



>>Entry Name: **1,8-Nonadiene**, 9CI

Synonym(s): 1,5-Divinylpentane

CAS Registry Number: 4900-30-5

$\text{H}_2\text{C}=\text{CH}(\text{CH}_2)_5\text{CH}=\text{CH}_2$

Molecular Formula: C_9H_{16}

Molecular Weight: 124.225

Accurate Mass: 124.1252

Percentage Composition: C 87.02%; H 12.98%

Physical Description: Liq.

Boiling Point: Bp 136-139°. Bp 141-144°

Aldrich: 25895-4

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 45A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 30A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 43A, (*ir*)

Blomquist, A.T. *et al.*, *J.A.C.S.*, 1955, **77**, 6399; 1957, **79**, 3505, (*synth*)

Marvel, C.S. *et al.*, *J.A.C.S.*, 1959, **81**, 4737, (*synth, polymerisation*)

Belg. Pat., 1962, 610 030; *CA*, **58**, 3312, (*synth*)

U.S. Pat., 1971, 3 622 646; *CA*, **76**, 33765, (*synth*)

Johnson, D.K. *et al.*, *Synth. Commun.*, 1994, **24**, 1557, (*synth, pmr*)