

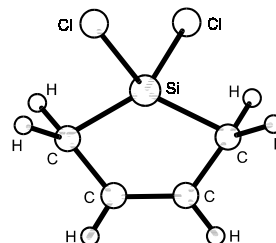
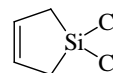
1635
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C₄H₆Cl₂Si

1,1-Dichlorosilacyclopent-3-ene

C_{2v} (planar ring)

r_a	\AA^a	θ_a	deg^a
C=C	1.330(10)	C–C=C	120.3(10)
C–C	1.526(7)	Cl–Si–Cl	103.9(5)
C–H	1.055(10)	δ^b	4.3(10)
Si–Cl	2.066(4)		
Si–C	1.876(6)		



The apparent non-zero value of δ is due to a shrinkage effect.
The nozzle temperature was 55 °C.

^a) Estimated standard errors including a systematic error.

^b) Dihedral angle between CCCC and CSiC planes.

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See also: Veniaminov, N.N., Alekseev, N.V., Bashkirova, S.A., Komalenkova, N.G.,
Chernyshev, E.A.: Zh. Strukt. Khim. **16** (1975) 918; Russ. J. Struct. Chem. (Engl. Transl.)
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