** α 90.00 β 96.82(0) γ 90.00

R-Factor (%): 3.89 **Temperature(K):** 293 **Density(g/cm³):** 1.671



MARMAV

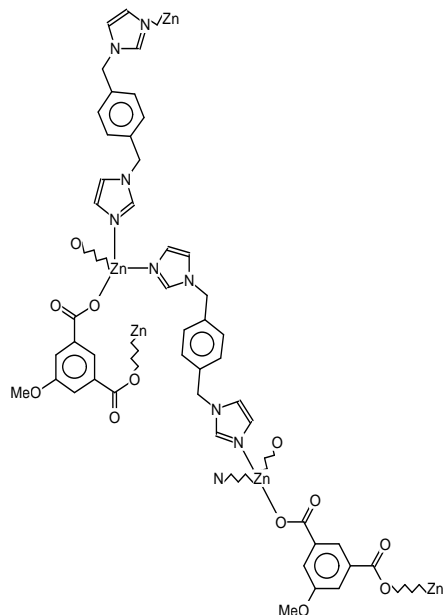
Reference: Jian-Hua Qin, Lu-Fang Ma, Yue Hu, Li-Ya Wang (2012) *CrystEngComm*, **14**,2891

Formula: (C₄₆H₄₀N₈O₁₀Zn₂)_n

Compound Name: catena-((bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-5-methoxyisophthalato)-di-zinc)

Space Group: P-1 **Cell:** a 10.203(5) b 14.382(8) c 14.783(8)
Space Group No.: 2 **(Å,°)** α 89.62(0) β 77.44(0) γ 87.16(0)

R-Factor (%): 10.35 **Temperature(K):** 296 **Density(g/cm³):** 1.564



MAZBUL

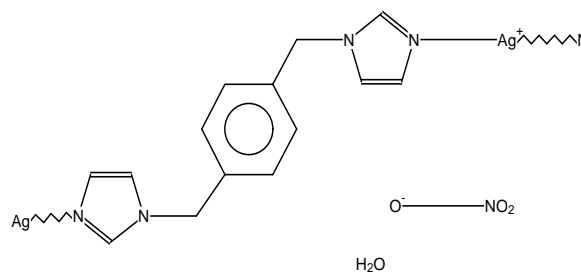
Reference: Yan-Ping Wu, Li-Li Wen, Yi-Zhi Li, Dong-Bin Dang, Zhen-Da Lu, Qing-Jin Meng (2005) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **21**,1759

Formula: (C₁₄H₁₄Ag₁N₄¹⁺)_n.n(N₁O₃¹⁻).n(H₂O₁)

Compound Name: catena-((μ₂-1,4-bis(imidazolylmethyl)benzene)-silver nitrate monohydrate)

Space Group: P-1 **Cell:** a 7.771(2) b 10.434(3) c 10.827(3)
Space Group No.: 2 **(Å,°)** α 71.40(0) β 80.95(0) γ 88.79(0)

R-Factor (%): 4.66 **Temperature(K):** 293 **Density(g/cm³):** 1.723



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 277-280

MEDVUN

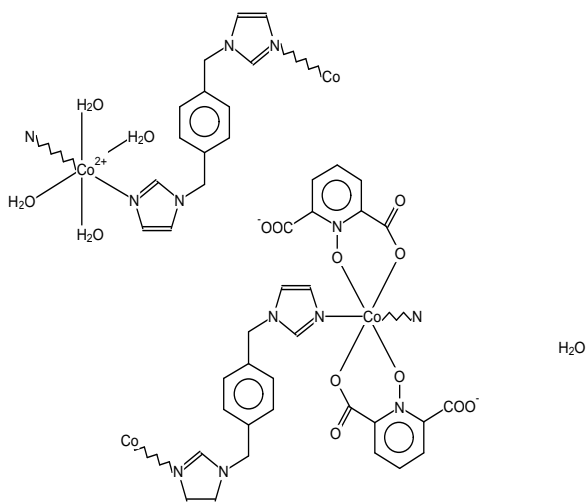
Reference: Li-Li Wen, Zheng-Fang Tian, Jian-Guo Lin, Hui-Zhen Zhu, Qing-Jin Meng (2006) *Z.Anorg.Allg.Chem.* ,632,689

Formula: $(C_{14}H_{22}Co_1N_4O_4^{2+})_n \cdot n(C_{28}H_{20}Co_1N_6O_{10}^{2-}) \cdot 2n(H_2O)_1$

Compound Name: catena-((μ_2 -1,4-bis(imidazolylmethyl)benzene)-tetra-aqua-cobalt(ii) (μ_2 -1,4-bis(imidazolylmethyl)benzene)-bis(pyridine-2,6-dicarboxylato N-oxide)-cobalt(ii) dihydrate)

Space Group: P-1 **Cell:** **a** 8.777(2) **b** 11.448(3) **c** 12.602(3)
Space Group No.: 2 **(Å, °)** α 109.90(1) β 107.67(1) γ 93.65(1)

R-Factor (%): 4.30 **Temperature(K):** 293 **Density(g/cm³):** 1.586



MEFYON

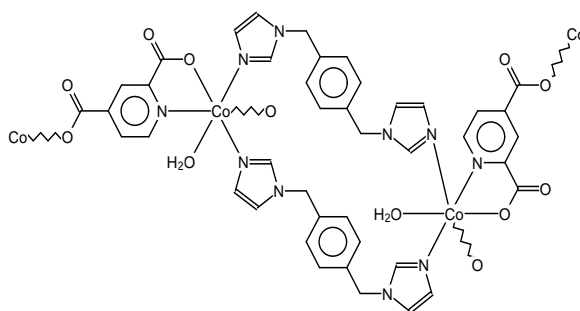
Reference: Xiu-Mei Li, Jia Guo, Qing-Wei Wang, Jian-Ye Ji, Zhi-Tao Wang (2012) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,28,1520

Formula: $(C_{42}H_{38}Co_2N_{10}O_{10})_n$

Compound Name: catena-(bis(μ_2 -pyridine-2,4-dicarboxylato)-bis(μ_2 -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-cobalt(ii))

Space Group: C2/c **Cell:** **a** 25.255(4) **b** 13.190(1) **c** 14.415(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 118.66(0) γ 90.00

R-Factor (%): 3.05 **Temperature(K):** 292 **Density(g/cm³):** 1.514



MINGAT

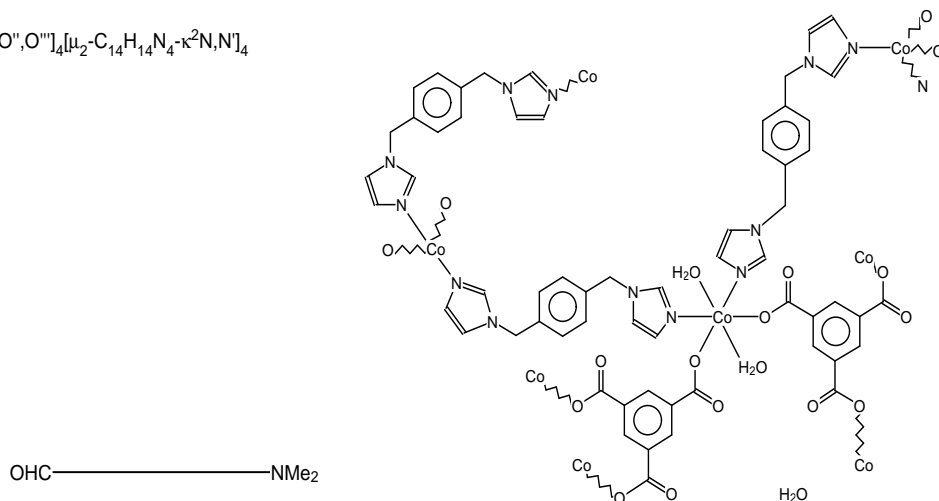
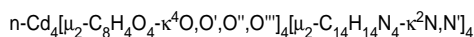
Reference: Y.Chen, D.Wang, L.He, W.Li, J.Suo (2013) *Acta Crystallogr., Sect.E: Struct. Rep. Online* ,69,m616

Formula: $(C_{88}H_{72}Cd_4N_{16}O_{16})_n \cdot 4(C_3H_7N_1O_1)$

Compound Name: catena-(tetrakis(μ_2 -benzene-1,3-dicarboxylato)-tetrakis(μ_2 -1,4-bis((1H-imidazol-1-yl)methyl)benzene)-tetra-cadmium N,N-dimethylformamide solvate)

Space Group: P-1 **Cell:** **a** 11.209(0) **b** 13.471(0) **c** 18.913(0)
Space Group No.: 2 **(Å, °)** α 69.65(0) β 80.12(0) γ 68.52(0)

R-Factor (%): 3.37 **Temperature(K):** 185 **Density(g/cm³):** 1.569



MISHOM

Reference: Ying-Ying Liu, Jin Yang, Ji-Cheng Ma, Jian-Fang Ma (2008) *Acta Crystallogr., Sect.C: Cryst. Struct. Commun.* ,64,m33

Formula: $(C_{60}H_{52}Co_3N_{12}O_{14})_n \cdot n(H_2O)_1$

Compound Name: catena-[bis(μ_3 -Benzene-1,3,5-tricarboxylato- κ^3O^1,O^3,O^5)-tris(μ_2 -1,4-bis(imidazol-1-yl)methyl)benzene- $\kappa^2N:N'$)-diaqua-tri-cobalt(ii) monohydrate]

Space Group: P21/c **Cell:** **a** 14.160(4) **b** 10.105(3) **c** 20.927(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.73(0) γ 90.00

R-Factor (%): 7.43 **Temperature(K):** 293 **Density(g/cm³):** 1.530

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 281-284

MISPAH

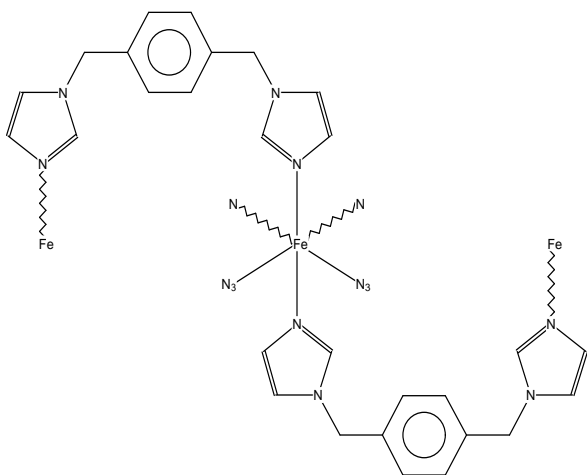
Reference: A.Beheshti, A.Lalegani, G.Bruno, H.A.Rudbari, V.Nobakht (2013) *Inorg.Chim.Acta* **408**,214

Formula: (C₂₈H₂₈Fe₁N₁₄)_n

Compound Name: catena-(bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-diazido-iron)

Space Group: P2₁/c **Cell:** **a** 8.545(0) **b** 20.197(0) **c** 8.573(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 100.79(0) γ 90.00

R-Factor (%): 2.91 **Temperature(K):** 298 **Density(g/cm³):** 1.409



MISPEL

Reference: A.Beheshti, A.Lalegani, G.Bruno, H.A.Rudbari, V.Nobakht (2013) *Inorg.Chim.Acta* **408**,214

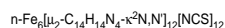
Formula: (C₁₈₀H₁₆₈Fe₆N₆₀S₁₂)_n.n(H₂O)

Compound Name: catena-(dodecakis(μ₂-1,4-bis(Imidazol-1-ylmethyl)benzene)-dodecakis(isothiocyanato)-hexa-iron monohydrate)

Space Group: P-1 **Cell:** **a** 13.457(0) **b** 13.865(0) **c** 26.567(1)
Space Group No.: 2 **(Å, °)** α 77.86(0) β 88.41(0) γ 88.40(0)

R-Factor (%): 6.83 **Temperature(K):** 293 **Density(g/cm³):** 1.341

H₂O



MODWUZ

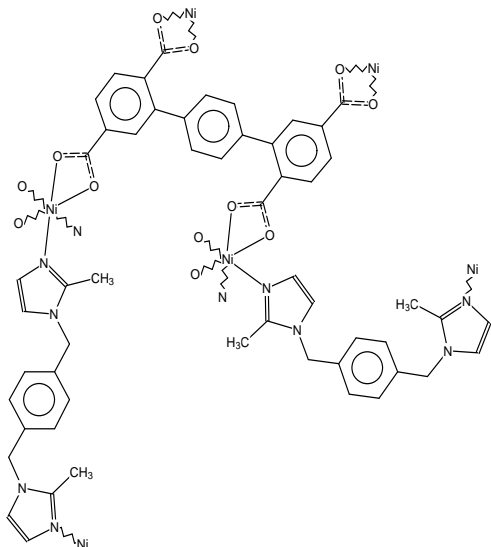
Reference: Liming Fan, Xiutang Zhang, Wei Zhang, Yuanshuai Ding, Weiliu Fan, Liming Sun, Yue Pang, Xian Zhao (2014) *Dalton Trans.*, **43**,6701

Formula: (C₅₄H₄₆N₈Ni₂O₉)_n.0.5(H₂O)

Compound Name: catena-[(μ₄-1,1':4',1''-terphenyl-2,2'':5,5''-tetracarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-nickel hemihydrate]

Space Group: C2/c **Cell:** **a** 16.388(7) **b** 16.225(7) **c** 19.438(8)
Space Group No.: 15 **(Å, °)** α 90.00 β 95.37(0) γ 90.00

R-Factor (%): 3.85 **Temperature(K):** 296 **Density(g/cm³):** 1.370



H₂O

MOHKIE

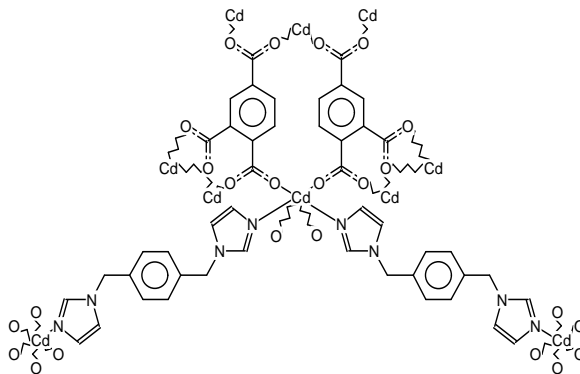
Reference: Jing Yao, Zhen-Da Lu, Yi-Zhi Li, Jian-Guo Lin, Xian-Ying Duan, Song Gao, Qing-Jin Meng, Chang-Sheng Lu (2008) *CrystEngComm*, **10**,1379

Formula: (C₄₆H₃₄Cd₃N₈O₁₂)_n

Compound Name: catena-(bis(μ₃-1,2,4-Benzenetricarboxylato)-bis(μ₂-1,4-bis(imidazolylmethyl)benzene)-tri-cadmium(ii))

Space Group: C2/c **Cell:** **a** 21.909(6) **b** 9.982(3) **c** 20.680(6)
Space Group No.: 15 **(Å, °)** α 90.00 β 110.38(0) γ 90.00

R-Factor (%): 4.53 **Temperature(K):** 298 **Density(g/cm³):** 1.924



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 285-288

MOHKOK

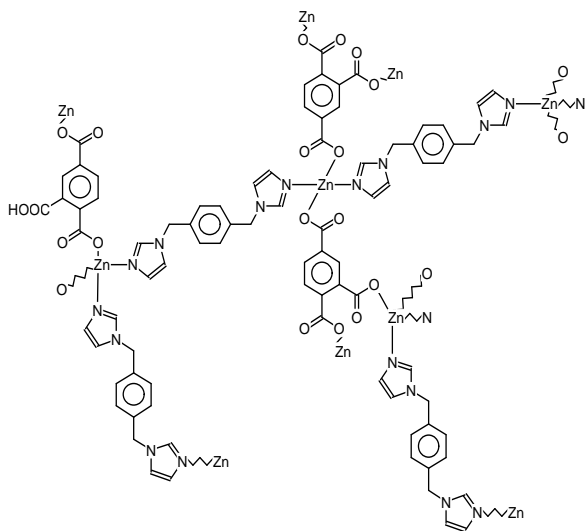
Reference: Jing Yao, Zhen-Da Lu, Yi-Zhi Li, Jian-Guo Lin, Xian-Ying Duan, Song Gao, Qing-Jin Meng, Chang-Sheng Lu (2008) *CrystEngComm*, **10**,1379

Formula: (C₈₃ H₆₆ N₁₆ O₁₈ Zn₄)n

Compound Name: catena-(bis(μ₃-1,2,4-Benzenetricarboxylato)-(μ₂-1-carboxy-2,4-benzenedicarboxylato)-tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-zinc)

Space Group: P-1 **Cell:** **a** 10.142(2) **b** 14.930(4) **c** 15.466(1)
Space Group No.: 2 **(Å, °)** α 114.06(0) β 106.59(0) γ 94.81(0)

R-Factor (%): 5.81 **Temperature(K):** 291 **Density(g/cm³):** 1.529



MOYNOE

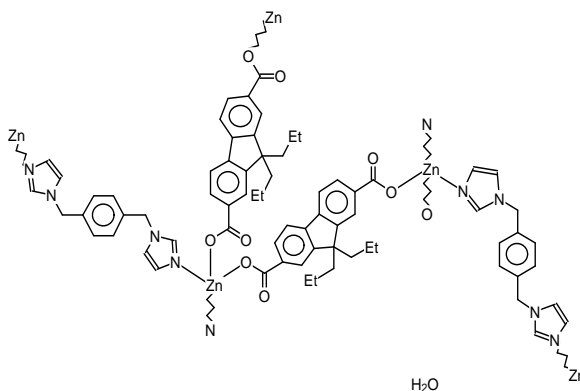
Reference: Hua-Dong Guo, Xian-Min Guo, S.R.Batten, Jiang-Feng Song, Shu-Yan Song, Song Dang, Guo-Li Zheng, Jin-Kui Tang, Hong-Jie Zhang (2009) *Cryst.Growth Des.*, **9**,1394

Formula: (C₇₀ H₆₈ N₈ O₈ Zn₂)n, 1.5n(H₂O)₄

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1ylmethyl)benzene)-bis(μ₂-9,9-dipropylfluorene-2,7-dicarboxylato)-di-zinc(ii) sesquihydrate)

Space Group: P-1 **Cell:** **a** 13.735(0) **b** 13.849(0) **c** 22.423(1)
Space Group No.: 2 **(Å, °)** α 88.44(0) β 85.28(0) γ 70.77(0)

R-Factor (%): 7.58 **Temperature(K):** 185 **Density(g/cm³):** 1.082



MOYNUK

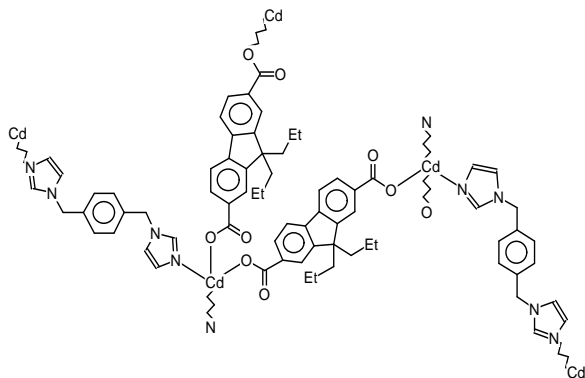
Reference: Hua-Dong Guo, Xian-Min Guo, S.R.Batten, Jiang-Feng Song, Shu-Yan Song, Song Dang, Guo-Li Zheng, Jin-Kui Tang, Hong-Jie Zhang (2009) *Cryst.Growth Des.*, **9**,1394

Formula: (C₇₀ H₆₈ Cd₂ N₈ O₈)n

Compound Name: catena-(bis(μ₂-1,4-bis(imidazol-1ylmethyl)benzene)-bis(μ₂-9,9-dipropylfluorene-2,7-dicarboxylato)-di-cadmium(ii))

Space Group: P-1 **Cell:** **a** 13.842(1) **b** 13.928(2) **c** 22.838(3)
Space Group No.: 2 **(Å, °)** α 87.37(0) β 87.47(0) γ 72.71(0)

R-Factor (%): 10.71 **Temperature(K):** 185 **Density(g/cm³):** 1.087



MUBDIX

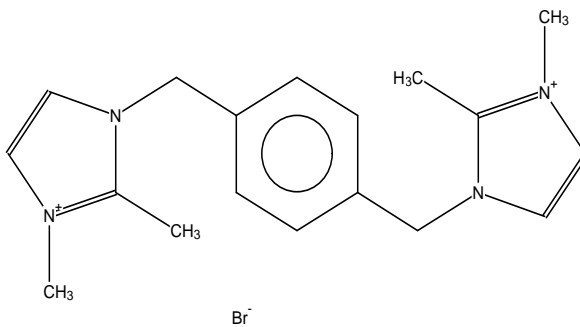
Reference: S.Puvaneswary, Y.Alias, S.W.Ng (2009) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **65**,o1828

Formula: C₁₈ H₂₄ N₄ 2⁺, 2(Br⁻ 1⁻)

Compound Name: 1,1',2,2'-Tetramethyl-3,3'-(p-phenylenedimethylene)-bis(imidazol-1-ium) dibromide

Space Group: P21/n **Cell:** **a** 8.569(0) **b** 9.862(0) **c** 11.027(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.22(0) γ 90.00

R-Factor (%): 3.90 **Temperature(K):** 140 **Density(g/cm³):** 1.629



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 289-292

MUBDOD

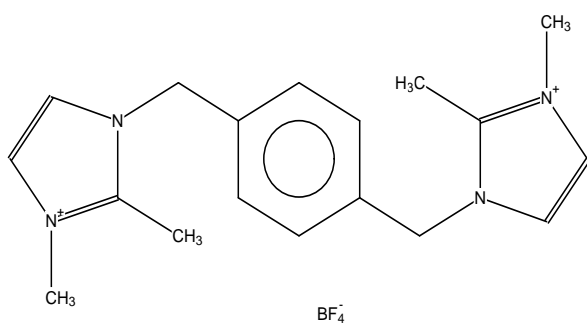
Reference: S.Puvaneswary, Y.Alias, S.W.Ng (2009) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,65,o1829

Formula: C₁₈ H₂₄ N₄²⁺·2(B₁ F₄¹⁻)

Compound Name: 1,1',2,2'-Tetramethyl-3,3'-(p-phenylenedimethylene)-bis(imidazol-1-ium) bis(tetrafluoroborate)

Space Group: P2₁/n **Cell:** a 8.910(0) b 10.225(0) c 11.711(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.02(0) γ 90.00

R-Factor (%): 4.70 **Temperature(K):** 140 **Density(g/cm³):** 1.465



MUBDUJ

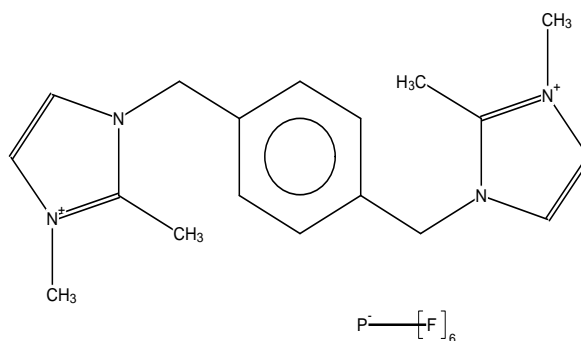
Reference: S.Puvaneswary, Y.Alias, S.W.Ng (2009) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,65,o1830

Formula: C₁₈ H₂₄ N₄²⁺·2(F₆ P₁¹⁻)

Compound Name: 1,1',2,2'-Tetramethyl-3,3'-(p-phenylenedimethylene)-bis(imidazol-1-ium) bis(hexafluorophosphate)

Space Group: P-1 **Cell:** a 7.381(0) b 8.217(0) c 11.055(0)
Space Group No.: 2 **(Å, °)** α 73.44(0) β 71.17(0) γ 73.90(0)

R-Factor (%): 7.10 **Temperature(K):** 140 **Density(g/cm³):** 1.635



MUNPUH

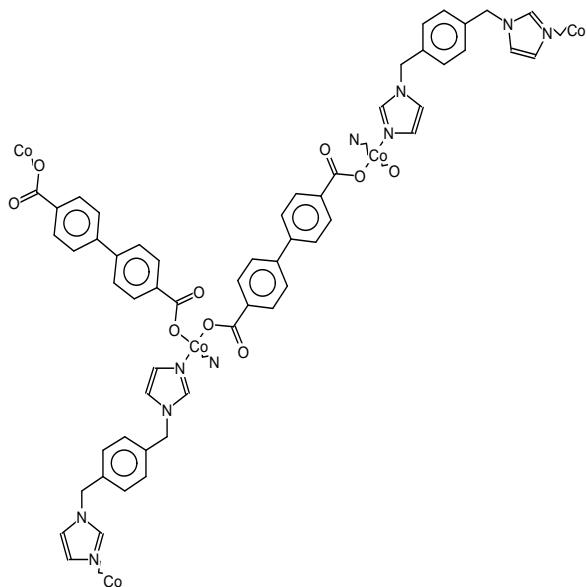
Reference: Yang Liu, Yan Qi, Yan-Yan Lv, Yun-Xia Che, Ji-Min Zheng (2009) *Cryst.Growth Des.* ,9,4797

Formula: (C₅₆ H₄₄ Co₂ N₈ O₈)_n

Compound Name: catena-(bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-biphenyl-4,4'-dicarboxylato)-di-cobalt)

Space Group: P-1 **Cell:** a 8.876(1) b 10.049(2) c 14.570(3)
Space Group No.: 2 **(Å, °)** α 71.97(3) β 86.19(3) γ 88.39(3)

R-Factor (%): 5.50 **Temperature(K):** 293 **Density(g/cm³):** 1.448



MUZDIV

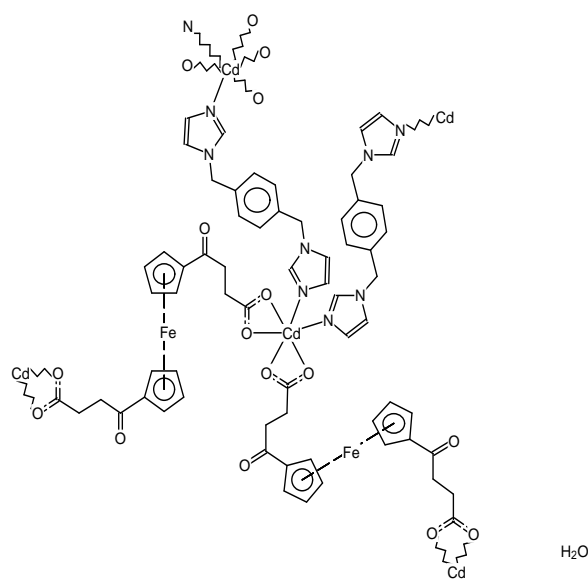
Reference: Xianju Shi, Xia Wang, Linke Li, Hongwei Hou, Yaoting Fan (2010) *Cryst.Growth Des.* ,10,2490

Formula: (C₆₄ H₆₀ Cd₂ Fe₂ N₈ O₁₂)_n·2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,1'-bis(3-Carboxylato-1-oxopropyl)ferrocene)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cadmium(ii) dihydrate)

Space Group: P-1 **Cell:** a 10.449(2) b 10.615(2) c 15.314(3)
Space Group No.: 2 **(Å, °)** α 84.79(3) β 81.45(3) γ 69.83(3)

R-Factor (%): 3.60 **Temperature(K):** 293 **Density(g/cm³):** 1.587



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 293-296

MUZGIY

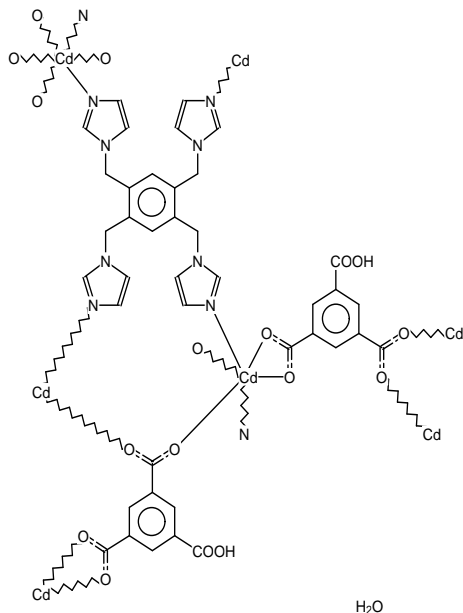
Reference: Qin Hua, Yue Zhao, Guan-Cheng Xu, Man-Sheng Chen, Zhi Su, Kai Cai, Wei-Yin Sun (2010) *Cryst.Growth Des.* ,10,2553

Formula: (C₄₀ H₃₀ Cd₂ N₈ O₁₂)_n.0.4n(H₂ O₁)

Compound Name: catena-((μ₄-1,2,4,5-tetrakis(imidazol-1-ylmethyl)benzene)-bis(μ₃-hydrogen benzene-1,3,5-tricarboxylato)-di-cadmium(ii) hydrate)

Space Group: P-1 **Cell:** a 9.398(0) b 9.628(0) c 12.684(1)
Space Group No.: 2 **(Å, °)** α 88.79(0) β 69.03(0) γ 66.03(0)

R-Factor (%): 3.05 **Temperature(K):** 293 **Density(g/cm³):** 1.794



MUZGOE

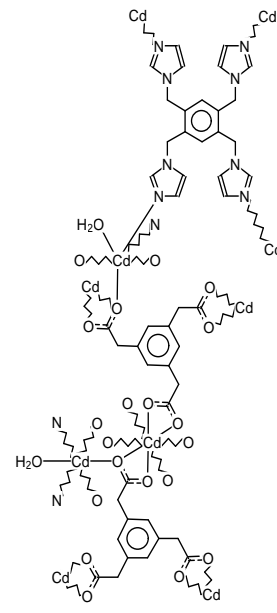
Reference: Qin Hua, Yue Zhao, Guan-Cheng Xu, Man-Sheng Chen, Zhi Su, Kai Cai, Wei-Yin Sun (2010) *Cryst.Growth Des.* ,10,2553

Formula: (C₄₆ H₄₄ Cd₃ N₈ O₁₄)_n.n(H₂ O₁)

Compound Name: catena-((μ₄-1,2,4,5-tetrakis(imidazol-1-ylmethyl)benzene)-bis(μ₄-benzene-1,3,5-tricacetato)-tri-cadmium(ii) monohydrate)

Space Group: C2/c **Cell:** a 17.977(1) b 14.097(1) c 20.086(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 101.54(0) γ 90.00

R-Factor (%): 4.51 **Temperature(K):** 293 **Density(g/cm³):** 1.716



MUZGUK

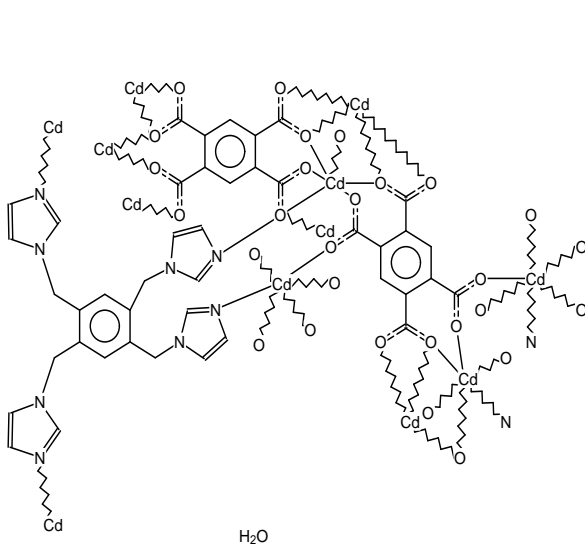
Reference: Qin Hua, Yue Zhao, Guan-Cheng Xu, Man-Sheng Chen, Zhi Su, Kai Cai, Wei-Yin Sun (2010) *Cryst.Growth Des.* ,10,2553

Formula: (C₄₂ H₂₆ Cd₄ N₈ O₁₆)_n.2n(H₂ O₁)

Compound Name: catena-(bis(μ₆-Benzene-1,2,4,5-tetracarboxylato)-(μ₄-1,2,4,5-tetrakis(imidazol-1-ylmethyl)benzene)-tetra-cadmium(ii) dihydrate)

Space Group: C2/c **Cell:** a 20.010(2) b 17.698(1) c 14.671(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 118.96(0) γ 90.00

R-Factor (%): 3.02 **Temperature(K):** 293 **Density(g/cm³):** 2.023



MUZHAR

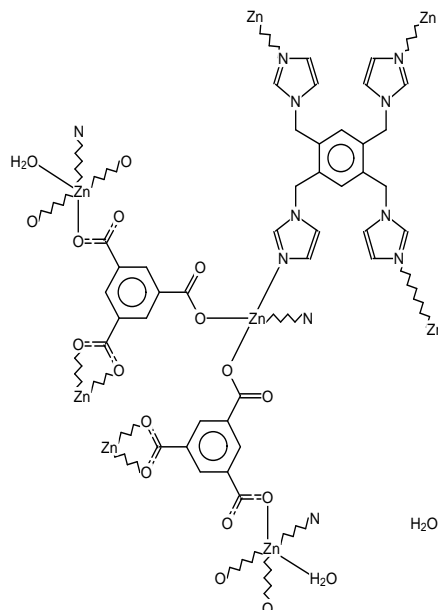
Reference: Qin Hua, Yue Zhao, Guan-Cheng Xu, Man-Sheng Chen, Zhi Su, Kai Cai, Wei-Yin Sun (2010) *Cryst.Growth Des.* ,10,2553

Formula: (C₄₀ H₃₂ N₈ O₁₄ Zn₃ In₃ N₃)_n.3n(H₂ O₁)

Compound Name: catena-((μ₄-1,2,4,5-tetrakis(imidazol-1-ylmethyl)benzene)-bis(μ₃-benzene-1,3,5-tricarboxylato)-diaqua-tri-zinc(ii) trihydrate)

Space Group: C2/c **Cell:** a 27.573(3) b 11.065(1) c 16.620(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 119.19(0) γ 90.00

R-Factor (%): 5.15 **Temperature(K):** 293 **Density(g/cm³):** 1.649



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 297-300

MUZHEV

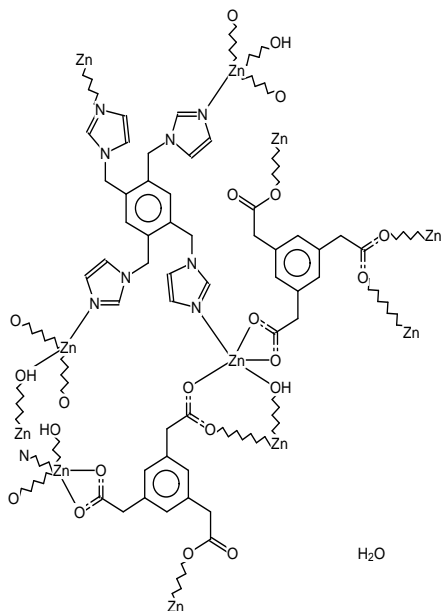
Reference: Qin Hua, Yue Zhao, Guan-Cheng Xu, Man-Sheng Chen, Zhi Su, Kai Cai, Wei-Yin Sun (2010) *Cryst. Growth Des.* ,10,2553

Formula: (C₄₆ H₄₂ N₈ O₁₄ Zn₄)_n·2n(H₂O)₁

Compound Name: catena-(bis(μ₄-Benzene-1,3,5-triacetato)-(μ₄-1,2,4,5-tetrakis(imidazol-1-ylmethyl)benzene)-bis(μ₂-hydroxo)-tetra-zinc(ii) dihydrate)

Space Group: P-1 **Cell:** a 9.924(1) b 11.671(1) c 11.907(1)
Space Group No.: 2 **(Å, °)** α 98.27(0) β 109.80(0) γ 99.82(0)

R-Factor (%): 3.99 **Temperature(K):** 293 **Density(g/cm³):** 1.635



MUZQII

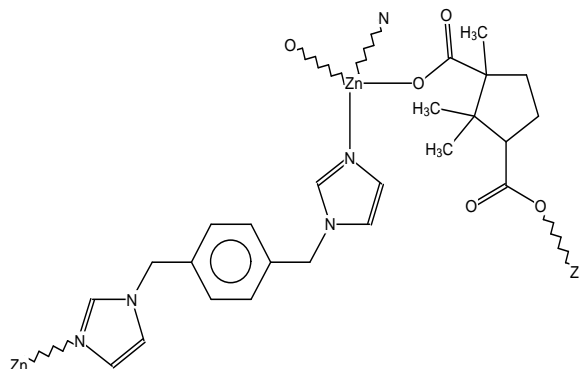
Reference: Xiao-Qiang Liang, Dong-Ping Li, Cheng-Hui Li, Xin-Hui Zhou, Yi-Zhi Li, Jing-Lin Zuo, Xiao-Zeng You (2010) *Cryst. Growth Des.* ,10,2596

Formula: (C₂₄ H₂₈ N₄ O₄ Zn₁)_n

Compound Name: catena-[(μ₂-D-Camphorato-O,O')-(μ₂-1,4-bis(1H-imidazol-1-ylmethyl)benzene-N³,N^{3'})-zinc(ii)]

Space Group: P21 **Cell:** a 6.627(0) b 17.325(1) c 9.941(0)
Space Group No.: 4 **(Å, °)** α 90.00 β 97.34(0) γ 90.00

R-Factor (%): 5.44 **Temperature(K):** 291 **Density(g/cm³):** 1.472



NAXLUU

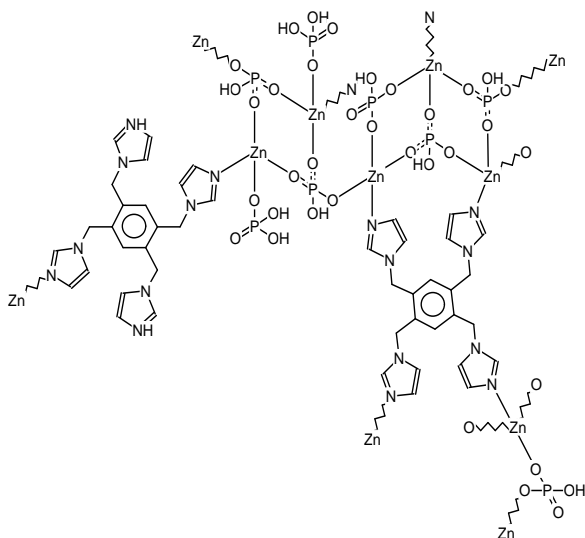
Reference: Jian Fan, B.E.Hanson (2005) *Inorg.Chem.* ,44,6998

Formula: (C₄₄ H₅₆ N₁₆ O₃₂ P₈ Zn₆)_n

Compound Name: catena-((μ₄-1,2,4,5-tetrakis(imidazol-1-yl-methyl)benzene-N,N',N'',N''')-hexa(μ₃-hydrogen phosphato-O,O',O')-(μ₂-1,4-bis(imidazolium-1-yl-methyl)-2,5-bis(imidazol-1-yl-methyl)benzene-N,N',N'',N''')-bis(dihydrogen phosphato-O)-hexa-zinc)

Space Group: P21/c **Cell:** a 14.941(1) b 14.645(0) c 15.821(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 109.50(0) γ 90.00

R-Factor (%): 3.88 **Temperature(K):** 100 **Density(g/cm³):** 1.996



NAXMAB

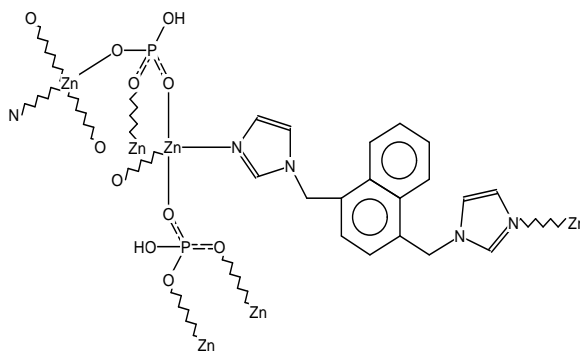
Reference: Jian Fan, B.E.Hanson (2005) *Inorg.Chem.* ,44,6998

Formula: (C₁₈ H₁₈ N₄ O₈ P₂ Zn₂)_n

Compound Name: catena-(bis(μ₃-hydrogenphosphato-O,O',O')-(μ₂-1,4-bis(imidazol-1-ylmethyl)-naphthalene-N,N')-di-zinc)

Space Group: Pnma **Cell:** a 8.762(0) b 28.368(3) c 8.764(0)
Space Group No.: 62 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.08 **Temperature(K):** 100 **Density(g/cm³):** 1.863



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 301-304

NEBSUI

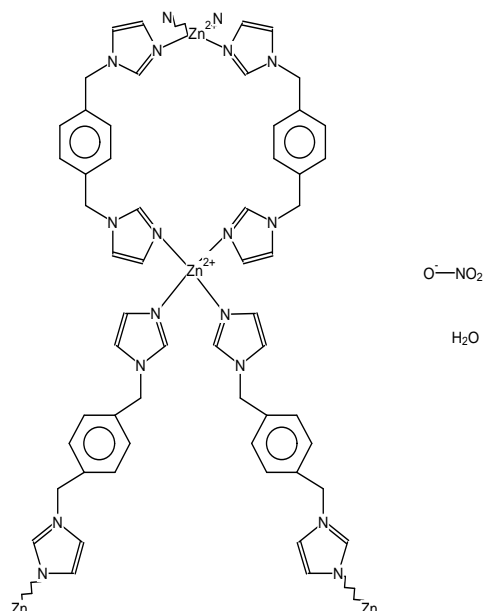
Reference: B.F.Hoskins, R.Robson, D.A.Slizys (1997) *Angew.Chem.,Int.Ed.* ,**36**,2336

Formula: (C₅₆ H₅₆ N₁₆ Zn₂⁴⁺)_n·4n(N₁ O₃¹⁻)·9n(H₂ O₁)

Compound Name: catena-(tetrakis(μ₂-1,4-bis(Imidazol-1-yl-methyl)benzene)-dizinc(ii) tetranitrate nonahydrate)-polyrotaxane

Space Group: P-1 **Cell:** a 10.489(1) b 13.539(2) c 13.659(2)
Space Group No.: 2 **(Å,°)** α 70.53(1) β 83.21(1) γ 77.27(1)

R-Factor (%): 7.16 **Temperature(K):** 295 **Density(g/cm³):** 1.392



NEQCUI

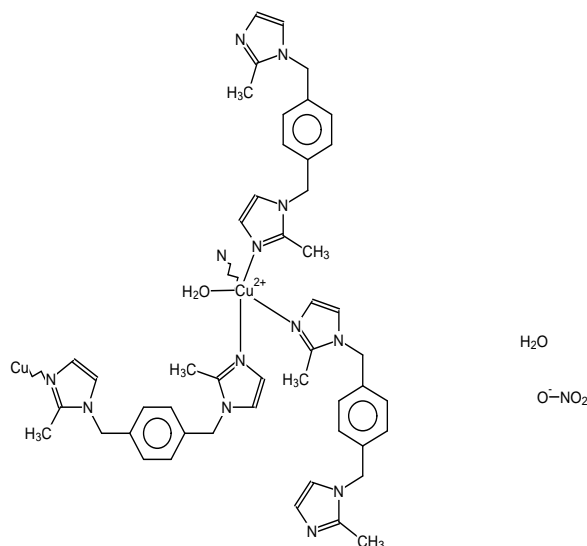
Reference: L.Dobrzanska, G.O.Lloyd, T.Jacobs, I.Rootman, C.L.Oliver, M.W.Bredenkamp, L.J.Barbour (2006) *J.Mol.Struct.* ,**796**, 107

Formula: (C₄₈ H₅₆ Cu₁ N₁₂ O₁²⁺)_n·2n(N₁ O₃¹⁻)·3n(H₂ O₁)

Compound Name: catena-(μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-aqua-bis(1,4-bis(2-methylimidazol-1-ylmethyl)benzene)-copper dinitrate trihydrate)

Space Group: C2/c **Cell:** a 15.977(2) b 12.489(1) c 25.713(4)
Space Group No.: 15 **(Å,°)** α 90.00 β 100.95(0) γ 90.00

R-Factor (%): 7.49 **Temperature(K):** 100 **Density(g/cm³):** 1.396



NEQDAP

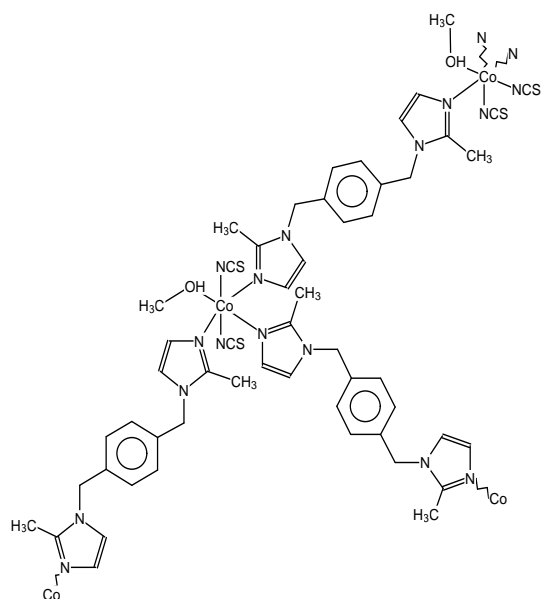
Reference: L.Dobrzanska, G.O.Lloyd, T.Jacobs, I.Rootman, C.L.Oliver, M.W.Bredenkamp, L.J.Barbour (2006) *J.Mol.Struct.* ,**796**, 107

Formula: (C₅₄ H₆₂ Co₂ N₁₆ O₂ S₄)_n

Compound Name: catena-(tris(μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-bis(methanol)-tetrakis(isothiocyanato)-di-cobalt)

Space Group: P21/n **Cell:** a 11.123(0) b 10.017(0) c 25.872(1)
Space Group No.: 14 **(Å,°)** α 90.00 β 90.26(0) γ 90.00

R-Factor (%): 6.06 **Temperature(K):** 298 **Density(g/cm³):** 1.398



NEQDET

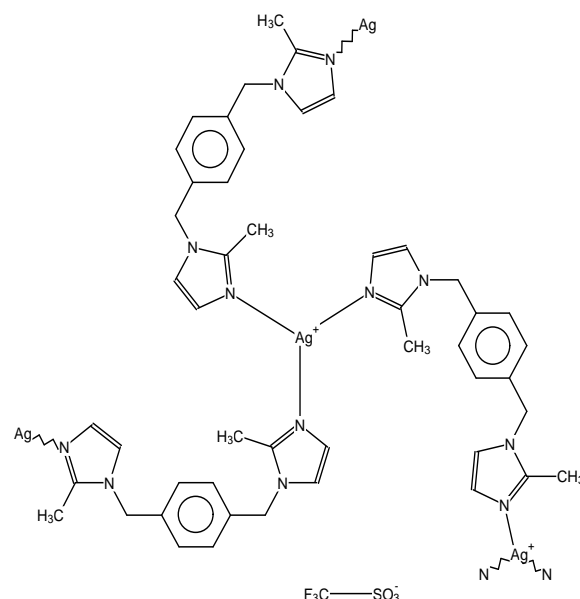
Reference: L.Dobrzanska, G.O.Lloyd, T.Jacobs, I.Rootman, C.L.Oliver, M.W.Bredenkamp, L.J.Barbour (2006) *J.Mol.Struct.* ,**796**, 107

Formula: (C₄₈ H₅₄ Ag₂ N₁₂ F₃ O₃ S₁¹⁻)_n

Compound Name: catena-(tris(μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-di-silver bis(trifluoromethanesulfonate))

Space Group: P-3 **Cell:** a 14.255(1) b 14.255(1) c 7.789(1)
Space Group No.: 147 **(Å,°)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 5.51 **Temperature(K):** 100 **Density(g/cm³):** 1.590



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 305-308

NEQDOD

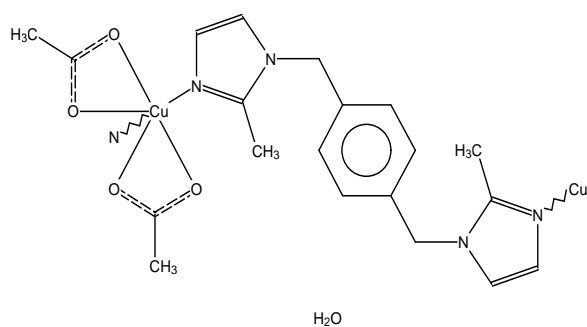
Reference: L.Dobrzanska, G.O.Lloyd, T.Jacobs, I.Rootman, C.L.Oliver, M.W.Bredenkamp, L.J.Barbour (2006) *J.Mol.Struct.* ,796, 107

Formula: (C₂₀ H₂₄ Cu₁ N₄ O₄)_n·2n(H₂ O₁)

Compound Name: catena-((μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-bis(acetato-O, O)-copper dihydrate)

Space Group: P2₁/c **Cell:** **a** 9.373(1) **b** 9.701(1) **c** 13.340(1)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 107.91(0) **γ** 90.00

R-Factor (%): 4.30 **Temperature(K):** 100 **Density(g/cm³):** 1.393



NEQZIU

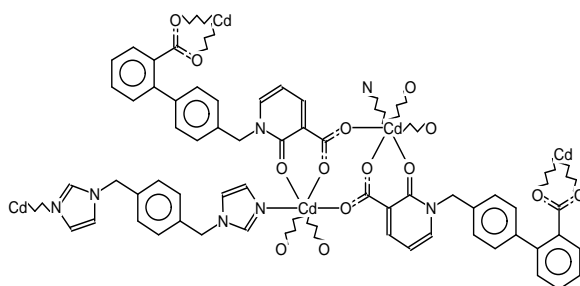
Reference: Ai-Ting Pu, Jin Yang, Wei-Qiu Kan, Yan Yang, Jian-Fang Ma (2013) *Polyhedron* ,50,556

Formula: (C₅₄ H₄₀ Cd₂ N₆ O₁₀)_n

Compound Name: catena-[bis(μ₃-1-((2'-Carboxylatobiphenyl-4-yl)methyl)-2-oxo-1,2-dihydropyridine-3-carboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-di-cadmium(ii)]

Space Group: C2/c **Cell:** **a** 13.815(0) **b** 15.863(0) **c** 21.769(0)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 105.13(0) **γ** 90.00

R-Factor (%): 3.23 **Temperature(K):** 293 **Density(g/cm³):** 1.670



NEQZOA

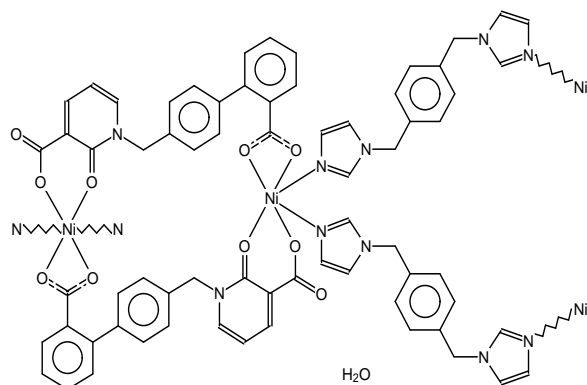
Reference: Ai-Ting Pu, Jin Yang, Wei-Qiu Kan, Yan Yang, Jian-Fang Ma (2013) *Polyhedron* ,50,556

Formula: (C₆₈ H₅₄ Ni₁₀ Ni₂ O₁₀)_n·4n(H₂ O₁)

Compound Name: catena-[bis(μ₂-1-((2'-Carboxylatobiphenyl-4-yl)methyl)-2-oxo-1,2-dihydropyridine-3-carboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-di-nickel(ii) tetrahydrate]

Space Group: P-1 **Cell:** **a** 10.661(0) **b** 10.882(0) **c** 14.438(0)
Space Group No.: 2 **(Å, °)** **α** 109.09(0) **β** 98.98(0) **γ** 94.75

R-Factor (%): 5.54 **Temperature(K):** 293 **Density(g/cm³):** 1.460



NETYUI

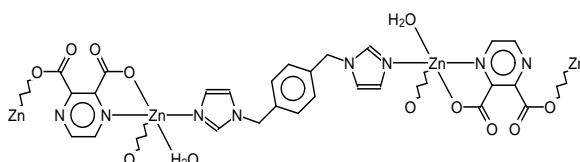
Reference: Xiu-Mei Li, Jian-Ye Ji, Yang-Ling Niu, Zhi-Tao Wang (2012) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,28,1712

Formula: (C₂₆ H₂₂ N₈ O₁₀ Zn₂)_n

Compound Name: catena-(bis(μ₂-Pyrazine-2,3-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-diaqua-di-zinc(ii))

Space Group: P-1 **Cell:** **a** 7.373(0) **b** 10.045(1) **c** 10.791(1)
Space Group No.: 2 **(Å, °)** **α** 113.77(0) **β** 102.01(0) **γ** 93.59(0)

R-Factor (%): 2.76 **Temperature(K):** 292 **Density(g/cm³):** 1.735



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 309-312

NICYON

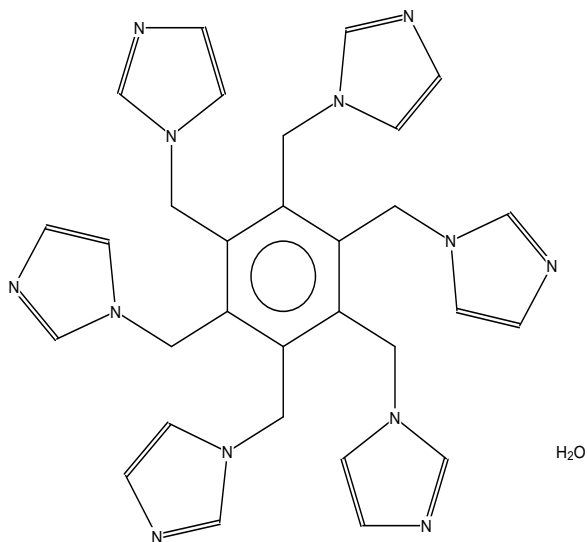
Reference: B.F.Hoskins, R.Robson, D.A.Slizys (1997)
Angew.Chem.,Int.Ed., **36**,2752

Formula: C₃₀H₃₀N₁₂·6(H₂O)₁

Compound Name: hexakis((Imidazol-1-yl)methyl)benzene hexahydrate

Space Group: P21/c **Cell:** a 10.353(1) b 14.010(1) c 11.432(1)
Space Group No.: 14 **(Å,°)** α 90.00 β 97.32(1) γ 90.00

R-Factor (%): 5.06 **Temperature(K):** 295 **Density(g/cm³):** 1.346



NICZAA

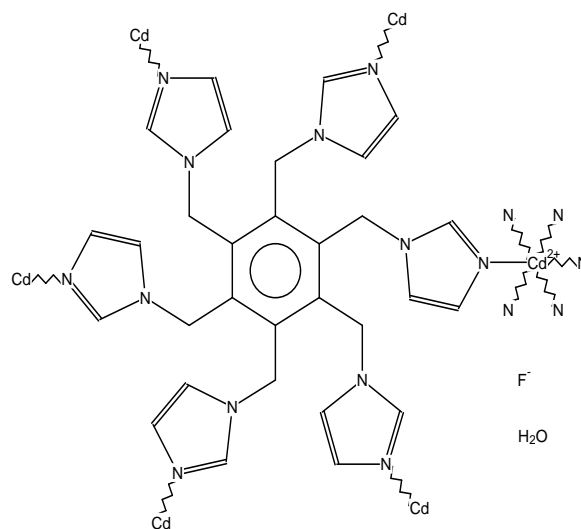
Reference: B.F.Hoskins, R.Robson, D.A.Slizys (1997)
Angew.Chem.,Int.Ed., **36**,2752

Formula: (C₃₀H₃₀Cd₁N₁₂²⁺)_n·2n(F₁⁻)₁·14n(H₂O)₁

Compound Name: catena-(μ₆-{hexakis((Imidazol-1-yl)methyl)benzene}-cadmium(ii) difluoride tetradecahydrate)

Space Group: R-3m **Cell:** a 11.958(2) b 11.958(2) c 25.035(3)
Space Group No.: 166 **(Å,°)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 5.79 **Temperature(K):** 150 **Density(g/cm³):** 1.545



NICZAA01

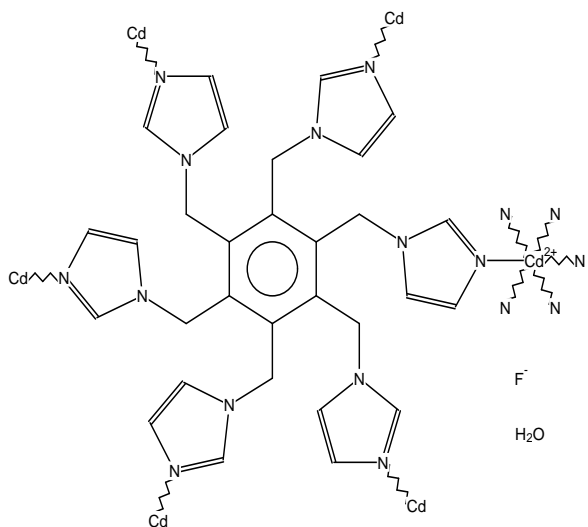
Reference: B.F.Hoskins, R.Robson, D.A.Slizys (1997)
Angew.Chem.,Int.Ed., **36**,2752

Formula: (C₃₀H₃₀Cd₁N₁₂²⁺)_n·2n(F₁⁻)₁·14n(H₂O)₁

Compound Name: catena-(μ₆-{hexakis((Imidazol-1-yl)methyl)benzene}-cadmium(ii) difluoride tetradecahydrate)

Space Group: R-3m **Cell:** a 11.989(2) b 11.989(2) c 25.362(5)
Space Group No.: 166 **(Å,°)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 4.21 **Temperature(K):** 295 **Density(g/cm³):** 1.517



NILGIA

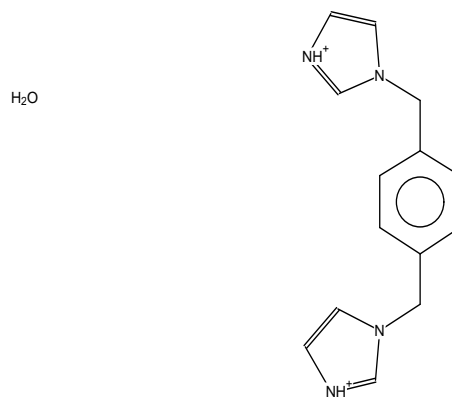
Reference: Qing Lan, Jun Zhang, Zhi-Ming Zhang, Ying Lu, En-Bo Wang (2013) *Dalton Trans.* **42**,16602

Formula: (C₂₈H₂₈N₈Ni₁O₄₀V₁W₁₂²⁻)_n·n(C₁₄H₁₆N₄²⁺)₁·n(H₂O)₁

Compound Name: catena-(1,4-bis((Imidazol-3-ium-1-yl)methyl)benzene tetrakis(μ₄-oxo)-bis(μ₂-1,4-bis((Imidazol-1-yl)methyl)benzene)-hexacosakis(μ₂-oxo)-decaoxo-nickel-dodeca-tungsten-vanadium monohydrate)

Space Group: Pbcn **Cell:** a 22.000(4) b 15.000(3) c 24.000(5)
Space Group No.: 60 **(Å,°)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.71 **Temperature(K):** 293 **Density(g/cm³):** 3.095



n-W₁₂VNi[μ₄-O]₄[μ₂-C₁₄H₁₄N₄-κ²N,N]₂[μ₂-O]₂₆[O]₁₀²⁻

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 313-316

NILGOG

Reference: Qing Lan, Jun Zhang, Zhi-Ming Zhang, Ying Lu, En-Bo Wang (2013) *Dalton Trans.* , **42**,16602

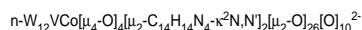
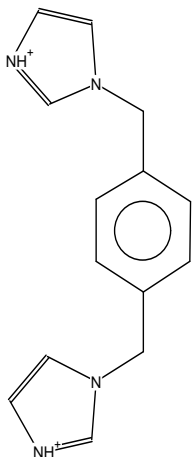
Formula: (C₂₈ H₂₈ Co₁ N₈ O₄₀ V₁ W₁₂ 2⁻)_n.n(C₁₄ H₁₆ N₄ 2⁺),2n(H₂ O₁)

Compound Name: catena-(1,4-bis(imidazol-3-ium-1-ylmethyl)benzene tetrakis(μ₄-oxo)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-hexacosakis(μ₂-oxo)-decaoxo-cobalt-dodeca-tungsten-vanadium dihydrate)

Space Group: Pbcn **Cell:** a 22.024(4) b 15.065(3) c 24.120(5)
Space Group No.: 60 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 7.84 **Temperature(K):** 293 **Density(g/cm³):** 3.078

H₂O



NINCAQ

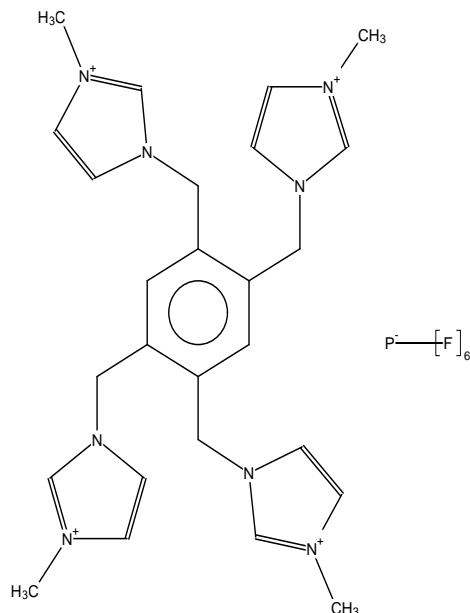
Reference: B.Nisar Ahamed, R.Dutta, P.Ghosh (2013) *Inorg.Chem.* , **52**,4269

Formula: C₂₆ H₃₄ N₈ 4⁺,4(F₆ P₁ 1⁻)

Compound Name: (1,2,4,5-tetrakis((3-Methyl-1H-imidazol-3-ium-1-yl)methyl)benzene) tetrakis(hexafluorophosphate)

Space Group: Pbcn **Cell:** a 17.744(3) b 9.340(1) c 25.063(4)
Space Group No.: 61 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 8.14 **Temperature(K):** 150 **Density(g/cm³):** 1.661



NINCEU

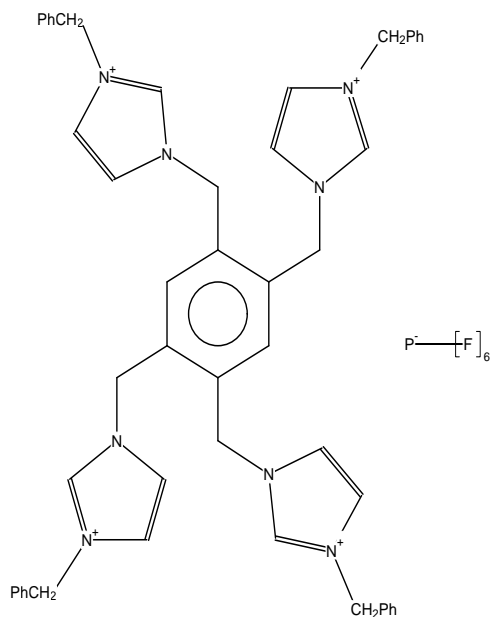
Reference: B.Nisar Ahamed, R.Dutta, P.Ghosh (2013) *Inorg.Chem.* , **52**,4269

Formula: C₅₀ H₅₀ N₈ 4⁺,4(F₆ P₁ 1⁻)

Compound Name: (1,2,4,5-tetrakis((3-Benzyl-1H-imidazol-3-ium-1-yl)methyl)benzene) tetrakis(hexafluorophosphate)

Space Group: P21/c **Cell:** a 7.384(1) b 30.819(5) c 12.473(1)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 91.07(0) γ 90.00

R-Factor (%): 8.19 **Temperature(K):** 293 **Density(g/cm³):** 1.572



NINCIY

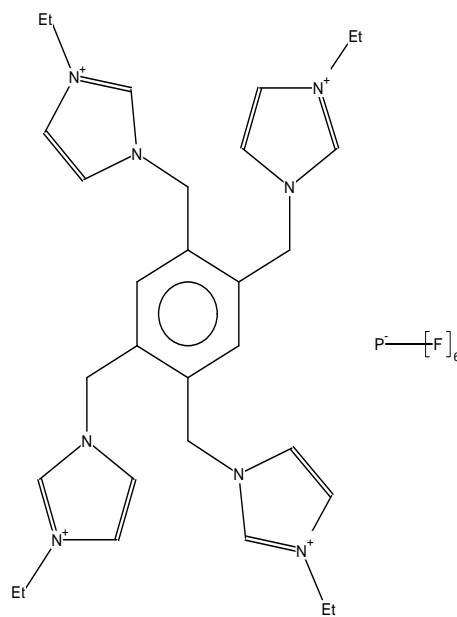
Reference: B.Nisar Ahamed, R.Dutta, P.Ghosh (2013) *Inorg.Chem.* , **52**,4269

Formula: C₃₀ H₄₂ N₈ 4⁺,4(F₆ P₁ 1⁻)

Compound Name: (1,2,4,5-tetrakis((3-Ethyl-1H-imidazol-3-ium-1-yl)methyl)benzene) tetrakis(hexafluorophosphate)

Space Group: P21/n **Cell:** a 10.262(0) b 9.130(0) c 23.068(1)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 91.59(0) γ 90.00

R-Factor (%): 5.02 **Temperature(K):** 150 **Density(g/cm³):** 1.683



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 317-320

NIRCAU

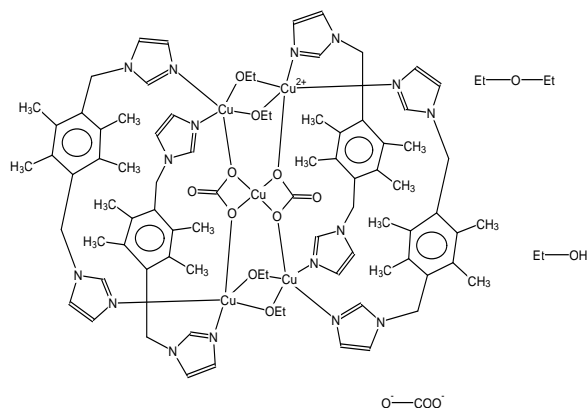
Reference: T.Inoue, K.Yamanishi, M.Kondo (2013) *Inorg.Chem.* ,52, 4765

Formula: $C_{82}H_{108}Cu_5N_{16}O_{10}^{2+} \cdot C_1O_3^{2-} \cdot 3(C_4H_{10}O_1) \cdot 3(C_2H_6O_1)$

Compound Name: bis(μ_3 -carbonato)-tetrakis(μ_2 -1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(1H-imidazole)-tetrakis(μ_2 -ethoxo)-penta-copper carbonate diethyl ether ethanol solvate

Space Group: C2/m **Cell:** a 22.794(1) b 23.164(0) c 15.036(0)
Space Group No.: 12 **(Å, °)** α 90.00 β 123.26(0) γ 90.00

R-Factor (%): 6.14 **Temperature(K):** 173 **Density(g/cm³):** 1.109



NIRCEY

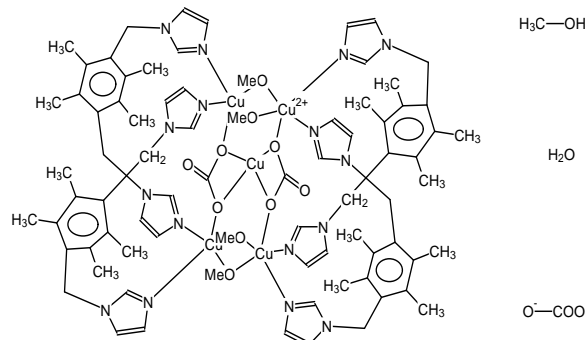
Reference: T.Inoue, K.Yamanishi, M.Kondo (2013) *Inorg.Chem.* ,52, 4765

Formula: $C_{78}H_{100}Cu_5N_{16}O_{10}^{2+} \cdot C_1O_3^{2-} \cdot 7.5(C_1H_4O_1) \cdot 3(H_2O_1)$

Compound Name: bis(μ_3 -carbonato)-tetrakis(μ_2 -1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(1H-imidazole)-tetrakis(μ_2 -methoxo)-penta-copper carbonate methanol solvate trihydrate

Space Group: P-1 **Cell:** a 12.148(2) b 14.288(3) c 16.746(3)
Space Group No.: 2 **(Å, °)** α 107.28(0) β 106.64(0) γ 100.65(0)

R-Factor (%): 6.49 **Temperature(K):** 173 **Density(g/cm³):** 1.368



NIRCIC

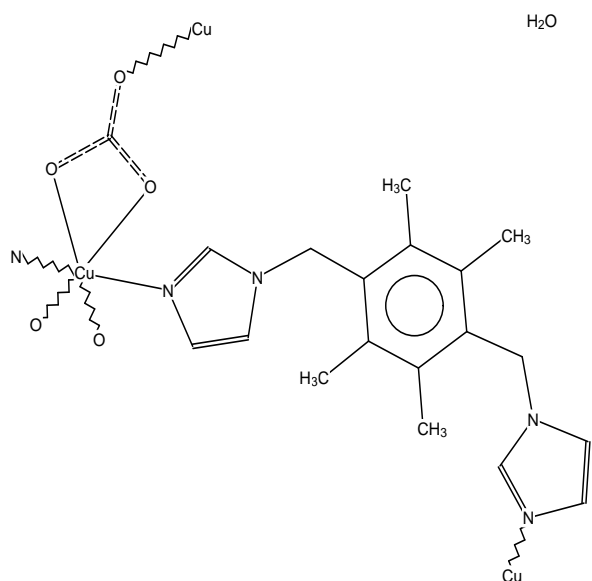
Reference: T.Inoue, K.Yamanishi, M.Kondo (2013) *Inorg.Chem.* ,52, 4765

Formula: $(C_{19}H_{22}Cu_1N_4O_3)n \cdot 2n(H_2O_1)$

Compound Name: catena-[(μ_2 -carbonato)-(μ_2 -1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(1H-imidazole)]-copper dihydrate

Space Group: P2/c **Cell:** a 11.572(3) b 5.149(2) c 16.697(5)
Space Group No.: 13 **(Å, °)** α 90.00 β 101.30(0) γ 90.00

R-Factor (%): 8.41 **Temperature(K):** 173 **Density(g/cm³):** 1.545



NOBVOQ

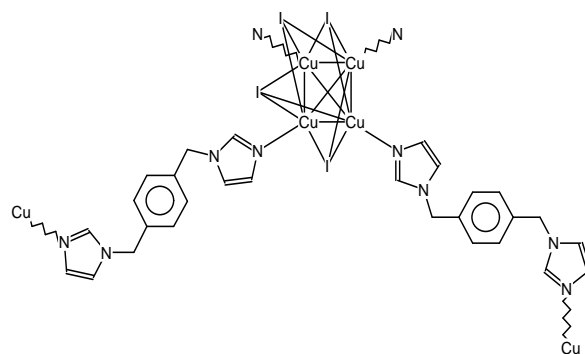
Reference: Tao Li, Shao-Wu Du (2008) *J.Cluster Sci.* ,19,323

Formula: $(C_{28}H_{28}Cu_4I_4N_8)n$

Compound Name: catena-(tetrakis(μ_3 -iodo)-bis(μ_2 -1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-tetra-copper(i))

Space Group: P-1 **Cell:** a 8.953(0) b 14.075(1) c 14.726(1)
Space Group No.: 2 **(Å, °)** α 92.33(0) β 97.68(0) γ 90.57(0)

R-Factor (%): 5.26 **Temperature(K):** 293 **Density(g/cm³):** 2.239



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 321-324

NURMOD

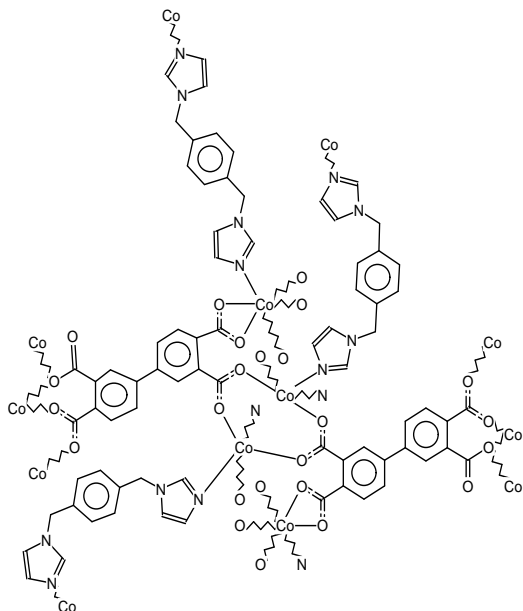
Reference: Hong Chen, Kun Zhu, Guang-Xiang Liu, Xiao-Ming Ren (2010) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **29**,347

Formula: (C₇₄ H₅₄ Co₄ N₁₂ O₁₆)_n

Compound Name: catena-(bis(μ₆-biphenyl-3,3',4,4'-tetracarboxylato)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-cobalt(ii))

Space Group: P-1 **Cell:** a 10.770(7) b 12.245(8) c 13.514(9)
Space Group No.: 2 **(Å, °)** α 102.83(0) β 107.73(0) γ 98.83(0)

R-Factor (%): 6.94 **Temperature(K):** 293 **Density(g/cm³):** 1.656



OFUDUQ

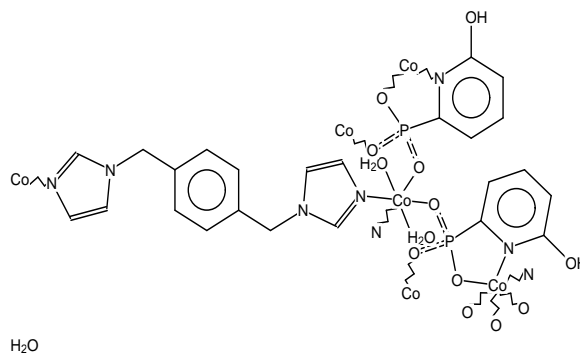
Reference: Yun-Sheng Ma, Li-Qin Zha, Wang-Shui Cai, Xiao-Yan Tang, Rong-Xin Yuan (2013) *Inorg.Chim.Acta*, **406**,217

Formula: (C₂₄ H₂₆ Co₂ N₆ O₁₀ P₂)_n·2(H₂O)₁

Compound Name: catena-((μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₃-6-hydroxy-2-pyridinephosphonite)-aqua-di-cobalt dihydrate)

Space Group: P-1 **Cell:** a 5.195(1) b 10.530(2) c 14.260(3)
Space Group No.: 2 **(Å, °)** α 74.29(3) β 89.02(3) γ 82.30(3)

R-Factor (%): 3.51 **Temperature(K):** 293 **Density(g/cm³):** 1.728



OGOWIR

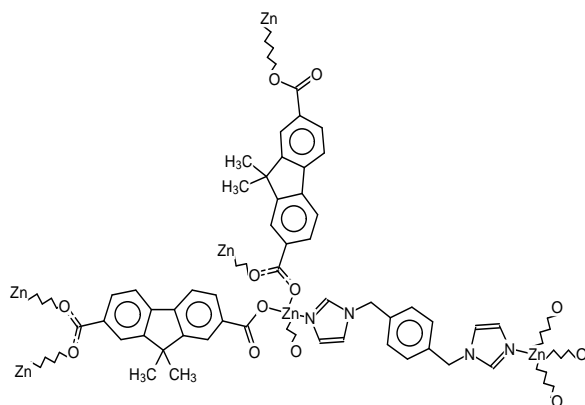
Reference: Hua-Dong Guo, Dong-Fang Qiu, Xian-Min Guo, Guo-Li Zheng, Xiao Wang, Song Dang, Hong-Jie Zhang (2009) *CrystEngComm*, **11**,2425

Formula: (C₄₈ H₃₈ N₄ O₈ Zn₂)_n

Compound Name: catena-(bis(μ₃-9,9-Dimethylfluorene-2,7-dicarboxylato-O,O',O'')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-di-zinc)

Space Group: Pbcn **Cell:** a 20.621(5) b 11.347(5) c 20.071(5)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.17 **Temperature(K):** 293 **Density(g/cm³):** 1.315



OHAMEQ

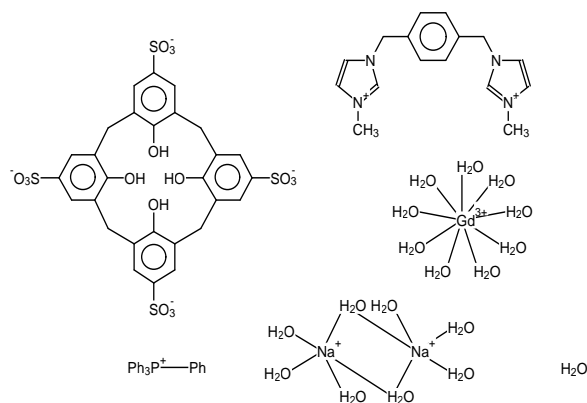
Reference: I.Ling, Y.Alias, A.N.Sobolev, C.L.Raston (2009) *Cryst.Growth Des.*, **9**,4497

Formula: 2(C₂₈ H₂₀ O₁₆ S₄⁴⁻)·2(C₂₄ H₂₀ P₁¹⁺)·C₁₆ H₂₀ N₄²⁺·H₁₈ Gd₁ O₉³⁺·0.5(H₁₆ Na₂ O₈²⁺)·11(H₂O)₁

Compound Name: bis(5,11,17,23-tetrakis(sulfonato)-25,26,27,28-tetrahydroxycalix[4]arene) bis(tetraphenylphosphonium 1,1'-(1,4-phenylenebis(methylene))bis(3-methyl-1H-imidazol-3-ium) nonaqua-gadolinium(iii) hemikis(bis(μ₂-aqua)-hexaaqua-di-sodium(i)) undecahydrate

Space Group: P-1 **Cell:** a 14.697(0) b 23.202(0) c 24.717(0)
Space Group No.: 2 **(Å, °)** α 112.76(0) β 90.42(0) γ 104.35(0)

R-Factor (%): 15.00 **Temperature(K):** 100 **Density(g/cm³):** 1.350



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 325-328

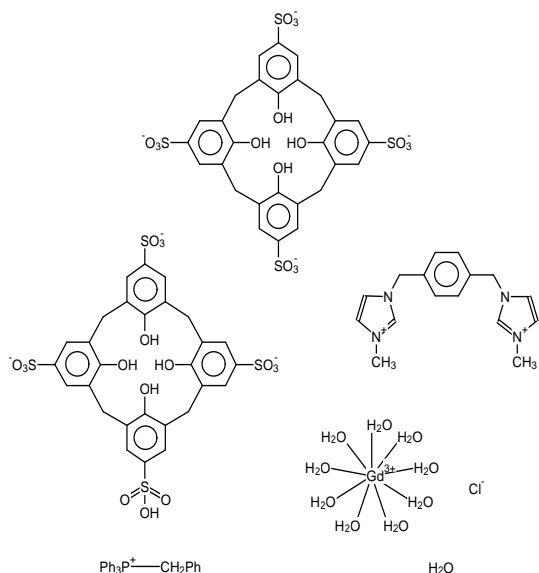
OHAMIU

Reference: I.Ling, Y.Alias, A.N.Sobolev, C.L.Raston (2009)
Cryst.Growth Des., 9,4497

Formula: $3(C_{28}H_{21}O_{16}S_4^{3-}) \cdot 8(C_{25}H_{22}P_1^{1+}) \cdot 2(C_{16}H_{20}N_4^{2+}) \cdot 68(H_2O) \cdot 0.67(H_{18}GdO_9Cl_1) \cdot 2(C_{28}H_{20}O_{16}S_4^{3-})$

Compound Name: tris(5,11,17-tris(sulfonato)-23-sulfo-25,26,27,28-tetrahydroxycalix[4]arene) 5,11,17,23-tetrakis(sulfonato)-25,26,27,28-tetrahydroxycalix[4]arene octakis(triphenyl(benzyl)phosphonium) bis(1,1'-(1,4-phenylenebis(methylene))bis(3-methyl-1H-imidazol-3-ium)) nonaaqua-gadolinium(iii) chloride octahexacontahydrate

Space Group: P21/m **Cell:** a 14.875(0) b 42.779(0) c 17.769(0)
Space Group No.: 11 **(Å, °)** α 90.00 β 97.07(0) γ 90.00
R-Factor (%): 14.15 **Temperature(K):** 100 **Density(g/cm³):** 1.155



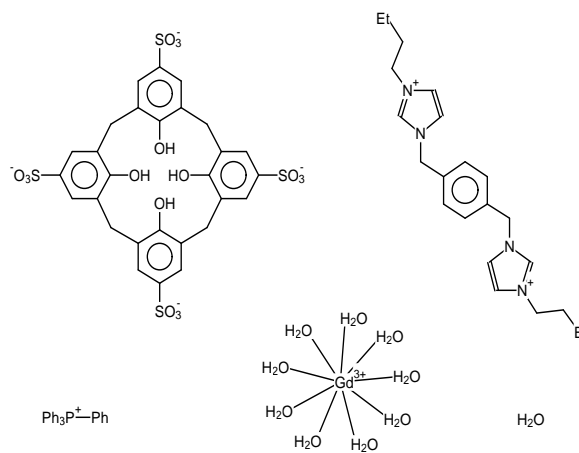
OHAMOA

Reference: I.Ling, Y.Alias, A.N.Sobolev, C.L.Raston (2009)
Cryst.Growth Des., 9,4497

Formula: $2(C_{28}H_{20}O_{16}S_4^{3-}) \cdot C_{22}H_{32}N_4^{2+} \cdot 3(C_{24}H_{20}P_1^{1+}) \cdot H_{18}GdO_9^{3+} \cdot 21(H_2O)$

Compound Name: bis(5,11,17,23-tetrakis(sulfonato)-25,26,27,28-tetrahydroxycalix[4]arene) tris(triphenylphosphonium) 1,1'-(1,4-phenylenebis(methylene))bis(3-n-butyl-1H-imidazol-3-ium) nonaaqua-gadolinium(iii) hexicosahydrate

Space Group: P-1 **Cell:** a 14.326(0) b 22.765(0) c 28.106(0)
Space Group No.: 2 **(Å, °)** α 112.81(0) β 91.72(0) γ 97.86(0)
R-Factor (%): 12.36 **Temperature(K):** 100 **Density(g/cm³):** 1.414



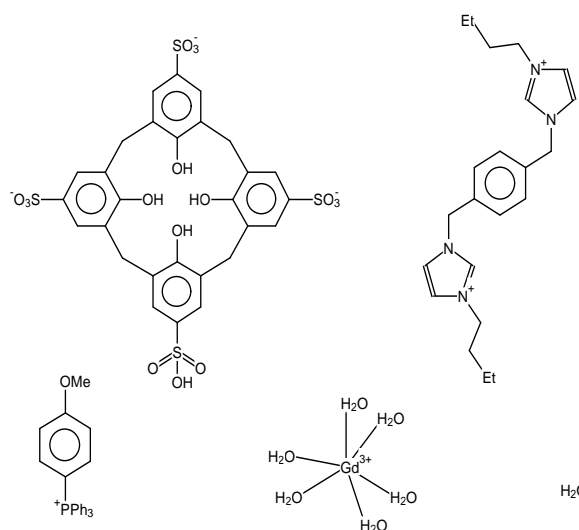
OHAMUG

Reference: I.Ling, Y.Alias, A.N.Sobolev, C.L.Raston (2009)
Cryst.Growth Des., 9,4497

Formula: $4(C_{28}H_{21}O_{16}S_4^{3-}) \cdot 3(C_{22}H_{32}N_4^{2+}) \cdot 4(C_{25}H_{22}O_1P_1^{1+}) \cdot 0.67(H_{12}GdO_6^{3+}) \cdot 4(H_2O)$

Compound Name: tetrakis(5,11,17-tris(sulfonato)-23-sulfo-25,26,27,28-tetrahydroxycalix[4]arene) tetrakis(triphenyl(4-methoxyphenyl)phosphonium) tris(1,1'-(1,4-phenylenebis(methylene))bis(3-methyl-1H-imidazol-3-ium)) hexaaqua-gadolinium(iii) tetracosahydrate

Space Group: P-1 **Cell:** a 14.367(0) b 19.149(0) c 29.385(0)
Space Group No.: 2 **(Å, °)** α 85.05(0) β 76.23(0) γ 86.05(0)
R-Factor (%): 18.50 **Temperature(K):** 100 **Density(g/cm³):** 1.299



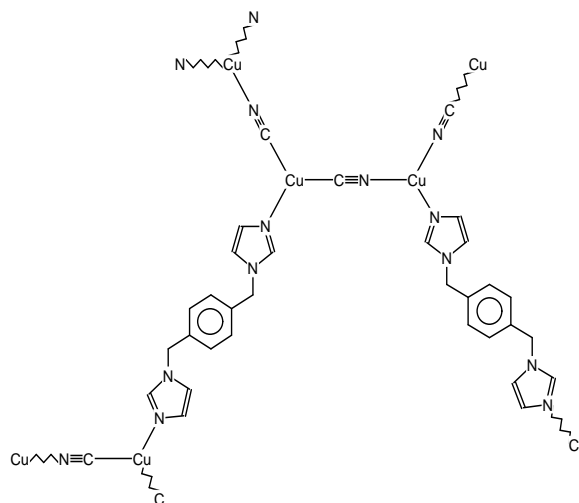
OHAPAP

Reference: Mei-Hong Hu, Gui-Lan Shen, Jing-Xian Zhang, Ye-Gao Yin, Dan Li (2009) *Cryst.Growth Des.*, 9,4533

Formula: $(C_{32}H_{28}Cu_4N_{12})n$

Compound Name: catena-(bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetrakis(μ₂-cyano)-tetra-copper)

Space Group: P21/n **Cell:** a 8.800(1) b 15.350(2) c 12.178(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.83(0) γ 90.00
R-Factor (%): 5.56 **Temperature(K):** 273 **Density(g/cm³):** 1.692



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 329-332

OHAPIX

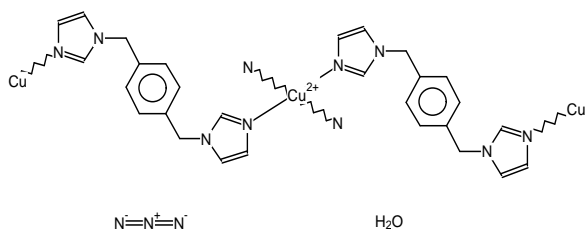
Reference: Mei-Hong Hu, Gui-Lan Shen, Jing-Xian Zhang, Ye-Gao Yin, Dan Li (2009) *Cryst.Growth Des.* ,9,4533

Formula: (C₂₈ H₂₈ Cu₁ N₈²⁺)_n.2n(N₃¹⁻).n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-copper(ii) diazide monohydrate)

Space Group: P-1 **Cell:** *a* 8.673(0) *b* 13.678(1) *c* 14.108(1)
Space Group No.: 2 **(Å, °)** α 77.42(0) β 76.20(0) γ 73.77(0)

R-Factor (%): 9.43 **Temperature(K):** 293 **Density(g/cm³):** 1.385



OHIMAU

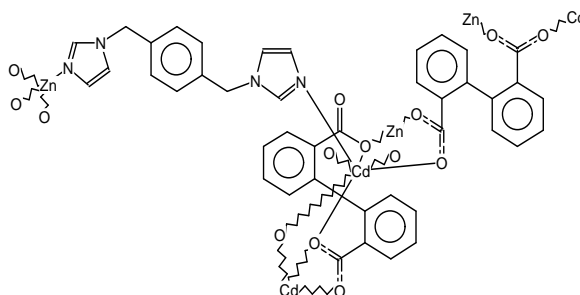
Reference: Guang-Xiang Liu, Kun Zhu, Huan-Min Xu, S.Nishihara, Rong-Yi Huang, Xiao-Ming Ren (2009) *CrystEngComm* ,11,2784

Formula: (C₄₂ H₃₀ Cd₁ N₄ O₈ Zn₁)_n

Compound Name: catena-(μ₄-Biphenyl-2,2'-dicarboxylato)-(μ₃-biphenyl-2,2'-dicarboxylato)-(μ₂-4,4'-bis(imidazolymethyl)benzene)-cadmium-zinc

Space Group: P-1 **Cell:** *a* 11.979(0) *b* 12.664(0) *c* 13.630(0)
Space Group No.: 2 **(Å, °)** α 72.64(0) β 86.58(0) γ 70.36(0)

R-Factor (%): 3.42 **Temperature(K):** 293 **Density(g/cm³):** 1.604



OKEHUI

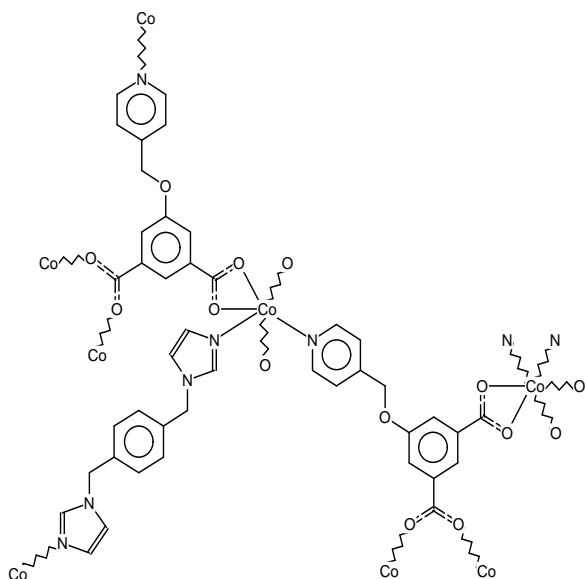
Reference: Ling Qin, Jin-Song Hu, Liang-Fang Huang, Yi-Zhi Li, Zi-Jian Guo, He-Gen Zheng (2010) *Cryst.Growth Des.* ,10,4176

Formula: (C₄₂ H₃₂ Co₂ N₆ O₁₀)_n

Compound Name: catena-(bis(μ₄-5-(pyridin-4-ylmethoxy)isophthalato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cobalt(ii))

Space Group: C2/c **Cell:** *a* 15.682(2) *b* 15.554(2) *c* 16.500(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 106.97(0) γ 90.00

R-Factor (%): 4.79 **Temperature(K):** 291 **Density(g/cm³):** 1.551



OKEJAJ

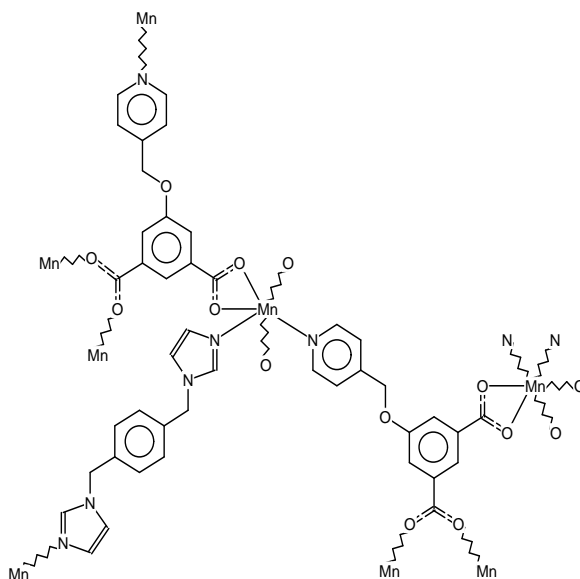
Reference: Ling Qin, Jin-Song Hu, Liang-Fang Huang, Yi-Zhi Li, Zi-Jian Guo, He-Gen Zheng (2010) *Cryst.Growth Des.* ,10,4176

Formula: (C₄₂ H₃₂ Mn₂ N₆ O₁₀)_n

Compound Name: catena-(bis(μ₄-5-(pyridin-4-ylmethoxy)isophthalato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-manganese(ii))

Space Group: C2/c **Cell:** *a* 15.815(1) *b* 15.579(1) *c* 16.745(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 108.20(0) γ 90.00

R-Factor (%): 5.44 **Temperature(K):** 291 **Density(g/cm³):** 1.509



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 333-336

OKEJEU

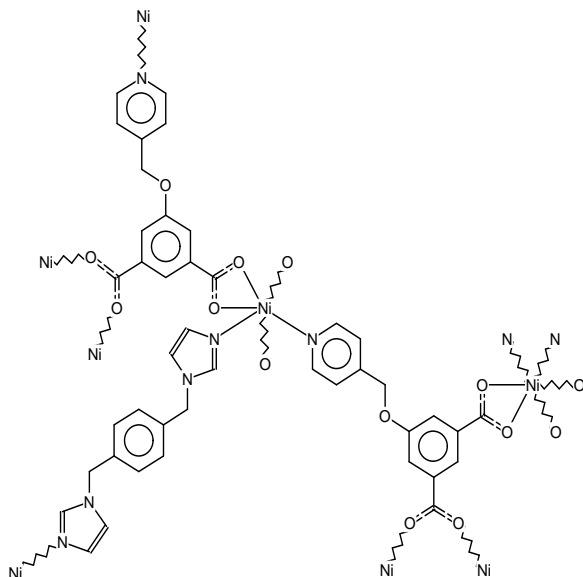
Reference: Ling Qin, Jin-Song Hu, Liang-Fang Huang, Yi-Zhi Li, Zi-Jian Guo, He-Gen Zheng (2010) *Cryst.Growth Des.* ,10,4176

Formula: (C₄₂ H₃₂ N₆ Ni₂ O₁₀)_n

Compound Name: catena-(bis(μ₄-5-(pyridin-4-ylmethoxy)isophthalato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-nickel(ii))

Space Group: C2/c **Cell:** a 15.564(3) b 15.550(3) c 16.359(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 106.92(0) γ 90.00

R-Factor (%): 6.01 **Temperature(K):** 291 **Density(g/cm³):** 1.575



OMAFIS

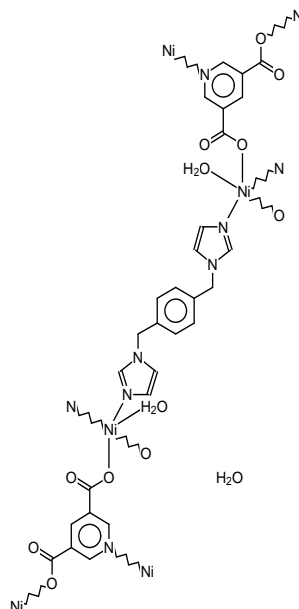
Reference: Yanyan Lv, Yan Qi, Lixin Sun, Feng Luo, Yunxia Che, Jimin Zheng (2010) *Eur.J.Inorg.Chem.* ,5592

Formula: (C₂₈ H₂₄ N₆ Ni₂ O₁₀)_n·2n(H₂ O)

Compound Name: catena-(bis(μ₃-pyridine-3,5-dicarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-diaqua-di-nickel dihydrate)

Space Group: P21/c **Cell:** a 12.803(3) b 9.817(2) c 12.104(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.06(3) γ 90.00

R-Factor (%): 5.21 **Temperature(K):** 298 **Density(g/cm³):** 1.656



OMEBEO

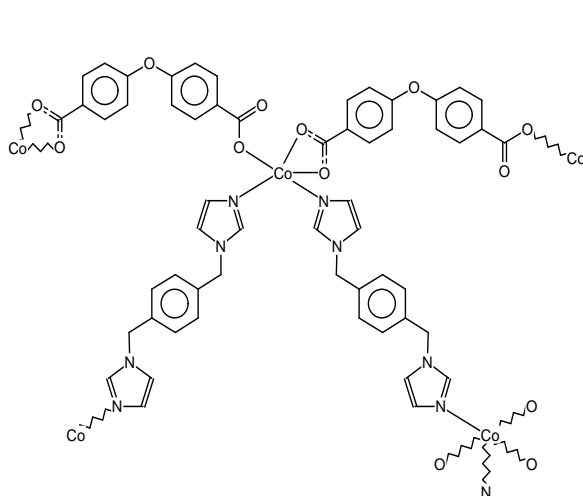
Reference: Yun Xu, Pang-Kuan Chen, Yun-Xia Che, Ji-Min Zheng (2010) *Eur.J.Inorg.Chem.* ,5478

Formula: (C₅₆ H₄₄ Co₂ N₈ O₁₀)_n

Compound Name: catena-(bis(μ₂-4,4'-oxydibenzoato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cobalt-polycatenate)

Space Group: P21/c **Cell:** a 9.242(1) b 14.546(3) c 18.867(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.24(3) γ 90.00

R-Factor (%): 6.94 **Temperature(K):** 298 **Density(g/cm³):** 1.483



OMEBIS

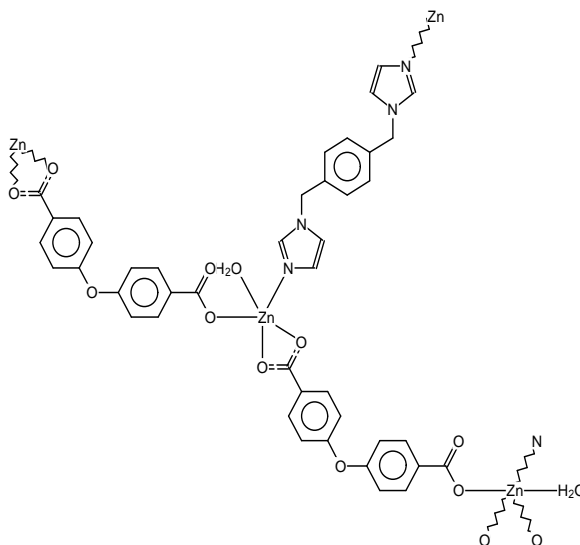
Reference: Yun Xu, Pang-Kuan Chen, Yun-Xia Che, Ji-Min Zheng (2010) *Eur.J.Inorg.Chem.* ,5478

Formula: (C₄₂ H₃₄ N₄ O₁₂ Zn₂)_n

Compound Name: catena-(bis(μ₂-4,4'-oxydibenzoato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-diaqua-di-zinc-polycatenate)

Space Group: C2/c **Cell:** a 22.880(5) b 12.496(3) c 22.617(8)
Space Group No.: 15 **(Å, °)** α 90.00 β 143.13(1) γ 90.00

R-Factor (%): 5.74 **Temperature(K):** 293 **Density(g/cm³):** 1.571



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 337-340

OTAQUW

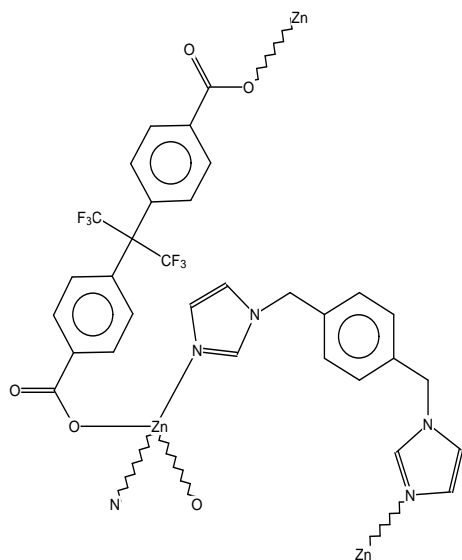
Reference: Chang-Chun Ji, Ling Qin, Yi-Zhi Li, Zi-Jian Guo, He-Gen Zheng (2011) *Cryst.Growth Des.* ,11,480

Formula: (C₃₁ H₂₂ F₆ N₄ O₄ Zn₁)_n.2n(C₃ H₇ N₁ O₁)_n(H₂ O₁)

Compound Name: catena-((μ₂-4,4'-(Hexafluoroisopropylidene)bis(benzoato))-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-zinc dimethylformamide solvate monohydrate)

Space Group: P21/n **Cell:** a 13.001(3) b 26.347(6) c 13.131(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 117.31(0) γ 90.00

R-Factor (%): 4.37 **Temperature(K):** 291 **Density(g/cm³):** 1.426



OHC—NMe₂

H₂O

OTARAD

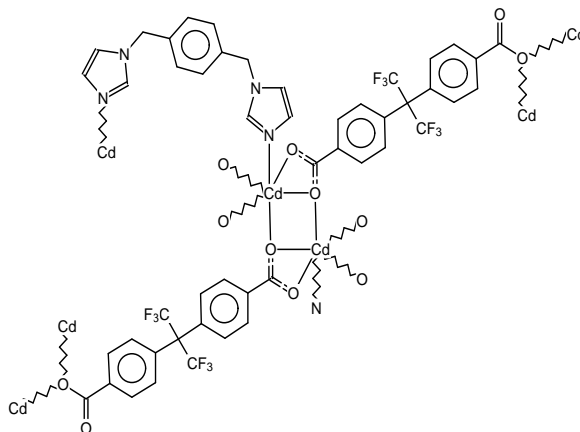
Reference: Chang-Chun Ji, Ling Qin, Yi-Zhi Li, Zi-Jian Guo, He-Gen Zheng (2011) *Cryst.Growth Des.* ,11,480

Formula: (C₄₈ H₃₀ Cd₂ F₁₂ N₄ O₈)_n

Compound Name: catena-(bis(μ₂-4,4'-(Hexafluoroisopropylidene)bis(benzoato))-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cadmium)

Space Group: P21/n **Cell:** a 7.430(0) b 25.077(3) c 13.233(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.19(0) γ 90.00

R-Factor (%): 4.92 **Temperature(K):** 293 **Density(g/cm³):** 1.714



OVAZIV

Reference: A.C.Kathalikkattil, K.K.Bisht, N.Aliaga-Alcalde, E.Suresh (2011) *Cryst.Growth Des.* ,11,1631

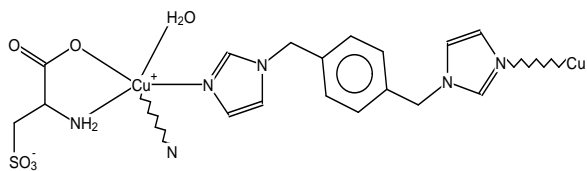
Formula: (C₁₇ H₂₁ Cu₁ N₅ O₆ S₁)_n.n(H₂ O₁)

Compound Name: catena-((μ₂-1,1'-(benzene-1,4-diyl)dimethanediyl)bis(1H-imidazole))-((2-amino-3-sulfonatopropanoate)-aqua-copper(ii) monohydrate)

Synonym: catena-((μ₂-1,1'-(benzene-1,4-diyl)dimethanediyl)bis(1H-imidazole))-((L-cysteate)-aqua-copper(ii) monohydrate)

Space Group: P21/c **Cell:** a 10.320(1) b 19.695(1) c 11.039(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 112.80(0) γ 90.00

R-Factor (%): 8.31 **Temperature(K):** 110 **Density(g/cm³):** 1.622



H₂O

OVAZOB

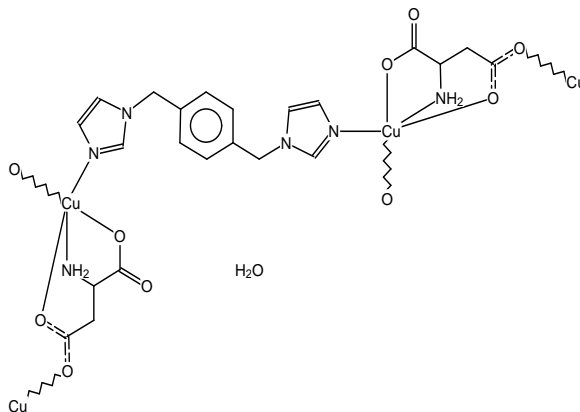
Reference: A.C.Kathalikkattil, K.K.Bisht, N.Aliaga-Alcalde, E.Suresh (2011) *Cryst.Growth Des.* ,11,1631

Formula: (C₂₂ H₂₄ Cu₂ N₆ O₈)_n.2n(H₂ O₁)

Compound Name: catena-((μ₂-1,1'-(benzene-1,4-diyl)dimethanediyl)bis(1H-imidazole))-bis(μ₂-L-aspartato)-di-copper(ii) dihydrate)

Space Group: P21212 **Cell:** a 23.234(6) b 5.174(1) c 11.294(3)
Space Group No.: 18 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 8.42 **Temperature(K):** 293 **Density(g/cm³):** 1.623



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 341-344

OXOQIC

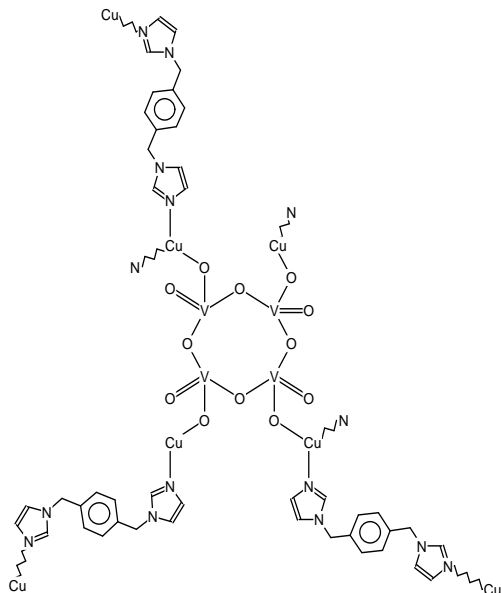
Reference: Peng-peng Zhang, Jun Peng, Hai-jun Pang, Yuan Chen, Min Zhu, Dan-dan Wang, Ming-guan Liu, Ying-hui Wang (2010) *Inorg.Chem.Commun.* ,13,1414

Formula: (C₄₂ H₄₂ Cu₄ N₁₂ O₁₂ V₄)_n

Compound Name: catena-(tris(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-octakis(μ₂-oxo)-tetraoxo-tetra-copper-tetra-vanadium)

Space Group: P-1 **Cell:** a 9.659(5) b 11.501(5) c 12.169(5)
Space Group No.: 2 **(Å, °)** α 70.08(0) β 81.32(0) γ 75.17(0)

R-Factor (%): 5.73 **Temperature(K):** 296 **Density(g/cm³):** 1.849



OYENOW

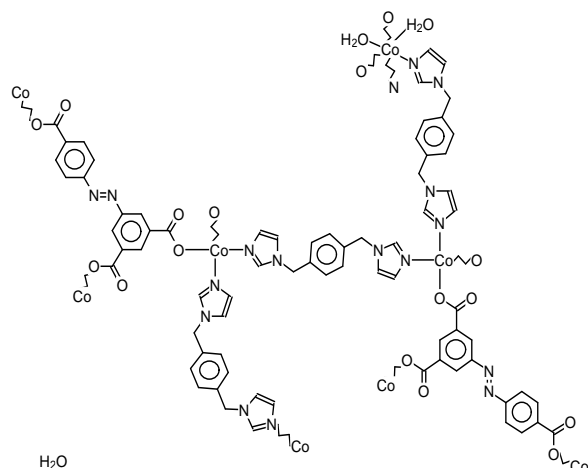
Reference: Zi-Liang Wang, Ming-Xue Li, Jun-Wei Zhao, Jing-Ping Wang (2011) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,30,654

Formula: (C₇₂ H₆₀ Co₃ N₁₆ O₁₄)_n.0.5n(H₂O)₁

Compound Name: catena-(bis(μ₃-5-(4-Carboxylatophenyl)diazenyl)isophthalato)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-diaqua-tri-cobalt(ii) hemihydrate)

Space Group: P-1 **Cell:** a 12.471(1) b 12.727(1) c 14.238(1)
Space Group No.: 2 **(Å, °)** α 70.48(0) β 74.36(0) γ 62.28(0)

R-Factor (%): 5.08 **Temperature(K):** 293 **Density(g/cm³):** 1.386



PAMRIG

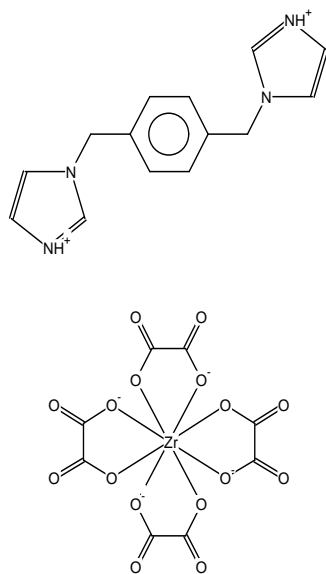
Reference: G.Mouchaham, N.Roques, S.Brandes, C.Duhayon, J.-P.Sutter (2011) *Cryst.Growth Des.* ,11,5424

Formula: C₁₄ H₁₆ N₄ 2⁺.0.5(C₈ O₁₆ Zr₁ 4⁻).0.25(H₂O)₁

Compound Name: 1,4-bis(imidazol-3-ium-1-ylmethyl)benzene hemikis(tetrakis(oxalato)-zirconium) hydrate

Space Group: lbca **Cell:** a 15.858(0) b 21.872(0) c 22.368(0)
Space Group No.: 73 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.66 **Temperature(K):** 100 **Density(g/cm³):** 1.597



PASJUQ

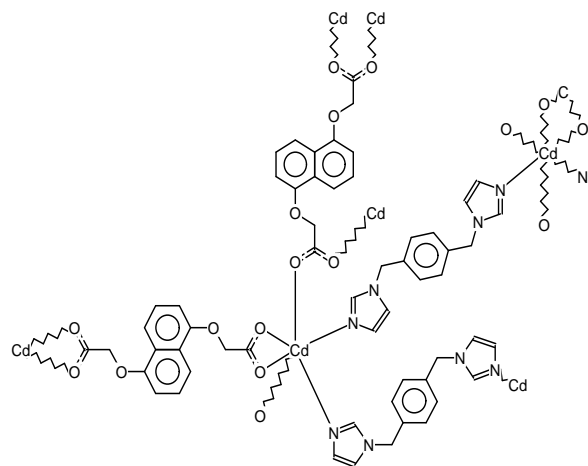
Reference: Lian-Jie Li, Chao Qin, Xin-Long Wang, Kui-Zhan Shao, Zhong-Min Su, Peng-Jun Liu (2012) *CrystEngComm* ,14,4205

Formula: (C₅₆ H₄₈ Cd₂ N₈ O₁₂)_n

Compound Name: catena-((μ₄-2,2'-(Naphthalene-1,5-diylbis(oxy))diacetato)-(μ₂-2,2'-(naphthalene-1,5-diylbis(oxy))diacetato)-bis(1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cadmium)

Space Group: P-1 **Cell:** a 10.005(2) b 11.303(3) c 12.206(3)
Space Group No.: 2 **(Å, °)** α 100.80(0) β 107.31(0) γ 98.94(0)

R-Factor (%): 5.58 **Temperature(K):** 293 **Density(g/cm³):** 1.646



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 345-348

PEGWUV

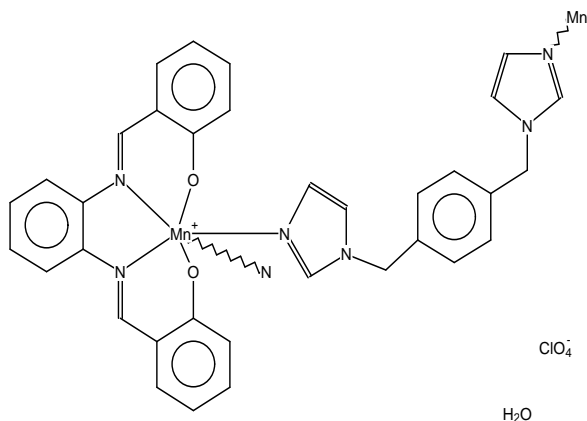
Reference: Cong-Ming Zhang, Xi-Feng Gao, Mei Zhu, Yun-Gai Li, Qing-Lun Wang, Li-Cun Li (2013) *J.Mol.Struct.* ,1033,8

Formula: (C₃₄ H₂₈ Mn₁ N₆ O₂ 1⁺)n.(C₁₄ O₄ 1⁻).2n(H₂ O₁)

Compound Name: catena-((μ₂-1,1'-(1,4-Phenylenebis(methylene))-bis(1H-imidazole))-(2,2'-(1,2-phenylenebis((nitrido-N)methylidene))-diphenolato)-manganese perchlorate dihydrate)

Space Group: C2/c **Cell:** a 11.455(3) b 15.070(3) c 20.728(4)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 103.70(0) γ 90.00

R-Factor (%): 7.28 **Temperature(K):** 293 **Density(g/cm³):** 1.420



PETTUF

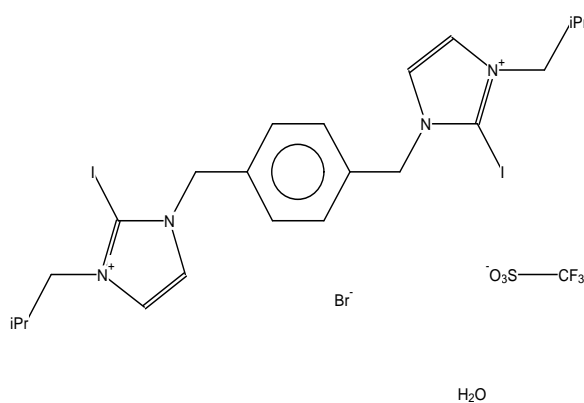
Reference: K.Raatikainen, G.Cavallo, P.Metrangolo, G.Resnati, K.Rissanen, G.Terraneo (2013) *Cryst.Growth Des.* ,13,871

Formula: 2(C₂₂ H₃₀ I₂ N₄ 2⁺).3(C₁ F₃ O₃ S₁ 1⁻).H₂ O₁.Br₁ 1⁻

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(2-iodo-3-isobutyl-1H-imidazol-3-ium) bromide tris(trifluoromethanesulfonate) monohydrate

Space Group: P-1 **Cell:** a 8.700(0) b 19.097(0) c 19.528(0)
Space Group No.: 2 **Cell:** (Å, °) α 85.47(0) β 82.45(0) γ 89.08(0)

R-Factor (%): 4.28 **Temperature(K):** 123 **Density(g/cm³):** 1.817



PETVAN

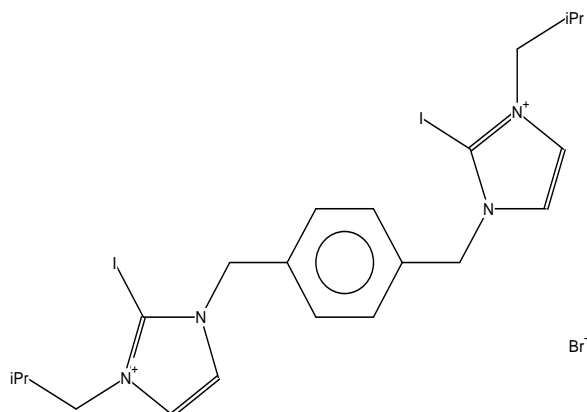
Reference: K.Raatikainen, G.Cavallo, P.Metrangolo, G.Resnati, K.Rissanen, G.Terraneo (2013) *Cryst.Growth Des.* ,13,871

Formula: C₂₂ H₃₀ I₂ N₄ 2⁺.2(Br₁ 1⁻)

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(2-iodo-3-isobutyl-1H-imidazol-3-ium) dibromide

Space Group: P21/c **Cell:** a 15.794(0) b 10.400(0) c 15.731(0)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 91.15(0) γ 90.00

R-Factor (%): 6.78 **Temperature(K):** 173 **Density(g/cm³):** 1.965



PEVBEE

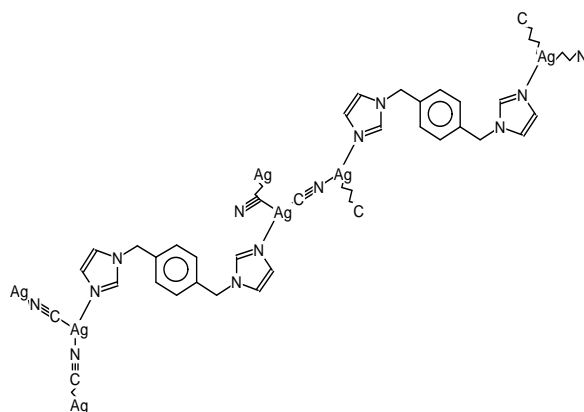
Reference: Jian-Di Lin, Zhi-Hua Li, Jian-Rong Li, Shao-Wu Du (2007) *Polyhedron* ,26,107

Formula: (C₃₂ H₂₈ Ag₄ N₁₂)n

Compound Name: catena-(bis(μ₂-1,4-bis(1-Imidazolylmethyl)benzene)-tris(μ₂-cyano-C,N)-(μ₂-cyano-C,C)-tetra-silver(I))

Space Group: P-1 **Cell:** a 9.624(0) b 12.715(0) c 14.631(0)
Space Group No.: 2 **Cell:** (Å, °) α 73.04(0) β 89.28(0) γ 82.93(0)

R-Factor (%): 2.90 **Temperature(K):** 293 **Density(g/cm³):** 1.978



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 349-352

PIFRAY

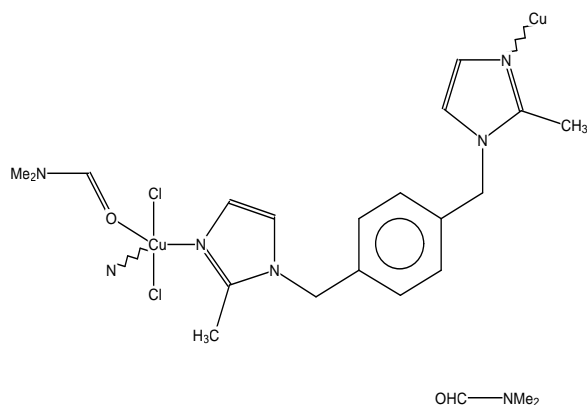
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem., **31**,669

Formula: (C₁₉ H₂₅ Cl₂ Cu₁ N₅ O₁)_n.n(C₃ H₇ N₁ O₁)

Compound Name: catena-(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-dichloro-(dimethylformamide)-copper dimethylformamide solvate

Space Group: P2₁/n **Cell:** **a** 12.858(1) **b** 14.746(1) **c** 13.882(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.67(0) γ 90.00

R-Factor (%): 8.37 **Temperature(K):** 303 **Density(g/cm³):** 1.396



PIFREC

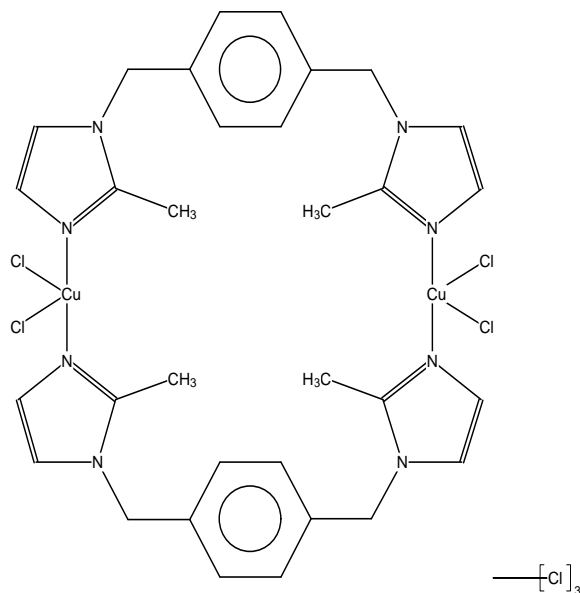
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem., **31**,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈.3(C₁ H₁ Cl₃)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-di-copper tris(chloroform) clathrate

Space Group: C2/m **Cell:** **a** 15.700(13) **b** 21.205(18) **c** 8.132(7)
Space Group No.: 12 **(Å, °)** α 90.00 β 121.05(1) γ 90.00

R-Factor (%): 8.24 **Temperature(K):** 173 **Density(g/cm³):** 1.661



PIFRIG

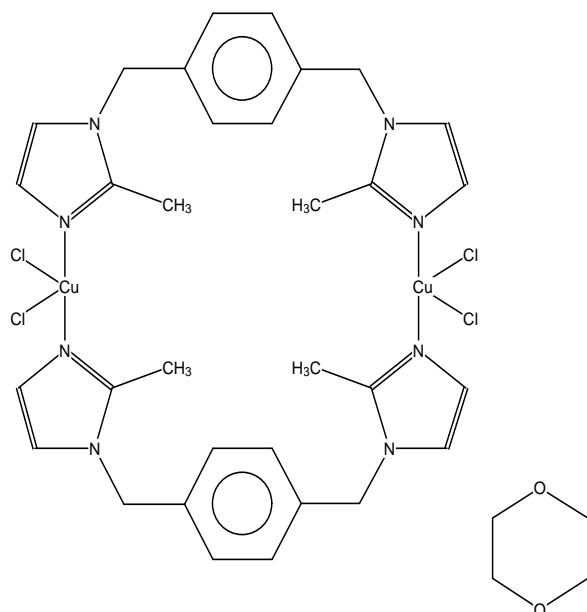
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem., **31**,669

Formula: 2(C₃₂ H₃₆ Cl₄ Cu₂ N₈).3(C₄ H₈ O₂)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-di-copper tris(1,4-dioxane) clathrate

Space Group: P-1 **Cell:** **a** 8.601(1) **b** 13.126(3) **c** 17.942(4)
Space Group No.: 2 **(Å, °)** α 87.55(0) β 87.70(0) γ 81.63(0)

R-Factor (%): 8.79 **Temperature(K):** 100 **Density(g/cm³):** 1.550



PIFROM

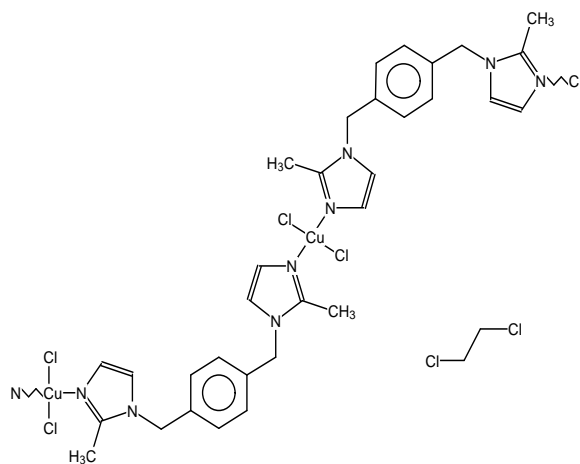
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007)
New J.Chem., **31**,669

Formula: (C₃₂ H₃₆ Cl₄ Cu₂ N₈).2n(C₂ H₄ Cl₂)

Compound Name: catena-(bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-di-copper bis(dichloromethane) clathrate)

Space Group: P-1 **Cell:** **a** 8.539(5) **b** 10.673(6) **c** 13.386(7)
Space Group No.: 2 **(Å, °)** α 104.27(1) β 91.86(1) γ 112.79(0)

R-Factor (%): 7.31 **Temperature(K):** 100 **Density(g/cm³):** 1.539



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 353-356

PIPZIZ

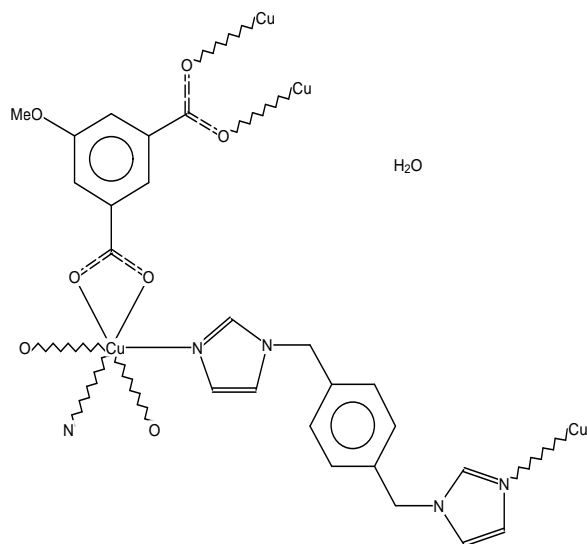
Reference: Xin-Hong Chang, Jian-Hua Qin, Min-Le Han, Lu-Fang Ma, Li-Ya Wang (2014) *CrystEngComm* ,16,870

Formula: (C₂₃ H₂₀ Cu₁ N₄ O₅)_n.0.5n(H₂O)₁

Compound Name: catena-[(μ₃-5-methoxyisophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-copper hemihydrate]

Space Group: P-1 **Cell:** **a** 9.703(2) **b** 9.703(2) **c** 13.090(3)
Space Group No.: 2 **(Å, °)** **α** 80.91(0) **β** 77.61(0) **γ** 62.90(0)

R-Factor (%): 3.80 **Temperature(K)**: 296 **Density(g/cm³)**: 1.569



PIQBAU

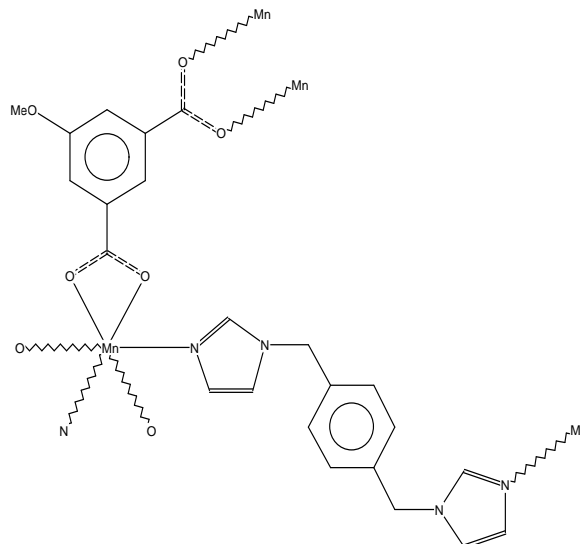
Reference: Xin-Hong Chang, Jian-Hua Qin, Min-Le Han, Lu-Fang Ma, Li-Ya Wang (2014) *CrystEngComm* ,16,870

Formula: (C₂₃ H₂₀ Mn₁ N₄ O₅)_n

Compound Name: catena-[(μ₃-5-methoxyisophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-manganese]

Space Group: P-1 **Cell:** **a** 9.621(1) **b** 10.068(1) **c** 12.933(1)
Space Group No.: 2 **(Å, °)** **α** 80.07(0) **β** 81.24(0) **γ** 62.32(0)

R-Factor (%): 3.53 **Temperature(K)**: 296 **Density(g/cm³)**: 1.486



POCNUR

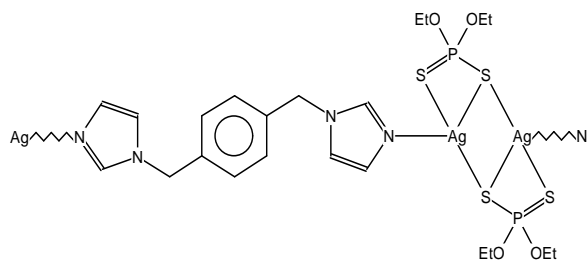
Reference: Tao Li, Zhi-Hua Li, Shao-Wu Du (2008) *J.Coord.Chem.* , 61,1599

Formula: (C₂₂ H₃₄ Ag₂ N₄ O₄ P₂ S₄)_n

Compound Name: catena-(trans-(μ₂-1,4-bis(1imidazol-1-ylmethyl)benzene)-bis(μ₂-diethylthiophosphato)-di-silver(I))

Space Group: P-1 **Cell:** **a** 9.716(0) **b** 9.827(0) **c** 10.076(0)
Space Group No.: 2 **(Å, °)** **α** 70.99(1) **β** 89.31(1) **γ** 63.87(1)

R-Factor (%): 2.94 **Temperature(K)**: 293 **Density(g/cm³)**: 1.697



POCRAB

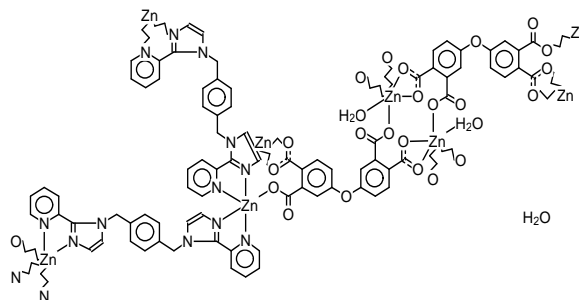
Reference: Shun-Li Li, Ya-Qian Lan, Jian-Fang Ma, Yao-Mei Fu, Jin Yang, Guang-Ju Ping, Jie Liu, Zhong-Min Su (2008) *Cryst.Growth Des.* ,8,1610

Formula: (C₈₀ H₅₆ N₁₂ O₂₀ Zn₄)_n.12n(H₂O)₁

Compound Name: catena-(bis(μ₄-4,4'-oxydiphthalato)-bis(μ₂-1,4-bis(2-(2-pyridyl)imidazol-1-ylmethyl)benzene)-diaqua-tetra-zinc(II) dodecahydrate)

Space Group: P-1 **Cell:** **a** 11.129(0) **b** 13.988(1) **c** 16.141(1)
Space Group No.: 2 **(Å, °)** **α** 82.89(0) **β** 88.39(0) **γ** 66.72(0)

R-Factor (%): 6.83 **Temperature(K)**: 293 **Density(g/cm³)**: 1.438



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 357-360

POCROP

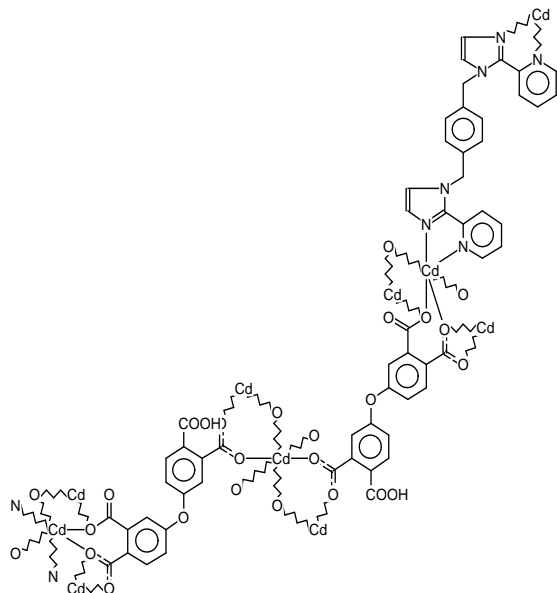
Reference: Shun-Li Li, Ya-Qian Lan, Jian-Fang Ma, Yao-Mei Fu, Jin Yang, Guang-Ju Ping, Jie Liu, Zhong-Min Su (2008) *Cryst.Growth Des.*, **8**,1610

Formula: (C₅₆ H₃₄ Cd₃ N₆ O₁₈)_n

Compound Name: catena-(bis(μ₅-monohydrogen 4,4'-oxydiphthalato)-(μ₂-1,4-bis(2-(2-pyridyl)imidazol-1-ylmethyl)benzene)-tri-cadmium(ii))

Space Group: C2/c **Cell:** a 23.204(0) b 16.007(0) c 17.087(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 125.13(0) γ 90.00

R-Factor (%): 4.45 **Temperature(K):** 293 **Density(g/cm³):** 1.812



PODYOX

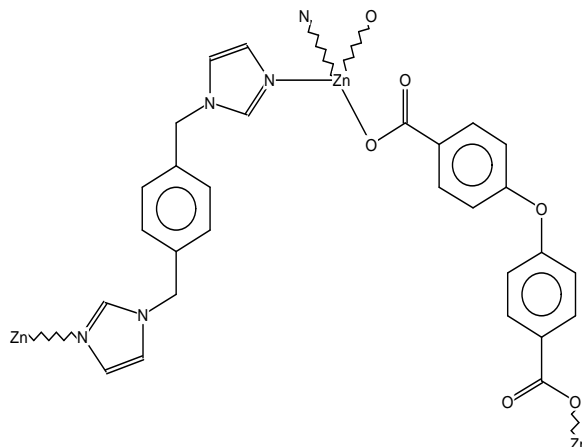
Reference: Chun-Hui Yu (2008) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **64**,m1106

Formula: (C₂₈ H₂₂ N₄ O₅ Zn₁)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-(μ₂-4,4'-oxydibenzoato)-zinc(ii))

Space Group: P21/c **Cell:** a 6.161(0) b 25.811(4) c 16.185(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.50(0) γ 90.00

R-Factor (%): 6.08 **Temperature(K):** 293 **Density(g/cm³):** 1.446



POWHEP

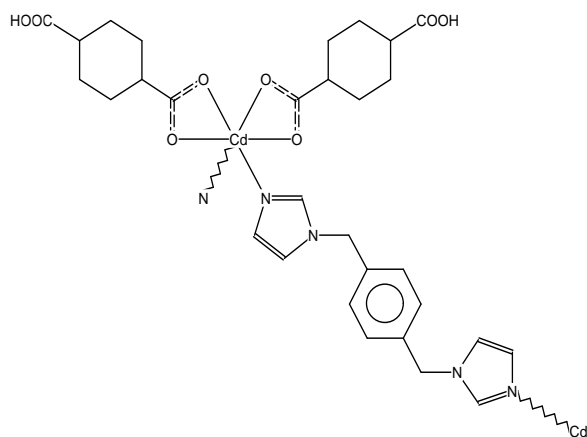
Reference: Bing-Bing Li, Bo Xiao (2009) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **65**,m756

Formula: (C₃₀ H₃₆ Cd₁ N₄ O₉)_n

Compound Name: catena-(cis-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-bis(4-carboxycyclohexanecarboxylato-O,O')-cadmium(ii))

Space Group: Pccn **Cell:** a 12.632(0) b 19.970(1) c 12.370(0)
Space Group No.: 56 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.24 **Temperature(K):** 292 **Density(g/cm³):** 1.475



PUTYOT

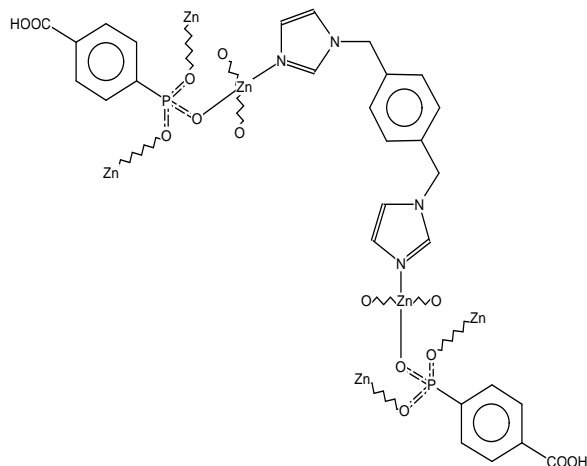
Reference: Peng-Fei Wang, Yan Duan, Deng-Ke Cao, Yi-Zhi Li, Li-Min Zheng (2010) *Dalton Trans.*, **39**,4559

Formula: (C₂₈ H₂₄ N₄ O₁₀ P₂ Zn₂)_n

Compound Name: catena-((μ₂-1,1'-(1,4-Phenylenebis(methylene))-bis(1H-imidazole))-bis(4-carboxyphenylphosphonato)-di-zinc)

Space Group: P21/c **Cell:** a 11.656(2) b 5.571(1) c 21.744(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.86(0) γ 90.00

R-Factor (%): 4.22 **Temperature(K):** 291 **Density(g/cm³):** 1.813



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 361-364

PUTZEK

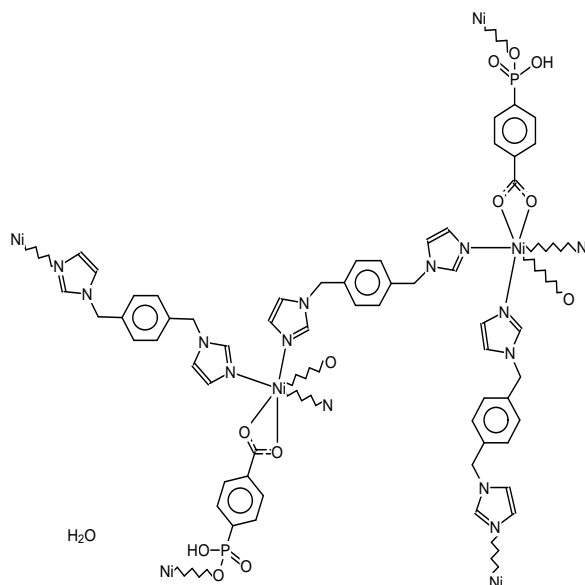
Reference: Peng-Fei Wang, Yan Duan, Deng-Ke Cao, Yi-Zhi Li, Li-Min Zheng (2010) *Dalton Trans.*, **39**,4559

Formula: (C₅₆ H₅₂ N₁₂ Ni₂ O₁₀ P₂)n,2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-4-Carboxyphenylphosphonato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))-bis(1H-imidazole))-di-nickel dihydrate)

Space Group: P-1 **Cell:** **a** 9.881(1) **b** 10.976(1) **c** 14.284(2)
Space Group No.: 2 **(Å, °)** **α** 69.84(0) **β** 72.73(0) **γ** 74.87(0)

R-Factor (%): 4.78 **Temperature(K):** 293 **Density(g/cm³):** 1.541



PUVQIG

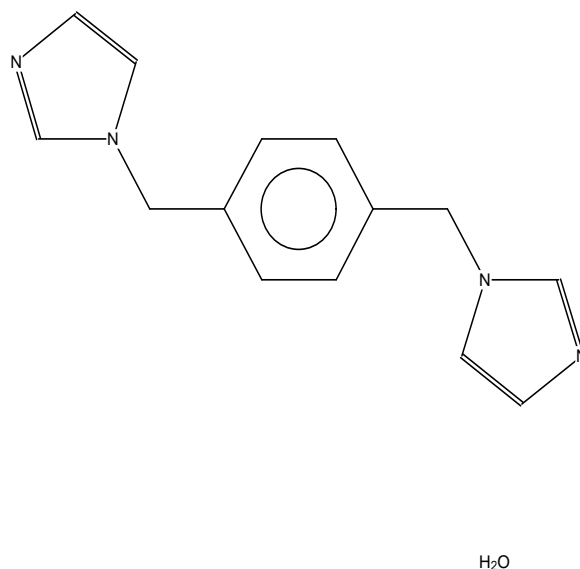
Reference: B.F.Abrahams, B.F.Hoskins, R.Robson, D.A.Slizys (1998) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, **54**,1666

Formula: C₁₄ H₁₄ N₄ 2(H₂ O₁)

Compound Name: 1,4-bis(imidazol-1-ylmethyl)benzene dihydrate

Space Group: P21/n **Cell:** **a** 4.669(2) **b** 9.622(3) **c** 16.377(6)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 94.57(5) **γ** 90.00

R-Factor (%): 7.00 **Temperature(K):** 295 **Density(g/cm³):** 1.242



PUVQIG01

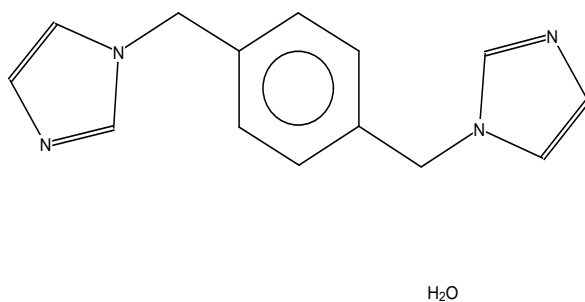
Reference: Xing-Man Xu, Ping Su, Xiang-Gao Meng (2008) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, **64**,o675

Formula: C₁₄ H₁₄ N₄ 2(H₂ O₁)

Compound Name: 1,4-bis(imidazol-1-ylmethyl)benzene dihydrate

Space Group: C2/c **Cell:** **a** 10.718(0) **b** 17.993(1) **c** 15.366(1)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 94.01(0) **γ** 90.00

R-Factor (%): 5.65 **Temperature(K):** 299 **Density(g/cm³):** 1.233



QATWAL

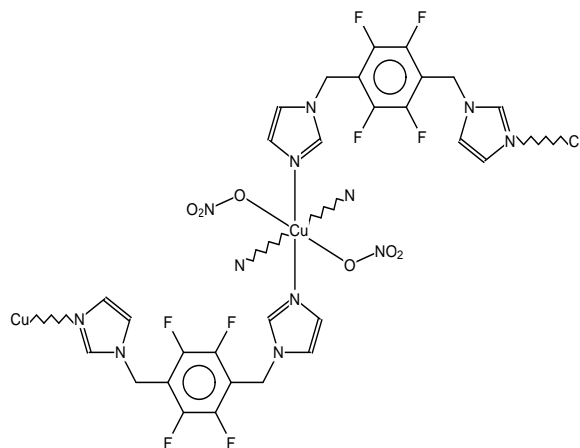
Reference: Sheng-Chun Chen, Zhi-Hui Zhang, Huan Xu, Hai-Bo Gao, Rui-Rui Qin, Qun Chen, Ming-Yang He, Miao Du (2012) *Inorg.Chem.Commun.*, **15**,180

Formula: (C₂₈ H₂₀ Cu₁ F₈ N₁₀ O₆)n

Compound Name: catena-(bis(μ₂-1,4-bis((1H-imidazol-1-yl)methyl)-2,3,5,6-tetrafluorobenzene)-bis(nitrato)-copper)

Space Group: C2/c **Cell:** **a** 17.879(1) **b** 8.740(0) **c** 19.985(2)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 97.69(0) **γ** 90.00

R-Factor (%): 3.64 **Temperature(K):** 295 **Density(g/cm³):** 1.734



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 365-368

QATWEP

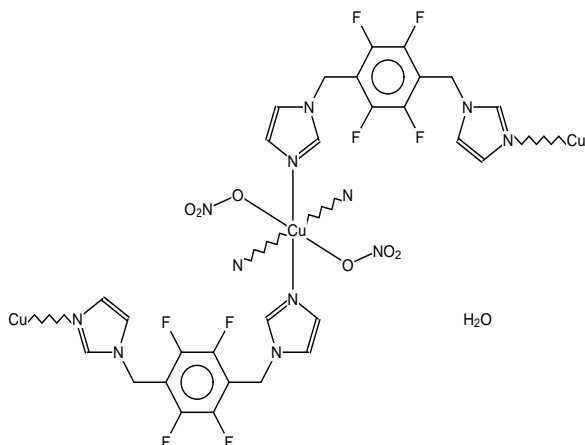
Reference: Sheng-Chun Chen, Zhi-Hui Zhang, Huan Xu, Hai-Bo Gao, Rui-Rui Qin, Qun Chen, Ming-Yang He, Miao Du (2012) *Inorg.Chem.Commun.* ,15,180

Formula: (C₂₈ H₂₀ Cu₁ F₈ N₁₀ O₆)_n.6n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,4-bis((1H-imidazol-1-yl)methyl)-2,3,5,6-tetrafluorobenzene)-bis(nitrato)-copper hexahydrate)

Space Group: P-1 **Cell:** a 8.414(0) b 10.705(1) c 11.540(1)
Space Group No.: 2 **(Å, °)** α 101.00(0) β 109.37(0) γ 90.56(0)

R-Factor (%): 5.54 **Temperature(K):** 295 **Density(g/cm³):** 1.585



QATXOA

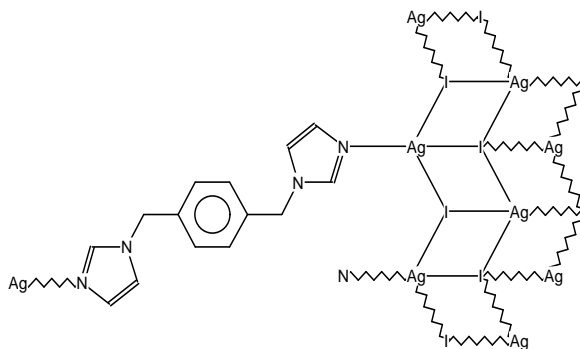
Reference: Lian Chen, Jie Ma, Qihui Chen, Rui Feng, Feilong Jiang, Maochun Hong (2012) *Inorg.Chem.Commun.* ,15,208

Formula: (C₁₄ H₁₄ Ag₄ I₄ N₄)_n

Compound Name: catena-(bis(μ₄-iodo)-bis(μ₃-iodo)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-silver)

Space Group: P-1 **Cell:** a 4.498(1) b 12.177(5) c 12.407(7)
Space Group No.: 2 **(Å, °)** α 60.77(1) β 81.09(1) γ 81.36(0)

R-Factor (%): 5.54 **Temperature(K):** 173 **Density(g/cm³):** 3.350



QETWOC

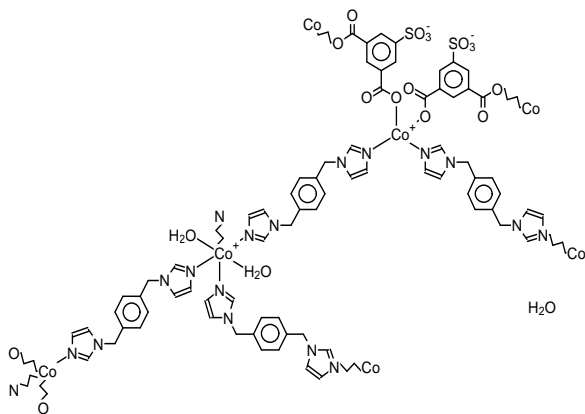
Reference: Lili Wen, Zhenda Lu, Jianguo Lin, Zhengfang Tian, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des.* ,7,93

Formula: (C₇₂ H₆₆ Co₃ N₁₆ O₁₆ S₂)_n.2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-5-Sulfoisophthalato-O,O')-tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-diaqua-tri-cobalt(ii) dihydrate)

Space Group: P-1 **Cell:** a 9.325(0) b 10.965(0) c 19.445(1)
Space Group No.: 2 **(Å, °)** α 76.60(0) β 83.51(0) γ 74.19(0)

R-Factor (%): 5.47 **Temperature(K):** 293 **Density(g/cm³):** 1.509



QETWUI

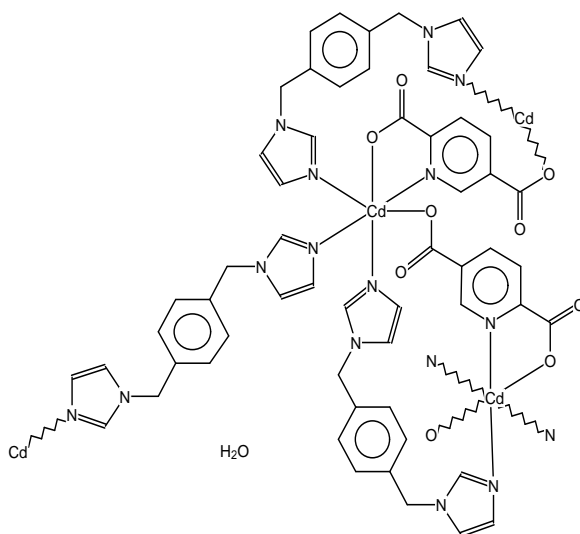
Reference: Lili Wen, Zhenda Lu, Jianguo Lin, Zhengfang Tian, Huizhen Zhu, Qingjin Meng (2007) *Cryst.Growth Des.* ,7,93

Formula: (C₅₆ H₄₈ Cd₂ N₁₄ O₈)_n.2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-Pyridine-2,5-dicarboxylato-N,O,O')-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-di-cadmium(ii) dihydrate)

Space Group: C2/c **Cell:** a 30.815(4) b 10.398(1) c 17.918(2)
Space Group No.: 15 **(Å, °)** α 90.00 β 103.04(0) γ 90.00

R-Factor (%): 5.26 **Temperature(K):** 293 **Density(g/cm³):** 1.551



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 369-372

QEVKIM

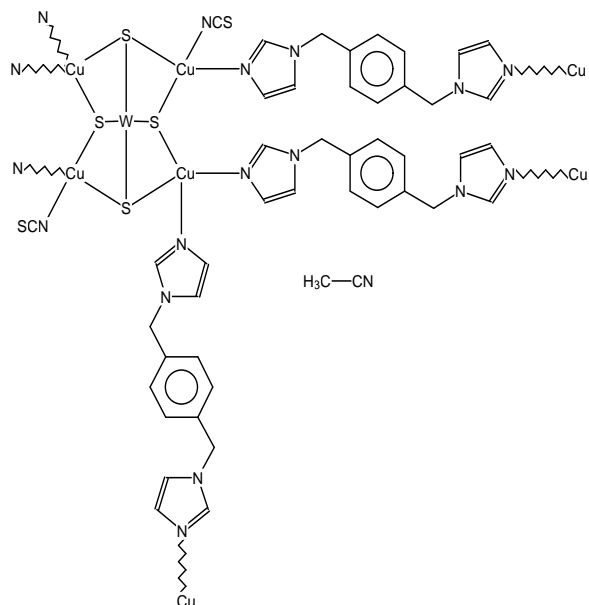
Reference: Li Song, Jianrong Li, Ping Lin, Zhihua Li, Tao Li, Shaowu Du, Xintao Wu (2006) *Inorg.Chem.* ,45,10155

Formula: (C₄₄ H₄₂ Cu₄ N₁₄ S₆ W₁)_n·n(C₂ H₃ N₁)

Compound Name: catena-(tetrakis(μ₃-Sulfido)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(thiocyanato)-tetra-copper-tungsten acetonitrile solvate)

Space Group: P2₁/n **Cell:** a 12.233(0) b 25.306(1) c 17.498(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.62(0) γ 90.00

R-Factor (%): 3.26 **Temperature(K):** 293 **Density(g/cm³):** 1.766



QEVKOS

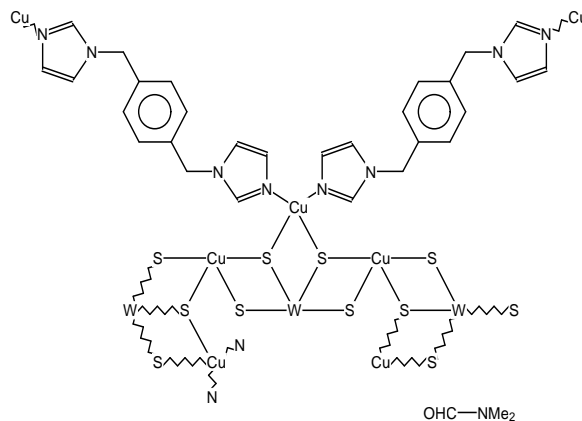
Reference: Li Song, Jianrong Li, Ping Lin, Zhihua Li, Tao Li, Shaowu Du, Xintao Wu (2006) *Inorg.Chem.* ,45,10155

Formula: (C₂₈ H₂₈ Cu₄ N₈ S₈ W₂)_n·2n(C₃ H₇ N₁ O₁)

Compound Name: catena-(tetrakis(μ₃-Sulfido)-tetrakis(μ₂-sulfido)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-copper-di-tungsten dimethylformamide solvate)

Space Group: C2/c **Cell:** a 25.503(2) b 11.032(0) c 19.611(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 119.08(0) γ 90.00

R-Factor (%): 3.05 **Temperature(K):** 293 **Density(g/cm³):** 2.068



QEVKUY

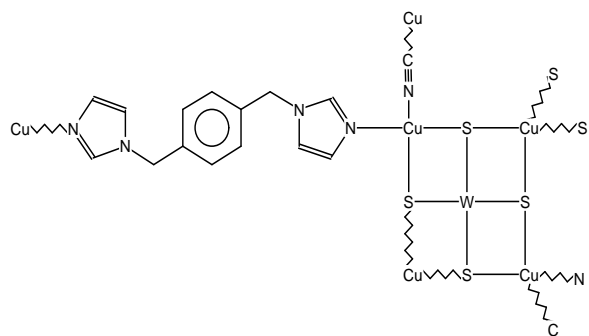
Reference: Li Song, Jianrong Li, Ping Lin, Zhihua Li, Tao Li, Shaowu Du, Xintao Wu (2006) *Inorg.Chem.* ,45,10155

Formula: (C₁₅ H₁₄ Cu₃ N₅ S₄ W₁)_n

Compound Name: catena-(tetrakis(μ₃-Sulfido)-(μ₂-cyano)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tri-copper-tungsten)

Space Group: P2₁/n **Cell:** a 5.500(0) b 22.689(2) c 17.252(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.43(0) γ 90.00

R-Factor (%): 5.56 **Temperature(K):** 293 **Density(g/cm³):** 2.371



QEVFLAF

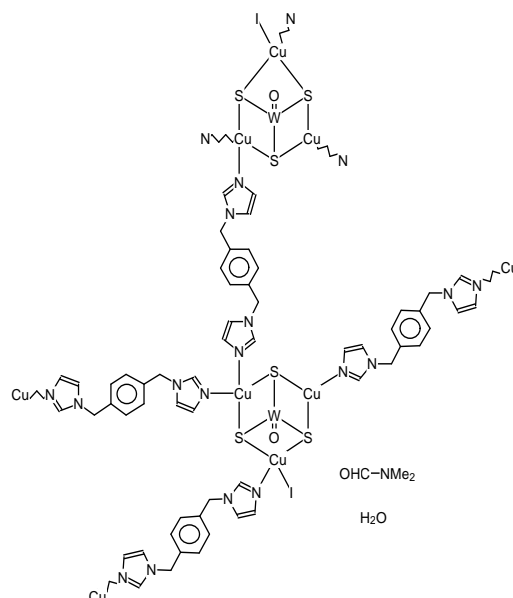
Reference: Li Song, Jianrong Li, Ping Lin, Zhihua Li, Tao Li, Shaowu Du, Xintao Wu (2006) *Inorg.Chem.* ,45,10155

Formula: (C₅₆ H₅₆ Cu₆ I₂ N₁₆ O₂ S₆ W₂)_n·2n(C₃ H₇ N₁ O₁)·4n(H₂ O₁)

Compound Name: catena-(hexakis(μ₃-Sulfido)-tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-iodo-dioxo-hexa-copper-di-tungsten dimethylformamide solvate tetrahydrate)

Space Group: P-1 **Cell:** a 10.566(3) b 12.616(4) c 17.495(6)
Space Group No.: 2 **(Å, °)** α 71.37(0) β 87.41(1) γ 77.26(0)

R-Factor (%): 5.43 **Temperature(K):** 293 **Density(g/cm³):** 1.849



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 373-376

QEVLEJ

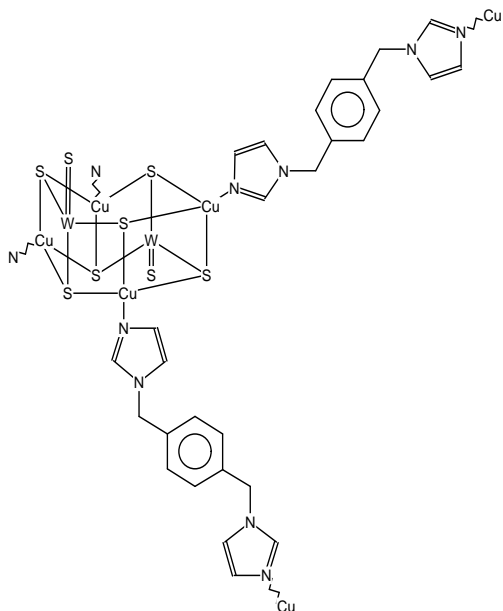
Reference: Li Song, Jianrong Li, Ping Lin, Zhihua Li, Tao Li, Shaowu Du, Xintao Wu (2006) *Inorg.Chem.* ,**45**,10155

Formula: (C₂₈ H₂₈ Cu₄ N₈ S₈ W₂)_n

Compound Name: catena-(hexakis(μ₃-Sulfido)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-disulfido-tetra-copper-di-tungsten)

Space Group: P21/n **Cell:** a 8.411(0) b 15.819(1) c 14.542(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.05(0) γ 90.00

R-Factor (%): 4.45 **Temperature(K):** 293 **Density(g/cm³):** 2.339



QISVEV

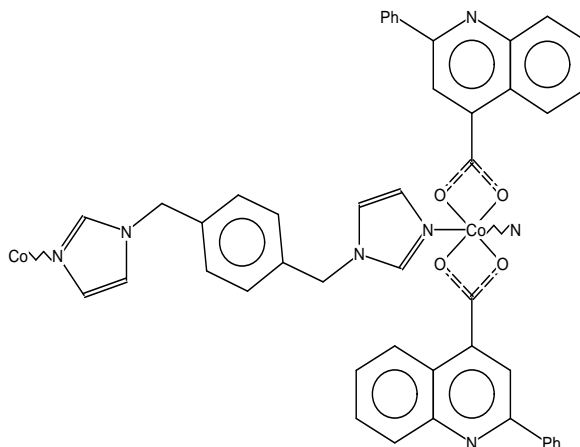
Reference: Xiang-Yang Hou, Xiao Wang, Feng Fu, Ji-Jiang Wang, Long Tang (2013) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**29**,2245

Formula: (C₄₆ H₃₄ Co₁ N₆ O₄)_n

Compound Name: catena-((μ₂-1-(4-((1H-imidazol-1-yl)methyl)benzyl)-1H-imidazole)-bis(2-phenylquinoline-4-carboxylato)-cobalt)

Space Group: C2/c **Cell:** a 27.197 b 10.690 c 15.789
Space Group No.: 15 **(Å, °)** α 90.00 β 124.67 γ 90.00

R-Factor (%): 5.56 **Temperature(K):** 296 **Density(g/cm³):** 1.396



QOGXEQ

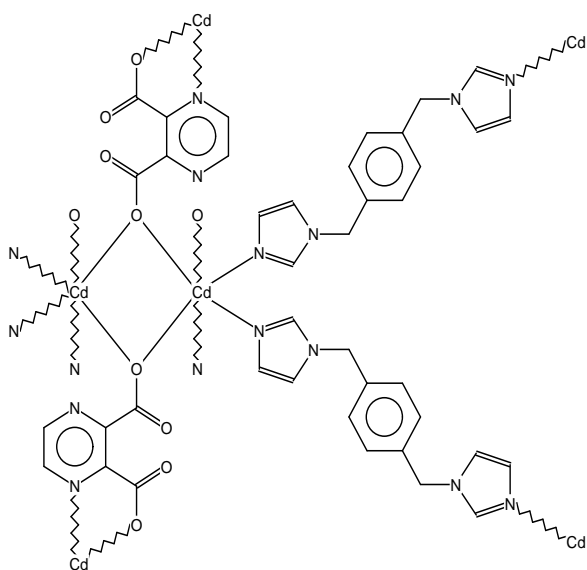
Reference: Jing Yao, Yan-Yan Xing, Yan-Yan Xu, Qing-Jin Meng, Song Gao, Chang-Sheng Lu (2008) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,**24**,1636

Formula: (C₄₀ H₃₂ Cd₂ N₁₂ O₈)_n

Compound Name: catena-[bis(μ₃-Pyrazine-2,3-dicarboxylato-N,O,O')-bis(1,4-bis(1H-imidazol-1-ylmethyl)benzene-N,N)-di-cadmium(ii)]

Space Group: P-1 **Cell:** a 7.696(1) b 10.132(3) c 12.427(3)
Space Group No.: 2 **(Å, °)** α 90.56(0) β 105.41(0) γ 92.93(0)

R-Factor (%): 3.82 **Temperature(K):** 293 **Density(g/cm³):** 1.840



QUBHEB

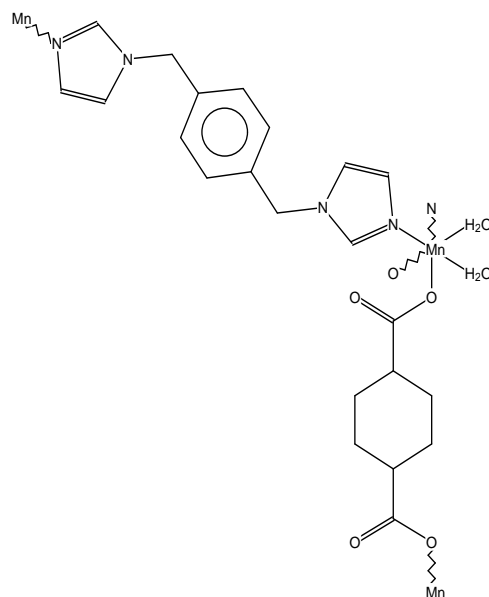
Reference: Qing-Wei Wang, Xiu-Yan Wang, Ming Wang, Bing-Yang Li, Xiao-Yuan Ma (2009) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.* ,**65**,m276

Formula: (C₂₂ H₂₈ Mn₁ N₄ O₆)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-κ²N³:N³)-(μ₂-cyclohexane-1,4-dicarboxylato-κ²O¹:O⁴)-diaqua-manganese(ii))

Space Group: P-1 **Cell:** a 5.665(0) b 9.428(0) c 10.744(0)
Space Group No.: 2 **(Å, °)** α 91.91(0) β 95.55(0) γ 102.43(0)

R-Factor (%): 3.13 **Temperature(K):** 293 **Density(g/cm³):** 1.489



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 377-380

QUGFII

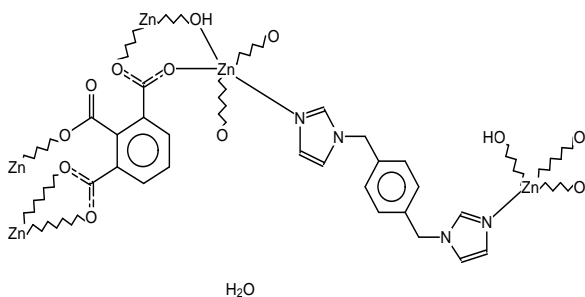
Reference: Guang-Xiang Liu, Kun Zhu, S.Nishihara, Rong-Yi Huang, Xiao-Ming Ren (2009) *Inorg.Chim.Acta* ,**362**,5103

Formula: (C₂₃ H₁₈ N₄ O₇ Zn₂)_n·n(H₂ O₁)

Compound Name: catena-((μ₄-Benzene-1,2,3-tricarboxylato)-(μ₂-hydroxo)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc monohydrate)

Space Group: P-1 **Cell:** **a** 9.324(6) **b** 10.059(7) **c** 13.414(9)
Space Group No.: 2 **(Å, °)** α 83.38(1) β 72.62(1) γ 75.14(1)

R-Factor (%): 5.00 **Temperature(K):** 293 **Density(g/cm³):** 1.751



QUGFOO

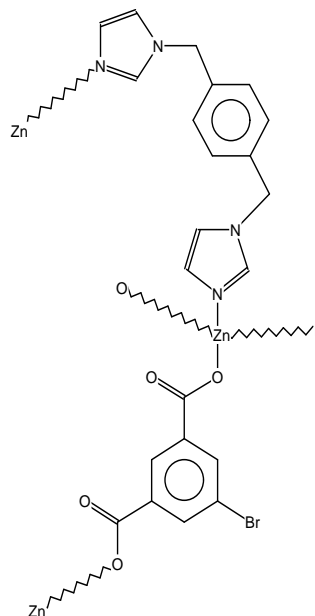
Reference: Guang-Xiang Liu, Kun Zhu, S.Nishihara, Rong-Yi Huang, Xiao-Ming Ren (2009) *Inorg.Chim.Acta* ,**362**,5103

Formula: (C₂₂ H₁₇ Br₁ N₄ O₄ Zn₁)_n

Compound Name: catena-((μ₄-5-Bromobenzene-1,3-dicarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-zinc)

Space Group: P21/c **Cell:** **a** 10.165(2) **b** 14.368(3) **c** 14.752(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 105.28(0) γ 90.00

R-Factor (%): 5.02 **Temperature(K):** 293 **Density(g/cm³):** 1.747



RAJFEP

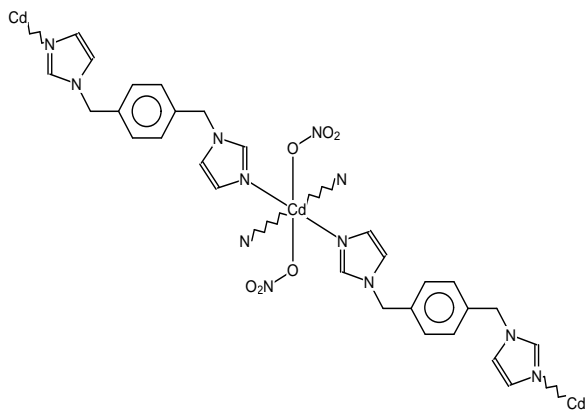
Reference: Fu-An Li, Wei-Chun Yang, Xiao-Ming Hu (2011) *Z.Kristallogr.-New Cryst.Struct.* ,**226**,587

Formula: (C₂₈ H₂₈ Cd₁ N₁₀ O₆)_n

Compound Name: catena-(bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-dinitrato-cadmium)

Space Group: P21/c **Cell:** **a** 8.620(1) **b** 20.782(4) **c** 8.667(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.24(3) γ 90.00

R-Factor (%): 6.75 **Temperature(K):** 296 **Density(g/cm³):** 1.561



RAMGUJ

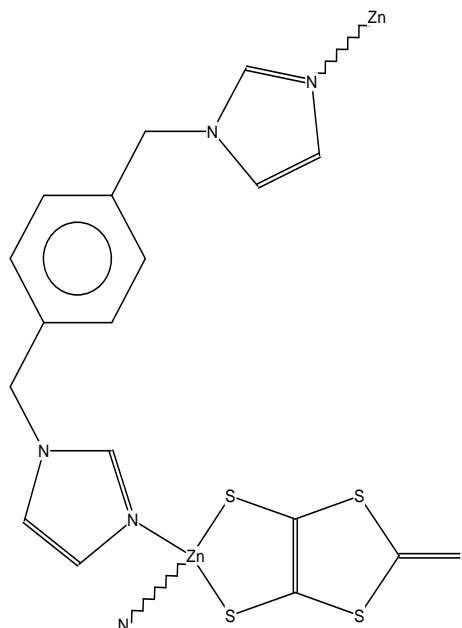
Reference: V.Madhu, S.K.Das (2011) *Dalton Trans.* ,**40**,12901

Formula: (C₁₇ H₁₄ N₄ S₅ Zn₁)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-(1,3-dithiole-2-thione-4,5-dithiolato)-zinc)

Space Group: P21/n **Cell:** **a** 10.057(0) **b** 16.186(1) **c** 13.072(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.39(0) γ 90.00

R-Factor (%): 5.52 **Temperature(K):** 298 **Density(g/cm³):** 1.582



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 381-384

RENGOH

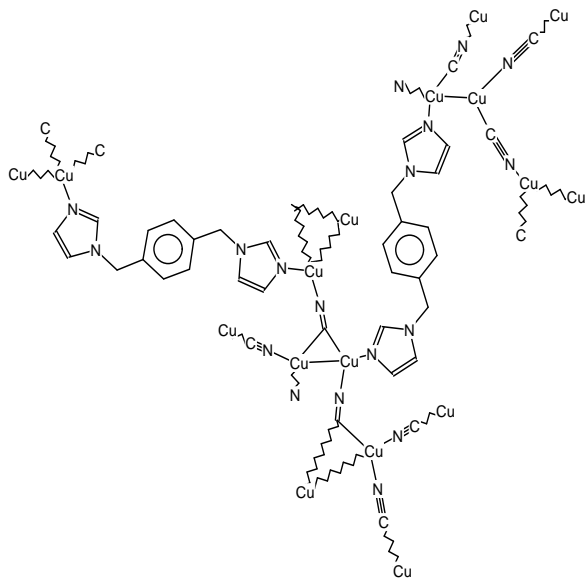
Reference: Jian-Di Lin, Zhi-Hua Li, Tao Li, Jian-Rong Li, Shao-Wu Du (2006) *Inorg.Chem.Commun.*, **9**,675

Formula: (C₃₆H₂₈Cu₈N₁₆)_n

Compound Name: catena-(bis(μ₃-cyano)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-hexakis(μ₂-cyano)-hexa-copper(i))

Space Group: Pbcn **Cell:** a 13.845(0) b 9.392(0) c 31.851(2)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.53 **Temperature(K):** 293 **Density(g/cm³):** 1.913



RICFIT

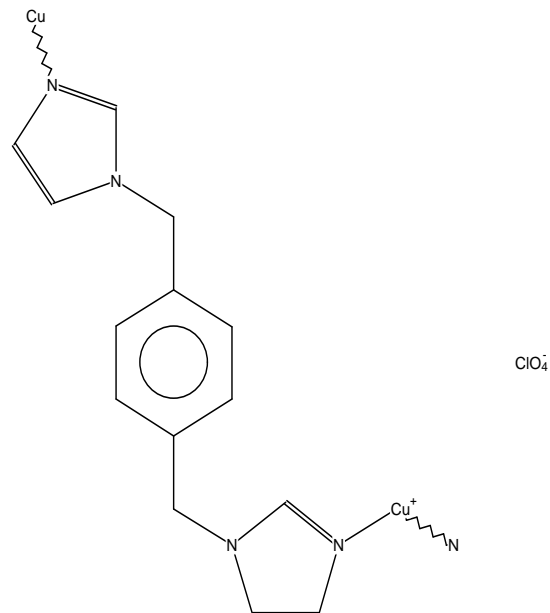
Reference: Tao Li, Shao-Wu Du (2007) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **63**,m1507

Formula: (C₁₄H₁₄Cu₁N₄¹⁺)_n(Cl₁O₄¹⁻)

Compound Name: catena-((μ₂-1,4-bis(imidazole-1-ylmethyl)benzene-N,N')-copper(i) perchlorate)

Space Group: C2/c **Cell:** a 15.675(3) b 11.791(3) c 11.316(4)
Space Group No.: 15 **(Å, °)** α 90.00 β 130.91(0) γ 90.00

R-Factor (%): 5.40 **Temperature(K):** 173 **Density(g/cm³):** 1.686



RINVER

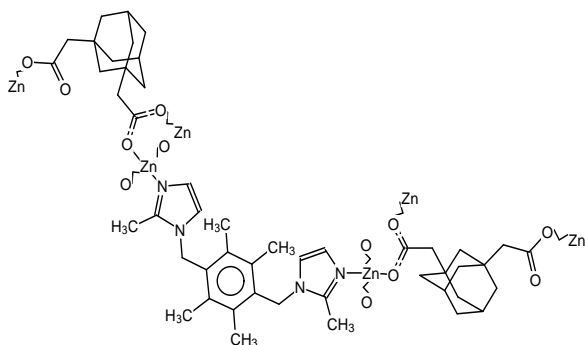
Reference: Ya-Juan Mu, Xiao-Li Ma, Bo Han, Gui-Fang Qin, Yan-Yan Niu, Hong-Xiao Lu (2014) *Polyhedron*, **67**,44

Formula: (C₄₈H₆₂N₄O₈Zn₂)_n

Compound Name: catena-[bis(μ₃-2,2'-Tricyclo[3.3.1.1^{3,7}]-decane-1,3-diyldiacetato)-(μ₂-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-di-zinc]

Space Group: P21/c **Cell:** a 12.652(3) b 7.248(1) c 24.787(8)
Space Group No.: 14 **(Å, °)** α 90.00 β 105.32(3) γ 90.00

R-Factor (%): 6.92 **Temperature(K):** 293 **Density(g/cm³):** 1.445



RINVIV

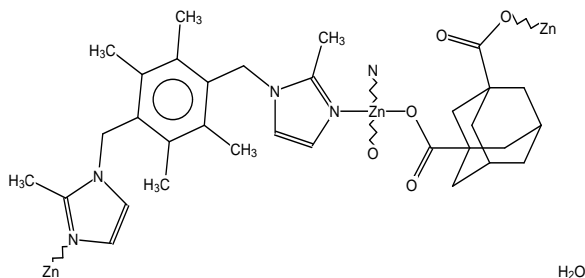
Reference: Ya-Juan Mu, Xiao-Li Ma, Bo Han, Gui-Fang Qin, Yan-Yan Niu, Hong-Xiao Lu (2014) *Polyhedron*, **67**,44

Formula: (C₃₂H₄₀N₄O₄Zn₁)_n(H₂O)₂

Compound Name: catena-[(μ₂-Adamantane-1,3-dicarboxylato)-(μ₂-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-zinc dihydrate]

Space Group: C2/m **Cell:** a 17.668(3) b 20.152(4) c 10.305(2)
Space Group No.: 12 **(Å, °)** α 90.00 β 121.66(3) γ 90.00

R-Factor (%): 6.41 **Temperature(K):** 293 **Density(g/cm³):** 1.374



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 385-388

RINVOB

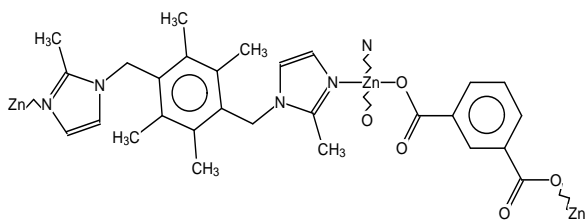
Reference: Ya-Juan Mu, Xiao-Li Ma, Bo Han, Gui-Fang Qin, Yan-Yan Niu, Hong-Xiao Lu (2014) *Polyhedron*, **67**,44

Formula: (C₂₈ H₃₀ N₄ O₄ Zn₁)_n

Compound Name: catena-[(μ₂-1,1'-((2,3,5,6-Tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-(μ₂-isophthalato)-zinc]

Space Group: Pbcm **Cell:** **a** 7.354(1) **b** 20.422(4) **c** 17.188(3)
Space Group No.: 57 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.18 **Temperature(K):** 293 **Density(g/cm³):** 1.420



RINVUH

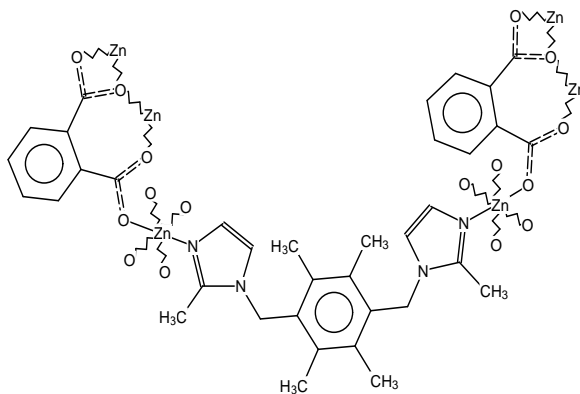
Reference: Ya-Juan Mu, Xiao-Li Ma, Bo Han, Gui-Fang Qin, Yan-Yan Niu, Hong-Xiao Lu (2014) *Polyhedron*, **67**,44

Formula: (C₃₆ H₃₄ N₄ O₈ Zn₂)_n

Compound Name: catena-[bis(μ₃-Phthalato)-(μ₂-1,1'-((2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-di-zinc]

Space Group: P21/c **Cell:** **a** 7.377(1) **b** 15.147(3) **c** 15.592(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.43(3) γ 90.00

R-Factor (%): 7.75 **Temperature(K):** 293 **Density(g/cm³):** 1.531



RINWAO

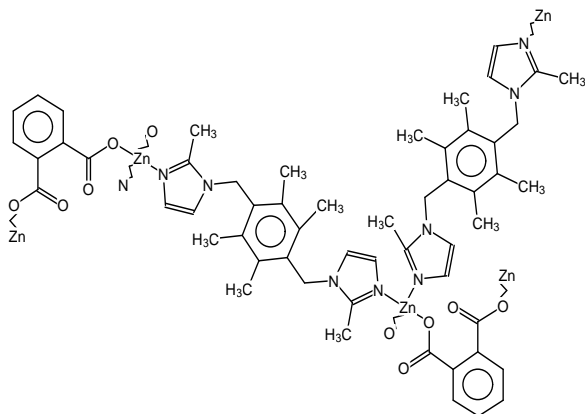
Reference: Ya-Juan Mu, Xiao-Li Ma, Bo Han, Gui-Fang Qin, Yan-Yan Niu, Hong-Xiao Lu (2014) *Polyhedron*, **67**,44

Formula: (C₅₆ H₆₀ N₈ O₈ Zn₂)_n.6n(H₂O)_n

Compound Name: catena-[bis(μ₂-Phthalato)-bis(μ₂-1,1'-((2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-di-zinc hexahydrate]

Space Group: P21/c **Cell:** **a** 11.435(2) **b** 16.319(3) **c** 15.161(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.97(3) γ 90.00

R-Factor (%): 6.14 **Temperature(K):** 293 **Density(g/cm³):** 1.425



H₂O

RIWVAV

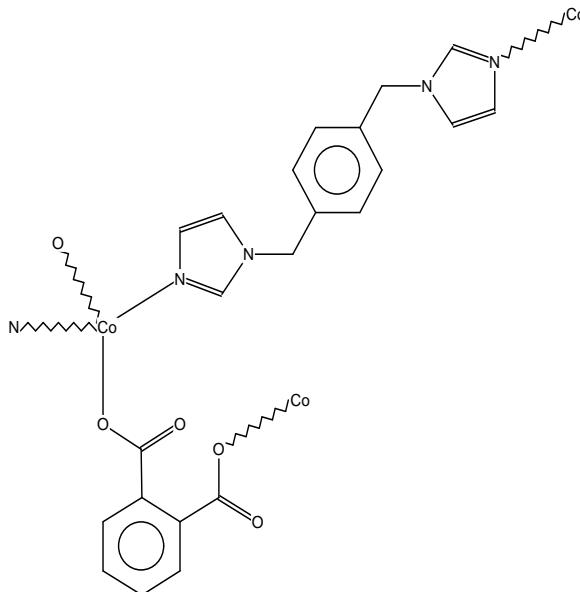
Reference: Yan Qi, Feng Luo, Yunxia Che, Jimin Zheng (2008) *Cryst.Growth Des.*, **8**,606

Formula: (C₂₂ H₁₈ Co₁ N₄ O₄)_n

Compound Name: catena-[(μ₂-Benzene-1,2-dicarboxylato-O,O')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-cobalt(ii)]

Space Group: Cc **Cell:** **a** 10.452(2) **b** 18.951(4) **c** 10.550(2)
Space Group No.: 9 **(Å, °)** α 90.00 β 103.78(3) γ 90.00

R-Factor (%): 2.82 **Temperature(K):** 293 **Density(g/cm³):** 1.510



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 389-392

RIWVAV01

Reference: Yue Wang, Fang-Hua Zhao, Ai-Hua Shi, Yun-Xia Che, Ji-Min Zheng (2012) *Inorg.Chem.Commun.* ,20,23

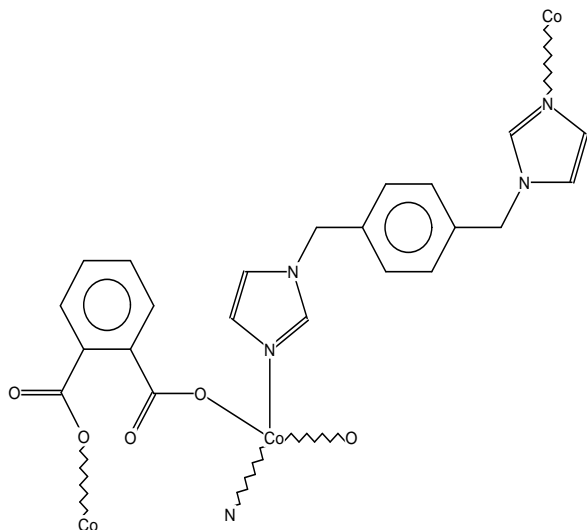
Formula: (C₂₂ H₁₈ Co₁ N₄ O₄)_n

Compound Name: catena-[(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-(μ₂-phthalato)-cobalt(ii)]

Synonym: catena-[(μ₂-Benzene-1,2-dicarboxylato-O,O')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-cobalt(ii)]

Space Group: Cc **Cell:** a 10.452(2) b 18.951(4) c 10.550(2)
Space Group No.: 9 α 90.00 β 103.78(3) γ 90.00

R-Factor (%): 2.82 **Temperature(K):** 293 **Density(g/cm³):** 1.510



RIZJIU

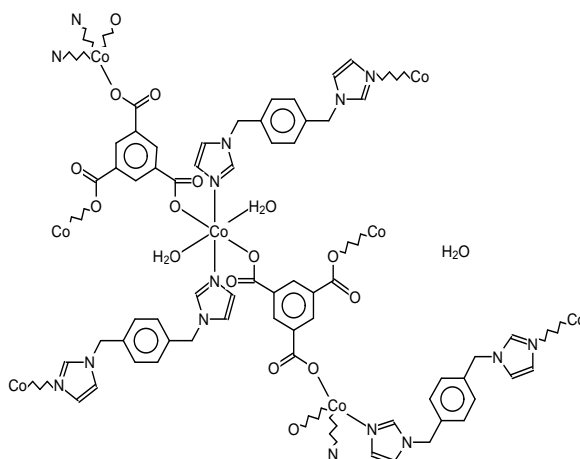
Reference: Yan Qi, Feng Luo, Yunxia Che, Jimin Zheng (2008) *Cryst.Growth Des.* ,8,606

Formula: (C₆₀ H₅₂ Co₃ N₁₂ O₁₄)_n.3n(H₂ O₁)

Compound Name: catena-(bis(μ₃-Benzene-1,3,5-tricarboxylato-O,O',O'')-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-diaqua-tri-cobalt(ii) trihydrate)

Space Group: P21/c **Cell:** a 14.178(3) b 10.118(2) c 20.936(4)
Space Group No.: 14 α 90.00 β 99.79(3) γ 90.00

R-Factor (%): 5.27 **Temperature(K):** 293 **Density(g/cm³):** 1.566



RIZZEF

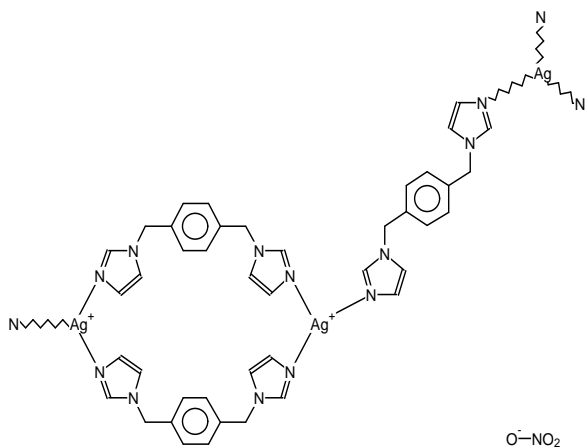
Reference: B.F.Hoskins, R.Robson, D.A.Slizys (1997) *J.Am.Chem.Soc.* ,119,2952

Formula: (C₄₂ H₄₂ Ag₂ N₁₂ 2⁺)_n.2n(N₃ O₃¹⁻)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazolylmethyl)benzene)-di-silver dinitrate)-polyrotaxane

Space Group: P21/n **Cell:** a 13.763(2) b 10.580(2) c 14.812(2)
Space Group No.: 14 α 90.00 β 95.94(1) γ 90.00

R-Factor (%): 5.42 **Temperature(K):** 295 **Density(g/cm³):** 1.633



ROHKIK

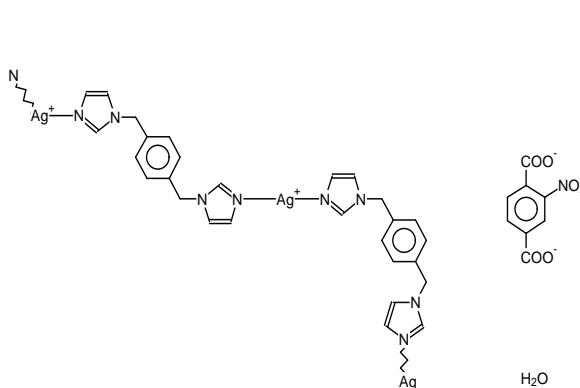
Reference: Chun Lun Ming, Yue Hua Li, Guang Yue Li, Guang Hua Cui (2014) *Transition Met.Chem.* ,39,477

Formula: (C₂₈ H₂₈ Ag₂ N₈ 2⁺)_n.n(C₈ H₃ N₁ O₆²⁻).3.25n(H₂ O₁)

Compound Name: catena-[bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-silver 2-nitroterephthalate hydrate]

Space Group: P-1 **Cell:** a 9.635(4) b 12.973(5) c 16.652(7)
Space Group No.: 2 α 74.23(0) β 74.13(0) γ 77.91(0)

R-Factor (%): 3.72 **Temperature(K):** 293 **Density(g/cm³):** 1.673



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 393-396

RUTQAZ

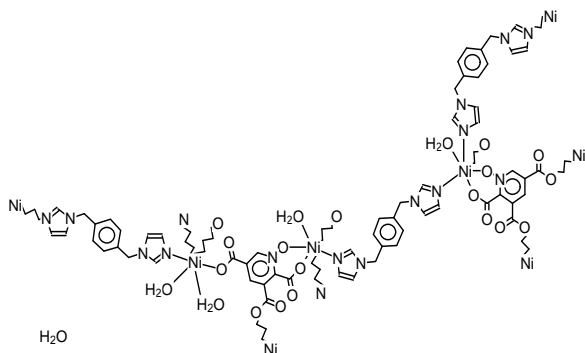
Reference: Yan-yan Xing, Jian-guo Lin, Yan-yan Xu, Xian-ying Duan, Yi-zhi Li, Fang-ming Wang, Qing-jin Meng (2010) *Inorg.Chem.Commun.* ,13,514

Formula: (C₅₈ H₅₄ N₁₄ Ni₃ O₁₈)n.6n(H₂ O₁)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₃-2,3,5-pyridinetricarboxylato N-oxide)-tetra-aqua-tri-nickel(ii) hexahydrate)

Space Group: P-1 **Cell:** a 8.223(1) b 12.676(1) c 16.491(2)
Space Group No.: 2 **(Å, °)** α 92.78(0) β 98.56(0) γ 90.61(0)

R-Factor (%): 6.85 **Temperature(K):** 291 **Density(g/cm³):** 1.486



SABJUC

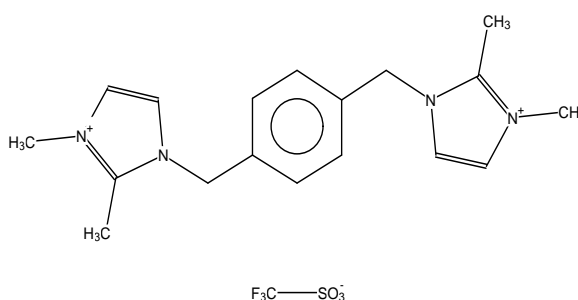
Reference: P.Subramaniam, Y.Alias, K.Chandrasekaram (2010) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,66,o2455

Formula: C₁₈ H₂₄ N₄ 2⁺.2(C₁ F₃ O₃ S₁ 1⁻)

Compound Name: 1,1',2,2'-Tetramethyl-3,3'-(p-phenylenedimethylene)diimidazol-1-ium bis(trifluoromethanesulfonate)

Space Group: P-1 **Cell:** a 7.305(0) b 8.065(0) c 11.355(0)
Space Group No.: 2 **(Å, °)** α 89.95(0) β 76.65(0) γ 75.21(0)

R-Factor (%): 4.15 **Temperature(K):** 100 **Density(g/cm³):** 1.572



SATPIN

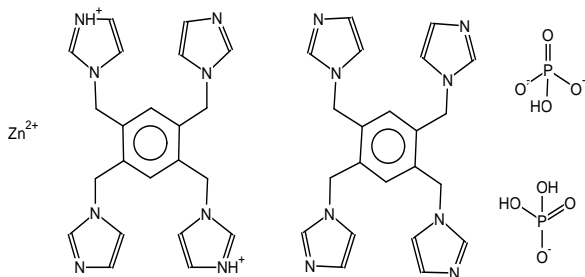
Reference: Jian Fan, B.E.Hanson (2005) *Inorg.Chem.* ,44,6998

Formula: 0.5(C₂₂ H₂₄ N₈ 2⁺).0.5(C₂₂ H₂₂ N₈).3(H₁ O₄ P₁ 2⁻).3(Zn₁ 2⁺).H₂ O₄ P₁ 1⁻

Compound Name: hemikis(1,2,4,5-tetrakis(imidazol-1-yl-methyl)benzene)-tris(hydrogenphosphato)-hemikis(1,4-bis(imidazolium-1-yl-methyl)-2,5-bis(imidazol-1-yl-methyl)benzene-(dihydrogenphosphato)-trizinc

Space Group: P-1 **Cell:** a 10.068 b 14.973 c 15.627
Space Group No.: 2 **(Å, °)** α 88.70 β 83.79 γ 89.13

R-Factor (%): 0.00 **Temperature(K):** 295 **Density(g/cm³):** 1.391



SAVCAU

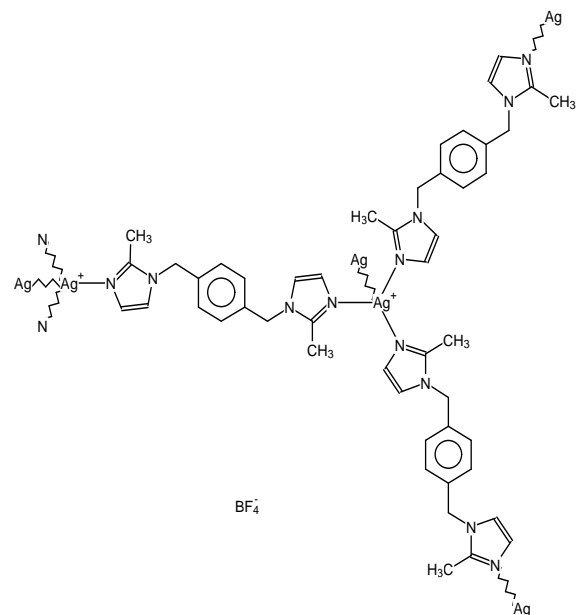
Reference: L.Dobrzanska, H.G.Raubenheimer, L.J.Barbour (2005) *Chem.Comm.* ,5050

Formula: (C₄₈ H₅₄ Ag₂ N₁₂ 2⁺)n.2n(B₁ F₄ 1⁻)

Compound Name: catena-(tris(μ₂-1,4-bis(2-Methylimidazol-1-ylmethyl)benzene)-di-silver bis(tetrafluoroborate))

Space Group: P-3 **Cell:** a 13.963(0) b 13.963(0) c 7.458(0)
Space Group No.: 147 **(Å, °)** α 90.00 β 90.00 γ 120.00

R-Factor (%): 2.44 **Temperature(K):** 100 **Density(g/cm³):** 1.567



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SAXFEE

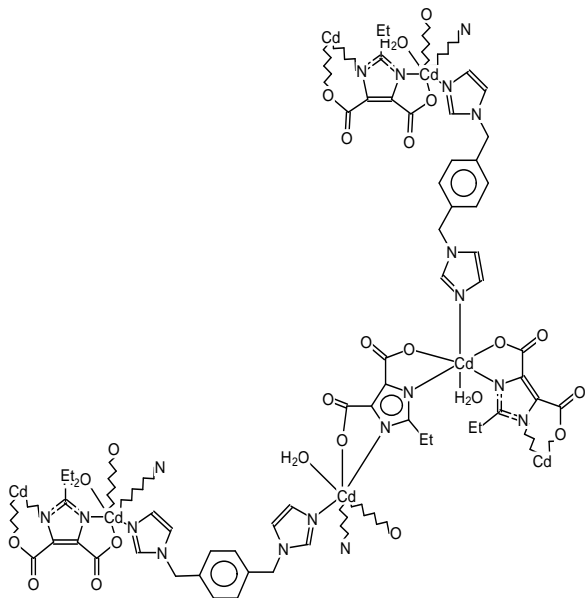
Reference: Dong-Sheng Li, Peng Zhang, Jun Zhao, Zi-Fan Fang, Miao Du, Kun Zou, Yi-Qiang Mu (2012) *Cryst.Growth Des.*, **12**,1697

Formula: (C₅₆H₅₆Cd₄N₁₆O₂₀)_n

Compound Name: catena-(tetrakis(μ₂-2-ethyl-1H-imidazole-4,5-dicarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))-bis(1H-imidazole))-tetra-aqua-di-cadmium)

Space Group: I-4 **Cell:** **a** 18.795(12) **b** 18.795(12) **c** 9.100(8)
Space Group No.: 82 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.32 **Temperature(K):** 296 **Density(g/cm³):** 1.780



SEFSEC

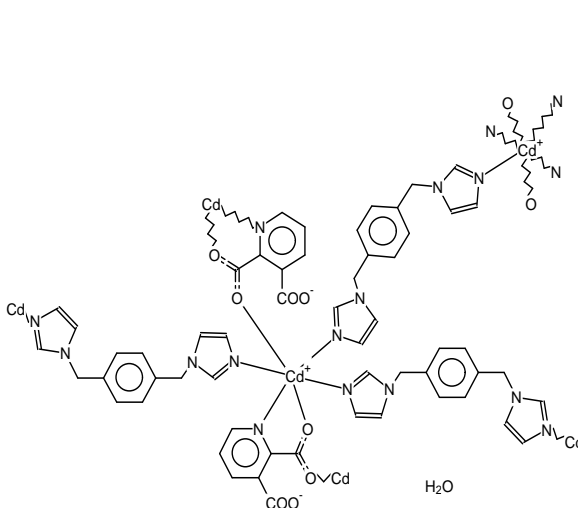
Reference: Lili Wen, Yizhi Li, Zhenda Lu, Jianguo Lin, Chunying Duan, Qingjin Meng (2006) *Cryst.Growth Des.*, **6**,530

Formula: (C₅₆H₄₈Cd₂N₁₄O₈)_n·2n(H₂O)

Compound Name: catena-(bis(μ₂-pyridine-2,3-dicarboxylato)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cadmium(ii) dihydrate)

Space Group: P21/c **Cell:** **a** 13.579(3) **b** 23.032(5) **c** 9.889(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 109.66(0) γ 90.00

R-Factor (%): 3.95 **Temperature(K):** 293 **Density(g/cm³):** 1.489



SEFSIG

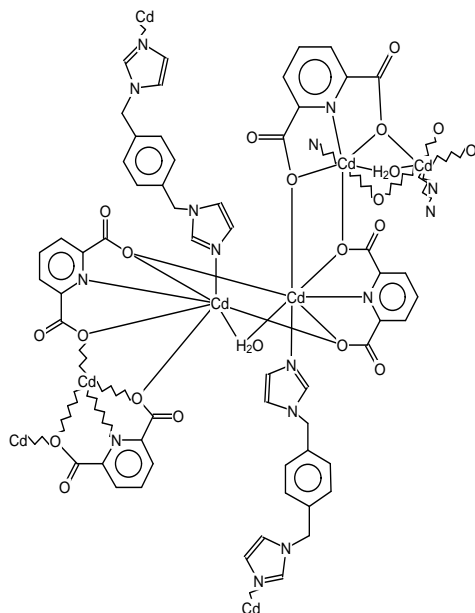
Reference: Lili Wen, Yizhi Li, Zhenda Lu, Jianguo Lin, Chunying Duan, Qingjin Meng (2006) *Cryst.Growth Des.*, **6**,530

Formula: (C₅₆H₄₄Cd₄N₁₂O₁₈)_n

Compound Name: catena-(tetrakis(μ₂-pyridine-2,6-dicarboxylato)-bis(μ₂-aqua)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-cadmium(ii))

Space Group: P-1 **Cell:** **a** 10.349(2) **b** 10.903(2) **c** 13.952(3)
Space Group No.: 2 **(Å, °)** α 68.67(0) β 79.58(0) γ 82.80(0)

R-Factor (%): 2.76 **Temperature(K):** 293 **Density(g/cm³):** 1.872



SEFSOM

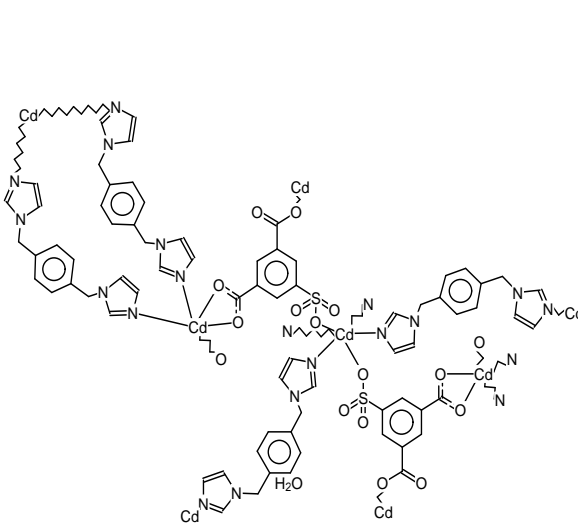
Reference: Lili Wen, Yizhi Li, Zhenda Lu, Jianguo Lin, Chunying Duan, Qingjin Meng (2006) *Cryst.Growth Des.*, **6**,530

Formula: (C₇₂H₆₂Cd₃N₁₆O₁₄S₂)_n·8n(H₂O)

Compound Name: catena-(bis(μ₃-5-sulfoisophthalato)-tetrakis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tri-cadmium(ii) octahydrate)

Space Group: P-1 **Cell:** **a** 10.080(2) **b** 13.063(3) **c** 17.815(4)
Space Group No.: 2 **(Å, °)** α 79.03(0) β 86.33(0) γ 78.21(0)

R-Factor (%): 4.44 **Temperature(K):** 293 **Density(g/cm³):** 1.415



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 401-404

SEFSUS

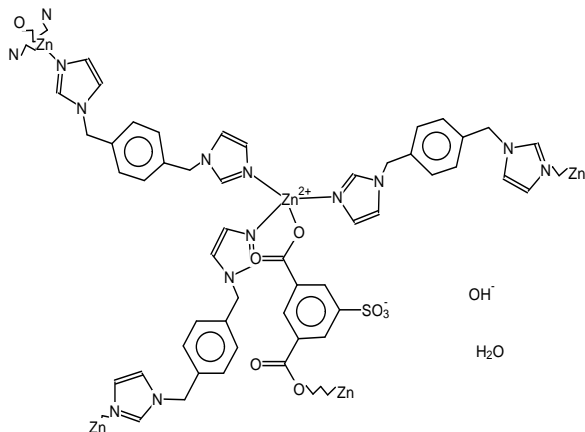
Reference: Lili Wen, Yizhi Li, Zhenda Lu, Jianguo Lin, Chunying Duan, Qingjin Meng (2006) *Cryst.Growth Des.* ,6,530

Formula: (C₅₀ H₄₅ N₁₂ O₇ S₁ Zn₂¹⁺)_n.n(H₁ O₁¹⁻).2n(H₂ O₁)

Compound Name: catena-(μ₂-5-sulfoisophthalato)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc(ii) hydroxide dihydrate

Space Group: C2/c **Cell:** **a** 14.003(3) **b** 19.840(4) **c** 18.633(4)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 96.93(0) **γ** 90.00

R-Factor (%): 5.52 **Temperature(K):** 293 **Density(g/cm³):** 1.476



SEMPUX

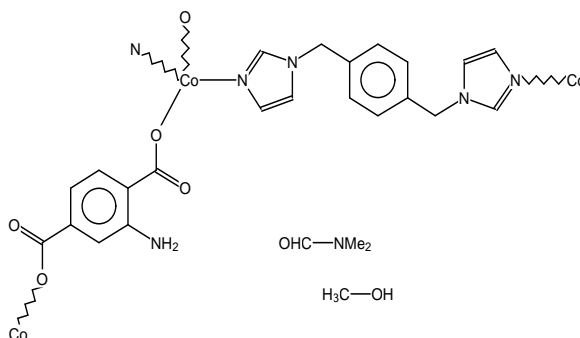
Reference: Lili Wen, Li Zhou, Bingguang Zhang, Xianggao Meng, Hua Qu, Dongfeng Li (2012) *J.Mater.Chem.* ,22,22603

Formula: (C₂₂ H₁₉ Co₁ N₅ O₄)_n.n(C₃ H₇ N₁ O₁).n(C₁ H₄ O₁)

Compound Name: catena-[(μ₂-2-Aminoterephthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cobalt(ii) N,N-dimethylformamide methanol solvate]

Space Group: Cc **Cell:** **a** 20.960(4) **b** 11.530(2) **c** 14.211(3)
Space Group No.: 9 **(Å, °)** **α** 90.00 **β** 116.24(3) **γ** 90.00

R-Factor (%): 5.26 **Temperature(K):** 291 **Density(g/cm³):** 1.254



SIDLUO

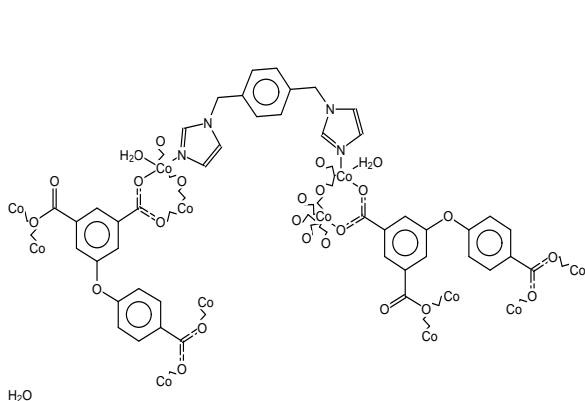
Reference: Xue-Zhi Song, Shu-Yan Song, Min Zhu, Zhao-Min Hao, Xing Meng, Shu-Na Zhao, Hong-Jie Zhang (2013) *Dalton Trans.* ,42, 13231

Formula: (C₄₄ H₃₂ Co₃ N₄ O₁₆)_n.2n(H₂ O₁)

Compound Name: catena-[bis(μ₆-5-(4-carboxylatophenoxy)benzene-1,3-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-tricobalt(ii) dihydrate]

Space Group: P-1 **Cell:** **a** 9.671(0) **b** 11.007(0) **c** 12.257(1)
Space Group No.: 2 **(Å, °)** **α** 63.54(0) **β** 69.74(0) **γ** 73.92(0)

R-Factor (%): 5.07 **Temperature(K):** 185 **Density(g/cm³):** 1.663



SIJKOM

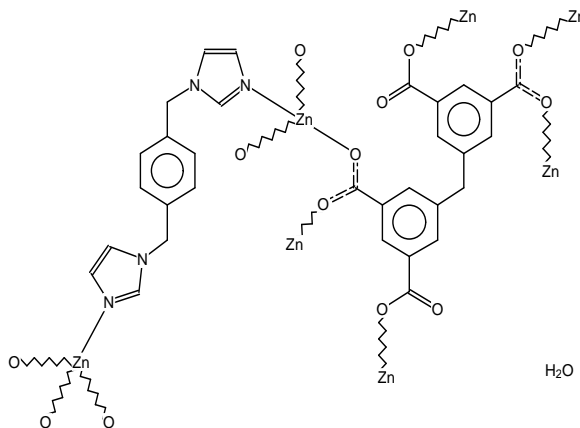
Reference: Xianying Duan, Yizhi Li, Yang Su, Shuangquan Zang, Chengjian Zhu, Qingjin Meng (2007) *CrystEngComm* ,9,758

Formula: (C₃₁ H₂₂ N₄ O₈ Zn₂)_n.n(H₂ O₁)

Compound Name: catena-[(μ₆-5,5'-methylene-di-isophthalato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc(ii) monohydrate]

Space Group: C2/c **Cell:** **a** 18.694(4) **b** 12.899(4) **c** 12.535(3)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 108.99(0) **γ** 90.00

R-Factor (%): 5.42 **Temperature(K):** 278 **Density(g/cm³):** 1.690



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SIKBEV

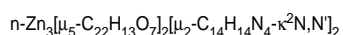
Reference: Peng Du, Yan Yang, Jin Yang, Ying-Ying Liu, Wei-Qiu Kan, Jian-Fang Ma (2013) *CrystEngComm*, **15**,6986

Formula: (C₇₂ H₅₄ N₈ O₁₄ Zn₃)_n.4n(H₂ O₁)

Compound Name: catena-[bis(μ₅-5-[(2'-carboxylatobiphenyl-4-yl)methoxy]benzene-1,3-dicarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-zinc tetrahydrate]

Space Group: C2/c **Cell:** **a** 23.296(1) **b** 10.993(0) **c** 27.031(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 103.73(0) γ 90.00

R-Factor (%): 5.16 **Temperature(K):** 293 **Density(g/cm³):** 1.505



H₂O

SIKBIZ

Reference: Peng Du, Yan Yang, Jin Yang, Ying-Ying Liu, Wei-Qiu Kan, Jian-Fang Ma (2013) *CrystEngComm*, **15**,6986

Formula: (C₅₈ H₄₂ N₄ O₁₄ Zn₂)_n.2n(H₂ O₁)

Compound Name: catena-[bis(μ₄-4'-[(3-carboxy-5-carboxylatophenoxy)methyl]biphenyl-2-carboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc dihydrate]

Space Group: P-1 **Cell:** **a** 10.539(0) **b** 10.731(0) **c** 12.811(1)
Space Group No.: 2 **(Å, °)** α 105.79(0) β 108.14(0) γ 98.44(0)

R-Factor (%): 6.10 **Temperature(K):** 293 **Density(g/cm³):** 1.536



H₂O

SISWEX

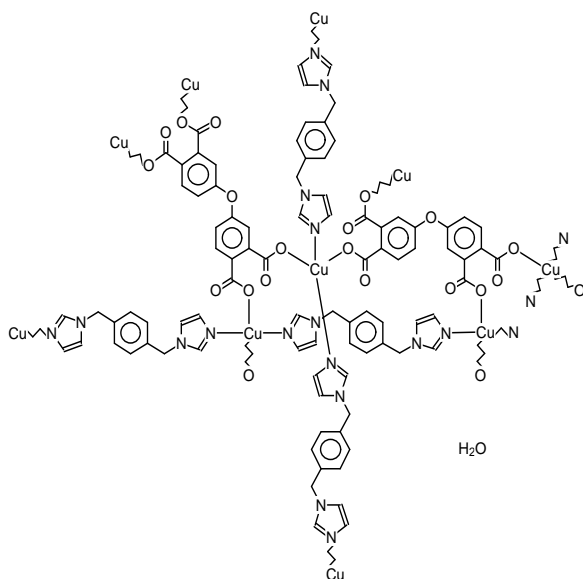
Reference: Wu Zhang, Li Yao, Ruojie Tao (2008) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **64**,m169

Formula: (C₈₈ H₆₈ Cu₄ N₁₆ O₁₈)_n.n(H₂ O₁)

Compound Name: catena-(bis(μ₄-4,4'-Oxydiphthalato)-tetrakis(μ₂-1,1'-(p-phenylenedimethylene)-bis(1H-imidazole))-tetra-copper(ii) monohydrate)

Space Group: P21/n **Cell:** **a** 18.750(3) **b** 10.328(1) **c** 22.386(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.39(0) γ 90.00

R-Factor (%): 6.42 **Temperature(K):** 294 **Density(g/cm³):** 1.475



SOCNOP

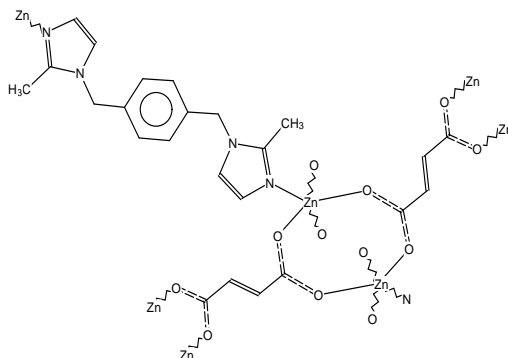
Reference: Jin-Xia Yang, Ye-Yan Qin, Jian-Kai Cheng, Yuan-Gen Yao (2014) *Cryst. Growth Des.*, **14**,1047

Formula: (C₂₄ H₂₂ N₄ O₈ Zn₂)_n.n(H₂ O₁)

Compound Name: catena-[bis(μ₄-fumarato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-zinc monohydrate]

Space Group: C2/c **Cell:** **a** 17.370(5) **b** 12.694(4) **c** 12.332(4)
Space Group No.: 15 **(Å, °)** α 90.00 β 92.59(0) γ 90.00

R-Factor (%): 3.99 **Temperature(K):** 293 **Density(g/cm³):** 1.573



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 409-412

SOCXIS

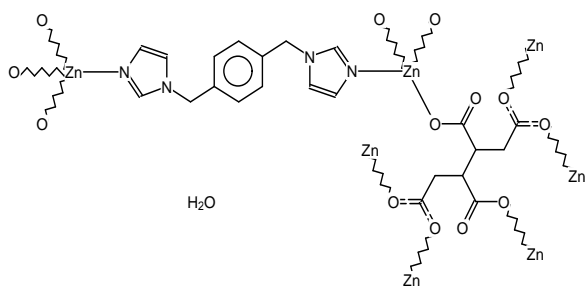
Reference: Ying-Ying Liu, Jian-Fang Ma, Jin Yang, Ji-Cheng Ma, Zhong-Min Su (2008) *CrystEngComm*, **10**,894

Formula: (C₂₂ H₂₀ N₄ O₈ Zn₂)_n·2n(H₂O)

Compound Name: catena-(μ₆-Butane-1,2,3,4-tetracarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-di-zinc(ii) dihydrate

Space Group: P2₁/c **Cell:** a 10.758(7) b 7.158(4) c 16.400(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.92(0) γ 90.00

R-Factor (%): 3.31 **Temperature(K):** 293 **Density(g/cm³):** 1.691



TAHNAT

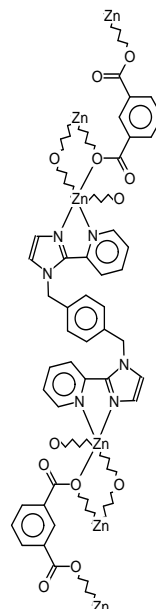
Reference: Guang-Xiang Liu, Yu-Yong Xu, Yan Wang, S.Nishihara, Xiao-Ming Ren (2010) *Inorg.Chim.Acta*, **363**,3932

Formula: (C₄₀ H₂₈ N₆ O₈ Zn₂)_n

Compound Name: catena-(bis(μ₃-isophthalato)-(μ₂-1,4-bis((2-(pyridin-2-yl)-1H-imidazol-1-yl)methyl)benzene)-di-zinc(ii))

Space Group: P-1 **Cell:** a 8.645(1) b 9.122(1) c 11.409(1)
Space Group No.: 2 **(Å, °)** α 86.31(0) β 73.38(0) γ 70.25(0)

R-Factor (%): 3.79 **Temperature(K):** 293 **Density(g/cm³):** 1.744



TAHNEX

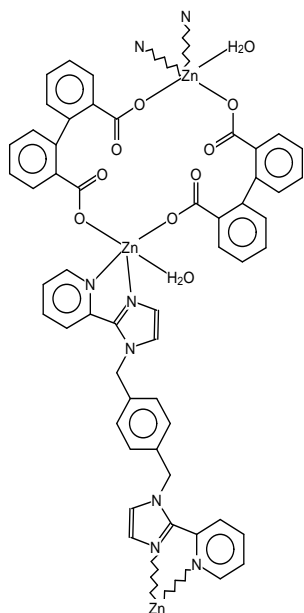
Reference: Guang-Xiang Liu, Yu-Yong Xu, Yan Wang, S.Nishihara, Xiao-Ming Ren (2010) *Inorg.Chim.Acta*, **363**,3932

Formula: (C₅₂ H₄₀ N₆ O₁₀ Zn₂)_n

Compound Name: catena-(bis(μ₂-biphenyl-2,2'-dicarboxylato)-(μ₂-1,4-bis((2-(pyridin-2-yl)-1H-imidazol-1-yl)methyl)benzene)-diaqua-di-zinc(ii))

Space Group: P2₁/c **Cell:** a 10.992(3) b 11.812(4) c 18.358(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.14(0) γ 90.00

R-Factor (%): 4.39 **Temperature(K):** 293 **Density(g/cm³):** 1.482



TAHNIB

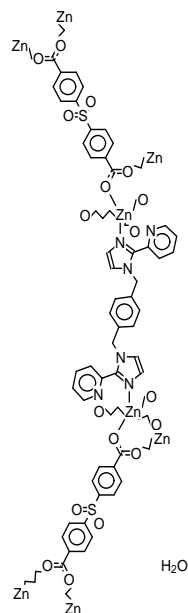
Reference: Guang-Xiang Liu, Yu-Yong Xu, Yan Wang, S.Nishihara, Xiao-Ming Ren (2010) *Inorg.Chim.Acta*, **363**,3932

Formula: (C₅₂ H₃₆ N₆ O₁₂ S₂ Zn₂)_n·n(H₂O)

Compound Name: catena-(bis(μ₄-4,4'-Sulfonyldibenzoato)-(μ₂-1,4-bis((2-(pyridin-2-yl)-1H-imidazol-1-yl)methyl)benzene)-di-zinc(ii) monohydrate)

Space Group: P-1 **Cell:** a 10.625(3) b 11.130(1) c 12.181(1)
Space Group No.: 2 **(Å, °)** α 69.24(0) β 69.52(0) γ 69.50(0)

R-Factor (%): 5.99 **Temperature(K):** 291 **Density(g/cm³):** 1.566



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TANDOD

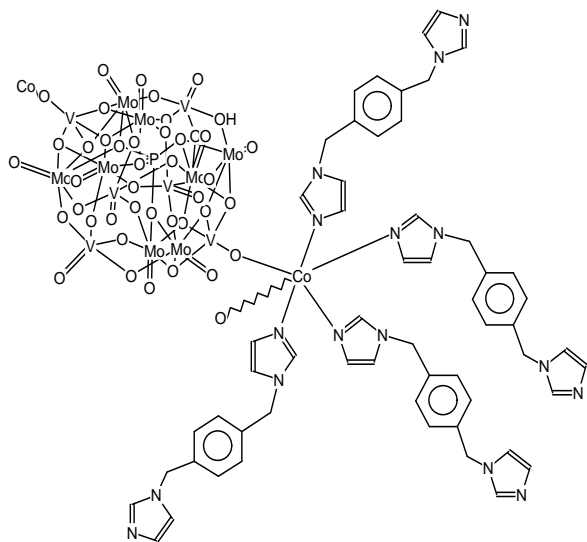
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2011) *CrystEngComm*, 13,2479

Formula: (C₅₆ H₅₇ Co₁ Mo₈ N₁₆ O₄₂ P₁ V₆)n

Compound Name: catena-[(μ₈-Phosphato)-octakis(μ₃-oxo)-(μ₂-hydroxo)-heptadecakis(μ₂-oxo)-dodecaoxo-tetrakis(1,4-bis(imidazolylmethyl)benzene)-cobalt-octa-molybdenum-hexa-vanadium]

Space Group: I41/a **Cell:** a 22.841(3) b 22.841(3) c 15.503(3)
Space Group No.: 88 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 2.93 **Temperature(K):** 150 **Density(g/cm³):** 2.291



TANDUJ

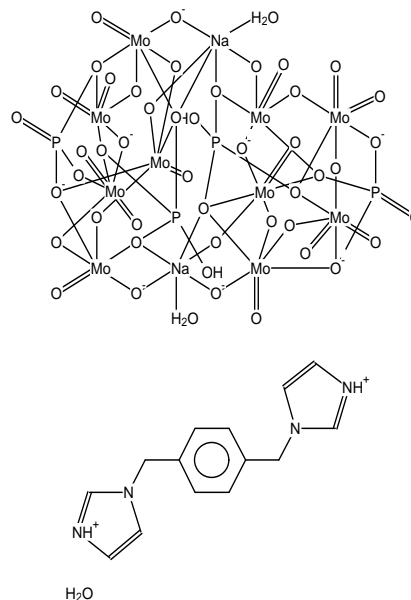
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2011) *CrystEngComm*, 13,2479

Formula: H₆ Mo₁₀ Na₂ O₄₈ P₄⁸⁻·4(C₁₄ H₁₆ N₄ 2⁺)·2(H₂ O₁)

Compound Name: tetrakis(1,4-bis(imidazolium-1-ylmethyl)benzene) bis(μ₇-hydrogen phosphato)-bis(μ₅-phosphato)-hexadecakis(μ₂-oxo)-diaqua-tetradeca-oxo-deca-molybdenum-di-sodium dihydrate

Space Group: P-1 **Cell:** a 11.467(2) b 12.372(3) c 16.851(3)
Space Group No.: 2 **(Å, °)** α 70.23(3) β 81.19(3) γ 88.27(3)

R-Factor (%): 4.78 **Temperature(K):** 150 **Density(g/cm³):** 2.167



TANFAR

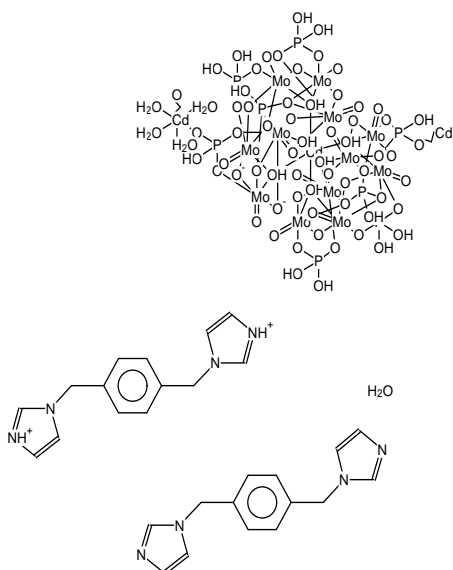
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2011) *CrystEngComm*, 13,2479

Formula: (H₂₆ Cd₂ Mo₁₂ O₆₆ P₈²⁻)n·n(C₁₄ H₁₆ N₄ 2⁺)·10n(H₂ O₁)·3n(C₁₄ H₁₄ N₄)

Compound Name: catena-[1,4-bis(imidazolium-1-ylmethyl)benzene tris(μ₄-hydrogen phosphato)-bis(μ₃-hydrogen phosphato)-hexakis(μ₃-hydroxo)-tetrakis(μ₂-dihydrogen phosphato)-dodecakis(μ₂-oxo)-tetraaqua-dodecaoxo-di-cadmium-dodeca-molybdenum]

Space Group: P-1 **Cell:** a 12.578(3) b 15.148(3) c 16.389(3)
Space Group No.: 2 **(Å, °)** α 95.96(3) β 110.13(3) γ 102.95(3)

R-Factor (%): 7.89 **Temperature(K):** 150 **Density(g/cm³):** 2.277



TANNIH

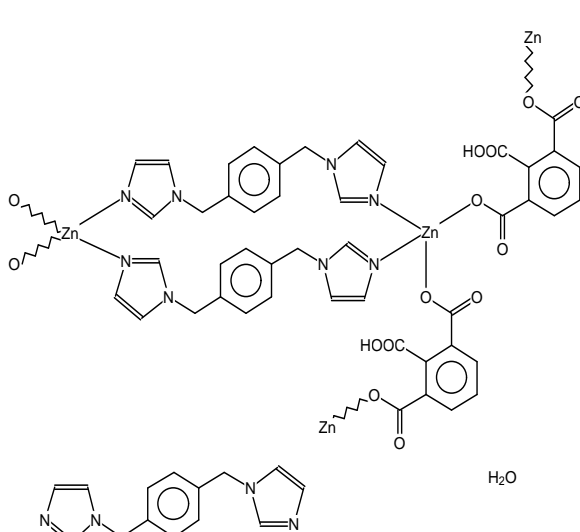
Reference: Wenlong Liu, Jianghu Yu, Jiaxun Jiang, Limin Yuan, Bin Xu, Qiang Liu, Botao Qu, Guoqing Zhang, Chaoguo Yan (2011) *CrystEngComm*, 13,2764

Formula: (C₄₆ H₃₆ N₈ O₁₂ Zn₂)n·n(C₁₄ H₁₄ N₄)·2n(H₂ O₁)

Compound Name: catena-[bis(μ₂-2-Carboxybenzene-1,3-dicarboxylato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc 1,4-bis(imidazol-1-ylmethyl)benzene dihydrate]

Space Group: P-1 **Cell:** a 9.657(6) b 12.577(8) c 13.693(9)
Space Group No.: 2 **(Å, °)** α 70.38(0) β 85.21(0) γ 73.17(0)

R-Factor (%): 3.54 **Temperature(K):** 296 **Density(g/cm³):** 1.437



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 417-420

TANNON

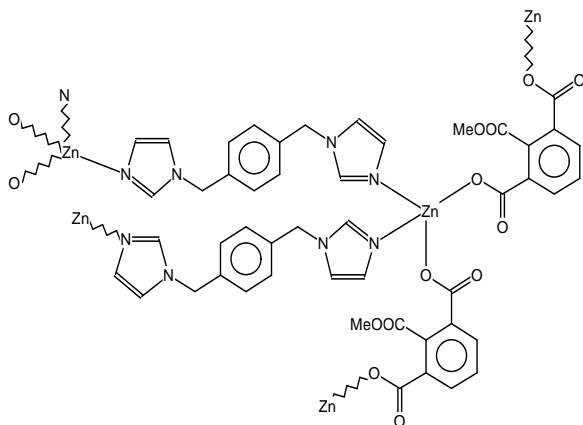
Reference: Wenlong Liu, Jianghu Yu, Jiaxun Jiang, Limin Yuan, Bin Xu, Qiang Liu, Botao Qu, Guoqing Zhang, Chaoguo Yan (2011) *CrystEngComm* ,13,2764

Formula: (C₄₈ H₄₀ N₈ O₁₂ Zn₂)_n

Compound Name: catena-[bis(μ₂-2-Methoxycarbonylbenzene-1,3-dicarboxylato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc]

Space Group: P-1 **Cell:** a 7.785(2) b 9.037(2) c 17.055(4)
Space Group No.: 2 **(Å, °)** α 102.02(0) β 96.30(0) γ 100.57(0)

R-Factor (%): 4.20 **Temperature(K):** 296 **Density(g/cm³):** 1.532



TATFUR

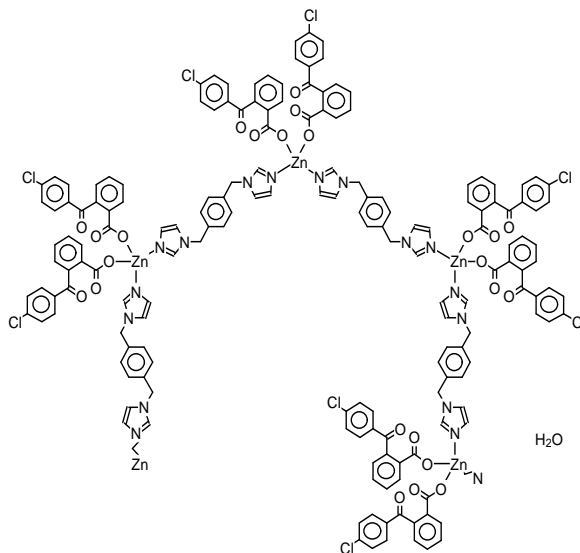
Reference: Xiu-Mei Li, Qing-Wei Wang, Bo Liu (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,31,245

Formula: (C₁₆₈ H₁₂₀ Cl₈ N₁₆ O₂₄ Zn₄)_n.2n(H₂ O)₁

Compound Name: catena-[tetrakis(μ₂-1,4-bis(1H-Imidazol-1-ylmethyl)benzene-N³,N^{3'})-octakis(2-(4-chlorobenzoyl)benzoato-O)-tetra-zinc(ii) dihydrate]

Space Group: P-1 **Cell:** a 10.280(1) b 17.636(2) c 23.237(3)
Space Group No.: 2 **(Å, °)** α 105.05(0) β 102.53(0) γ 100.76(0)

R-Factor (%): 5.25 **Temperature(K):** 292 **Density(g/cm³):** 1.440



TEBBOT

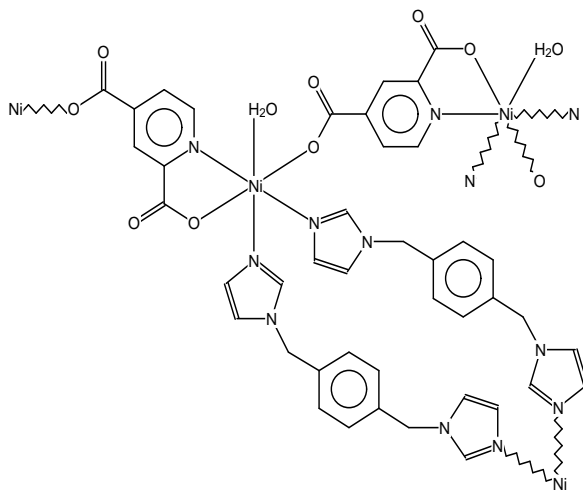
Reference: Xiu-Mei Li, Qing-Wei Wang, Bo Liu (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,31,889

Formula: (C₄₂ H₃₈ N₁₀ Ni₂ O₁₀)_n

Compound Name: catena-[bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-pyridine-2,4-dicarboxylato)-diaqua-di-nickel(ii)]

Space Group: C2/c **Cell:** a 25.148(1) b 13.162(0) c 14.274(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 118.42(0) γ 90.00

R-Factor (%): 4.78 **Temperature(K):** 292 **Density(g/cm³):** 1.535



TEBCOU

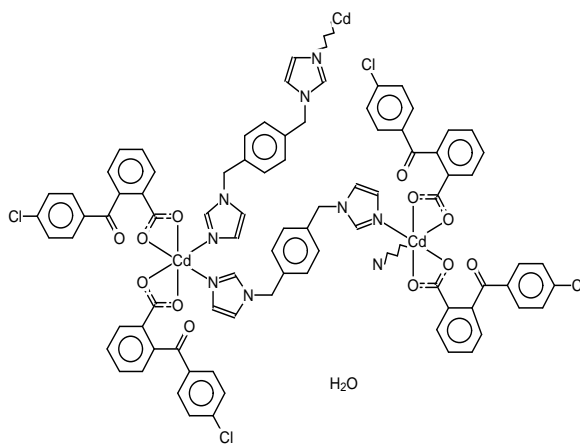
Reference: Xiu-Mei Li, Qing-Wei Wang, Bo Liu (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,31,965

Formula: (C₈₄ H₆₀ Cd₂ Cl₄ N₈ O₁₂)_n.n(H₂ O)₁

Compound Name: catena-[bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-tetrakis(2-(4-chlorobenzoyl)benzoato)-di-cadmium(ii) monohydrate]

Space Group: P-1 **Cell:** a 12.989(1) b 15.321(1) c 21.154(3)
Space Group No.: 2 **(Å, °)** α 108.48(0) β 90.15(0) γ 105.43(0)

R-Factor (%): 7.25 **Temperature(K):** 292 **Density(g/cm³):** 1.524



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TEJWAI

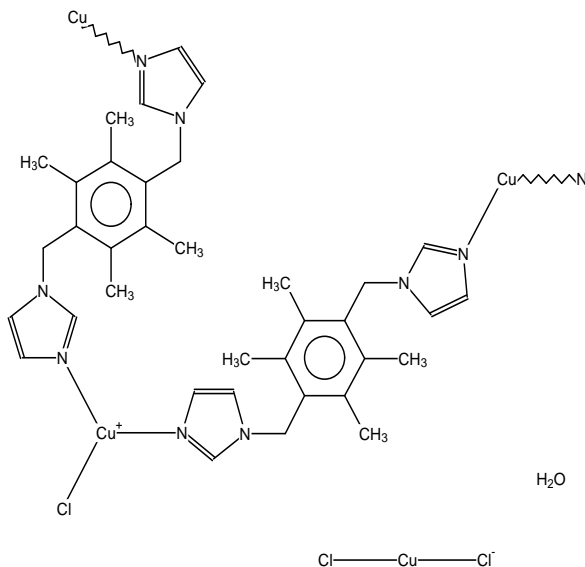
Reference: Hai-Xia Sun, Dong-Ju Liu, Yan Zhang, Yong Wu, Min Fang, Hong-Ke Liu (2012) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,28,2205

Formula: $(C_{36}H_{44}Cl_4Cu_2N_8^{1+})_n \cdot n(Cl_2Cu_1^{1-})_n \cdot n(H_2O)_1$

Compound Name: catena-(bis(μ_2 -1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)bis(1H-imidazole))-chloro-copper dichloro-copper monohydrate)

Space Group: P21/n **Cell:** a 15.513(1) b 12.763(1) c 20.853(1)
Space Group No.: 14 **Cell:** (\AA , °) α 90.00 β 101.97(0) γ 90.00

R-Factor (%): 6.13 **Temperature(K):** 298 **Density(g/cm³):** 1.486



TEJWEM

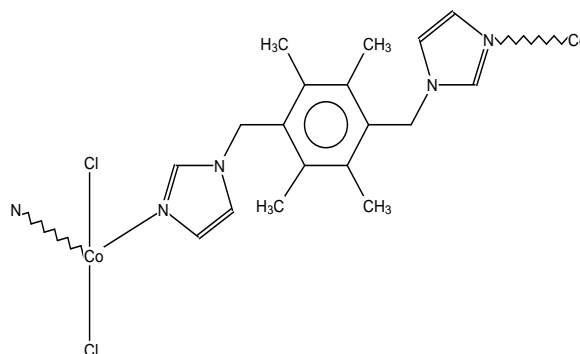
Reference: Hai-Xia Sun, Dong-Ju Liu, Yan Zhang, Yong Wu, Min Fang, Hong-Ke Liu (2012) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,28,2205

Formula: $(C_{18}H_{22}Cl_2Co_1N_4)_n$

Compound Name: catena-(μ_2 -1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)bis(1H-imidazole))-dichloro-cobalt(ii)

Space Group: Pnma **Cell:** a 12.615(1) b 12.551(1) c 13.075(1)
Space Group No.: 62 **Cell:** (\AA , °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.62 **Temperature(K):** 298 **Density(g/cm³):** 1.361



TESMIP

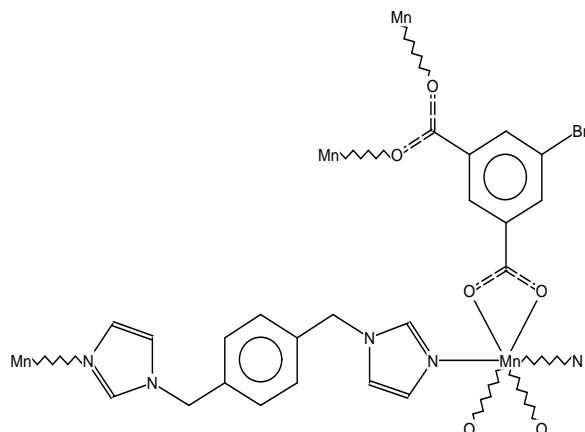
Reference: Wei-Wei Lu, Feng-Yang Ju (2012) *Z.Kristallogr.-New Cryst.Struct.* ,227,565

Formula: $(C_{22}H_{17}Br_1Mn_1N_4O_4)_n$

Compound Name: catena-[(μ_3 -5-Bromoisophthalato)-(μ_2 -1,1'-(1,4-phenylene)bis(methylene)bis(1H-imidazole))-manganese(ii)]

Space Group: P-1 **Cell:** a 9.358(2) b 10.258(2) c 13.016(3)
Space Group No.: 2 **Cell:** (\AA , °) α 89.38(0) β 78.59(0) γ 63.13(0)

R-Factor (%): 3.50 **Temperature(K):** 296 **Density(g/cm³):** 1.637



TEWZUS

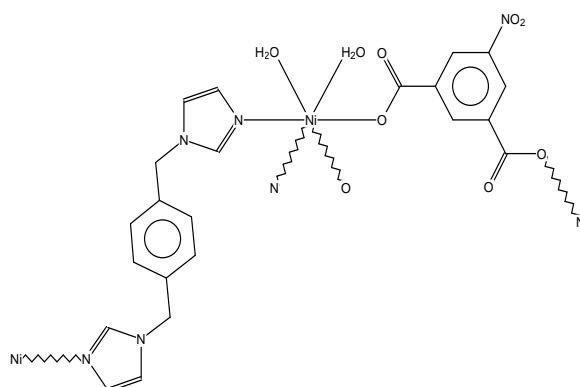
Reference: Xiu-Mei Li, Jian-Ye Ji, Yan-Liang Niu, Zhi-Tao Wang (2013) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)* ,29,165

Formula: $(C_{22}H_{21}N_5Ni_1O_8)_n$

Compound Name: catena-(μ_2 -5-Nitroisophthalato)-(μ_2 -1,1'-(1,4-phenylene)bis(methylene)bis(1H-imidazole))-diaqua-nickel

Space Group: Pnma **Cell:** a 17.436(0) b 21.290(0) c 5.686(0)
Space Group No.: 62 **Cell:** (\AA , °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.24 **Temperature(K):** 296 **Density(g/cm³):** 1.706



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 425-428

TIFTIN

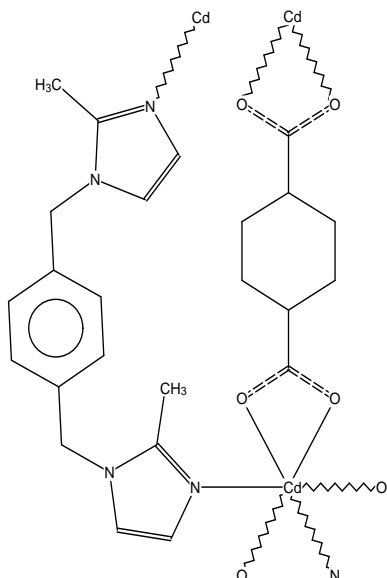
Reference: Wei-Guo Zhang, Guang-Hua Cui, Cui-Huan Jiao, Jian-Chen Geng (2012) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **28**,2494

Formula: (C₂₄ H₂₈ Cd₁ N₄ O₄)_n

Compound Name: catena-((μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(2-methyl-1H-imidazole)-(μ₂-cyclohexane-1,4-dicarboxylato)-cadmium(ii) unknown solvate)

Space Group: P2₁/n **Cell:** a 10.517(0) b 15.549(0) c 17.021(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.96(0) γ 90.00

R-Factor (%): 2.71 **Temperature(K):** 296 **Density(g/cm³):** 1.350



TIFTOT

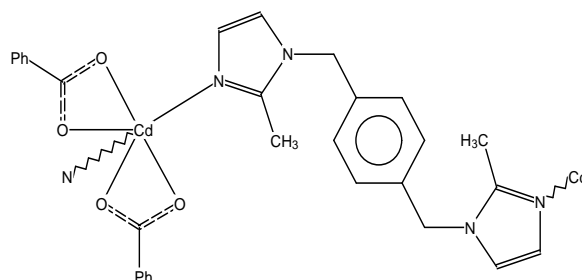
Reference: Wei-Guo Zhang, Guang-Hua Cui, Cui-Huan Jiao, Jian-Chen Geng (2012) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **28**,2494

Formula: (C₃₀ H₂₈ Cd₁ N₄ O₄)_n

Compound Name: catena-((μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(2-methyl-1H-imidazole)-bis(benzoato)-cadmium(ii))

Space Group: Pna2₁ **Cell:** a 21.540(1) b 14.926(0) c 8.449(0)
Space Group No.: 33 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.63 **Temperature(K):** 296 **Density(g/cm³):** 1.518



TIVYED

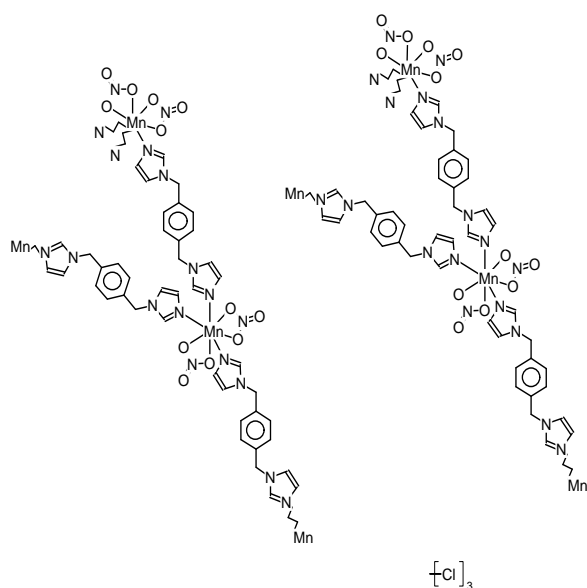
Reference: L.Carlucci, G.Ciani, S.Maggini, D.M.Proserpio (2008) *Cryst.Growth Des.*, **8**,162

Formula: (C₄₂ H₄₂ Mn₂ N₁₆ O₁₂)_n.n(C₄₂ H₄₂ Mn₂ N₁₆ O₁₂).4n(C₁ H₁ Cl₃)

Compound Name: catena-(tris(μ₂-1,4-bis(1-Imidazolylmethyl)benzene)-tetrakis(nitrate-O, O')-di-manganese(ii) tris(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-tetrakis(nitrate-O, O')-di-manganese(ii) chloroform clathrate)

Space Group: P-1 **Cell:** a 14.120(2) b 14.443(2) c 15.428(2)
Space Group No.: 2 **(Å, °)** α 64.47(0) β 79.16(0) γ 79.48(0)

R-Factor (%): 9.48 **Temperature(K):** 293 **Density(g/cm³):** 1.572



TIVYIH

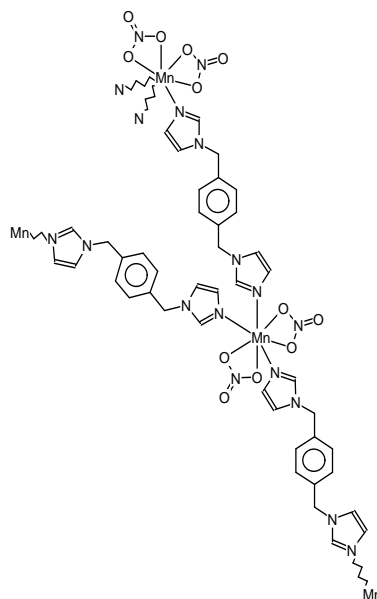
Reference: L.Carlucci, G.Ciani, S.Maggini, D.M.Proserpio (2008) *Cryst.Growth Des.*, **8**,162

Formula: (C₄₂ H₄₂ Mn₂ N₁₆ O₁₂)_n

Compound Name: catena-(tris(μ₂-1,4-bis(1-Imidazolylmethyl)benzene)-tetrakis(nitrate-O, O')-di-manganese(ii) tris(μ₂-1,4-bis(1-imidazolylmethyl)benzene)-tetrakis(nitrate-O, O')-di-manganese(ii))

Space Group: P-1 **Cell:** a 9.813(0) b 10.311(0) c 12.130(1)
Space Group No.: 2 **(Å, °)** α 98.60(0) β 100.95(0) γ 94.88(0)

R-Factor (%): 4.88 **Temperature(K):** 293 **Density(g/cm³):** 1.505



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TIVYON

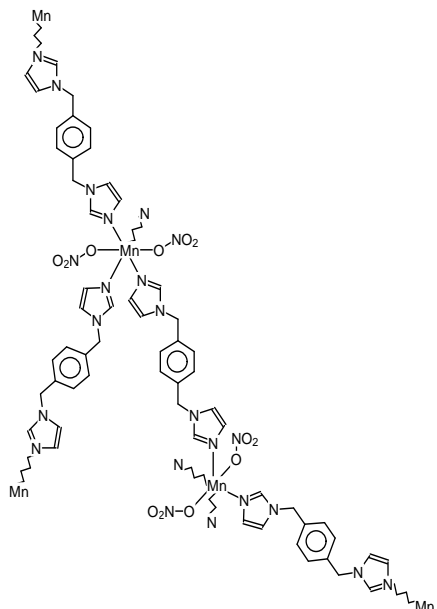
Reference: L.Carlucci, G.Ciani, S.Maggini, D.M.Proserpio (2008)
Cryst.Growth Des., **8**,162

Formula: (C₅₆ H₅₆ Mn₂ N₂₀ O₁₂)_n

Compound Name: catena-(tetrakis(μ₂-1,4-bis(1-Imidazolylmethyl)benzene)-tetrakis(nitrate-O)-di-manganese(ii))

Space Group: P-1 **Cell:** **a** 9.634(3) **b** 10.025(3) **c** 15.868(4)
Space Group No.: 2 **(Å, °)** α 105.61(0) β 101.06(0) γ 90.90(0)

R-Factor (%): 6.85 **Temperature(K):** 293 **Density(g/cm³):** 1.507



TIXLOD

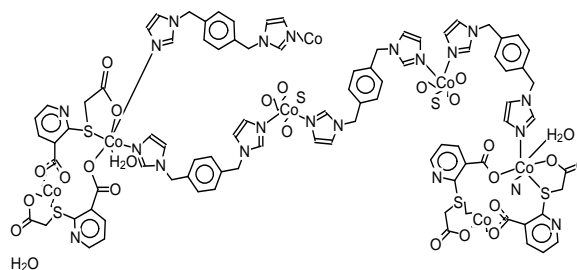
Reference: Xiuli Wang, Yun Qu, Guocheng Liu, Jian Luan, Hongyan Lin, Xiaomin Kan (2014) *Inorg.Chim.Acta*, **412**,104

Formula: (C₈₈ H₈₀ Co₄ N₂₀ O₁₈ S₄)_n.2n(H₂O)₁

Compound Name: catena-[bis(μ₂-2-((carboxylatomethyl)sulfanyl)nicotinato-O,O',S)-bis(μ₂-2-((carboxylatomethyl)sulfanyl)nicotinato-O,O',O',S)-tetrakis(μ₂-1,1'-(benzene-1,4-diyl dimethanediyl)bis(1H-imidazole))-diaqua-tetra-cobalt dihydrate]

Space Group: P-1 **Cell:** **a** 8.871(0) **b** 14.313(0) **c** 18.174(1)
Space Group No.: 2 **(Å, °)** α 77.71(0) β 88.53(0) γ 83.24(0)

R-Factor (%): 3.14 **Temperature(K):** 296 **Density(g/cm³):** 1.562



TIXLUJ

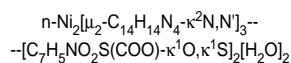
Reference: Xiuli Wang, Yun Qu, Guocheng Liu, Jian Luan, Hongyan Lin, Xiaomin Kan (2014) *Inorg.Chim.Acta*, **412**,104

Formula: (C₅₈ H₅₆ N₁₄ Ni₂ O₁₀ S₂)_n.4n(H₂O)₁

Compound Name: catena-[tris(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(2-((carboxylatomethyl)sulfanyl)nicotinato)-diaqua-di-nickel tetrahydrate]

Space Group: P-1 **Cell:** **a** 9.123(1) **b** 10.597(1) **c** 16.853(1)
Space Group No.: 2 **(Å, °)** α 99.00(0) β 95.48(0) γ 91.44(0)

R-Factor (%): 7.84 **Temperature(K):** 296 **Density(g/cm³):** 1.414



TIXMAQ

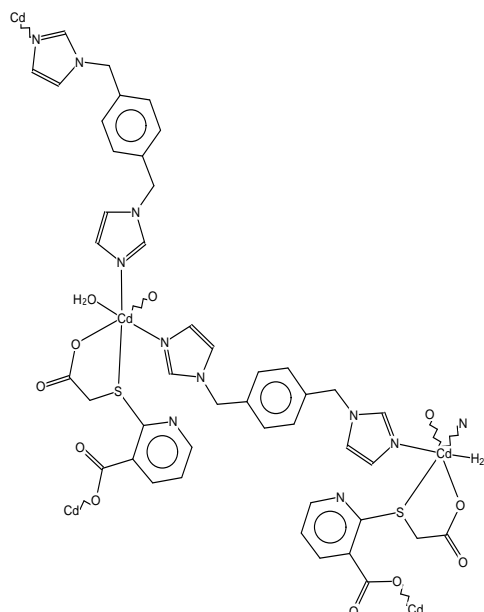
Reference: Xiuli Wang, Yun Qu, Guocheng Liu, Jian Luan, Hongyan Lin, Xiaomin Kan (2014) *Inorg.Chim.Acta*, **412**,104

Formula: (C₄₄ H₄₂ Cd N₁₀ O₁₀ S₂)_n

Compound Name: catena-[bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-2-((carboxylatomethyl)sulfanyl)nicotinato)-diaqua-di-cadmium]

Space Group: P-1 **Cell:** **a** 8.847(0) **b** 11.094(1) **c** 12.006(1)
Space Group No.: 2 **(Å, °)** α 74.92(0) β 78.82(0) γ 88.55(0)

R-Factor (%): 2.72 **Temperature(K):** 296 **Density(g/cm³):** 1.726



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 433-436

TIXMEU

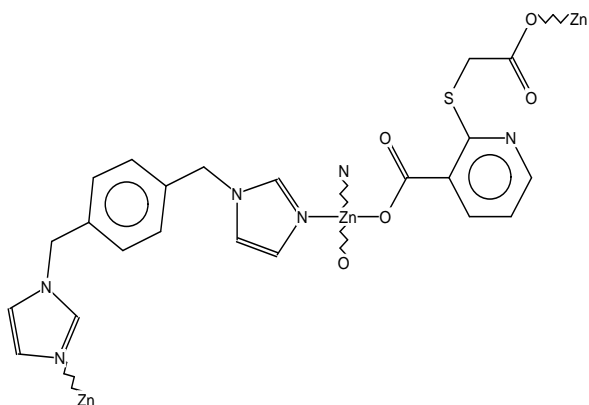
Reference: Xiuli Wang, Yun Qu, Guocheng Liu, Jian Luan, Hongyan Lin, Xiaomin Kan (2014) *Inorg.Chim.Acta* ,412,104

Formula: (C₂₂ H₁₉ N₅ O₄ S₁ Zn₁)_n.2n(H₂ O₁)

Compound Name: catena-[(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-(μ₂-2-(carboxylatomethyl)sulfanyl)nicotinato]-zinc dihydrate]

Space Group: C2/c **Cell:** **a** 28.327(3) **b** 10.762(1) **c** 16.201(1)
Space Group No.: 15 **(Å,°)** **α** 90.00 **β** 99.99(0) **γ** 90.00

R-Factor (%): 6.75 **Temperature(K)**: 296 **Density(g/cm³)**: 1.505



H₂O

TIXMIY

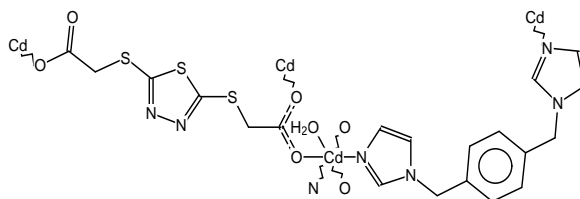
Reference: Xiuli Wang, Yun Qu, Guocheng Liu, Jian Luan, Hongyan Lin, Xiaomin Kan (2014) *Inorg.Chim.Acta* ,412,104

Formula: (C₂₀ H₂₀ Cd₁ N₆ O₅ S₃)_n

Compound Name: catena-[(μ₃-2,2'-(1,3,4-Thiadiazole-2,5-diyl)disulfanediy)diacetato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-aqua-cadmium]

Space Group: P21/c **Cell:** **a** 5.168(0) **b** 26.787(1) **c** 17.398(1)
Space Group No.: 14 **(Å,°)** **α** 90.00 **β** 97.81(0) **γ** 90.00

R-Factor (%): 3.38 **Temperature(K)**: 296 **Density(g/cm³)**: 1.762



TIXMUK

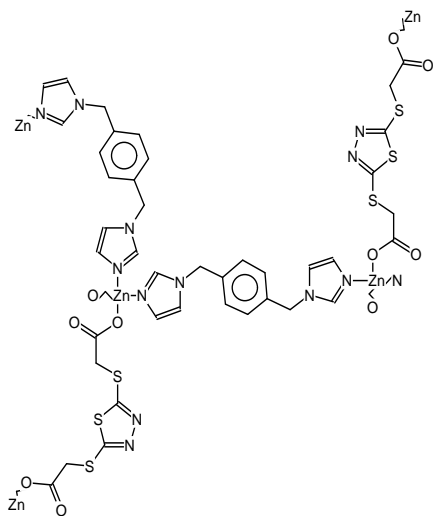
Reference: Xiuli Wang, Yun Qu, Guocheng Liu, Jian Luan, Hongyan Lin, Xiaomin Kan (2014) *Inorg.Chim.Acta* ,412,104

Formula: (C₄₀ H₃₆ N₁₂ O₈ S₈ Zn₂)_n.2n(H₂ O₁)

Compound Name: catena-[bis(μ₂-2,2'-(1,3,4-Thiadiazole-2,5-diyl)disulfanediy)diacetato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc dihydrate]

Space Group: P21/c **Cell:** **a** 9.608(1) **b** 29.325(5) **c** 9.171(1)
Space Group No.: 14 **(Å,°)** **α** 90.00 **β** 101.49(0) **γ** 90.00

R-Factor (%): 4.84 **Temperature(K)**: 296 **Density(g/cm³)**: 1.537



H₂O

TOBLEC

Reference: Ji-Hong Yuan, Cheng Wang, Ming-Juan Yu, Jing Li (2008) *Acta Crystallogr., Sect.E:Struct.Rep. Online* ,64,m831

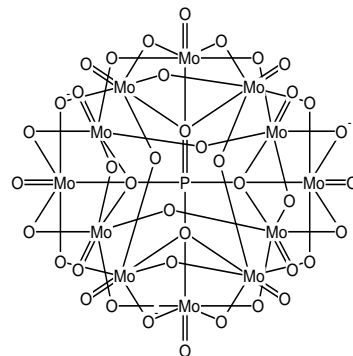
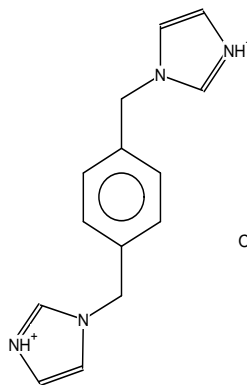
Formula: 3(C₁₄ H₁₆ N₄ 2⁺),2(Mo₁₂ O₄₀ P₁ 3⁻)

Compound Name: tris[3,3'-(p-phenylenedimethylene)-diimidazol-1-ium] bis(phosphatododecamolybdate)

Synonym: tris[3,3'-(p-phenylenedimethylene)-diimidazol-1-ium] bis((μ₁₂-phosphato)-tetracosakis(μ₂-oxo)-dodecaoxo-dodeca-molybdenum)

Space Group: P-1 **Cell:** **a** 11.879(0) **b** 12.503(0) **c** 18.418(0)
Space Group No.: 2 **(Å,°)** **α** 73.38(0) **β** 87.30(0) **γ** 67.56(0)

R-Factor (%): 2.70 **Temperature(K)**: 293 **Density(g/cm³)**: 2.999



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 437-440

TOKDIH

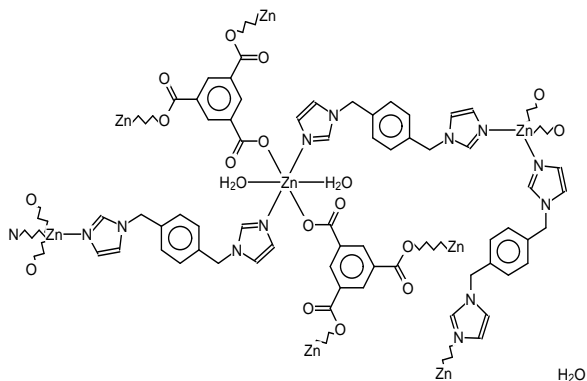
Reference: Shourong Zhu, Hui Zhang, Yongmei Zhao, Min Shao, Zhaoxi Wang, Mingxing Li (2008) *J.Mol.Struct.* ,892,420

Formula: (C₆₀ H₅₂ N₁₂ O₁₄ Zn₃)_n·4n(H₂O)

Compound Name: catena-(bis(μ₃-1,3,5-benzene-tricarboxylato)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-diaqua-tri-zinc(ii) tetrahydrate)

Space Group: P21/c **Cell:** a 14.346(5) b 10.127(3) c 21.105(7)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.67(0) γ 90.00

R-Factor (%): 7.17 **Temperature(K):** 293 **Density(g/cm³):** 1.575



TOKDON

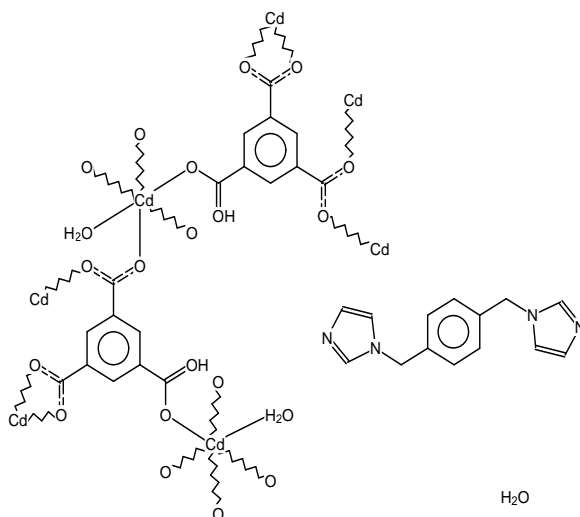
Reference: Shourong Zhu, Hui Zhang, Yongmei Zhao, Min Shao, Zhaoxi Wang, Mingxing Li (2008) *J.Mol.Struct.* ,892,420

Formula: (C₁₈ H₁₂ Cd₂ O₁₄)_n·n(C₁₄ H₁₄ N₄)_{4n}(H₂O)

Compound Name: catena-(bis(μ₂-1,3-dicarboxylatobenzene-5-carboxylic acid)-diaqua-di-cadmium(ii) 1,4-bis(imidazol-1-ylmethyl)benzene tetrahydrate)

Space Group: P21/c **Cell:** a 10.156(1) b 12.284(1) c 14.687(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.00(0) γ 90.00

R-Factor (%): 3.92 **Temperature(K):** 293 **Density(g/cm³):** 1.837



TONFIM

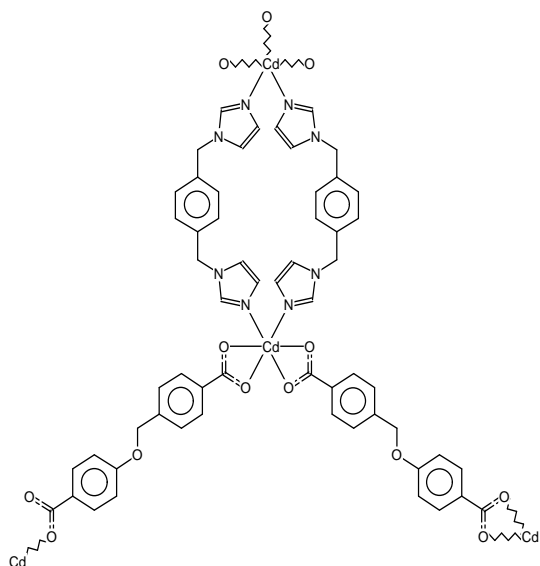
Reference: Ya-Qian Lan, Shun-Li Li, Jun-Sheng Qin, Dong-Ying Du, Xin-Long Wang, Zhong-Min Su, Qiang Fu (2008) *Inorg.Chem.* ,47, 10600

Formula: (C₅₈ H₄₈ Cd₂ N₈ O₁₀)_n

Compound Name: catena-[(μ₂-4-((4-Carboxylatobenzyl)oxy)benzoato-O,O',O'')-(μ₂-4-((4-carboxylatobenzyl)oxy)benzoato-O,O',O'')-bis(μ₂-1,4-bis((1H-imidazol-1-yl)methyl)benzene-N³,N³)-di-cadmium(ii)-polycatenane-polyrotaxane]

Space Group: P-1 **Cell:** a 9.786(0) b 14.746(0) c 19.872(1)
Space Group No.: 2 **(Å, °)** α 100.75(0) β 97.92(0) γ 100.70(0)

R-Factor (%): 4.58 **Temperature(K):** 293 **Density(g/cm³):** 1.514



TONFOS

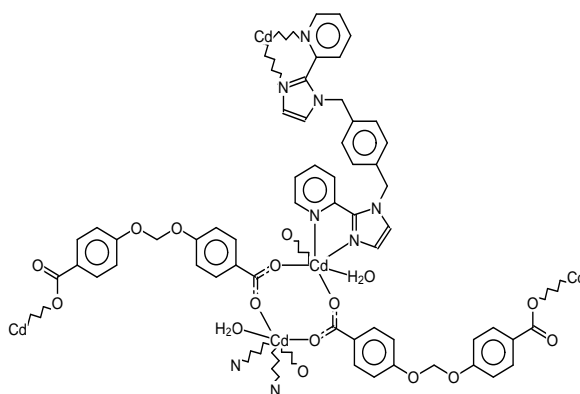
Reference: Ya-Qian Lan, Shun-Li Li, Jun-Sheng Qin, Dong-Ying Du, Xin-Long Wang, Zhong-Min Su, Qiang Fu (2008) *Inorg.Chem.* ,47, 10600

Formula: (C₅₄ H₄₄ Cd₂ N₆ O₁₄)_n

Compound Name: catena-[bis(μ₂-4,4'-Methylenebis(oxy)benzoato-O,O',O'')-(μ₂-1,4-bis((2-pyridin-2-yl)-1H-imidazol-1-yl)methyl)benzene-N,N',N'',N''')-diaqua-di-cadmium(ii)-polycatenane-polyrotaxane]

Space Group: P-1 **Cell:** a 10.393(0) b 11.029(0) c 12.099(0)
Space Group No.: 2 **(Å, °)** α 110.63(0) β 105.67(0) γ 93.46(0)

R-Factor (%): 3.58 **Temperature(K):** 293 **Density(g/cm³):** 1.654



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 441-444

TUCJUX

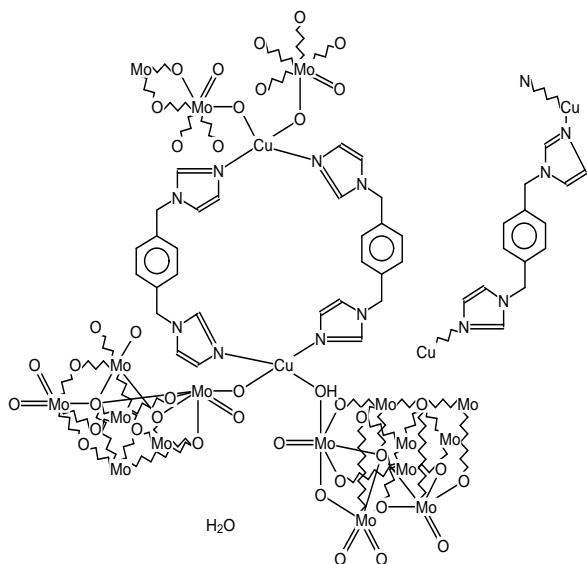
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2009) *Cryst.Growth Des.* ,9,4116

Formula: $(C_{14}H_{14}Cu_1N_4)n,n(C_{28}H_{29}Cu_2Mo_8N_8O_{26}),2n(H_2O)_1$

Compound Name: catena- $(\mu_2-1,4$ -bis(imidazol-1-ylmethyl)benzene- N,N' -copper(I) bis $(\mu_5$ -oxo)-tetrakis $(\mu_3$ -oxo)-bis $(\mu_2-1,4$ -bis(imidazol-1-ylmethyl)benzene)- $(\mu_2$ -hydroxo)-nonakis $(\mu_2$ -oxo)-decaoxo-di-copper(I)-octa-molybdenum dihydrate)

Space Group: C2/c **Cell:** a 24.486(5) b 13.712(3) c 20.241(4)
Space Group No.: 15 **(Å, °)** α 90.00 β 118.18(3) γ 90.00

R-Factor (%): 5.19 **Temperature(K):** 150 **Density(g/cm³):** 2.357



TUCKAE

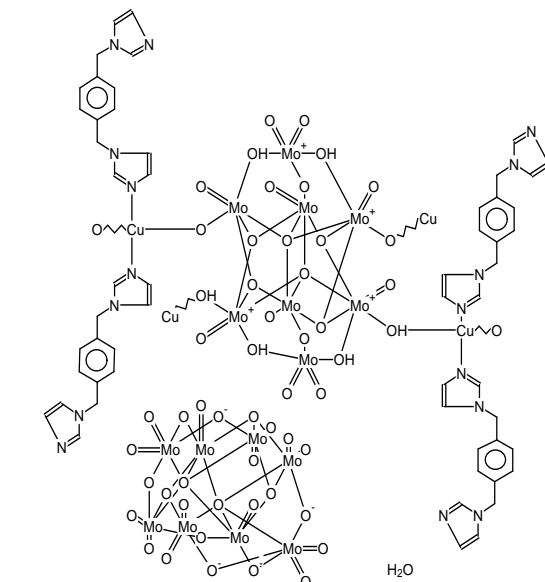
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2009) *Cryst.Growth Des.* ,9,4116

Formula: $(C_{56}H_{62}Cu_2Mo_8N_{16}O_{26}4+)n,n(Mo_8O_{26}4-),4n(H_2O)_1$

Compound Name: catena-bis $(\mu_4$ -oxo)-tetrakis $(\mu_3$ -oxo)-hexakis $(\mu_2$ -hydroxo)-tetrakis $(\mu_2$ -oxo)-tetrakis(1,4-bis(imidazole-1-ylmethyl)benzene)-decaoxo-di-copper(I)-octa-molybdenum bis $(\mu_5$ -oxo)-tetrakis $(\mu_3$ -oxo)-hexakis $(\mu_2$ -oxo)-tetradeca-oxo-octa-molybdenum tetrahydrate)

Space Group: P-1 **Cell:** a 10.041(2) b 10.979(2) c 21.964(4)
Space Group No.: 2 **(Å, °)** α 91.68(3) β 96.02(3) γ 101.91(3)

R-Factor (%): 6.67 **Temperature(K):** 150 **Density(g/cm³):** 2.488



TUCKEI

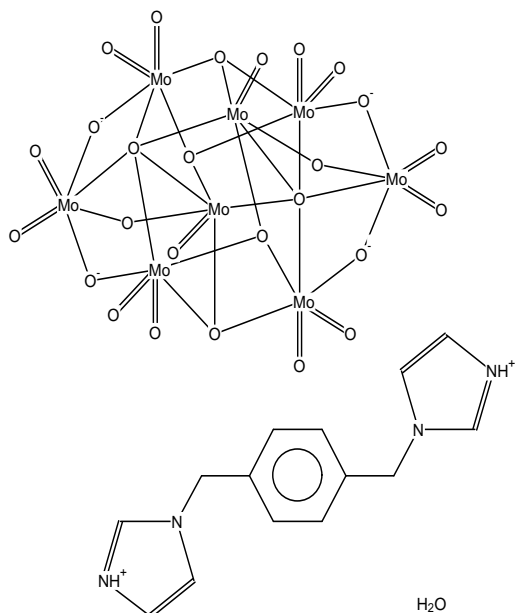
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2009) *Cryst.Growth Des.* ,9,4116

Formula: $Mo_8O_{26}4- \cdot 2(C_{14}H_{16}N_4 \cdot 2+), 2(H_2O)_1$

Compound Name: bis(1,4-bis(imidazol-3-ium-1-ylmethyl)benzene) bis $(\mu_5$ -oxo)-tetrakis $(\mu_3$ -oxo)-hexakis $(\mu_2$ -oxo)-tetradeca-oxo-octa-molybdenum monohydrate

Space Group: P-1 **Cell:** a 11.505(2) b 13.023(3) c 15.556(3)
Space Group No.: 2 **(Å, °)** α 90.99(3) β 92.74(3) γ 97.36(3)

R-Factor (%): 4.56 **Temperature(K):** 150 **Density(g/cm³):** 2.420



TUCKIM

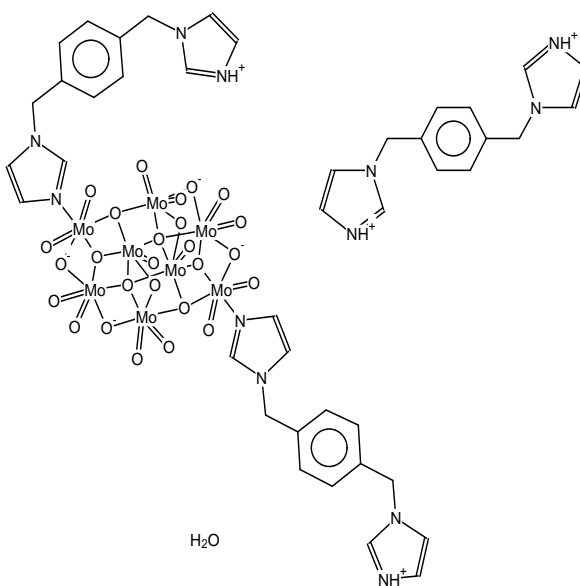
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2009) *Cryst.Growth Des.* ,9,4116

Formula: $C_{28}H_{30}Mo_8N_8O_{26}2- \cdot C_{14}H_{16}N_4 \cdot 2+, 2(H_2O)_1$

Compound Name: 1,4-bis(imidazol-3-ium-1-ylmethyl)benzene bis $(\mu_4$ -oxo)-tetrakis $(\mu_3$ -oxo)-hexakis $(\mu_2$ -oxo)-bis(1,4-bis(imidazol-1-ylmethyl)benzene)-tetradeca-oxo-octa-molybdenum dihydrate

Space Group: P-1 **Cell:** a 10.799(2) b 12.472(3) c 12.879(3)
Space Group No.: 2 **(Å, °)** α 115.03(3) β 96.54(3) γ 103.21(3)

R-Factor (%): 5.16 **Temperature(K):** 150 **Density(g/cm³):** 2.166



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 445-448

TUCKOS

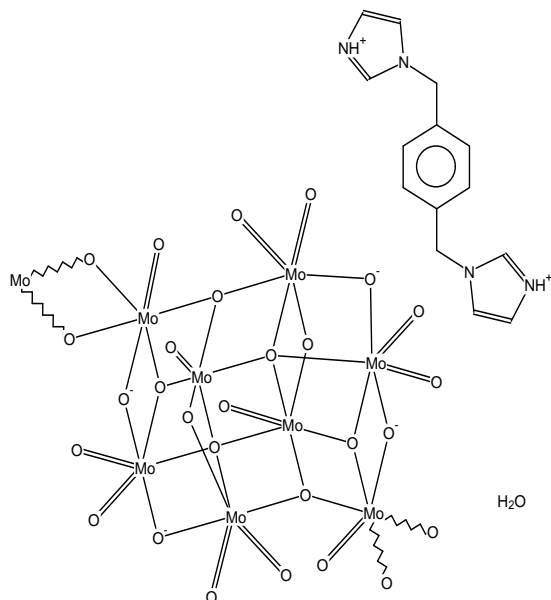
Reference: Jing-Xin Meng, Ying Lu, Yang-Guang Li, Hai Fu, En-Bo Wang (2009) *Cryst.Growth Des.*, **9**,4116

Formula: $(\text{Mo}_8\text{O}_{26}^{4-})_n \cdot 2n(\text{C}_{14}\text{H}_{16}\text{N}_4^{2+}) \cdot 2n(\text{H}_2\text{O})_1$

Compound Name: catena-(bis(1,4-bis(imidazol-3-ium-1-ylmethyl)benzene) bis(μ_4 -oxo)-tetrakis(μ_3 -oxo)-octakis(μ_2 -oxo)-dodecaoxo-octa-molybdenum dihydrate)

Space Group: P-1 **Cell:** *a* 9.655(1) *b* 10.657(2) *c* 11.918(2)
Space Group No.: 2 **Cell:** $(\text{\AA}, ^\circ)$ α 85.06(3) β 85.38(3) γ 78.61(3)

R-Factor (%): 6.55 **Temperature(K):** 150 **Density(g/cm³):** 2.362



TUCLEJ

Reference: Shun-Li Li, Ya-Qian Lan, Jun-Shen Qin, Jian-Fang Ma, Jie Liu, Jin Yang (2009) *Cryst.Growth Des.*, **9**,4142

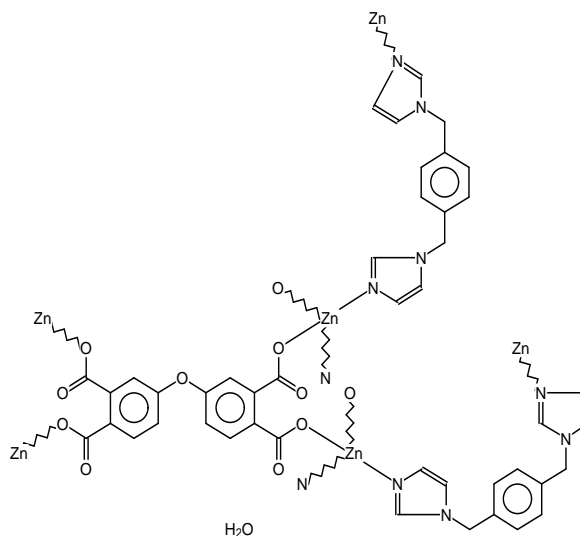
Formula: $(\text{C}_{44}\text{H}_{34}\text{N}_8\text{O}_9\text{Zn}_2)_n \cdot 3n(\text{H}_2\text{O})_1$

Compound Name: catena-((μ_4 -4,4'-oxidiphthalato)-bis(μ_2 -4,4'-bis(imidazol-1-ylmethyl)benzene)-di-zinc(ii) trihydrate)

Synonym: catena-((μ_4 -oxybis(benzene-3,3',4,4'-tetracarboxylato))-bis(μ_2 -4,4'-bis(imidazol-1-ylmethyl)benzene)-di-zinc(ii) trihydrate)

Space Group: P212121 **Cell:** *a* 14.784(0) *b* 16.810(0) *c* 18.997(1)
Space Group No.: 19 **Cell:** $(\text{\AA}, ^\circ)$ α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.73 **Temperature(K):** 293 **Density(g/cm³):** 1.412



TUQHIX

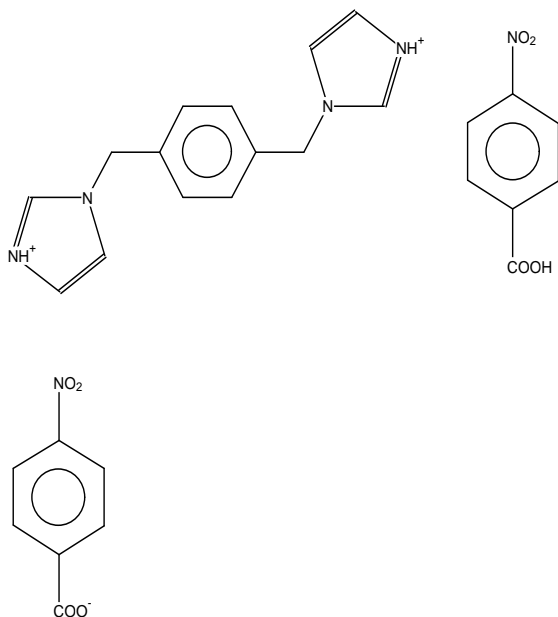
Reference: G.-Y.Dong, X.-H.Liu, T.-F.Liu, I.U.Khan (2010) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **66**,o1485

Formula: $\text{C}_{14}\text{H}_{16}\text{N}_4^{2+} \cdot 2(\text{C}_7\text{H}_4\text{N}_1\text{O}_4^-) \cdot 2(\text{C}_7\text{H}_5\text{N}_1\text{O}_4)$

Compound Name: 3,3'-(p-Phenylenedimethylene)di-1H-imidazol-1-ium bis(4-nitrobenzoate) bis(4-nitrobenzoic acid)

Space Group: P-1 **Cell:** *a* 7.266(1) *b* 12.689(3) *c* 13.028(3)
Space Group No.: 2 **Cell:** $(\text{\AA}, ^\circ)$ α 112.94(3) β 102.49(3) γ 101.94(3)

R-Factor (%): 8.14 **Temperature(K):** 295 **Density(g/cm³):** 1.474



UBABUW

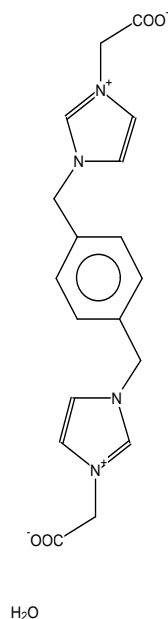
Reference: S.Kohmoto, S.Okuyama, Nobuyuki, Yokota, M.Takahashi, K.Kishikawa, H.Masu, I.Azumaya (2011) *Cryst.Growth Des.*, **11**,3698

Formula: $\text{C}_{18}\text{H}_{18}\text{N}_4\text{O}_4 \cdot 5(\text{H}_2\text{O})_1$

Compound Name: 2,2'-(1,4-Phenylenebis(methylene-1H-imidazol-3-ium-1,3-diy))diacetate pentahydrate

Space Group: C2/c **Cell:** *a* 27.636(7) *b* 4.744(1) *c* 19.233(5)
Space Group No.: 15 **Cell:** $(\text{\AA}, ^\circ)$ α 90.00 β 122.93(0) γ 90.00

R-Factor (%): 3.81 **Temperature(K):** 120 **Density(g/cm³):** 1.395



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UBOWIT

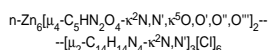
Reference: Hong-Wen Liu, Wen-Guan Lu (2011) *Wuji Huaxue Xuebao(Chin. J.Chin.J.Inorg.Chem.)*, **27**,2205

Formula: (C₅₂ H₄₄ Cl₆ N₁₆ O₈ Zn₆)n.0.5n(H₂ O₁)

Compound Name: catena-(bis(μ₄-imidazole-4,5-dicarboxylato)-tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-hexachloro-hexa-zinc hemihydrate)

Space Group: P21/c **Cell:** a 11.603(0) b 10.893(0) c 23.942(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.58(0) γ 90.00

R-Factor (%): 2.35 **Temperature(K):** 150 **Density(g/cm³):** 1.806



UFUKOX

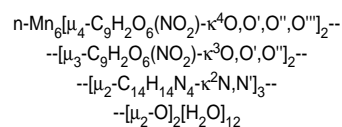
Reference: Yuting Yang, Changzheng Tu, Feixiang Cheng, Fan Wang (2013) *CrystEngComm*, **15**,7121

Formula: (C₇₈ H₇₄ Mn₆ N₁₆ O₄₆)n.4n(H₂ O₁)

Compound Name: catena-[bis(μ₄-5-nitrobenzene-1,2,3-tricarboxylato)-bis(μ₃-5-nitrobenzene-1,2,3-tricarboxylato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-oxo)-dodeca-aqua-hexa-manganese tetrahydrate]

Space Group: P21/c **Cell:** a 21.239(1) b 16.054(0) c 14.698(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 108.84(0) γ 90.00

R-Factor (%): 3.57 **Temperature(K):** 296 **Density(g/cm³):** 1.662



H₂O

H₂O

ULIFIE

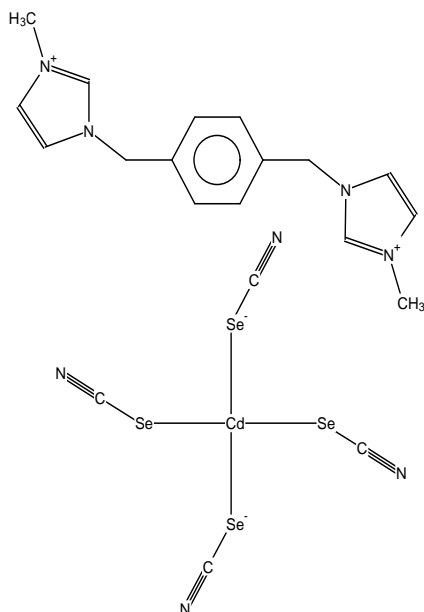
Reference: Daojie Liu, Dacheng Li (2003) *Appl. Organomet. Chem.*, **17**, 811

Formula: C₁₆ H₂₀ N₄ ²⁺C₄ Cd₁ N₄ Se₄ ²⁻

Compound Name: p-bis(3-Methylimidazolium-3-yl)xylylene tetrakis(selenocyanato)-cadmium(ii)

Space Group: P2/n **Cell:** a 12.134(3) b 4.525(1) c 23.799(5)
Space Group No.: 13 **(Å, °)** α 90.00 β 90.90(0) γ 90.00

R-Factor (%): 3.13 **Temperature(K):** 293 **Density(g/cm³):** 2.035



UNOKAK

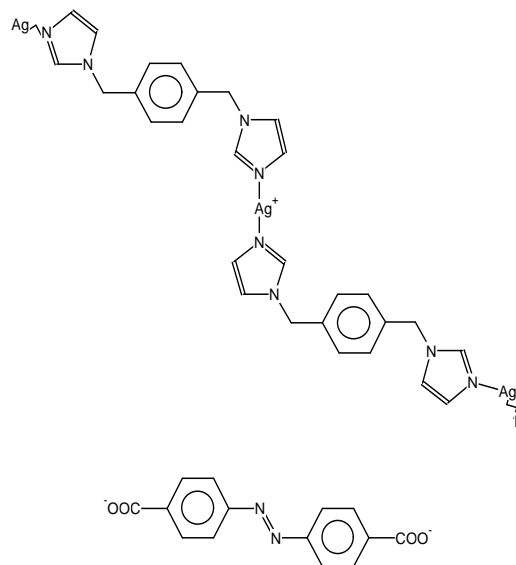
Reference: Qian Qiao, Mei Tian, Da-Yong Liu, Shu-Jiang Wang (2011) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **67**,m473

Formula: (C₂₈ H₂₈ Ag₂ N₈ ²⁺)n.(C₁₄ H₈ N₂ O₄ ²⁻).2n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,4-bis((imidazol-1-yl)methyl)benzene)-di-silver(i) 4,4'-diazenediyl)dicobenzoate dihydrate)

Space Group: P-1 **Cell:** a 9.494(0) b 9.781(0) c 24.405(0)
Space Group No.: 2 **(Å, °)** α 84.11(0) β 88.77(0) γ 63.25(0)

R-Factor (%): 3.98 **Temperature(K):** 293 **Density(g/cm³):** 1.645



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 453-456

UPUSUU

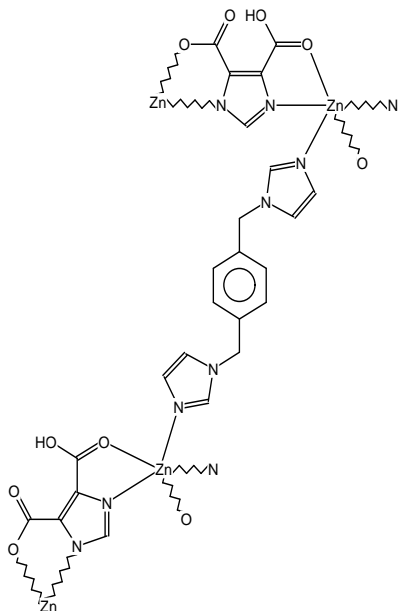
Reference: Hong-Wen Liu, Wen-Guan Lu (2010) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **29**,1416

Formula: (C₂₄ H₁₈ N₈ O₈ Zn₂)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-bis(μ₂-4-carboxylimidazole-5-carboxylato)-di-zinc(ii))

Space Group: P2₁/n **Cell:** a 12.125(3) b 10.541(3) c 12.484(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 115.83(0) γ 90.00

R-Factor (%): 4.39 **Temperature(K):** 173 **Density(g/cm³):** 1.566



UQASOV

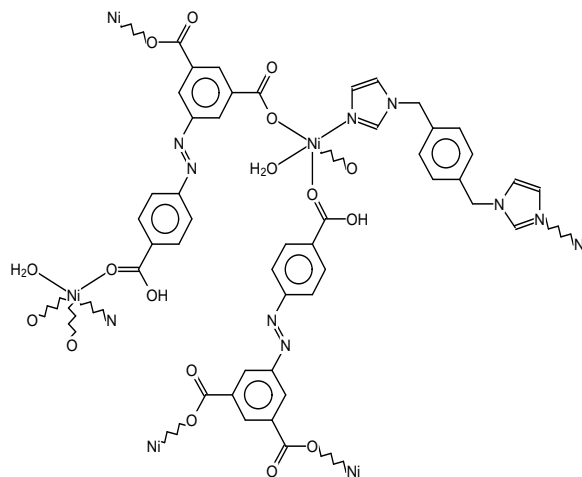
Reference: Lin-Heng Wei, Zi-Liang Wang, Ming-Xue Li, Jing-Ping Wang (2011) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **30**,486

Formula: (C₄₄ H₃₄ N₈ Ni₂ O₁₄)_n

Compound Name: catena-[bis(μ₃-5-((E)-(4-Carboxyphenyl)diazenyl)benzene)-1,3-dicarboxylato-O,O',O')-(μ₂-1,4-bis(1H-imidazol-1-ylmethyl)benzene-N³,N³)-diaqua-di-nickel(ii)]

Space Group: Pbc_a **Cell:** a 18.957(5) b 8.566(2) c 27.488(7)
Space Group No.: 61 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.79 **Temperature(K):** 296 **Density(g/cm³):** 1.512



UXEHAH

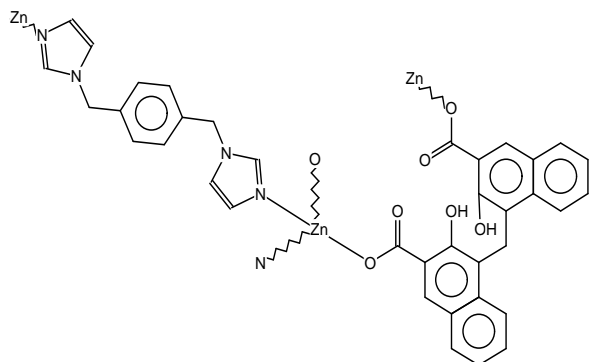
Reference: Suna Wang, Yanqiang Peng, Xilian Wei, Qingfu Zhang, Daqi Wang, Jianmin Dou, Dacheng Li, Junfeng Bai (2011) *CrystEngComm*, **13**,5313

Formula: (C₃₇ H₂₈ N₄ O₆ Zn₁)_n

Compound Name: catena-((μ₂-4,4'-methylenebis(3-hydroxy-2-naphthoato))-((μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc)

Space Group: P2₁/c **Cell:** a 11.350(1) b 16.733(1) c 17.710(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.50(0) γ 90.00

R-Factor (%): 4.85 **Temperature(K):** 298 **Density(g/cm³):** 1.378



UXEHEL

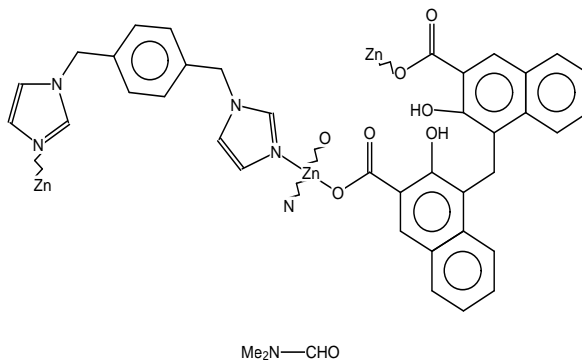
Reference: Suna Wang, Yanqiang Peng, Xilian Wei, Qingfu Zhang, Daqi Wang, Jianmin Dou, Dacheng Li, Junfeng Bai (2011) *CrystEngComm*, **13**,5313

Formula: (C₃₇ H₂₈ N₄ O₆ Zn₁)_n.2n(C₃ H₇ N₁ O₁)

Compound Name: catena-((μ₂-4,4'-methylenebis(3-hydroxy-2-naphthoato))-((μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc N,N-dimethylformamide solvate)

Space Group: P2₁/n **Cell:** a 14.704(1) b 17.181(1) c 16.092(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 104.60(0) γ 90.00

R-Factor (%): 5.12 **Temperature(K):** 298 **Density(g/cm³):** 1.412



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UXEHIP

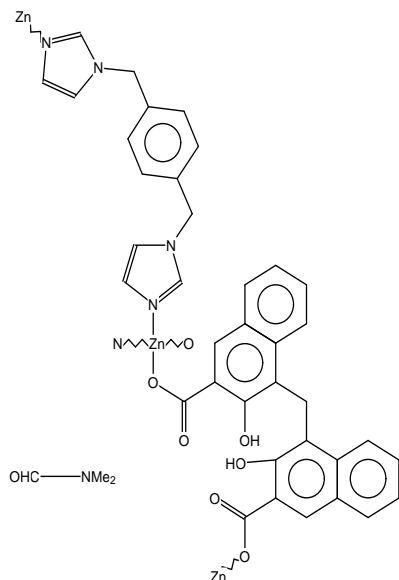
Reference: Suna Wang, Yanqiang Peng, Xilian Wei, Qingfu Zhang, Daqi Wang, Jianmin Dou, Dacheng Li, Junfeng Bai (2011) *CrystEngComm*, **13**,5313

Formula: (C₃₇ H₂₈ N₄ O₆ Zn₁)_n.3.7n(C₃ H₇ N₁ O₁)

Compound Name: catena-(μ₂-4,4'-methylenebis(3-hydroxy-2-naphthoato))-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc N,N-dimethylformamide solvate

Space Group: P2₁2₁2₁ **Cell:** a 11.683(10) b 15.571(14) c 26.710(20)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.23 **Temperature(K):** 298 **Density(g/cm³):** 1.313



UYEVOK

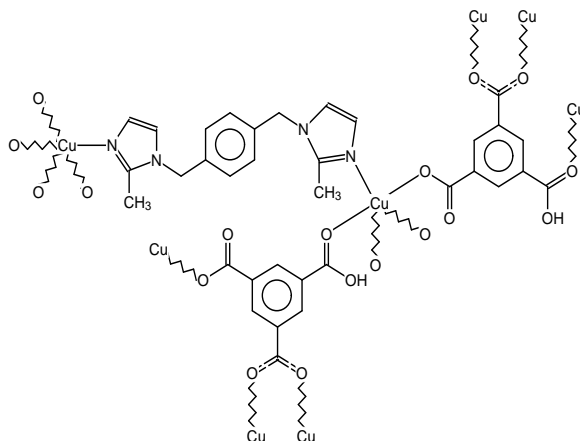
Reference: Tong-Fei Liu, Guang-Hua Cui, Cui-Huan Jiao, Chun-Sheng Li, Xiao-Chen Deng (2011) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **27**,1417

Formula: (C₃₄ H₂₆ Cu₂ N₄ O₁₂)_n

Compound Name: catena-(bis(μ₄-benzene-1,3,5-tricarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-copper)

Space Group: Pbcn **Cell:** a 14.363(0) b 14.772(1) c 15.435(1)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 2.90 **Temperature(K):** 293 **Density(g/cm³):** 1.642



UYEWIF

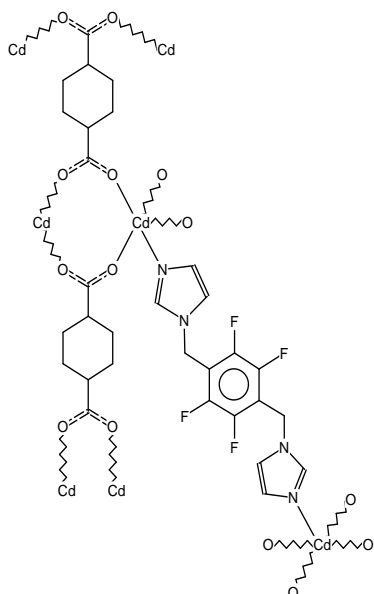
Reference: Hong-Yu Xia, Xiao-Chun Zha, Guang-Xiang Liu, Yan Wang, Xiao-Ming Ren (2011) *Wuji Huaxue Xuebao(Chin.)(Chin.J.Inorg.Chem.)*, **27**,1441

Formula: (C₃₀ H₃₀ Cd₂ F₄ N₄ O₈)_n

Compound Name: catena-(bis(μ₄-Cyclohexane-1,4-dicarboxylato)-(μ₂-1,1'-(2,3,5,6-tetrafluoro-1,4-phenylene))bis(methylene))bis(1H-imidazole))-di-cadmium

Space Group: P-1 **Cell:** a 8.805(1) b 8.883(1) c 10.917(2)
Space Group No.: 2 **(Å, °)** α 97.35(0) β 95.69(0) γ 105.50(0)

R-Factor (%): 2.56 **Temperature(K):** 293 **Density(g/cm³):** 1.799



UYOHOG

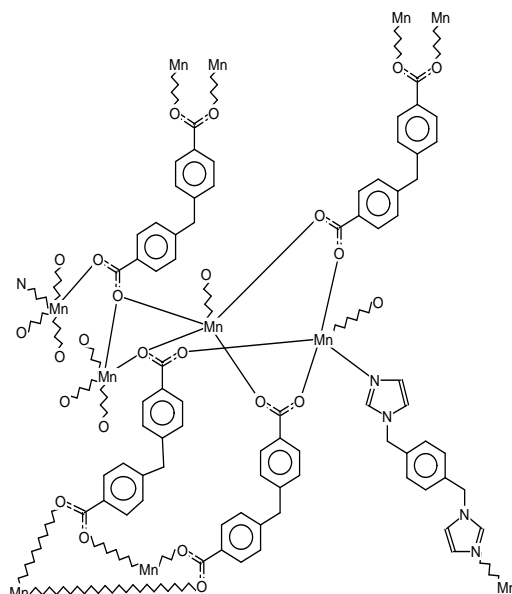
Reference: Guang-Xiang Liu, Xiao-Chun Zha, Xin-Long Li, Chun-You Zhang, Yan Wang, S.Nishihara, Xiao-Ming Ren (2011) *Inorg.Chem.Commun.*, **14**,867

Formula: (C₇₄ H₅₄ Mn₄ N₄ O₁₆)_n

Compound Name: catena-(bis(μ₅-4,4'-Methylenedibenzoato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tetra-manganese)

Space Group: P-1 **Cell:** a 12.370(1) b 12.401(1) c 13.092(1)
Space Group No.: 2 **(Å, °)** α 108.23(0) β 98.10(0) γ 117.60(0)

R-Factor (%): 4.85 **Temperature(K):** 293 **Density(g/cm³):** 1.541



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 461-464

UYULIK

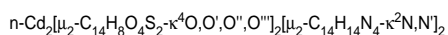
Reference: Jianghua Yu, Rong Yao, Limin Yuan, Bin Xu, Botao Qu, Wenlong Liu (2011) *Inorg.Chim.Acta* ,**376**,222

Formula: (C₅₆ H₄₄ Cd₂ N₈ O₈ S₄)_n.3n(C₃ H₇ N₁ O₁)

Compound Name: catena-(bis(μ₂-2,2'-Disulfanediyldibenzoato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cadmium(ii) N,N-dimethylformamide solvate)

Space Group: C2/c **Cell:** **a** 31.263(3) **b** 12.075(1) **c** 18.942(1)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 105.92(0) **γ** 90.00

R-Factor (%): 4.11 **Temperature(K):** 296 **Density(g/cm³):** 1.477



UZIMIA

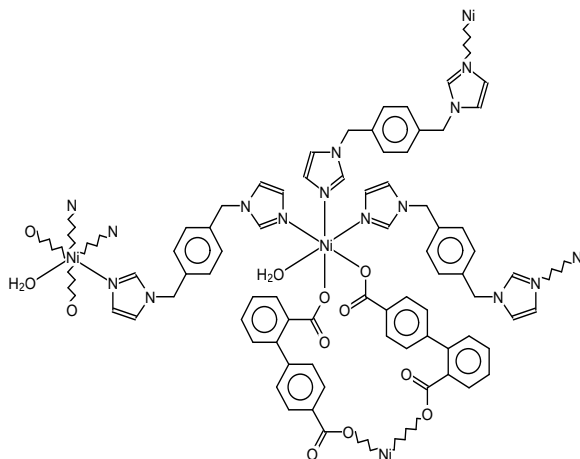
Reference: Lin Heng Wei, Zi-Liang Wang, Ming-Xue Li (2011) *Z.Naturforsch.,B:Chem.Sci.* ,**66**,681

Formula: (C₇₀ H₆₂ N₁₂ Ni₂ O₁₀)_n

Compound Name: catena-[bis(μ₂-Biphenyl-2,4'-dicarboxylato-O,O')-tris(μ₂-1,4-bis(1H-imidazol-1-ylmethyl)benzene-N³,N³)-diaqua-di-nickel(ii)]

Space Group: P21/c **Cell:** **a** 13.559(2) **b** 23.860(3) **c** 10.027(2)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 91.55(2) **γ** 90.00

R-Factor (%): 5.29 **Temperature(K):** 298 **Density(g/cm³):** 1.381



VADWON

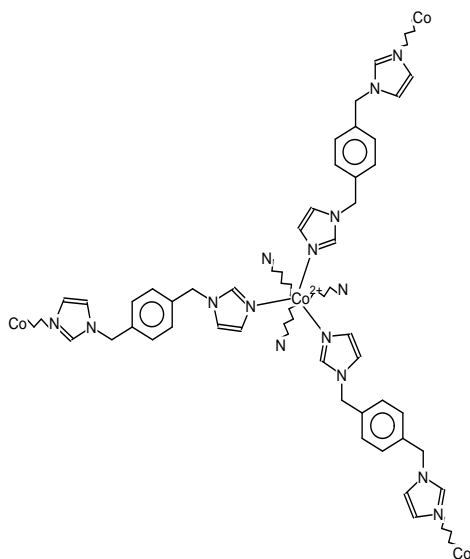
Reference: Qihua Zhao, Haifang Li, Xiaofeng Wang, Zhida Chen (2002) *Chem.Lett.* ,988

Formula: (C₄₂ H₄₂ Co₁ N₁₂ O₁₂)_n.2n(H₂O).n(C₁ H₄ O₁).3n(H₂O)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazolylmethyl)benzene)-cobalt(ii) dihydroxide methanol solvate trihydrate)

Space Group: C2/c **Cell:** **a** 9.334(2) **b** 25.458(5) **c** 19.822(4)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 99.86(3) **γ** 90.00

R-Factor (%): 6.02 **Temperature(K):** 293 **Density(g/cm³):** 1.279



VEDWEI

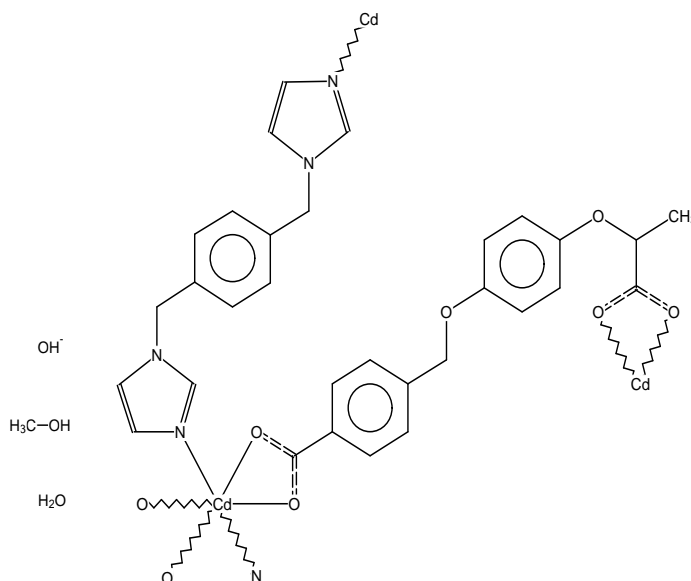
Reference: Wei-Wei He, Jin Yang, Yan Yang, Ying-Ying Liu, Jian-Fang Ma (2012) *Dalton Trans.* ,41,9737

Formula: (C₃₁ H₂₈ Cd₁ N₄ O₆)_n

Compound Name: catena-[(μ₂-(R)-2-(4'-(4''-carboxylatobenzyloxy)phenoxy)propanoato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-cadmium]

Space Group: P212121 **Cell:** **a** 7.279(0) **b** 16.882(0) **c** 23.550(0)
Space Group No.: 19 **(Å, °)** **α** 90.00 **β** 90.00 **γ** 90.00

R-Factor (%): 3.67 **Temperature(K):** 293 **Density(g/cm³):** 1.526



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 465-468

VERFUU

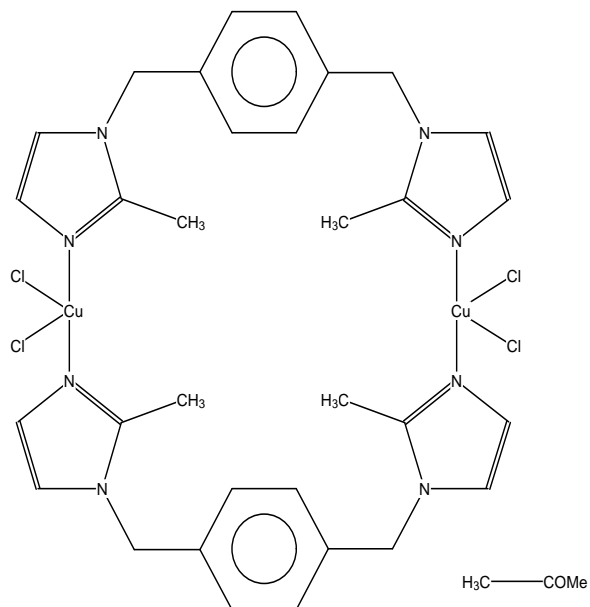
Reference: L.Dobrzanska, G.O.Lloyd, C.Esterhuysen, L.J.Barbour (2006) *Angew.Chem.,Int.Ed.* ,45,5856

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈,2(C₃ H₆ O₁)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(acetone) clathrate

Space Group: P21/c **Cell:** a 8.730(1) b 13.374(2) c 17.707(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.96(0) γ 90.00

R-Factor (%): 5.21 **Temperature(K):** 100 **Density(g/cm³):** 1.482



VERFUU01

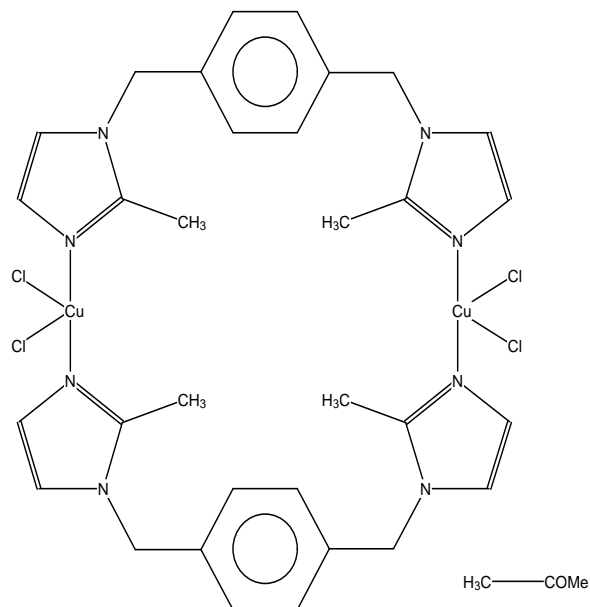
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007) *New J.Chem.* ,31,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈,2(C₃ H₆ O₁)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(acetone) clathrate

Space Group: P21/c **Cell:** a 8.730(1) b 13.374(2) c 17.707(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.96(0) γ 90.00

R-Factor (%): 5.21 **Temperature(K):** 100 **Density(g/cm³):** 1.482



VERGAB

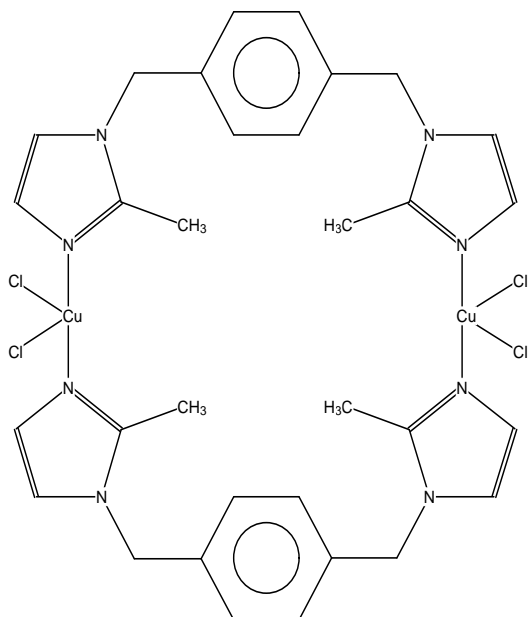
Reference: L.Dobrzanska, G.O.Lloyd, C.Esterhuysen, L.J.Barbour (2006) *Angew.Chem.,Int.Ed.* ,45,5856

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper

Space Group: P21/c **Cell:** a 8.045(3) b 13.770(6) c 15.419(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.02(0) γ 90.00

R-Factor (%): 9.99 **Temperature(K):** 295 **Density(g/cm³):** 1.565



VERGEF

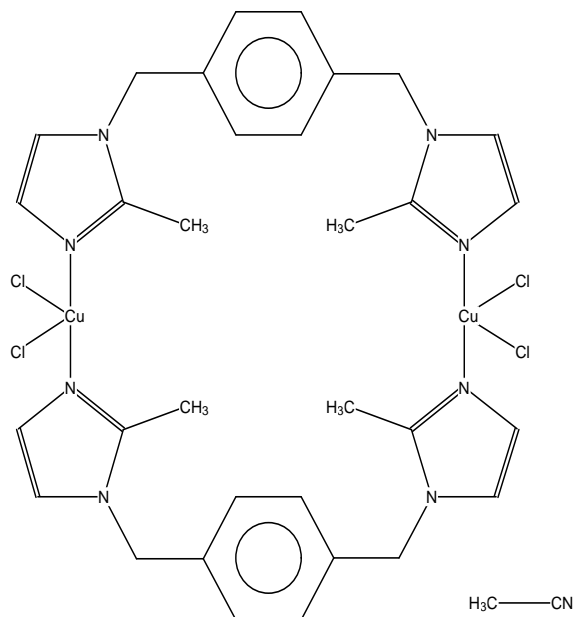
Reference: L.Dobrzanska, G.O.Lloyd, C.Esterhuysen, L.J.Barbour (2006) *Angew.Chem.,Int.Ed.* ,45,5856

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈,2(C₂ H₃ N₁)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(acetonitrile) clathrate

Space Group: P21/c **Cell:** a 8.590(2) b 12.854(3) c 18.163(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.60(0) γ 90.00

R-Factor (%): 10.44 **Temperature(K):** 100 **Density(g/cm³):** 1.464



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 469-472

VERGEF01

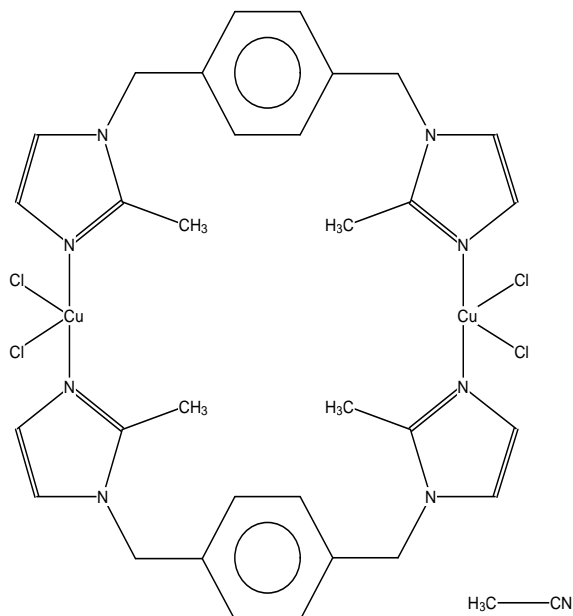
Reference: L.Dobrzanska, G.O.Lloyd, L.J.Barbour (2007) *New J.Chem.* ,31,669

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈·2(C₂ H₃ N₁)

Compound Name: bis(μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper bis(acetonitrile) clathrate

Space Group: P21/c **Cell:** a 8.590(2) b 12.854(3) c 18.163(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.60(0) γ 90.00

R-Factor (%): 10.44 **Temperature(K):** 100 **Density(g/cm³):** 1.464



VERGIJ

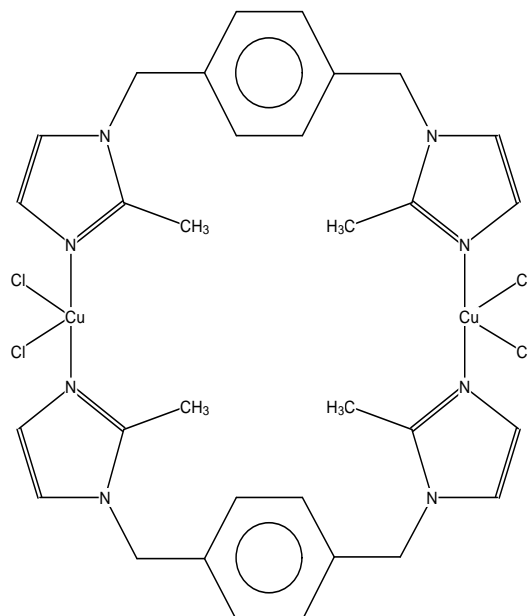
Reference: L.Dobrzanska, G.O.Lloyd, C.Esterhuysen, L.J.Barbour (2006) *Angew.Chem.,Int.Ed.* ,45,5856

Formula: C₃₂ H₃₆ Cl₄ Cu₂ N₈

Compound Name: (μ₂-1,4-bis((2-Methylimidazol-1-yl)methyl)benzene)-tetrachloro-dicopper

Space Group: P21/c **Cell:** a 8.649(3) b 39.167(12) c 17.566(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.33(0) γ 90.00

R-Factor (%): 14.34 **Temperature(K):** 100 **Density(g/cm³):** 1.343



VEWQOF

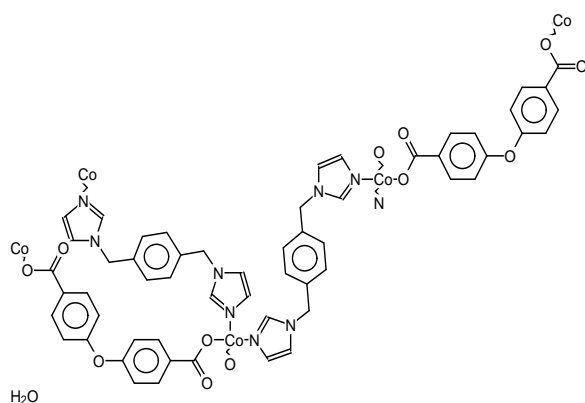
Reference: Bi-Feng Huang, Hong-Ping Xiao, Hui Huang, Xin-Hua Li, Jia-Guo Wang, A.Morsali (2013) *J.Coord.Chem.* ,66,904

Formula: (C₅₆ H₄₄ Co₂ N₈ O₁₀)n·3n(H₂ O₁)

Compound Name: catena-((μ₂-4,4'-Oxydibenzoato-O,O')-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt trihydrate)

Space Group: C2/c **Cell:** a 33.200(3) b 11.387(1) c 17.724(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 120.30(0) γ 90.00

R-Factor (%): 8.30 **Temperature(K):** 298 **Density(g/cm³):** 1.333



VEWQUL

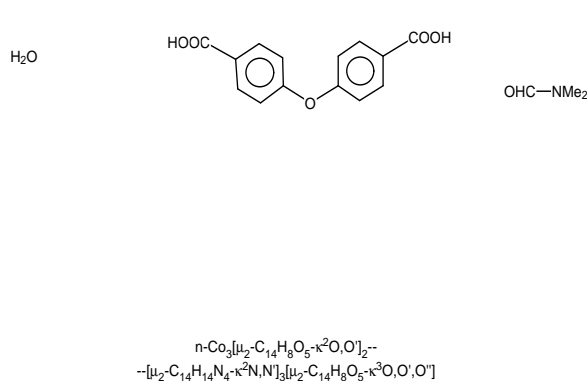
Reference: Bi-Feng Huang, Hong-Ping Xiao, Hui Huang, Xin-Hua Li, Jia-Guo Wang, A.Morsali (2013) *J.Coord.Chem.* ,66,904

Formula: (C₈₄ H₆₆ Co₃ N₁₂ O₁₅)n·n(C₁₄ H₁₀ O₅)·1.5n(C₃ H₇ N₁ O₁)·5.5n(H₂ O₁)

Compound Name: catena-((μ₂-4,4'-Oxydibenzoato-O,O')-bis(μ₂-4,4'-oxydibenzoato-O,O')-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-cobalt 4,4'-oxydibenzoic acid dimethylformamide solvate hydrate)

Space Group: P-1 **Cell:** a 13.323(1) b 20.788(2) c 22.187(3)
Space Group No.: 2 **(Å, °)** α 113.58(0) β 105.26(0) γ 97.17(0)

R-Factor (%): 6.73 **Temperature(K):** 298 **Density(g/cm³):** 1.347



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VIGNEG

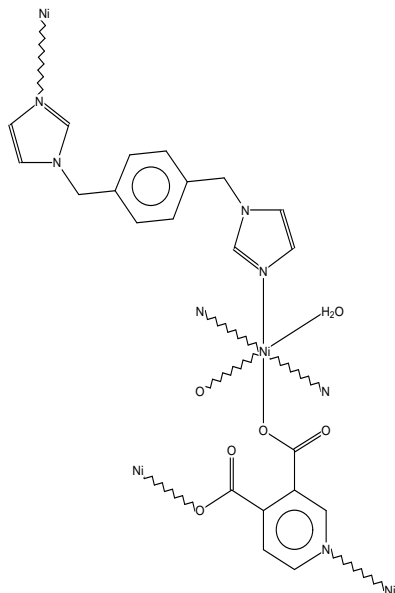
Reference: Qing-Wei Wang, Jia Guo, Ting-Feng Lu, Xiu-Mei Li, Bo Liu, Zhi-Tao Wang (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **31**, 1575

Formula: (C₂₁H₁₉N₅Ni₁O₅)_n

Compound Name: catena-[μ₃-pyridine-3,4-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-aqua-nickel]

Space Group: P-1 **Cell:** a 9.185(0) b 9.207(0) c 12.931(1)
Space Group No.: 2 **(Å, °)** α 103.31(0) β 104.72(0) γ 90.59(0)

R-Factor (%): 3.25 **Temperature(K):** 292 **Density(g/cm³):** 1.553



VIRRUL

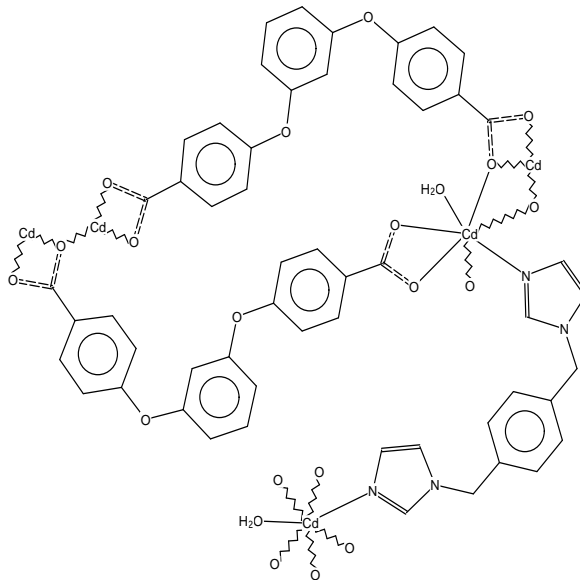
Reference: Xianmin Guo, Huadong Guo, Hengye Zou, Yanjuan Qi, Ruizhan Chen (2013) *CrystEngComm*, **15**, 9112

Formula: (C₅₄H₄₂Cd₂N₄O₁₄)_n

Compound Name: catena-[bis(μ₃-4,4'-(1,3-phenylenebis(oxy))dibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-cadmium]

Space Group: P-1 **Cell:** a 10.945(0) b 15.253(1) c 16.094(1)
Space Group No.: 2 **(Å, °)** α 102.79(0) β 105.42(0) γ 99.03(0)

R-Factor (%): 2.83 **Temperature(K):** 293 **Density(g/cm³):** 1.615



VIWJAO

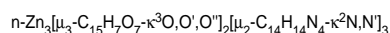
Reference: Wei Yang, Chiming Wang, Qi Ma, Xuenan Feng, Hailong Wang, Jianzhuang Jiang (2013) *Cryst.Growth Des.*, **13**, 4695

Formula: (C₇₂H₅₆N₁₂O₁₄Zn₃)_n·7(H₂O)₁

Compound Name: catena-[bis(μ₃-3-(2-carboxylatophenoxy)phthalato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-zinc heptahydrate]

Space Group: P-1 **Cell:** a 10.568(0) b 13.799(0) c 25.551(0)
Space Group No.: 2 **(Å, °)** α 94.48(0) β 97.52(0) γ 98.65(0)

R-Factor (%): 5.41 **Temperature(K):** 293 **Density(g/cm³):** 1.495



VIWJES

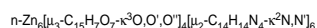
Reference: Wei Yang, Chiming Wang, Qi Ma, Xuenan Feng, Hailong Wang, Jianzhuang Jiang (2013) *Cryst.Growth Des.*, **13**, 4695

Formula: (C₁₄₄H₁₁₂N₂₄O₂₈Zn₆)_n·6n(H₂O)₁

Compound Name: catena-[tetrakis(μ₃-4-(2-carboxylatophenoxy)phthalato)-hexakis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-hexa-zinc hexahydrate]

Space Group: P-1 **Cell:** a 12.668(0) b 13.725(0) c 21.232(1)
Space Group No.: 2 **(Å, °)** α 87.68(0) β 80.02(0) γ 75.33(0)

R-Factor (%): 5.42 **Temperature(K):** 293 **Density(g/cm³):** 1.476



H₂O

H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 477-480

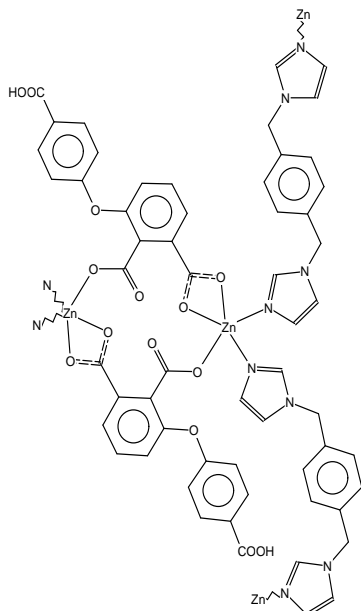
VIWJIW

Reference: Wei Yang, Chiming Wang, Qi Ma, Xuenan Feng, Hailong Wang, Jianzhuang Jiang (2013) *Cryst. Growth Des.*, 13,4695

Formula: (C₅₈H₄₄N₈O₁₄Zn₂)_n

Compound Name: catena-[bis(μ₂-3-(4-Carboxyphenoxy)phthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc]

Space Group: P-1 **Cell:** a 9.185(0) b 9.767(0) c 16.344(0)
Space Group No.: 2 **(Å, °)** α 75.31(0) β 77.80(0) γ 66.40(0)
R-Factor (%): 3.35 **Temperature(K):** 293 **Density(g/cm³):** 1.555



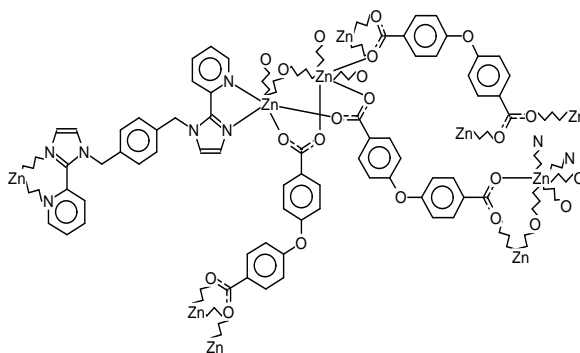
VONBUW

Reference: Ya-Qian Lan, Shun-Li Li, Yao-Mei Fu, Yan-Hong Xu, Lu Li, Zhong-Min Su, Qiang Fu (2008) *Dalton Trans.*, 6796

Formula: (C₆₆H₄₄N₆O₁₅Zn₃)_n

Compound Name: catena-(bis(μ₄-4,4'-Oxy-dibenzoato-O,O',O'',O''')-(μ₄-4,4'-oxy-dibenzoato-O,O',O'',O''')-(μ₂-1,4-bis(2-(2-pyridyl)imidazol-1-ylmethyl)benzene-N,N',N'',N''')-tri-zinc(ii))

Space Group: C2/c **Cell:** a 14.304(0) b 17.470(0) c 25.636(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 94.07(0) γ 90.00
R-Factor (%): 3.99 **Temperature(K):** 293 **Density(g/cm³):** 1.411



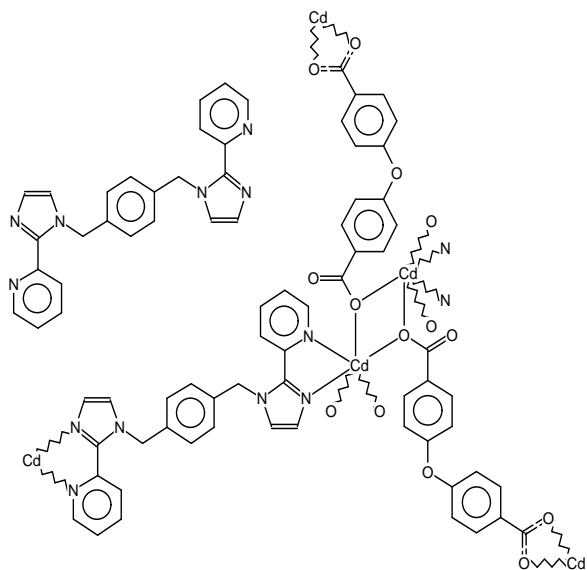
VONCAD

Reference: Ya-Qian Lan, Shun-Li Li, Yao-Mei Fu, Yan-Hong Xu, Lu Li, Zhong-Min Su, Qiang Fu (2008) *Dalton Trans.*, 6796

Formula: (C₅₂H₃₆Cd₂N₆O₁₀)_n.n(C₂₄H₂₀N₆)

Compound Name: catena-(bis(μ₃-4,4'-Oxy-dibenzoato-O,O',O''')-(μ₂-1,4-bis(2-(2-pyridyl)imidazol-1-ylmethyl)benzene-N,N',N'',N''')-di-cadmium(ii) 1,4-bis(2-(2-pyridyl)imidazol-1-ylmethyl)benzene)

Space Group: P-1 **Cell:** a 9.695(1) b 12.460(1) c 15.140(1)
Space Group No.: 2 **(Å, °)** α 111.06(0) β 96.60(0) γ 101.13(0)
R-Factor (%): 6.06 **Temperature(K):** 293 **Density(g/cm³):** 1.541



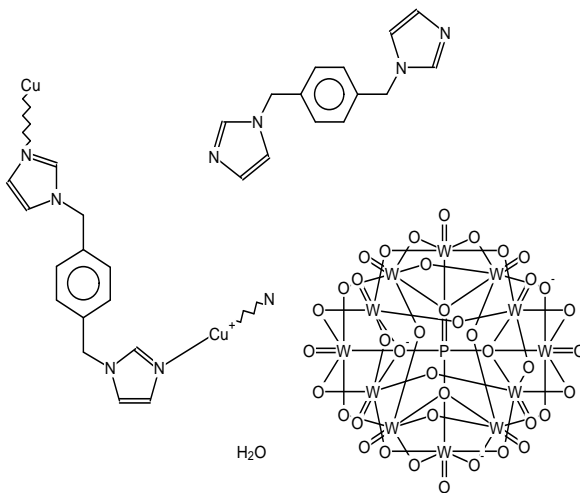
VUHFAQ

Reference: Peng-Peng Zhang, Jun Peng, Jing-Quan Sha, Ai-Xiang Tian, Hai-Jun Pang, Yuan Chen, Min Zhu (2009) *CrystEngComm*, 11,902

Formula: (C₁₄H₁₄Cu₁N₄¹⁺)_{3n}.n(O₄₀P₁W₁₂³⁻).n(C₁₄H₁₄N₄)_{4n}(H₂O)₁

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-copper(i)) (μ₁₂-phosphato)-tetracosakis(μ₂-oxo)-dodecaoxo-dodeca-tungsten(vi) 1,4-bis(imidazol-1-ylmethyl)benzene tetrahydrate

Space Group: P-1 **Cell:** a 13.264(3) b 13.611(3) c 14.666(3)
Space Group No.: 2 **(Å, °)** α 109.40(3) β 116.56(3) γ 98.51(3)
R-Factor (%): 5.06 **Temperature(K):** 293 **Density(g/cm³):** 3.250



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 481-484

VUHFEK

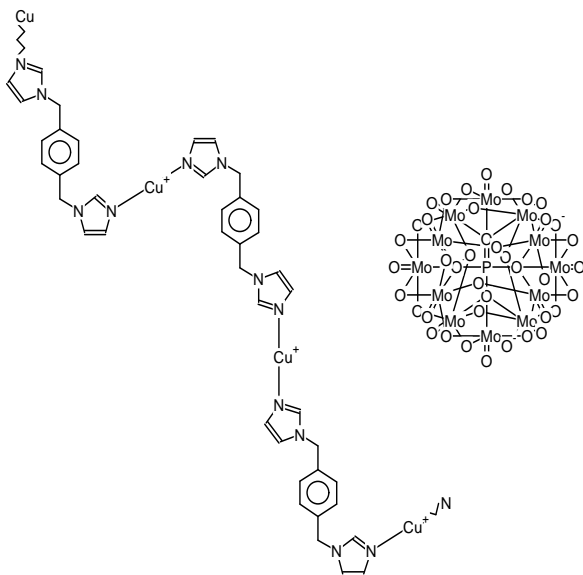
Reference: Peng-Peng Zhang, Jun Peng, Jing-Quan Sha, Ai-Xiang Tian, Hai-Jun Pang, Yuan Chen, Min Zhu (2009) *CrystEngComm*, 11, 902

Formula: (C₄₂ H₄₂ Cu₃ N₁₂ 3⁺)_n.n(Mo₁₂ O₄₀ P₁ 3⁻)

Compound Name: catena-(tris(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-tri-copper(I) (μ₁,2'-phosphato)-tetracosakis(μ₂-oxo)-dodecaoxo-dodeca-molybdenum(VI))

Space Group: P-1 **Cell:** a 11.034(1) b 12.671(1) c 13.178(1)
Space Group No.: 2 **(Å, °)** α 104.68(0) β 97.19(0) γ 100.50(0)

R-Factor (%): 4.59 **Temperature(K):** 296 **Density(g/cm³):** 2.628



WAFNEY

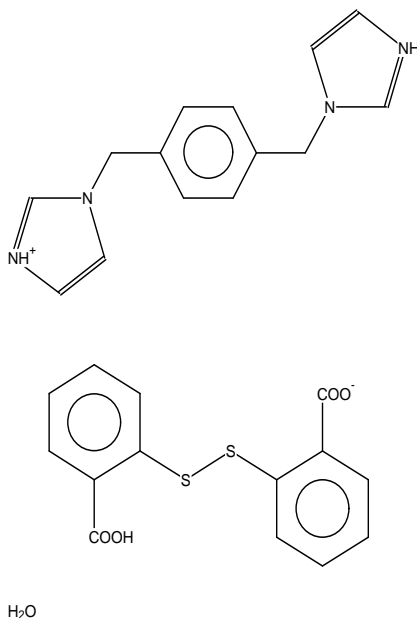
Reference: Zhengming Liu, Qiang Liu, Limin Yuan, Wenlong Liu (2010) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, 66, o3230

Formula: C₁₄ H₁₆ N₄ 2⁺.2(C₁₄ H₉ O₄ S₂ 1⁻).2(H₂ O)

Compound Name: 1,1'-(p-Phenylenedimethylidene)diimidazol-3-ium bis[2-[(2-carboxyphenyl)disulfanyl]benzoate] dihydrate

Space Group: P-1 **Cell:** a 4.678(1) b 12.201(3) c 18.850(4)
Space Group No.: 2 **(Å, °)** α 107.99(0) β 90.69(0) γ 100.63(0)

R-Factor (%): 4.36 **Temperature(K):** 296 **Density(g/cm³):** 1.469



WAPBEW

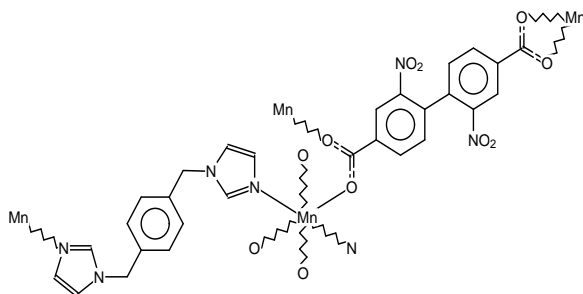
Reference: Baiyan Li, Fen Yang, Yiming Zhang, Guanghua Li, Qi Zhou, Jia Hua, Zhan Shi, Shouhua Feng (2012) *Dalton Trans.*, 41, 2677

Formula: (C₂₈ H₂₀ Mn₁ N₆ O₈)_n

Compound Name: catena-((μ₃-2,2'-dinitrophenyl-4,4'-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-manganese)

Space Group: C2/c **Cell:** a 15.259(3) b 13.521(3) c 27.133(5)
Space Group No.: 15 **(Å, °)** α 90.00 β 99.08(3) γ 90.00

R-Factor (%): 6.46 **Temperature(K):** 293 **Density(g/cm³):** 1.498



WAPBIA

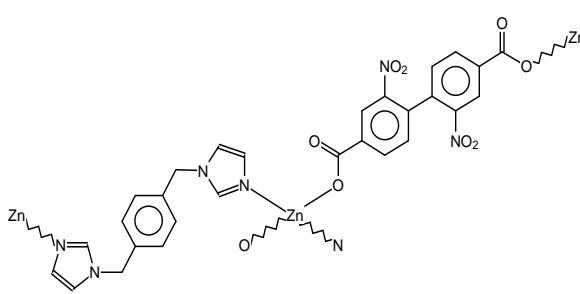
Reference: Baiyan Li, Fen Yang, Yiming Zhang, Guanghua Li, Qi Zhou, Jia Hua, Zhan Shi, Shouhua Feng (2012) *Dalton Trans.*, 41, 2677

Formula: (C₂₈ H₂₀ N₆ O₈ Zn₁)_n

Compound Name: catena-((μ₂-2,2'-dinitrophenyl-4,4'-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc)

Space Group: Pbca **Cell:** a 17.549(3) b 12.607(3) c 24.921(5)
Space Group No.: 61 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.91 **Temperature(K):** 293 **Density(g/cm³):** 1.527



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 485-488

WAPBOG

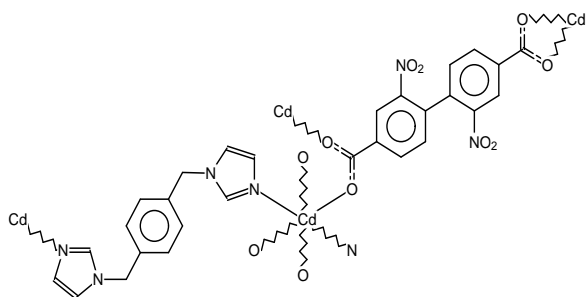
Reference: Baiyan Li, Fen Yang, Yiming Zhang, Guanghua Li, Qi Zhou, Jia Hua, Zhan Shi, Shouhua Feng (2012) *Dalton Trans.* , **41**, 2677

Formula: (C₂₈ H₂₀ Cd₁ N₆ O₈)_n

Compound Name: catena-((μ₃-2,2'-dinitrophenyl-4,4'-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cadmium)

Space Group: C2/c **Cell:** **a** 15.197(3) **b** 13.474(3) **c** 27.769(6)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 99.51(3) **γ** 90.00

R-Factor (%): 6.31 **Temperature(K):** 293 **Density(g/cm³):** 1.613



WENQIQ

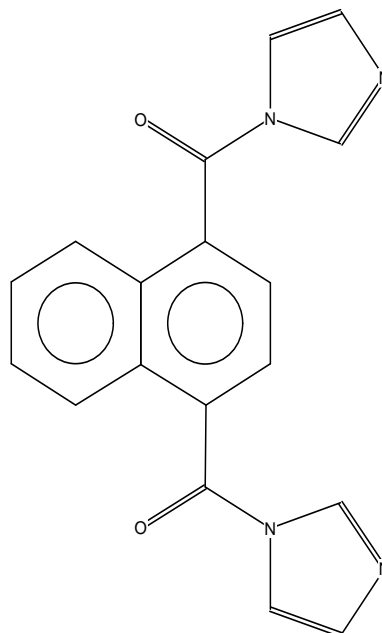
Reference: Lin-Hai Jing, Shao-Jin Gu, Huan-Xia Zhang (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* , **62**, o4306

Formula: C₁₈ H₁₂ N₄ O₂

Compound Name: 1,1'-(Naphthalene-1,4-diyl)bis(1H-imidazole)

Space Group: P-1 **Cell:** **a** 7.801(0) **b** 8.189(0) **c** 11.980(0)
Space Group No.: 2 **(Å, °)** **α** 75.90(0) **β** 77.42(0) **γ** 84.74(0)

R-Factor (%): 3.58 **Temperature(K):** 153 **Density(g/cm³):** 1.451



WEXHUE

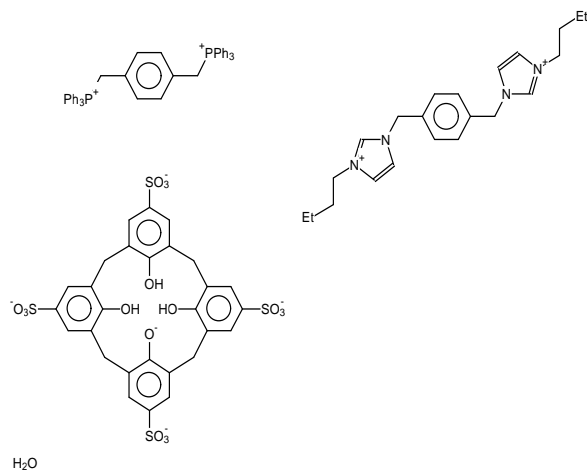
Reference: Irene Ling, Y. Alias, A.N.Sobolev, L.T.Byrne, C.L.Raston (2011) *CrystEngComm* , **13**, 787

Formula: 4(C₄₄ H₃₈ P₂ 2⁺).2(C₂₈ H₁₉ O₁₆ S₄ 5⁻).C₂₂ H₃₂ N₄ 2⁺.32(H₂ O₁)

Compound Name: tetrakis(1,4-bis(Triphenylphosphoniomethyl)benzene) 1,4-bis((3-n-butylimidazol-3-ium-1-yl)methyl)benzene bis(25,26,27-trihydroxy-28-oxycalix(4)arene-5,11,17,23-tetrasulfonate) dotriacontahydrate

Space Group: P21/c **Cell:** **a** 14.795(0) **b** 43.785(2) **c** 18.951(1)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 100.17(0) **γ** 90.00

R-Factor (%): 11.52 **Temperature(K):** 100 **Density(g/cm³):** 1.353



WIPCIJ

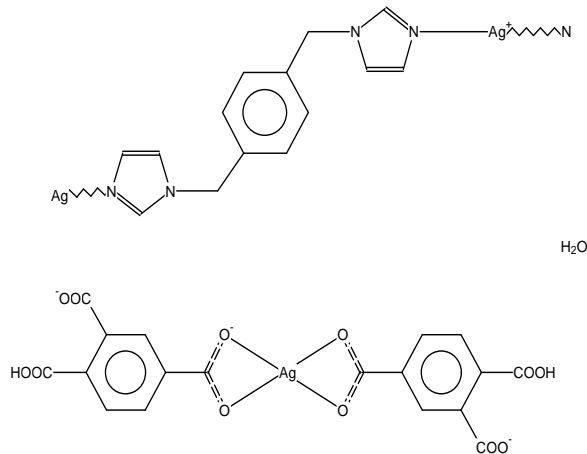
Reference: Xian-Ying Duan, Jing Yao, Chang-Sheng Lu, Qing-Jin Meng (2013) *J.Solid State Chem.* , **200**, 197

Formula: (C₁₄ H₁₄ Ag₁ N₄ 1⁺)_{3n}.n(C₁₈ H₈ Ag₁ O₁₂ 3⁻).2n(H₂ O₁)

Compound Name: catena-[tris((μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-silver(i)) bis(4-carboxybenzene-1,3-dicarboxylato)-silver(i) dihydrate]

Space Group: P-1 **Cell:** **a** 9.965(1) **b** 10.555(1) **c** 14.521(2)
Space Group No.: 2 **(Å, °)** **α** 85.11(0) **β** 77.18(0) **γ** 74.56(0)

R-Factor (%): 5.20 **Temperature(K):** 293 **Density(g/cm³):** 1.850



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 489-492

WIRCEH

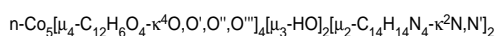
Reference: Dong-Sheng Li, Jun Zhao, Ya-Pan Wu, Bin Liu, Liang Bai, Kun Zou, Miao Du (2013) *Inorg.Chem.* ,52,8091

Formula: (C₇₆ H₅₄ Co₅ N₈ O₁₈)_n

Compound Name: catena-(tetrakis(μ₄-Naphthalene-1,4-dicarboxylato)-bis(μ₃-hydroxo)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-penta-cobalt)

Space Group: P2₁/c **Cell:** a 15.440(7) b 15.677(6) c 16.500(10)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 117.83(0) γ 90.00

R-Factor (%): 5.61 **Temperature(K):** 296 **Density(g/cm³):** 1.563



WIVHUF

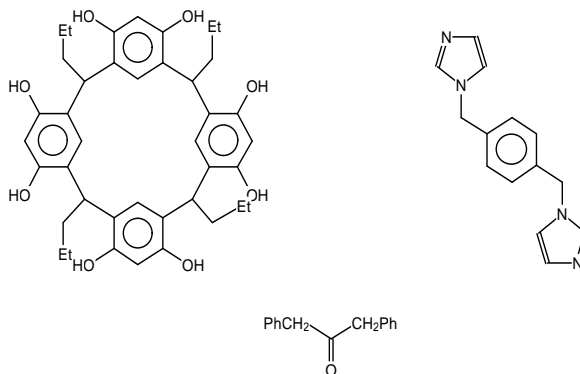
Reference: Jing Zhang, M.Gembicky, M.Messerschmidt, P.Coppens (2007) *Chem.Commun.* ,2399

Formula: C₁₅ H₁₄ O₁ · C₁₄ H₁₄ N₄ · 0.5(C₄₀ H₄₈ O₈)

Compound Name: 1,4-bis(imidazol-1-ylmethyl)benzene dibenzyl ketone hemikis(2,8,14,20-tetrapropylpentacyclo[19.3.1.1^{3,7}.1^{9,13}.1^{15,19}]octacosane-1(25),3(28),4,6,9(27),10,12,15(26),16,18,21,23-dodecaene-4,6,10,12,16,18,22,24-octol)

Space Group: P-1 **Cell:** a 15.235(4) b 17.000(4) c 17.087(4)
Space Group No.: 2 **Cell:** (Å, °) α 92.35(0) β 97.74(0) γ 109.34(0)

R-Factor (%): 7.09 **Temperature(K):** 90 **Density(g/cm³):** 1.253



WIYXAF

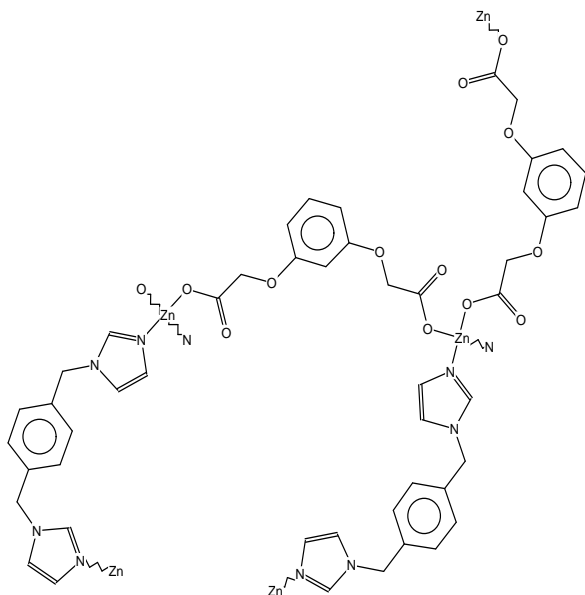
Reference: Jun Zhao, Dong-Sheng Li, Yapan Wu, Wen-Wen Dong, Liang Bai, Kun Zou (2014) *Inorg.Chim.Acta* ,413,6

Formula: (C₄₈ H₄₄ N₈ O₁₂ Zn₂)_n

Compound Name: catena-[bis(μ₂-2,2'-(1,3-Phenylenebis(oxy))diacetato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc]

Space Group: C2/c **Cell:** a 20.728(4) b 13.207(2) c 16.843(3)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 106.30(0) γ 90.00

R-Factor (%): 3.31 **Temperature(K):** 296 **Density(g/cm³):** 1.584



WIYXIN

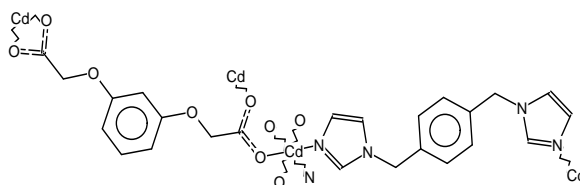
Reference: Jun Zhao, Dong-Sheng Li, Yapan Wu, Wen-Wen Dong, Liang Bai, Kun Zou (2014) *Inorg.Chim.Acta* ,413,6

Formula: (C₂₄ H₂₂ Cd₁ N₄ O₆)_n

Compound Name: catena-[μ₃-2,2'-(1,3-Phenylenebis(oxy))diacetato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cadmium]

Space Group: P-1 **Cell:** a 10.035(0) b 10.943(0) c 12.102(1)
Space Group No.: 2 **Cell:** (Å, °) α 67.63(0) β 78.02(0) γ 79.47(0)

R-Factor (%): 6.82 **Temperature(K):** 296 **Density(g/cm³):** 1.599



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 493-496

WIYXOT

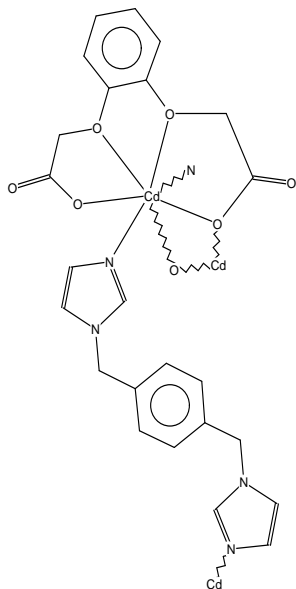
Reference: Jun Zhao, Dong-Sheng Li, Yapan Wu, Wen-Wen Dong, Liang Bai, Kun Zou (2014) *Inorg.Chim.Acta* ,413,6

Formula: (C₂₄H₂₂Cd₁N₄O₈)_n·3n(H₂O)₄

Compound Name: catena-[(μ₂-2,2'-(1,2-Phenylenebis(oxy))diacetato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cadmium trihydrate]

Space Group: P-1 **Cell:** **a** 9.605(2) **b** 12.262(3) **c** 12.708(3)
Space Group No.: 2 **(Å, °)** **α** 66.92(0) **β** 72.17(0) **γ** 84.09(0)

R-Factor (%): 2.28 **Temperature(K):** 296 **Density(g/cm³):** 1.594



H₂O

WUTGUO

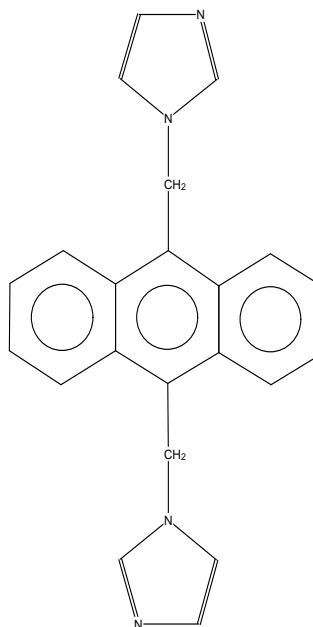
Reference: H.Motegi, Liangming Hu, C.Sleboznick, B.E.Hanson (2010) *Microporous and Mesoporous Materials* ,129,360

Formula: C₂₂H₁₈N₄

Compound Name: 9,10-bis(imidazol-1-ylmethyl)anthracene

Space Group: P21/n **Cell:** **a** 4.467(3) **b** 18.042(9) **c** 10.283(5)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 91.24(6) **γ** 90.00

R-Factor (%): 5.36 **Temperature(K):** 100 **Density(g/cm³):** 1.356



WUTGUO01

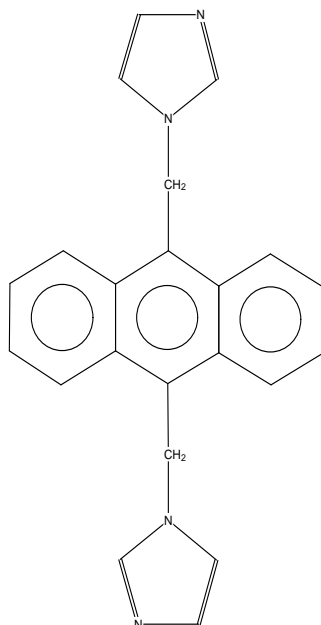
Reference: Wei-Qiu Kan, Jin Yang, Ying-Ying Liu, Jian-Fang Ma (2011) *Polyhedron* ,30,2106

Formula: C₂₂H₁₈N₄

Compound Name: 1,1'-(Anthracene-9,10-diylbis(methylene))bis(1H-imidazole)

Space Group: P21/n **Cell:** **a** 4.563(5) **b** 17.966(5) **c** 10.262(5)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 91.54(0) **γ** 90.00

R-Factor (%): 4.86 **Temperature(K):** 293 **Density(g/cm³):** 1.336



WUTHAV

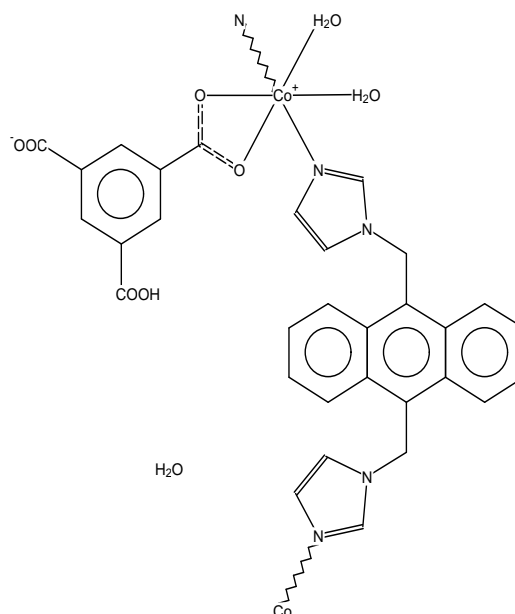
Reference: H.Motegi, Liangming Hu, C.Sleboznick, B.E.Hanson (2010) *Microporous and Mesoporous Materials* ,129,360

Formula: (C₃₁H₂₆Co₁N₄O₉)_n·n(H₂O)₄

Compound Name: catena-[(μ₂-9,10-bis(imidazol-1-ylmethyl)anthracene)-diaqua-(5-carboxybenzene-1,3-dicarboxylate)-cobalt(ii) monohydrate]

Space Group: P21/n **Cell:** **a** 14.130(0) **b** 12.252(0) **c** 17.092(0)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 105.29(0) **γ** 90.00

R-Factor (%): 2.99 **Temperature(K):** 100 **Density(g/cm³):** 1.535



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 497-500

WUTHEZ

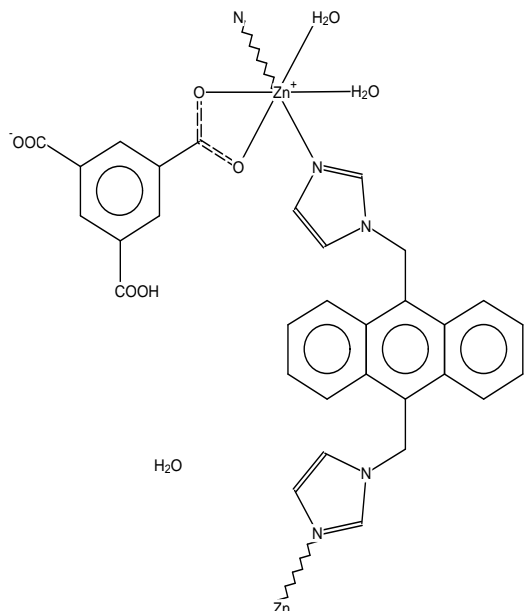
Reference: H.Motegi, Liangming Hu, C.Sleboznick, B.E.Hanson (2010) *Microporous and Mesoporous Materials*, **129**,360

Formula: (C₃₁ H₂₆ N₄ O₈ Zn₁)_n·n(H₂O)

Compound Name: catena-((μ₂-9,10-bis(imidazol-1-ylmethyl)anthracene)-diaqua-(5-carboxybenzene-1,3-dicarboxylate)-zinc(ii) monohydrate)

Space Group: P2₁/n **Cell:** a 14.223(4) b 12.201(3) c 17.077(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 105.72(3) γ 90.00

R-Factor (%): 4.35 **Temperature(K):** 100 **Density(g/cm³):** 1.551



WUVVEP

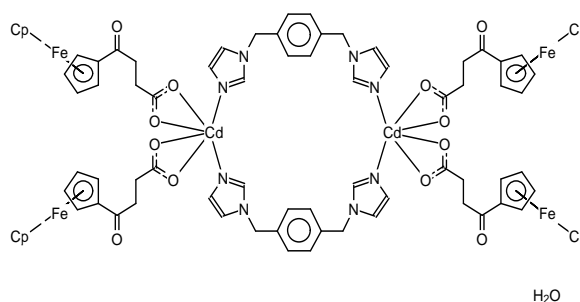
Reference: Jinpeng Li, Linke Li, Hongwei Hou, Yaoting Fan (2009) *J.Organomet.Chem.*, **694**,1359

Formula: C₈₄ H₈₀ Cd₂ Fe₄ N₈ O₁₂·H₂O

Compound Name: bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N³,N^{3'})-tetrakis(4-ferrocenyl-4-oxo-butanoato-O,O')-di-cadmium(ii) monohydrate

Space Group: P-1 **Cell:** a 13.130(3) b 13.239(3) c 14.456(3)
Space Group No.: 2 **(Å, °)** α 73.10(3) β 65.49(3) γ 61.92(3)

R-Factor (%): 5.36 **Temperature(K):** 293 **Density(g/cm³):** 1.542



XAWZIG

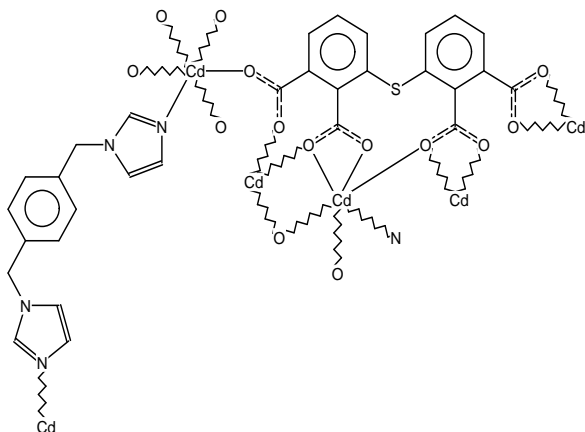
Reference: Jia-Bin Li, Xi-Yan Dong, Li-Hui Cao, Shuang-Quan Zang, T.C.W.Mak (2012) *CrystEngComm*, **14**,4444

Formula: (C₃₀ H₂₀ Cd₂ N₄ O₈ S₁)_n

Compound Name: catena-[(μ₅-3,3'-Sulfaneyldibenzene-1,2-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cadmium(ii)]

Space Group: P2₁/c **Cell:** a 11.418(2) b 14.628(3) c 20.288(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 120.49(2) γ 90.00

R-Factor (%): 7.69 **Temperature(K):** 296 **Density(g/cm³):** 1.868



XAXCEG

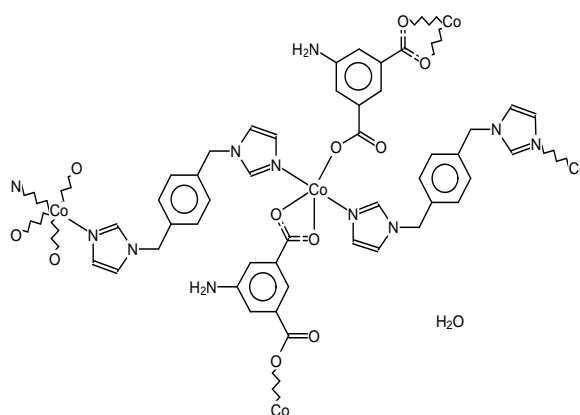
Reference: Fanghua Zhao, Shuai Jing, Yunxia Che, Jimin Zheng (2012) *CrystEngComm*, **14**,4478

Formula: (C₄₄ H₃₈ Co₂ N₁₀ O₈)_n·2n(H₂O)

Compound Name: catena-[bis(μ₂-5-Aminoisophthalato-O,O')-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole)-N,N')-di-cobalt(ii) dihydrate]

Space Group: P-1 **Cell:** a 10.195(2) b 10.242(5) c 12.011(2)
Space Group No.: 2 **(Å, °)** α 100.37(4) β 95.68(3) γ 115.82(2)

R-Factor (%): 7.42 **Temperature(K):** 113 **Density(g/cm³):** 1.509



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 501-504

XAXCIK

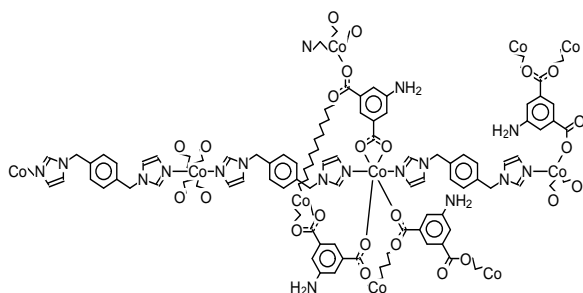
Reference: Fanghua Zhao, Shuai Jing, Yunxia Che, Jimin Zheng (2012) *CrystEngComm*, **14**,4478

Formula: (C₇₄ H₆₂ Co₄ N₁₆ O₁₆)_n

Compound Name: catena-[bis(μ₃-5-Aminoisophthalato-O,O':O'')-bis(μ₃-5-aminoisophthalato-O,O':O'')-tris(μ₂-1,1'-(1,4-phenylenebis(methylene)) bis(1H-imidazole)-N,N')-tetra-cobalt(ii)]

Space Group: P-1 **Cell:** a 10.763(0) b 11.193(0) c 15.558(0)
Space Group No.: 2 **(Å, °)** α 107.11(0) β 95.31(0) γ 99.16(0)

R-Factor (%): 3.37 **Temperature(K):** 296 **Density(g/cm³):** 1.583



XEBZAH

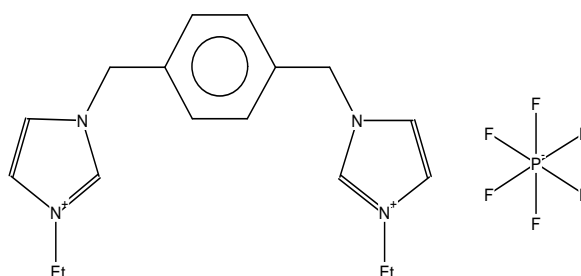
Reference: R.A.Haque, S.F.Nasri, M.M.Rosli, H.-K.Fun (2012) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **68**,o2280

Formula: C₁₈ H₂₄ N₄ 2⁺·2(F₆ P₁ 1⁻)

Compound Name: 3,3'-Diethyl-1,1'-(1,4-phenylenedimethylene)diimidazol-3-ium bis(hexafluorophosphate)

Space Group: P-1 **Cell:** a 8.544(0) b 8.602(0) c 9.563(0)
Space Group No.: 2 **(Å, °)** α 67.91(0) β 77.93(0) γ 67.84(0)

R-Factor (%): 5.29 **Temperature(K):** 297 **Density(g/cm³):** 1.619



XEKNIM

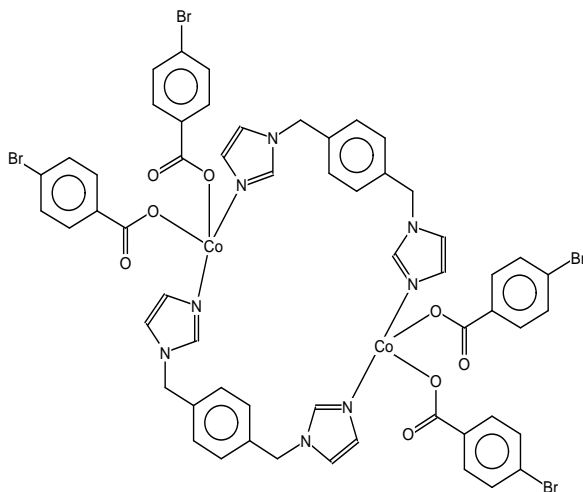
Reference: Lian-Li Liu, Jing-Jing Huang, Xiu-Li Wang, Guo-Cheng Liu, Song Yang, Hong-Yan Lin (2013) *Inorg.Chim.Acta*, **394**,715

Formula: C₅₆ H₄₄ Br₄ Co₂ N₈ O₈

Compound Name: bis(μ₂-(1,1'-(1,4-phenylenebis(methylene))bis-1H-imidazole))-tetrakis(4-bromobenzoato)-di-cobalt

Space Group: P-1 **Cell:** a 10.076(2) b 12.750(3) c 13.189(3)
Space Group No.: 2 **(Å, °)** α 64.04(0) β 80.60(0) γ 68.59(0)

R-Factor (%): 5.59 **Temperature(K):** 293 **Density(g/cm³):** 1.633



XEKNOS

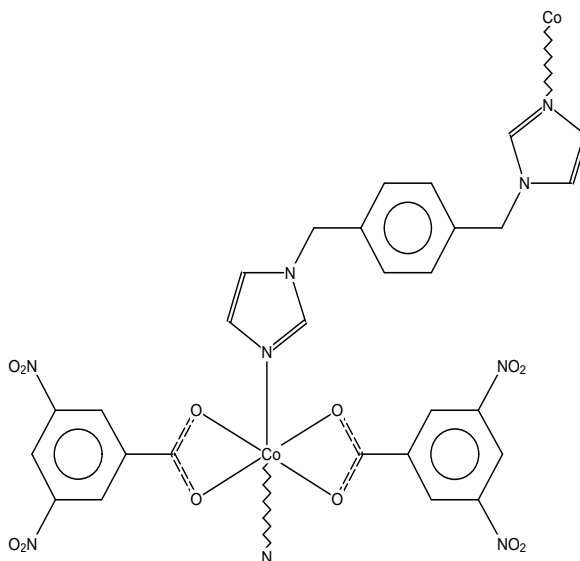
Reference: Lian-Li Liu, Jing-Jing Huang, Xiu-Li Wang, Guo-Cheng Liu, Song Yang, Hong-Yan Lin (2013) *Inorg.Chim.Acta*, **394**,715

Formula: (C₂₈ H₂₀ Co₁ N₈ O₁₂)_n

Compound Name: catena-((μ₂-1-(4-((1H-imidazol-1-yl)methyl)benzyl)-1H-imidazole)-bis(3,5-dinitrobenzoato)-cobalt(ii))

Space Group: C2 **Cell:** a 22.432(4) b 6.256(1) c 11.100(2)
Space Group No.: 5 **(Å, °)** α 90.00 β 99.85(0) γ 90.00

R-Factor (%): 6.88 **Temperature(K):** 293 **Density(g/cm³):** 1.557



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 505-508

XEQFOQ

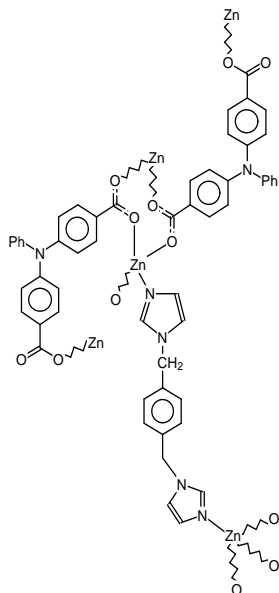
Reference: Jianliang Zhou, Yuanyuan Wang, Ling Qin, Mingdao Zhang, Qingxiang Yang, Hegen Zheng (2013) *CrystEngComm*, 15, 616

Formula: (C₅₄ H₄₀ N₆ O₈ Zn₂)_n

Compound Name: catena-[bis(μ₃-4,4'-(phenylazanediyl)dibenzoato)-(μ₂-1,4-bis(imidazolylmethyl)benzene)-di-zinc]

Space Group: P-1 **Cell:** a 9.632(0) b 10.067(0) c 13.223(0)
Space Group No.: 2 **(Å, °)** α 100.82(0) β 108.21(0) γ 102.07(0)

R-Factor (%): 3.90 **Temperature(K):** 293 **Density(g/cm³):** 1.495



XIDJOL

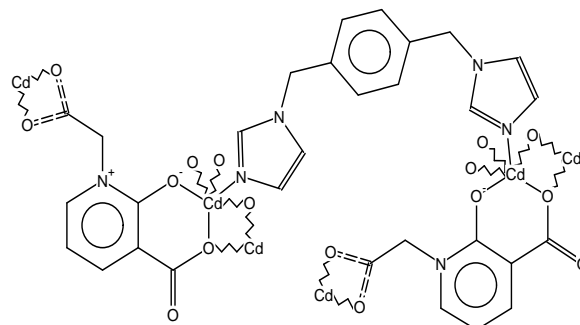
Reference: Ying-Qi Yang, Jin Yang, Wei-Qiu Kan, Yan Yang, Jiao Guo, Jian-Fang Ma (2013) *Eur.J.Inorg.Chem.*, 280

Formula: (C₃₀ H₂₄ Cd₂ N₆ O₁₀)_n·4(H₂O)

Compound Name: catena-(bis(μ₃-3-Carboxylato-1-carboxylatomethyl-2-oxypyridinium)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cadmium tetrahydrate)

Space Group: P-1 **Cell:** a 9.400(0) b 9.729(0) c 10.349(0)
Space Group No.: 2 **(Å, °)** α 76.30(0) β 89.45(0) γ 66.92(0)

R-Factor (%): 3.03 **Temperature(K):** 293 **Density(g/cm³):** 1.825



H₂O

XIDJUR

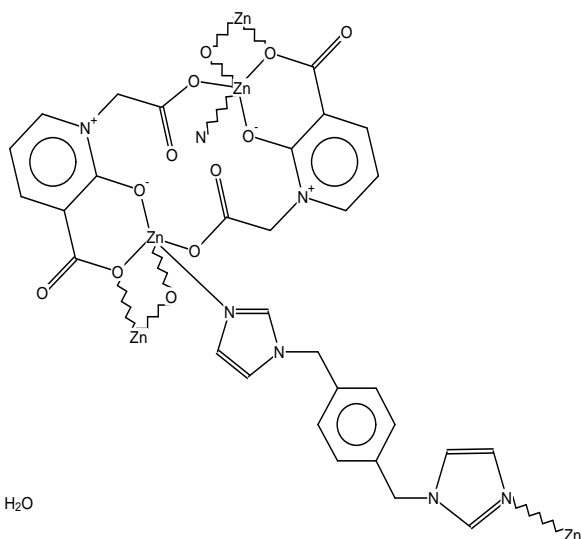
Reference: Ying-Qi Yang, Jin Yang, Wei-Qiu Kan, Yan Yang, Jiao Guo, Jian-Fang Ma (2013) *Eur.J.Inorg.Chem.*, 280

Formula: (C₃₀ H₂₄ N₆ O₁₀ Zn₂)_n·3n(H₂O)

Compound Name: catena-(bis(μ₃-3-Carboxylato-1-carboxylatomethyl-2-oxypyridinium)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc trihydrate)

Space Group: P-1 **Cell:** a 9.422(0) b 9.515(0) c 9.977(0)
Space Group No.: 2 **(Å, °)** α 90.16(0) β 100.94(0) γ 112.84(0)

R-Factor (%): 3.36 **Temperature(K):** 293 **Density(g/cm³):** 1.675



H₂O

XIFPIN

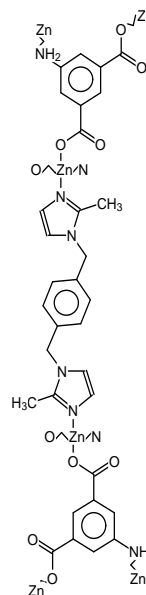
Reference: Jing-Tao Shi, Chun-Sheng Zhou, Yong-Liang Liu, Zhi-Guo Fang, Rui-Li Zhao, Li-Li Xu, Ke-Fen Yue (2013) *Z.Anorg.Allg.Chem.*, 639, 187

Formula: (C₃₂ H₂₈ N₆ O₈ Zn₂)_n·2n(H₂O)

Compound Name: catena-(bis(μ₃-5-Aminoisophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-zinc dihydrate)

Space Group: P21/c **Cell:** a 12.713(1) b 7.876(0) c 15.986(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.33(0) γ 90.00

R-Factor (%): 2.68 **Temperature(K):** 296 **Density(g/cm³):** 1.642



H₂O

Search: search1 (Fri Aug 28 19:32:38 2015): Hits 509-512

XIMPOA

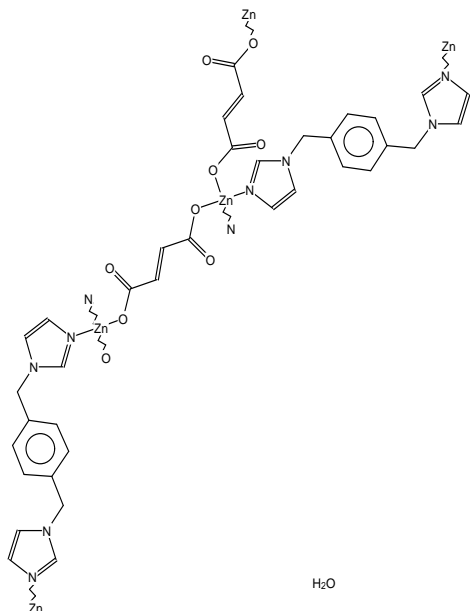
Reference: Gui-bin Yang, Zhen-Hai Sun (2013) *Inorg.Chem.Commun.* ,**29**,94

Formula: (C₃₆ H₃₂ N₈ O₈ Zn₂)_n.3n(H₂ O₁)

Compound Name: catena-[bis(μ₂-Fumarato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene)) bis(1H-imidazole))-di-zinc trihydrate]

Space Group: P212121 **Cell:** a 14.552(4) b 15.639(4) c 16.764(4)
Space Group No.: 19 **(Å,°)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.07 **Temperature(K):** 293 **Density(g/cm³):** 1.549



XIMPOA01

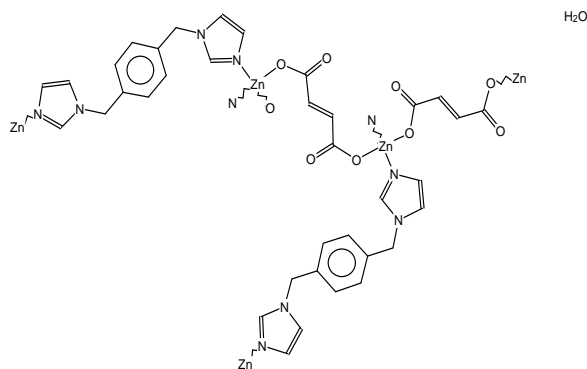
Reference: Jin-Xia Yang, Ye-Yan Qin, Jian-Kai Cheng, Yuan-Gen Yao (2014) *Cryst.Growth Des.* ,**14**,1047

Formula: (C₃₆ H₃₂ N₈ O₈ Zn₂)_n.3n(H₂ O₁)

Compound Name: catena-[bis(μ₂-fumarato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene)) bis(1H-imidazole))-di-zinc trihydrate]

Space Group: P212121 **Cell:** a 14.774(6) b 15.653(7) c 16.871(7)
Space Group No.: 19 **(Å,°)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 9.00 **Temperature(K):** 293 **Density(g/cm³):** 1.514



XIPHUB

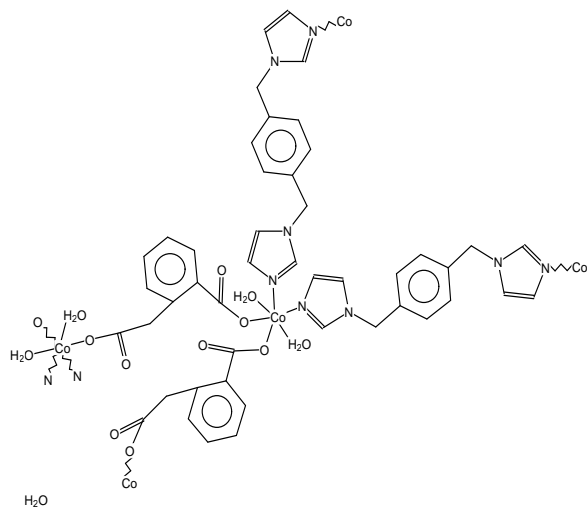
Reference: Yan Wang, Song-Quan Shen, Ju-Hong Zhou, Tao Wang, Su-Na Wang, Guang-Xiang Liu (2013) *Inorg.Chem.Commun.* ,**30**,5

Formula: (C₄₆ H₄₈ Co₂ N₈ O₁₂)_n.2n(H₂ O₁)

Compound Name: catena-[bis(μ₂-2-(carboxylatomethyl)benzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetra-aqua-di-cobalt(ii) dihydrate]

Space Group: P21/c **Cell:** a 11.328(0) b 13.208(1) c 18.993(1)
Space Group No.: 14 **(Å,°)** α 90.00 β 122.19(0) γ 90.00

R-Factor (%): 3.95 **Temperature(K):** 293 **Density(g/cm³):** 1.462



XIPJUD

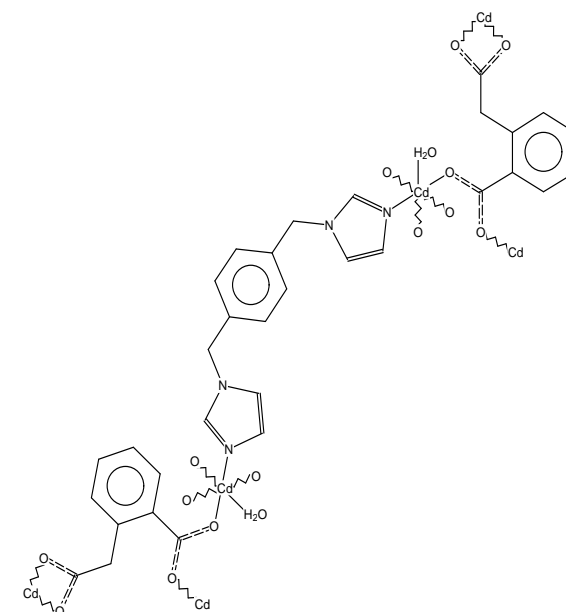
Reference: Yan Wang, Song-Quan Shen, Ju-Hong Zhou, Tao Wang, Su-Na Wang, Guang-Xiang Liu (2013) *Inorg.Chem.Commun.* ,**30**,5

Formula: (C₃₂ H₃₀ Cd₂ N₄ O₁₀)_n

Compound Name: catena-[bis(μ₂-2-(carboxylatomethyl)benzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-cadmium(ii)]

Space Group: C2/c **Cell:** a 19.944(1) b 8.238(0) c 19.477(1)
Space Group No.: 15 **(Å,°)** α 90.00 β 98.80(0) γ 90.00

R-Factor (%): 3.03 **Temperature(K):** 298 **Density(g/cm³):** 1.797



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 513-516

XIPKAK

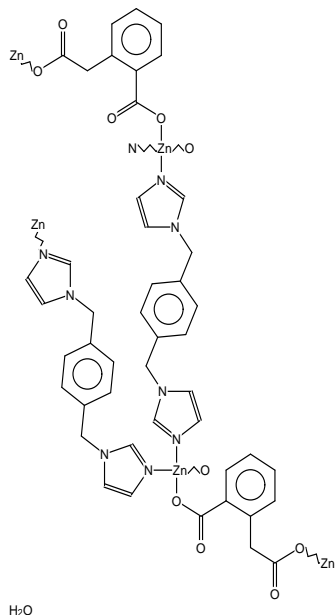
Reference: Yan Wang, Song-Quan Shen, Ju-Hong Zhou, Tao Wang, Su-Na Wang, Guang-Xiang Liu (2013) *Inorg.Chem.Commun.* , 30,5

Formula: (C₄₆ H₄₀ N₈ O₈ Zn₂)_n·2(H₂O)₁

Compound Name: catena-[bis(μ₂-2-(carboxylatomethyl)benzoato)-bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-di-zinc(ii) dihydrate]

Space Group: P-1 **Cell:** a 8.356(0) b 10.811(1) c 13.153(1)
Space Group No.: 2 **(Å, °)** α 94.66(0) β 96.28(0) γ 105.18(2)

R-Factor (%) : 14.38 **Temperature(K):** 298 **Density(g/cm³):** 1.466



XISBIM

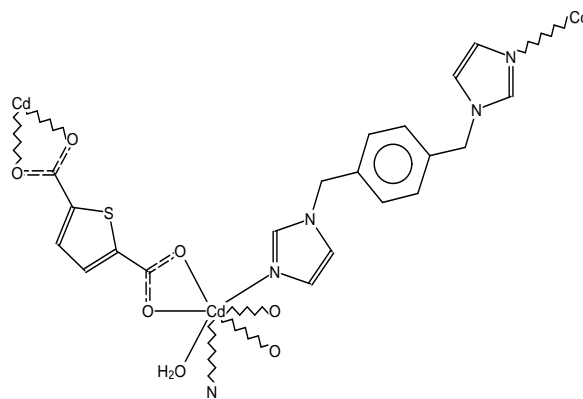
Reference: Cheng Yan Zhang, Wei Xing Ma, Ming Yan Wang, Xu Jie Yang, Xing You Xu (2014) *Spectrochim.Acta,Part A* , 118,657

Formula: (C₂₀ H₁₈ Cd₁ N₄ O₅ S₁)_n

Compound Name: catena-[(μ₂-Thiophene-2,5-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-aqua-cadmium(ii) unknown solvate]

Space Group: P21/c **Cell:** a 10.556 b 17.769 c 11.523
Space Group No.: 14 **(Å, °)** α 90.00 β 108.78 γ 90.00

R-Factor (%) : 4.25 **Temperature(K):** 298 **Density(g/cm³):** 1.749



XOPHIU

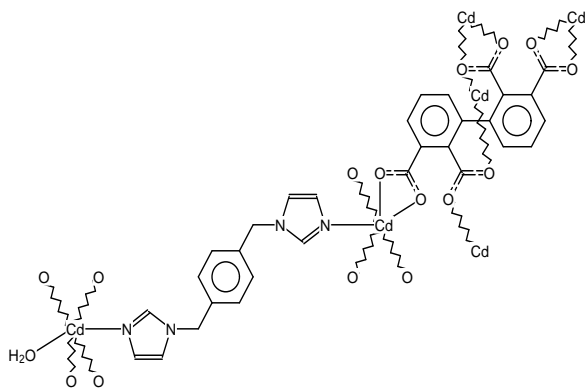
Reference: Shuangquan Zang, Yang Su, Yi-Zhi Li, Jianguo Lin, Xianying Duan, Qingjin Meng, Song Gao (2009) *CrystEngComm* , 11, 122

Formula: (C₃₀ H₂₂ Cd₂ N₄ O₉)_n

Compound Name: catena-((μ₅-1,1'-Biphenyl-2,2',3,3'-tetracarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-aqua-di-cadmium)

Space Group: P-1 **Cell:** a 10.062(0) b 11.173(0) c 13.245(0)
Space Group No.: 2 **(Å, °)** α 89.42(0) β 75.19(0) γ 76.94(0)

R-Factor (%) : 3.58 **Temperature(K):** 293 **Density(g/cm³):** 1.914



XOPJIW

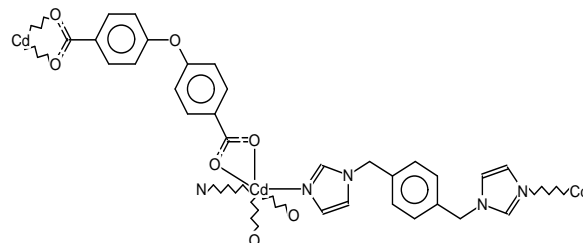
Reference: Jin Yang, Jian-Fang Ma, Ying-Ying Liu, S.R.Batten (2009) *CrystEngComm* , 11,151

Formula: (C₂₈ H₂₂ Cd₁ N₄ O₅)_n

Compound Name: catena-((μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-(μ₂-4,4'-oxybis(benzoato)-O,O',O'')-cadmium(ii))

Space Group: Pnma **Cell:** a 14.758(1) b 14.263(0) c 12.199(0)
Space Group No.: 62 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%) : 2.24 **Temperature(K):** 293 **Density(g/cm³):** 1.570



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 517-520

XOPJOC

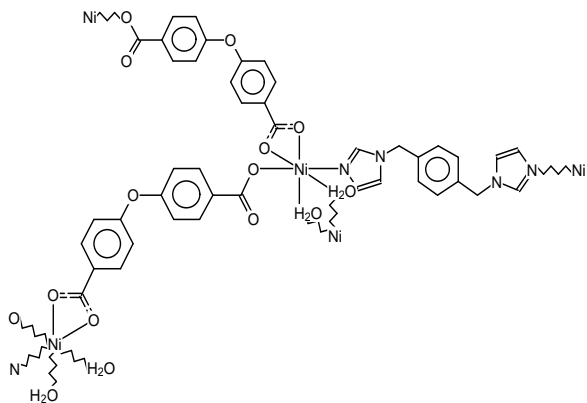
Reference: Jin Yang, Jian-Fang Ma, Ying-Ying Liu, S.R.Batten (2009) *CrystEngComm*, 11,151

Formula: (C₄₂ H₃₄ N₄ Ni₂ O₁₂)_n

Compound Name: catena-(bis(μ₂-Aqua)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-bis(μ₂-4,4'-oxybis(benzoato)-O,O',O'')-di-nickel(III))

Space Group: C2/c **Cell:** *a* 28.442(3) *b* 5.747(0) *c* 24.666(3)
Space Group No.: 15 **(Å, °)** α 90.00 β 112.04(0) γ 90.00

R-Factor (%): 4.14 **Temperature(K):** 293 **Density(g/cm³):** 1.607



XOVXIQ

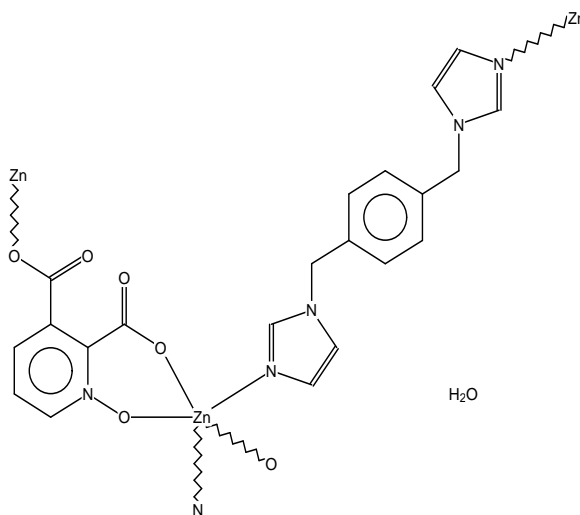
Reference: Li-Li Wen, Zhen-Da Lu, Xiao-Ming Ren, Chun-Ying Duan, Qing-Jin Meng, Song Gao (2009) *Cryst.Growth Des.*, 9,227

Formula: (C₂₁ H₁₇ N₅ O₅ Zn₁)_n(H₂O)₁

Compound Name: catena-(μ₂-N-Oxypyridine-2,3-dicarboxylato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-zinc(II) monohydrate clathrate

Space Group: P21 **Cell:** *a* 8.400(1) *b* 10.983(1) *c* 11.365(1)
Space Group No.: 4 **(Å, °)** α 90.00 β 104.02(0) γ 90.00

R-Factor (%): 4.61 **Temperature(K):** 293 **Density(g/cm³):** 1.641



XUDTEW

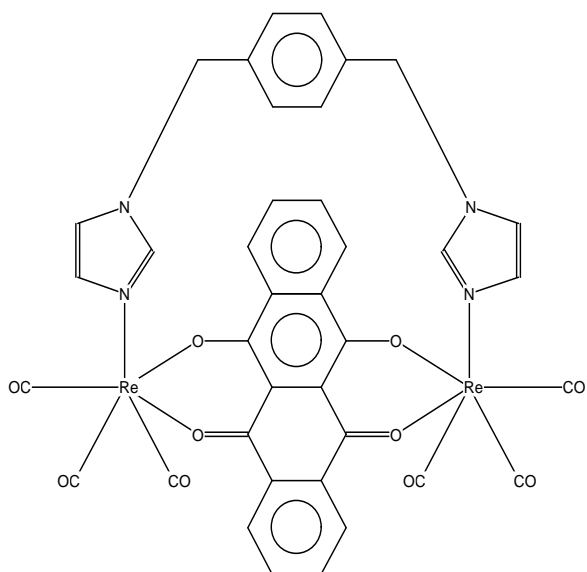
Reference: M.Sathiyendiran, Jing-Yun Wu, M.Velayudham, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2009) *Chem.Commun.*, 3795

Formula: C₃₈ H₂₂ N₄ O₁₀ Re₂

Compound Name: (μ₂-6,11-Dioxy-5,12-naphthacenedione-O,O',O'',O''')-(μ₂-α,α'-bis(imidazol-1-yl)-p-xylene-N,N')-hexacarbonyl-di-rhenium

Space Group: Cmca **Cell:** *a* 23.869(0) *b* 25.993(0) *c* 10.866(0)
Space Group No.: 64 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 2.22 **Temperature(K):** 150 **Density(g/cm³):** 2.103



XUDTIA

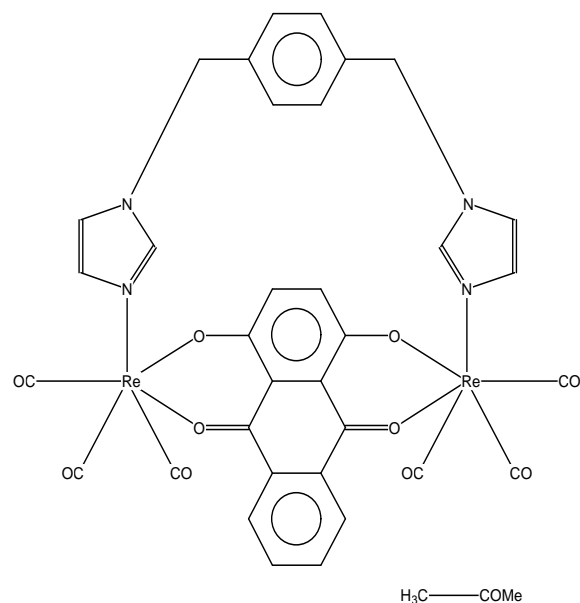
Reference: M.Sathiyendiran, Jing-Yun Wu, M.Velayudham, Gene-Hsiang Lee, Shie-Ming Peng, Kuang-Lieh Lu (2009) *Chem.Commun.*, 3795

Formula: C₃₄ H₂₀ N₄ O₁₀ Re₂·C₃ H₆ O₁

Compound Name: (μ₂-1,4-Dioxy-9,10-anthraquinone-O,O',O'',O''')-(μ₂-α,α'-bis(imidazol-1-yl)-p-xylene-N,N')-hexacarbonyl-di-rhenium acetone solvate

Space Group: C2/m **Cell:** *a* 22.342(0) *b* 20.930(0) *c* 7.928(0)
Space Group No.: 12 **(Å, °)** α 90.00 β 98.91(0) γ 90.00

R-Factor (%): 4.60 **Temperature(K):** 150 **Density(g/cm³):** 1.950



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 521-524

XUGMOC

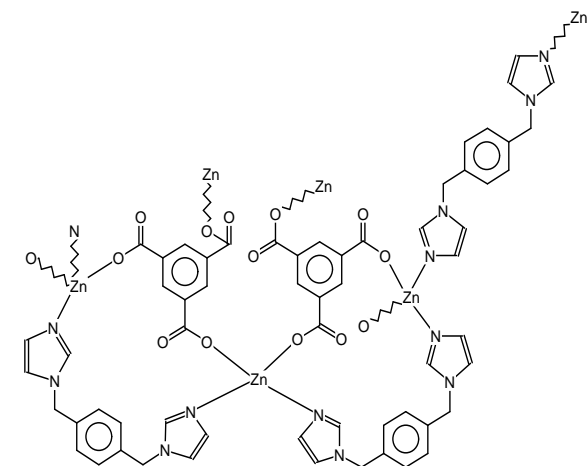
Reference: Min Liu, Zhipei Yang, Wenhao Sun, Xiuping Li, Juan Li, Jinshi Ma, Guoqiang Yang (2009) *Inorg.Chim.Acta*, **362**,2884

Formula: (C₆₀ H₄₈ N₁₂ O₁₂ Zn₃)n.2.5n(H₂ O₁)

Compound Name: catena-[bis(μ₃-Benzene-1,3,5-tricarboxylato)-tris(μ₂-1,4-bis(imidazolymethyl)benzene)-tri-zinc(ii) hydrate]

Space Group: C2/c **Cell:** a 39.019(2) b 8.901(0) c 18.733(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 111.28(0) γ 90.00

R-Factor (%): 3.03 **Temperature(K):** 293 **Density(g/cm³):** 1.501



H₂O

XUKTED

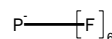
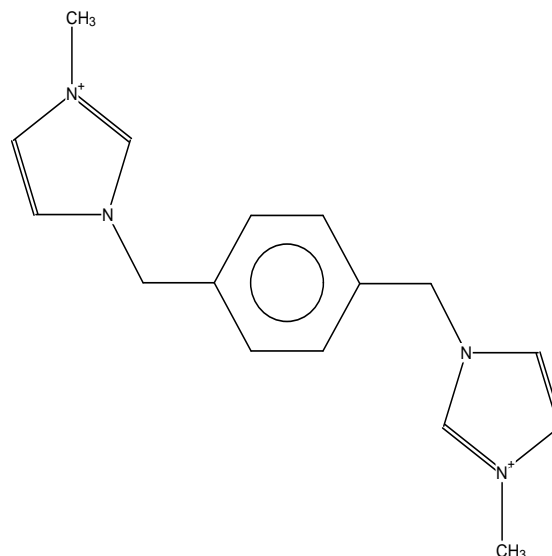
Reference: C.E.Willans, K.M.Anderson, M.J.Paterson, P.C.Junk, L.J.Barbour, J.W.Steed (2009) *Eur.J.Inorg.Chem.*, 2835

Formula: C₁₆ H₂₀ N₄²⁺.2(F₆ P₁¹⁻)

Compound Name: 1,4-bis(3-Methylimidazolium)xylene bis(hexafluorophosphate)

Space Group: P21/c **Cell:** a 6.079(4) b 12.540(8) c 15.047(10)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.89(3) γ 90.00

R-Factor (%): 6.55 **Temperature(K):** 120 **Density(g/cm³):** 1.618



XUKTED01

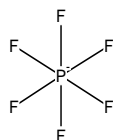
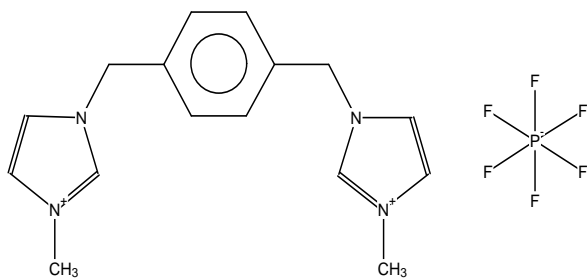
Reference: M.V.Baker, D.H.Brown, R.A.Haque, B.W.Skelton, A.H.White (2009) *J.Inclusion Phenom.Macrocyclic Chem.*, 65,97

Formula: C₁₆ H₂₀ N₄²⁺.2(F₆ P₁¹⁻)

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))-bis(3-methyl-1H-imidazol-3-ium) bis(hexafluorophosphate)

Space Group: P21/c **Cell:** a 7.119(0) b 12.115(1) c 13.055(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 105.02(0) γ 90.00

R-Factor (%): 4.11 **Temperature(K):** 150 **Density(g/cm³):** 1.705



XUKTED02

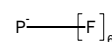
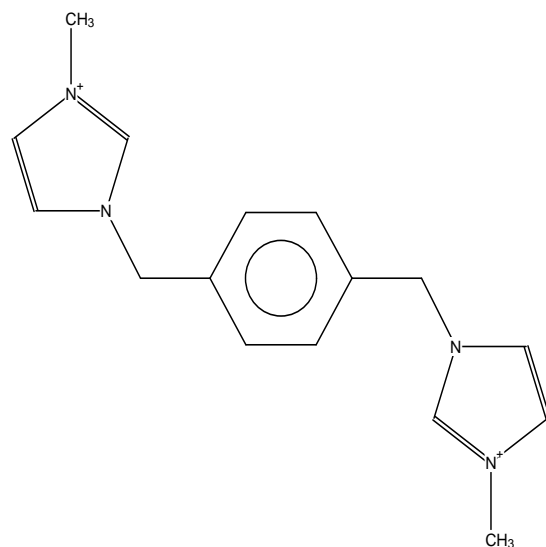
Reference: H.Ibrahim, N.A.Koorbanally, D.Ramjugemath, M.D.Bala, V.O.Nyamori (2012) *Z.Anorg.Allg.Chem.*, 638,2304

Formula: C₁₆ H₂₀ N₄²⁺.2(F₆ P₁¹⁻)

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(3-methyl-1H-imidazol-3-ium) dihexafluorophosphate

Space Group: P21/c **Cell:** a 6.071(0) b 12.582(0) c 14.995(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.19(0) γ 90.00

R-Factor (%): 7.11 **Temperature(K):** 223 **Density(g/cm³):** 1.621



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 525-528

XUPBIU

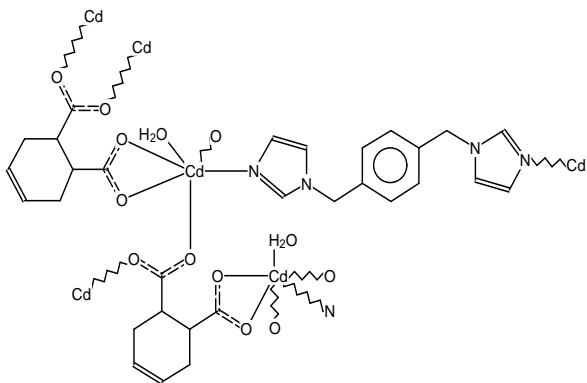
Reference: Xinxin Xu, Xiaoxia Liu, Xia Zhang, Ting Sun (2010) *Solid State Sciences*, **12**,355

Formula: (C₃₀ H₃₄ Cd₂ N₄ O₁₀)_n

Compound Name: catena-(μ₂-μ₃-4-Cyclohexene-1,2-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-diaqua-di-cadmium

Space Group: P-1 **Cell:** *a* 6.429(1) *b* 10.414(2) *c* 11.613(2)
Space Group No.: 2 **(Å, °)** α 83.04(3) β 81.87(3) γ 83.86(3)

R-Factor (%): 3.42 **Temperature(K):** 293 **Density(g/cm³):** 1.823



XUYNAH

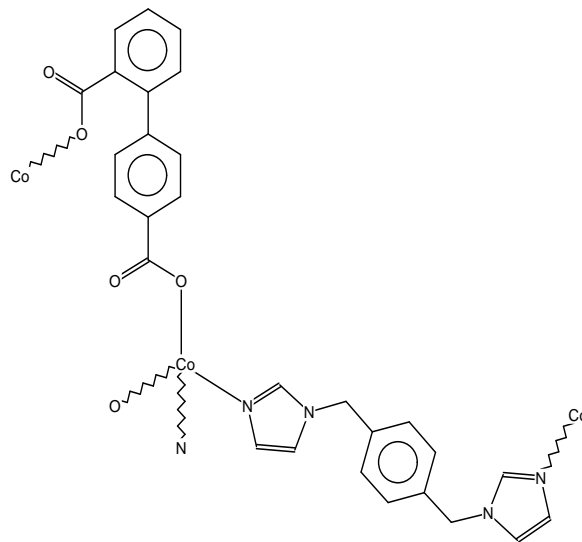
Reference: Yang Liu, Yan Qi, Yan-Hua Su, Fang-Hua Zhao, Yun-Xia Che, Ji-Min Zheng (2010) *CrystEngComm*, **12**,3283

Formula: (C₂₈ H₂₂ Co₁ N₄ O₄)_n

Compound Name: catena-(μ₂-biphenyl-2,4'-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cobalt

Space Group: P21/c **Cell:** *a* 11.568(2) *b* 14.658(3) *c* 16.150(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 116.52(2) γ 90.00

R-Factor (%): 3.57 **Temperature(K):** 298 **Density(g/cm³):** 1.457



XUYNEL

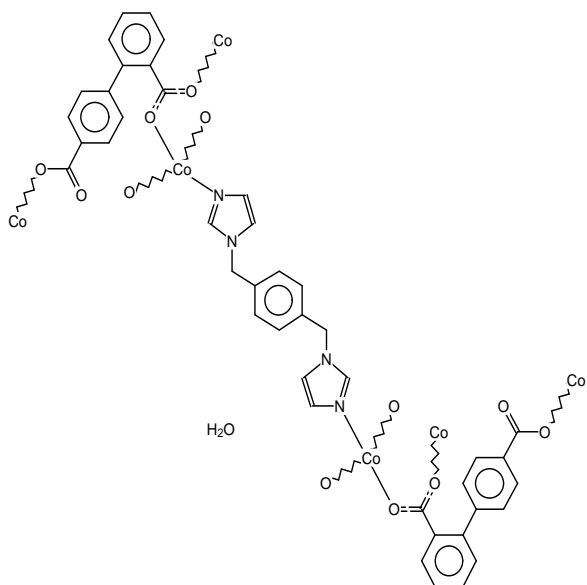
Reference: Yang Liu, Yan Qi, Yan-Hua Su, Fang-Hua Zhao, Yun-Xia Che, Ji-Min Zheng (2010) *CrystEngComm*, **12**,3283

Formula: (C₄₂ H₃₀ Co₂ N₄ O₈)_n.0.5n(H₂O)₁

Compound Name: catena-(bis(μ₃-biphenyl-2,4'-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt hemihydrate)

Space Group: Pbcu **Cell:** *a* 18.370(4) *b* 9.540(1) *c* 21.034(4)
Space Group No.: 61 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.19 **Temperature(K):** 296 **Density(g/cm³):** 1.524



YAHMAW

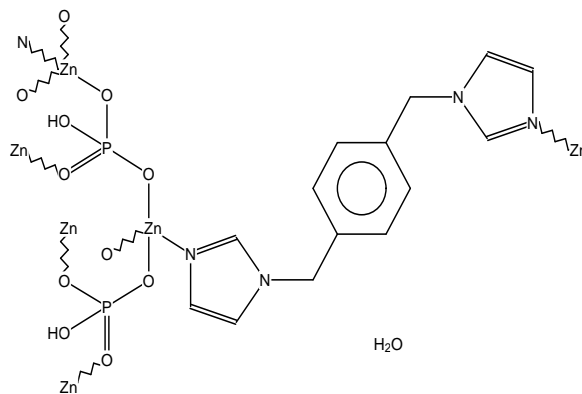
Reference: Jian Fan, C.Slebodnick, R.Angel, B.E.Hanson (2005) *Inorg.Chem.*, **44**,552

Formula: (C₁₄ H₁₆ N₄ O₈ P₂ Zn₂)_n.2n(H₂O)₁

Compound Name: catena-(bis(μ₃-Hydrogen phosphato)-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-zinc dihydrate)

Space Group: P-1 **Cell:** *a* 9.419(1) *b* 9.520(0) *c* 13.247(1)
Space Group No.: 2 **(Å, °)** α 76.69(0) β 78.84(1) γ 66.44(1)

R-Factor (%): 3.92 **Temperature(K):** 100 **Density(g/cm³):** 1.883



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 529-532

YARDEC

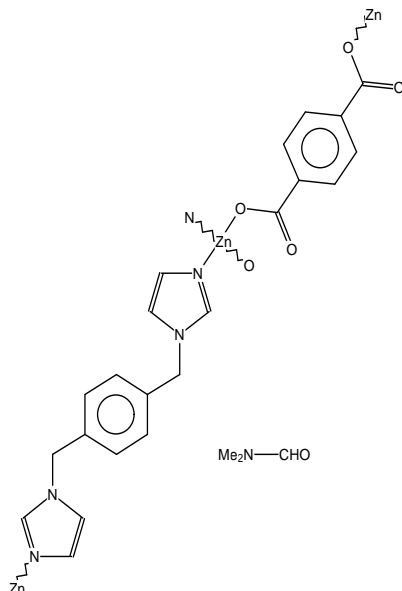
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₂₂ H₁₈ N₄ O₄ Zn₁)_n.2n(C₃ H₇ N₁ O₁)

Compound Name: catena-(μ₂-terephthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene) bis(1H-imidazole))-zinc N,N-dimethylformamide solvate)

Space Group: C2/c **Cell:** a 20.575(1) b 11.548(0) c 14.062(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 116.53(0) γ 90.00

R-Factor (%): 3.82 **Temperature(K):** 187 **Density(g/cm³):** 1.364



YARDIG

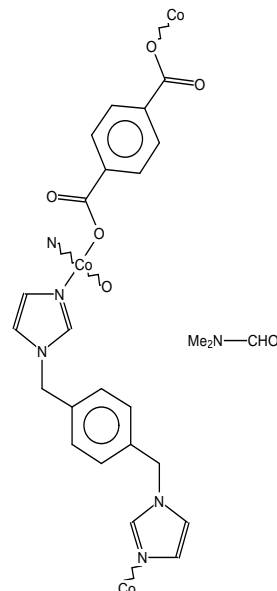
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₂₂ H₁₈ Co₁ N₄ O₄)_n.2n(C₃ H₇ N₁ O₁)

Compound Name: catena-(μ₂-terephthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene) bis(1H-imidazole))-cobalt N,N-dimethylformamide solvate)

Space Group: C2/c **Cell:** a 20.467(1) b 11.454(0) c 14.139(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 116.20(0) γ 90.00

R-Factor (%): 3.89 **Temperature(K):** 187 **Density(g/cm³):** 1.357



YARDOM

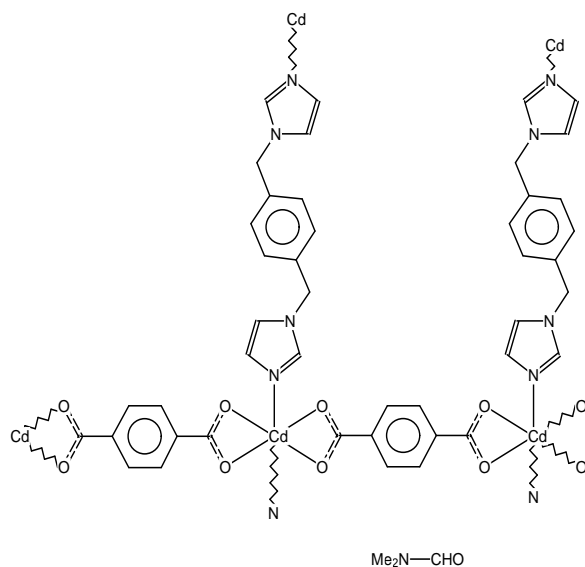
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₄₄ H₃₆ Cd₂ N₈ O₈)_n.4n(C₃ H₇ N₁ O₁)

Compound Name: catena-(bis(μ₂-terephthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene) bis(1H-imidazole))-di-cadmium N,N-dimethylformamide solvate)

Space Group: P2/c **Cell:** a 17.347(0) b 7.267(0) c 24.894(0)
Space Group No.: 13 **(Å, °)** α 90.00 β 111.93(0) γ 90.00

R-Factor (%): 3.96 **Temperature(K):** 187 **Density(g/cm³):** 1.508



YARDUS

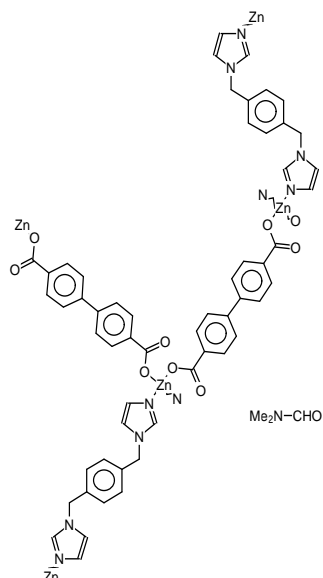
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₅₆ H₄₄ N₈ O₈ Zn₂)_n.6n(C₃ H₇ N₁ O₁)

Compound Name: catena-(bis(μ₂-biphenyl-4,4'-dicarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene) bis(1H-imidazole))-di-zinc N,N-dimethylformamide solvate)

Space Group: P-1 **Cell:** a 12.632(0) b 12.825(0) c 13.531(0)
Space Group No.: 2 **(Å, °)** α 79.97(0) β 70.96(0) γ 70.01(0)

R-Factor (%): 7.88 **Temperature(K):** 187 **Density(g/cm³):** 1.305



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 533-536

YARFAA

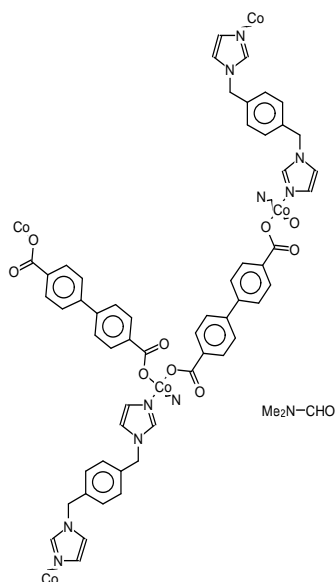
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₅₆ H₄₄ Co₂ N₈ O₈)_n.6n(C₃ H₇ N₁ O₁)

Compound Name: catena-(bis(μ₂-biphenyl-4,4'-dicarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt N,N-dimethylformamide solvate)

Space Group: P-1 **Cell:** a 12.618(0) b 12.895(0) c 13.613(0)
Space Group No.: 2 **(Å, °)** α 79.38(0) β 70.78(0) γ 69.57(0)

R-Factor (%): 7.82 **Temperature(K):** 187 **Density(g/cm³):** 1.286



YARFEE

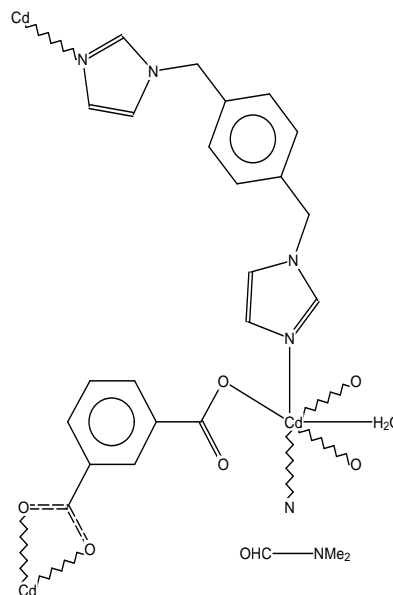
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₂₂ H₂₀ Cd₁ N₄ O₈)_n.n(C₃ H₇ N₁ O₁)

Compound Name: catena-(μ₂-isophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-aqua-cadmium N,N-dimethylformamide solvate)

Space Group: P-1 **Cell:** a 10.187(0) b 10.548(0) c 14.109(0)
Space Group No.: 2 **(Å, °)** α 68.11(0) β 73.02(0) γ 71.97(0)

R-Factor (%): 4.17 **Temperature(K):** 173 **Density(g/cm³):** 1.535



YARFII

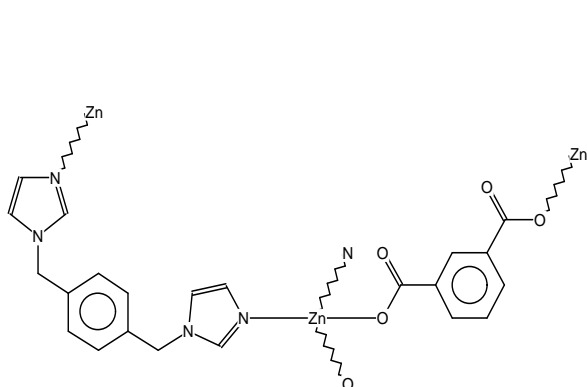
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₂₂ H₁₈ N₄ O₄ Zn₁)_n

Compound Name: catena-(μ₂-isophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc unknown solvate)

Space Group: Pna21 **Cell:** a 18.712(0) b 10.898(0) c 14.661(0)
Space Group No.: 33 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.76 **Temperature(K):** 173 **Density(g/cm³):** 1.039



YARFII01

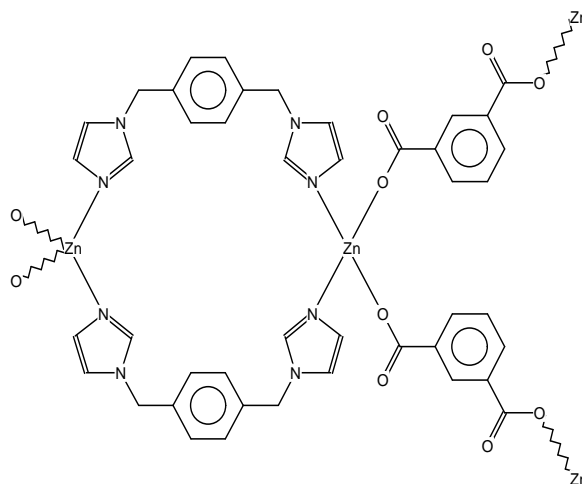
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst.Growth Des.*, 12,253

Formula: (C₄₄ H₃₆ N₈ O₈ Zn₂)_n

Compound Name: catena-(bis(μ₂-isophthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc unknown solvate)

Space Group: C2/c **Cell:** a 34.761(1) b 13.122(0) c 27.238(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 105.82(0) γ 90.00

R-Factor (%): 4.37 **Temperature(K):** 173 **Density(g/cm³):** 1.040



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 537-540

YARFII02

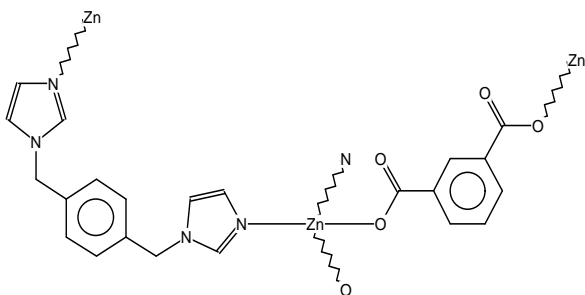
Reference: Xue-Zhi Song, Shu-Yan Song, Chao Qin, Sheng-Qun Su, Shu-Na Zhao, Min Zhu, Zhao-Min Hao, Hong-Jie Zhang (2012) *Cryst. Growth Des.*, **12**,253

Formula: (C₂₂H₁₈N₄O₄Zn₁)_n

Compound Name: catena-(μ₂-isophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc unknown solvate)

Space Group: P21/n **Cell:** a 9.514(0) b 16.649(1) c 17.566(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.21(0) γ 90.00

R-Factor (%): 5.20 **Temperature(K):** 173 **Density(g/cm³):** 1.126



YECQUT

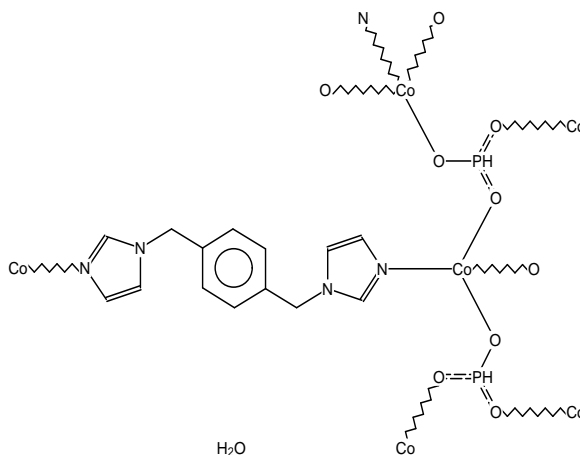
Reference: Jian Fan, G.T.Yee, Guangbin Wang, B.E.Hanson (2006) *Inorg.Chem.*, **45**,599

Formula: (C₁₄H₁₆Co₂N₄O₆P₂)_n.Zn(H₂O)₁

Compound Name: catena-(bis(μ₃-Hydrogen phosphito-O,O',O'')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-di-cobalt(ii) dihydrate)

Space Group: P21/n **Cell:** a 11.173(2) b 5.224(0) c 17.669(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 100.43(1) γ 90.00

R-Factor (%): 5.09 **Temperature(K):** 100 **Density(g/cm³):** 1.808



YECREE

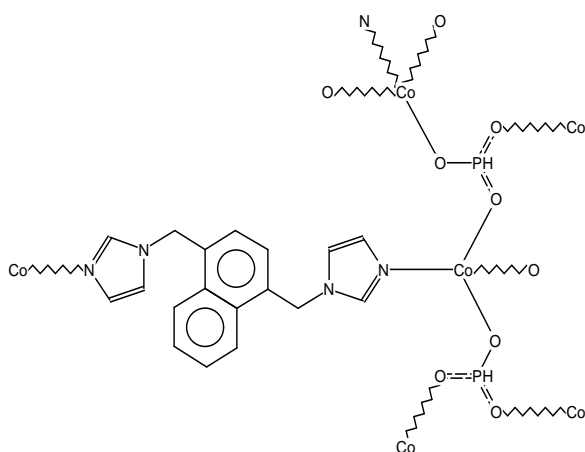
Reference: Jian Fan, G.T.Yee, Guangbin Wang, B.E.Hanson (2006) *Inorg.Chem.*, **45**,599

Formula: (C₁₈H₁₈Co₂N₄O₆P₂)_n

Compound Name: catena-(bis(μ₃-Hydrogen phosphito-O,O',O'')-(μ₂-1,4-bis(imidazol-1-ylmethyl)naphthalene-N,N')-di-cobalt(ii))

Space Group: C2/c **Cell:** a 23.535(5) b 9.114(1) c 9.813(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 91.56(3) γ 90.00

R-Factor (%): 6.45 **Temperature(K):** 100 **Density(g/cm³):** 1.787



YEGCEU

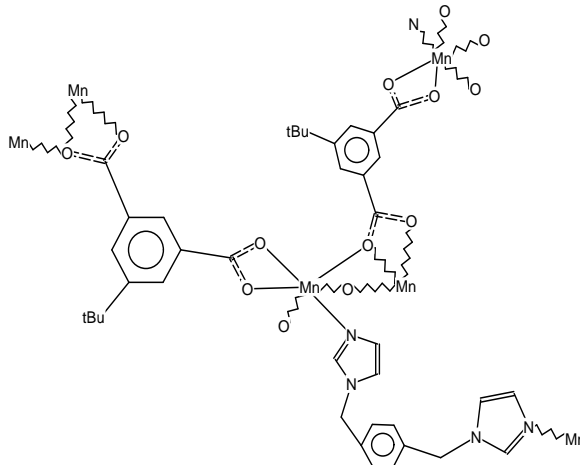
Reference: Lu-Fang Ma, Min-Le Han, Jian-Hua Qin, Li-Ya Wang, Miao Du (2012) *Inorg.Chem.*, **51**,9431

Formula: (C₃₈H₃₈Mn₂N₄O₈)_n

Compound Name: catena-(bis(μ₃-5-t-Butylisophthalic acid)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-manganese)

Space Group: P42/n **Cell:** a 20.064(0) b 20.064(0) c 8.811(0)
Space Group No.: 86 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 2.99 **Temperature(K):** 296 **Density(g/cm³):** 1.477



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 541-544

YEGDAR

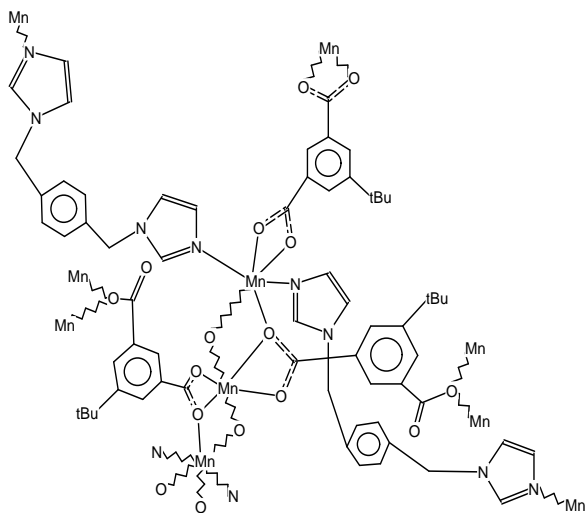
Reference: Lu-Fang Ma, Min-Le Han, Jian-Hua Qin, Li-Ya Wang, Miao Du (2012) *Inorg.Chem.* ,51,9431

Formula: (C₆₄ H₆₄ Mn₃ N₈ O₁₂)_n

Compound Name: catena-(bis(μ₄-5-t-Butylisophthalato)-(μ₂-5-t-butylisophthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-manganese)

Space Group: Ama2 **Cell:** *a* 33.611(3) *b* 13.868(1) *c* 13.786(1)
Space Group No.: 40 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.95 **Temperature(K):** 296 **Density(g/cm³):** 1.346



YEGVIR

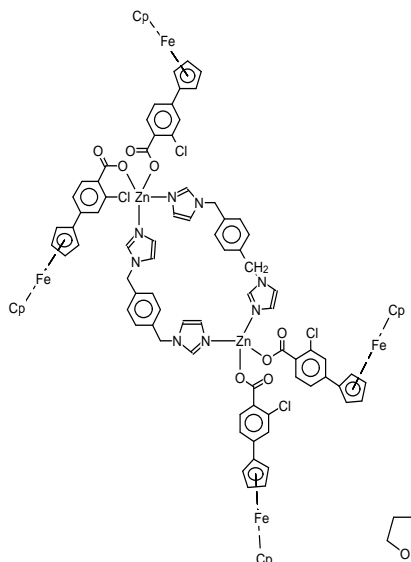
Reference: Jinpeng Li, Lu Liu, Tingting Hou, Huan Sun, Yanyan Zhu, Shaomin Wang, Jinhong Wu, Hong Xu, Yuxin Guo, Baoxian Ye, Hongwei Hou, Yaoting Fan, Junbiao Chang (2012) *J.Coord.Chem.* ,65, 3684

Formula: C₉₆ H₇₆ Cl₄ Fe₄ N₈ O₈ Zn₂.C₄ H₈ O₁

Compound Name: tetrakis(μ₂-η⁵-2-chloro-4-(cyclopentadienyl)benzoato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetrakis(η⁵-cyclopentadienyl)-tetra-iron-di-zinc tetrahydrofuran solvate

Space Group: P-1 **Cell:** *a* 12.886(3) *b* 13.028(3) *c* 16.112(3)
Space Group No.: 2 **(Å, °)** α 89.96(3) β 79.18(3) γ 64.62(3)

R-Factor (%): 7.50 **Temperature(K):** 298 **Density(g/cm³):** 1.415



YEHTIP

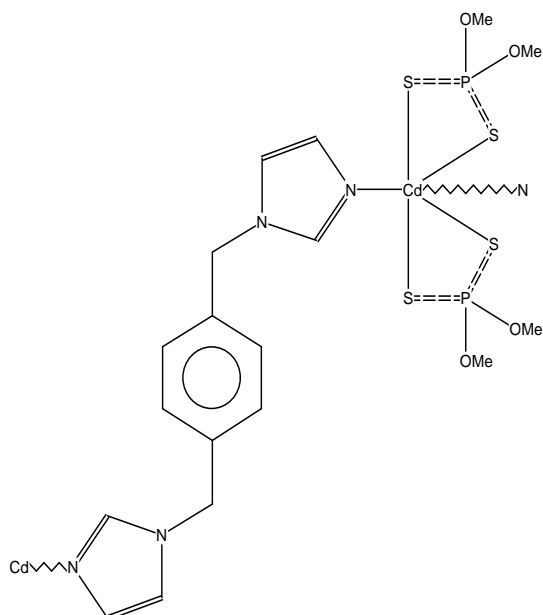
Reference: Tao Li, Zhi-Hua Li, Sheng-Min Hu, Shao-Wu Du (2006) *J.Coord.Chem.* ,59,945

Formula: (C₁₈ H₂₆ Cd₁ N₄ O₄ P₂ S₄)_n

Compound Name: catena-((μ₂-1,4-bis(Imidazol-1-ylmethyl)benzene)-bis(dimethyldithiophosphato)-cadmium(ii))

Space Group: C2/c **Cell:** *a* 18.520(0) *b* 10.234(0) *c* 14.024(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 90.19(1) γ 90.00

R-Factor (%): 3.62 **Temperature(K):** 173 **Density(g/cm³):** 1.662



YEHTOV

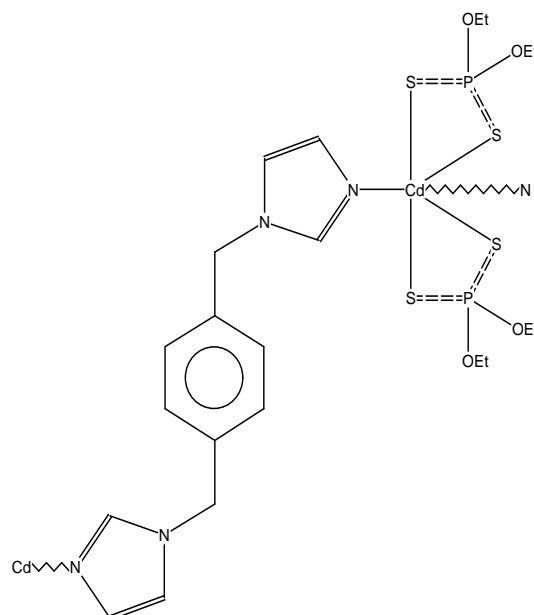
Reference: Tao Li, Zhi-Hua Li, Sheng-Min Hu, Shao-Wu Du (2006) *J.Coord.Chem.* ,59,945

Formula: (C₂₂ H₃₄ Cd₁ N₄ O₄ P₂ S₄)_n

Compound Name: catena-((μ₂-1,4-bis(Imidazol-1-ylmethyl)benzene)-bis(diethyldithiophosphato)-cadmium(ii))

Space Group: P-1 **Cell:** *a* 8.984(0) *b* 9.504 *c* 10.489
Space Group No.: 2 **(Å, °)** α 65.71(0) β 77.86(1) γ 73.18(1)

R-Factor (%): 3.16 **Temperature(K):** 173 **Density(g/cm³):** 1.541



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 545-548

YEVPAR

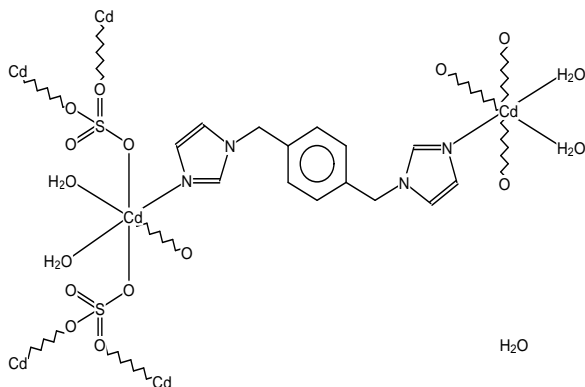
Reference: Can Liu, Yegao Yin, Xuhua Shi, Dan Zhang, Meihong Hu (2007) *Inorg.Chem.Commun.*, **10**,37

Formula: (C₁₄ H₂₂ Cd₂ N₄ O₁₂ S₂)_n·2n(H₂ O₁)

Compound Name: catena-(bis(μ₃-sulfato-O,O',O'')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-tetra-aqua-di-cadmium(ii) dihydrate)

Space Group: P2₁/c **Cell:** a 11.661(1) b 7.927(0) c 13.418(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.11(0) γ 90.00

R-Factor (%): 2.87 **Temperature(K):** 293 **Density(g/cm³):** 2.044



YIBRAE

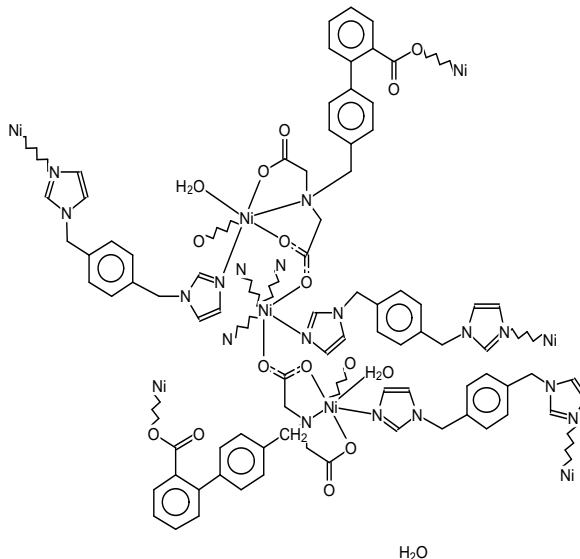
Reference: Rong-Min Han, Jian-Fang Ma, Ying-Ying Liu, Jin Yang (2013) *CrystEngComm*, **15**,5641

Formula: (C₇₈ H₇₄ N₁₄ Ni₃ O₁₄)_n·4n(H₂ O₁)

Compound Name: catena-[bis(μ₃-4'-((bis(carboxylatomethyl)amino)methyl)biphenyl-2-carboxylato)-tris(μ₂-4-bis(imidazole-1-ylmethyl)-benzene)-diaqua-trinickel tetrahydrate]

Space Group: P-1 **Cell:** a 9.653(0) b 13.823(0) c 15.233(0)
Space Group No.: 2 **(Å, °)** α 81.37(0) β 78.69(0) γ 75.59(0)

R-Factor (%): 5.44 **Temperature(K):** 293 **Density(g/cm³):** 1.453



YIBRUY

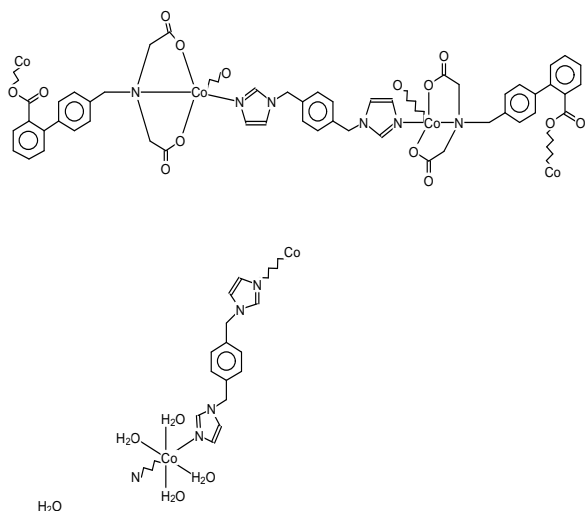
Reference: Rong-Min Han, Jian-Fang Ma, Ying-Ying Liu, Jin Yang (2013) *CrystEngComm*, **15**,5641

Formula: (C₅₀ H₄₂ Co₂ N₆ O₁₂)_n·n(C₁₄ H₂₂ Co₁ N₄ O₄)_{4n}·4n(H₂ O₁)

Compound Name: catena-[bis(μ₂-4'-((bis(carboxylatomethyl)amino)methyl)biphenyl-2-carboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt (μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetraaqua-cobalt tetrahydrate]

Space Group: P-1 **Cell:** a 8.628(0) b 11.714(0) c 16.556(0)
Space Group No.: 2 **(Å, °)** α 78.74(0) β 80.46(0) γ 84.38(0)

R-Factor (%): 3.83 **Temperature(K):** 293 **Density(g/cm³):** 1.520



YOBTAM

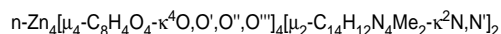
Reference: Jing Cui, Weijiang Zhang (2014) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.*, **44**,1154

Formula: (C₆₄ H₅₂ N₈ O₁₆ Zn₄)_n

Compound Name: catena-[tetrakis(μ₄-isophthalato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-tetra-zinc(ii)]

Space Group: P-1 **Cell:** a 10.887(5) b 10.947(5) c 13.796(5)
Space Group No.: 2 **(Å, °)** α 77.15(0) β 76.48(0) γ 80.12(0)

R-Factor (%): 6.84 **Temperature(K):** 293 **Density(g/cm³):** 1.558



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YOCDIF

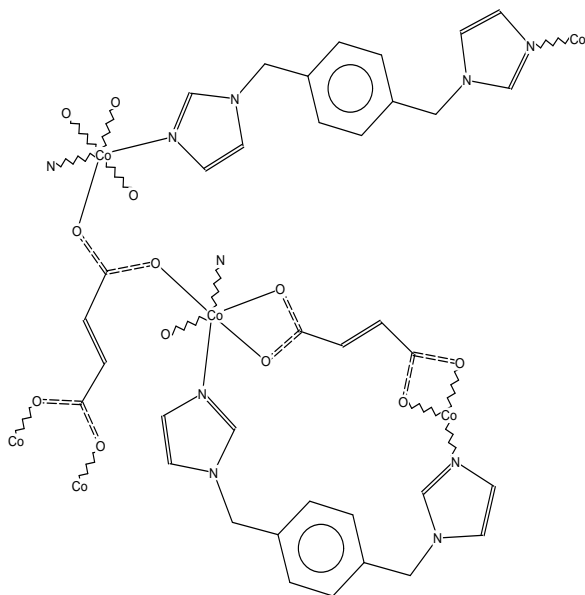
Reference: Ling Zhu, Ying-Shuang Hu, Li-Hua Zhu, Zhe An (2014) *Synth.React.Inorg.,Met.-Org.,Nano-Met.Chem.* ,**44**,1080

Formula: (C₃₆ H₃₂ Co₂ N₈ O₈)_n

Compound Name: catena-[(μ₄-Fumarato)-(μ₂-fumarato)-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-di-cobalt(ii)]

Space Group: C2/c **Cell:** *a* 27.615(1) *b* 15.139(0) *c* 8.237(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 105.62(0) γ 90.00

R-Factor (%): 4.94 **Temperature(K):** 293 **Density(g/cm³):** 1.648



YODBUQ

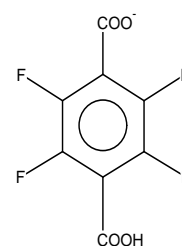
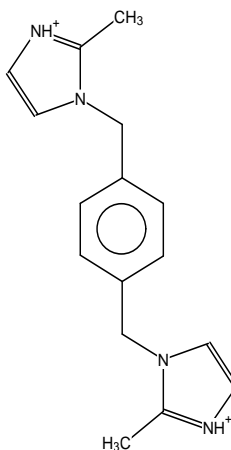
Reference: Lei Wang, Yanjing Hu, Wenqiang Wang, Faqian Liu, Keke Huang (2014) *CrystEngComm* ,**16**,4142

Formula: C₁₆ H₂₀ N₄²⁺·2(C₈ H₁ F₄ O₄¹⁻)

Compound Name: 1,1'-(1,4-Phenylenebis(methylene))bis(2-methyl-1H-imidazol-3-ium) bis(4-carboxy-2,3,5,6-tetrafluorobenzoate)

Space Group: P-1 **Cell:** *a* 7.115(0) *b* 8.415(0) *c* 14.420(1)
Space Group No.: 2 **(Å, °)** α 99.90(0) β 97.07(0) γ 111.88(0)

R-Factor (%): 5.31 **Temperature(K):** 293 **Density(g/cm³):** 1.596



YOGPUG

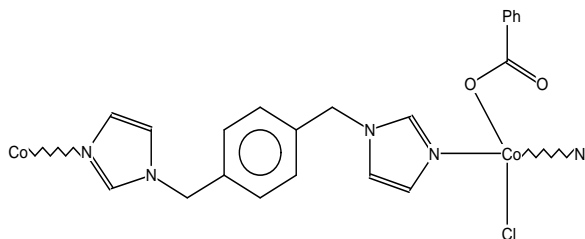
Reference: Yan Qi, Feng Luo, S.R.Batten, Yun-Xia Che, Ji-Min Zheng (2008) *Cryst.Growth Des.* ,**8**,2806

Formula: (C₂₁ H₁₉ Cl₁ Co₁ N₄ O₂)_n

Compound Name: catena-(μ₂-1,4-bis(imidazolylmethyl)benzene)-(benzoato)-chloro-cobalt(ii)

Space Group: P21/c **Cell:** *a* 10.908(2) *b* 12.664(3) *c* 15.038(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 100.02(3) γ 90.00

R-Factor (%): 4.91 **Temperature(K):** 293 **Density(g/cm³):** 1.473



YOGQAN

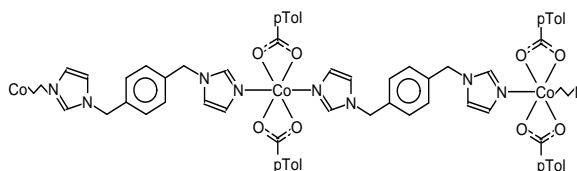
Reference: Yan Qi, Feng Luo, S.R.Batten, Yun-Xia Che, Ji-Min Zheng (2008) *Cryst.Growth Des.* ,**8**,2806

Formula: (C₆₀ H₅₆ Co₂ N₈ O₉)_n

Compound Name: catena-(meso-bis(μ₂-1,4-bis(imidazolylmethyl)benzene)-tetrakis(p-methylbenzoato)-di-cobalt(ii))

Space Group: P21/c **Cell:** *a* 11.549(2) *b* 12.806(3) *c* 21.281(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 116.56(2) γ 90.00

R-Factor (%): 3.93 **Temperature(K):** 293 **Density(g/cm³):** 1.339



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YUCMUF

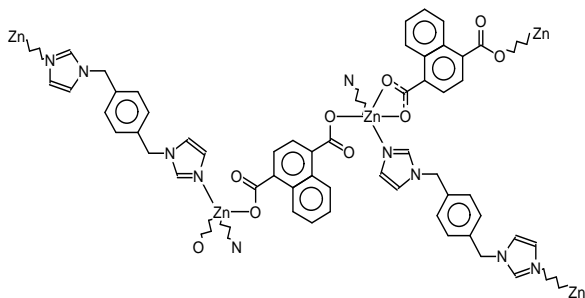
Reference: Ya-Ping Li, Da-Jun Sun, Hu Zang, Guan-Fang Su, Yu-Lin Li (2009) *Acta Crystallogr., Sect. C: Cryst. Struct. Commun.*, **65**, m340

Formula: (C₅₂H₄₀N₈O₈Zn₂)_n

Compound Name: catena-((μ₂-Naphthalene-1,4-dicarboxylato-O,O',O'')-(μ₂-naphthalene-1,4-dicarboxylato-O,O')-bis(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-di-zinc(ii))

Space Group: P-1 **Cell:** a 10.411(0) b 11.575(0) c 19.191(0)
Space Group No.: 2 **(Å, °)** α 96.32(0) β 93.87(0) γ 100.63(0)

R-Factor (%): 4.55 **Temperature(K):** 293 **Density(g/cm³):** 1.529



YUCWOJ

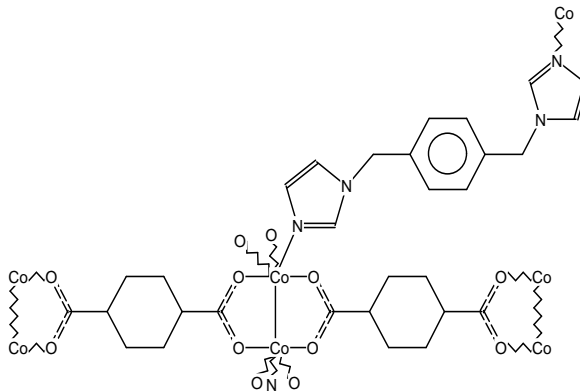
Reference: Q.-D. Yu, D.-J. Sun, E.R.T. Tiekink (2009) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **65**, m1165

Formula: (C₃₀H₃₄Co₂N₄O₈)_n

Compound Name: catena-(bis(μ₄-Cyclohexane-1,4-dicarboxylato-O,O',O'',O''')-(μ₂-1,4-bis(imidazol-1-ylmethyl)benzene-N,N')-di-cobalt(ii))

Space Group: P-1 **Cell:** a 8.542(0) b 8.805(0) c 10.801(0)
Space Group No.: 2 **(Å, °)** α 93.82(0) β 100.94(0) γ 105.41(0)

R-Factor (%): 5.20 **Temperature(K):** 293 **Density(g/cm³):** 1.516



YUDREV

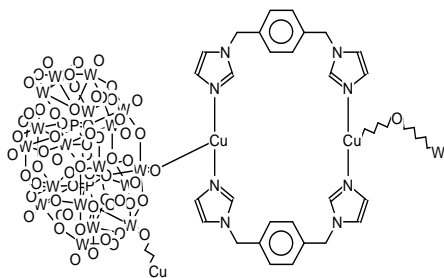
Reference: Peng-peng Zhang, Ai-Xiang Tian, Jun Peng, Hai-Jun Pang, Jing-Quan Sha, Yuan Chen, Min Zhu, Yong-Hui Wang (2009) *Inorg. Chem. Commun.*, **12**, 902

Formula: (C₂₈H₂₈Cu₂N₈O₆₂P₂W₁₈)_n.n(C₁₄H₁₄N₄).n(C₁₄H₁₄Cu₁N₄).2n(H₂O)₁

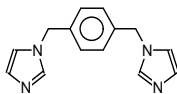
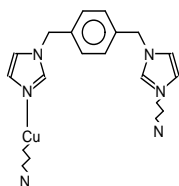
Compound Name: catena-(bis(μ₉-Phosphato)-(1,4-bis(imidazol-1-ylmethyl)benzene)-octatriacontakis(μ₂-oxo)-hexadeca-oxo-di-copper-octadeca-tungsten (μ₂-1,4-bis(imidazol-1-ylmethyl)benzene)-copper (1,4-bis(imidazol-1-ylmethyl)benzene) dihydrate)

Space Group: P21 **Cell:** a 14.376(5) b 24.427(5) c 15.683(5)
Space Group No.: 4 **(Å, °)** α 90.00 β 105.19(0) γ 90.00

R-Factor (%): 6.47 **Temperature(K):** 293 **Density(g/cm³):** 3.464



H₂O



ZANVAN

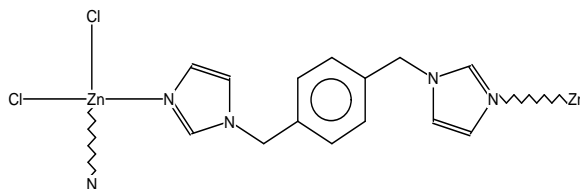
Reference: Cheng Wang, Bo Wen, Zhi-Yao Sun, Peng-Fei Yan, Jin-Sheng Gao (2012) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **68**, m621

Formula: (C₁₄H₁₄Cl₂N₄Zn₁)_n

Compound Name: catena-((μ₂-1-(4-[(1H-imidazol-1-yl)methyl]benzyl)-1H-imidazole)-dichloro-zinc(ii))

Space Group: Pbcn **Cell:** a 11.327(2) b 10.207(2) c 14.452(3)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 2.31 **Temperature(K):** 293 **Density(g/cm³):** 1.489



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 557-560

ZAZBIN

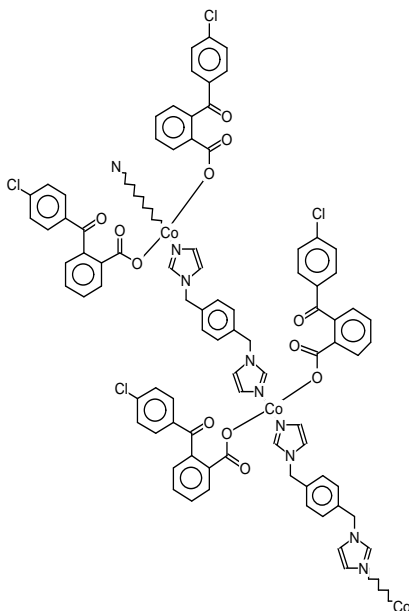
Reference: Xiu-Mei Li, Qing-Wei Wang, Bo Liu (2012) *Jiegou Huaxue(Chin.J.Struct.Chem.)*, **31**,305

Formula: (C₈₄ H₆₀ Cl₄ Co₂ N₈ O₁₂)_n

Compound Name: catena-(bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-tetrakis(2-(4-chlorobenzoyl)benzoato)-di-cobalt)

Space Group: P21/n **Cell:** a 21.148(4) b 15.728(3) c 23.879(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.15(0) γ 90.00

R-Factor (%): 5.67 **Temperature(K):** 292 **Density(g/cm³):** 1.746



ZIMHUA

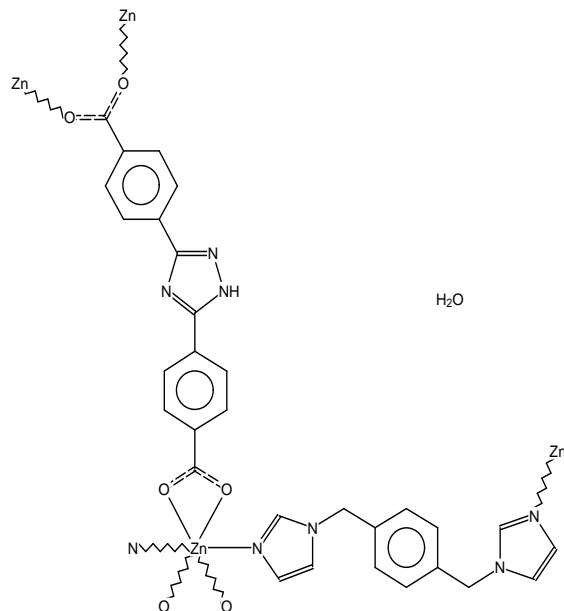
Reference: Xiang-Yang Hou, Xiao Wang, Feng Fu, Ji-Jiang Wang, Long Tang (2013) *J.Coord.Chem.*, **66**,3126

Formula: (C₃₀ H₂₃ N₇ O₄ Zn₁)_n.2n(H₂ O₁)

Compound Name: catena-[(μ₃-4,4'-(1H-1,2,4-Triazole-3,5-diyl)dibenzoato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc(ii) dihydrate]

Space Group: C2/c **Cell:** a 26.712(10) b 12.445(5) c 17.903(6)
Space Group No.: 15 **(Å, °)** α 90.00 β 101.85(1) γ 90.00

R-Factor (%): 7.91 **Temperature(K):** 293 **Density(g/cm³):** 1.476



ZIQCEJ

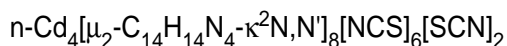
Reference: Fei-Jun Dan, Cai Li, Dong-Sheng Li, Yi-Qiang Mu, Jing-Jing Yang, Jun Zhao (2013) *J.Inorg.Organomet.Polym.Mater.*, **23**, 446

Formula: (C₁₂₀ H₁₁₂ Cd₄ N₄₀ S₈)_n

Compound Name: catena-[octakis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-hexakis(isothiocyanato)-bis(thiocyanato)-tetra-cadmium]

Space Group: P-1 **Cell:** a 9.435(0) b 15.801(0) c 22.850(1)
Space Group No.: 2 **(Å, °)** α 71.16(0) β 79.63(0) γ 89.22(0)

R-Factor (%): 5.82 **Temperature(K):** 293 **Density(g/cm³):** 1.479



JORRAL

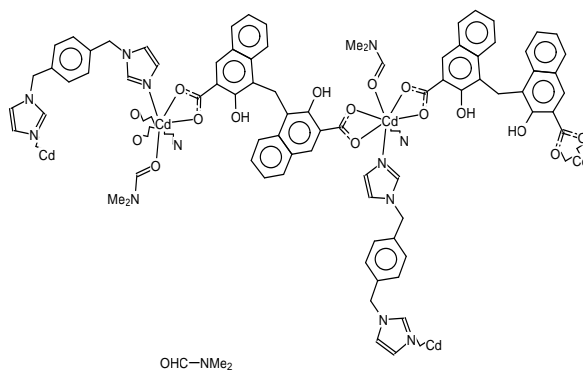
Reference: Tingting Cao, Yanqiang Peng, Ting Liu, Suna Wang, Jianmin Dou, Yunwu Li, Changhui Zhou, Dacheng Li, Junfeng Bai (2014) *CrystEngComm*, **16**,10658

Formula: (C₈₀ H₇₀ Cd₂ N₁₀ O₁₄)_n.n(C₃ H₇ N₁ O₁)

Compound Name: catena-(bis(μ₂-4,4'-Methylenebis(3-hydroxy-2-naphthoato))-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-bis(dimethylformamide)-di-cadmium dimethylformamide solvate)

Space Group: P21/c **Cell:** a 10.476(1) b 33.017(3) c 28.548(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.29(0) γ 90.00

R-Factor (%): 6.17 **Temperature(K):** 298 **Density(g/cm³):** 1.148



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 561-564

KOQKOS

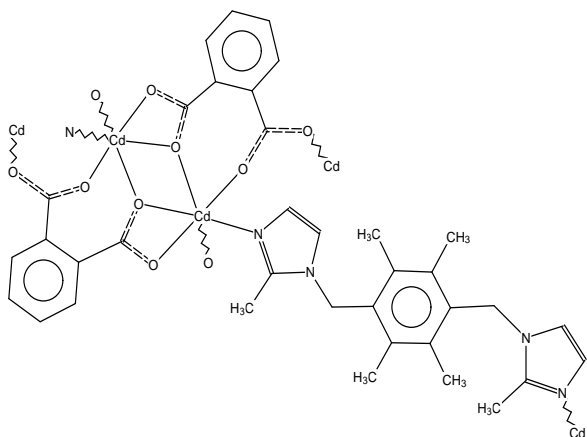
Reference: Yungen Ran, Jixing Xie, Yajuan Mu, Linfen Zhang, Bo Han (2015) *Inorg.Chim.Acta* ,425,17

Formula: (C₃₆ H₃₄ Cd₂ N₄ O₈)_n

Compound Name: catena-[bis(μ-phthalato)-(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-di-cadmium]

Space Group: P21/c **Cell:** a 7.353(1) b 15.123(3) c 15.554(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 103.11(3) γ 90.00

R-Factor (%): 4.83 **Temperature(K):** 293 **Density(g/cm³):** 1.726



KOQKUY

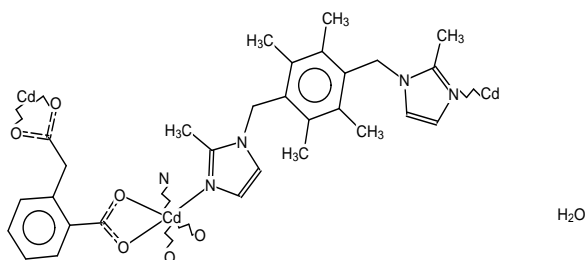
Reference: Yungen Ran, Jixing Xie, Yajuan Mu, Linfen Zhang, Bo Han (2015) *Inorg.Chim.Acta* ,425,17

Formula: (C₂₉ H₃₂ Cd₁ N₄ O₄)_n.n(H₂ O)₁

Compound Name: catena-[(μ-2-(carboxylatomethyl)benzoato)-(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-cadmium monohydrate]

Space Group: Pbc_a **Cell:** a 17.061(0) b 14.688(0) c 22.016(0)
Space Group No.: 61 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.30 **Temperature(K):** 296 **Density(g/cm³):** 1.519



KOQLAF

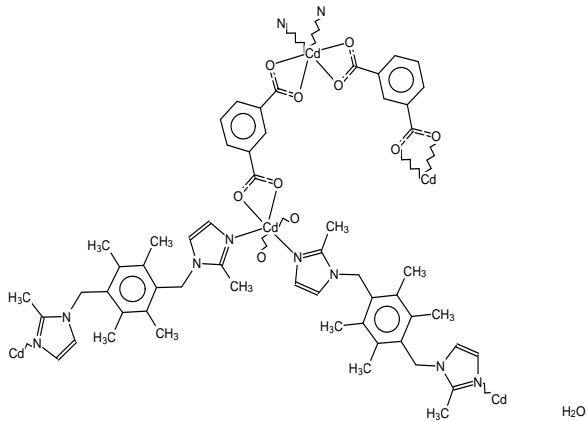
Reference: Yungen Ran, Jixing Xie, Yajuan Mu, Linfen Zhang, Bo Han (2015) *Inorg.Chim.Acta* ,425,17

Formula: (C₅₆ H₆₀ Cd₂ N₈ O₈)_n.3n(H₂ O)₁

Compound Name: catena-[bis(μ-isophthalato)-bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-di-cadmium trihydrate]

Space Group: P21/n **Cell:** a 15.690(3) b 9.094(1) c 21.264(3)
Space Group No.: 13 **(Å, °)** α 90.00 β 101.23(0) γ 90.00

R-Factor (%): 4.73 **Temperature(K):** 296 **Density(g/cm³):** 1.397



KOQLEJ

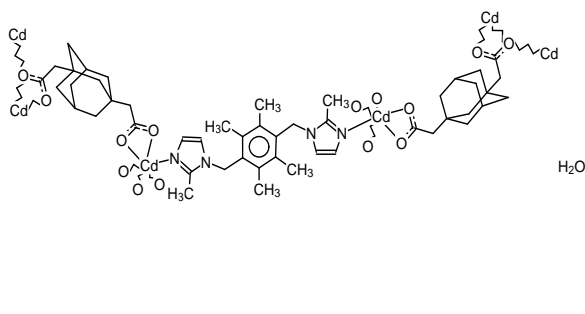
Reference: Yungen Ran, Jixing Xie, Yajuan Mu, Linfen Zhang, Bo Han (2015) *Inorg.Chim.Acta* ,425,17

Formula: (C₄₈ H₆₂ Cd₂ N₄ O₉)_n.2n(H₂ O)₁

Compound Name: catena-[(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-bis(μ-2,2'-tricyclo[3.3.1.1^{3,7}]decane-1,3-diylacetato)-di-cadmium dihydrate]

Space Group: P-1 **Cell:** a 7.753(1) b 12.761(1) c 13.044(1)
Space Group No.: 2 **(Å, °)** α 71.42(0) β 82.88(0) γ 74.77(0)

R-Factor (%): 5.08 **Temperature(K):** 296 **Density(g/cm³):** 1.527



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 565-568

KOQLIN

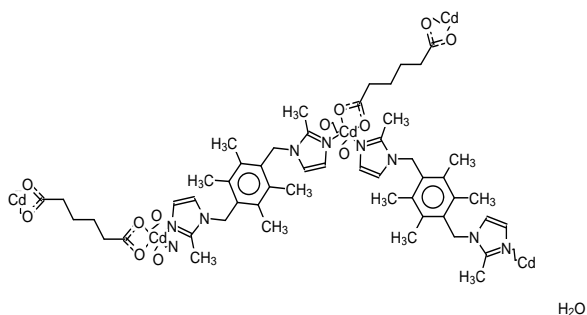
Reference: Yungen Ran, Jixing Xie, Yajuan Mu, Linfen Zhang, Bo Han (2015) *Inorg.Chim.Acta* ,**425**,17

Formula: (C₅₂ H₆₈ Cd₂ N₈ O₈)_n·4n(H₂ O₄)

Compound Name: catena-[bis(μ-adipato)-bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene) bis(methylene))bis(2-methyl-1H-imidazole)]-di-cadmium tetrahydrate

Space Group: P-1 **Cell:** a 11.448(0) b 11.593(0) c 13.375(1)
Space Group No.: 2 **(Å, °)** α 76.50(0) β 78.59(0) γ 64.39(0)

R-Factor (%): 5.55 **Temperature(K):** 296 **Density(g/cm³):** 1.320



MUBYUF

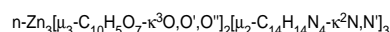
Reference: Bo Li, Hui-Tao Fan, Wen-Chao Song, Chao-Qiang Feng, Shuang-Quan Zang, Li-Ya Wang (2014) *Z.Anorg.Allg.Chem.* ,**640**,2468

Formula: (C₆₂ H₅₂ N₁₂ O₁₄ Zn₃)_n·5n(H₂ O₄)

Compound Name: catena-[bis(μ-3-(carboxylatomethoxy)phthalato)-tris(μ-1,1'-(1,4-phenylene)bis(methylene))bis(1H-imidazole)]-tri-zinc pentahydrate

Space Group: Pccn **Cell:** a 14.506(1) b 20.730(1) c 22.033(1)
Space Group No.: 56 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.91 **Temperature(K):** 293 **Density(g/cm³):** 1.479



H₂O

NOQHUY

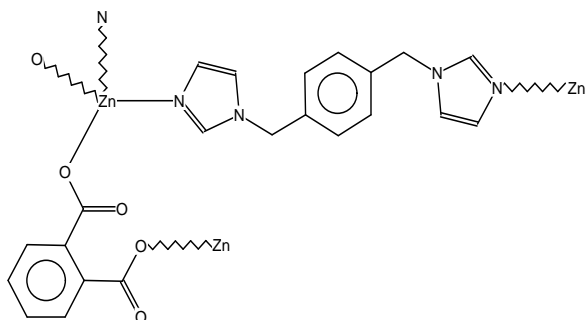
Reference: Ning Zhao, Yue-E Deng, Ping Liu, Cai-Xia An, Tian-Xi Wang, Zhao-Xun Lian (2015) *Polyhedron* ,**85**,607

Formula: (C₂₂ H₁₈ N₄ O₄ Zn₁)_n

Compound Name: catena-[(μ-1,1'-(1,4-phenylene)bis(methylene))bis(1H-imidazole)]-(μ-phthalato)-zinc(ii)

Space Group: Cc **Cell:** a 10.512(1) b 18.819(2) c 10.499(1)
Space Group No.: 9 **(Å, °)** α 90.00 β 102.26(0) γ 90.00

R-Factor (%): 2.69 **Temperature(K):** 293 **Density(g/cm³):** 1.531



NOQJAG

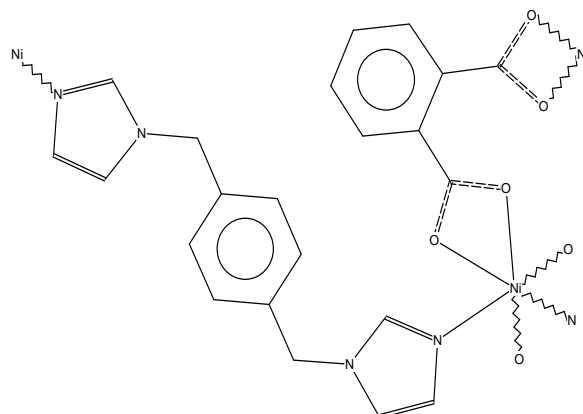
Reference: Ning Zhao, Yue-E Deng, Ping Liu, Cai-Xia An, Tian-Xi Wang, Zhao-Xun Lian (2015) *Polyhedron* ,**85**,607

Formula: (C₂₂ H₁₈ N₄ Ni₁ O₄)_n

Compound Name: catena-[(μ-1,1'-(1,4-phenylene)bis(methylene))bis(1H-imidazole)]-(μ-phthalato)-nickel

Space Group: P21/n **Cell:** a 9.799(0) b 10.298(0) c 19.791(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.42(0) γ 90.00

R-Factor (%): 2.74 **Temperature(K):** 293 **Density(g/cm³):** 1.536



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 569-572

NORCAA

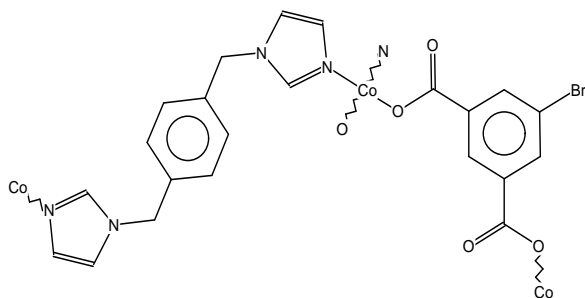
Reference: K.K.Bisht, J.Chaudhari, E.Suresh (2015) *Polyhedron*, **37**, 71

Formula: (C₂₂H₁₇Br₁Co₁N₄O₄)_n

Compound Name: catena-[(μ₂-5-bromoisophthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-cobalt]

Space Group: P2₁/c **Cell:** **a** 10.176(1) **b** 14.367(1) **c** 14.624(1)
Space Group No.: 14 **(Å, °)** **α** 90.00 **β** 106.03(0) **γ** 90.00

R-Factor (%): 3.59 **Temperature(K):** 150 **Density(g/cm³):** 1.746



POSQIZ

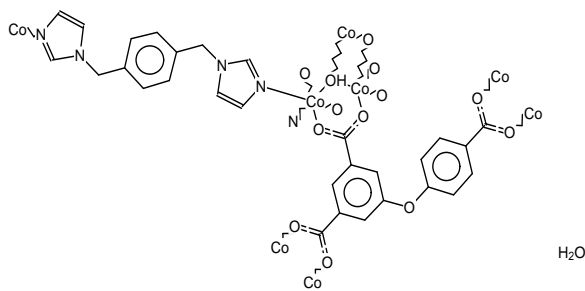
Reference: Y.Li, D.Sun, J.Ming, L.Han, G.Su (2014) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **70**,m376

Formula: (C₂₉H₂₂Co₂N₄O₈)_n·0.25n(H₂O)₁

Compound Name: catena-[(μ₂-5-(4-carboxylatophenoxy)isophthalato)-(μ₂-hydroxo)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt hydrate]

Space Group: P-1 **Cell:** **a** 10.738(0) **b** 10.748(0) **c** 13.559(1)
Space Group No.: 2 **(Å, °)** **α** 95.60(0) **β** 91.50(0) **γ** 118.73(0)

R-Factor (%): 3.65 **Temperature(K):** 173 **Density(g/cm³):** 1.652



QOVWAB

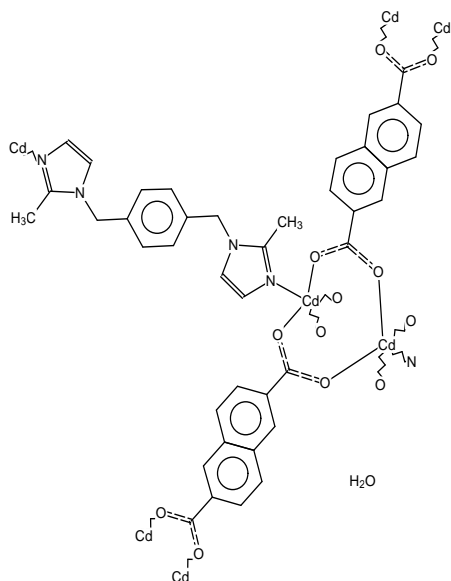
Reference: Zhi-Hao Yan, Wen Wang, Liangliang Zhang, Xiaowei Zhang, Lei Wang, Rongming Wang, Daofeng Sun (2015) *RSC Advances*, **5**,16190

Formula: (C₄₀H₃₀Cd₂N₄O₈)_n·3(H₂O)₁

Compound Name: catena-(bis(μ₂-naphthalene-2,6-dicarboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-di-cadmium trihydrate)

Space Group: P-1 **Cell:** **a** 8.336(0) **b** 10.516(0) **c** 13.455(0)
Space Group No.: 2 **(Å, °)** **α** 105.09(0) **β** 107.87(0) **γ** 90.64(0)

R-Factor (%): 4.00 **Temperature(K):** 295 **Density(g/cm³):** 1.499



QOVWIJ

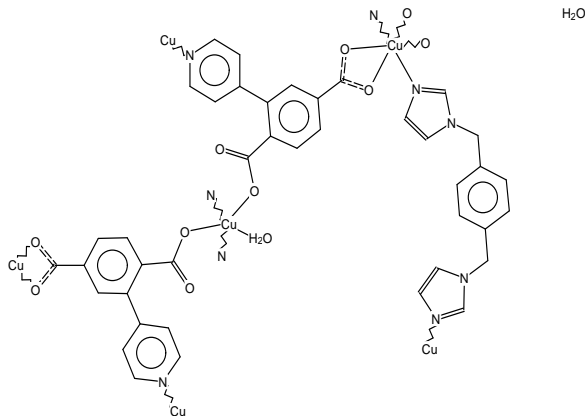
Reference: Liming Fan, Weiliu Fan, Bin Li, Xinzheng Liu, Xian Zhao, Xiutang Zhang (2015) *RSC Advances*, **5**,14897

Formula: (C₄₀H₃₀Cu₂N₆O₉)_n·2(H₂O)₁

Compound Name: catena-(bis(μ₂-2-(pyridin-4-yl)terephthalato)-(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-aqua-di-copper dihydrate)

Space Group: C2/c **Cell:** **a** 24.350(7) **b** 13.403(4) **c** 14.137(4)
Space Group No.: 15 **(Å, °)** **α** 90.00 **β** 123.40(0) **γ** 90.00

R-Factor (%): 3.90 **Temperature(K):** 296 **Density(g/cm³):** 1.555



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SOVQAX

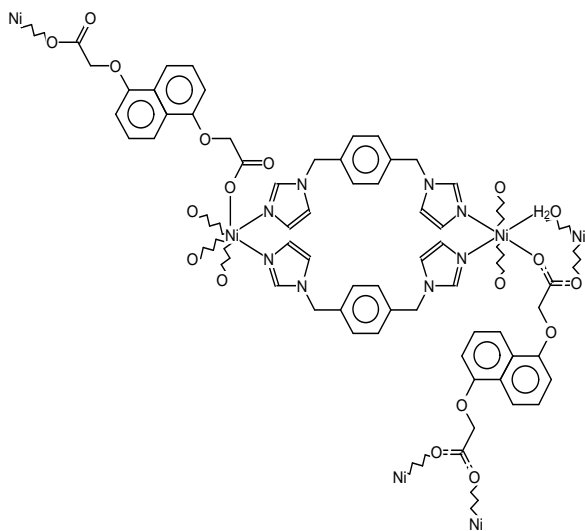
Reference: Lian-Jie Li, Xin-Long Wang, Kui-Zhan Shao, Zhong-Min Su, Hai-Ming Xie (2014) *Solid State Sciences*, **34**,8

Formula: (C₅₆H₅₀N₈Ni₂O₁₃)_n

Compound Name: catena-[(μ₄-2,2'-(Naphthalene-1,5-diylbis(oxy))diacetato)-(μ₂-2,2'-(naphthalene-1,5-diylbis(oxy))diacetato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-nickel]

Space Group: P21/n **Cell:** a 15.905(1) b 13.945(1) c 23.405(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.65(0) γ 90.00

R-Factor (%): 5.30 **Temperature(K):** 293 **Density(g/cm³):** 1.490



TOHVAP

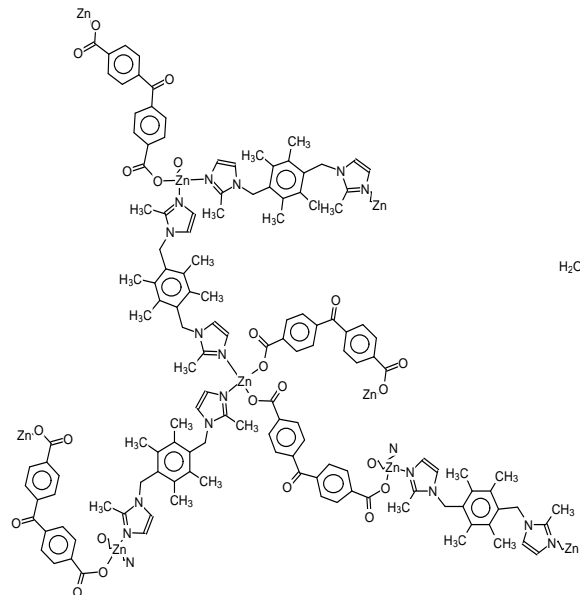
Reference: Yajuan Mu, Yungen Ran, Jixing Xie, Bo Han, Xiaoli Ma (2014) *Inorg.Chem.Commun.*, **46**,324

Formula: (C₁₄₀H₁₃₆N₁₆O₂₀Zn₄)_n·5(H₂O)

Compound Name: catena-[tetrakis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene))bis(2-methyl-1H-imidazole)-tetrakis(μ-4,4'-carbonyldibenzoato)-tetra-zinc(ii) pentahydrate]

Space Group: P21212 **Cell:** a 20.936(0) b 26.705(1) c 12.335(0)
Space Group No.: 18 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.92 **Temperature(K):** 296 **Density(g/cm³):** 1.307



TOYJOI

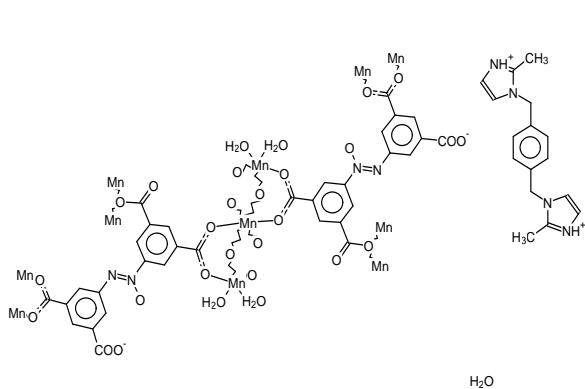
Reference: Liming Fan, Weiliu Fan, Bin Li, Xinzheng Liu, Xian Zhao, Xiutang Zhang (2015) *Dalton Trans.*, **44**,2380

Formula: (C₃₂H₂₀Mn₃N₄O₂₂)_n·n(C₁₆H₂₀N₄·2H₂O)

Compound Name: catena-(1,4-bis(2-Methylimidazol-3-ium-1-ylmethyl)benzene bis(μ₇-N-oxy-3,3',5,5'-azobenzenetetracarboxylato)-tetra-aqua-tri-manganese dihydrate)

Space Group: P-1 **Cell:** a 9.777(1) b 12.204(2) c 12.262(2)
Space Group No.: 2 **(Å, °)** α 72.09(0) β 85.52(0) γ 73.13(0)

R-Factor (%): 5.65 **Temperature(K):** 273 **Density(g/cm³):** 1.598



TOYKAV

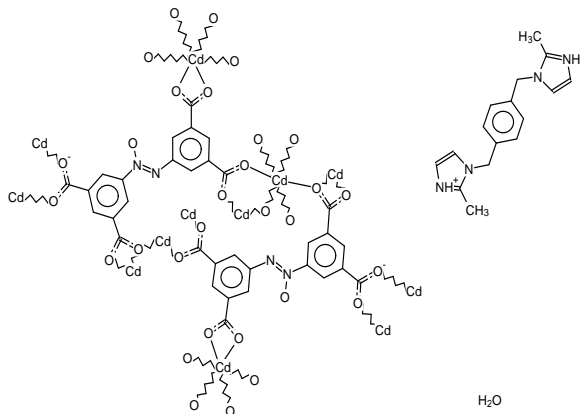
Reference: Liming Fan, Weiliu Fan, Bin Li, Xinzheng Liu, Xian Zhao, Xiutang Zhang (2015) *Dalton Trans.*, **44**,2380

Formula: (C₃₂H₁₂Cd₃N₄O₁₈)_n·n(C₁₆H₂₀N₄·2H₂O)

Compound Name: catena-(1,4-bis(2-Methylimidazol-3-ium-1-ylmethyl)benzene bis(μ₇-N-oxy-3,3',5,5'-azobenzenetetracarboxylato)-tri-cadmium dihydrate)

Space Group: P-1 **Cell:** a 9.973(2) b 10.452(2) c 12.671(3)
Space Group No.: 2 **(Å, °)** α 111.60(0) β 104.23(0) γ 93.00(0)

R-Factor (%): 3.29 **Temperature(K):** 273 **Density(g/cm³):** 1.953



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 577-580

WOVFAQ

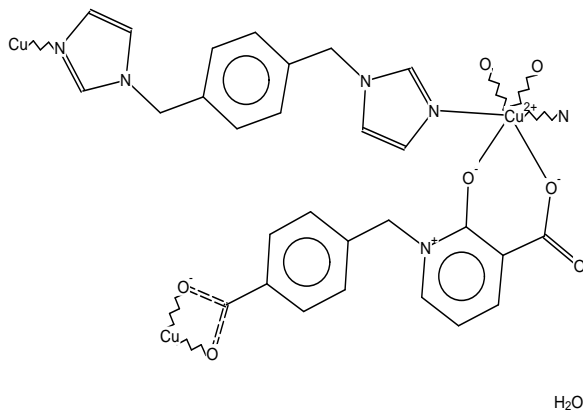
Reference: Ying-Ying Liu, Jin Yang, Jian-Fang Ma (2014) *Z.Anorg.Allg.Chem.* **640**,2217

Formula: (C₂₈ H₂₃ Cu₁ N₅ O₅)_n·2(H₂ O)₁

Compound Name: catena-[(μ₂-1-(4-carboxylatobenzyl)-2-oxidopyridinium-3-carboxylato)-(μ₂-1,1'-(1,4-phenylenebis(methylene)bis(1H-imidazole))-copper dihydrate]

Space Group: Pbcn **Cell:** a 17.463(1) b 14.438(3) c 21.462(1)
Space Group No.: 60 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 6.10 **Temperature(K):** 293 **Density(g/cm³):** 1.495



XODHIJ

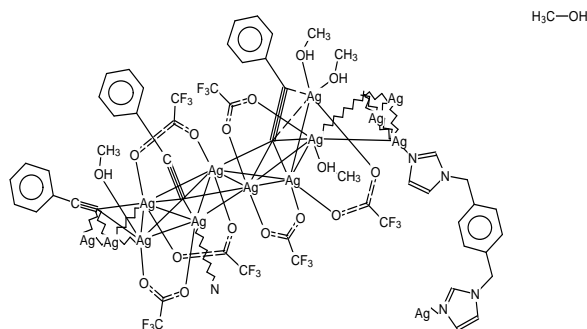
Reference: Jin Yang, Ting Hu, T.C.W.Mak (2014) *Cryst.Growth Des.* , **14**,2990

Formula: (C₅₄ H₄₅ Ag₉ F₁₈ N₄ O₁₆)_n·C₁ H₄ O₁

Compound Name: catena-(tris(μ-phenylethynyl)-(μ-1,4-bis(imidazol-1-ylmethyl)benzene)-hexakis(μ-trifluoroacetato)-tetrakis(methanol)-nona-silver methanol solvate)

Space Group: P-1 **Cell:** a 10.922(1) b 13.425(2) c 26.111(4)
Space Group No.: 2 **(Å, °)** α 76.31(0) β 88.57(0) γ 73.00(0)

R-Factor (%): 7.88 **Temperature(K):** 293 **Density(g/cm³):** 2.197



XODHOP

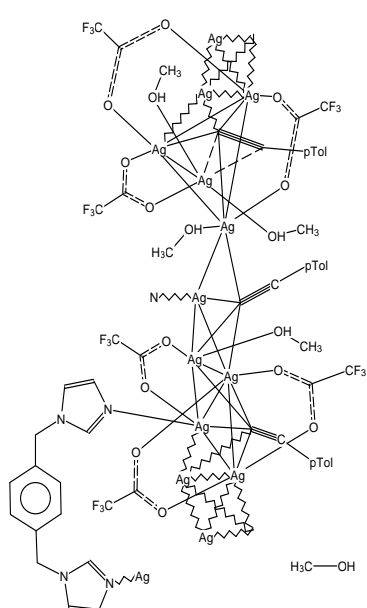
Reference: Jin Yang, Ting Hu, T.C.W.Mak (2014) *Cryst.Growth Des.* , **14**,2990

Formula: (C₅₇ H₅₁ Ag₉ F₁₈ N₄ O₁₆)_n·C₁ H₄ O₁

Compound Name: catena-(tris(μ-p-tolylethynyl)-(μ-1,4-bis(imidazol-1-ylmethyl)benzene)-hexakis(μ-trifluoroacetato)-tetrakis(methanol)-nona-silver methanol solvate)

Space Group: P-1 **Cell:** a 10.958(1) b 13.359(1) c 27.408(4)
Space Group No.: 2 **(Å, °)** α 76.03(0) β 89.12(0) γ 72.50(0)

R-Factor (%): 9.35 **Temperature(K):** 293 **Density(g/cm³):** 2.144



XODNOV

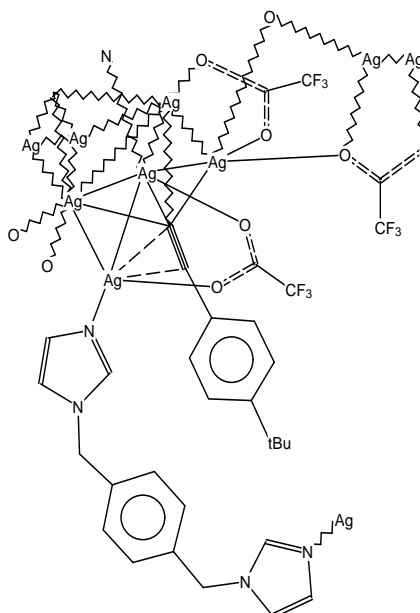
Reference: Jin Yang, Ting Hu, T.C.W.Mak (2014) *Cryst.Growth Des.* , **14**,2990

Formula: (C₃₂ H₂₇ Ag₄ F₉ N₄ O₆)_n

Compound Name: catena-(μ-4-t-butylphenylethynyl)-(μ-1,4-bis(imidazol-1-ylmethyl)benzene)-tris(μ-trifluoroacetato)-tetra-silver)

Space Group: P-1 **Cell:** a 9.628(0) b 14.436(1) c 14.914(1)
Space Group No.: 2 **(Å, °)** α 67.03(0) β 74.90(0) γ 85.48(0)

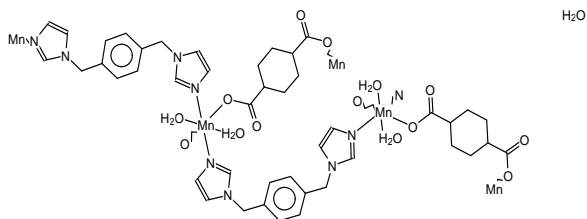
R-Factor (%): 9.80 **Temperature(K):** 293 **Density(g/cm³):** 2.103



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 581-584

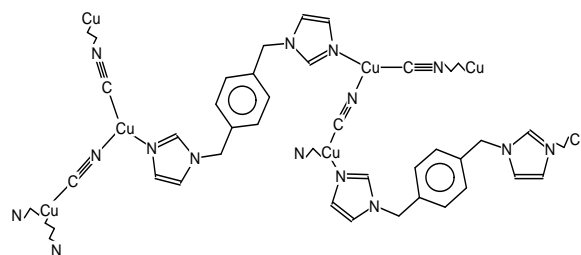
XOTXUB

Reference: Haitao Xu, Jing Ye, Yongxia Gou (2014) *Private Communication*,
Formula: $(C_{44}H_{56}Mn_2N_8O_{12})n \cdot 4(H_2O)_1$
Compound Name: catena-[bis(μ -cyclohexane-1,4-dicarboxylato)-bis(μ -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetra-aqua-di-manganese tetrahydrate]
Space Group: P21/c **Cell:** a 22.297(15) b 5.501(4) c 20.799(13)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 97.54(0) γ 90.00
R-Factor (%): 5.85 **Temperature(K):** 293 **Density(g/cm³):** 1.406



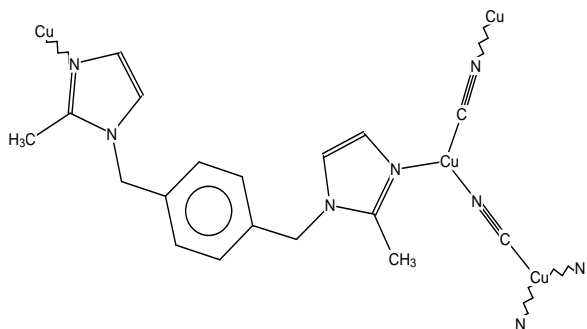
ZOTHIB

Reference: Rong-Yi Huang, Chen Xue, Chang-Hai Zhu, Zhu-Qing Wang, Heng Xu, Xiao-Ming Ren (2015) *RSC Advances* 4, 61200
Formula: $(C_{32}H_{28}Cu_4N_{12})n$
Compound Name: catena-[bis(μ -1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetrakis(μ -cyano)-tetra-copper]
Space Group: P21/c **Cell:** a 8.792(0) b 15.379(0) c 14.400(0)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 122.69(0) γ 90.00
R-Factor (%): 2.59 **Temperature(K):** 293 **Density(g/cm³):** 1.692



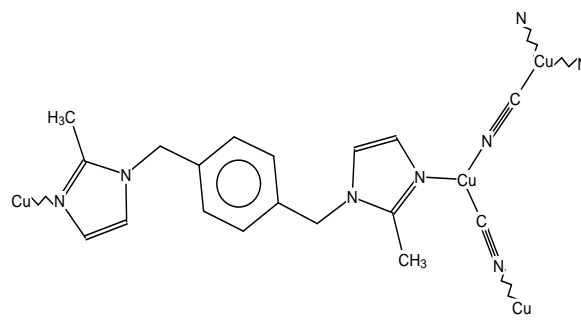
ZOTHOH

Reference: Rong-Yi Huang, Chen Xue, Chang-Hai Zhu, Zhu-Qing Wang, Heng Xu, Xiao-Ming Ren (2015) *RSC Advances* 4, 61200
Formula: $(C_{18}H_{18}Cu_2N_6)n$
Compound Name: catena-[(μ -1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-bis(μ -cyano)-di-copper]
Space Group: C2/c **Cell:** a 15.723(0) b 14.189(0) c 9.154(0)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 101.66(0) γ 90.00
R-Factor (%): 3.34 **Temperature(K):** 296 **Density(g/cm³):** 1.479



ZOTHOH01

Reference: Rong-Yi Huang, Chen Xue, Chang-Hai Zhu, Zhu-Qing Wang, Heng Xu, Xiao-Ming Ren (2015) *RSC Advances* 4, 61200
Formula: $(C_{18}H_{18}Cu_2N_6)n$
Compound Name: catena-[(μ -1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-bis(μ -cyano)-di-copper]
Space Group: Fddd **Cell:** a 13.868(3) b 22.973(4) c 24.215(4)
Space Group No.: 70 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00
R-Factor (%): 3.87 **Temperature(K):** 296 **Density(g/cm³):** 1.534



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 585-588

BUCWED

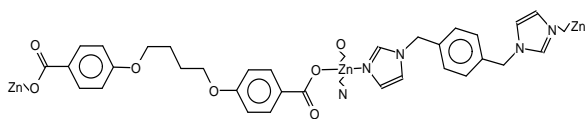
Reference: Qing-Wei Wang, Ya-Nan Wang, Xiu-Mei Li, Bo Liu, Zhi-Guo Kong (2014) *Wuji Huaxue Xuebao(Chin.)*(*Chin.J.Inorg.Chem.*) , **30**,2219

Formula: (C₃₂ H₃₀ N₄ O₆ Zn₁)_n

Compound Name: catena-[$(\mu-4,4'$ -[butane-1,4-diy]bis(oxy))dibenzoato-($\mu-1,1'$ -(1,4-phenylenebis(methylene))bis(1H-imidazole))-zinc]

Space Group: P2₁/c **Cell:** a 11.592(1) b 7.776(1) c 17.078(3)
Space Group No.: 13 **(Å, °)** α 90.00 β 96.28(0) γ 90.00

R-Factor (%): 4.90 **Temperature(K):** 293 **Density(g/cm³):** 1.372



COVNUY

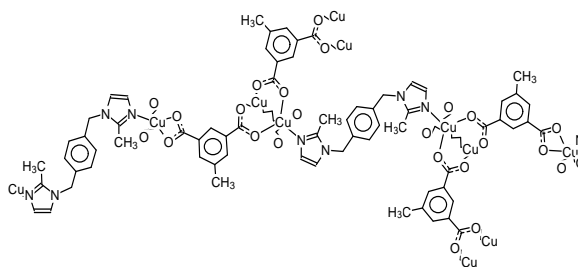
Reference: Chun-Lun Ming, Pei-Juan Ma, Guang-Yue Li, Guang-Hua Cui (2014) *Jiegou Huaxue(Chin.J.Struct.Chem.)* , **33**,1339

Formula: (C₆₈ H₆₀ Cu₄ N₈ O₁₆)_n

Compound Name: catena-[tetrakis($\mu-5$ -methylisophthalato)-bis($\mu-1,1'$ -(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-tetra-copper]

Space Group: P-1 **Cell:** a 9.435(5) b 12.241(6) c 13.666(6)
Space Group No.: 2 **(Å, °)** α 93.55(0) β 94.40(0) γ 94.37(0)

R-Factor (%): 4.75 **Temperature(K):** 293 **Density(g/cm³):** 1.590



COVPOU

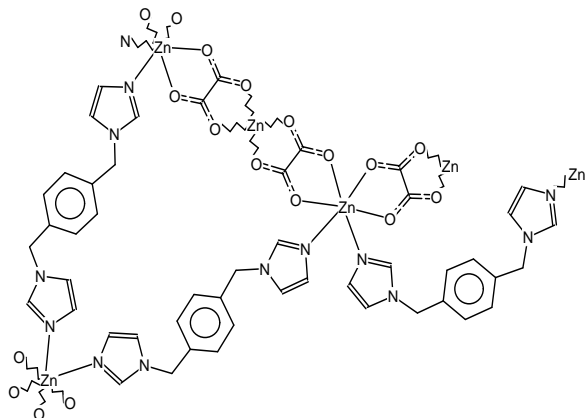
Reference: Bin Li, Li-Ming Fan, Wei-Kuo Song, Xin-Zheng Liu, Xiu-Tang Zhang (2014) *Jiegou Huaxue(Chin.J.Struct.Chem.)* , **33**,1311

Formula: (C₄₈ H₄₂ N₁₂ O₁₂ Zn₃)_n

Compound Name: catena-[tris(μ -oxalato)-tris($\mu-1,1'$ -(1,4-phenylenebis(methylene))bis(1H-imidazole))-tri-zinc]

Space Group: C2/c **Cell:** a 23.807(1) b 15.688(1) c 13.246(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 93.00(0) γ 90.00

R-Factor (%): 7.37 **Temperature(K):** 293 **Density(g/cm³):** 1.580



FUHLEB

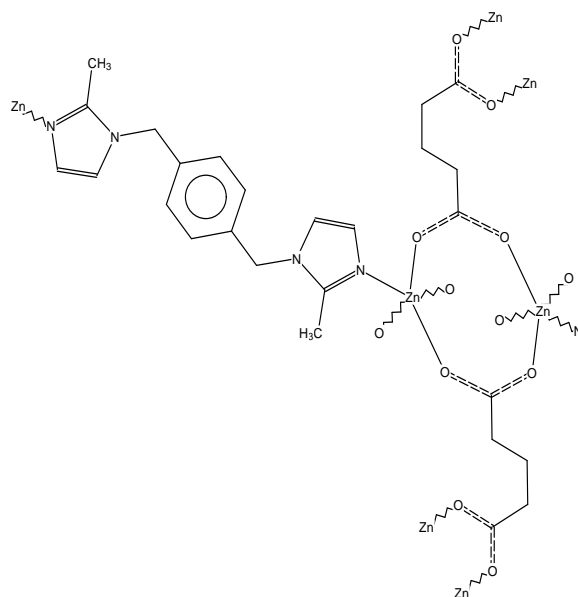
Reference: Zhi Yang, Shan-Shan Han, Ling-Yun Zheng, Yan-Fen Peng, Bao-Long Li, Hai-Yan Li (2015) *J.Coord.Chem.* , **68**, 1213

Formula: (C₂₆ H₃₀ N₄ O₈ Zn₂)_n

Compound Name: catena-[bis($\mu-1,1'$ -(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole))-bis(μ -glutarato)-di-zinc]

Space Group: P2₁/a **Cell:** a 9.901(2) b 13.538(3) c 9.962(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.74(3) γ 90.00

R-Factor (%): 3.25 **Temperature(K):** 223 **Density(g/cm³):** 1.637



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 589-592

FUHLIF

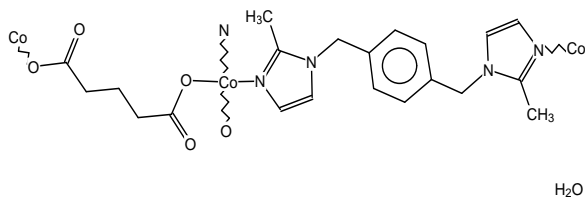
Reference: Zhi Yang, Shan-Shan Han, Ling-Yun Zheng, Yan-Fen Peng, Bao-Long Li, Hai-Yan Li (2015) *J.Coord.Chem.* ,**68**, 1213

Formula: (C₂₁H₂₄Co₁N₄O₄)_n·4(H₂O)₁

Compound Name: catena-[bis(μ-1,1'-(1,4-phenylenebis(methylene))bis(2-methyl-1H-imidazole)-(μ-glutarato)-cobalt tetrahydrate)]

Space Group: P2₁/c **Cell:** a 9.666(4) b 17.712(8) c 15.214(7)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.82(1) γ 90.00

R-Factor (%): 6.86 **Temperature(K):** 223 **Density(g/cm³):** 1.355



GUDBAK

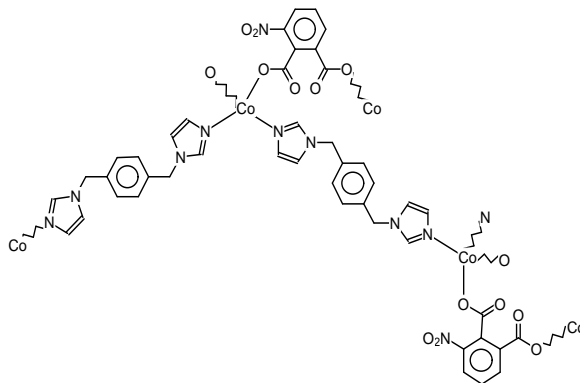
Reference: Xu Zhang, Ming Ge, K.Van Hecke, Guang-Hua Cui (2015) *Jiegou Huaxue(Chin.J.Struct.Chem.)* ,**34**,599

Formula: (C₄₄H₃₄Co₂N₁₀O₁₂)_n

Compound Name: catena-[bis(μ-3-nitrophthalato)-bis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt]

Space Group: P-1 **Cell:** a 9.377(1) b 10.145(1) c 12.149(1)
Space Group No.: 2 **(Å, °)** α 102.65(0) β 108.86(0) γ 98.81(0)

R-Factor (%): 3.89 **Temperature(K):** 296 **Density(g/cm³):** 1.624



GUKZAP

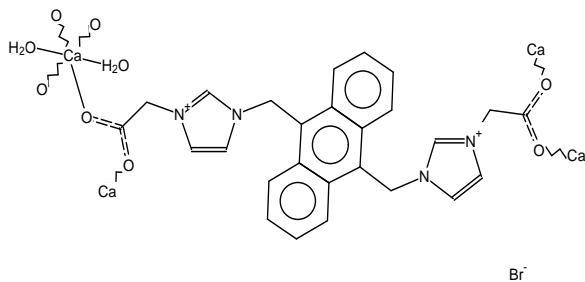
Reference: P.Suresh, C.N.Babu, N.Sampath, G.Prabusankar (2015) *Dalton Trans.* ,**44**,7338

Formula: (C₂₆H₂₆Ca₁N₄O₆²⁺)_n·2(Br₁⁻)

Compound Name: catena-[(μ₄-2,2'-(anthracene-9,10-diylbis(methanediyl-1H-imidazol-3-ium-1,3-diyl))diacetato)-diaqua-calcium bis(bromide)]

Space Group: P-1 **Cell:** a 4.675(1) b 11.632(3) c 13.537(3)
Space Group No.: 2 **(Å, °)** α 76.89(1) β 84.11(1) γ 85.17(1)

R-Factor (%): 7.87 **Temperature(K):** 150 **Density(g/cm³):** 1.611



RUFVAR

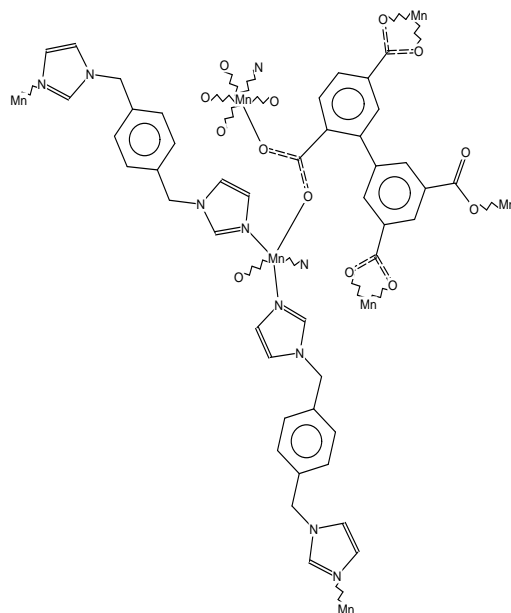
Reference: Ying Zhao, Xin-Hong Chang, Guang-Zhen Liu, Lu-Fang Ma, Li-Ya Wang (2015) *Cryst.Growth Des.* ,**15**,966

Formula: (C₄₄H₃₄Mn₂N₈O₈)_n

Compound Name: catena-[(μ₅-Biphenyl-2,3',5,5'-tetracarboxylato)-bis(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-manganese]

Space Group: P2₁/n **Cell:** a 14.962(1) b 15.011(1) c 17.596(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.09(0) γ 90.00

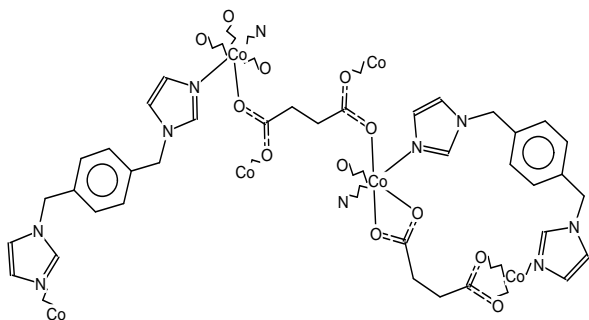
R-Factor (%): 3.14 **Temperature(K):** 296 **Density(g/cm³):** 1.549



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 593-596

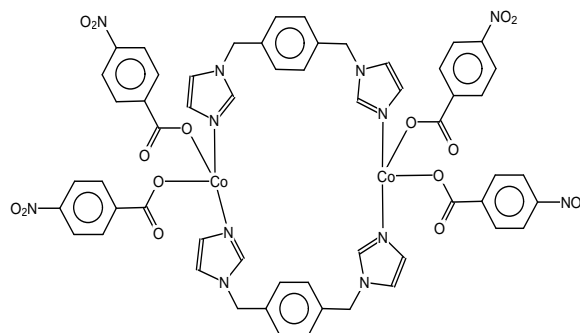
UGILAZ

Reference: Yue Wang, Yan Qi (2014) *Z.Anorg.Allg.Chem.* , **640**,2609
Formula: (C₃₆ H₃₆ Co₂ N₈ O₈)_n
Compound Name: catena-[bis(μ-succinato)-bis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt]
Space Group: Pbcn **Cell:** a 8.246(1) b 15.094(3) c 26.602(5)
Space Group No.: 60 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00
R-Factor (%): 2.86 **Temperature(K):** 293 **Density(g/cm³):** 1.658



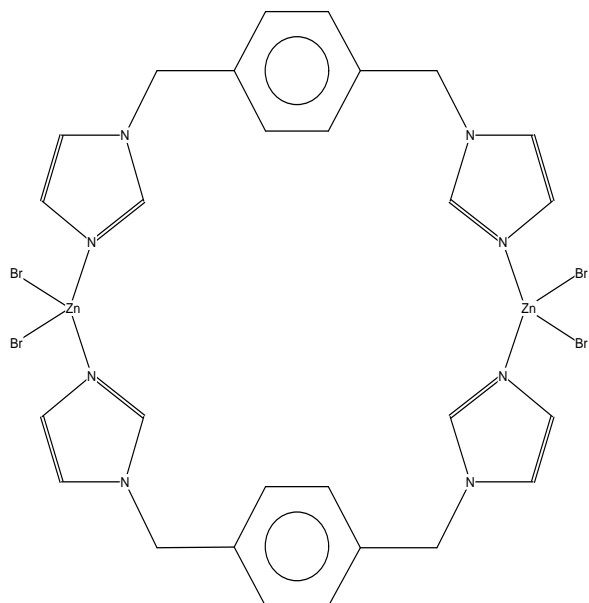
UGILON

Reference: Yue Wang, Yan Qi (2014) *Z.Anorg.Allg.Chem.* , **640**,2609
Formula: C₅₆ H₄₄ Co₂ N₁₂ O₁₆
Compound Name: tetrakis(4-nitrobenzoato)-bis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-cobalt
Space Group: P-1 **Cell:** a 10.034(2) b 12.677(3) c 13.323(3)
Space Group No.: 2 **Cell:** (Å, °) α 62.40(3) β 83.57(3) γ 70.81(3)
R-Factor (%): 7.36 **Temperature(K):** 298 **Density(g/cm³):** 1.476



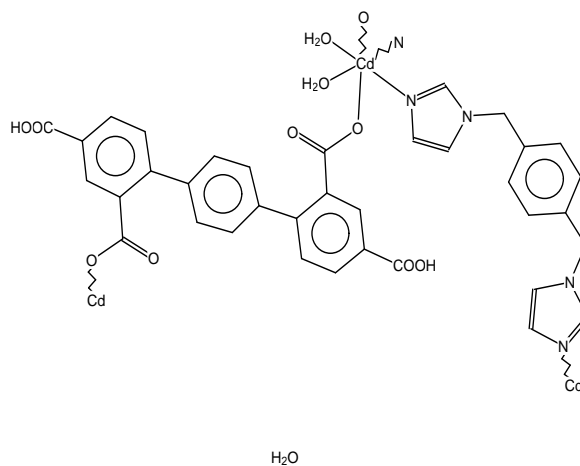
UGOJIL

Reference: P.Suresh, C.N.Babu, G.Prabusankar (2015) *Polyhedron* , **93**,84
Formula: C₂₈ H₂₈ Br₄ N₈ Zn₂
Compound Name: tetrabromo-bis(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-di-zinc unknown solvate
Space Group: C2/m **Cell:** a 12.557(1) b 21.483(1) c 8.290(1)
Space Group No.: 12 **Cell:** (Å, °) α 90.00 β 119.39(1) γ 90.00
R-Factor (%): 3.68 **Temperature(K):** 150 **Density(g/cm³):** 1.580



VOXQAC

Reference: Ji-Jiang Wang, Long Tang, Mei-Li Zhang, Lou-Jun Gao, Yi-Xia Ren, Xiang-Yang Hou, Feng Fu (2015) *J.Mol.Struct.* , **1085**,215
Formula: (C₃₆ H₃₀ Cd₁ N₄ O₁₀)_n.2n(H₂O)₁
Compound Name: catena-((μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-((μ₂-dihydrogen 1,1':4',1''-terphenyl-2,2',4,4''-tetracarboxylato)-diaqua-cadmium dihydrate)
Space Group: C2/c **Cell:** a 20.735(3) b 14.018(1) c 13.709(2)
Space Group No.: 15 **Cell:** (Å, °) α 90.00 β 116.94(0) γ 90.00
R-Factor (%): 3.56 **Temperature(K):** 293 **Density(g/cm³):** 1.547



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 597-600

VOZCOE

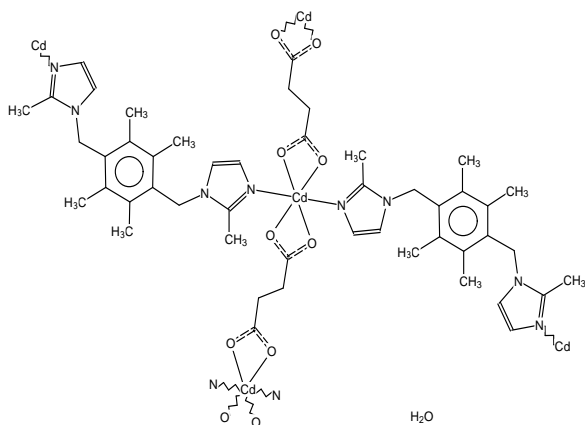
Reference: Ya-Juan Mu, Ji-Xing Xie, Yun-Gen Ran, Bo Han, Gui-Fang Qin (2015) *Polyhedron* ,89,20

Formula: (C₄₈ H₆₀ Cd₂ N₈ O₈)_n·4(H₂O)₁

Compound Name: catena-[bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)) bis(2-methyl-1H-imidazole)-bis(μ-succinato)-di-cadmium tetrahydrate]

Space Group: C2/c **Cell:** a 15.233(0) b 22.328(0) c 15.895(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 102.41(0) γ 90.00

R-Factor (%): 2.64 **Temperature(K):** 296 **Density(g/cm³):** 1.477



VOZCUK

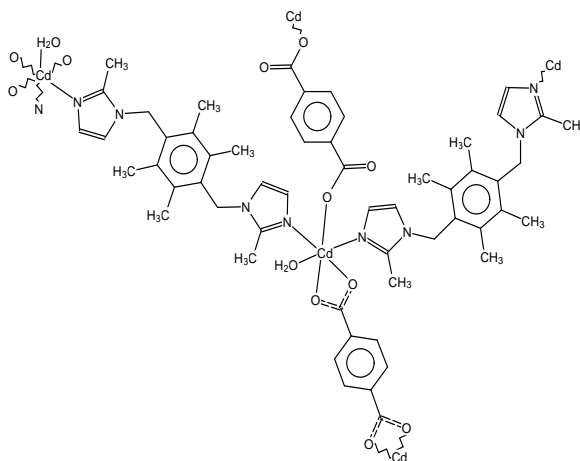
Reference: Ya-Juan Mu, Ji-Xing Xie, Yun-Gen Ran, Bo Han, Gui-Fang Qin (2015) *Polyhedron* ,89,20

Formula: (C₅₆ H₆₄ Cd₂ N₈ O₁₀)_n

Compound Name: catena-[bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)) bis(2-methyl-1H-imidazole)-bis(terephthalato)-di-cadmium]

Space Group: P-1 **Cell:** a 9.406(1) b 10.716(2) c 14.784(3)
Space Group No.: 2 **(Å, °)** α 77.92(3) β 79.02(3) γ 88.34(3)

R-Factor (%): 3.15 **Temperature(K):** 293 **Density(g/cm³):** 1.433



VOZDAR

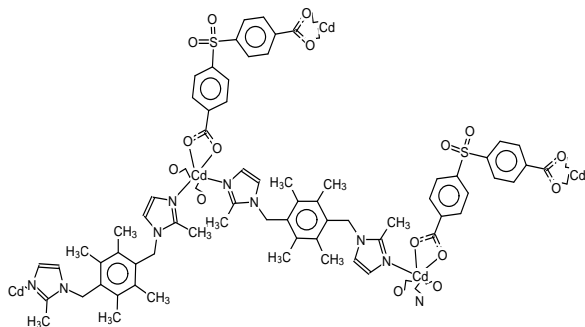
Reference: Ya-Juan Mu, Ji-Xing Xie, Yun-Gen Ran, Bo Han, Gui-Fang Qin (2015) *Polyhedron* ,89,20

Formula: (C₆₈ H₆₈ Cd₂ N₈ O₁₂ S₂)_n

Compound Name: catena-[bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)) bis(2-methyl-1H-imidazole)-bis(μ-4,4'-sulfonyldibenzoato)-di-cadmium]

Space Group: C2/c **Cell:** a 23.279(5) b 15.052(3) c 20.739(4)
Space Group No.: 15 **(Å, °)** α 90.00 β 106.21(3) γ 90.00

R-Factor (%): 8.23 **Temperature(K):** 293 **Density(g/cm³):** 1.407



VOZDEV

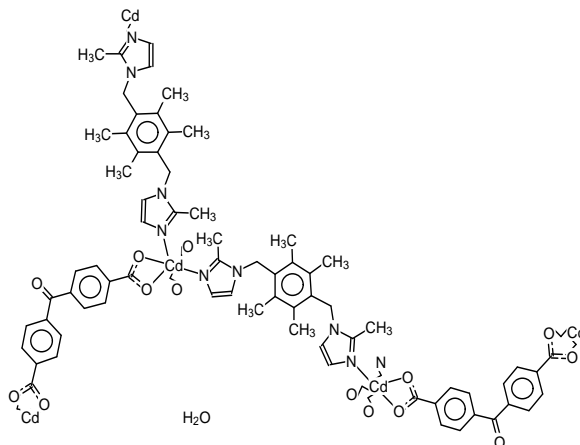
Reference: Ya-Juan Mu, Ji-Xing Xie, Yun-Gen Ran, Bo Han, Gui-Fang Qin (2015) *Polyhedron* ,89,20

Formula: (C₇₀ H₆₈ Cd₂ N₈ O₁₀)_n·16(H₂O)₁

Compound Name: catena-[bis(μ-1,1'-(2,3,5,6-tetramethyl-1,4-phenylene)bis(methylene)) bis(2-methyl-1H-imidazole)-bis(μ-4,4'-carbonyldibenzoato)-di-cadmium hexadecahydrate]

Space Group: C2/c **Cell:** a 24.467(0) b 14.746(0) c 24.116(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 107.80(0) γ 90.00

R-Factor (%): 4.40 **Temperature(K):** 296 **Density(g/cm³):** 1.359



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 601-604

XUMFIW

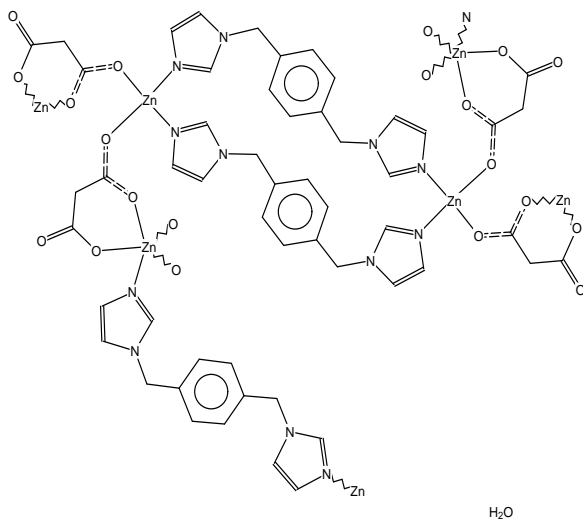
Reference: Jin-Xia Yang, Ye-Yan Qin, Jian-Kai Cheng, Xin Zhang, Yuan-Gen Yao (2015) *Cryst.Growth Des.* ,

Formula: (C₅₄ H₅₀ N₁₂ O₁₆ Zn₄)n,6n(H₂ O₁)

Compound Name: catena-(tetrakis(μ₂-Malonato)-tris(μ₂-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-tetra-zinc hexahydrate)

Space Group: P-1 **Cell:** *a* 10.916(1) *b* 13.325(1) *c* 13.534(1)
Space Group No.: 2 **(Å, °)** α 118.20(1) β 103.03(0) γ 98.46(0)

R-Factor (%): 5.10 **Temperature(K):** 293 **Density(g/cm³):** 1.535



XUMFOC

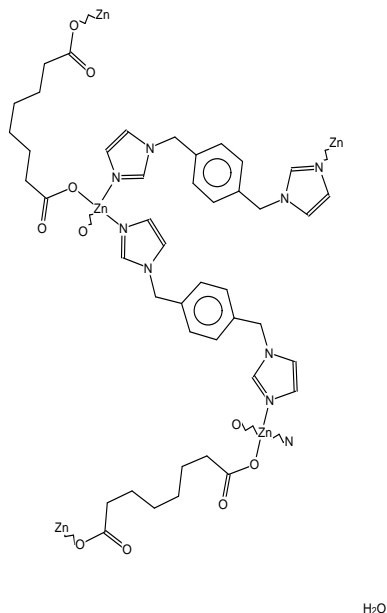
Reference: Jin-Xia Yang, Ye-Yan Qin, Jian-Kai Cheng, Xin Zhang, Yuan-Gen Yao (2015) *Cryst.Growth Des.* ,

Formula: (C₄₄ H₅₂ N₈ O₈ Zn₂)n,6n(H₂ O₁)

Compound Name: catena-(bis(μ₂-1,1'-(1,4-Phenylenebis(methylene))bis(1H-imidazole))-bis(μ₂-suberato)-di-zinc hexahydrate)

Space Group: P21/n **Cell:** *a* 7.958(1) *b* 15.736(1) *c* 20.212(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.00(1) γ 90.00

R-Factor (%): 7.67 **Temperature(K):** 293 **Density(g/cm³):** 1.396



YOYWUG

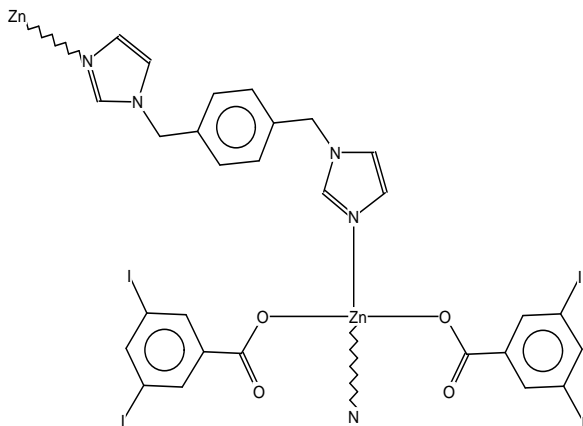
Reference: Bo Li, Ming-Ming Dong, Hui-Tao Fan, Chao-Qiang Feng, Shuang-Quan Zang, Li-Ya Wang (2014) *Cryst.Growth Des.* ,14,6325

Formula: (C₂₈ H₂₀ I₄ N₄ O₄ Zn₁)n

Compound Name: catena-[(μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-bis(3,5-diiodobenzoato)-zinc]

Space Group: P21/c **Cell:** *a* 13.853(0) *b* 13.313(0) *c* 17.130(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.34(0) γ 90.00

R-Factor (%): 4.23 **Temperature(K):** 293 **Density(g/cm³):** 2.213



YOYXOB

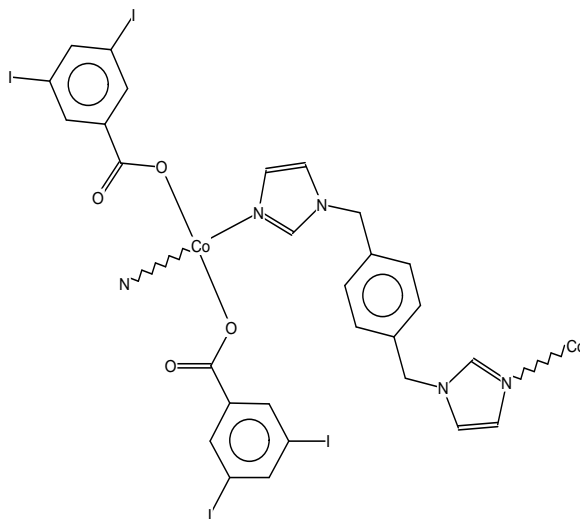
Reference: Bo Li, Ming-Ming Dong, Hui-Tao Fan, Chao-Qiang Feng, Shuang-Quan Zang, Li-Ya Wang (2014) *Cryst.Growth Des.* ,14,6325

Formula: (C₂₈ H₂₀ Co₁ I₄ N₄ O₄)n

Compound Name: catena-[bis(3,5-diiodobenzoato)-(μ-1-(4-((1H-imidazol-1-yl)methyl)benzyl)-1H-imidazole)-cobalt]

Space Group: P21/c **Cell:** *a* 13.723(0) *b* 13.449(0) *c* 17.106(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 93.81(0) γ 90.00

R-Factor (%): 4.32 **Temperature(K):** 296 **Density(g/cm³):** 2.199



Search: search1 (Fri Aug 28 19:32:38 2015): Hits 605-606

ZUH DEN

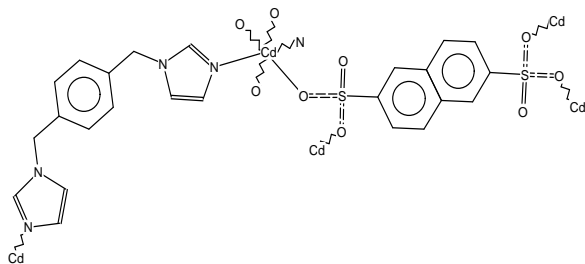
Reference: Li Wang, Jing Liu, Hui Guo, Dongsheng Deng, Tian Yao, Xingwei Wang, Xinyi Wang, Hongli Wu (2015) *Inorg.Chim.Acta* ,**430**, 253

Formula: (C₂₄ H₂₀ Cd₁ N₄ O₆ S₂)_n

Compound Name: catena-((μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-(μ-naphthalene-2,6-disulfonato)-cadmium)

Space Group: P-1 **Cell:** **a** 5.296(1) **b** 9.241(2) **c** 12.267(3)
Space Group No.: 2 **(Å, °)** **α** 89.72(0) **β** 83.42(0) **γ** 87.22(0)

R-Factor (%): 4.40 **Temperature(K):** 296 **Density(g/cm³):** 1.776



ZUH DIR

Reference: Li Wang, Jing Liu, Hui Guo, Dongsheng Deng, Tian Yao, Xingwei Wang, Xinyi Wang, Hongli Wu (2015) *Inorg.Chim.Acta* ,**430**, 253

Formula: (C₂₄ H₂₀ Cd₁ N₄ O₆ S₂)_n

Compound Name: catena-((μ-1,1'-(1,4-phenylenebis(methylene))bis(1H-imidazole))-(μ-naphthalene-1,5-disulfonato)-cadmium)

Space Group: P-1 **Cell:** **a** 5.458(0) **b** 9.609(1) **c** 11.210(1)
Space Group No.: 2 **(Å, °)** **α** 85.76(0) **β** 88.13(0) **γ** 80.95(0)

R-Factor (%): 1.86 **Temperature(K):** 293 **Density(g/cm³):** 1.827

