



>>Entry Name: 11-Dodecyn-1-ol

CAS Registry Number: 18202-10-3

$\text{HC}\equiv\text{C}(\text{CH}_2)_9\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}$

Molecular Weight: 182.305

Accurate Mass: 182.167065

Percentage Composition: C 79.06%; H 12.16%; O 8.78%

Physical Description: Waxy solid

Melting Point: Mp 28-30°

Boiling Point: Bp_{0.2} 50-60° subl.. Bp_{0.05} 83-86°

>>Derivative: Ac

Molecular Formula: $\text{C}_{14}\text{H}_{24}\text{O}_2$

Molecular Weight: 224.342

Accurate Mass: 224.17763

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

Physical Description: Oil

References:

Christie, W.W. *et al.*, *Chem. Phys. Lipids*, 1967, **1**, 407, (*synth*)

Fyles, T.M. *et al.*, *Can. J. Chem.*, 1977, **55**, 4135, (*synth, ir, pmr*)

Stille, J.K. *et al.*, *J.A.C.S.*, 1987, **109**, 2138, (*synth, pmr, cmr, ir*)