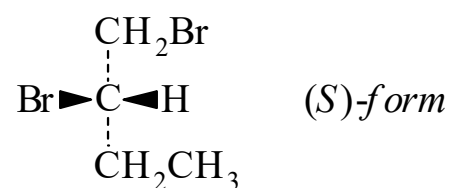




>>Entry Name: 1,2-Dibromobutane, 9CI, 8CI



CAS Registry Number: 533-98-2

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

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

Aldrich: 25232-8

>>Variant: (S)-form

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

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

Physical Description: Liq.

Optical Rotation: $[\alpha]_{\text{D}}^{25} -7.38$ (neat)

Refractive Index: $n_{\text{D}}^{24} 1.5130$

>>Variant: (±)-form

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

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

Melting Point: Mp -65.4°

Boiling Point: Bp 166°. Bp₁₅ 82-83.5°

Density: $d_4^{20} 1.8$

Hazard & Toxicity: Irritant, narcotic. Flammable, fl. p. 38°

References:

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Lépingle, M., *Bull. Soc. Chim. Fr.*, 1926, **39**, 741, (*synth*)

Bellucci, G. *et al.*, *Tetrahedron*, 1969, **25**, 4167, (*synth, abs config*)

Sax, N.I., *Dangerous Properties of Industrial Materials, 5th edn.*, Van Nostrand Reinhold, 1979, 446