



>>Entry Name: 16-Methyl-1-heptadecanol

Synonym(s): Isooctadecanol

Extra CAS Registry Numbers(s): 27458-93-1

$(\text{H}_3\text{C})_2\text{CH}(\text{CH}_2)_{14}\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{18}\text{H}_{38}\text{O}$

Molecular Weight: 270.498

Accurate Mass: 270.292265

Percentage Composition: C 79.93%; H 14.16%; O 5.91%

>>Derivative: 2-Methylpropanoyl

Synonym(s): 16-Methylheptadecyl isobutyrate

CAS Registry Number: 171980-40-8

Molecular Formula: $\text{C}_{22}\text{H}_{44}\text{O}_2$

Molecular Weight: 340.588

Accurate Mass: 340.33413

Percentage Composition: C 77.58%; H 13.02%; O 9.40%

Biological Source: Sex pheromone of the tussock moth *Euproctis taiwana*

References:

Yasuda, T. *et al.*, *J. Chem. Ecol.*, 1995, **21**, 1813-1822, (*isol, struct*)