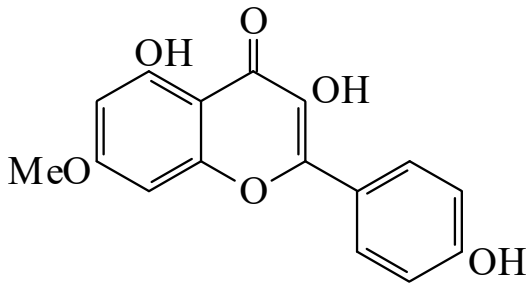
>>**Entry Name: 3,4',5-Trihydroxy-7-methoxyflavone**
Synonym(s): 3,5-Dihydroxy-2-(4-hydroxyphenyl)-7-methoxy-4*H*-1-benzopyran-4-one. 4',5-Dihydroxy-7-methoxyflavonol. **Rhamnocitrin**



CAS Registry Number: 569-92-6

Molecular Formula: $C_{16}H_{12}O_6$
Molecular Weight: 300.267
Accurate Mass: 300.06339
Percentage Composition: C 64.00%; H 4.03%; O 31.97%
Biological Source: Isol. from *Rhamnus* spp., *Alnus* spp., *Aesculus* spp., *Betula* spp., *Cistus* spp. and other plant spp.
Physical Description: Yellow needles
Melting Point: Mp 221-223°

>>**Derivative:** 3-*O*-Sulfate

CAS Registry Number: 60889-06-7

Molecular Formula: $C_{16}H_{12}O_9S$
Molecular Weight: 380.331
Accurate Mass: 380.020205
Percentage Composition: C 50.53%; H 3.18%; O 37.86%; S 8.43%
Biological Source: Isol. from *Ammi visnaga*

>>**Derivative:** 3-*O*-β-L-Arabinopyranoside
Synonym(s): Propingoside

CAS Registry Number: 42554-07-4

Molecular Formula: $C_{21}H_{20}O_{10}$
Molecular Weight: 432.383
Accurate Mass: 432.10565
Percentage Composition: C 58.34%; H 4.66%; O 37.00%
Biological Source: Isol. from *Astragalus propinquus*
Other Data: Tentative struct.

>>**Derivative:** 3-*O*-α-L-Rhamnopyranoside

CAS Registry Number: 57525-01-6

Molecular Formula: $C_{22}H_{22}O_{10}$
Molecular Weight: 446.41
Accurate Mass: 446.1213
Percentage Composition: C 59.19%; H 4.97%; O 35.84%
Biological Source: Isol. from *Loranthus europaeus* and *Tamarix aphylla*
Melting Point: Mp 174°

>>**Derivative:** 3-*O*-β-D-Allopyranoside

CAS Registry Number: 69292-78-0

Molecular Formula: $C_{22}H_{22}O_{11}$
Molecular Weight: 462.409
Accurate Mass: 462.116215
Percentage Composition: C 57.14%; H 4.80%; O 38.06%
Biological Source: Isol. from *Glaucidium palmatum*
Physical Description: Pale yellow needles (MeOH)
Melting Point: Mp 233-235°