



Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D -8.8$ (c,0.5 in MeOH)

>>**Derivative:** 4'-Me ether, *O*-[α -L-arabinopyranosyl-(1 $\rightarrow$ 6)-4-*O*-galloyl- β -D-glucopyranoside]

Synonym(s): Suffruticoside D

CAS Registry Number: 145898-97-1

Molecular Formula: C₂₇H₃₂O₁₆

Molecular Weight: 612.54

Accurate Mass: 612.16904

Percentage Composition: C 52.94%; H 5.27%; O 41.79%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D -5.3$ (c,0.4 in H₂O)

>>**Derivative:** 4'-Me ether, *O*-[α -L-arabinopyranosyl-(1 $\rightarrow$ 6)-[β -D-glucopyranosyl-(1 $\rightarrow$ 3)]- β -D-glucopyranoside]

Synonym(s): Suffruticoside E

CAS Registry Number: 145898-98-2

Molecular Formula: C₂₆H₃₈O₁₇

Molecular Weight: 622.576

Accurate Mass: 622.210905

Percentage Composition: C 50.16%; H 6.15%; O 43.69%

Biological Source: Constit. of *Paeonia suffruticosa*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D -47.8$ (c,0.49 in H₂O)

>>**Derivative:** 4'-Me ether, *O*-[β -D-apiofuranosyl(1 $\rightarrow$ 6)- β -D-glucopyranoside]

Synonym(s): Apiopaeonoside

CAS Registry Number: 100291-86-9

Molecular Formula: C₂₀H₂₈O₁₂

Molecular Weight: 460.434

Accurate Mass: 460.15808

Percentage Composition: C 52.17%; H 6.13%; O 41.70%

Biological Source: Isol. from root of *Paeonia suffruticosa*

>>**Derivative:** Di-Me ether

Synonym(s): 2',4'-Dimethoxyacetophenone. Peonol methyl ether. Isopeonol methyl ether

CAS Registry Number: 829-20-9

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Melting Point: Mp 44°

Aldrich: D12940-2

Fluka: 38552

Sigma: D6400

>>**Derivative:** 4'-*O*-(2-Hydroxypropyl)

Synonym(s): 2'-Hydroxy-4'-(2-hydroxypropoxy)acetophenone

CAS Registry Number: 149454-57-9

Molecular Formula: C₁₁H₁₄O₄

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Biological Source: Constit. of *Chromolaena arnottiana*