



>>Entry Name: 2-Ethyl-1-butene

Synonym(s): 3-Methylenepentane, 9CI

CAS Registry Number: 760-21-4

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

Molecular Formula: C_6H_{12}

Molecular Weight: 84.161

Accurate Mass: 84.0939

Percentage Composition: C 85.63%; H 14.37%

Physical Description: Liq.

Boiling Point: Bp 64.7°

Density: d_4^{20} 0.689

Hazard & Toxicity: Eye irritant. Highly flammable, fl. p. <−20°, autoignition temp. 315°

Aldrich: E1470-5

Fluka: 3180

Rare Chemicals Library: S41310-0

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 31A, (*nmr*)

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

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 15C, (*ir*)

Searles, S. *et al.*, *J.O.C.*, 1959, **24**, 1839, (*synth*)

Alder, R.W. *et al.*, *J.C.S. Perkin 2*, 1998, 2083-2108, (*synth*, *pmr*, *cmr*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EGW500