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C₂H₄FN₃ FCH ₂ CH ₂ N ₃	2-Fluoroethyl azide Microwave, quantum chemical calculations, conformations <i>S. Samdal, H. Møllendal, and J.-C. Guillemin</i> J. Phys. Chem. A, accepted
C₃H₃NSe H ₂ C=CHNCSe	Vinyl isoselenocyanate Microwave, quantum chemical calculations, large amplitude motion <i>H. Møllendal, S. Samdal, A. J. C. Bunkan, and J.-C. Guillemin</i> J. Phys. Chem. A, 116 (2012), 4074
C₃H₄FN FCH ₂ CH ₂ CN	3-Fluoropropionitrile Microwave, quantum chemical calculations, conformations <i>H. Møllendal, S. Samdal, and J.-C. Guillemin</i> J. Phys. Chem. A, 116 (2012), 1015
C₃H₅NO H ₂ C=CHNHC(=O)H	N-Vinylformamide Microwave, quantum chemical calculations, conformations <i>H. Møllendal and S. Samdal</i> J. Phys. Chem. A, 116 (2012), 12073
C₄H₅N CH ₃ CH=CHNC	Z- and E-1- Propenyl isocyanide Microwave, quantum chemical calculations, conformations <i>S. Samdal, H. Møllendal, and J.-C. Guillemin</i> J. Phys. Chem. A, 116 (2012), 8833
C₃₃H₅₇CoO₆	Tris(dipivaloylmethanato)cobalt GED, quantum chemical calculations, structure <i>N. V. Tverdova, G. V. Girichev, and S. Samdal</i> Struct. Chem., in press
C₃₃H₅₇CrO₆	Tris(dipivaloylmethanato)chromium GED, quantum chemical calculations, structure <i>N. V. Tverdova, G. V. Girichev, and S. Samdal</i> Struct. Chem., in press