



>>Entry Name: 1,4-Dibromopentane, 9CI

CAS Registry Number: 626-87-9

Extra CAS Registry Numbers(s): 189633-38-3 189633-39-4
H3CCHBrCH2CH2CH2Br

Molecular Formula: $C_5H_{10}Br_2$

Molecular Weight: 229.942

Accurate Mass: 227.954922

Percentage Composition: C 26.12%; H 4.38%; Br 69.50%

Aldrich: 25207-7

Fluka: 34259

>>Variant: ($\pm$)-form

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Physical Description: Liq.

Melting Point: Fp -34.42°

Boiling Point: Bp₁₅₀ 145-147° dec.. Bp₁₄ 99°

Density: d_4^{20} 1.622169

Refractive Index: $n_D^{20.5}$ 1.5050

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 82D, (*ir*)

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 121C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 115C, (*ir*)

Scholtz, M. *et al.*, *Ber.*, 1899, **32**, 848-853, (*synth*)

Froebe, W. *et al.*, *Monatsh. Chem.*, 1902, **23**, 1087, (*synth*)

Stepanova, O.S., *Zh. Obshch. Khim.*, 1962, **32**, 3295-3298; *CA*, **58**, 12432, (*synth*)

Julia, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1969, 2415-2427, (*synth*)

Crowder, G.A. *et al.*, *J. Mol. Struct.*, 1981, **75**, 155-159, (*ir, Raman*)