



CAS Registry Number: 231280-71-0

Molecular Formula: C₃₀H₃₂O₁₄

Molecular Weight: 616.574

Accurate Mass: 616.17921

Percentage Composition: C 58.44%; H 5.23%; O 36.33%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Powder

Melting Point: Mp 159-161°

Optical Rotation: [α]_D -10.5 (c, 0.23 in MeOH)

UV: [neutral] $\lambda_{\max}$ 258 (log ϵ 4.5) (MeOH)

>>Derivative: 4"-Hydroxy, 6'-(4-methoxybenzoyl)

Synonym(s): Mudanpioside B

CAS Registry Number: 172705-23-6

Molecular Formula: C₃₁H₃₄O₁₄

Molecular Weight: 630.601

Accurate Mass: 630.19486

Percentage Composition: C 59.05%; H 5.43%; O 35.52%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Cryst.

Melting Point: Mp 140-144°

Optical Rotation: [α]_D -12.1 (c, 0.06 in MeOH)

>>Derivative: 4"-Hydroxy, 6'-(3,4,5-trihydroxybenzoyl)

Synonym(s): Galloyloxypaeoniflorin

CAS Registry Number: 145898-93-7

Molecular Formula: C₃₀H₃₂O₁₆

Molecular Weight: 648.573

Accurate Mass: 648.16904

Percentage Composition: C 55.56%; H 4.97%; O 39.47%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Powder

Optical Rotation: [α]_D -27.3 (EtOH)

>>Derivative: 4"-Methoxy

Synonym(s): Mudanpioside D

CAS Registry Number: 172705-24-7

Molecular Formula: C₂₄H₃₀O₁₂

Molecular Weight: 510.494

Accurate Mass: 510.17373

Percentage Composition: C 56.47%; H 5.92%; O 37.61%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Cryst.

Melting Point: Mp 122-127°

Optical Rotation: [α]_D -15.2 (c, 0.1 in MeOH)

Other Data: Conts. 4-methoxybenzoyl residue

>>Derivative: 3"-Methoxy, 4"-hydroxy

Synonym(s): Mudanpioside E

CAS Registry Number: 172705-25-8

Molecular Formula: C₂₄H₃₀O₁₃

Molecular Weight: 526.493

Accurate Mass: 526.168645

Percentage Composition: C 54.75%; H 5.74%; O 39.51%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Cryst.

Melting Point: Mp 134-140°

Optical Rotation: [α]_D -19.8 (c, 0.1 in MeOH)