



>>Entry Name: 1,2-Dibromo-1-fluoroethane, 9CI

CAS Registry Number: 358-97-4

BrCH₂CHBrF

Molecular Formula: C₂H₃Br₂F

Molecular Weight: 205.852

Accurate Mass: 203.89855

Percentage Composition: C 11.67%; H 1.47%; Br 77.63%; F 9.23%

>>Variant: (±)-form

Molecular Formula: C₂H₃Br₂F

Molecular Weight: 205.852

Accurate Mass: 203.89855

Percentage Composition: C 11.67%; H 1.47%; Br 77.63%; F 9.23%

Physical Description: Liq.

Melting Point: Mp -54°

Boiling Point: Bp 122.5°

Density: d₁₇ 2.257

Refractive Index: n_D¹⁹ 1.5012

References:

El Bermami, M.F. *et al.*, *Spectrochim. Acta A*, 1968, **24**, 1251, (*conformn*)

Wong, Y.P. *et al.*, *J. Magn. Reson.*, 1973, **12**, 1, (*synth, pmr, F-19 nmr*)