

1637
ED

C₄H₆F₂Si

1,1-Difluorosilacyclopent-3-ene

C_{2v}

r_a	Å ^{a)}	θ_a	deg ^{a)}
C=C	1.378(7)	C-C=C	117.9(3)
C-C	1.519 ^{b)}	F-Si-F	105.5 ^{b)}
C-H	1.140(11)	δ ^{c)}	13.9(8) ^{d)}
Si-Cl	1.583(3)		
Si-C	1.847(3)		

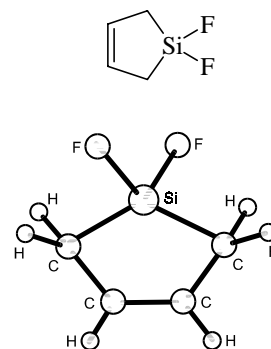
The nozzle temperature was 23 °C.

^{a)} Estimated standard errors including a systematic error.

^{b)} Assumed.

^{c)} Dihedral angle between CCCC and CSiC planes.

^{d)} The apparent non-zero value of δ is due to a shrinkage effect.



Cradock, S., Ebsworth, E.A.V., Hamill, B.M., Rankin, D.W.H., Wilson, J.M., Whiteford, R.A.:
J. Mol. Struct. **57** (1979) 123.