

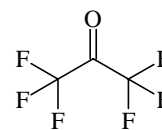
1016
ED

C₃F₆O

Hexafluoropropanone
Hexafluoroacetone

C_{2v} assumed

r_a	\AA^a	θ_a	deg^a
C–F	1.335(2)	F–C–C	110.3(3)
C–C	1.549(8)	C–C–C	121.4(4)
C=O	1.246(14)		



The C and O atoms were assumed to be coplanar.
The measurements were made at room temperature.

^a) Three times the estimated standard errors.

Hilderbrandt, R.L., Andreassen, A.L., Bauer, S.H.: J. Phys. Chem. **74** (1970) 1586.