>>**Entry Name: 1-Eicosanol,** 9CI
Synonym(s): Arachidic alcohol. 1-Icosanol. Arachic alcohol

CAS Registry Number: 629-96-9
Type of Compound Code(s): VA0100
$H_3C(CH_2)_{18}CH_2OH$

Molecular Formula: $C_{20}H_{42}O$
Molecular Weight: 298.551
Accurate Mass: 298.323565
Percentage Composition: C 80.46%; H 14.18%; O 5.36%
Biological Source: Constit. of conifer waxes
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 72.5-73°
Boiling Point: Bp_3 220°

Aldrich: 23449-4
Fluka: 44860
Sigma: A8635

>>**Derivative:** Formyl

Molecular Formula: $C_{21}H_{42}O_2$
Molecular Weight: 326.562
Accurate Mass: 326.31848
Percentage Composition: C 77.24%; H 12.96%; O 9.80%
Melting Point: Mp 74°

>>**Derivative:** Ac

Type of Compound Code(s): VA0150
Molecular Formula: $C_{22}H_{44}O_2$
Molecular Weight: 340.588
Accurate Mass: 340.33413
Percentage Composition: C 77.58%; H 13.02%; O 9.40%
Biological Source: Constit. of *Bombus* spp. head secretions
Physical Description: Cryst. (Me_2CO aq.)
Melting Point: Mp 40°

References:

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