



>>Entry Name: 1-Heptene, 9CI

Synonym(s): 1-Heptylene

CAS Registry Number: 592-76-7

$\text{H}_3\text{C}(\text{CH}_2)_4\text{CH}=\text{CH}_2$

Molecular Formula: C_7H_{14}

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp_{771} 93.7-93.8°

Hazard & Toxicity: Highly flammable, fl. p. -1°

Aldrich: H320-8

Fluka: 51856

Sigma: H3882

Supelco: R60-0271

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 18B, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 13D, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 18D, (ir)

Zweifel, G. *et al.*, *Tet. Lett.*, 1966, 6021, (synth)

Scouten, C.G. *et al.*, *Chem. Comm.*, 1969, 78, (synth)

Hendrickson, J.B. *et al.*, *Tet. Lett.*, 1973, 3609, (synth)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, HBJ000