



CAS Registry Number: 33530-70-0

Molecular Formula: C₂₁H₂₀O₁₄S

Molecular Weight: 528.447

Accurate Mass: 528.05738

Percentage Composition: C 47.73%; H 3.81%; O 42.39%; S 6.07%

Biological Source: Isol. from *Mascarena verschafttii*

Physical Description: Obt. as K salt

>> **Derivative:** 3'-O-β-D-Glucopyranoside, 7-O-β-D-glucuronopyranoside

Synonym(s): Luteolin 3'-glucoside 7-glucuronide

CAS Registry Number: 69631-14-7

Molecular Formula: C₂₇H₂₈O₁₇

Molecular Weight: 624.508

Accurate Mass: 624.132655

Percentage Composition: C 51.93%; H 4.52%; O 43.55%

Biological Source: Isol. from *Riccia fluitans*

>> **Derivative:** 3'-O-[4-Hydroxy-3-methoxycinnamoyl-(→?)-β-D-glucopyranoside], 7-O-glucuronoside

CAS Registry Number: 69645-80-3

Molecular Formula: C₃₇H₃₆O₂₀

Molecular Weight: 800.679

Accurate Mass: 800.18

Percentage Composition: C 55.50%; H 4.53%; O 39.96%

Biological Source: Isol. from *Riccia fluitans*

>> **Derivative:** 4'-O-β-D-Glucopyranoside

Synonym(s): Luteolin 4'-glucoside. **Juncein**‡

CAS Registry Number: 6920-38-3

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 *Spartium junceum* and many other plant spp.

Melting Point: Mp 178-179°

>> **Derivative:** 4'-O-β-D-Glucopyranoside, 7-O-β-D-galactopyranoside

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 *Vernonia* spp.

>> **Derivative:** 4'-O-β-D-Glucopyranoside, 7-O-β-D-galacturonopyranoside

Synonym(s): Luteolin 4'-glucoside 7-galacturonide

CAS Registry Number: 126207-52-1

Molecular Formula: C₂₇H₂₈O₁₇

Molecular Weight: 624.508

Accurate Mass: 624.132655

Percentage Composition: C 51.93%; H 4.52%; O 43.55%

Biological Source: Isol. from *Cuminum cyminum*