



CAS Registry Number: 85374-55-6
Molecular Formula: C₁₇H₁₄O₈
Molecular Weight: 346.293
Accurate Mass: 346.06887
Percentage Composition: C 58.96%; H 4.07%; O 36.96%
Physical Description: No phys. props. reported

>>Derivative: 7,8-Di-Me ether, 6-*O*-β-D-glucopyranoside

CAS Registry Number: 151649-41-1

Molecular Formula: C₂₃H₂₄O₁₃
Molecular Weight: 508.435
Accurate Mass: 508.121695
Percentage Composition: C 54.33%; H 4.76%; O 40.91%
Biological Source: Constit. of *Vellozia nanuzae*
Other Data: Incorrectly registered in CA

>>Derivative: 3',4'-Di-Me ether

Synonym(s): 5,6,7,8-Tetrahydroxy-3',4'-dimethoxyflavone

Molecular Formula: C₁₇H₁₄O₈
Molecular Weight: 346.293
Accurate Mass: 346.06887
Percentage Composition: C 58.96%; H 4.07%; O 36.96%
Biological Source: Isol. from Seville orange (*Citrus aurantium*)

>>Derivative: 3',6,7-Tri-Me ether

Synonym(s): 4',5,8-Trihydroxy-3',6,7-trimethoxyflavone. **Isothymonin**

CAS Registry Number: 99615-01-7
Molecular Formula: C₁₈H₁₆O₈
Molecular Weight: 360.32
Accurate Mass: 360.08452
Percentage Composition: C 60.00%; H 4.48%; O 35.52%
Source/Synthesis: Synthetic

>>Derivative: 3',7,8-Tri-Me ether

>>Derivative: 4',6,8-Tri-Me ether

>>Derivative: 6,7,8-Tri-Me ether

Synonym(s): 3',4',5-Trihydroxy-6,7,8-trimethoxyflavone. **Sideritiflavone**

CAS Registry Number: 70360-12-2

Molecular Formula: C₁₈H₁₆O₈
Molecular Weight: 360.32
Accurate Mass: 360.08452
Percentage Composition: C 60.00%; H 4.48%; O 35.52%
Biological Source: Isol. from *Sideritis* spp., *Baccharis* spp., *Mentha piperita* and *Pteronia incana*
Physical Description: Light yellow needles (EtOH)
Melting Point: Mp 197-198°
UV: [neutral] λ_{max} 258 (ε 58894); 279 (ε 66070); 348 (ε 77624) (MeOH) (Berdy)

>>Derivative: 4',6,7,8-Tetra-Me ether