>>**Entry Name: 1-Dodecanol**
ENTRY UNDER REVIEW
Synonym(s): Dodecyl alcohol. Lauryl alcohol. FEMA 2617

CAS Registry Number: 112-53-8
Related CAS Registry Numbers(s): 27342-88-7
Type of Compound Code(s): WI5000 WI4000 WI3500 WE9000 WI7000 WI3200 WE9000 WE9999 VA0100
$H_3C(CH_2)_{10}CH_2OH$

Molecular Formula: $C_{12}H_{26}O$
Molecular Weight: 186.337
Accurate Mass: 186.198365
Percentage Composition: C 77.35%; H 14.06%; O 8.59%
Biological Source: Isol. from plant sources, eg. oil of *Furcraea gigantea*, apple and banana. Occurs also as ester
Use/Importance: Used in perfumery. Sulfuric esters are used as wetting agents and detergents. Flavouring agent
Physical Description: Cryst. (EtOH aq.) with fatty, waxy flavour
Melting Point: Mp 24°. Mp 26°
Boiling Point: Bp 260-262°. Bp_{18} 145-148°
Hazard & Toxicity: Severe skin irritant. LD_{50} (rat, orl) *ca.* 13000 mg/kg

Aldrich: 12679-9
Fluka: 44110
Sigma: L5375

>>**Derivative:** *O*-[α-L-Rhamnopyranosyl-(1→3)-2-*O*-acetyl-α-L-rhamnopyranosyl-(1→3)-4-*O*-acetyl-α-L-rhamnopyranosyl-(1→4)-α-L-rhamnopyranoside]

CAS Registry Number: 115547-17-6
Type of Compound Code(s): VA0100 VE9300
Molecular Formula: $C_{40}H_{70}O_{19}$
Molecular Weight: 854.982
Accurate Mass: 854.451135
Percentage Composition: C 56.19%; H 8.25%; O 35.55%
Biological Source: Constit. of *Cleistopholis glauca*

>>**Derivative:** *O*-[α-L-Rhamnopyranosyl-(1→3)-2,4-di-*O*-acetyl-α-L-rhamnopyranosyl-(1→3)-4-*O*-acetyl-α-L-rhamnopyranosyl-(1→4)-α-L-rhamnopyranoside]
Synonym(s): Cleistetroside 4

CAS Registry Number: 115547-18-7
Type of Compound Code(s): VA0100 VE9300
Molecular Formula: $C_{42}H_{72}O_{20}$
Molecular Weight: 897.019
Accurate Mass: 896.4617
Percentage Composition: C 56.24%; H 8.09%; O 35.67%
Biological Source: Constit. of *Cleistopholis glauca*
Physical Description: Gummy solid
Melting Point: Mp 107-109°
Optical Rotation: $[\alpha]_D^{21}$ –79.5 (c, 0.18 in MeOH)

>>**Derivative:** *O*-[2-*O*-Acetyl-α-L-rhamnopyranosyl-(1→3)-2,4-di-*O*-acetyl-α-L-rhamnopyranosyl-(1→3)-4-*O*-acetyl-α-L-rhamnopyranosyl-(1→4)-α-L-rhamnopyranoside]
Synonym(s): Cleistetroside 3

CAS Registry Number: 115547-20-1
Type of Compound Code(s): VE9300 VA0100
Molecular Formula: $C_{44}H_{74}O_{21}$
Molecular Weight: 939.056
Accurate Mass: 938.472265
Percentage Composition: C 56.28%; H 7.94%; O 35.78%
Biological Source: Constit. of *Cleistopholis glauca*
Physical Description: Gummy solid
Melting Point: Mp 98-100°
Optical Rotation: $[\alpha]_D^{23}$ –54.7 (c, 0.26 in MeOH)