



>>Entry Name: 1-Heptacosanol, 9CI

CAS Registry Number: 2004-39-9

$\text{H}_3\text{C}(\text{CH}_2)_{25}\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{27}\text{H}_{56}\text{O}$

Molecular Weight: 396.739

Accurate Mass: 396.433115

Percentage Composition: C 81.74%; H 14.23%; O 4.03%

Biological Source: Constit. of peel and pulp of *Citullus colocynthis*

Melting Point: Mp 81.5° (76°)

Sigma: H6764

>>Derivative: Ac

CAS Registry Number: 1873-38-7

Molecular Formula: $\text{C}_{29}\text{H}_{58}\text{O}_2$

Molecular Weight: 438.776

Accurate Mass: 438.44368

Percentage Composition: C 79.38%; H 13.32%; O 7.29%

Melting Point: Mp 62-64°

References:

Piper, S.H. *et al.*, *Biochem. J.*, 1934, **28**, 2175, (*synth*)

El Khadem, H. *et al.*, *J.C.S.*, 1965, 3488, (*isol, ir, pmr*)