



Molecular Formula: C₄₂H₆₆O₁₇
Molecular Weight: 842.973
Accurate Mass: 842.430005
Percentage Composition: C 59.84%; H 7.89%; O 32.27%
Biological Source: Isol. from *Nerium odorum*
Physical Description: Platelets (MeOH aq.)
Melting Point: Mp 242-265°
Optical Rotation: [α]_D²⁵ -37.6 (MeOH)

>>**Derivative:** 3-*O*-[β -D-Glucopyranosyl-(1→6)- β -D-glucopyranosyl-(1→6)- β -D-glucopyranoside]
Synonym(s): Uzaroside

CAS Registry Number: 88235-61-4

Molecular Formula: C₄₁H₆₄O₁₉
Molecular Weight: 860.945
Accurate Mass: 860.404185
Percentage Composition: C 57.20%; H 7.49%; O 35.31%
Biological Source: Constit. of uzara root
Physical Description: Amorph.
Optical Rotation: [α]_D²⁰ -10 (c, 1 in EtOH)

>>**Variant:** (3 β ,5 β ,14 β ,17 α)-form
Synonym(s): Menabegenin. 17 α -Digitoxigenin

CAS Registry Number: 508-88-3

Molecular Formula: C₂₃H₃₄O₄
Molecular Weight: 374.519
Accurate Mass: 374.24571
Percentage Composition: C 73.76%; H 9.15%; O 17.09%
Biological Source: Isol. from roots of *Menabea venenata*
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 190-192°
Optical Rotation: [α]_D²⁶ +26.9 (MeOH)

>>**Derivative:** 3-*O*-[6-Deoxy-3-*O*-methyl- α -L-glucopyranoside]
Synonym(s): 17 α -Nerifolin. 17 α -Digitoxigenin thevetoside

CAS Registry Number: 7044-31-7

Molecular Formula: C₃₀H₄₆O₈
Molecular Weight: 534.689
Accurate Mass: 534.31927
Percentage Composition: C 67.39%; H 8.67%; O 23.94%
Biological Source: Isol. from *Cerbera manghas*
Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 242-245° (238°)
Optical Rotation: [α]_D²⁵ -42 (c, 0.1 in MeOH)

>>**Derivative:** 3-*O*-[6-Deoxy-3-*O*-methyl- α -L-mannopyranoside]
Synonym(s): 17 α -Solanoside

CAS Registry Number: 111613-31-1

Molecular Formula: C₃₀H₄₆O₈
Molecular Weight: 534.689
Accurate Mass: 534.31927
Percentage Composition: C 67.39%; H 8.67%; O 23.94%
Biological Source: Isol. from *Cerbera odollam* and *Cerbera manghas*
Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 247-248°
Optical Rotation: [α]_D²⁷ -30.4 (c, 0.14 in MeOH)