

Dr. Sarah Masters
 Department of Chemistry
 University of Canterbury
 Privat Bug 4800
 Christchurch 8140
 New Zealand

Telephone: (+64)(3) 364 2456
 Telefax: (+64)(3) 364 2110
 E-Mail: sarah.masters@canterbury.ac.nz
 Homepage: <http://www.chem.canterbury.ac.nz/people/masters.shtml>

C₂F₆O₂S₂ CF ₃ SO ₂ SCF ₃	Trifluoromethanesulfonyl trifluoromethyl ester Structure by ED and ab initio calculations S. L. Masters, D. A. Wann, H. E. Robertson, D. W. H. Rankin, A. Ben Altabef et al. Manuscript in preparation
C₂H₆Br₄Si₂ Br ₃ SiSiBrMe ₂	1,1,1,2-Tetrabromo-2,2-dimethyldisilane Structure by ED and ab initio calculations S. L. Masters, S. J. Atkinson, M. Hoelbling, and K. Hassler Struct. Chem., in press
C₃H₉Br₃Si₂ Br ₃ SiSiMe ₃	1,1,1-Trimethyl-2,2,2-tribromodisilane Structure by ED and ab initio calculations S. J. Atkinson, H. E. Robertson, M. Hoelbling, K. Hassler, C. Mitrofan, W.-W. du Mont, and S. L. Masters Struct. Chem., in press
C₃H₉Cl₃Si₂ Me ₃ SiSiCl ₃	1,1,1-Trichloro-2,2,2-trimethyldisilane Structure by ED and ab initio calculations S. J. Atkinson, H. E. Robertson, M. Hoelbling, K. Hassler, C. Mitrofan, W.-W. du Mont, and S. L. Masters Struct. Chem., in press
C₃H₉F₃Si₂ F ₃ SiSiMe ₃	1,1,1-Trifluoro-2,2,2-trimethyldisilane Structure by ED and ab initio calculations S. J. Atkinson, H. E. Robertson, M. Hoelbling, K. Hassler, C. Mitrofan, W.-W. du Mont, and S. L. Masters Struct. Chem., in press
C₃H₁₂Si₂ H ₃ SiSiMe ₃	Trimethylsilylsilane Structure by ED and ab initio calculations S. J. Atkinson, H. E. Robertson, M. Hoelbling, K. Hassler, C. Mitrofan, W.-W. du Mont, and S. L. Masters Struct. Chem., in press
C₆H₈O₄ Meldrum's acid	2,2-Dimethyl-1,3-dioxane-4,6-dione (Meldrum's acid) Structure by ED and ab initio calculations R. Noble-Eddy, H. E. Robertson, and S. L. Masters Manuscript in preparation
C₆H₁₂F₆Si₂ CF ₃ Me ₂ SiSiMe ₂ CF ₃	1,2-Trifluoromethyl-1,1,2,2-tetramethyldisilane Structure by ED, X-ray diffraction and ab initio calculations, interpretation of Raman spectra S. L. Masters, D. A. Wann, H. E. Robertson, F. Lennox, D. W. H. Rankin, I. Arnason, K. Hassler et al. Manuscript in preparation
C₇H₁₆Cl₃PSi (tBu)(iPr)PSiCl ₃	(Tert-butyl)(iso-propyl)(trichlorosilyl)phosphine Structure by ED and ab initio calculations E. Seppaelae, W.-W. du Mont, S. L. Masters, D. W. H. Rankin, and H. E. Robertson Manuscript in preparation
	Tetrakis(bromodimethylsilyl)methane

C₉H₂₄Br₄Si₄ C(SiMe ₂ Br) ₄	Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₉H₂₄Cl₄Si₄ C(SiMe ₂ Cl) ₄	Tetrakis(chlorodimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₉H₂₄F₄Si₄ C(SiMe ₂ F) ₄	Tetrakis(fluorodimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₉H₂₈Si₄ C(SiMe ₂ H) ₄	Tetrakis(dimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₁₁H₃₀Br₂Si₄ C(SiMe ₃) ₂ (SiMe ₂ Br) ₂	Bis(bromodimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, M. S. Robinson, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₁₁H₃₀Cl₂Si₄ (Me ₃ Si) ₂ C(SiCMe ₂) ₂	Bis(chlorodimethylsilyl)-bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, M. S. Robinson, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₁₁H₃₂Si₄ C(SiMe ₃) ₂ (SiMe ₂ H) ₂	Bis(dimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, M. S. Robinson, S. L. Masters, H. E. Robertson, and P. D. Lickiss</i> Manuscript in preparation
C₁₄H₁₄O₂S (C ₆ H ₅ CH ₂) ₂ SO ₂	Dibenzyl sulfone Structure by ED and ab initio / DFT methods <i>R. Noble-Eddy, H. E. Robertson, and S. L. Masters</i> Manuscript in preparation
C₁₈H₅₄Si₈ (SiMe ₃) ₃ SiSi(SiMe ₃) ₃	Hexakis-trimethylsilyl-disilane Vibrational spectra and structure by ED and ab initio calculations <i>K. Hassler, H. E. Robertson, S. L. Masters et al.</i> Manuscript in preparation
Sb₄O₆ Sb ₄ O ₆	antimony oxide dimer Structure by ED and computational methods using new nozzle <i>S. L. Masters, G. V. Girichev, and S. A. Shlykov</i> Dalton Trans., in press