



CAS Registry Number: 70185-56-7

Molecular Formula: C₁₇H₁₂O₅

Molecular Weight: 296.279

Accurate Mass: 296.068475

Percentage Composition: C 68.92%; H 4.08%; O 27.00%

Biological Source: Isol. from *Helichrysum mundii*

Physical Description: Yellowish oil

>>**Derivative:** Tri-Me ether

Synonym(s): 5,7,8-Trimethoxyflavone

CAS Registry Number: 23050-38-6

Molecular Formula: C₁₈H₁₆O₅

Molecular Weight: 312.321

Accurate Mass: 312.099775

Percentage Composition: C 69.22%; H 5.16%; O 25.61%

Biological Source: Isol. from *Achyrocline albicans*, *Actinodaphne madraspatana* and *Helichrysum mundii*

Physical Description: Plates or prisms (EtOH aq.)

Melting Point: Mp 167-168°

>>**Derivative:** 5-O-β-D-Glucopyranoside

CAS Registry Number: 151261-87-9

Molecular Formula: C₂₁H₂₀O₁₀

Molecular Weight: 432.383

Accurate Mass: 432.10565

Percentage Composition: C 58.34%; H 4.66%; O 37.00%

Biological Source: Constit. of the roots of *Pyracantha coccinea*

Physical Description: Pale yellow powder

>>**Derivative:** 7-O-β-D-Glucuronoside

CAS Registry Number: 119152-50-0

Molecular Formula: C₂₁H₁₈O₁₁

Molecular Weight: 446.367

Accurate Mass: 446.084915

Percentage Composition: C 56.51%; H 4.06%; O 39.43%

Biological Source: Isol. from *Scutellaria* spp.

Melting Point: Mp 245 dec.°

>>**Derivative:** 8-O-β-D-Glucuronoside

CAS Registry Number: 118525-47-6

Molecular Formula: C₂₁H₁₈O₁₁

Molecular Weight: 446.367

Accurate Mass: 446.084915

Percentage Composition: C 56.51%; H 4.06%; O 39.43%

Biological Source: Isol. from *Scutellaria ikonnikovii* and *Scutellaria discolor*

Physical Description: Pale yellow needles (MeOH)

Melting Point: Mp 202-203°

>>**Derivative:** 7,8-Di-Me ether, 5-O-β-D-glucopyranoside

Synonym(s): Andrographidine C

CAS Registry Number: 113963-39-6

Molecular Formula: C₂₃H₂₄O₁₀

Molecular Weight: 460.437

Accurate Mass: 460.13695

Percentage Composition: C 60.00%; H 5.25%; O 34.75%

Biological Source: Isol. from *Andrographis paniculata*

Physical Description: Needles +1H₂O (MeOH)

Melting Point: Mp 196-201°