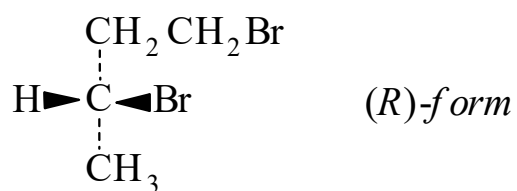




>>Entry Name: 1,3-Dibromobutane, 9CI, 8CI



CAS Registry Number: 107-80-2

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

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

Aldrich: 15657-4

Fluka: 34040

>>Variant: (R)-form

CAS Registry Number: 24621-62-3

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

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

Optical Rotation: $[\alpha]_{\text{D}}^{25} -29.9$ (c, 17.8 in CHCl₃)

>>Variant: (±)-form

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

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

Boiling Point: Bp 174°. Bp₂₀₀ 127.5°

References:

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Fargher, R.G. *et al.*, *J.C.S.*, 1914, **105**, 1353, (*synth*)

Paquette, L.A. *et al.*, *J.O.C.*, 1970, **35**, 2249, (*synth, abs config*)