

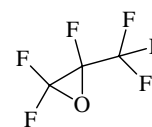
1017
ED

C₃F₆O

2-(Trifluoromethyl)-2,3,3-trifluorooxirane

C₁

r_g	\AA^a	θ^b	deg^a
C–F (average)	1.323(2)	C–C–F (average)	121(1)
C–O (average)	1.410(8)	O–C–F (average)	114(1)
C(1)–C(2)	1.467(7)	C(1)–C(7)–F	110.6(4)
$\Delta(\text{C–C})^c$	0.078	C(2)–C(1)–C(7)	124(1)
		O–C(1)–C(7)	117(2)
		δ^d	29(2)



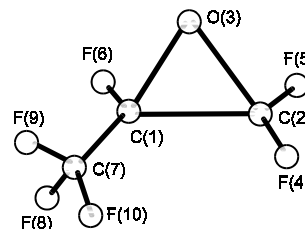
The temperature of the measurements was estimated to be -31°C .

^a) Estimated standard errors.

^b) Unidentified, possibly θ_a .

^c) $\Delta(\text{C–C}) = [\text{C}(1)\text{--C}(7)] - [\text{C}(1)\text{--C}(2)]$.

^d) $\delta = 60^\circ - [\text{F}(9)\text{--C}(7)\text{--C}(1)\text{--C}(2)]$.



Beagley, B., Pritchard, R.G., Banks, R.E.: J. Fluor. Chem. **18** (1981) 159.