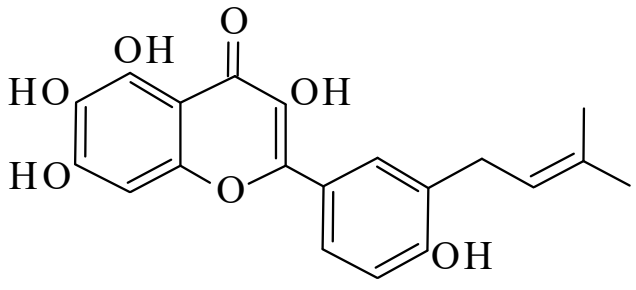
>>**Entry Name: 3,4',5,6,7-Pentahydroxy-3'-prenylflavone**



Molecular Formula: $C_{20}H_{18}O_7$
Molecular Weight: 370.358
Accurate Mass: 370.105255
Percentage Composition: C 64.86%; H 4.90%; O 30.24%

>>**Derivative:** 3,4',6-Tri-Me ether
Synonym(s): 5,7-Dihydroxy-3,4',6-trimethoxy-3'-prenylflavone. **Viscosol**

CAS Registry Number: 105037-80-7

Molecular Formula: $C_{23}H_{24}O_7$
Molecular Weight: 412.438
Accurate Mass: 412.152205
Percentage Composition: C 66.98%; H 5.87%; O 27.15%
Biological Source: Constit. of *Dodonaea viscosa*
Physical Description: Amorph. solid

>>**Derivative:** 2",3"-Dihydro, 4"-hydroxy, 3,6-di-Me ether
Synonym(s): 4',5,7-Trihydroxy-3'-(4-hydroxy-3-methylbutyl)-3,6-dimethoxyflavone. **Aliarin**

CAS Registry Number: 84294-77-9

Molecular Formula: $C_{22}H_{24}O_8$
Molecular Weight: 416.427
Accurate Mass: 416.14712
Percentage Composition: C 63.45%; H 5.81%; O 30.74%
Biological Source: Isol. from *Dodonaea viscosa*
Physical Description: Yellow needles ($CHCl_3$/Me_2CO)
Melting Point: Mp 170°

>>**Derivative:** 2",3"-Dihydro, 4"-hydroxy, 5,6-di-Me ether
Synonym(s): 3,4',7-Trihydroxy-3'-(4-hydroxy-3-methylbutyl)-5,6-dimethoxyflavone

Molecular Formula: $C_{22}H_{24}O_8$
Molecular Weight: 416.427
Accurate Mass: 416.14712
Percentage Composition: C 63.45%; H 5.81%; O 30.74%
Biological Source: Constit. of *Duranta repens*
Biological Use/Importance: Thrombin inhibitor
Physical Description: Gummy solid
Optical Rotation: $[\alpha]_D^{25}$+110 (c, 0.01 in MeOH)
UV: [neutral] λ_{max} 273 (); 343 () (MeOH)

>>**Derivative:** 2",3"-Dihydro, 4"-hydroxy, 3,4',6-tri-Me ether
Synonym(s): 5,7-Dihydroxy-3'-(4-hydroxy-3-methylbutyl)-3,4',6-trimethoxyflavone. **4'-*O*-Methylaliarin**

CAS Registry Number: 88048-20-8

Molecular Formula: $C_{23}H_{26}O_8$
Molecular Weight: 430.454
Accurate Mass: 430.16277
Percentage Composition: C 64.18%; H 6.09%; O 29.73%
Biological Source: Constit. of *Dodonaea viscosa*