



Molecular Formula: C₃₄H₄₂O₂₂
Molecular Weight: 802.693
Accurate Mass: 802.21678
Percentage Composition: C 50.88%; H 5.27%; O 43.85%
Biological Source: Isol. from *Tribulus terrestris* and *Tribulus pentandrus*

>>Derivative: 7-*O*-β-D-Glucopyranoside
Synonym(s): Isorhamnetin 3,7-diglucoside

CAS Registry Number: 6758-51-6

Molecular Formula: C₂₈H₃₂O₁₇
Molecular Weight: 640.551
Accurate Mass: 640.163955
Percentage Composition: C 52.50%; H 5.04%; O 42.46%
Biological Source: Isol. from *Argemone mexicana*, *Solanum* sp. and other plants
Melting Point: Mp 208-210°

>>Derivative: 6"-*O*-[α-L-Rhamnopyranosyl-(1→3)-α-L-rhamnopyranosyl]

CAS Registry Number: 122342-15-8

Molecular Formula: C₃₄H₄₂O₂₀
Molecular Weight: 770.694
Accurate Mass: 770.22695
Percentage Composition: C 52.99%; H 5.49%; O 41.52%
Biological Source: Constit. of *Calendula officinalis*

>>Derivative: 6"-*O*-[α-L-Rhamnopyranosyl-(1→4)-α-L-rhamnopyranosyl]

CAS Registry Number: 221350-51-2

Molecular Formula: C₃₄H₄₂O₂₀
Molecular Weight: 770.694
Accurate Mass: 770.22695
Percentage Composition: C 52.99%; H 5.49%; O 41.52%
Biological Source: Constit. of *Eschscholtzia californica*
UV: [neutral] λ_{max} 257 (); 266 (sh) (); 306 (sh) (); 357 () (MeOH)

>>Derivative: ?"-*O*-[α-L-Rhamnopyranosyl-(1→6)-β-D-glucopyranosyl]
Synonym(s): Isorhamnetin 3-(rutinosylglucoside)

CAS Registry Number: 169627-64-9

Molecular Formula: C₃₄H₄₂O₂₁
Molecular Weight: 786.693
Accurate Mass: 786.221865
Percentage Composition: C 51.91%; H 5.38%; O 42.71%
Biological Source: Isol. from *Herniaria glabra* and *Aspidosperma quebracho-blanco*

>>Derivative: 6"-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranosyl]
Synonym(s): Isorhamnetin 3-gentiotrioside

CAS Registry Number: 84534-25-8

Molecular Formula: C₃₄H₄₂O₂₂
Molecular Weight: 802.693
Accurate Mass: 802.21678
Percentage Composition: C 50.88%; H 5.27%; O 43.85%
Biological Source: Constit. of *Tribulus terrestris*