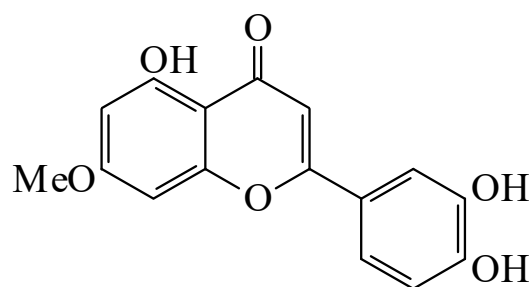




>>Entry Name: 3',4',5-Trihydroxy-7-methoxyflavone

Synonym(s): 2-(3,4-Dihydroxyphenyl)-5-hydroxy-7-methoxy-4*H*-1-benzopyran-4-one, 9Cl. Luteolin 7-methyl ether



CAS Registry Number: 20243-59-8

Molecular Formula: C₁₆H₁₂O₆

Molecular Weight: 300.267

Accurate Mass: 300.06339

Percentage Composition: C 64.00%; H 4.03%; O 31.97%

Biological Source: Isol. from *Baccharis* spp., *Eremanthus* sp., *Hazardia* sp., *Salvia officinalis* and *Thymus membranaceus* and other plants

Physical Description: Yellow prisms (EtOH)

Melting Point: Mp 266-268°. Mp 306-308°

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

Synonym(s): Yuanhuanin

CAS Registry Number: 83133-14-6

Molecular Formula: C₂₂H₂₂O₁₁

Molecular Weight: 462.409

Accurate Mass: 462.116215

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Biological Source: Isol. from *Daphne sericea* and *Daphne genkwa*

>>Derivative: 3'-*O*-β-D-Glucopyranoside

CAS Registry Number: 107140-38-5

Extra CAS Registry Numbers(s): 304902-15-6

Molecular Formula: C₂₂H₂₂O₁₁

Molecular Weight: 462.409

Accurate Mass: 462.116215

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Biological Source: Constit. of *Pseudocyclosorus* spp. and *Avicennia marina*

UV: [neutral] λ_{max} 253 (); 267 (); 346 () (MeOH)

>>Derivative: 3'-*O*-β-D-Galactopyranoside

CAS Registry Number: 304902-16-7

Molecular Formula: C₂₂H₂₂O₁₁

Molecular Weight: 462.409

Accurate Mass: 462.116215

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Biological Source: Constit. of *Avicennia marina*

UV: [neutral] λ_{max} 251 (); 267 (); 347 () (MeOH)