



>>Derivative: 2"-O-β-D-Xylopyranosyl

CAS Registry Number: 142059-76-5

Molecular Formula: C₂₇H₃₀O₁₆

Molecular Weight: 610.524

Accurate Mass: 610.15339

Percentage Composition: C 53.12%; H 4.95%; O 41.93%

Biological Source: Constit. of *Lathyrus chloranthus*

>>Derivative: 2"-O-β-D-Xylopyranosyl, 7-O-α-L-rhamnopyranoside

CAS Registry Number: 142059-78-7

Molecular Formula: C₃₃H₄₀O₂₀

Molecular Weight: 756.667

Accurate Mass: 756.2113

Percentage Composition: C 52.38%; H 5.33%; O 42.29%

Biological Source: Constit. of a *Lathyrus* hybrid

>>Derivative: 6"-O-β-D-Xylopyranosyl

CAS Registry Number: 142905-19-9

Molecular Formula: C₂₇H₃₀O₁₆

Molecular Weight: 610.524

Accurate Mass: 610.15339

Percentage Composition: C 53.12%; H 4.95%; O 41.93%

Biological Source: Isol. from *Cistus ladanifer* bee pollen

>>Derivative: 7-O-Xyloside

Molecular Formula: C₂₇H₃₀O₁₆

Molecular Weight: 610.524

Accurate Mass: 610.15339

Percentage Composition: C 53.12%; H 4.95%; O 41.93%

Biological Source: Constit. of *Heuchera micrantha*

>>Derivative: O"-D-Xylosyl

CAS Registry Number: 74336-90-6

Molecular Formula: C₂₇H₃₀O₁₆

Molecular Weight: 610.524

Accurate Mass: 610.15339

Percentage Composition: C 53.12%; H 4.95%; O 41.93%

Biological Source: Isol. from *Festuca arundinacea*

Other Data: β-D-Glucopyranose struct. not confirmed

>>Derivative: 2"-O-α-L-Rhamnopyranosyl

Synonym(s): Isorhamnetin 3-neohesperidoside. **Calendoflavoside**

CAS Registry Number: 55033-90-4

Molecular Formula: C₂₈H₃₂O₁₆

Molecular Weight: 624.551

Accurate Mass: 624.16904

Percentage Composition: C 53.85%; H 5.16%; O 40.99%

Biological Source: Isol. from *Nerisyrenia* sp., *Parietaria officinalis*, *Typha latifolia* and *Zea mays*

Melting Point: Mp 194-197°

Optical Rotation: [α]_D²³ -104 (c, 0.1 in MeOH)