



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

Synonym(s): 1-Methyl-1-propylethylene

CAS Registry Number: 763-29-1

Extra CAS Registry Numbers(s): 27236-46-0

H2C=C(CH3)CH2CH2CH3

Molecular Formula: C₆H₁₂

Molecular Weight: 84.161

Accurate Mass: 84.0939

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp 61.5-62°

Density: d₄²⁰ 0.682

Refractive Index: n_D²⁰ 1.3921

Hazard & Toxicity: Highly flammable, fl. p. -28°

Aldrich: 29239-7

Fluka: 68450

References:

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

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 22B, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 29C, (ir)

Schmitt, C.G. *et al.*, *J.A.C.S.*, 1932, **54**, 754, (synth)

Kryukov, S.I. *et al.*, *Zh. Prikl. Khim. (Leningrad)*, 1962, **35**, 2319, (synth)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, MNK000