



Biological Source: Constit. of *Erica verticillata*

>> **Derivative:** 3,4',7-Tri-Me ether

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

CAS Registry Number: 71149-61-6

Molecular Formula: C₁₈H₁₆O₉

Molecular Weight: 376.319

Accurate Mass: 376.079435

Percentage Composition: C 57.45%; H 4.29%; O 38.26%

Biological Source: Isol. from *Solanum* spp.

Physical Description: No phys. props. reported

>> **Derivative:** 3,4',8-Tri-Me ether

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

CAS Registry Number: 99816-54-3

Molecular Formula: C₁₈H₁₆O₉

Molecular Weight: 376.319

Accurate Mass: 376.079435

Percentage Composition: C 57.45%; H 4.29%; O 38.26%

Biological Source: From *Gutierrezia microcephala*

>> **Derivative:** 3',5,8-Tri-Me ether, 3-O- α -L-rhamnopyranoside

Molecular Formula: C₂₄H₂₆O₁₃

Molecular Weight: 522.462

Accurate Mass: 522.137345

Percentage Composition: C 55.17%; H 5.02%; O 39.81%

Biological Source: Constit. of *Erica verticillata*

>> **Derivative:** 3,4',5',8-Tetra-Me ether

Synonym(s): 3',5,7-Trihydroxy-3,4',5',8-tetramethoxyflavone

CAS Registry Number: 21634-47-9

Molecular Formula: C₁₉H₁₈O₉

Molecular Weight: 390.346

Accurate Mass: 390.095085

Percentage Composition: C 58.46%; H 4.65%; O 36.89%

Biological Source: Isol. from leaves and stems of *Beyeria brevifolia*

Physical Description: Yellow prisms (MeOH)

Melting Point: Mp 214-216°

>> **Derivative:** 3,4',7,8-Tetra-Me ether

Synonym(s): 3',5,5'-Trihydroxy-3,4',7,8-tetramethoxyflavone

CAS Registry Number: 71149-60-5

Molecular Formula: C₁₉H₁₈O₉

Molecular Weight: 390.346

Accurate Mass: 390.095085

Percentage Composition: C 58.46%; H 4.65%; O 36.89%

Biological Source: Isol. from leaves of *Solanum* spp.

>> **Derivative:** 3,3',7,8-Tetra-Me, 4',5'-methylene ether

Synonym(s): 5-Hydroxy-3,3',7,8-tetramethoxy-4',5'-methylenedioxyflavone

CAS Registry Number: 161697-25-2

Molecular Formula: C₂₀H₁₈O₉

Molecular Weight: 402.357

Accurate Mass: 402.095085

Percentage Composition: C 59.70%; H 4.51%; O 35.79%

Biological Source: Constit. of the fruit of *Citrus reticulata*

Use/Importance: Antiviral agent