



>>Entry Name: 1,1,1,3,3,3-Hexafluoropropane, 9Cl, 8Cl

Synonym(s): 2,2-Dihydroperfluoropropane

CAS Registry Number: 690-39-1

Related CAS Registry Numbers(s): 27070-61-7

$\text{F}_3\text{CCH}_2\text{CF}_3$

Molecular Formula: $\text{C}_3\text{H}_2\text{F}_6$

Molecular Weight: 152.039

Accurate Mass: 152.006068

Percentage Composition: C 23.70%; H 1.33%; F 74.97%

Use/Importance: Shows anaesthetic props.

Melting Point: Fp -93.62°

Boiling Point: Bp -0.5° (0.5-1.0°)

References:

Tarrant, P. *et al.*, *J.A.C.S.*, 1955, **77**, 2783, (*synth*)

Lelleman, D.D. *et al.*, *J. Mol. Spectrosc.*, 1961, **7**, 322, (*F-19 nmr*)

Chebурkov, Yu.A. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1963, 1573, (*synth*)

Naae, D.G. *et al.*, *Org. Mass Spectrom.*, 1974, **9**, 1203, (*ms*)

Di Paolo, T. *et al.*, *J. Pharm. Sci.*, 1979, **68**, 39, (*pharmacol*)

Buerger, H. *et al.*, *Spectrochim. Acta A*, 1979, **35**, 517, (*ir, Raman, F-19 nmr*)

Eujen, R. *et al.*, *J. Fluorine Chem.*, 1983, **22**, 263, (*F-19 nmr*)

Bloshchitsa, F.A. *et al.*, *Zh. Org. Khim.*, 1985, **21**, 1414, (*synth, F-19 nmr, pmr*)