



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

CAS Registry Number: 764-60-3

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

Molecular Formula: $\text{C}_6\text{H}_{10}\text{O}$

Molecular Weight: 98.144

Accurate Mass: 98.073165

Percentage Composition: C 73.43%; H 10.27%; O 16.30%

Physical Description: Liq.

Boiling Point: Bp_{58} 87-89°

Refractive Index: n_{D}^{20} 1.4530

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 67°

References:

Newman, M.S. *et al.*, *J.A.C.S.*, 1949, **71**, 1292, (*synth*)

Mori, K. *et al.*, *Tetrahedron*, 1986, **42**, 6459, (*synth, ir, pmr*)

Carless, H.A.J. *et al.*, *J.C.S. Perkin 1*, 1987, 1999, (*synth, pmr*)

Karakan, C.C. *et al.*, *J.C.S. Perkin 1*, 1989, 1907, (*synth, ir, pmr*)

Zwierzak, A. *et al.*, *Synth. Commun.*, 1996, **26**, 3593, (*synth, ir, pmr*)