

Molecular structures of the main group 4 metal(II) bis(trimethylsilylamine) complexes,  $M[N(SiMe_3)_2]_2$  in the crystal (X-ray) and vapour (gas-phase)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The molecular structure and conformation of hexamethyldisilazane, $\text{NH}(\text{Si}(\text{CH}_3)_3)_2$ , as determined by gas phase electron diffraction. <i>Journal of Molecular Structure</i> , 1984, 112, 159-167.	1.8	34
2	Double bonding between the heavier main-group elements: From reactive intermediates to isolable molecules. <i>Polyhedron</i> , 1984, 3, 389-432.	1.0	200
3	Stable compounds with double bonding between the heavier main-group elements. <i>Accounts of Chemical Research</i> , 1984, 17, 386-392.	7.6	150
4	Tris(trimethylsilylamino)silanes $\text{RSi}(\text{NHSiMe}_3)_3$ . Synthesis, crystal and molecular structure of three dimeric trithio derivatives. <i>Journal of Organometallic Chemistry</i> , 1985, 287, 305-320.	0.8	65
5	Annual survey covering the year 1983. <i>Journal of Organometallic Chemistry</i> , 1986, 313, 413-436.	0.8	2
6	The structural chemistry of metal thiolate complexes. <i>Polyhedron</i> , 1986, 5, 1037-1104.	1.0	661
8	Synthesis and structure of $[\text{Pb}(\frac{1}{4}\text{-P-t-Bu}_2)\text{P-t-Bu}_2]_2$ . A perphosphido lead(II) dimer. <i>Polyhedron</i> , 1988, 7, 1909-1910.	1.0	42
9	Multinuclear magnetic resonance studies of cyclic monomeric bis(amino)plumbylenes and bis(amino)stannylenes and a new type of correlation between $^{119}\text{Sn}$ and $^{207}\text{Pb}$ chemical shifts. <i>Journal of Magnetic Resonance</i> , 1989, 83, 601-607.	0.5	12
10	Molecular structure of germylenes and their complexes. <i>Journal of Structural Chemistry</i> , 1990, 31, 318-341.	0.3	1
11	Germanium-germanium multiple bonds: The singlet electronic ground state of $\text{Ge}_2\text{H}_2$ . <i>Chemical Physics Letters</i> , 1990, 165, 257-264.	1.2	69
12	The gas-phase molecular structures of monomeric and dimeric bis(dimethylamino)tin(II), $\text{Sn}(\text{NMe}_2)_2$ . An electron diffraction study. <i>Journal of Molecular Structure</i> , 1990, 221, 15-23.	1.8	3
13	Novel two-coordinate germanium(II) arylamides: $\text{Ge}(\text{NHA}r)_2$ , $\text{ArN}[\text{Ge}(\text{NHA}r)]_2(\mu\text{-NAr})$ and $[\text{Ge}(\mu\text{-NAr})]_2$ , and the X-ray structures of 2 and $\text{Sn}(\text{NHA}r)_2$ ( $\text{Ar} = \text{C}_6\text{H}_2\text{But}_3\text{-2,4,6}$ ). <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1587-1589.	2.0	40
15	Subvalent group 14 metal compounds-XIII. Oxidative addition reactions of germanium and tin amides $\text{M}(\text{NR}_2)_2$ ( $\text{R} = \text{SiMe}_3$ , $\text{M} = \text{Ge}$ OR $\text{Sn}$ ) with sulphur, selenium, tellurium or $\text{MeOCC}(\frac{1}{4})\text{CCOOMe}$ ; X-ray structures of $[\text{Ge}(\text{NR}_2)_2(\frac{1}{4}\text{-Te})]_2$ and. <i>Polyhedron</i> , 1991, 10, 1203-1213.	1.0	39
16	Subvalent Group 14 metal compounds. XIV. The X-ray crystal structures of two monomeric Group 14 metal bisamides, $\text{Ge}[\text{N}(\text{SiMe}_3)_2]_2$ and $\text{Sn}[\text{Me}_2]_2$ . <i>Inorganica Chimica Acta</i> , 1992, 198-200, 203-209.	1.2	95
18	Subvalent Group 14 metal compounds. Part 16. Synthesis, crystal structure and characterisation of some $\hat{1}^2$ -functionalised-alkyltin(II) complexes, $\text{SnR}(\text{X})\{\text{R} = \text{C}_5\text{H}_4\text{N}[\text{C}(\text{SiMe}_3)_2]_2$ ; $\text{X} = \text{R}$ , $\text{Cl}$ or $\text{N}(\text{SiMe}_3)_2\}$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2653-2663.	1.1	40
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24	The molecular structure of organogermanium compounds. <i>Coordination Chemistry Reviews</i> , 1995, 145, 157-200.	9.5	183
26	Amide Group Coordination to the Pb <sup>2+</sup> -ion. <i>Inorganic Chemistry</i> , 1996, 35, 4239-4247.	1.9	76
27	Syntheses and Characterization of Tin(II) Complexes Containing 10- $\pi$ -Electron Ring Systems. <i>Journal of the American Chemical Society</i> , 1996, 118, 9123-9126.	6.6	59
28	N-Methyl-2-(methylamino)troponimate Complexes of Tin(II), Gallium(III), and Indium(III). Syntheses of [(Me) <sub>2</sub> ATI] <sub>2</sub> Gal and [(Me) <sub>2</sub> ATI] <sub>2</sub> InCl Using the Tin(II) Reagent [(Me) <sub>2</sub> ATI] <sub>2</sub> Sn. <i>Inorganic Chemistry</i> , 1996, 35, 6546-6551.	1.9	44
29	Dilithium diamides [Li(OC <sub>4</sub> H <sub>8</sub> )] <sub>2</sub> {C <sub>2</sub> O <sub>2</sub> H <sub>12</sub> (NR) <sub>2</sub> } (R = SiMe <sub>3</sub> or CH <sub>2</sub> But) derived from R-, S- or R,S-2,2'-diamino-1,1'-binaphthyl derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3595-3601.	1.1	21
30	Pyrazolonato complexes of lead. Crystal structures of bis(1-phenyl-3-methyl-4-acetyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Acta, 1996, 250, 173-176.	1.2	48
31	Insertion of GeCl <sub>2</sub> into group VI transition metal-chlorine bonds: synthesis, spectroscopy and structure of molybdenum and tungsten trichlorogermyl complexes. <i>Journal of Organometallic Chemistry</i> , 1997, 542, 35-49.	0.8	26
32	A Dinuclear Tin(II) Amide, ameta-Stannylaminocyclophane and Its Orthostannylated Derivative, a Dimeric Trinuclear Tin(II) Cluster. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 261-263.	4.4	32
33	Cyclopropenylidene Adducts of Divalent Germanium, Tin, and Lead. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2232-2234.	4.4	62
34	New Reactions of a Silylene: Insertion into M $\pi$ -N Bonds of M[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> (M = $\frac{3}{4}$ Ge, Sn, or Pb). <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2514-2516.	4.4	69
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37	Synthesis and structures of tin(II) and lead(II) 1-aza-allyls; the [N(SiMe <sub>3</sub> )C(Ph)C(SiMe <sub>3</sub> ) <sub>2</sub> ] <sup>-</sup> ligand. <i>Inorganica Chimica Acta</i> , 1998, 269, 181-190.	1.2	34
38	Reaktionen von Bis(trimethylsilyl)amino-substituierten Chlorsilanen [(Me <sub>3</sub> Si) <sub>2</sub> N]Me <sub>2</sub> -nPhnSiCl (n=0, 1,) Tj ETQq0 0 0 rgBT /Overlock 1 Disilanen. <i>Journal of Organometallic Chemistry</i> , 1998, 556, 67-74.	0.8	19
39	Syntheses and Structures of Main Group Metal Complexes of the S(NtBu) <sub>3</sub> <sup>2-</sup> -Dianion, an Inorganic Y-Conjugated Tripod. <i>Organometallics</i> , 1998, 17, 832-838.	1.1	36
40	Insertion of Cp*GeCl into a Tungsten $\pi$ -Chlorine Bond and Crystal Structures of the Germylenes Cp*GeCl, [Cp*GeBr] <sub>2</sub> , and [Cp*Ge][BF <sub>4</sub> ] (Cp* = Pentamethylcyclopentadienyl). <i>Organometallics</i> , 1998, 17, 4176-4182.	1.1	51
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43	Application of <sup>119</sup> Sn NMR Parameters. <i>Annual Reports on NMR Spectroscopy</i> , 1999, 38, 203-264.	0.7	188

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45	Gas-Phase Characterization by Photoelectron Spectroscopy of Unhindered, Low-Coordinate Germanium Compounds: $\sigma$ Germainines, Germynes, and Germainonitriles. <i>Organometallics</i> , 1999, 18, 5322-5329.	1.1	16
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47	Molecular Structure of a Monomeric, Base-Free Metal(I) Amide, $TlN[Si(CH_3)_3]_2$ , by Gas Electron Diffraction and by Density Functional Theory and <i>ab Initio</i> MP2 Calculations. <i>Inorganic Chemistry</i> , 1999, 38, 1118-1120.	1.9	10
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84	Diarylstannylene Activation of Hydrogen or Ammonia with Arene Elimination. <i>Journal of the American Chemical Society</i> , 2008, 130, 12268-12269.	6.6	206
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111	Chalcogeno[bis(phosphaalkenyl)] Germanium and Tin Compounds. Inorganic Chemistry, 2012, 51, 7782-7787.	1.9	21
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