

1808
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C₄H₁₀Cl₂Si

Bis(chloromethyl)dimethylsilane

C₂ (GG)
C₁ (AG)

r_a	Å ^{a)}	θ_a	deg ^{a)}
C–H	1.093(9)	C–Si–C	109.5 ^{b)}
C–Cl	1.801(19)	Si–C–Cl	110.5(4)
Si–C	1.875(9)	C–C–H	112.5(18)
		τ (<i>gauche</i>) ^{c)}	117.4(38)

The molecule exists mainly in the GG form with the presence of 30⁺¹⁰_{–20} % AG form.

The nozzle temperature was 60 °C.

^{a)} Twice the estimated standard errors including a systematic error.

^{b)} Assumed.

^{c)} Effective average value of the Cl–C(2)–Si–C(1) and Cl–C(1)–Si–C(2) torsional angles relative to their *anti* positions.

Shen, Q.: J. Mol. Struct. **49** (1978) 337.

