



>>Entry Name: **2-Decyn-1-ol**, 9CI

CAS Registry Number: 4117-14-0

$\text{H}_3\text{C}(\text{CH}_2)_6\text{C}\equiv\text{CCH}_2\text{OH}$

Molecular Formula: $\text{C}_{10}\text{H}_{18}\text{O}$

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Use/Importance: Exhibits some antifungal activity against *Aspergillus* and *Trichoderma* sp.

Physical Description: Liq.

Boiling Point: Bp 152-154°

References:

Baylis, C.J. *et al.*, *J.C.S. Perkin 1*, 1981, 132, (*synth*)

Vig, O.P. *et al.*, *Indian J. Chem., Sect. B*, 1983, **22**, 919, (*synth, ir, pmr*)

Gershon, H. *et al.*, *J. Pharm. Sci.*, 1984, **73**, 1840, (*use*)

Marshall, J.A. *et al.*, *J.O.C.*, 1991, **56**, 960, (*synth, ir, pmr, ms*)