



Molecular Formula: C₂₁H₂₀O₁₃S

Molecular Weight: 512.447

Accurate Mass: 512.062465

Percentage Composition: C 49.22%; H 3.93%; O 40.59%; S 6.26%

Biological Source: Isol. from *Davidsonia pruriens*

>>Derivative: 7-O- α -L-Arabinopyranoside

CAS Registry Number: 71801-95-1

Molecular Formula: C₂₆H₂₈O₁₄

Molecular Weight: 564.499

Accurate Mass: 564.14791

Percentage Composition: C 55.32%; H 5.00%; O 39.68%

Biological Source: Isol. from *Asplenium trichomanes*

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

Synonym(s): Kaempferitrin. Kaempferol 3,7-dirhamnoside. Lespedin

CAS Registry Number: 482-38-2

Molecular Formula: C₂₇H₃₀O₁₄

Molecular Weight: 578.526

Accurate Mass: 578.16356

Percentage Composition: C 56.06%; H 5.23%; O 38.72%

Biological Source: Isol. from *Indigofera arrecta*, *Lespedeza cyrtobotrya* and many other plant spp.

Physical Description: Needles + 4H₂O

Melting Point: Mp 202-203° (185-186°)

>>Derivative: 7-O-[β -D-Xylopyranosyl-(1 $\rightarrow$ 2)- α -L-rhamnopyranoside]

Molecular Formula: C₃₂H₃₈O₁₈

Molecular Weight: 710.641

Accurate Mass: 710.20582

Percentage Composition: C 54.09%; H 5.39%; O 40.53%

Biological Source: Constit. of *Chenopodium murale*

Physical Description: Amorph. yellow powder

UV: [neutral] $\lambda_{\max}$ 238 (sh) (); 269 (); 310 (sh) (); 358 () (MeOH)