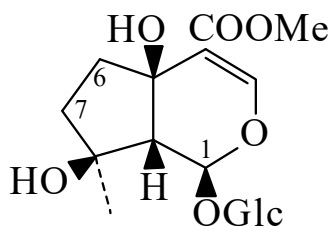




>>Entry Name: **Ipolamiide**

Synonym(s): Tarphetalin



CAS Registry Number: 27934-98-1

Molecular Formula: $C_{17}H_{26}O_{11}$

Molecular Weight: 406.386

Accurate Mass: 406.147515

Percentage Composition: C 50.24%; H 6.45%; O 43.31%

Biological Source: Constit. of *Stachytarpheta mutabilis* and *Lamium amplexicaule*

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 144-145°

Optical Rotation: $[\alpha]_D^{13} -136$ (c, 0.5 in dioxan)

>>Derivative: 8-Ac

Synonym(s): **Ipolamiidoside**

CAS Registry Number: 62421-28-7

Molecular Formula: $C_{19}H_{28}O_{12}$

Molecular Weight: 448.423

Accurate Mass: 448.15808

Percentage Composition: C 50.89%; H 6.29%; O 42.82%

Biological Source: From *Lamium amplexicaule*

Physical Description: Amorph.

Optical Rotation: $[\alpha]_D^{16} -60$ (c, 0.7 in dioxan)

>>Derivative: 6β-Hydroxy

Synonym(s): **6β-Hydroxyipolamiide**

Molecular Formula: $C_{17}H_{26}O_{12}$

Molecular Weight: 422.385

Accurate Mass: 422.14243

Percentage Composition: C 48.34%; H 6.20%; O 45.45%

Biological Source: Constit. of *Stachytarpheta mutabilis*

Physical Description: Cryst. (MeOH/Me₂CO)

Melting Point: Mp 192-193°

Optical Rotation: $[\alpha]_D^{25} -161$ (c, 0.2 in MeOH)

>>Derivative: 6β-Hydroxy, 8-Ac

Synonym(s): **Phlorigidoside B**

CAS Registry Number: 288248-46-4

Molecular Formula: $C_{19}H_{28}O_{13}$

Molecular Weight: 464.422

Accurate Mass: 464.152995

Percentage Composition: C 49.14%; H 6.08%; O 44.79%

Biological Source: Constit. of *Phlomis rigida*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D -88$ (c, 0.63 in MeOH)

UV: [neutral] $\lambda_{\max}$ 231 (log ε 3.86) (MeOH)

>>Derivative: 7β-Hydroxy

References: