



**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:** C<sub>18</sub>H<sub>16</sub>O<sub>9</sub>

**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:** C<sub>18</sub>H<sub>16</sub>O<sub>9</sub>

**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:** C<sub>24</sub>H<sub>26</sub>O<sub>13</sub>

**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:** C<sub>19</sub>H<sub>18</sub>O<sub>9</sub>

**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:** C<sub>19</sub>H<sub>18</sub>O<sub>9</sub>

**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:** C<sub>20</sub>H<sub>18</sub>O<sub>9</sub>

**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