



Molecular Weight: 759.647
Accurate Mass: 759.19839
Percentage Composition: C 50.60%; H 5.17%; O 44.23%
Biological Source: Isol. from *Lathyrus* sp. and *Pisum* sp.

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-6-*O*-malonyl-β-D-glucopyranoside]

Molecular Formula: C₂₉H₃₁O₁₉⁽⁺⁾
Molecular Weight: 683.552
Accurate Mass: 683.14596
Percentage Composition: C 50.96%; H 4.57%; O 44.47%
Biological Source: Constit. of *Ranunculus asiaticus*

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→?)-β-D-glucopyranoside]
Synonym(s): Cannabinidin

CAS Registry Number: 12708-12-2

Molecular Formula: C₂₆H₂₉O₁₆⁽⁺⁾
Molecular Weight: 597.505
Accurate Mass: 597.145565
Percentage Composition: C 52.26%; H 4.89%; O 42.84%
Biological Source: Isol. from *Hibiscus cannabinus*
Melting Point: Mp 164-166 dec.° (as chloride)

>>Derivative: 3-*O*-[α-L-Rhamnopyranosyl-(1→6)-β-D-galactopyranoside], 5-*O*-[4-hydroxy-*E*-cinnamoyl-(→6)-β-D-glucopyranoside]

Molecular Formula: C₄₂H₄₇O₂₃⁽⁺⁾
Molecular Weight: 919.819
Accurate Mass: 919.25082
Percentage Composition: C 54.84%; H 5.15%; O 40.01%
Biological Source: Constit. of *Eustoma grandiflorum*

>>Derivative: 3-*O*-[α-L-Rhamnopyranosyl-(1→6)-β-D-galactopyranoside], 5-*O*-[4-hydroxy-*Z*-cinnamoyl-(→6)-β-D-glucopyranoside]

Molecular Formula: C₄₂H₄₇O₂₃⁽⁺⁾
Molecular Weight: 919.819
Accurate Mass: 919.25082
Percentage Composition: C 54.84%; H 5.15%; O 40.01%
Biological Source: Constit. of *Eustoma grandiflorum*

>>Derivative: 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-β-D-glucopyranoside]
Synonym(s): Delphinidin 3-neohesperidoside. **Podocarpin A**

CAS Registry Number: 120727-37-9

Molecular Formula: C₂₇H₃₁O₁₆⁽⁺⁾
Molecular Weight: 611.532
Accurate Mass: 611.161215
Percentage Composition: C 53.03%; H 5.11%; O 41.86%
Biological Source: Isol. from *Podocarpus nivalis* and *Podocarpus totara*

>>Derivative: 3-*O*-[α-L-Rhamnopyranosyl-(1→4)-β-D-glucopyranoside]
Synonym(s): Tulipanin. Delphinidin 3-rutinoside

CAS Registry Number: 15674-58-5

Molecular Formula: C₂₇H₃₁O₁₆⁽⁺⁾
Molecular Weight: 611.532
Accurate Mass: 611.161215
Percentage Composition: C 53.03%; H 5.11%; O 41.86%
Biological Source: Isol. from *Tulipa* spp. and many other plant spp.