

1470
ED

C₄F₆

Hexafluoro-1,3-butadiene

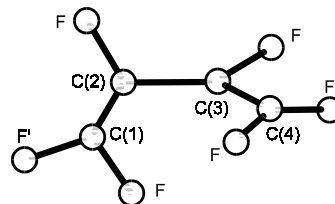
C₂
F₂C=CF–CF=CF₂

r_g	Å ^{a)}	θ_g	deg ^{a)}
C(1)=C(2)	1.336(18)	C(1)=C(2)–C(3)	125.8(6)
C–F (average)	1.323(6)	F–C(2)=C(1)	121.0(18)
C(2)–C(3)	1.488(18)	F–C(1)=C(2)	124.5(9)
		τ^b	47.4(30)

The nozzle temperature was not given, probably room temperature.

^{a)} Three times the estimated standard errors.

^{b)} Effective dihedral angle C(1)=C(2)–C(3)=C(4).



Chang, C.H., Andreassen, A.L., Bauer, S.H.: J. Org. Chem. **36** (1971) 920.