^{29}Si-^{29}Si and ^{29}Si-^{13}C Indirect Nuclear Spin-Spin Coupling, and Isotope-Induced Chemical Shifts $^{1}\Delta^{12/13}$C(^{29}Si) and $^{1}\Delta^{28/29}$Si(^{13}C), Determined for Silenes Stabilized by Intramolecular N-Si Coordination

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Silicon, Silenes

Two intramolecularly donor-stabilized silenes, 1-(8-dimethylamino-1-naphthyl)-1,2,2-tris-(trimethylsilyl)silene (**1**), and 1-[bis-2,6-(dimethylaminomethyl)phenyl]-1,2,2-tris(trimethylsilyl)silene **2**, were studied by ^{29}Si and ^{13}C NMR spectroscopy, using polarization transfer techniques in order to determine coupling constants $^{n}J(^{29}\mathrm{Si},^{29}\mathrm{Si})$ (n = 1, 2, 3) and $^{1}J(^{29}\mathrm{Si},^{13}\mathrm{C})$ together with isotope-induced chemical shifts $^{1}\Delta^{12/13}$C(^{29}Si) and $^{1}\Delta^{28/29}$Si(^{13}C).