



>>Entry Name: 1-Eicosene, 9CI

Synonym(s): 1-Icosene

CAS Registry Number: 3452-07-1

Type of Compound Code(s): VA0400

$\text{H}_3\text{C}(\text{CH}_2)_{17}\text{CH}=\text{CH}_2$

Molecular Formula: $\text{C}_{20}\text{H}_{40}$

Molecular Weight: 280.536

Accurate Mass: 280.313

Percentage Composition: C 85.63%; H 14.37%

Biological Source: Present in small amount in rose oil

Melting Point: Fp 28.5°

Boiling Point: Bp_{1.5} 151°

Refractive Index: n_D³⁰ 1.4440

Aldrich: 18441-1

Fluka: 44877

Rare Chemicals Library: S41951-6

Sigma: E5754

Supelco: R42-1120

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 22C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 16C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 22A, (*ir*)

Niemann, C. *et al.*, *J.O.C.*, 1942, **7**, 227, (*synth*)

Wollrab, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1965, **30**, 1654, (*isol*)