



>>Entry Name: 2,4,4-Trimethyl-2-pentene, 9CI, 8CI

CAS Registry Number: 107-40-4

Related CAS Registry Numbers(s): 25167-70-8

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

Molecular Formula: C_8H_{16}

Molecular Weight: 112.214

Accurate Mass: 112.1252

Percentage Composition: C 85.63%; H 14.37%

Melting Point: Mp -106.3°

Boiling Point: Bp 104.5°

Density: d_4^{20} 0.72

Hazard & Toxicity: Highly flammable, fl. p. 2° , autoignition temp. 305°

Aldrich: 14382-0

Fluka: 92678

Rare Chemicals Library: S57270-5

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 35A, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 26A, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 37C, (ir)

Tongberg, C.O. *et al.*, *J.A.C.S.*, 1932, **54**, 3706, (synth)

Brown, H.C. *et al.*, *J.A.C.S.*, 1956, **78**, 2193, (synth)

Sax, N.I., *Dangerous Properties of Industrial Materials*, 5th edn., Van Nostrand Reinhold, 1979, 1062