



Molecular Formula: C₂₄H₂₂O₁₃

Molecular Weight: 518.43

Accurate Mass: 518.106045

Percentage Composition: C 55.60%; H 4.28%; O 40.12%

Biological Source: Isol. from *Rhodiola algida*

>>Derivative: 8-*O*-(2,3,4-Tri-*O*-acetyl-β-D-xylopyranoside)

Synonym(s): Triacetylrhodalin

CAS Registry Number: 58902-13-9

Molecular Formula: C₂₆H₂₄O₁₄

Molecular Weight: 560.467

Accurate Mass: 560.11661

Percentage Composition: C 55.72%; H 4.32%; O 39.97%

Biological Source: Isol. from *Rhodiola algida*

>>Derivative: 4',8-Di-*O*-β-D-xylopyranoside

Synonym(s): Herbacetin 4',8-dixyloside

CAS Registry Number: 90193-30-9

Molecular Formula: C₂₅H₂₆O₁₅

Molecular Weight: 566.471

Accurate Mass: 566.127175

Percentage Composition: C 53.01%; H 4.63%; O 42.37%

Biological Source: Isol. from *Roemeria krylovii*

Melting Point: Mp 274-277°

>>Derivative: 3-*O*-α-L-Rhamnopyranoside, 8-*O*-β-D-glucopyranoside

Synonym(s): Herbacetin 3-rhamnoside 8-glucoside

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 *Ephedra aphylla*

UV: [neutral] λ_{max} 273 (); 320 (); 358 () (MeOH)

>>Derivative: 4'-*O*-α-L-Rhamnopyranoside

Synonym(s): Herbacetin 4'-rhamnoside. **Rhodiolatuntoside**

CAS Registry Number: 267886-59-9

Molecular Formula: C₂₁H₂₀O₁₁

Molecular Weight: 448.382

Accurate Mass: 448.100565

Percentage Composition: C 56.25%; H 4.50%; O 39.25%

Biological Source: Constit. of *Rhodiola atuntsuensis*

>>Derivative: 7-*O*-α-L-Rhamnopyranoside

Synonym(s): Rhodionin

CAS Registry Number: 85571-15-9

Molecular Formula: C₂₁H₂₀O₁₁

Molecular Weight: 448.382

Accurate Mass: 448.100565

Percentage Composition: C 56.25%; H 4.50%; O 39.25%

Biological Source: Isol. from *Rhodiola rosea*