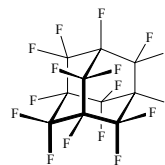


879
ED

 $\text{C}_{10}\text{F}_{16}$
Hexadecafluorotricyclo[3.3.1.1^{3,7}]decane
Perfluoroadamantane

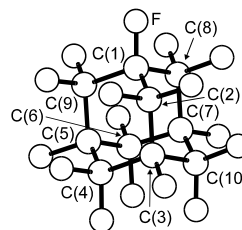
 T_d assumed

r_g	\AA^a	θ_a	deg^a
C(1)–F	1.363(10)	C–C(2)–C	107.7(9)
C(2)–F	1.340(5)	F–C–F	106.9(4)
$\Delta(\text{C–F})^b$	0.023(12)	C(1)–C–F	110.5(2)
C–C	1.560(3)	C(2)–C–F	108.6(4)
		C–C(1)–C	110.3(4)



The nozzle was at room temperature.

^a) Estimated total errors.

^b) $[\text{C}(1)\text{–F}] - [\text{C}(2)\text{–F}]$.

 Hargittai, I., Brunvoll, J., Sonoda, T., Abe, T., Baba, H.: J. Mol. Struct. **445** (1998) 55.