



Accurate Mass: 388.224975
Percentage Composition: C 71.11%; H 8.30%; O 20.59%
Biological Source: Isol. from *Pachycarpus* spp.
Physical Description: Cryst. (H₂O)
Melting Point: Mp 208-210°
Optical Rotation: $[\alpha]_D^{24} -72$ (c, 1.5 in MeOH)

>> **Derivative:** 3-*O*- α -L-Rhamnopyranoside
Synonym(s): Malayoside

Type of Compound Code(s): AJ5000 VT0750 AJ0750
Molecular Formula: C₂₉H₄₂O₉
Molecular Weight: 534.645
Accurate Mass: 534.282885
Percentage Composition: C 65.15%; H 7.92%; O 26.93%
Biological Source: Constit. of *Antiaris toxicaria*
Physical Description: Needles (MeOH/Et₂O)
Melting Point: Mp 220-230°
Optical Rotation: $[\alpha]_D -44.2$ (MeOH)

>> **Derivative:** 3-*O*-(6-Deoxy-3-*O*-methyl- α -L-glucopyranoside)
Synonym(s): Peruvoside

CAS Registry Number: 1182-87-2
Type of Compound Code(s): AJ0750 AJ5000 VT0750
Molecular Formula: C₃₀H₄₄O₉
Molecular Weight: 548.672
Accurate Mass: 548.298535
Percentage Composition: C 65.67%; H 8.08%; O 26.24%
Biological Source: Constit. of *Thevetia peruviana*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 161-164°
Optical Rotation: $[\alpha]_D^{22} -71.7$ (c, 1.54 in MeOH)

Sigma: P7897

>> **Derivative:** 3-*O*-(2,6-Dideoxy-D-ribo-hexopyranoside)
Synonym(s): Cannodixoside. Cannogenin 3-digitoxoside

Type of Compound Code(s): VT0750 AJ5000 AJ0750
Molecular Formula: C₂₉H₄₂O₈
Molecular Weight: 518.646
Accurate Mass: 518.28797
Percentage Composition: C 67.16%; H 8.16%; O 24.68%
Biological Source: Isol. from roots of *Pachycarpus distinctus*
Physical Description: Prisms (MeOH/Et₂O)
Melting Point: Mp 208-216°
Optical Rotation: $[\alpha]_D^{27} -7.1$ (CHCl₃)

>> **Derivative:** 3-*O*-(2,6-Dideoxy-3-*O*-methyl-L-arabino-hexopyranoside)
Synonym(s): Cynocannoside. Cannogenin 3-oleandroside

CAS Registry Number: 1941-73-7
Molecular Formula: C₃₀H₄₄O₈
Molecular Weight: 532.673
Accurate Mass: 532.30362
Percentage Composition: C 67.65%; H 8.33%; O 24.03%
Physical Description: Prisms (Me₂CO/Et₂O)
Melting Point: Mp 166-178°. Mp 186° (double Mp)
Optical Rotation: $[\alpha]_D^{21} -44.3$ (MeOH)