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Supporting information for article:

A list of organometallic kryptoracemates

Ivan Bernal and Steven Watkins

The 26 figures below show the matched *quasi*-enantiomeric pairs in each of the organometallic kryptoracemic structures shown in Table 2 of this paper (without hydrogen atoms). The molecular formulations of the two enantiomorphs, including stereodescriptors, are followed by a condensed index containing basic information about the least-squares minimized molecular fit of the pair. The form of the MOLFIT index is:

M1-M2i:N:RMSD:MIN-MAX where M1 and M2 are central metal atoms numbered as in the original publication, letter “i” indicates the optical isomer inverted for superposition, N is the number of chemically equivalent atoms in the least-squares fit, RMSD, MIN and MAX are the root-mean-square, minimum and maximum deviations in the N pairs of superposed atoms.

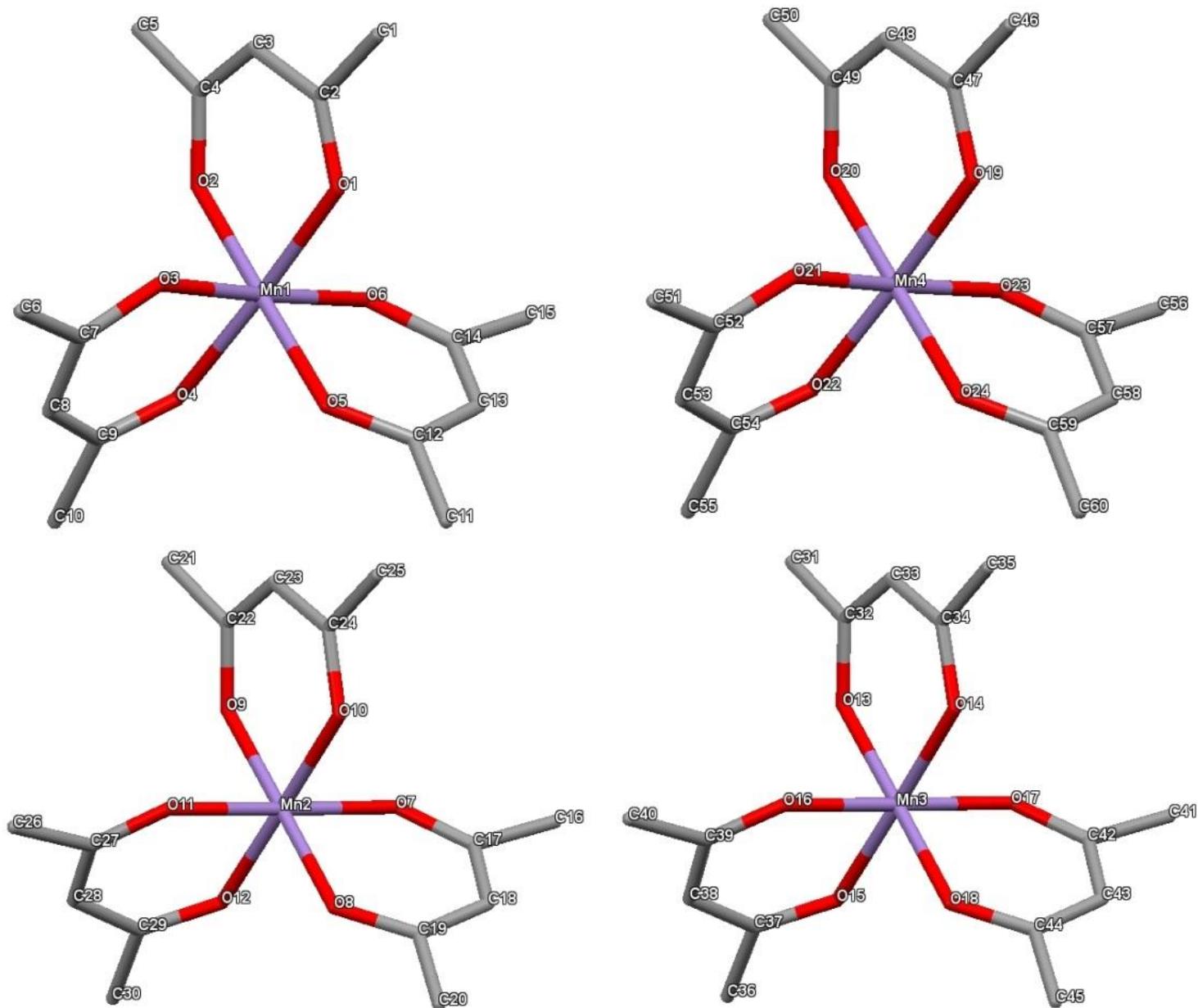


Figure A1. ACACMN24:

$[\Delta\text{-Mn}(\text{C}_5\text{H}_7\text{O}_2)_3]$ and inverted $[\Delta\text{-Mn}(\text{C}_5\text{H}_7\text{O}_2)_3]$ ($\text{Mn1-Mn4i:22:0.025:0.004-0.036}$);

$[\Lambda\text{-Mn}(\text{C}_5\text{H}_7\text{O}_2)_3]$ and inverted $[\Delta\text{-Mn}(\text{C}_5\text{H}_7\text{O}_2)_3]$ ($\text{Mn}_2\text{-Mn}_3\text{i}:22:0.047:0.004\text{-}0.133$);
 Frohlich, R., Milan, R. & Yadava, S. (2008). Private Communication to CSD.

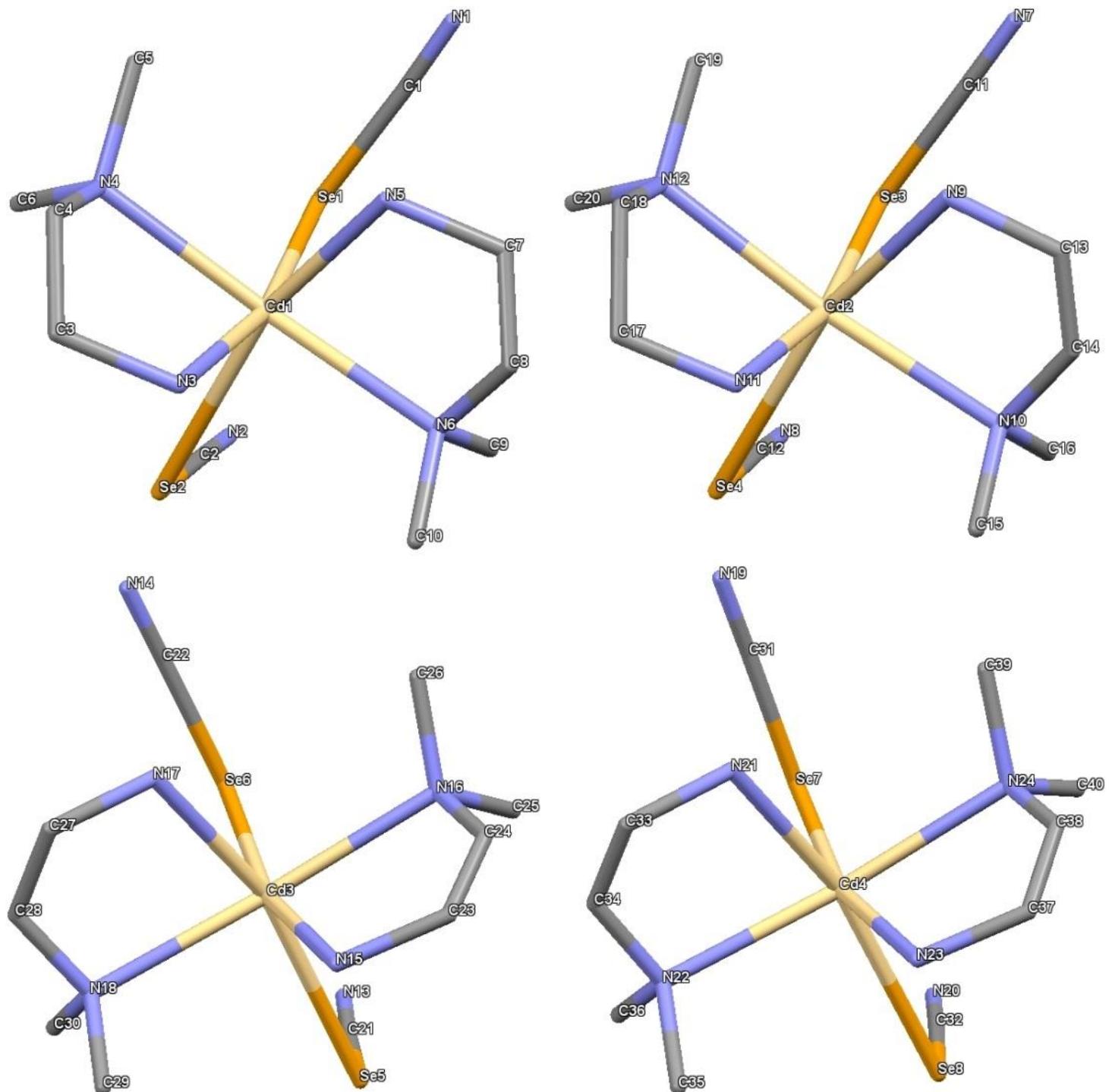
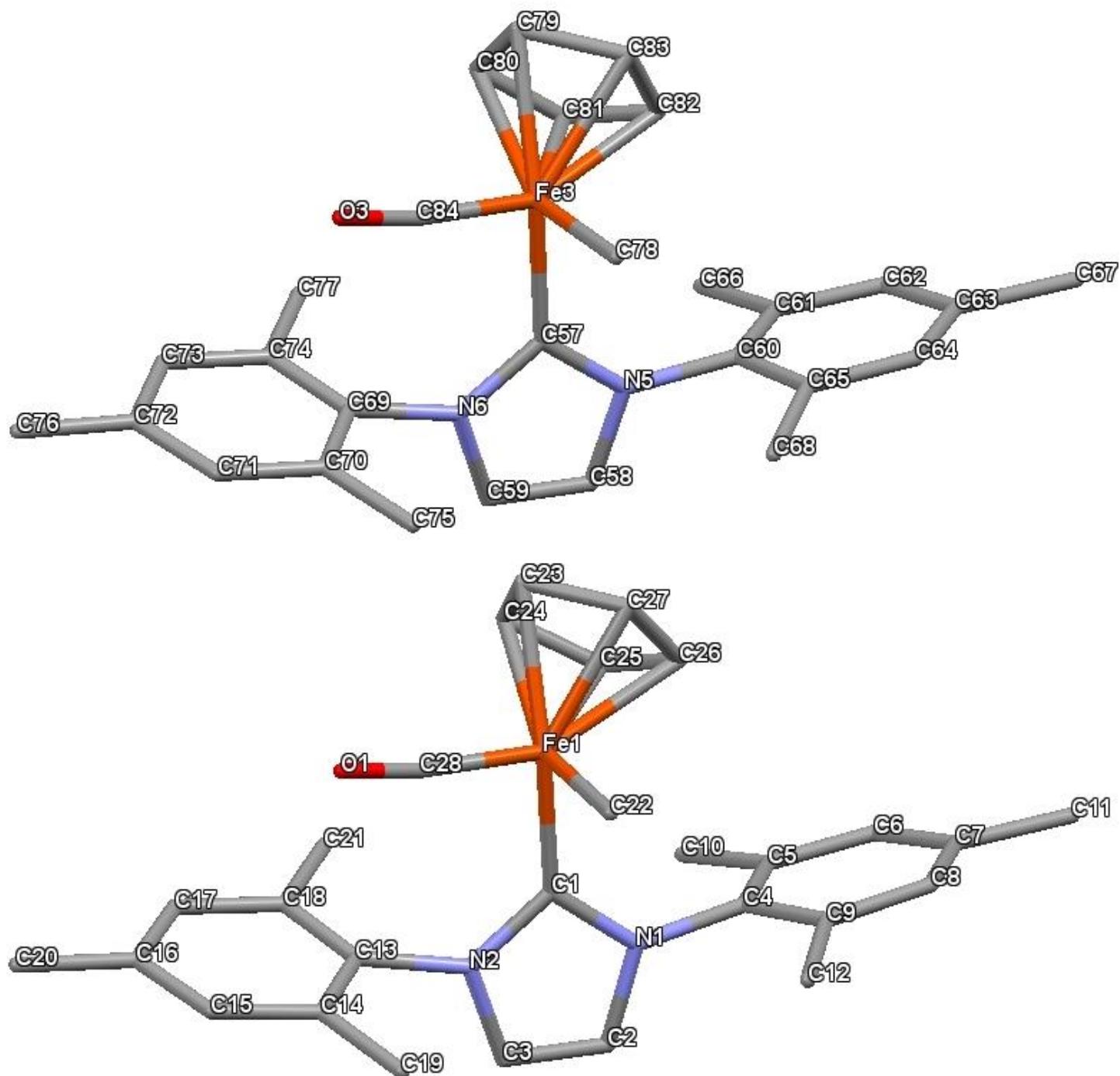
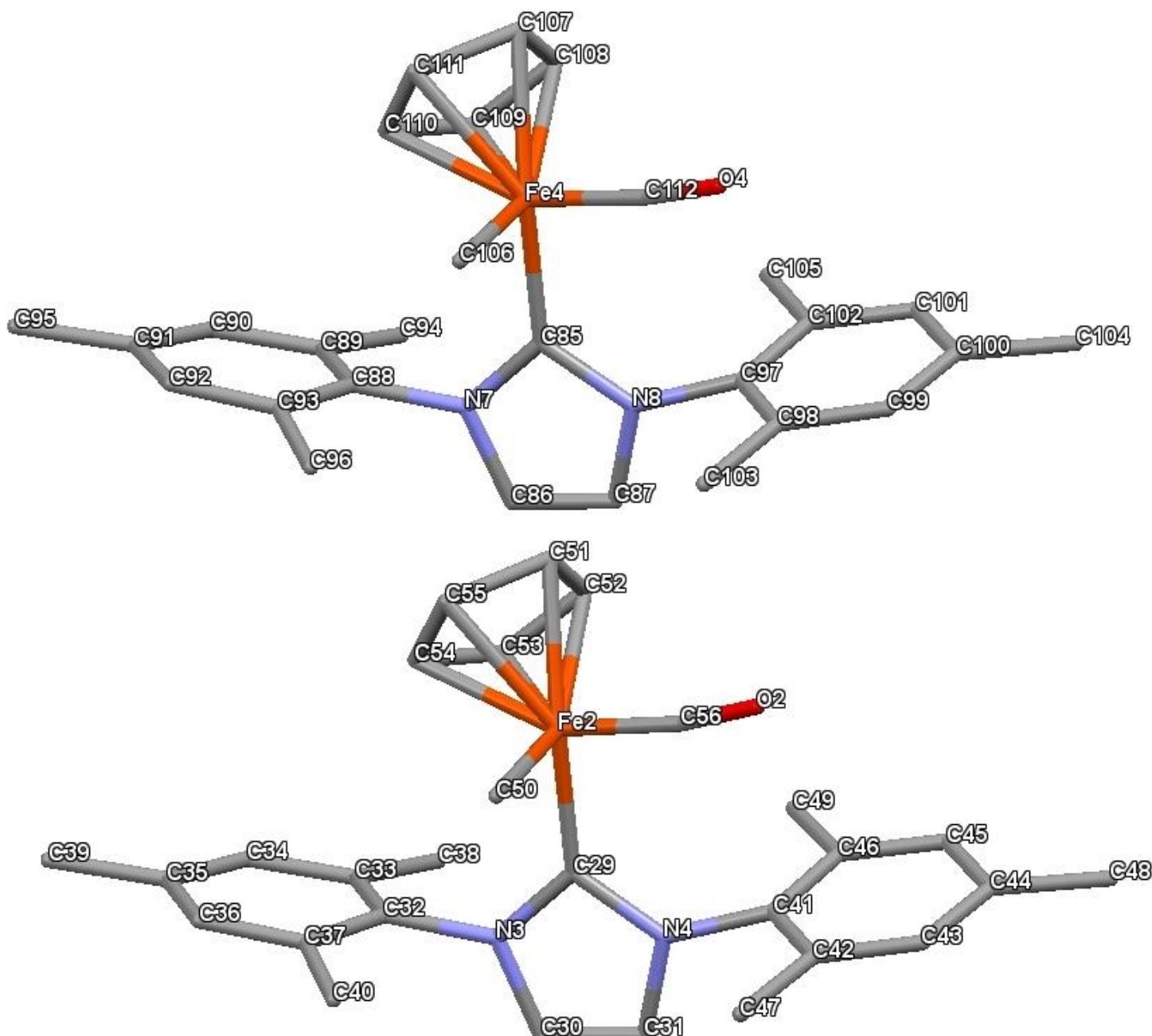


Figure A2. AJIPEO:

$[\Delta\lambda\lambda\text{-}(\text{C}_4\text{H}_{12})_2\text{Cd}(\text{SeCN})_2]$ and inverted $[\Lambda\delta\delta\text{-}(\text{C}_4\text{H}_{12})_2\text{Cd}(\text{SeCN})_2]$ ($\text{Cd}_1\text{-Cd}_2\text{i}:19:0.115:0.031\text{-}0.286$);
 $[\Delta\lambda\delta\text{-}(\text{C}_4\text{H}_{12})_2\text{Cd}(\text{SeCN})_2]$ and inverted $[\Lambda\delta\lambda\text{-}(\text{C}_4\text{H}_{12})_2\text{Cd}(\text{SeCN})_2]$ ($\text{Cd}_3\text{-Cd}_4\text{i}:19:0.133:0.032\text{-}0.249$);
 Choudhury, C.R., Dey, S.K., Mondal, N., Mitra, S. & Gramlich, V. (2003). *Inorganica Chimica Acta*, **353**, 217-222.



**Figure A3.** DEJJA-E:

[D-C₂₈H₃₂FeN₂O] and inverted [L-C₂₈H₃₂FeN₂O] (Fe1-Fe3i:32:0.293:0.021-0.605);

[L-C₂₈H₃₂FeN₂O] and inverted [D-C₂₈H₃₂FeN₂O] (Fe4-Fe2i:32:0.087:0.025-0.181);

Llewellyn, S.A., Green, M.L.H., Green, J.C. & Cowley, A.R. (2006). *Dalton Trans.*, 2535–2541.

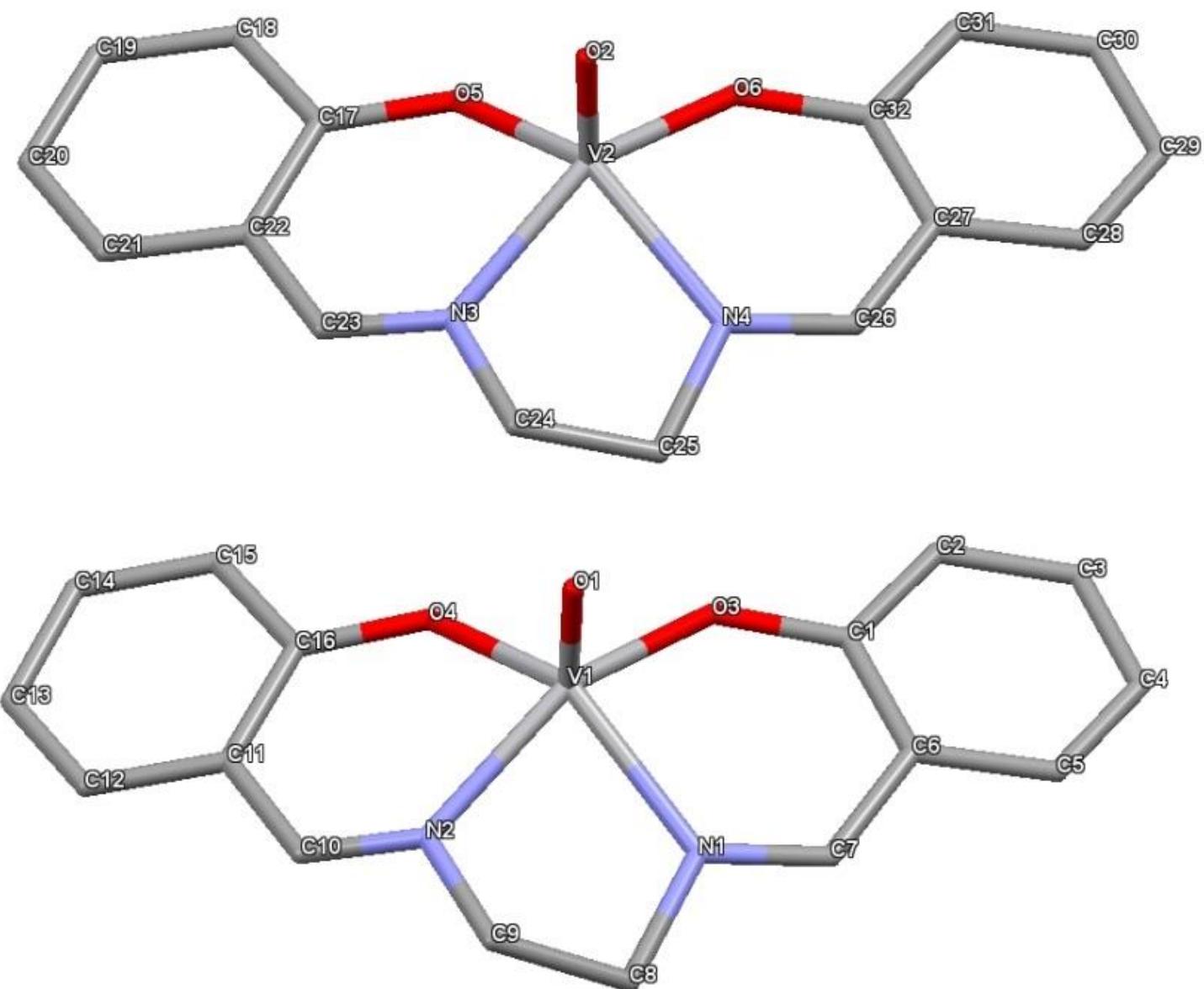
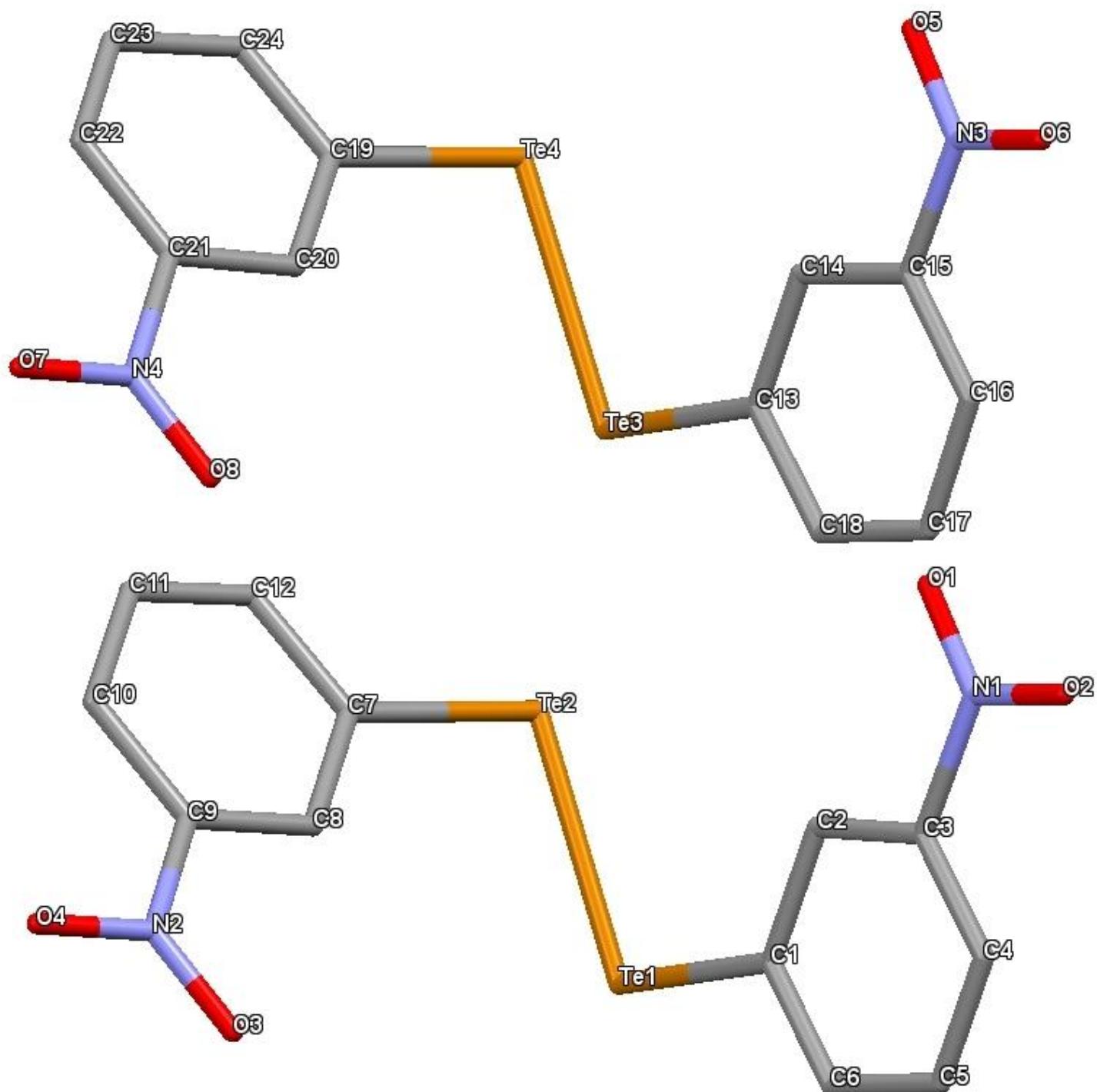


Figure A4. DOGSOH02:

[D-C₁₆H₁₄N₂O₃V] and inverted [L-C₁₆H₁₄N₂O₃V] (V1-V2i:22:0.095:0.010-0.169);
Wang, C., Yuan, J.-H., Xie, G. & Yub, M.-J. (2008). *Acta Cryst.*, **E64**, m775-m776.



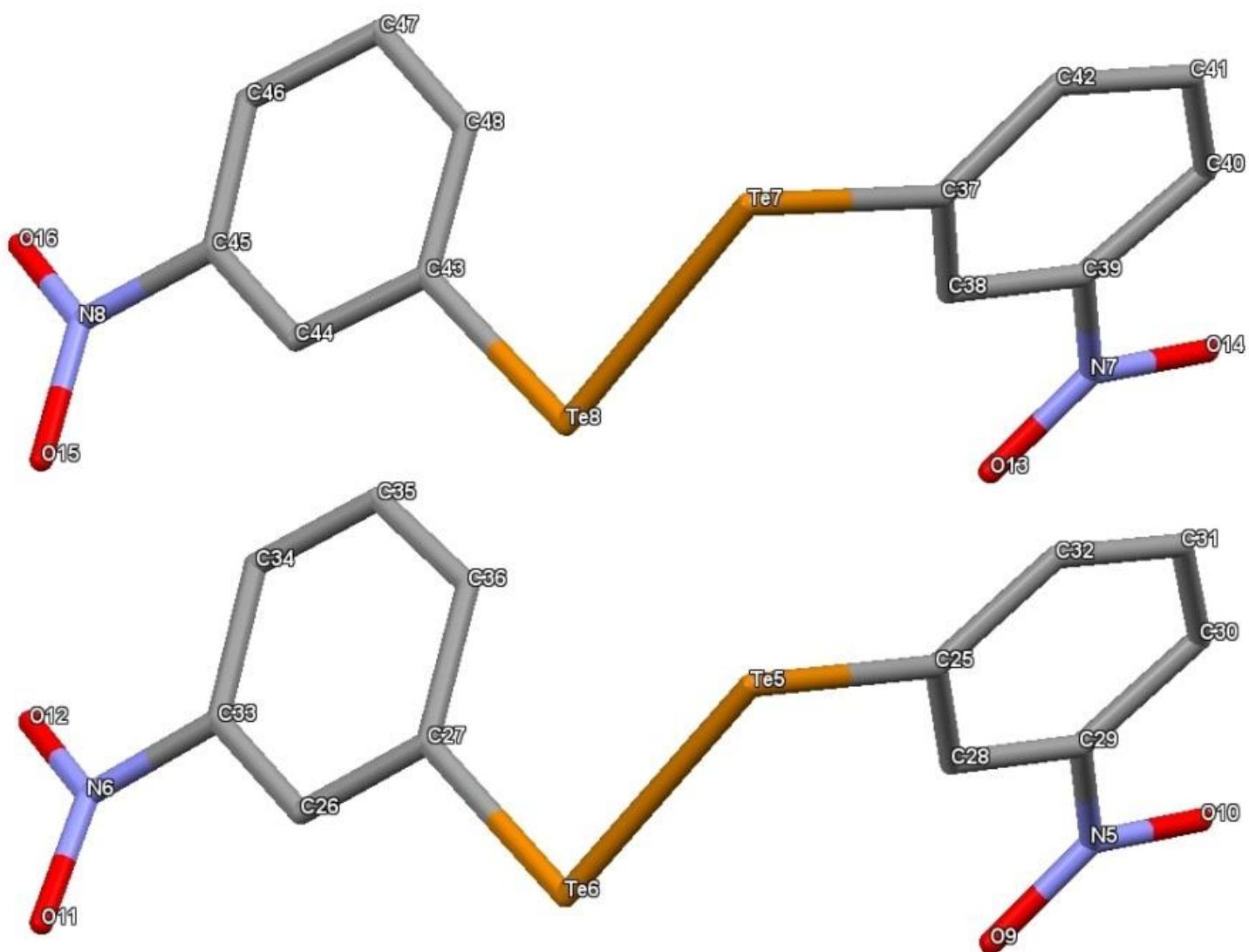
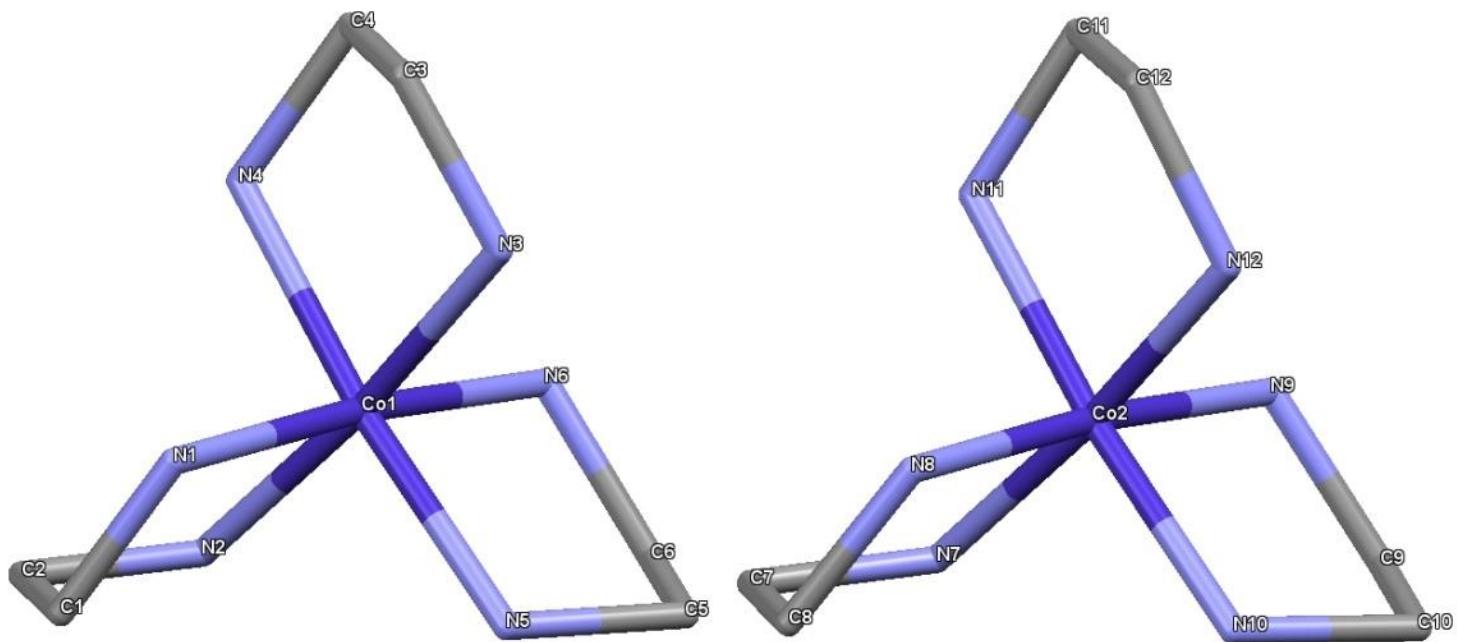


Figure A5. EZOYEX:

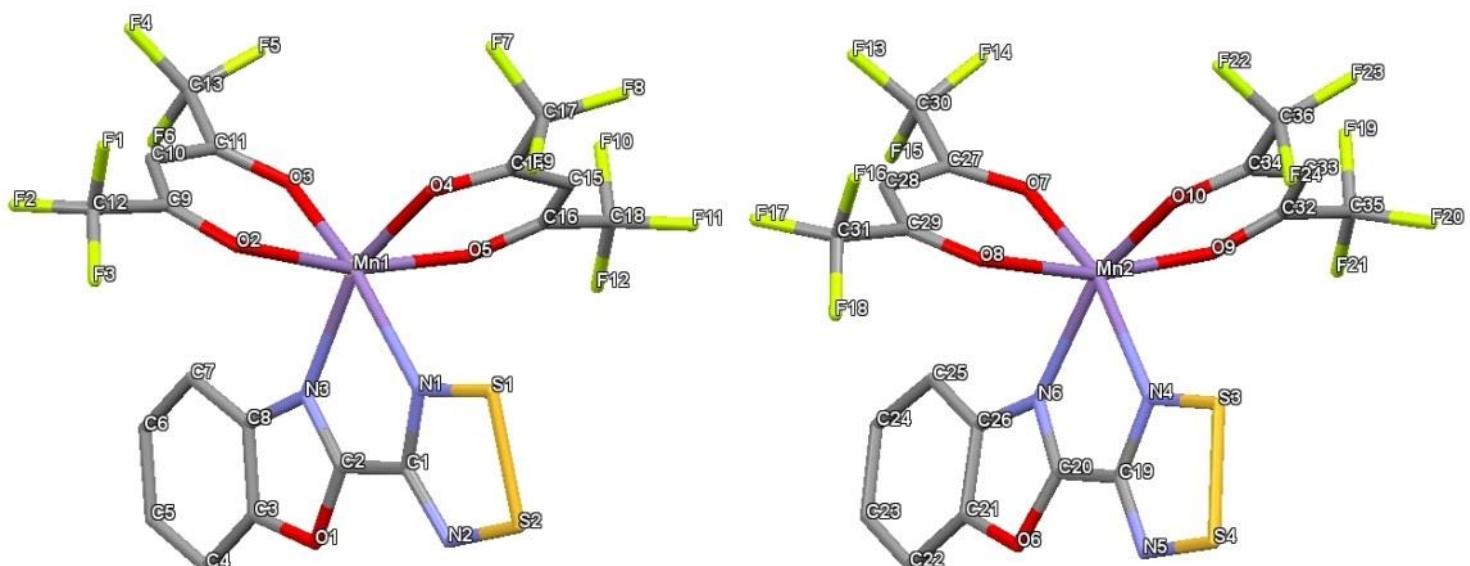
[D-C₁₂H₈N₂O₄Te₂] and inverted [L-C₁₂H₈N₂O₄Te₂] (Te12-Te34i:20:0.054:0.015-0.098);

[D'-C₁₂H₈N₂O₄Te₂] and inverted [L'-C₁₂H₈N₂O₄Te₂] (Te56-Te78i:20:0.071:0.017-0.120);

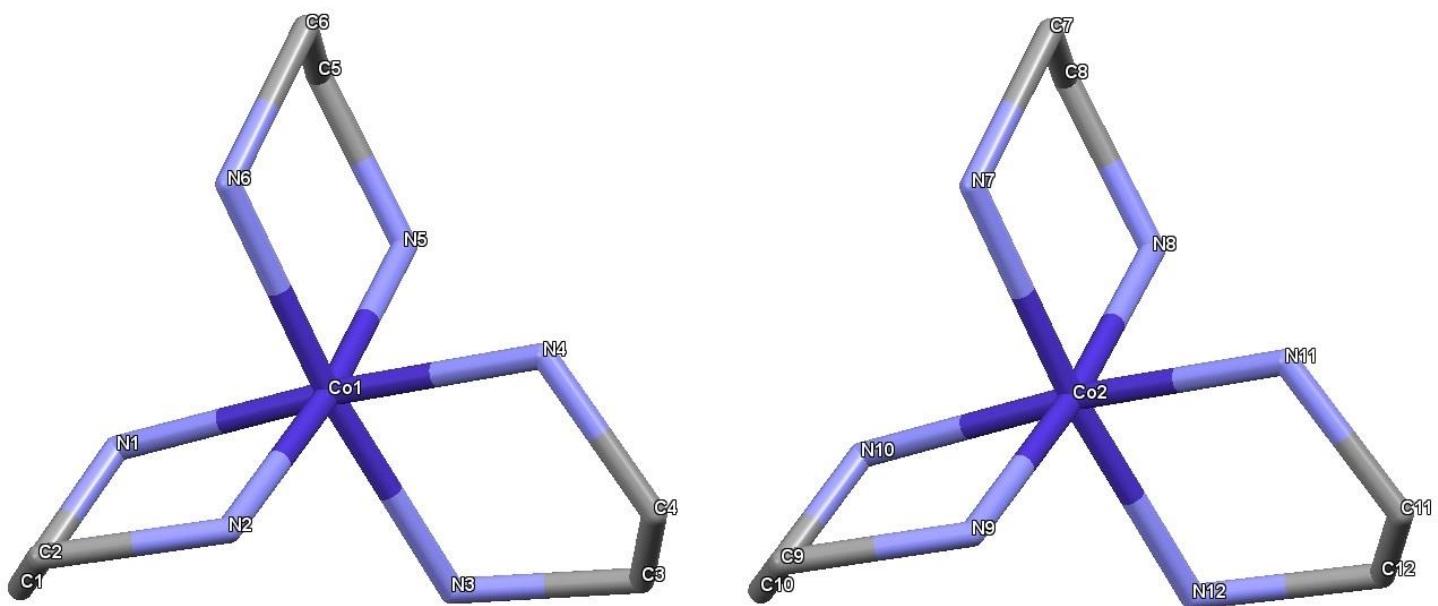
Jones, P.G. & Jeske, J. (2004). Private Communication to CSD.

**Figure A6.** FAXMEX:

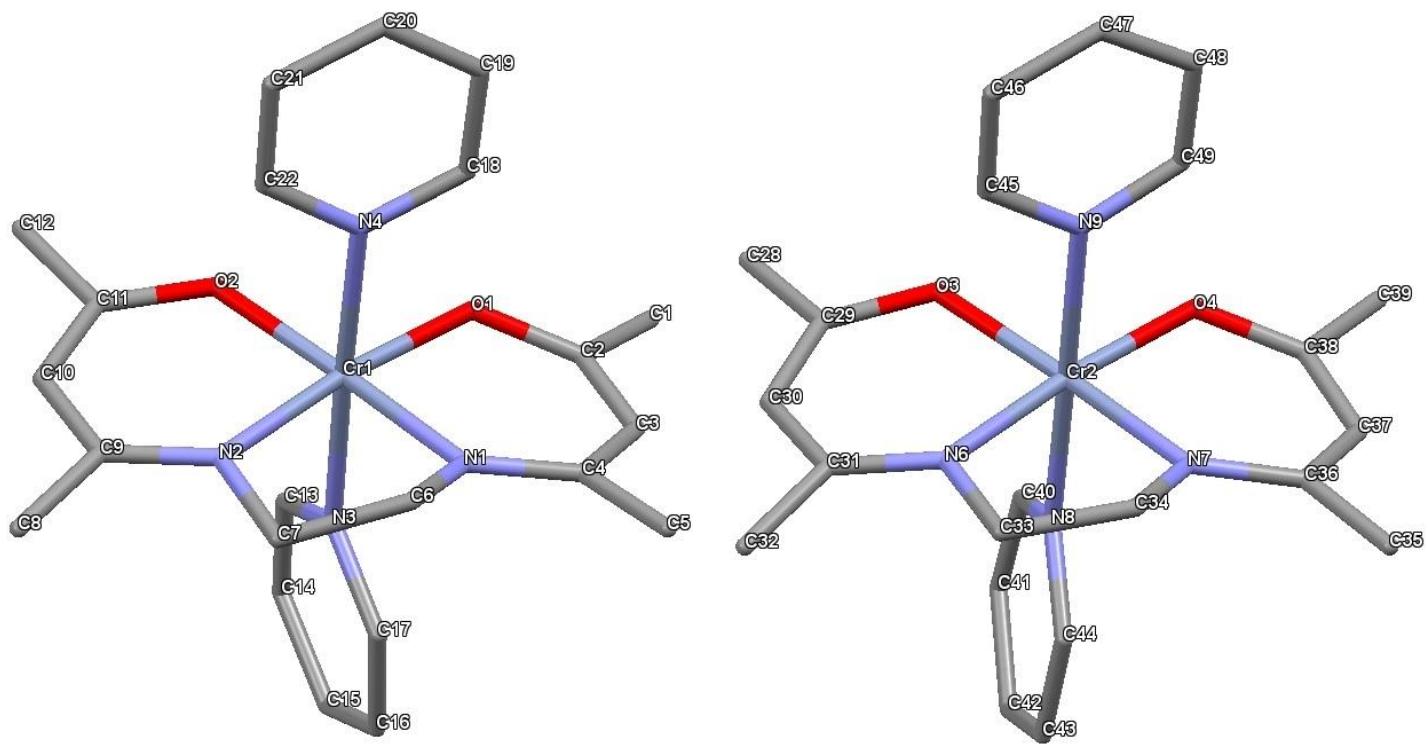
$[\Delta\delta\delta-(C_2H_8N_2)_3Co^{3+}]$ and inverted $[\Delta\lambda\lambda\lambda-(C_2H_8N_2)_3Co^{3+}]$ (Co1-Co2i:13:0.051:0.018-0.070);
 Zhang, Z.-J., Zheng, F.-K., Fu, M.-L., Guoa, G.-C. & Huanga, J.-S. (2005). *Acta Cryst.*, **E61**, m89-m91.

**Figure A7.** FUWREV:

$[\Delta-C_{18}H_6F_{12}N_3O_5S_2Mn]$ and inverted $[\Delta-C_{18}H_6F_{12}N_3O_5S_2Mn]$ (Mn1-Mn2i:41:0.318:0.026-0.668);
 Fatila, E.M., Goodreid, J., Clerac, R., Jennings, M., Assoude, J. & Preuss, K.E. (2010). *Chem. Commun.*, **46**, 6569–6571.

**Figure A8.** GAPHUA:

$[\Delta\lambda\lambda\lambda\text{-}(\text{C}_2\text{H}_8\text{N}_2)_3\text{Co}^{3+}]$ and inverted $[\Lambda\delta\delta\delta\text{-}(\text{C}_2\text{H}_8\text{N}_2)_3\text{Co}^{3+}]$ ($\text{Co1-Co2i:13:0.035:0.010-0.077}$);
Fuertes, A. & Miravittles, C. (1988). *Acta Cryst.*, **C44**, 417-421.

**Figure A9.** HEFVAP:

$[\text{D-}\text{C}_{22}\text{H}_{28}\text{N}_4\text{O}_2\text{Cr}^+]$ and inverted $[\text{L-}\text{C}_{22}\text{H}_{28}\text{N}_4\text{O}_2\text{Cr}^+]$ ($\text{Cr1-Cr2i:29:0.217:0.039-0.594}$);
Toscano, P.J., DiMauro, P.T., Geremia, S., Randaccio, L. & Zangrandino, E. (1994). *Inorganica Chimica Acta*, **217**, 195-199.

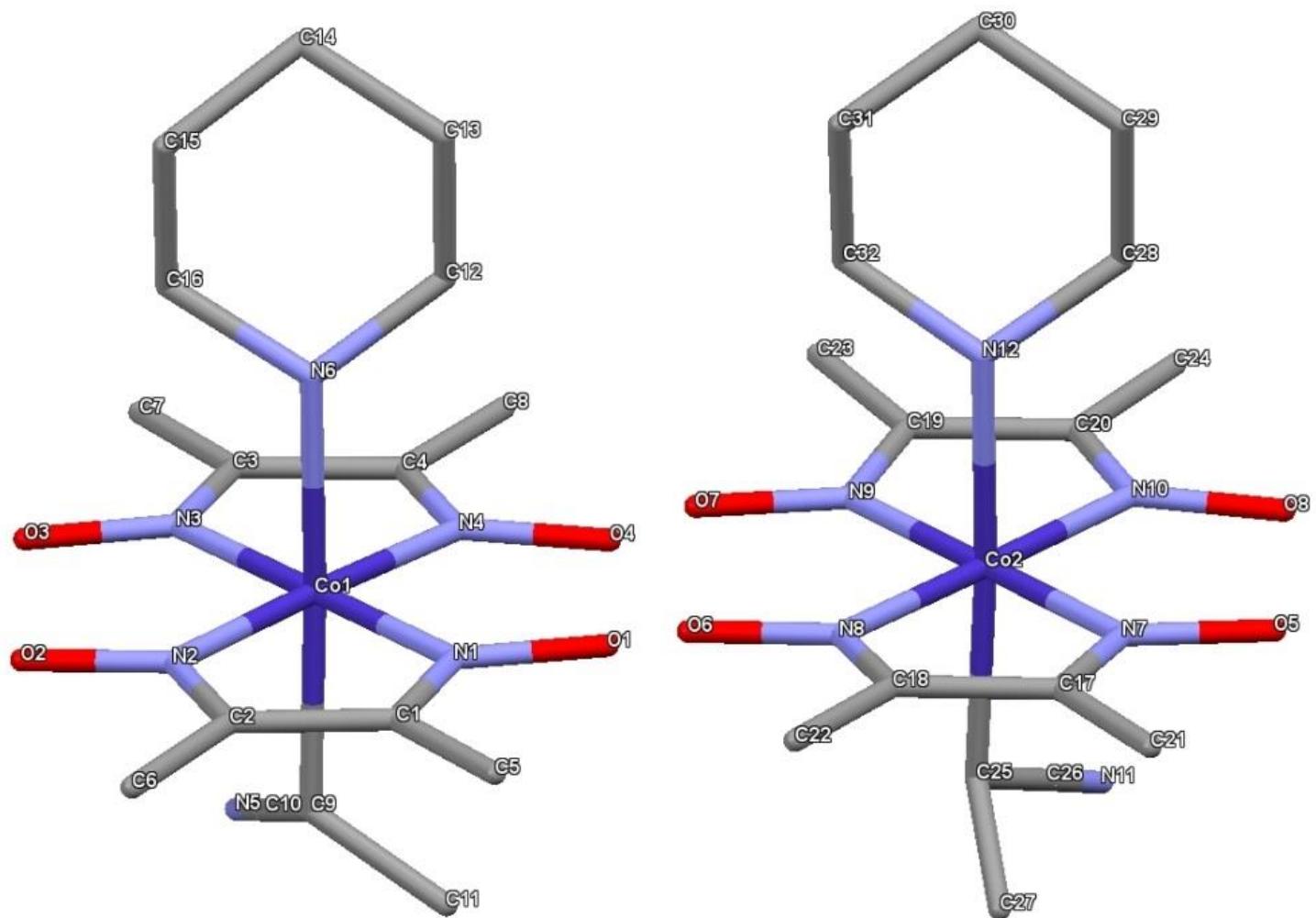
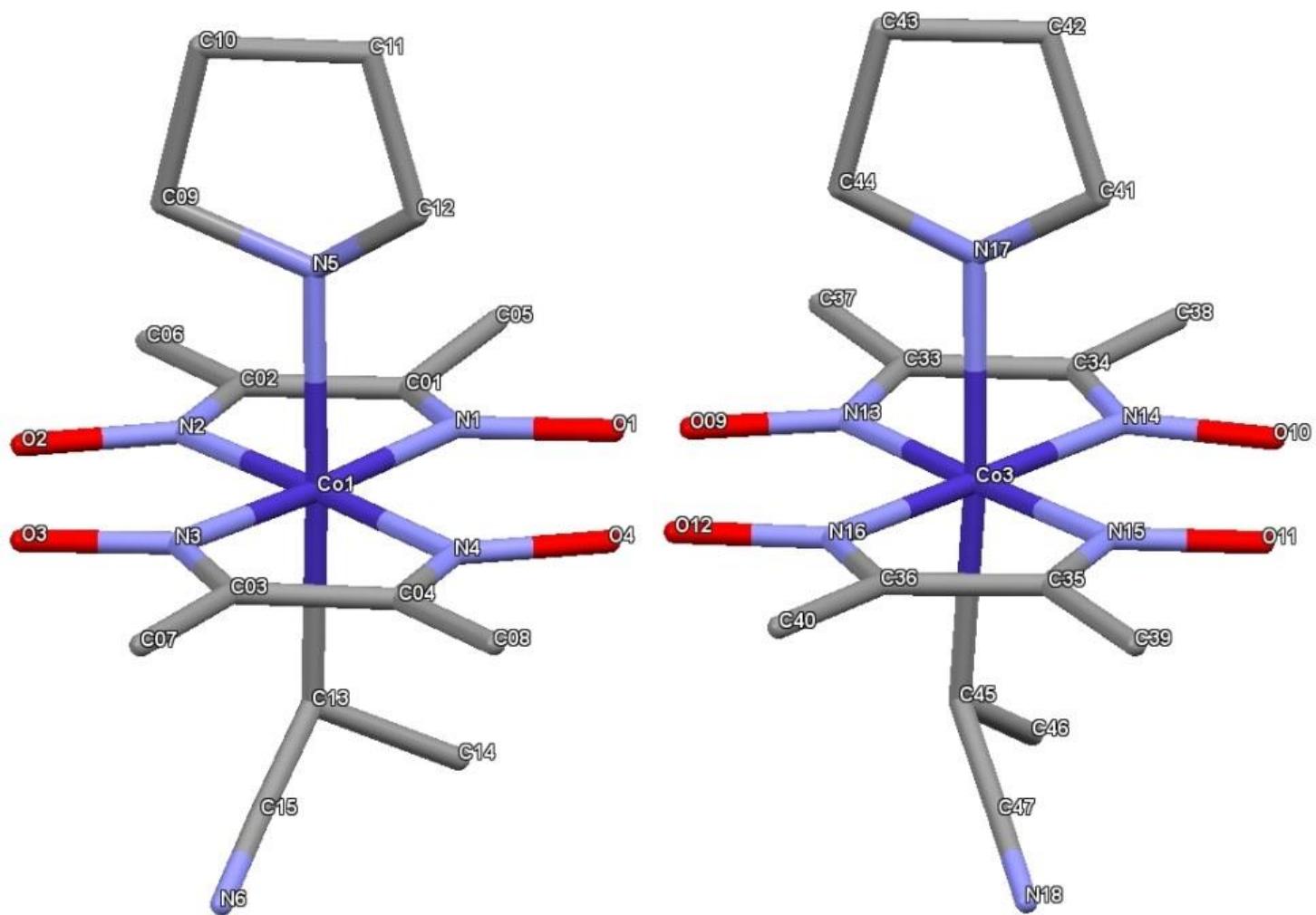


Figure A10. HOWKIN:

[C9(R)-C₁₆H₂₉N₆O₄Co] and inverted [C₂₅(S)-C₁₆H₂₉N₆O₄Co] (Co1-Co2i:24:0.090:0.016-0.223); Nemoto, T. & Ohashi, Y. (1999). *Bull. Chem. Soc. Jpn.*, **72**, 1971-1983.



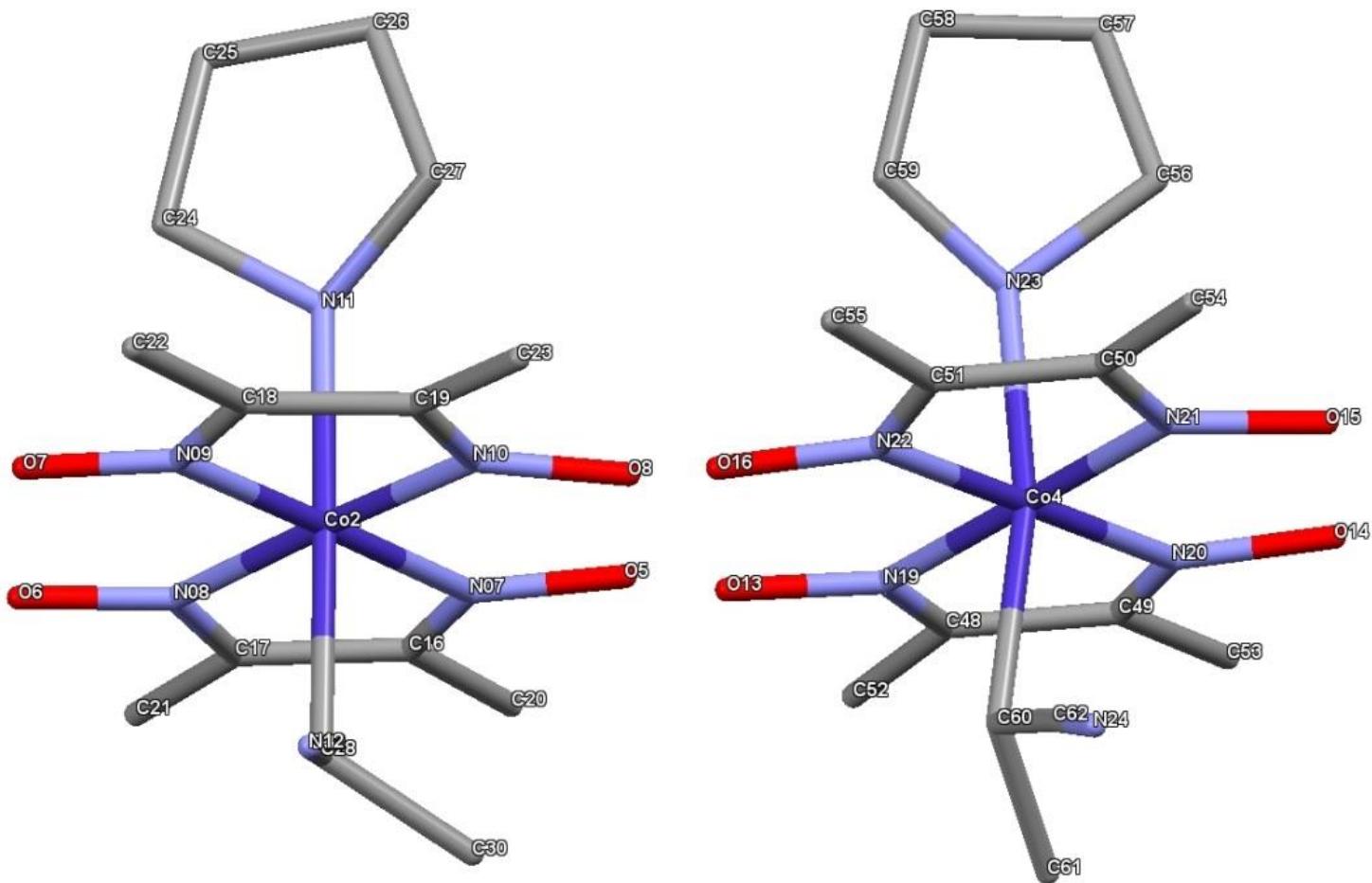


Figure A11: HOWMEI

[C13(S)-C₁₅H₂₇N₆O₄Co] and inverted [C45(R)-C₁₅H₂₇N₆O₄Co] (Co1-Co3i:26:0.376:0.026-1.213); [C29(S)-C₁₅H₂₇N₆O₄Co] and inverted [C60(R)-C₁₅H₂₇N₆O₄Co] (Co2-Co4i:26:0.358:0.032-1.155); Nemoto, T. & Ohashi, Y. (1999). *Bull. Chem. Soc. Jpn.*, **72**, 1971-1983.

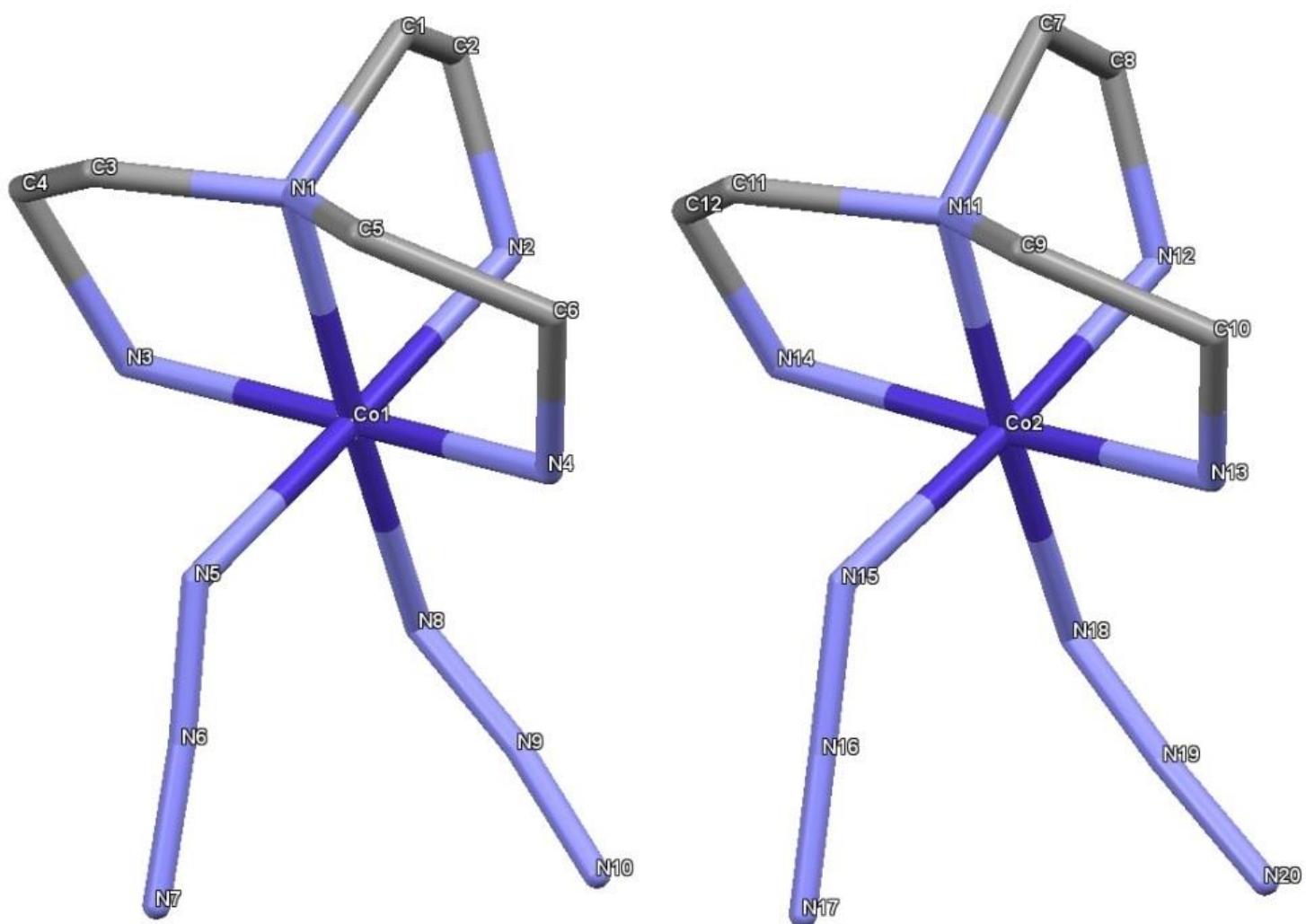
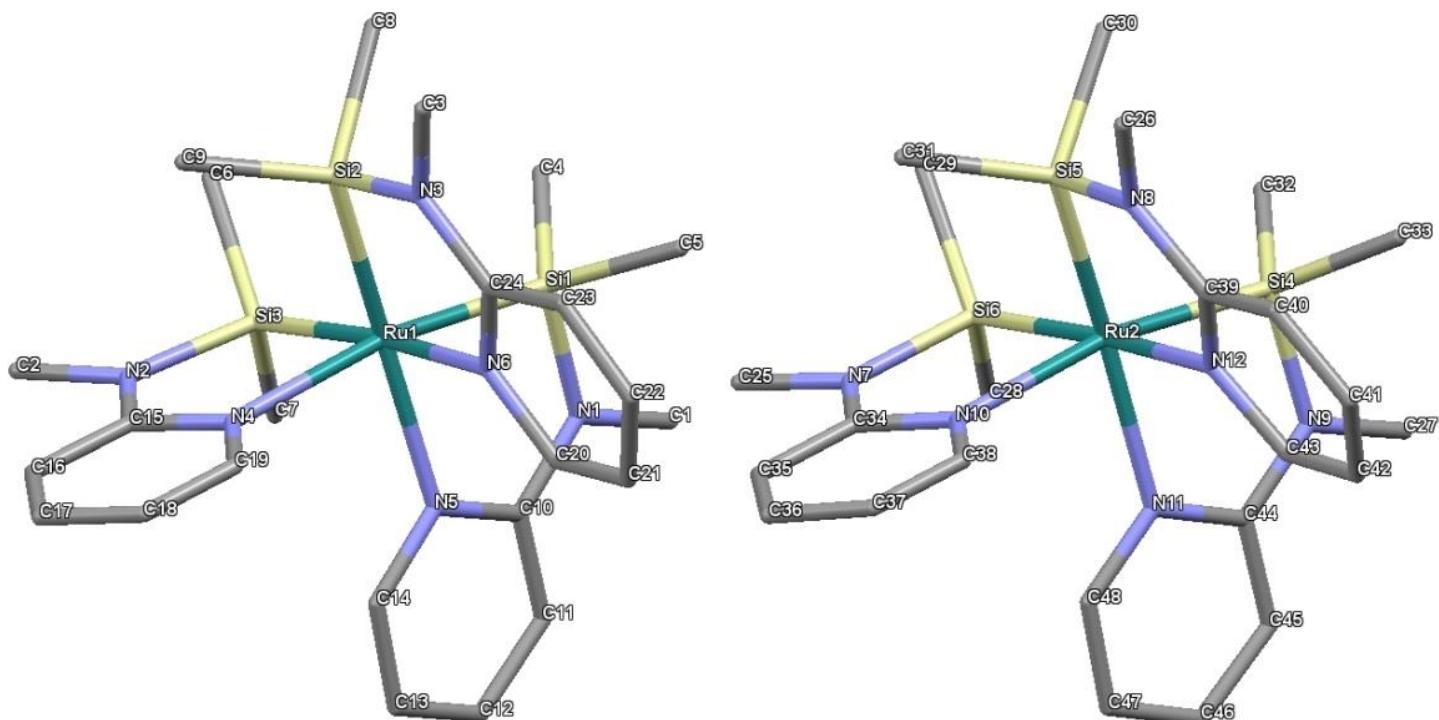


Figure A12. IKERUL02:

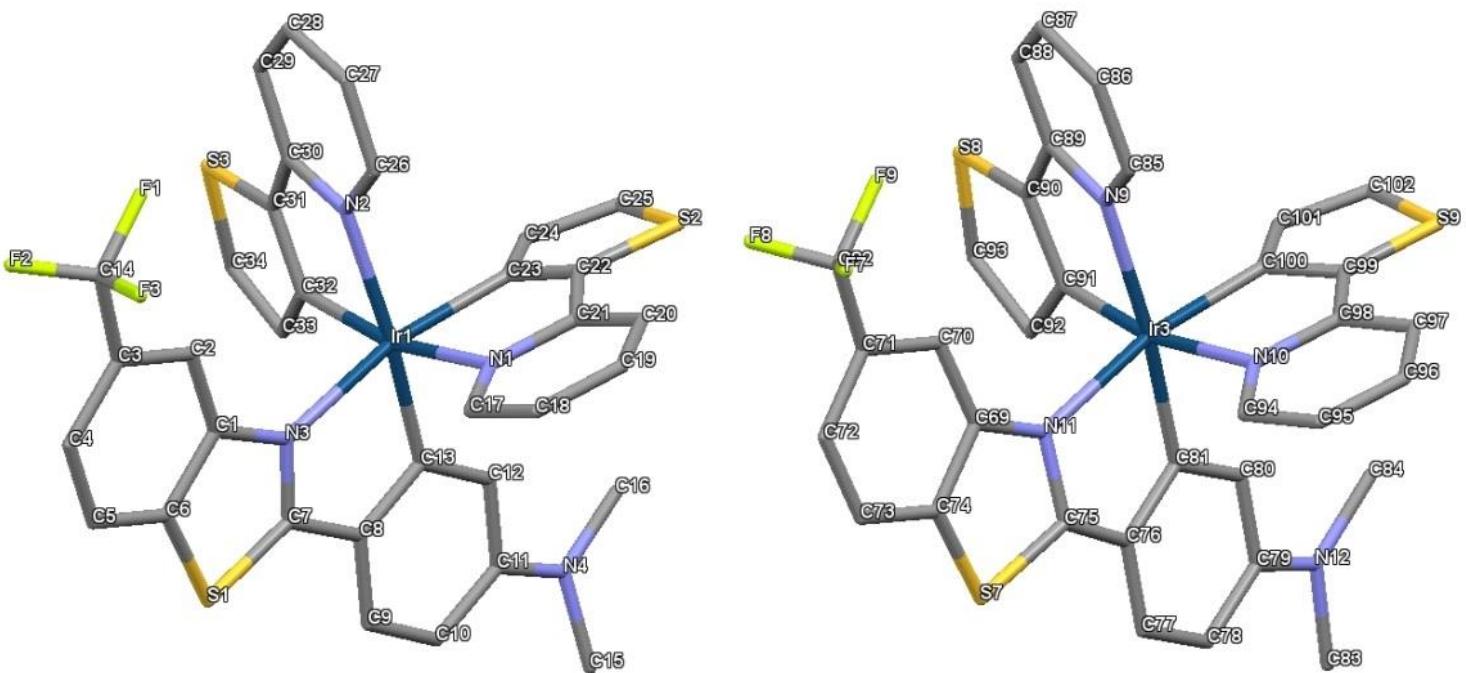
[D-C₆H₁₈N₁₀Co⁺] and inverted [L-C₆H₁₈N₁₀Co⁺] (Co1-Co2i:17:0.095:0.014-0.146);

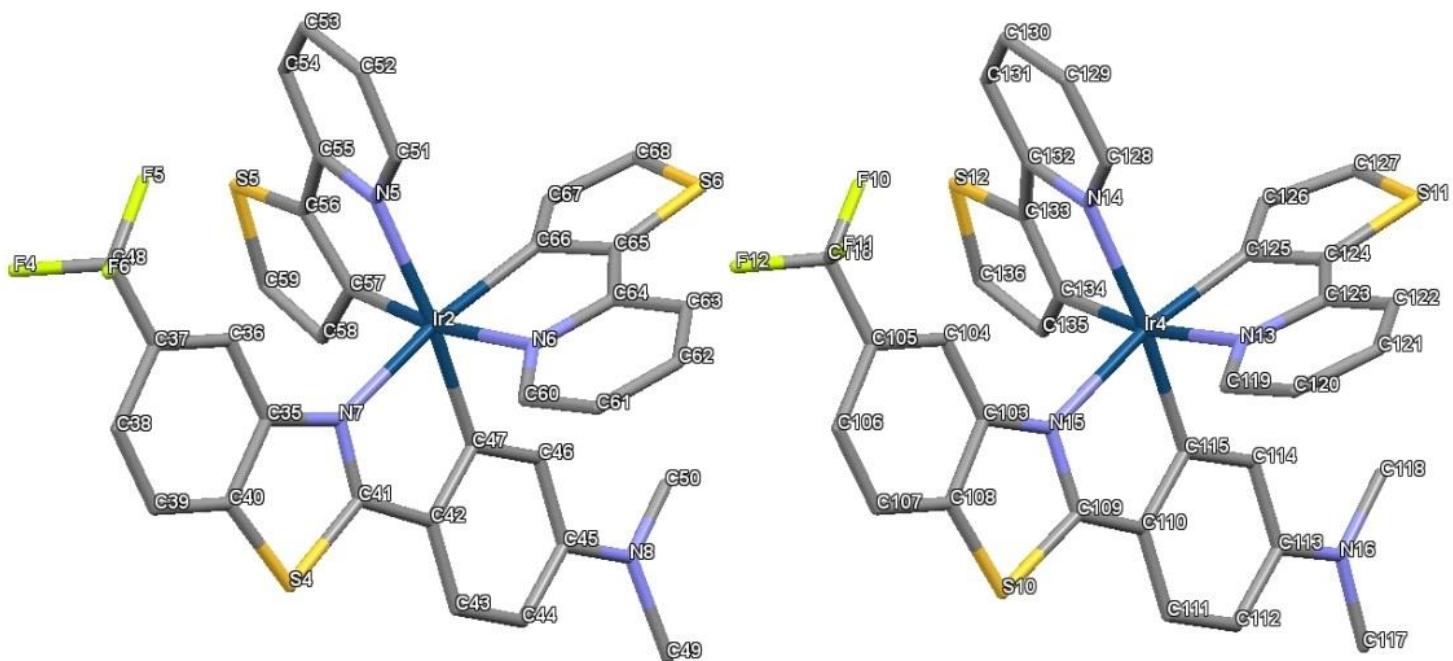
Saha, M.K., Fronczek, F.R., Rees, L.H. & Bernal, I. (2003). *Inorg. Chem. Commun.*, **6**, 983–988.

**Figure A13.** MIGKEU:

[D-C₂₄H₄₀N₆Si₃Ru] and inverted [L-C₂₄H₄₀N₆Si₃Ru] (Ru1-Ru2i:34:0.144:0.029-0.327);

Smart, K.A., Grellier, M., Vendier, L., Mason, S.A., Capelli, S.C., Albinati, A. & Sabo-Etienne, S. (2013). *Inorg. Chem.*, **52**, 2654-2661.

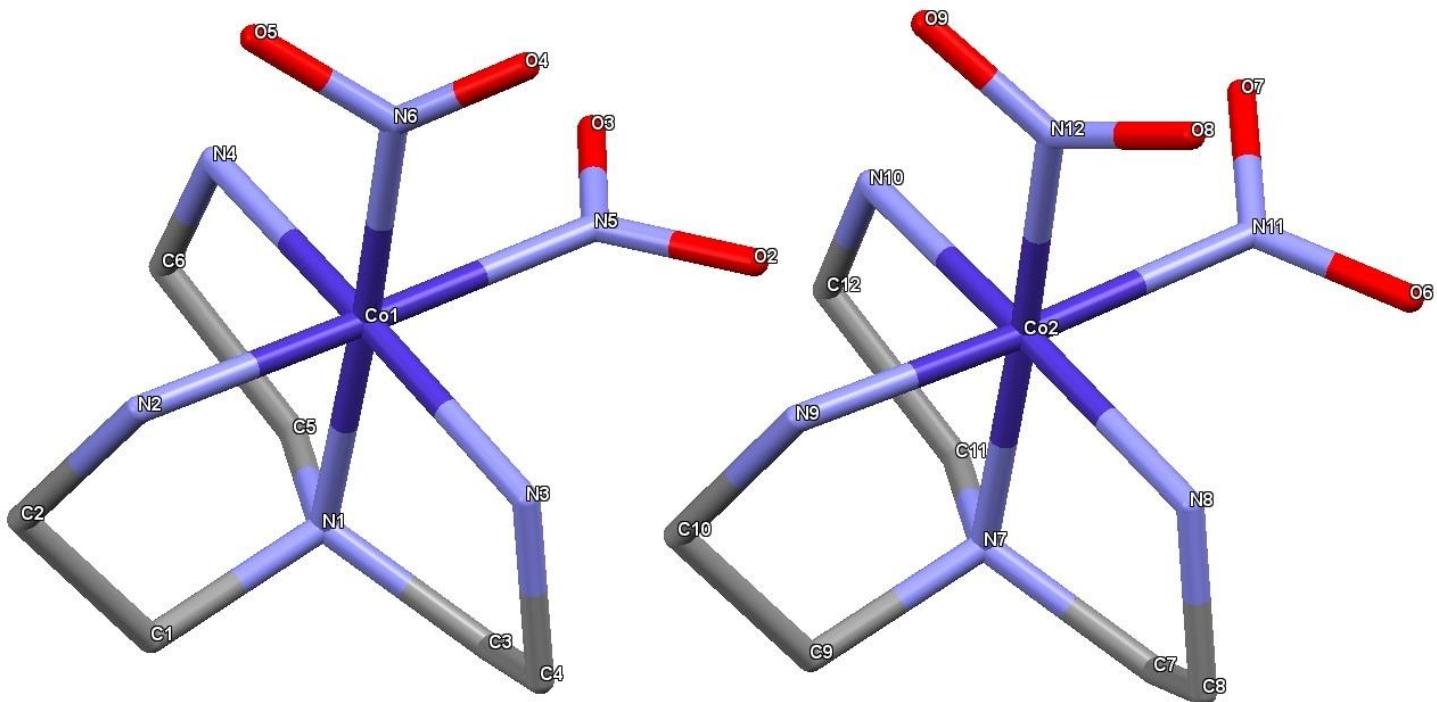


**Figure A14.** MIHES:

$[\Delta\text{-C}_{34}\text{H}_{24}\text{F}_3\text{N}_4\text{S}_3\text{Ir}]$ and inverted $[\Delta\text{-C}_{34}\text{H}_{24}\text{F}_3\text{N}_4\text{S}_3\text{Ir}]$ (Ir1-Ir3i:45:0.293:0.044-0.808);

$[\Lambda\text{-C}_{34}\text{H}_{24}\text{F}_3\text{N}_4\text{S}_3\text{Ir}]$ and inverted $[\Delta\text{-C}_{34}\text{H}_{24}\text{F}_3\text{N}_4\text{S}_3\text{Ir}]$ (Ir4-Ir2i:45:0.190:0.042-0.502);

Yuan, Y.-J., Yu, Z.-T., Gao, H.-L., Zou, Z.-G., Zheng, C., & Huang, W. (2013). *Chem. Eur. J.*, **19**, 6340 – 6349.

**Figure A15.** NIXGIK

$[\text{D-C}_6\text{H}_{18}\text{N}_6\text{O}_4\text{Co}^+]$ and inverted $[\text{L-C}_6\text{H}_{18}\text{N}_6\text{O}_4\text{Co}^+]$ (Co1-Co2i:17:0.203:0.029-0.464);

Bernal, I., Cai, J., Massoud, S.S., Watkins, S.F. & Fronczek, F.R. (1996). *J.Coord.Chem.*, **38**, 165-181.

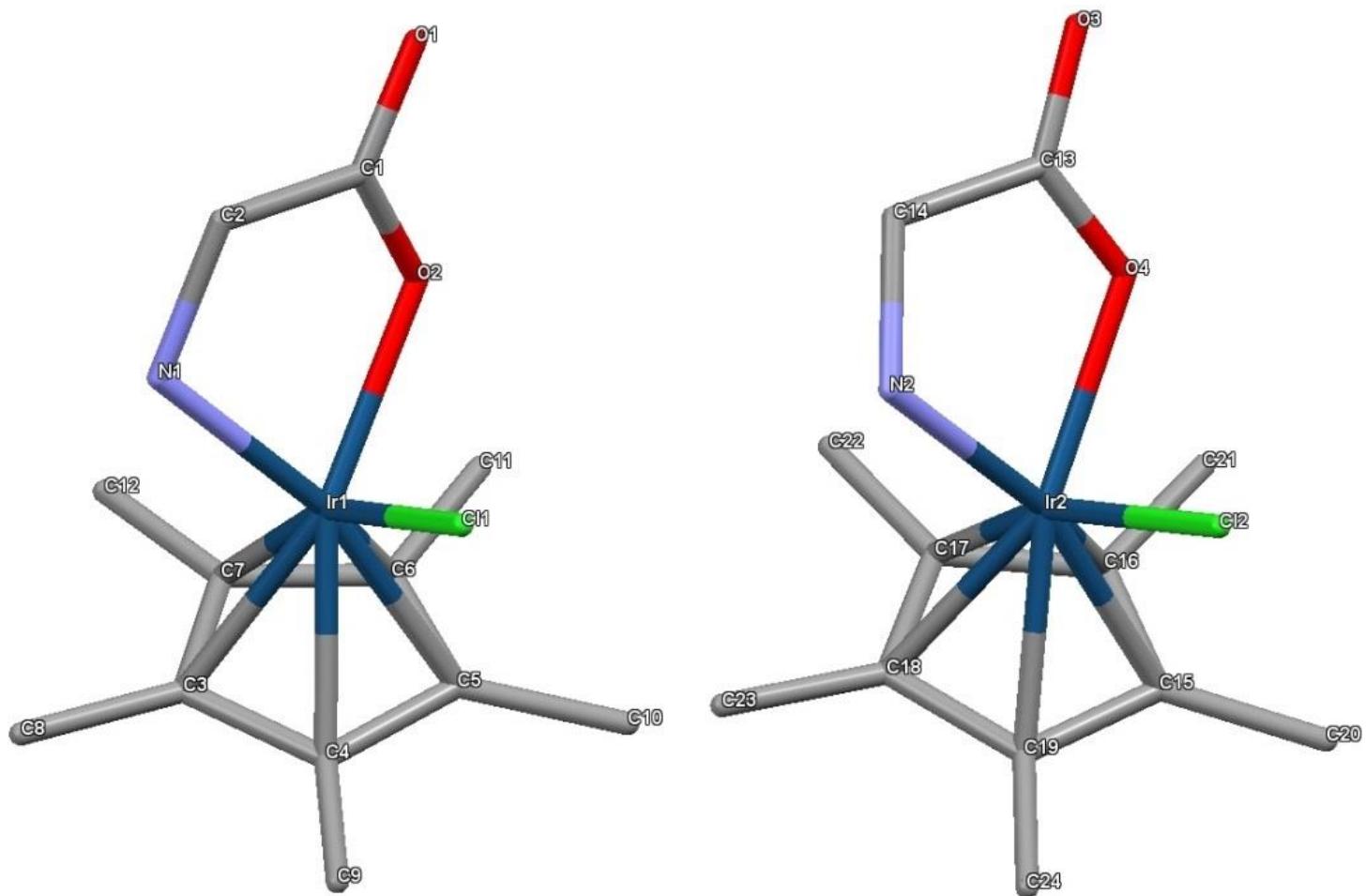


Figure A16. PEZQAO:

[D-C₁₂H₁₉CINO₂Ir] and inverted [L-C₁₂H₁₉CINO₂Ir] (Ir1-Ir2i:17:0.273:0.070-0.474);

Wetzel, A., Wockel, S., Schelwies, M., Brinks, M.K., Rominger, F., Hofmann, P. & Limbach, M. (2013). *Org. Lett.*, **15**, 266-269.

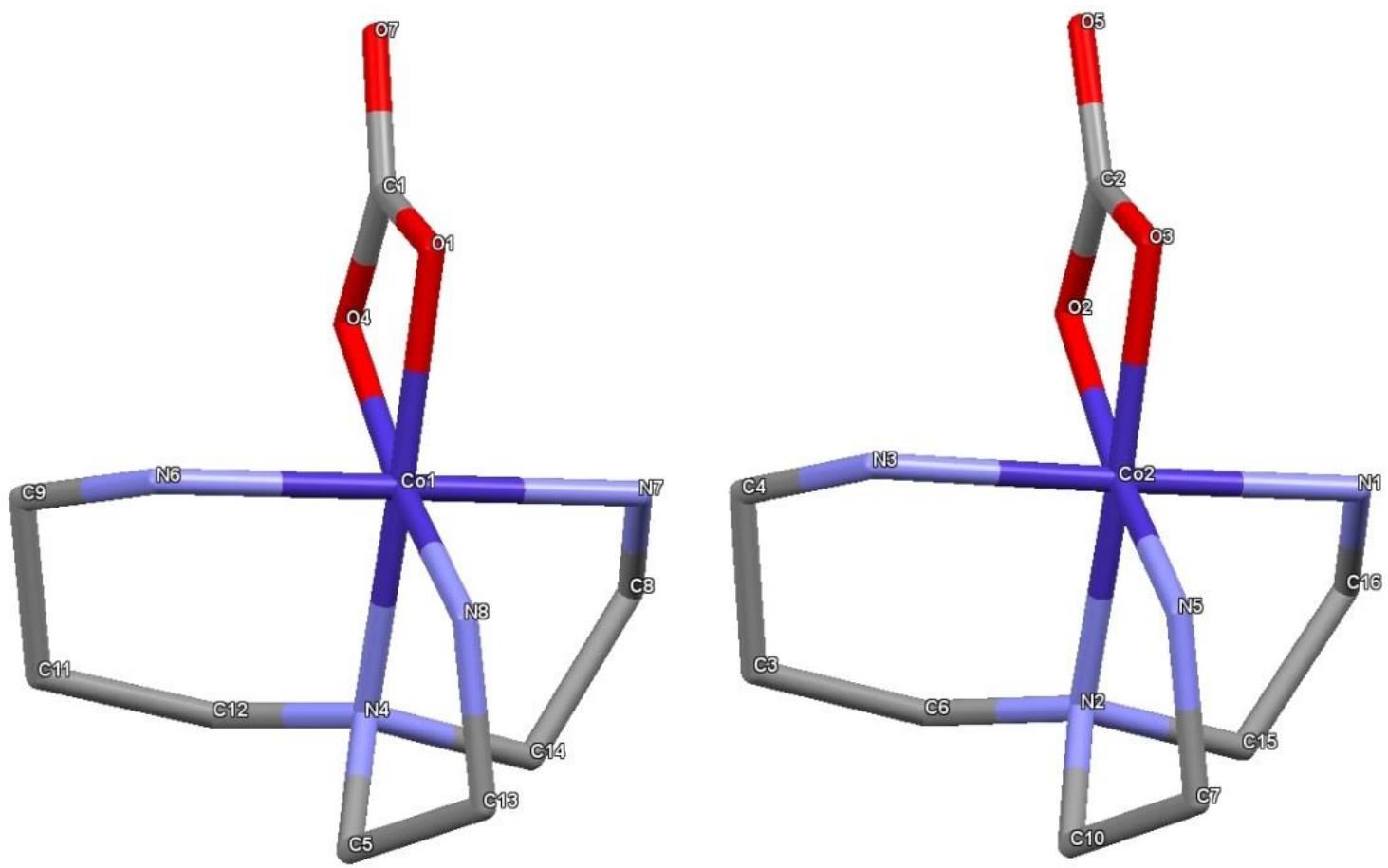


Figure A17. ROZYUB:

[D- $\text{C}_8\text{H}_{20}\text{N}_4\text{O}_3\text{Co}^+$] and inverted [L- $\text{C}_8\text{H}_{20}\text{N}_4\text{O}_3\text{Co}^+$] ($\text{Co1-Co2i}:16:0.044:0.005-0.087$);

McClintock, L.F., Bagaria, P., Kjaergaard, H.G. & Blackman, A.G. (2009). *Polyhedron*, **28**, 1459–1468.

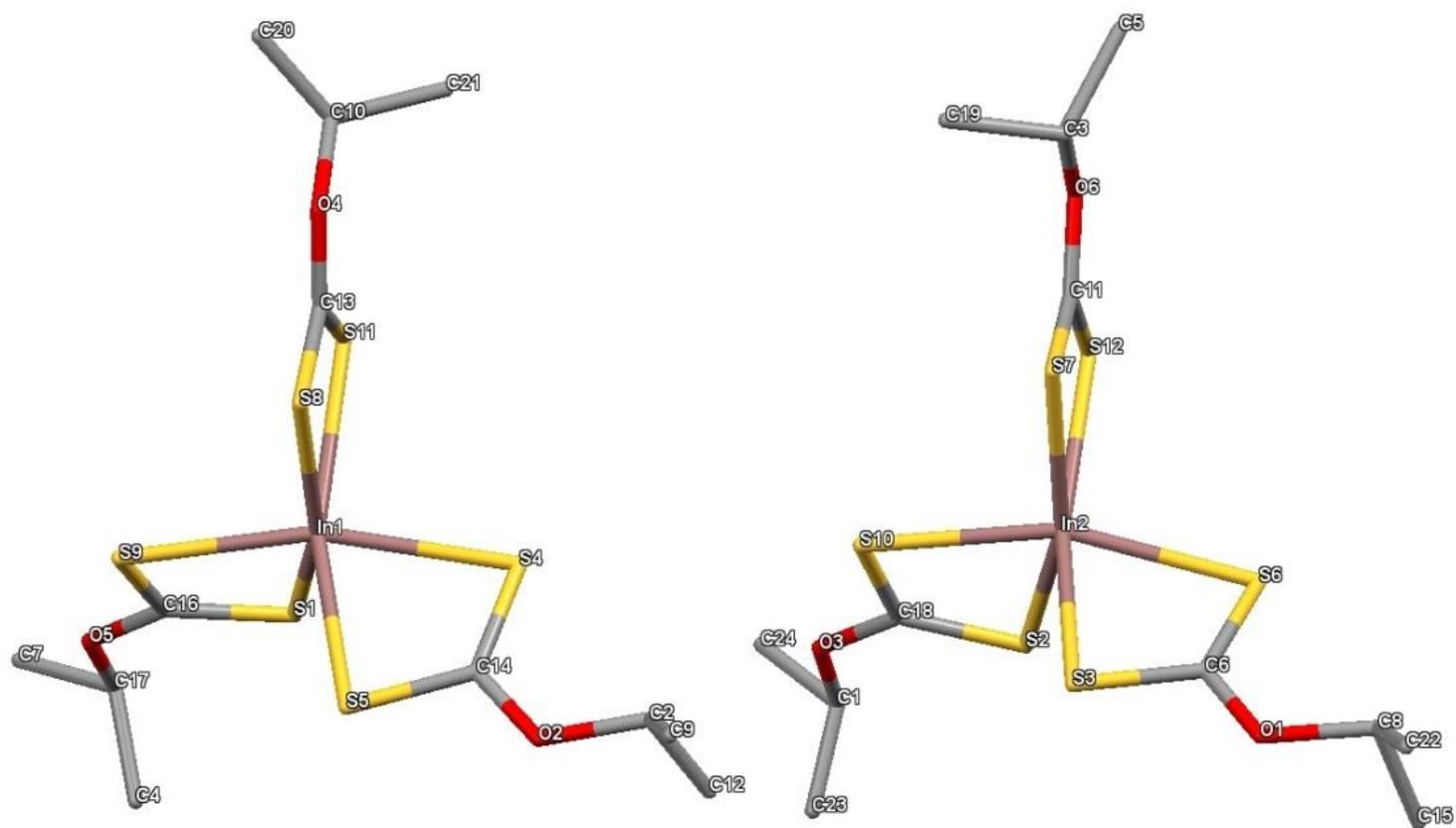
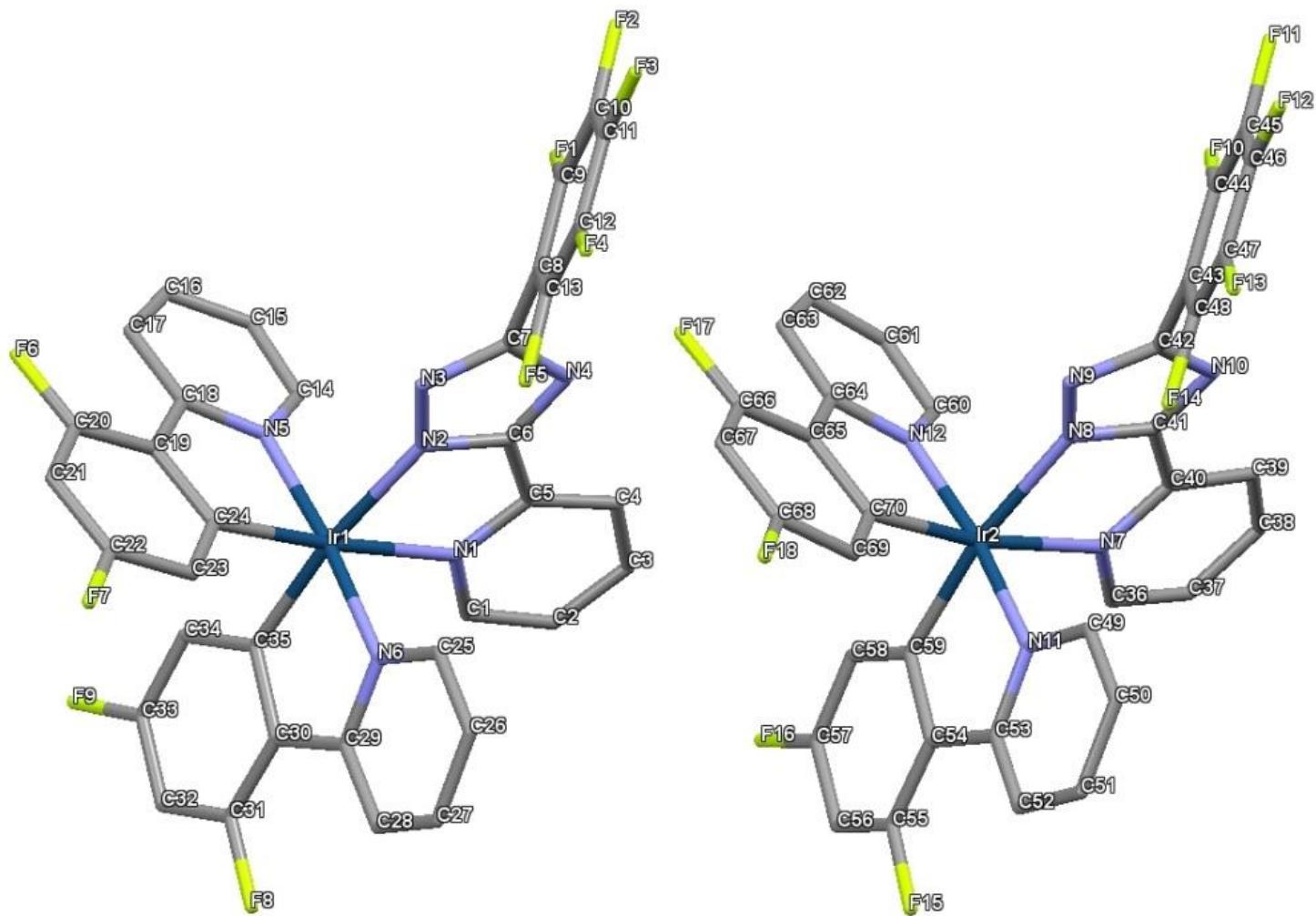


Figure A18. SIVJIR:

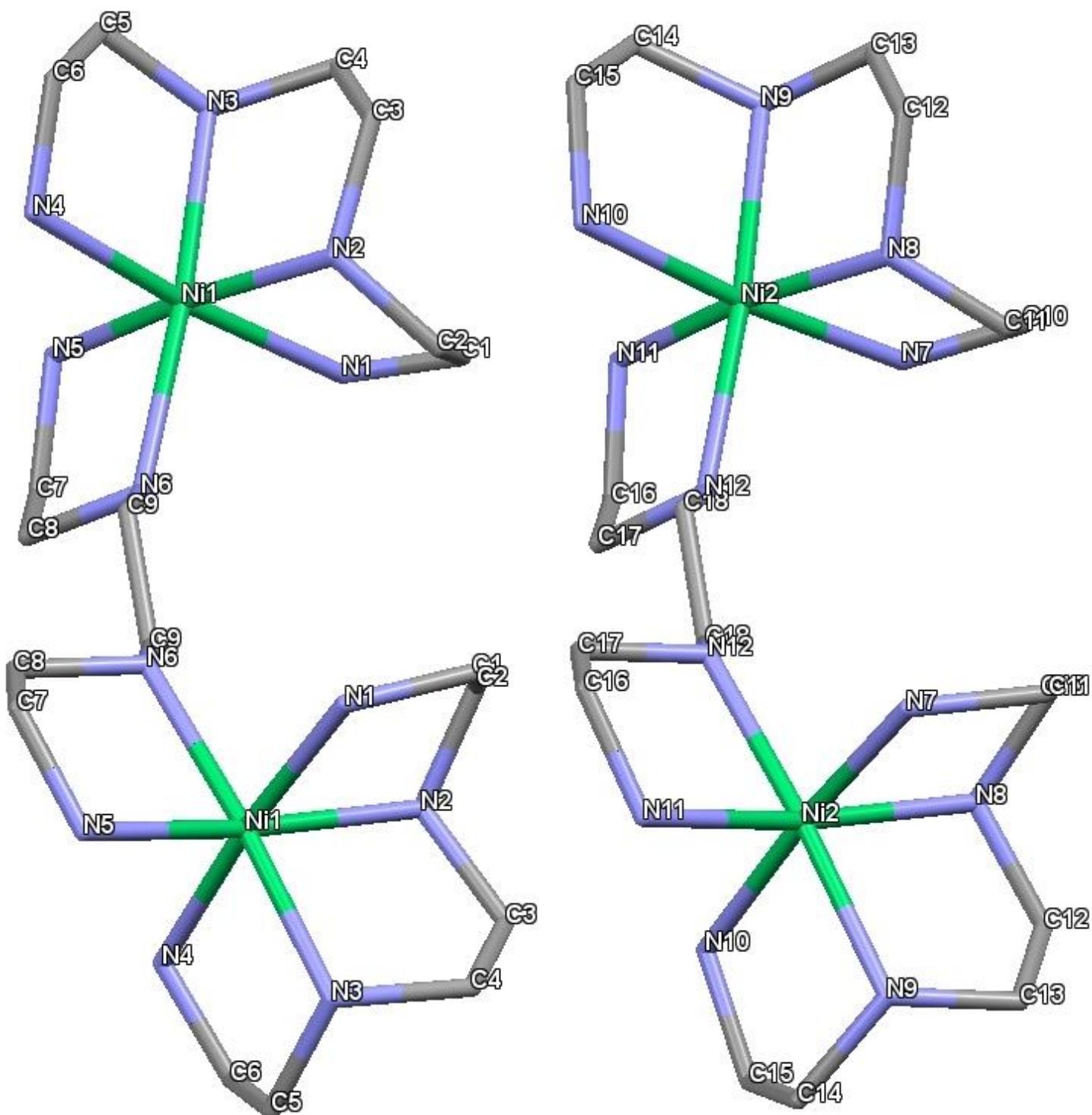
[D-(C₄H₇OS₂)₃Ir] and inverted [L-(C₄H₇OS₂)₃Ir] (In1-In2i:22:0.640:0.084-1.357);

Ghoshal, S., Wadawale, A. & Jain, V.K. (2008). *Anal. Sci.:X-Ray Struct.Anal.Online*, **24**, x15-x16.

**Figure A19.** SIWQIZ:

[D-C₃₅H₁₆F₉N₆Ir] and inverted [L-C₃₅H₁₆F₉N₆Ir] (Ir1-Ir2i:51:0.414:0.115-0.791);

Orselli, E., Kottas, G.S., Konradsson, A., Coppo, P., Frohlich, R., De Cola, L., van Dijken, A., Buchel, M. & Borner, H. (2007). *Inorg. Chem.*, **46**, 11082-11093.

**Figure A20.** SUWZAL:

$[D\text{-C}_9\text{H}_{27}\text{N}_6\text{Ni}^{2+}]_2$ and inverted $[\text{L-C}_9\text{H}_{27}\text{N}_6\text{Ni}^{2+}]_2$ (Ni1-Ni2i:16:0.161:0.025-0.309);
Cai, J., Hu, X.-P., Yao, J.-H. & Ji, L.-N. (2001). *Inorg. Chem. Commun.*, **4**, 478-482.

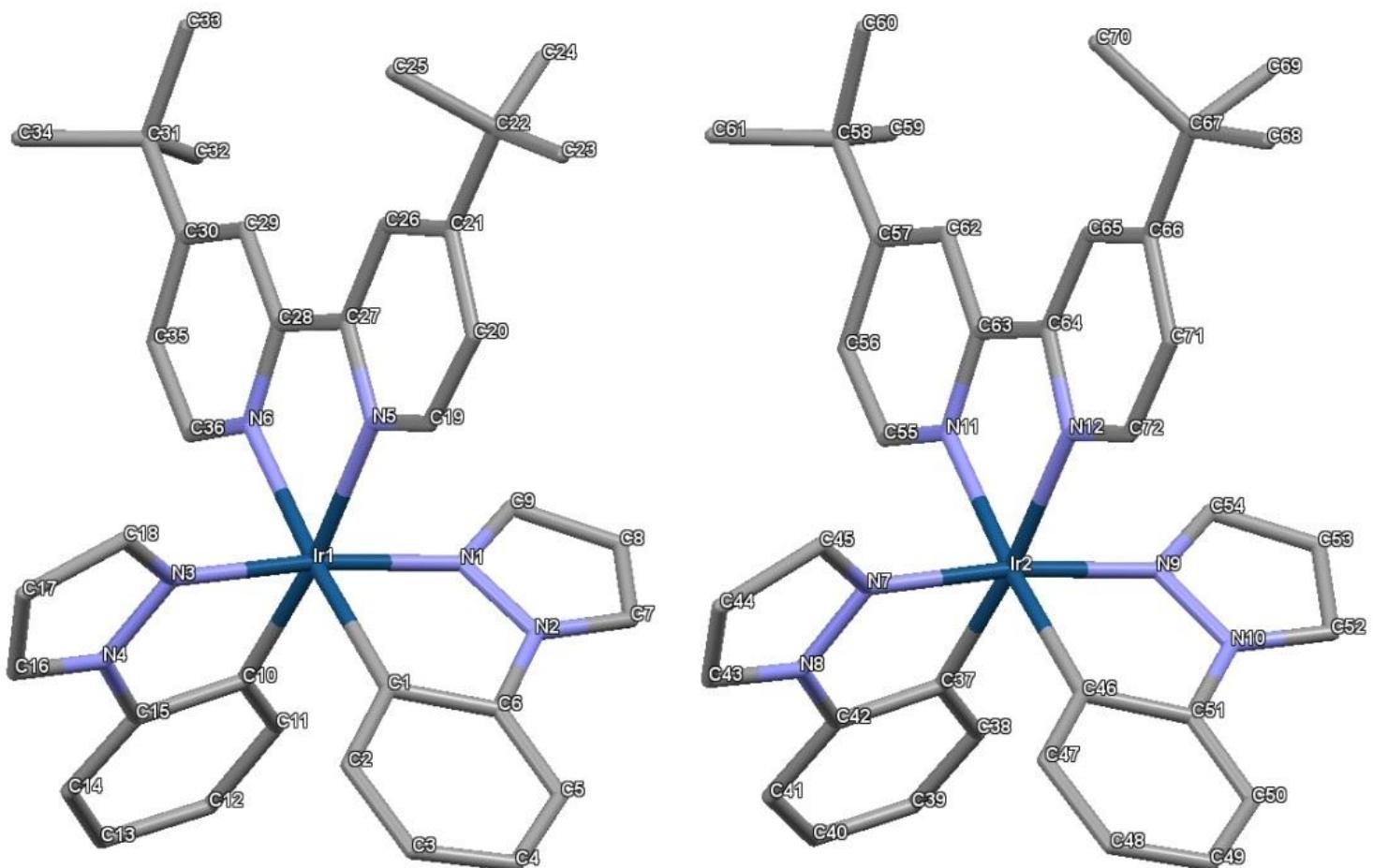
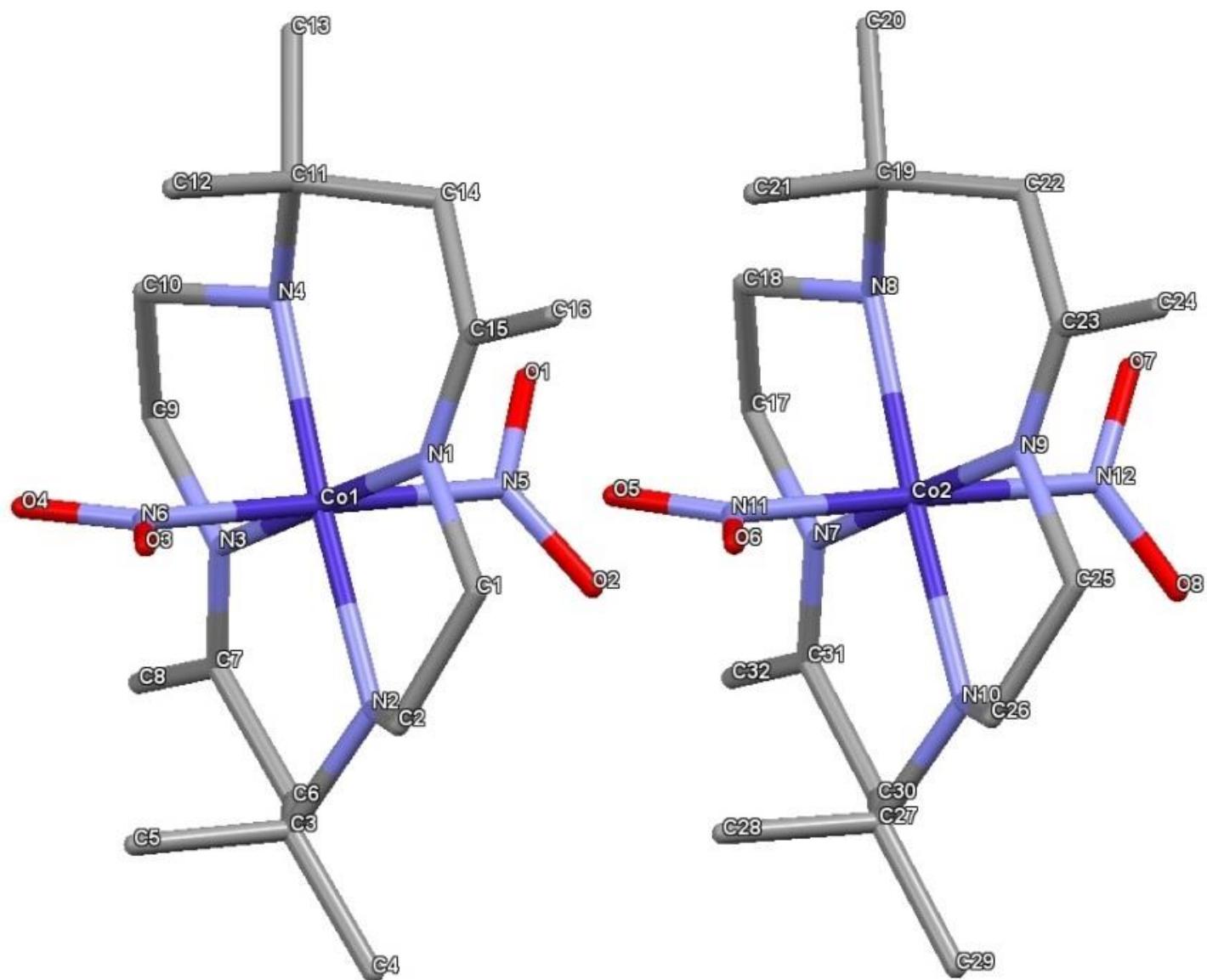


Figure A21. XAXTOG:

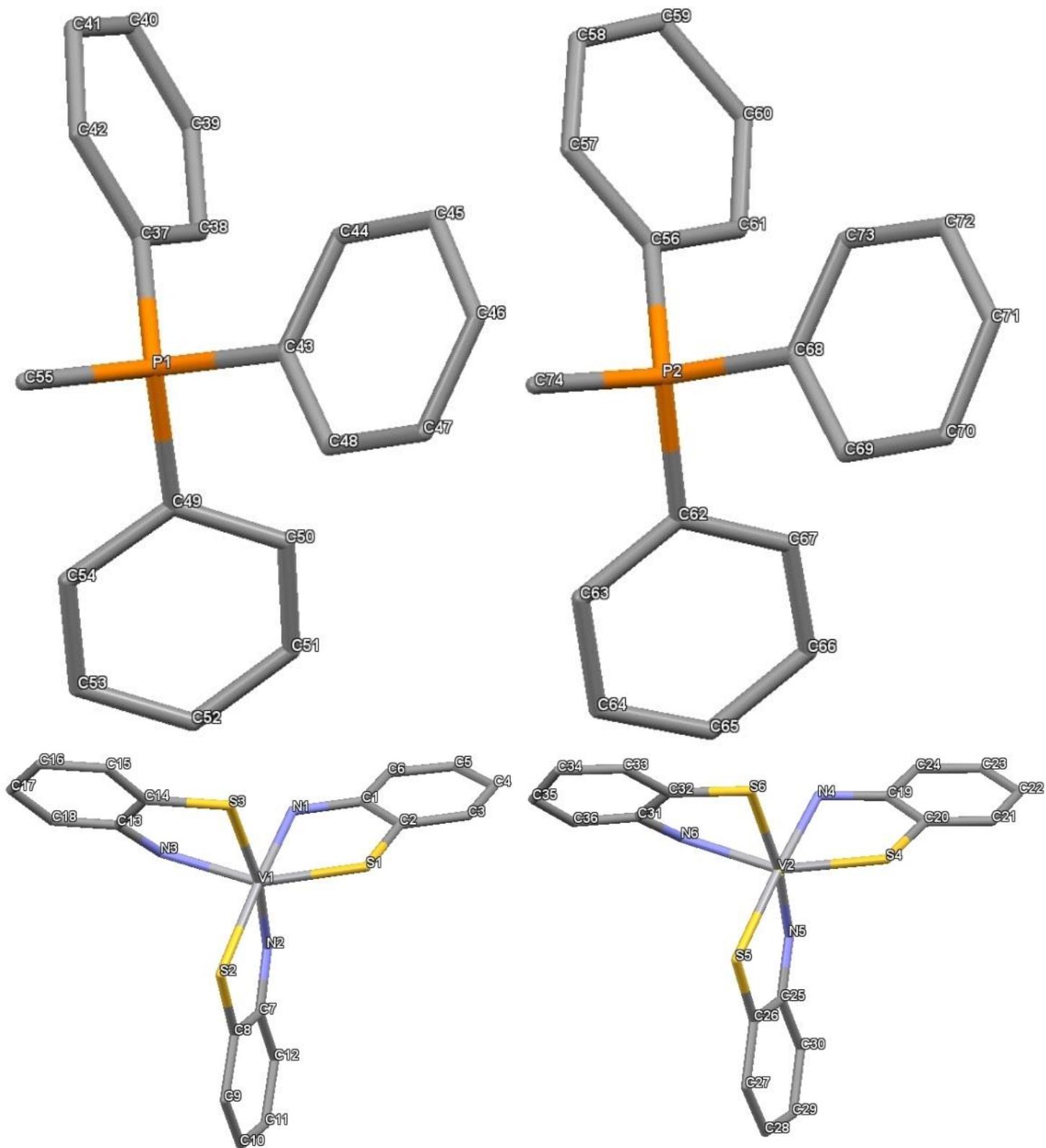
$[\Delta\text{-C}_{36}\text{H}_{38}\text{N}_6\text{Ir}^+]$ and inverted $[\Delta\text{-C}_{36}\text{H}_{38}\text{N}_6\text{Ir}^+]$ (Ir1-Ir2i:43:0.159:0.042-0.467);

Tamayo, A.B., Garon, S., Sajoto, T., Djurovich, P.I., Tsyba, I.M., Bau, R. & Thompson, M.E. (2005). *Inorg. Chem.*, **44**, 8723-8732.

**Figure A22.** YAFDEQ

$[L\text{-C}_{16}\text{H}_{32}\text{N}_6\text{O}_4\text{Co}^+]$ and inverted $[D\text{-C}_{16}\text{H}_{32}\text{N}_6\text{O}_4\text{Co}^+]$ (Co1-Co2i:27:0.094:0.009-0.307);

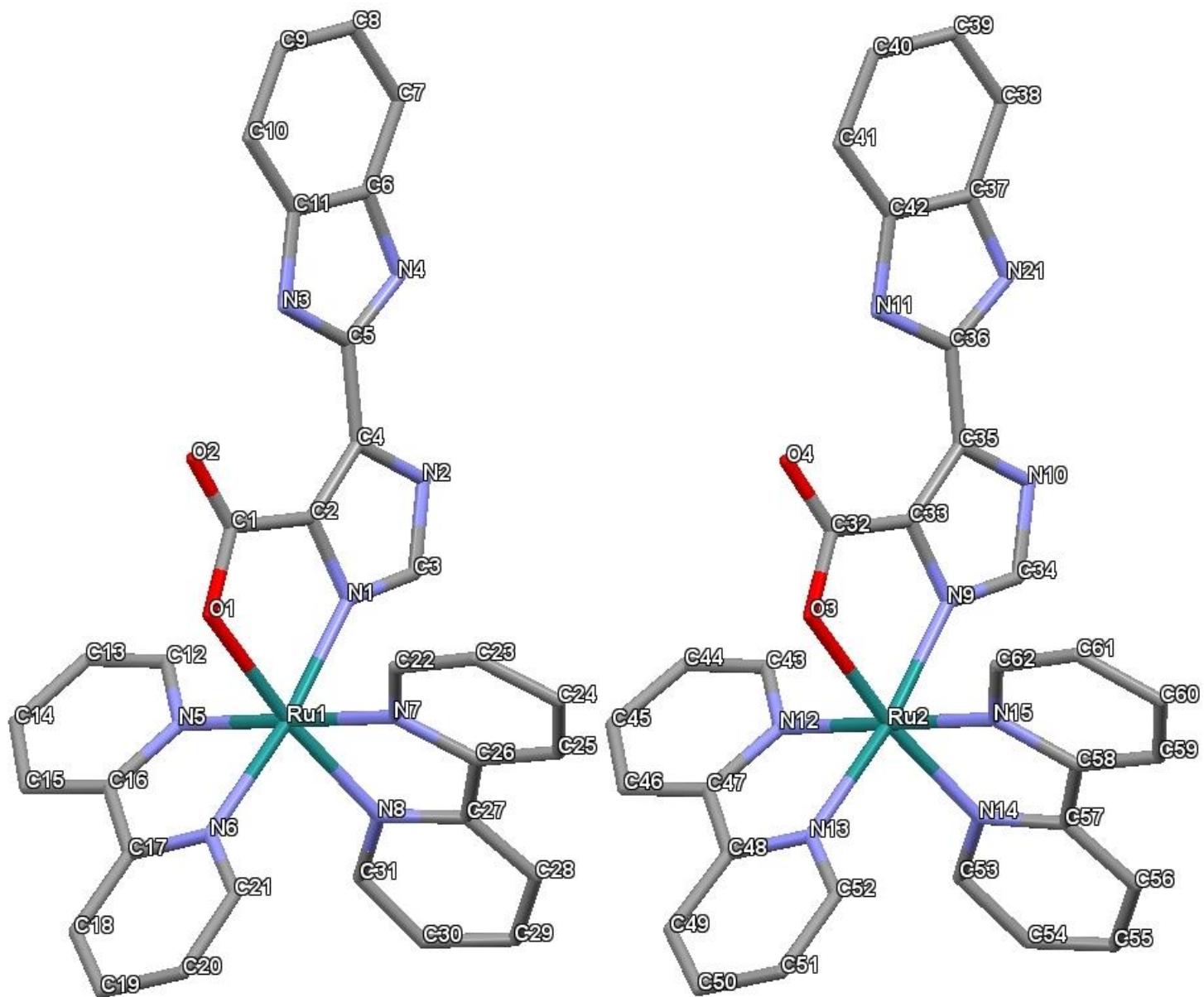
Roy, T.G., Nath, B.C., Begum, K., Ngb, S.W. & Tiekink, E.R.T. (2011). *Acta Cryst.*, **E67**, m1576–m1577.

**Figure A23.** YAJKID

[R-C₁₉H₁₈P⁺] and inverted [S-C₁₉H₁₈P⁺] (P1-P2i:20:0.2128:0.061-0.529);

[Δ-C₁₈H₁₇N₃S₃V⁻] and inverted [Δ-C₁₈H₁₇N₃S₃V⁻] (V1-V2i:24:0.1838:0.036-0.347);

Henkel, G., Krebs, B. & Schmidt, W. (1992). *Angewandte Chemie*, **104**, 1380-1382.

**Figure A24.** ZAVFIN:

$[\Delta\text{-C}_{31}\text{H}_{22}\text{N}_8\text{O}_2\text{Ru}]$ and inverted $[\Lambda\text{-C}_{31}\text{H}_{22}\text{N}_8\text{O}_2\text{Ru}]$ ($\text{Ru1-Ru2i:43:0.094:0.020-0.199}$);

Kundu, T., Chowdhury, A.D., De, D., Mobin, S.M., Puranik, V.G., Datta, A. & Lahiri, G.K. (2012).

Dalton Trans., **41**, 4484-4496.

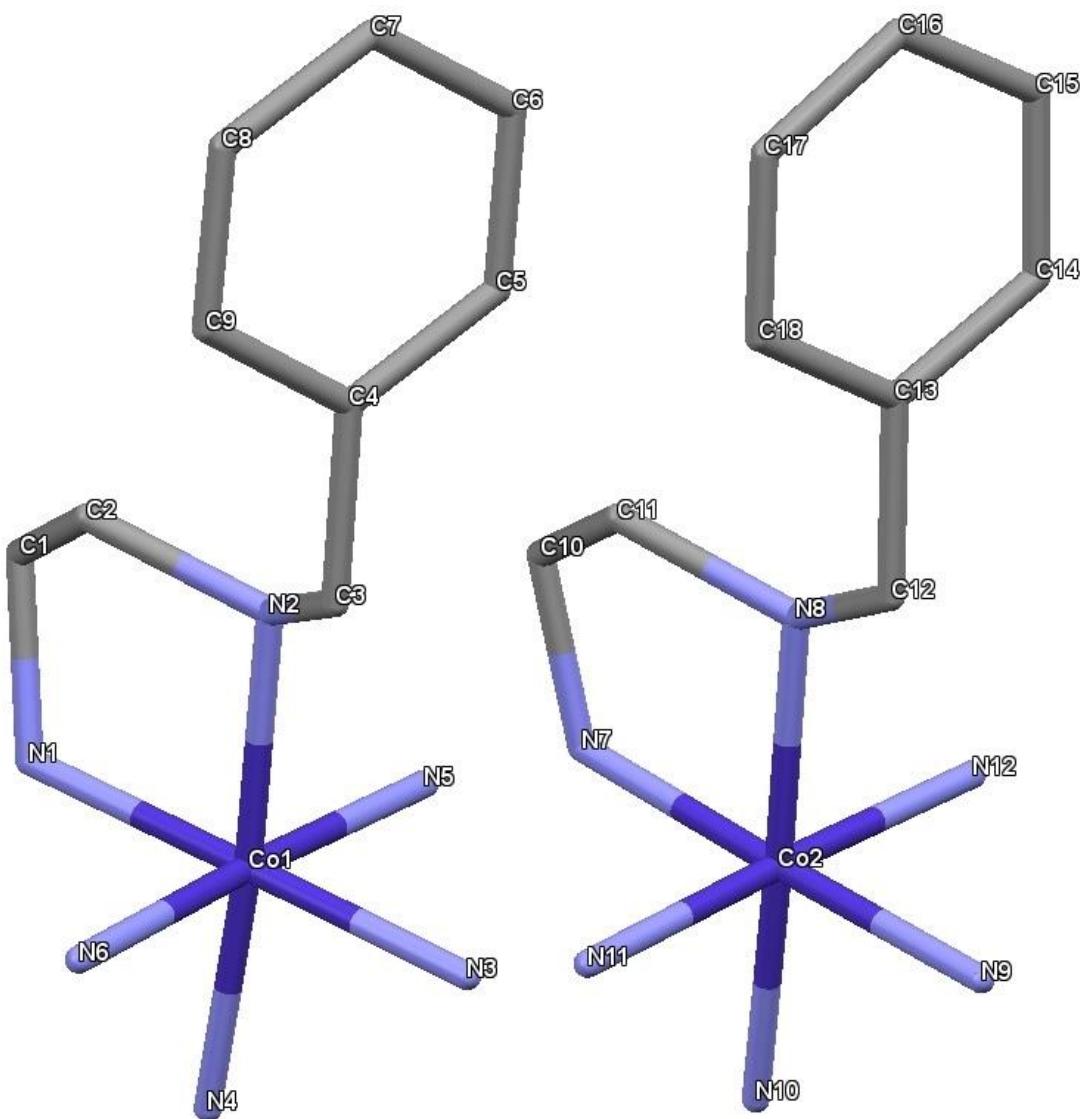


Figure A25. ZIFHEB:

[D- $\text{C}_9\text{H}_{26}\text{N}_6\text{Co}^{3+}$] and inverted [L- $\text{C}_9\text{H}_{26}\text{N}_6\text{Co}^{3+}$] ($\text{Co1-Co2i}:16:0.141:0:0.037-0.220$); Kurosaki, H., Koga, S. & Goto, M. (1995). *Bull. Chem. Soc. Jpn.*, **68**, 843-851.

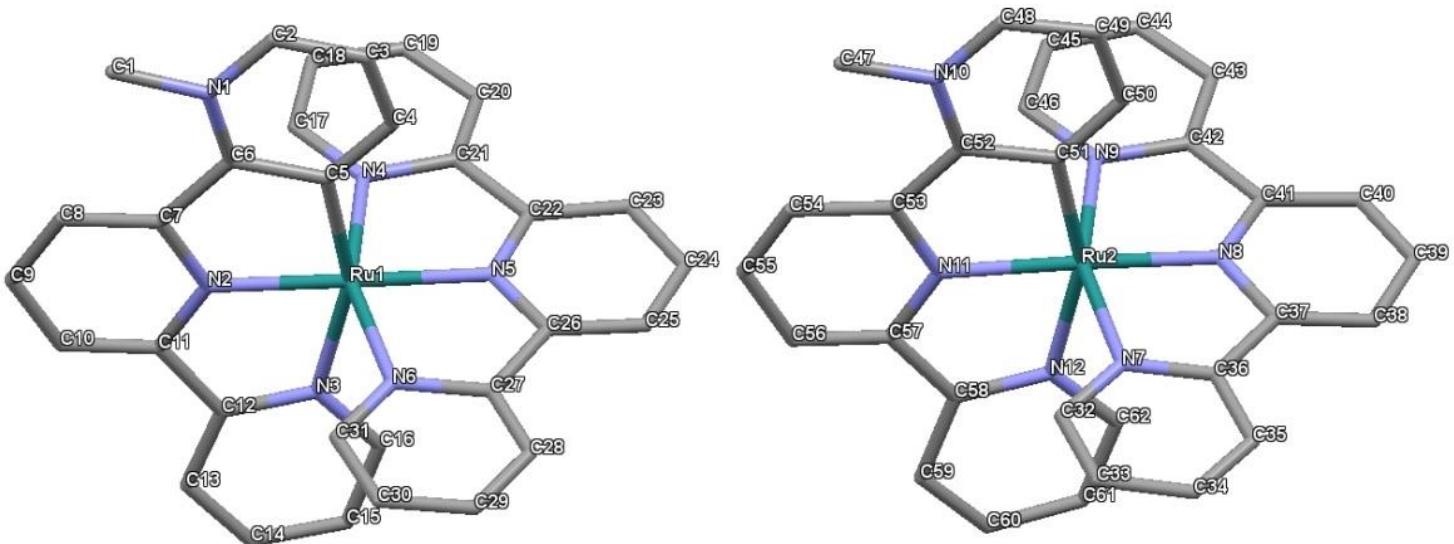


Figure A26. ZUMXUA:

[D- $C_{31}H_{24}N_6Ru^{2+}$] and inverted [L- $C_{31}H_{24}N_6Ru^{2+}$] (Ru1-Ru2i:38:0.112:0.037-0.212);

Bardwell, D.A., Thompson, A.M.W.C., Jeffery, J.C., McCleverty, J.A. & Ward, M.D. (1996).
J.Chem.Soc., Dalton Trans., 873-878.

Supplement II

The table below lists 41 crystal structures in Sohncke space groups which were examined during the course of this study but were not classified as kryptoracemates. Some of these are conglomerates, some are unbalanced, and some contain pairs of diastereomers which are judged not to be nearly enantiomeric because of conformational differences. Ionic compound VAGBOU is unique in that it contains a pair of crystallographically independent nearly enantiomeric cations, but the counter ions are enantiomerically pure aspartate.

Organometallic NonKryptoracemates

Refcode	Reference	SG	Z'	CICFM
ACACCT	Kuroda & Mason (1979)	P2 ₁	2	[D-C ₁₅ H ₂₁ O ₆ Cr] ₂
CESMOD	Burgess <i>et al.</i> (2006)	P2 ₁	4	[D-C ₂₀ H ₁₈ Te ₂ Fe ₂] ₄
CIZSUZ01	Korlyukov <i>et al.</i> (2009)	P2 ₁	4	[D-C ₆ H ₁₂ FNO ₃ Si] ₃ [L-C ₆ H ₁₂ FNO ₃ Si]
EVOXIX	Buil <i>et al.</i> (2011)	P1	8	[D-C ₃₃ H ₅₇ BN ₂ OP ₂ Os] ₆ [L-C ₃₃ H ₅₇ BN ₂ OP ₂ Os] ₂
FAVVEF	Shintani <i>et al.</i> (2012)	P2 ₁	2	[D-C ₂₆ H ₂₄ Si] ₂
FIQWEH	Baker <i>et al.</i> (1999)	P2 ₁	4	[D-C ₁₂ H ₂₁ N ₃ O ₆ Cr] ₄
GUZNOE	Nakashima <i>et al.</i> (2003)	P2 ₁	2	[D-C ₆ H ₂₄ N ₆ Co ³⁺] ₂ (P ₃ O ₉ ³⁻) ₂ ·4H ₂ O
IGOPOJ	Cragg <i>et al.</i> (2002)	P1	1	[D-(C ₅₄ H ₈₁ Cl ₂ N ₃ O ₉ Hg) ₂] ₂
IXUGOX	Getzler <i>et al.</i> (2004)	P1	2	[D-C ₄₄ H ₆₈ N ₂ O ₄ Al ⁺] ₂ ((CO) ₄ Co ⁻) ₂
IZIPUC	Jia <i>et al.</i> (2004)	P2 ₁ 2 ₁ 2 ₁	2	[D-(C ₂ H ₆ N ₂) ₃ Mn ²⁺] [L'-(C ₂ H ₆ N ₂) ₃ Mn ²⁺](S ₅ Sb ₂ ⁴⁻)
IZUXOR	Das <i>et al.</i> (2011)	P2 ₁	2	[D-C ₁₇ H ₂₀ O ₇ Ru] ₂
KARFAK	Searle & Tiekink (1989)	P2 ₁ 2 ₁ 2 ₁	2	[(S(N)-λ-enMe) ₂ (δ-en)Co ³⁺] [(R(N)-δ-enMe) ₂ (δ-en)Co ³⁺](ClO ₄) ₂ Cl ₄ ·2H ₂ O
KONFIC	Sakagami & Kaizaki (1992)	P2 ₁	4	[D-C ₁₂ H ₂₁ N ₂ O ₇ Cr] ₂ ·8H ₂ O
MEBDUU	Ye <i>et al.</i> (2012)	P2 ₁ 2 ₁ 2 ₁	2	[D-C ₃₂ H ₃₁ Cl ₂ N ₄ OPRu] ₂ 0.2(C ₇ H ₈), 0.13(CH ₂ Cl ₂)
OFUBEX	Riis-Johannessen <i>et al.</i> (2008)	P2 ₁	2	[D-C ₄₂ H ₃₉ N ₉ Os ²⁺] ₂ (PF ₆ ⁻) ₄ ·3C ₂ H ₃ N
PEJGAO	Liebig & Ruschewitz (2012)	P2 ₁	2	[D-C ₆ H ₂₄ N ₆ Co ³⁺] ₂ (C ₄ H ₂ O ₄ ²⁻) ₃ ·11.2H ₂ O
PYROCO	Ohba <i>et al.</i> (1981)	P2 ₁	2	[D-C ₁₉ H ₂₄ N ₄ O ₄ Co ⁺] ₂ (ClO ₄) ₂
QADPAM	Bernal <i>et al.</i> (1997)	C2	2	[D-(C ₂ N ₂ H ₈) ₂ (C ₂ O ₄)Co ⁺] [L'-(C ₂ N ₂ H ₈) ₂ (C ₂ O ₄)Co ⁺]F ₂ ·23H ₂ O
QEHCEN	Scharfe & Fassler (2012)	P1	2	[D-(N,N-en)(N-en)(PPh ₃)Cu ⁺] ₂ Br ₂
RAVJIH	Maloney & MacDonnell (1997)	P4 ₃	2	[D-C ₃₆ H ₂₄ N ₆ Ru ²⁺] ₂ (PF ₆ ⁻) ₄ ·2C ₂ H ₃ N·C ₄ H ₁₀ O
REYDEG	Panja (2013)	P2 ₁	4	[D-C ₁₂ H ₁₈ Br ₄ N ₄ O ₂ Co ⁺] [L'-C ₁₂ H ₁₈ Br ₄ N ₄ O ₂ Co ⁺] ₃ (NO ₃) ₄ ·4CH ₃ OH·2.67H ₂ O
REYGAF	Panja (2013)	P2 ₁ 2 ₁ 2	2	[D-C ₁₀ H ₁₆ Br ₄ N ₄ O ₂ Co ⁺] [L'-C ₁₀ H ₁₆ Br ₄ N ₄ O ₂ Co ⁺](ClO ₄) ₂ ·0.5H ₂ O
RIRVOE	Li <i>et al.</i> (2007)	P2 ₁	2	[D-C ₁₆ H ₁₃ N ₆ O ₄ Co] ₂ ·4H ₂ O
SEBRUN	Jia <i>et al.</i> (2006)	P2 ₁ 2 ₁ 2 ₁	2	[D-C ₆ H ₂₄ N ₆ Mn ²⁺][L'-C ₆ H ₂₄ N ₆ Mn ²⁺](As ₂ S ₅ ⁴⁻)
SOZFIW	Kuroda (1991)	R3	1	[D-C ₆ H ₂₄ N ₆ Co ³⁺][D-C ₆ O ₁₂ Rh ³⁻]

TAPTAF	Prelesnik <i>et al.</i> (1992)	P2 ₁	2	[D-C ₃ H ₁₈ N ₅ O ₂ Co ²⁺] ₂ SO ₄
TIQHOR	Wang & Sevov (2007)	P2 ₁	4	[D-C ₆ H ₁₆ N ₄ O ₄ Co ⁺] ₂ [L-C ₆ H ₁₆ N ₄ O ₄ Co ⁺] [D'-C ₆ H ₁₆ N ₄ O ₄ Co ⁺](C ₁₂ H ₈ O ₆ S ₂ ²⁻) ₂ ·7H ₂ O
TOBQUW	Heinemann <i>et al.</i> (1997)	P1	4	[D-C ₂₄ H ₃₄ Ru] ₄
TPNOIR	Albano <i>et al.</i> (1971)	P3	1	[D-((C ₆ H ₅) ₃ P) ₃ IrNO][L-((C ₆ H ₅) ₃ P) ₃ IrNO] ₂
VAGBOU	Kiriyama & Igaki (1988)	P1	2	[D&L-C ₆ H ₁₆ N ₄ O ₄ Co ⁺] ₂ [L-C ₄ H ₆ NO ₄] ₂
VEGBUE	Madafiglio <i>et al.</i> (1990)	P2 ₁ 2 ₁ 2 ₁	4	[D-C ₉ H ₁₃ N ₄ O ₄ SCr] ₄ ·14H ₂ O
VEPPOV	Bombi <i>et al.</i> (1990)	P2 ₁	2	[D-C ₉ H ₁₅ O ₉ Al][L'-C ₉ H ₁₅ O ₉ Al]
WAFWUX	Sunatsuki <i>et al.</i> (2010)	P2 ₁ 2 ₁ 2 ₁	2	[D-C ₉ H ₃₀ N ₆ Co ³⁺] ₂ (P ₃ O ₉ ³⁻) ₂ ·5H ₂ O
WAFXAE	Sunatsuki <i>et al.</i> (2010)	P2 ₁ 2 ₁ 2 ₁	2	[D-C ₉ H ₃₀ N ₆ Cr ³⁺] ₂ (P ₃ O ₉ ³⁻) ₂ ·5H ₂ O
WUCXIC	Lian <i>et al.</i> (2009)	P1	2	[D-C ₃₈ H ₅₅ O ₃ S ₂ Al][L'-C ₃₈ H ₅₅ O ₃ S ₂ Al]
WUGDOR	Takani <i>et al.</i> (2002)	P1	2	[R-C ₄₈ H ₄₀ N ₂ O ₁₂ Pd] ₂ ·2C ₆ H ₆
XONFEM	Boyle <i>et al.</i> (2008)	P2 ₁	2	[trans,trans-C ₁₂ H ₁₂ Cl ₂ N ₂ O ₂ Ti] [cis,trans-C ₁₂ H ₁₂ Cl ₂ N ₂ O ₂ Ti]
YASFEE	Shen <i>et al.</i> (2005)	P2 ₁	2	[D-C ₁₄ H ₁₉ ClN ₅ O ₆ Co] ₂ ·2H ₂ O
YEGMAA	Fu <i>et al.</i> (2012)	P2 ₁ 2 ₁ 2 ₁	2	[D-C ₂₅ H ₂₄ N ₅ O ₂ Ru ⁺] ₂ (NO ₃)·13H ₂ O
ZIKDEC	Nather <i>et al.</i> (1995)	P1	2	[D-C ₁₂ H ₃₀ O ₆ Li ⁺][L'-C ₁₂ H ₃₀ O ₆ Li ⁺](C ₂₈ H ₂₂ ⁻) ₂
ZOZBEW	Fun <i>et al.</i> (1996)	P2 ₁ 2 ₁ 2 ₁	2	[D-C ₈ H ₂₁ N ₄ O ₂ Ni ⁺] ₂ (ClO ₄) ₂

Table 4 Key**Refcode:** Pointer to the crystal structure in the Cambridge Structural Database (CSD).**Reference:** Literature reference.**SG:** Space group in which the crystal structure model was refined and published.**z':** published number of crystallographically independent chemical formula moieties (irrespective of stereochemistry); may be inaccurate, especially if atoms or molecules occupy special positions.**CICFM:** Approximate formulation, including stereodescriptors, of the *crystallographically independent chemical formula moiety*; may be inaccurate if atoms or molecules occupy special positions.
For clarity, charge on complex ions is shown explicitly.

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