Synthesis of Spirocyclic Aminosilanes with Electron Withdrawing Substituents at Nitrogen

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Spirocyclic Sulfonamidosilanes, 1,2-Phenylene Diamides, Capped Tetrahedron, X-Ray Data, Chelation

The first synthesis of spirocyclic tetrasulfonamidosilanes is described. According to the X-Ray structure analysis of the most stable tetratosylamidosilane obtained the Silicon is bonded to four Nitrogen atoms in a spirocycle and surrounded by four Oxygen atoms which are located above the planes of the SiN_4 tetrahedron.

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