



>>Entry Name: 3,3-Dimethylpentane

CAS Registry Number: 562-49-2

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

Molecular Formula: C_7H_{16}

Molecular Weight: 100.203

Accurate Mass: 100.1252

Percentage Composition: C 83.91%; H 16.09%

Melting Point: Fp -135°

Boiling Point: Bp $86-87^\circ$

Density: d_4^{20} 0.693

Refractive Index: n_D^{20} 1.3911

Aldrich: 11845-1

Fluka: 41120

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 14B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 10C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 14A, (*ir*)

Edgar, G. *et al.*, *J.A.C.S.*, 1929, **51**, 1487, (*synth*)

Soroos, H. *et al.*, *J.A.C.S.*, 1941, **63**, 881, (*synth*)

Puzitskii, K.V., *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1970, 1872; *CA*, **74**, 63838c, (*synth*)