



>>Entry Name: 5-Triacontanol

ENTRY UNDER REVIEW

Extra CAS Registry Numbers(s): 28351-05-5

$\text{H}_3\text{C}(\text{CH}_2)_{24}\text{CH}(\text{OH})(\text{CH}_2)_3\text{CH}_3$

Molecular Formula: $\text{C}_{30}\text{H}_{62}\text{O}$

Molecular Weight: 438.819

Accurate Mass: 438.480065

Percentage Composition: C 82.11%; H 14.24%; O 3.65%

>>Derivative: Ac

Synonym(s): 5-Acetoxytriacontane

CAS Registry Number: 146356-95-8

Molecular Formula: $\text{C}_{32}\text{H}_{64}\text{O}_2$

Molecular Weight: 480.856

Accurate Mass: 480.49063

Percentage Composition: C 79.93%; H 13.41%; O 6.65%

Biological Source: Constit. of *Leucas aspera*

Physical Description: Cryst. (hexane)

Melting Point: Mp 90-91°

References:

Misra, T.N. *et al.*, *Phytochemistry*, 1993, **32**, 199