



>>Entry Name: 2-Pentyn-1-ol, 9CI

CAS Registry Number: 6261-22-9

$\text{H}_3\text{CCH}_2\text{C}\equiv\text{CCH}_2\text{OH}$

Molecular Formula: $\text{C}_5\text{H}_8\text{O}$

Molecular Weight: 84.118

Accurate Mass: 84.057515

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Boiling Point: Bp₁₅ 61-62°

Aldrich: 33531-2

Fluka: 77052

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 79°

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 511C, (*nmr*)

Conia, J.M., *Bull. Soc. Chim. Fr.*, 1955, 1449, (*synth*)

Jaenicke, L. *et al.*, *Chem. Ber.*, 1975, **108**, 225, (*synth*)

Kajiwara, T. *et al.*, *Agric. Biol. Chem.*, 1975, **39**, 1617, (*synth*)

Green, A.E. *et al.*, *Tet. Lett.*, 1976, 4867, (*synth*)