



>>Entry Name: 4-Methylheptane, 9CI

Synonym(s): Methyldipropylmethane

CAS Registry Number: 589-53-7

H3CCH2CH2CH(CH3)CH2CH2CH3

Molecular Formula: C₈H₁₈

Molecular Weight: 114.23

Accurate Mass: 114.14085

Percentage Composition: C 84.12%; H 15.88%

Boiling Point: Bp 118°

Density: d¹⁵ 0.722

Refractive Index: n_D²⁵ 1.3978

Aldrich: 11102-3

Fluka: 67140

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 12B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 11D, (*ir*)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 6H, (*ir*)

Slabey, V.A. *et al.*, *J.A.C.S.*, 1952, **74**, 3887, (*synth*)

Dvoretzky, I. *et al.*, *Anal. Chem.*, 1963, **35**, 545, (*synth*)

Mann, G., *Tetrahedron*, 1967, **23**, 3375, (*conformn, props*)

Beierbeck, H. *et al.*, *Can. J. Chem.*, 1977, **55**, 771, (*cmr*)