



>>Entry Name: 2-Methyl-1-hexene, 9CI

Synonym(s): *unsym*-Butylmethylethylene

CAS Registry Number: 6094-02-6

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

Molecular Formula: C_7H_{14}

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp 92-93°

Density: d_4^{20} 0.7

Refractive Index: n_D^{20} 1.4040

Aldrich: 11162-7

Fluka: 67440

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 32C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 23D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 31C, (*ir*)

Soday, F.J. *et al.*, *J.A.C.S.*, 1933, **55**, 3295, (*synth*)

Wibaut, J.P. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1953, **72**, 1037, (*synth*)