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C₃H₅NO HOCH ₂ CH ₂ N≡C	2-Isocyanoethanol Microwave, quantum chemical calculations, conformations <i>H. Møllendal, S. Samdal, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 118 (2014), 3120
C₄H₃NO HC≡CCH(OH)C≡N	2-Hydroxy-3-butynenitrile Microwave, quantum chemical calculations, conformations <i>H. Møllendal, S. Samdal, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 119 (2015), 634
C₄H₆F C ₃ H ₅ CH ₂ F	(Fluoromethyl)cyclopropane Microwave, quantum chemical calculations, conformations <i>S. Samdal, H. Møllendal, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 118 (2014), 2344
C₄H₇N₃ C ₃ H ₅ CH ₂ N ₃	(Azidomethyl)cyclopropane Microwave, quantum chemical calculations, conformations <i>H. Møllendal, S. Samdal, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 118 (2014), 6971
C₅H₇N H ₂ C=CHCH ₂ CH ₂ N≡C	4-Isocyano-1-butene Microwave, quantum chemical calculations, conformations <i>S. Samdal, T. Groenas, H. Møllendal, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 118 (2014), 1413
C₅H₇P C ₃ H ₅ C≡CPH ₂	Cyclopropylethynylphosphine Microwave, quantum chemical calculations, conformations <i>H. Møllendal, S. Samdal, J. Gauss, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 118 (2014), 9419
C₅H₇P C ₃ H ₅ CH ₂ C≡P	Cyclopropylethylidynephosphine Microwave, quantum chemical calculations, conformations <i>S. Samdal, H. Møllendal, and J.-C. Guillemin</i> <i>J. Phys. Chem. A</i> , 118 (2014), 9994