



>>Entry Name: 1,1,2,2-Tetrafluoro-1,2-diiodoethane, 9CI

Synonym(s): 1,2-Diiodoperfluoroethane. *sym*-Diiodotetrafluoroethane

CAS Registry Number: 354-65-4

F2CICF2I

Molecular Formula: C2F4I2

Molecular Weight: 353.825

Accurate Mass: 353.802558

Percentage Composition: C 6.79%; F 21.48%; I 71.73%

Boiling Point: Bp 112-113°. Bp₁₄ 23°

Density: d_4^{25} 2.629

Refractive Index: n_D^{25} 1.4890

References:

Kushida, K. *et al.*, *Proton and Fluorine Nuclear Magnetic Resonance Spectral Data*, Japan Halon Co., 079, (*F-19 nmr*)

Emeleus, H.J. *et al.*, *J.C.S.*, 1949, 2948, (*synth*)

Coffman, D.D. *et al.*, *J.O.C.*, 1949, **14**, 747, (*synth*)

Nodiff, E.A. *et al.*, *J.O.C.*, 1953, **18**, 235, (*props*)

Knunyants, I.L. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1964, 384, (*synth*)

Chung Wu, E. *et al.*, *J. Phys. Chem.*, 1975, **79**, 1078, (*uv*)

Powell, D.L. *et al.*, *J. Raman Spectrosc.*, 1978, **7**, 111, (*ir, Raman*)

Ulm, K. *et al.*, *Toxicol. Lett.*, 1980, **6**, 365, (*tox*)