



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

Synonym(s): Halon 2302

CAS Registry Number: 354-04-1

CF₂BrCHBrF

Molecular Formula: C₂HBr₂F₃

Molecular Weight: 241.833

Accurate Mass: 239.879706

Percentage Composition: C 9.93%; H 0.42%; Br 66.08%; F 23.57%

Rare Chemicals Library: S56047-2

>>Variant: (±)-form

Molecular Formula: C₂HBr₂F₃

Molecular Weight: 241.833

Accurate Mass: 239.879706

Percentage Composition: C 9.93%; H 0.42%; Br 66.08%; F 23.57%

Source/Synthesis: Bromine addn. prod. of CF₂=CHF

Physical Description: Liq.

Boiling Point: Bp 76°

Density: d₄⁰ 2.28

References:

Park, J.D. *et al.*, *J.A.C.S.*, 1951, **73**, 711, (*synth, props*)