

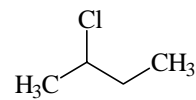
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C₄H₉Cl

2-Chlorobutane
sec-Butyl chloride

C₁

r_g	Å ^{a)}	θ ^{b)}	deg ^{a)}
C–H ^{c)}	1.110(5)	C–C–C ^{c)}	111.4(10)
C–C ^{c)}	1.534(3)	C–C–Cl ^{c)}	112.4(12)
C–Cl	1.781(4)	C–C–H ^{c)}	110.6(20)



The molecule exists as a mixture of three conformers (see [1]).
The measurements were made at 298 K.

^{a)} Estimated standard errors.

^{b)} Unidentified, possibly θ_a .

^{c)} Average value.

Ukaji, T., Bonham, R.A.: J. Am. Chem. Soc. **84** (1962) 3627.

[1] Ukaji, T., Bonham, R. A.: J. Am. Chem. Soc. **84** (1962) 3631.