



Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Cryst.

Melting Point: Mp 115-121°

Optical Rotation: $[\alpha]_D -6.9$ (c, 0.06 in MeOH)

>> **Derivative:** 6'-O-(3,4,5-Trihydroxybenzoyl)

Synonym(s): Galloylpaeoniflorin

CAS Registry Number: 122965-41-7

Molecular Formula: C₃₀H₃₂O₁₅

Molecular Weight: 632.574

Accurate Mass: 632.174125

Percentage Composition: C 56.96%; H 5.10%; O 37.94%

Biological Source: Constit. of *Paeonia suffruticosa*

Other Data: Substituted in the glycosyl residue

>> **Derivative:** Debenzoyl

Synonym(s): 8-Debenzoylpaeoniflorin

Molecular Formula: C₁₆H₂₄O₁₀

Molecular Weight: 376.36

Accurate Mass: 376.13695

Percentage Composition: C 51.06%; H 6.43%; O 42.51%

Biological Source: Constit. of *Paeonia lactiflora*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D -9.6$ (c, 1 in MeOH)

>> **Derivative:** 8-O-Debenzoyl, 6'-O-benzoyl

Synonym(s): Mudanpioside I

CAS Registry Number: 231280-72-1

Molecular Formula: C₂₃H₂₈O₁₁

Molecular Weight: 480.468

Accurate Mass: 480.163165

Percentage Composition: C 57.50%; H 5.87%; O 36.63%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Powder

Melting Point: Mp 123-125°

Optical Rotation: $[\alpha]_D -9.2$ (c, 0.38 in MeOH)

UV: [neutral] $\lambda_{\max}$ 230 (log ϵ 4.1) (MeOH)

>> **Derivative:** 4"-Hydroxy

Synonym(s): Oxypaeoniflorin

CAS Registry Number: 39011-91-1

Molecular Formula: C₂₃H₂₈O₁₂

Molecular Weight: 496.467

Accurate Mass: 496.15808

Percentage Composition: C 55.64%; H 5.68%; O 38.67%

Biological Source: Glycoside from roots of *Paeonia albiflora*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{22} -13$ (c, 0.92 in EtOH)

Other Data: Contains a 4-hydroxybenzoyl residue

>> **Derivative:** 4"-Hydroxy, 6'-benzoyl

Synonym(s): Benzoyloxypaeoniflorin

Molecular Formula: C₃₀H₃₂O₁₃

Molecular Weight: 600.575

Accurate Mass: 600.184295

Percentage Composition: C 60.00%; H 5.37%; O 34.63%

Biological Source: Constit. of *Paeonia suffruticosa*