



>>Derivative: 4'-O-[3,4,5-Trihydroxybenzoyl-(→3)-β-D-glucopyranoside]

CAS Registry Number: 225524-88-9

Molecular Formula: C₂₁H₂₂O₁₃

Molecular Weight: 482.397

Accurate Mass: 482.106045

Percentage Composition: C 52.29%; H 4.60%; O 43.12%

Biological Source: Constit. of *Euphorbia aucherii*

>>Derivative: 2'-O-(3-Hydroxy-3-methylbutanoyl), 4'-O-[4-hydroxyphenylacetyl-(→4)-β-D-glucopyranoside]

Synonym(s): Marginoside

CAS Registry Number: 119558-04-2

Molecular Formula: C₂₇H₃₂O₁₃

Molecular Weight: 564.542

Accurate Mass: 564.184295

Percentage Composition: C 57.44%; H 5.71%; O 36.84%

Biological Source: Isol. from *Cassia marginata*

Melting Point: Mp 210°

>>Derivative: 2'-O-(4-Hydroxyphenylacetyl), 6'-O-(4-hydroxy-3-methylbutanoyl), 4'-O-[α-L-rhamnopyranosyl-(1→2)-β-D-glucopyranoside]

Synonym(s): Cassioside‡

CAS Registry Number: 119558-02-0

Molecular Formula: C₃₃H₄₂O₁₇

Molecular Weight: 710.685

Accurate Mass: 710.242205

Percentage Composition: C 55.77%; H 5.96%; O 38.27%

Melting Point: Mp 172°

>>Derivative: 2'-Me ether

Synonym(s): 2',4'-Dihydroxy-6'-methoxyacetophenone

CAS Registry Number: 3602-54-8

Molecular Formula: C₉H₁₀O₄

Molecular Weight: 182.176

Accurate Mass: 182.05791

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Biological Source: Constit. of *Artemisia* sp., *Heterotheca* sp., *Kniphofia* sp., *Phagnalon* sp. and *Rugelia* sp.

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 197-199°

>>Derivative: 2'-Me ether, 4'-O-β-D-glucopyranoside

Synonym(s): Rodiolinozide, Annphenone

CAS Registry Number: 61775-18-6

Molecular Formula: C₁₅H₂₀O₉

Molecular Weight: 344.318

Accurate Mass: 344.110735

Percentage Composition: C 52.33%; H 5.85%; O 41.82%

Biological Source: Constit. of *Artemisia sacrorum*, *Artemisia santolinifolia*, *Artemisia annua* and *Rhodiola linearfolia*

Melting Point: Mp 160-162°