



>>Entry Name: 2-Methyl-2-hexanol, 9CI

Synonym(s): Butyldimethylcarbinol. 2-Isoheptanol

CAS Registry Number: 625-23-0

$(\text{H}_3\text{C})_2\text{C}(\text{OH})\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$

Molecular Formula: $\text{C}_7\text{H}_{16}\text{O}$

Molecular Weight: 116.203

Accurate Mass: 116.120115

Percentage Composition: C 72.35%; H 13.88%; O 13.77%

Boiling Point: Bp 141-142°. Bp₁₅ 53-55°

Aldrich: 11160-0

>>Derivative: Phenylurethane

Melting Point: Mp 44-45°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 127B, (*ir*)

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 191C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 184B, (*ir*)

Whitmore, F.C. *et al.*, *J.A.C.S.*, 1933, **55**, 361-365, (*synth*)

Viehe, G. *et al.*, *Chem. Ber.*, 1962, **95**, 2557-2562, (*synth*)