



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

Synonym(s): 3-Bromoallyl bromide

CAS Registry Number: 627-15-6

BrCH2CH=CHBr

Molecular Formula: $C_3H_4Br_2$

Molecular Weight: 199.873

Accurate Mass: 197.907972

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

Aldrich: 27616-2

>>Variant: (*E*)-form

CAS Registry Number: 32121-07-6

Molecular Formula: $C_3H_4Br_2$

Molecular Weight: 199.873

Accurate Mass: 197.907972

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

Boiling Point: Bp₅₀ 79°. Bp₂₅ 66°

Density: d²⁰ 1.98

>>Variant: (*Z*)-form

CAS Registry Number: 32121-06-5

Molecular Formula: $C_3H_4Br_2$

Molecular Weight: 199.873

Accurate Mass: 197.907972

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

Boiling Point: Bp₅₀ 79°. Bp₂₅ 60°

Density: d²⁰ 2.06

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 145A, (*nmr*)

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

v. Braun, J. *et al.*, *Ber.*, 1925, **58**, 2168, (*synth*)

Hatch, L.F. *et al.*, *J.A.C.S.*, 1953, **75**, 6002, (*synth*)