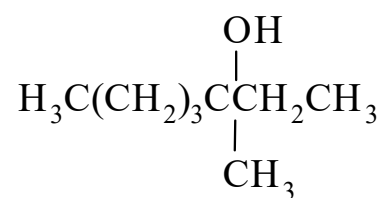




>>Entry Name: 3-Methyl-3-heptanol, 9CI

Synonym(s): Butylethylmethylcarbinol



CAS Registry Number: 5582-82-1

Molecular Formula: C₈H₁₈O

Molecular Weight: 130.23

Accurate Mass: 130.135765

Percentage Composition: C 73.78%; H 13.93%; O 12.29%

Rare Chemicals Library: S43321-7

>>Variant: (±)-form

CAS Registry Number: 598-06-1

Molecular Formula: C₈H₁₈O

Molecular Weight: 130.23

Accurate Mass: 130.135765

Percentage Composition: C 73.78%; H 13.93%; O 12.29%

Physical Description: Liq.

Boiling Point: Bp 163-165°. Bp₁₆ 64-65°

Density: d₄⁰ 0.845

Refractive Index: n_D¹⁹ 1.4274

>>Derivative: Allophanate

Melting Point: Mp 130°

Solubility: Spar. sol. EtOH, Et₂O

References:

van Rissegehm, H., *Bull. Soc. Chim. Belg.*, 1930, **39**, 369-373, (*synth*)

van der Maas, J.H. *et al.*, *Spectrochim. Acta A*, 1974, **30**, 2005-2019, (*ir*)