



>>Entry Name: **2,3-Dimethyl-2-butanol**

Synonym(s): Isopropyldimethylcarbinol. Thexyl alcohol

CAS Registry Number: 594-60-5

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

Molecular Formula: $\text{C}_6\text{H}_{14}\text{O}$

Molecular Weight: 102.176

Accurate Mass: 102.104465

Percentage Composition: C 70.53%; H 13.81%; O 15.66%

Physical Description: Liq. with odour of camphor

Melting Point: Mp -14°

Boiling Point: Bp₇₄₀ 117-118°. Bp₈₀ 63-66°

Aldrich: 12924-0

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 111°

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 189C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 126A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 182C, (*ir*)

Linder, J., *Monatsh. Chem.*, 1911, **32**, 419, (*synth*)

Shiner, V.J., *J.A.C.S.*, 1954, **76**, 1603, (*synth*)