



Accurate Mass: 606.17373
Percentage Composition: C 63.36%; H 4.98%; O 31.65%
Biological Source: Constit. of *Andrographis serpyllifolia*
Physical Description: Amorph. yellow powder (MeOH)
Melting Point: Mp 236-237°
UV: [neutral] $\lambda_{\max}$ 273 (log ϵ 4.84); 321 (sh) (log ϵ 4.52); 352 (sh) (log ϵ 4.36) (MeOH)

>>>**Derivative:** 2',5,8-Tri-Me ether
Synonym(s): 7-Hydroxy-2',5,8-trimethoxyflavone

CAS Registry Number: 102273-92-7

Molecular Formula: C₁₈H₁₆O₆
Molecular Weight: 328.321
Accurate Mass: 328.09469
Percentage Composition: C 65.85%; H 4.91%; O 29.24%
Biological Source: Constit. of root of *Scutellaria discolor*
Physical Description: Pale-yellow needles (MeOH)
Melting Point: Mp 249°

>>>**Derivative:** 2',7,8-Tri-Me ether
Synonym(s): 5-Hydroxy-2',7,8-trimethoxyflavone. **Andrographin**

CAS Registry Number: 1165-40-8

Molecular Formula: C₁₈H₁₆O₆
Molecular Weight: 328.321
Accurate Mass: 328.09469
Percentage Composition: C 65.85%; H 4.91%; O 29.24%
Biological Source: Isol. from *Andrographis paniculata*
Physical Description: Orange-yellow needles (MeOH or EtOAc)
Melting Point: Mp 190-191°

>>>**Derivative:** 2',7,8-Tri-Me ether, 5-*O*- β -D-glucopyranoside
Synonym(s): **Andrographidin E**

CAS Registry Number: 113963-41-0

Molecular Formula: C₂₄H₂₆O₁₁
Molecular Weight: 490.463
Accurate Mass: 490.147515
Percentage Composition: C 58.77%; H 5.34%; O 35.88%
Biological Source: Isol. from *Andrographis paniculata*
Physical Description: Needles + 1H₂O (MeOH)
Melting Point: Mp 126-130°

>>>**Derivative:** Tetra-Me ether
Synonym(s): 2',5,7,8-Tetramethoxyflavone

CAS Registry Number: 3951-45-9
Molecular Formula: C₁₉H₁₈O₆
Molecular Weight: 342.348
Accurate Mass: 342.11034
Percentage Composition: C 66.66%; H 5.30%; O 28.04%
Physical Description: Yellow needles (MeOH)
Melting Point: Mp 186-188°

References: