

1248
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C₃H₆Cl₂Si

1,1-Dichlorosilacyclobutane

C_s

r_a	\AA^a	θ_α	deg^a
Si-C	1.886(4)	C-Si-C	84.0(6)
Si-Cl	2.032(2)	Cl-Si-Cl	105.1(3)
C-C	1.544(6)	H-C-H	111.1(1)
C-H	1.019(7)	Si-C-C ^{b)}	79.0(6)
		C-C-C ^{b)}	110.7(9)
		ϕ^c	31.7(10)
		tilt(SiCl ₂) ^{d)}	2.8(5)

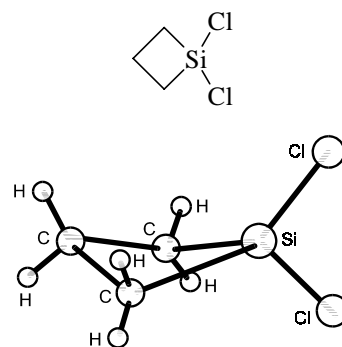
The temperature of the measurement was not stated, probably room temperature.

^{a)} Unidentified, possibly estimated standard errors.

^{b)} Dependent angle.

^{c)} Angle between the CCC and CSiC planes (puckering angle).

^{d)} Tilt angle of the SiCl₂ group, the positive sign being effective when the axial Cl atom is closer to the diagonal C atom.



Cyvin, B.N., Cyvin, S.J., Strelkov, S.A., Mastryukov, V.S., Vilkov, L.V., Golubinskii, A.V.:
J. Mol. Struct. **144** (1986) 385.