



>>Entry Name: 3-Decyn-1-ol, 9CI

CAS Registry Number: 51721-39-2

$\text{H}_3\text{C}(\text{CH}_2)_5\text{C}\equiv\text{CCH}_2\text{CH}_2\text{OH}$

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%

Physical Description: Liq.

Boiling Point: $\text{Bp}_{0.05}$ 95-100° (bath)

Density: d 0.88

Refractive Index: n_{D}^{20} 1.4590

Aldrich: 42275-4

>>Derivative: 4-Methylbenzenesulfonyl

CAS Registry Number: 51721-40-5

Physical Description: Oil

References:

Yadagiri, P. *et al.*, *Synth. Commun.*, 1983, **13**, 1067, (*synth*)

Yamaguchi, M. *et al.*, *Tet. Lett.*, 1983, **24**, 391, (*synth*)