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CCl₂NO₂P Cl ₂ P(O)NCO	Dichlorophosphoryl isocyanate Structure and conformational analysis by GED, structure by XRD <i>J. Schwabedissen, D. Li, C. G. Reuter, H.-G. Stammler, N. W. Mitzel, E. Bernardt, and X. Zeng</i> Z. Anorg. Allg. Chem., 644 (2018) 1415
CCl₂O₃S ClC(O)OSO ₂ Cl	Chlorosulfuryl chloroformate Gas-phase structure and conformations (GED) <i>R. M. Romano, A. M. Betancourt, C. O. Della Védova, X. Zeng, H. Beckers, H. Willner, J. Schwabedissen, and N. W. Mitzel</i> Inorg. Chem. 57 (2018) 14834
CF₂NOPS F ₂ P(S)NCO	Difluorothiophosphoryl isocyanate Structure by GED and XRD <i>P. C. Trapp, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, and X. Zeng</i> Manuscript in preparation
CH₂NO₃F FH ₂ CONO ₂	(Fluoromethyl) nitrate Structure and conformational analysis by GED; crystal structure by XRD <i>Yu. V. Vishnevskiy, S. Blomeyer, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, M. Reichel, B. Krumm, and K. Karaghiosoff</i> Manuscript in preparation
CH₃NO₃ H ₃ CONO ₂	Methyl nitrate Structure and conformational analysis by GED (+ literature MW data); crystal structure by XRD <i>Yu. V. Vishnevskiy, S. Blomeyer, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, M. Reichel, B. Krumm, and K. Karaghiosoff</i> Manuscript in preparation
C₂H₁₂B₁₀S₂ closo ^{-1,2} -(SH) ₂ ^{-1,2} -C ₂ B ₁₀ H ₁₀	1,2-Dithiol-1,2-dicarba-closo-dodecaboranate GED structure <i>T. Baše, J. Holub, J. Fanfrlík, D. Hnyk, P. D. Lane, D. A. Wann, Yu. V. Vishnevskiy, D. Tikhonov, C. G. Reuter, and N. W. Mitzel</i> Chem. Eur. J. (2019) in press.
C₂H₁₂B₁₀Se₂ closo ^{-1,2} -(SeH) ₂ ^{-1,2} -C ₂ B ₁₀ H ₁₀	1,2-Diselenol-1,2-dicarba-closo-dodecaboranate GED structure <i>T. Baše, J. Holub, J. Fanfrlík, D. Hnyk, P. D. Lane, D. A. Wann, Yu. V. Vishnevskiy, D. Tikhonov, C. G. Reuter, and N. W. Mitzel</i> Chem. Eur. J. (2019) in press.

C₃H₂F₄ CF ₃ -C(F)=CH ₂	2,3,3,3-Tetrafluoropropene Structures by GED, XRD and electron density <i>J. Schwabedissen, Yu. V. Vishnevskiy, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
C₃H₂F₄ CF ₃ -C(H)=CHF	trans-1,3,3,3-Tetrafluoropropene Structures by GED, XRD and electron density <i>J. Schwabedissen, Yu. V. Vishnevskiy, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
C₆H₂F₁₀O₂ C ₆ F ₁₀ (OH) ₂	Decafluorocyclohexan-1,1-diol GED and XRD structure <i>J. Schaab, M. Schwab, D. Kratzert, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, and I. Krossing</i> Chem. Commun., 54 (2018) 9294
C₇HF₁₃O C ₆ F ₁₀ (OH)(CF ₃)	1-Trifluoromethyl-decafluorocyclohexan-1-ol GED and XRD structure <i>J. Schaab, M. Schwab, D. Kratzert, J. Schwabedissen, H.-G. Stammler, N. W. Mitzel, and I. Krossing</i> Chem. Commun., 54 (2018) 9294
C₉H₂₀Cl₃PSi Cl ₃ SiCH ₂ PtBu ₂	Di-tert-butyl[(trichlorosilyl)methyl]phosphane Structures by GED and XRD <i>T. A. Kinder, S. Blomeyer, J. Schwabedissen, B. Neumann, and N. W. Mitzel</i> Manuscript in preparation
C₉H₂₀F₃PSi F ₃ SiCH ₂ PtBu ₂	Di-tert-butyl[(trifluorosilyl)methyl]phosphane Structures by GED and XRD <i>T. A. Kinder, S. Blomeyer, J. Schwabedissen, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
C₁₀H₁₁F₃Se Ph-(CH ₂) ₃ -Se-CF ₃	(3-Phenylpropyl)(trifluoromethyl)selenium Structure and conformational analysis by GED and microwave spectroscopy (GED+MW); crystal structure by XRD <i>T. Glodde, Yu. V. Vishnevskiy, H.-G. Stammler, J. Schwabedissen, C. Pérez, M. Schnell, and N. W. Mitzel</i> Manuscript in preparation
C₁₁H₁₂F₅NTe (H ₃ C) ₂ N(CH ₂) ₃ -Te-C ₆ F ₅	(Dimethylaminopropyl)(pentafluorophenyl)tellurium Structure and conformational analysis by GED; crystal structure by XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
C₁₂F₁₀Se₂ [(C ₆ F ₅)Se] ₂	1,2-Bis(pentafluorophenyl) diselenide Structure and conformational analysis by GED; crystal structure by XRD <i>T. Glodde, B. Neumann, and N. W. Mitzel</i> Manuscript in preparation
C₁₅H₁₁F₅Se Ph-(CH ₂) ₃ -Se-C ₆ F ₅	(3-Phenylpropyl)(pentafluorophenyl)selenium Structure and conformational analysis by GED; crystal structure by XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
Cl₂O₅S₂ ClS(O) ₂ OS(O) ₂ Cl	Pyrosulfuryl dichloride Structure and conformational analysis by GED; structure and electron density by XRD <i>A. M. Betancourt, J. Schwabedissen, R. M. Romano, C. O. Della Védova, H. Beckers, H. Willner, H.-G. Stammler, and N. W. Mitzel</i>

Chem. Eur. J., 24 (2018) 10409

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