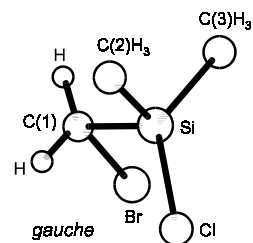


r_g	\AA^a	θ_α	deg^a
C–H	1.091(14)	C(1)–Si–Cl	109.3(33)
Si–C (average)	1.857(3)	Si–C(1)–Br	108.5(24)
Si–Cl	2.065(4)	Si–C(2)–H	113.0(35)
C–Br	1.99(2)	C(2)–Si–C(3) ^b	114.0(51)
		H–C(1)–Br	108 ^c
		τ_1 (<i>gauche</i>) ^d	58(15)
		τ_2 (<i>anti</i>) ^d	157(8)

The molecule exists as a mixture of the *gauche* (55(9)%) and *anti* conformers.

The measurements were made at room temperature.



^a) Unidentified, possibly three times the estimated standard errors.

^b) The C(1)–Si–C(2) and C(1)–Si–C(3) angles were not reported in the original paper.

^c) Assumed.

^d) Torsional angle Cl–Si–C–Br from the *syn* position.

Shen, Q.: J. Mol. Struct. **112** (1984) 169.