



>>Entry Name: 1,2-Dichloro-1,1,2-trifluoro-2-iodoethane, 9CI

CAS Registry Number: 354-61-0

Related CAS Registry Numbers(s): 57171-62-7

F₂CCICCFI

Molecular Formula: C₂Cl₂F₃I

Molecular Weight: 278.827

Accurate Mass: 277.837386

Percentage Composition: C 8.62%; Cl 25.43%; F 20.44%; I 45.51%

Physical Description: Liq.

Boiling Point: Bp 103.9°. Bp₁₀₀ 43-44°

Density: d₄²⁵ 2.199

Refractive Index: n_D^{25.2} 1.4480

Other Data: Turns pink in light

References:

Hazeldine, R.N., *J.C.S.*, 1953, 1764, (*uv*)

Hauptschein, M. *et al.*, *J.A.C.S.*, 1961, **83**, 2495, (*synth, ir*)

Bissell, E.R. *et al.*, *J.O.C.*, 1962, **27**, 1482, (*synth*)

Capnel, P. *et al.*, *Tetrahedron*, 1979, **35**, 2661, (*F-19 nmr*)