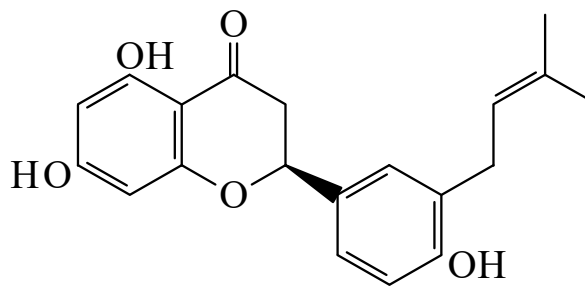




>>Entry Name: 4',5,7-Trihydroxy-3'-prenylflavanone

Synonym(s): 2,3-Dihydro-5,7-dihydroxy-2-[4-hydroxy-3-(3-methyl-2-butenyl)phenyl]-4H-1-benzopyran-4-one, 9Cl. **Licoflavanone**. 3'-Prenylnaringenin



Molecular Formula: C₂₀H₂₀O₅

Molecular Weight: 340.375

Accurate Mass: 340.131075

Percentage Composition: C 70.58%; H 5.92%; O 23.50%

>>Variant: (S)-form

CAS Registry Number: 119240-82-3

Molecular Formula: C₂₀H₂₀O₅

Molecular Weight: 340.375

Accurate Mass: 340.131075

Percentage Composition: C 70.58%; H 5.92%; O 23.50%

Biological Source: Constit. of *Erythrina eriotriocha* and *Glycyrrhiza glabra*

Physical Description: Oil

Optical Rotation: [α]_D -1.1 (c, 2.2 in MeOH)

References:

Fukui, H. *et al.*, *Chem. Pharm. Bull.*, 1988, **36**, 4174, (*isol*)

Nkengfack, A.E. *et al.*, *J. Nat. Prod.*, 1989, **52**, 320, (*isol*, *pmr*, *cmr*)

Tahara, S. *et al.*, *Phytochemistry*, 1994, **36**, 1261, (*synth*)