



>>Entry Name: Dibromomethane, 9CI
Synonym(s): Methylene bromide. R 30B2

CAS Registry Number: 74-95-3

CH₂Br₂

Molecular Formula: CH₂Br₂

Molecular Weight: 173.835

Accurate Mass: 171.892322

Percentage Composition: C 6.91%; H 1.16%; Br 91.93%

Source/Synthesis: Constit. of the red alga *Asparagopsis taxiformis*

Biological Source: Isol. from various marine algae

Use/Importance: Solvent, reagent for org. synth.

Physical Description: Liq.

Melting Point: Fp -52.7°

Boiling Point: Bp 97°

Solubility: Spar. sol. H₂O

Density: d₂₅²⁵ 2.48

Refractive Index: n_D²⁰ 1.5410

Hazard & Toxicity: Fl. p. >100°. Reacn. with K metal produces shock-sensitive explosive. LD₅₀ (rat, orl) 108 mg/kg

Aldrich: 23999-2

Fluka: 66730

Sigma: D8294

Supelco: R47-1790

References:

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