



>>Entry Name: 1,1,2,2-Tetrafluoroethane, 9CI

Synonym(s): Fluorocarbon 134. HFC 134. Freon 134

CAS Registry Number: 359-35-3

Related CAS Registry Numbers(s): 29759-38-4

F_2CHCHF_2

Molecular Formula: $\text{C}_2\text{H}_2\text{F}_4$

Molecular Weight: 102.031

Accurate Mass: 102.009262

Percentage Composition: C 23.54%; H 1.98%; F 74.48%

Physical Description: Gas

Melting Point: Fp -89°

Boiling Point: Bp -19.7°

Hazard & Toxicity: Flammable

References:

Young, D.S. *et al.*, *J.A.C.S.*, 1940, **62**, 1171, (*synth*)

Knunyants, I.L. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1958, 906, (*synth*)

Dean, R.R. *et al.*, *Trans. Faraday Soc.*, 1968, **64**, 1409, (*pmr, F nmr*)