



>>Entry Name: **2,3-Dibromo-1-propene**, 9CI

Synonym(s): 2-Bromoallyl bromide

CAS Registry Number: 513-31-5

$\text{H}_2\text{C}=\text{CBrCH}_2\text{Br}$

Molecular Formula: $\text{C}_3\text{H}_4\text{Br}_2$

Molecular Weight: 199.873

Accurate Mass: 197.907972

Percentage Composition: C 18.03%; H 2.02%; Br 79.95%

Boiling Point: Bp 139-140°. Bp₁₈ 40.5°

Solubility: Insol. H_2O ; sol. Et_2O , Me_2CO , CHCl_3

Density: d_4^{25} 2.035

Refractive Index: n_D^{25} 1.5416

Aldrich: 10600-3

Fluka: 34295

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 99C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 139D, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 91A, (*nmr*)

Org. Synth., Coll. Vol., 1, 1932, 209, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, DDS200