

Cyclodisilazane in *cis*-Konformation - eine einfache Synthese

Cyclodisilazanes in *cis* Conformation - a Facile Synthesis

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Dilithium derivatives of bis(silylamino)fluorosilanes (**1-3**) react with chlorotrimethylsilane to give dilithium derivatives of the corresponding bis(silylamino)chlorosilanes and Me_3SiF . LiCl-elimination in the presence of THF leads to the formation of silaamidides, which are isolated as dimers, four-membered cyclosilazane anions. $(\text{R}'\text{Si-NR})_2\text{Li}(\text{NR})_2^\ominus$, $\text{Li}(\text{THF})_4^\oplus$ (**4**, **6**), and $(\text{THF})_3\text{Li-Cl-Li}(\text{THF})_3^\oplus$ (**5**) cations. Hydrolysis of the dimeric silaamidides is the only but facile synthesis of cyclodisilazanes in *cis*-conformation (**7 - 9**). **1**, **4**, **7**: $\text{R} = \text{Si}(\text{CMe}_3)_2\text{Me}$, $\text{R}' = \text{F}$; **2**, **5**, **8**: $\text{R} = \text{SiMe}_2\text{CMe}_3$, $\text{R}' = \text{CMe}_3$; **3**, **6**, **9**: $\text{SiMe}_2\text{CMe}_3$, $\text{R} = \text{C}_6\text{H}_5$.

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