



>>Entry Name: **2,3-Dimethylheptane**, 9CI

CAS Registry Number: 3074-71-3

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

Molecular Formula: C_9H_{20}

Molecular Weight: 128.257

Accurate Mass: 128.1565

Percentage Composition: C 84.28%; H 15.72%

Aldrich: 42263-0

Sigma: D3306

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

Molecular Formula: C_9H_{20}

Molecular Weight: 128.257

Accurate Mass: 128.1565

Percentage Composition: C 84.28%; H 15.72%

Boiling Point: Bp 140.7°

Density: d_4^{20} 0.724

Refractive Index: n_D^{20} 1.4085

References:

Whitmore, F.C. *et al.*, *J.A.C.S.*, 1938, **60**, 2573, (*synth*)

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

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