



>>Entry Name: **1,2-Dibromo-2-methylpropane**, 9CI

Synonym(s): Isobutylene dibromide. 1,2-Dibromoisobutane

CAS Registry Number: 594-34-3

$(\text{H}_3\text{C})_2\text{CBrCH}_2\text{Br}$

Molecular Formula: $\text{C}_4\text{H}_8\text{Br}_2$

Molecular Weight: 215.915

Accurate Mass: 213.939272

Percentage Composition: C 22.25%; H 3.73%; Br 74.01%

Melting Point: Mp 9-12°

Boiling Point: Bp 149-151°. Bp₃₆ 60-61°

Density: d_4^{20} 1.78

Hazard & Toxicity: Fl.p. 56°

Aldrich: 25162-3

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 121A, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 81D, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 113B, (ir)

Krestinsky, W., *Ber.*, 1922, **55**, 2757, (synth)

Kharasch, M.S. *et al.*, *J.O.C.*, 1941, **6**, 818