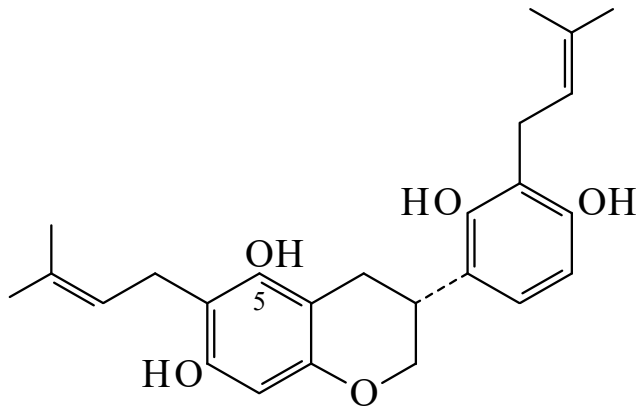
>>**Entry Name: 2',4',5,7-Tetrahydroxy-3',6-diprenylisoflavan**



Molecular Formula: $C_{25}H_{30}O_5$
Molecular Weight: 410.509
Accurate Mass: 410.209325
Percentage Composition: C 73.15%; H 7.37%; O 19.49%

>>**Variant:** (*R*)-form

Molecular Formula: $C_{25}H_{30}O_5$
Molecular Weight: 410.509
Accurate Mass: 410.209325
Percentage Composition: C 73.15%; H 7.37%; O 19.49%

>>**Derivative:** 5-Me ether
Synonym(s): 2',4',7-Trihydroxy-5-methoxy-3',6-diprenylisoflavan. **Licoricidin**

CAS Registry Number: 30508-27-1

Biological Source: Constit. of *Glycyrrhiza glabra* and *Glycyrrhiza uralensis*
Physical Description: Cryst. ($CHCl_3/Et_2O$)
Melting Point: Mp 154-156°
Optical Rotation: $[\alpha]_D^{22}$ +20 (c, 1 in MeOH)
Other Data: Struct. revised in 1988 (OMe group previously considered to be at 7-posn.)

>>**Derivative:** 5,7-Di-Me ether
Synonym(s): 2',4'-Dihydroxy-5,7-dimethoxy-3',6-diprenylisoflavan. **Licorisoflavan A.** 7-*O*-Methylicoricidin

CAS Registry Number: 129314-37-0

Molecular Formula: $C_{27}H_{34}O_5$
Molecular Weight: 438.563
Accurate Mass: 438.240625
Percentage Composition: C 73.95%; H 7.81%; O 18.24%
Biological Source: Constit. of *Glycyrrhiza uralensis* and *Glycyrrhiza aspera*
Physical Description: Prisms (Me_2CO)
Melting Point: Mp 65-67°
Optical Rotation: $[\alpha]_D^{20}$ +5.7 (c, 0.265 in MeOH)
Other Data: Identity of Licorisoflavan A (abs. config. not assigned) and 7-*O*-Methylicoricidin not establ. Phys. props. refer to Licorisoflavan A

References:

Shibata, S. *et al.*, *Chem. Pharm. Bull.*, 1968, **16**, 1932, *(isol)*
Kinoshita, T. *et al.*, *Chem. Pharm. Bull.*, 1978, **26**, 141, *(isol)*
Shih, T.L. *et al.*, *J.O.C.*, 1987, **52**, 2029, *(synth)*
Fukai, T. *et al.*, *Heterocycles*, 1988, **27**, 2309, *(isol, struct, cmr)*
Zeng, L. *et al.*, *Heterocycles*, 1992, **34**, 575, *(Licorisoflavan A)*