



CAS Registry Number: 56845-75-1

Molecular Formula: C₄₂H₆₆O₁₈

Molecular Weight: 858.973

Accurate Mass: 858.42492

Percentage Composition: C 58.73%; H 7.74%; O 33.53%

Biological Source: Isol. from leaves and shoots of *Nerium odorum*

Physical Description: Solid

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranosyl-(1→4)-6-deoxy-3-*O*-methyl-α-L-glucopyranoside]

Synonym(s): Thevetin B. Cerberoside. Thevetin. Digitoxigenin gentiobiosylthevetoside

CAS Registry Number: 27127-79-3

Molecular Formula: C₄₂H₆₆O₁₈

Molecular Weight: 858.973

Accurate Mass: 858.42492

Percentage Composition: C 58.73%; H 7.74%; O 33.53%

Biological Source: Constit. of *Thevetia neriifolia* and *Cerbera manghas*

Physical Description: Cryst. (H₂O)

Melting Point: Mp 197-201°. Mp 192-194°

Optical Rotation: [α]_D²⁴ -61.4 (c, 1.5 in MeOH). [α]_D²⁵ -53.1 (c, 0.21 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranosyl-(1→4)-2-*O*-acetyl-6-deoxy-3-*O*-methyl-α-L-glucopyranoside]

Synonym(s): 2'-*O*-Acetylthevetin B

CAS Registry Number: 82145-55-9

Molecular Formula: C₄₄H₆₈O₁₉

Molecular Weight: 901.01

Accurate Mass: 900.435485

Percentage Composition: C 58.65%; H 7.61%; O 33.74%

Biological Source: Isol. from *Cerbera manghas*

Physical Description: Cryst. (Me₂CO/Et₂O)

Melting Point: Mp 225-235°

Optical Rotation: [α]_D²⁵ -74.9 (c, 0.2 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranosyl-(1→4)-2-*O*-acetyl-6-deoxy-3-*O*-methyl-β-L-glucopyranoside]

CAS Registry Number: 25633-36-7

Molecular Formula: C₄₄H₆₈O₁₉

Molecular Weight: 901.01

Accurate Mass: 900.435485

Percentage Composition: C 58.65%; H 7.61%; O 33.74%

Biological Source: Isol. from *Thevetia ahouai* seeds and *Thevetia peruviana*

Physical Description: Plates (Me₂O/Et₂O)

Melting Point: Mp 162-185°

Optical Rotation: [α]_D²⁰ -80.8 (c, 1 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→4)-β-D-glucopyranosyl-(1→4)-6-deoxy-β-D-gulopyranoside]

Synonym(s): Cellobiosyldigigulomethylside

CAS Registry Number: 182161-04-2

Molecular Formula: C₄₁H₆₄O₁₈

Molecular Weight: 844.946

Accurate Mass: 844.40927

Percentage Composition: C 58.28%; H 7.63%; O 34.08%

Biological Source: Constit. of *Cheiranthus allioni*

Optical Rotation: [α]_D -33 (c, 0.7 in MeOH)