

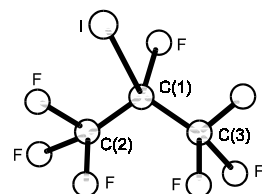
1022
ED

C₃F₇I

1,1,1,2,3,3,3-Heptafluoro-2-iodopropane

C₁
F₃C–CFI–CF₃

r_g	Å ^{a)}	θ ^{b)}	deg ^{a)}
C–I	2.139(36)	C–C–F ^{c)}	111.0(9)
C–F ^{c)}	1.338(7)	I–C–F	111.8(28)
C–C	1.554(25)	C–C–I	109.4(12)
		C–C–C	113.2(24)
		F–C(3)–C(1)–I ^{d)}	47(5)
		F–C(2)–C(1)–I ^{d)}	64(7)



The nozzle temperature was not stated, probably room temperature.

^{a)} Estimated limits of error; twice those of the original data.

^{b)} Unidentified, possibly θ_a .

^{c)} Average value.

^{d)} Torsional angle from the eclipsed position.

Andreassen, A.L., Bauer, S.H.: J. Chem. Phys. **56** (1972) 3802.