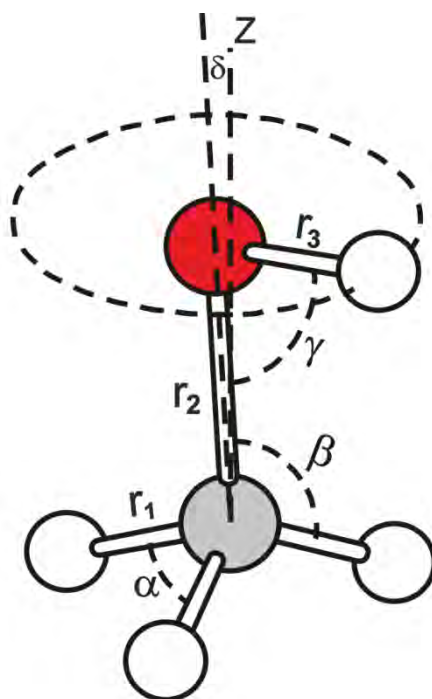


# ***GEDIS Letter***

***Gas Electron Diffraction Information Service***



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# Mitzel

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<b>CCl<sub>4</sub></b>	<b>Tetrachloromethane</b> Structure by GED and MW <i>Yu. V. Vishnevskiy, S. Blomeyer, C. G. Reuter</i> Struct. Chem., 2019, DOI: 10.1007/s11224-019-01443-5
<b>CF<sub>2</sub>NOPS</b> F <sub>2</sub> P(S)NCO	<b>Difluorophosphoryl isocyanate</b> Structure by GED and XRD <i>J. Schwabedissen, P. C. Trapp, H.-G. Stammler, N. W. Mitzel, and X. Zeng</i> Manuscript in preparation
<b>CH<sub>2</sub>FNO<sub>3</sub></b> FCH <sub>2</sub> ONO <sub>2</sub>	<b>Fluoromethyl nitrate</b> Structure by GED and XRD <i>M. Reichel, B. Krumm, Yu. V. Vishnevskiy, S. Blomeyer, H.-G. Stammler, J. Schwabedissen, B. Krumm, K. Karaghiosoff and N. W. Mitzel</i> Angew. Chem. Int. Ed. 58 (2019) 18557 - 18561
<b>CH<sub>3</sub>NO<sub>3</sub></b> CH <sub>3</sub> ONO <sub>2</sub>	<b>Methyl nitrate</b> Structure by GED and XRD <i>M. Reichel, B. Krumm, Yu. V. Vishnevskiy, S. Blomeyer, H.-G. Stammler, J. Schwabedissen, B. Krumm, K. Karaghiosoff and N. W. Mitzel</i> Angew. Chem. Int. Ed. 58 (2019) 18557 - 18561
<b>CO<sub>2</sub></b>	<b>Carbon dioxide</b> Structure by GED and MW <i>Yu. V. Vishnevskiy, S. Blomeyer, C. G. Reuter</i> Struct. Chem., 2019, DOI: 10.1007/s11224-019-01443-5
<b>C<sub>2</sub>H<sub>4</sub>O<sub>2</sub></b> CH <sub>3</sub> COOH	<b>Acetic acid</b> Structure by GED/MS <i>Yu. V. Vishnevskiy, S. Blomeyer, C. G. Reuter, O. Pimenov, S. A. Shlykov</i> Manuscript in preparation
<b>C<sub>2</sub>H<sub>12</sub>B<sub>10</sub>S<sub>2</sub></b>	<b>1,2-Dithiolato-1,2-dicarba-closo-dodecaborane</b> Structure by GED <i>T. Baše, J. Holub, J. Fanfrlik, 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, 25 (9), 2313 - 2321; DOI: 10.1002/chem.201805145
	<b>1,2-Diselenolato-1,2-dicarba-closo-dodecaborane</b>

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<b>C<sub>2</sub>H<sub>12</sub>B<sub>10</sub>Se<sub>2</sub></b>	Structure by GED and XRD <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, 25 (9), 2313 - 2321; DOI: 10.1002/chem.201805145
<b>C<sub>3</sub>H<sub>2</sub>F<sub>4</sub></b> F <sub>3</sub> CC(F)=CH <sub>2</sub>	<b>2,3,3,3-Tetrafluoropropene</b> Structure by GED; structure and electron density by XRD <i>J. Schwabedissen, Yu. V. Vishnevskiy, T. Glodde, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
<b>C<sub>3</sub>H<sub>2</sub>F<sub>4</sub></b> F <sub>3</sub> CCH=CHF	<b>trans-1,3,3,3-Tetrafluoropropene</b> Structure by GED; structure and electron density by XRD <i>J. Schwabedissen, Yu. V. Vishnevskiy, T. Glodde, H.-G. Stammler, N. W. Mitzel, and A. Kornath</i> Manuscript in preparation
<b>C<sub>4</sub>H<sub>8</sub>O<sub>4</sub></b> (CH <sub>3</sub> COOH) <sub>2</sub>	<b>Acetic acid dimer</b> Structure by GED/MS <i>Yu. V. Vishnevskiy, S. Blomeyer, C. G. Reuter, O. Pimenov, S. A. Shlykov</i> Manuscript in preparation
<b>C<sub>5</sub>BrF<sub>4</sub>N</b>	<b>p-Bromotetrafluoropyridine</b> Structure by GED and XRD <i>J. Schwabedissen, J.-H. Lamm, Yu. V. Vishnevskiy, P. C. Trapp, L. A. Körte, H.-G. Stammler, B. Neumann and N. W. Mitzel</i> Chem Eur. J. 2019, 25(30), 7339-7350; DOI: 10.1002/chem.201900334
<b>C<sub>5</sub>ClF<sub>4</sub>N</b>	<b>p-Chlorotetrafluoropyridine</b> Structure by GED and XRD <i>J. Schwabedissen, J.-H. Lamm, Yu. V. Vishnevskiy, P. C. Trapp, L. A. Körte, H.-G. Stammler, B. Neumann and N. W. Mitzel</i> Chem Eur. J. 2019, 25(30), 7339-7350; DOI: 10.1002/chem.201900334
<b>C<sub>5</sub>F<sub>4</sub>IN</b>	<b>p-Iodotetrafluoropyridine</b> Structure by GED and XRD <i>J. Schwabedissen, J.-H. Lamm, Yu. V. Vishnevskiy, P. C. Trapp, L. A. Körte, H.-G. Stammler, B. Neumann and N. W. Mitzel</i> Chem Eur. J. 2019, 25(30), 7339-7350; DOI: 10.1002/chem.201900334
<b>C<sub>5</sub>F<sub>5</sub>N</b>	<b>Pentafluoropyridine</b> Structure by GED and MW <i>J. Schwabedissen, J.-H. Lamm, P. C. Trapp, L. A. Körte, H.-G. Stammler, B. Neumann and N. W. Mitzel</i> Chem Eur. J. 2019, 25(30), 7339-7350; DOI: 10.1002/chem.201900334
<b>C<sub>5</sub>H<sub>5</sub>N<sub>3</sub>O</b>	<b>Pyrazinamide</b> Structure by GED <i>A. Otletov, T. Glodde, A. Rykov, G. V. Girichev, Yu. V. Vishnevskiy</i> Manuscript in preparation
<b>C<sub>7</sub>H<sub>3</sub>F<sub>5</sub>Te</b> CH <sub>3</sub> -Te-C <sub>6</sub> F <sub>5</sub>	<b>Pentafluorophenyl methyl telluride</b> Structure by GED and XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>9</sub>H<sub>9</sub>F<sub>5</sub>SeSi</b> (CH <sub>3</sub> ) <sub>3</sub> Si-Se-C <sub>6</sub> F <sub>5</sub>	<b>Pentafluorophenyl trimethylsilyl selenide</b> Structure and conformational analysis by GED; structure by XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation

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<b>C<sub>9</sub>H<sub>20</sub>F<sub>3</sub>PSi</b> [(H <sub>3</sub> C) <sub>3</sub> C] <sub>2</sub> PCH <sub>2</sub> SiF <sub>3</sub>	<b>Di-tert-butylphosphanyl-methyl)trifluorosilane</b> Structure by GED and XRD <i>T. A. Kinder, S. Blomeyer, M. Franke, F. Depenbrock, B. Neumann, H.-G. Stammler, and N. W. Mitzel</i> Chem. Eur. J. 2019, 25, 5899 - 5903; DOI: 10.1002/chem.201901068
<b>C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>Se</b> Ph-(CH <sub>2</sub> ) <sub>3</sub> -Se-CF <sub>3</sub>	<b>3-Phenylpropyl trifluoromethyl selenide</b> Structure and conformational analysis by GED and MW; structure by XRD <i>T. Glodde, Yu. V. Vishnevskiy, J. Schwabedissen, C. Pérez, M. Schnell and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>11</sub>H<sub>12</sub>F<sub>5</sub>NTe</b> (CH <sub>3</sub> ) <sub>2</sub> N-(CH <sub>2</sub> ) <sub>3</sub> -Te-C <sub>6</sub> F <sub>5</sub>	<b>N,N-Dimethylaminopropyl pentafluorophenyl telluride</b> Structure and conformational analysis by GED; structure by XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>12</sub>F<sub>8</sub>Te<sub>2</sub></b>	<b>1,2,3,4,1',2',3',4'-Octafluorotelluranthrene</b> Structure by GED <i>T. Glodde, J. Kanning, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>12</sub>F<sub>10</sub>Se<sub>2</sub></b> [(C <sub>6</sub> F <sub>5</sub> )Se] <sub>2</sub>	<b>1,2-Bis(pentafluorophenyl) diselenide</b> Structure and conformational analysis by GED; structure by XRD <i>T. Glodde, J. Kanning, B. Neumann, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>14</sub>H<sub>39</sub>AlSi<sub>4</sub></b> ((Me <sub>3</sub> Si) <sub>2</sub> CH) <sub>2</sub> AlH	<b>Bis(di(trimethylsilyl)methyl)alane</b> Structure by GED <i>N. Aders, J. Schwabedissen and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>15</sub>H<sub>11</sub>F<sub>5</sub>Se</b> Ph-(CH <sub>2</sub> ) <sub>3</sub> -Se-C <sub>6</sub> F <sub>5</sub>	<b>3-Phenylpropyl pentafluorophenyl selenide</b> Structure and conformational analysis by GED; structure by XRD <i>T. Glodde, H.-G. Stammler, and N. W. Mitzel</i> Manuscript in preparation
<b>C<sub>16</sub>H<sub>12</sub>Cl<sub>5</sub>F<sub>5</sub>Si<sub>2</sub></b>	<b>1-(Pentafluorophenyl)-2-(pentachlorophenyl)-1,1,2,2-tetramethyldisilane</b> Structure by GED and XRD <i>M. Linnemannstöns, J. Schwabedissen, A. A. Schultz, B. Neumann, H.-G. Stammler, R. J. F. Berger and N. W. Mitzel</i> Chem. Commun.,2020, in press
<b>C<sub>16</sub>H<sub>12</sub>Cl<sub>10</sub>Si<sub>2</sub></b> [(C <sub>6</sub> Cl <sub>5</sub> )-(CH <sub>3</sub> ) <sub>2</sub> Si] <sub>2</sub>	<b>1,2-Bis(pentachlorophenyl)-1,1,2,2-tetramethyldisilane</b> Structure by GED <i>M. Linnemannstöns, J. Schwabedissen, B. Neumann, H.-G. Stammler, R. J. F. Berger and N. W. Mitzel</i> Chem. Eur. J.,2020, 26, in press; <a href="https://doi.org/10.1002/chem.201905727">https://doi.org/10.1002/chem.201905727</a>
<b>C<sub>16</sub>H<sub>12</sub>F<sub>10</sub>Si<sub>2</sub></b> [(C <sub>6</sub> F <sub>5</sub> )-(CH <sub>3</sub> ) <sub>2</sub> Si] <sub>2</sub>	<b>1,2-Bis(pentafluorophenyl)-1,1,2,2-tetramethyldisilane</b> Structure by GED and XRD <i>M. Linnemannstöns, J. Schwabedissen, B. Neumann, H.-G. Stammler, R. J. F. Berger and N. W. Mitzel</i> Chem. Eur. J.,2020, 26, in press; <a href="https://doi.org/10.1002/chem.201905727">https://doi.org/10.1002/chem.201905727</a>
<b>C<sub>16</sub>H<sub>17</sub>Cl<sub>5</sub>Si<sub>2</sub></b> Ph(CH <sub>3</sub> ) <sub>2</sub> Si-Si(CH <sub>3</sub> ) <sub>2</sub> - (C <sub>6</sub> Cl <sub>5</sub> )	<b>1-(Phenyl)-2-(pentachlorophenyl)-1,1,2,2-tetramethyldisilane</b> Structure by GED and XRD <i>M. Linnemannstöns, J. Schwabedissen, A. A. Schultz, B. Neumann, H.-G. Stammler, R. J. F. Berger and N. W. Mitzel</i> Chem. Commun.,2020, in press
	<b>1-(Phenyl)-2-(pentafluorophenyl)-1,1,2,2-tetramethyldisilane</b>

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$C_{16}H_{17}F_5Si_2$ $Ph(CH_3)_2Si-Si(CH_3)_2-(C_6F_5)$	Structure by GED and XRD <i>M. Linnemannstöns, J. Schwabedissen, A. A. Schultz, B. Neumann, H.-G. Stammler, R. J. F. Berger and N. W. Mitzel</i> Chem. Commun., 2020, in press
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