



Molecular Formula: C₃₁H₄₆O₁₁
Molecular Weight: 594.698
Accurate Mass: 594.304015
Percentage Composition: C 62.61%; H 7.80%; O 29.59%
Biological Source: Isol. from leaves of *Nerium oleander*
Physical Description: Powder
Melting Point: Mp 113-117° (as acetate)
Optical Rotation: [α]_D²⁰ -26.7 (c, 0.7 in MeOH) (as acetate)

>>**Derivative:** 16-Ac, 3-*O*-(6-deoxy-3-*O*-methyl- α -L-altropyranoside)
Synonym(s): Vallarosolanoside. Oleandrigenin vallasoside

CAS Registry Number: 4420-67-1

Molecular Formula: C₃₂H₄₈O₁₀
Molecular Weight: 592.725
Accurate Mass: 592.32475
Percentage Composition: C 64.84%; H 8.16%; O 26.99%

Physical Description: Granules (Me₂CO/Et₂O)
Melting Point: Mp 230-236°
Optical Rotation: [α]_D²⁴ -51.8 (c, 0.99 in MeOH)

>>**Derivative:** 16-Ac, 3-*O*-(2,6-dideoxy-3-*O*-methyl-L-*arabino*-hexopyranoside)
Synonym(s): Oleandrin. Folinerin. Neriolin. Corrigen. Folindrin. Oleandrigenin oleandroside

CAS Registry Number: 465-16-7

Molecular Formula: C₃₂H₄₈O₉
Molecular Weight: 576.726
Accurate Mass: 576.329835
Percentage Composition: C 66.64%; H 8.39%; O 24.97%
Biological Source: Constit. of *Nerium oleander*, *Nerium odorum*, *Nerium indicum* and *Beaumontia grandiflora*
Physical Description: Cryst. (EtOH)
Melting Point: Mp 250 dec.°
Optical Rotation: [α]_D¹⁸ -52.1 (CHCl₃)

Rare Chemicals Library: S35416-3
Sigma: O6500

>>**Derivative:** 16-Ac, 3-*O*-(6-deoxy-3-*O*-methyl- α -D-galactopyranoside)
Synonym(s): 16-Acetylstrosposide

Molecular Formula: C₃₂H₄₈O₁₀
Molecular Weight: 592.725
Accurate Mass: 592.32475
Percentage Composition: C 64.84%; H 8.16%; O 26.99%
Biological Source: Constit. of *Adenium obescum*
Physical Description: Plates (MeOH)
Melting Point: Mp 208-210°
UV: [neutral] $\lambda_{\max}$ 220 (log ϵ 4.31) (EtOH) [neutral] $\lambda_{\max}$ 220 () (EtOH) (Berdy)

>>**Derivative:** 16-Ac, 3-*O*-(6-deoxy-3-*O*-methyl- β -D-galactopyranoside)
Synonym(s): Neritaloside. Oleandrigenin digitaloside

CAS Registry Number: 465-13-4

Molecular Formula: C₃₂H₄₈O₁₀
Molecular Weight: 592.725
Accurate Mass: 592.32475
Percentage Composition: C 64.84%; H 8.16%; O 26.99%
Biological Source: Isol. from *Nerium oleander*, *Nerium indicum*, *Phyrygilanthus celastroides*, *Dendrophthoe falcata*, *Amyema congener* (parasitic on *Nerium oleander*)
Physical Description: Solvated needles (dioxan/Et₂O)
Melting Point: Mp 135-140°
Optical Rotation: [α]_D²⁶ +11.4 (MeOH)