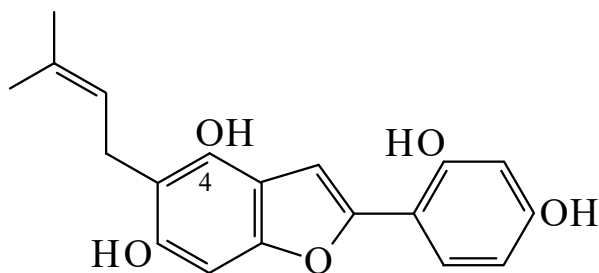




>>Entry Name: 2-(3,4-Dihydroxyphenyl)-4,6-dihydroxy-5-prenylbenzofuran



Molecular Formula: C₁₉H₁₈O₅

Molecular Weight: 326.348

Accurate Mass: 326.115425

Percentage Composition: C 69.93%; H 5.56%; O 24.51%

>>Derivative: 4-Me ether

Synonym(s): 2-(3,4-Dihydroxyphenyl)-6-hydroxy-4-methoxy-5-prenylbenzofuran. 4-[6-Hydroxy-4-methoxy-5-(3-methyl-2-butenyl)-2-benzofuranyl]-1,3-benzenediol, 9Cl
. **Licocoumarone**

CAS Registry Number: 118524-14-4

Type of Compound Code(s): VK3820 VK4000

Molecular Formula: C₂₀H₂₀O₅

Molecular Weight: 340.375

Accurate Mass: 340.131075

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

Biological Source: Isol. from roots of *Glycyrrhiza uralensis*

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 183-185°

>>Derivative: 4,6-Di-Me ether

Synonym(s): 2-(3,4-Dihydroxyphenyl)-4,6-dimethoxy-5-prenylbenzofuran. 4-[4,6-Dimethoxy-5-(3-methyl-2-butenyl)-2-benzofuranyl]-1,3-benzenediol, 9Cl. **Gancaonin I**

CAS Registry Number: 126716-36-7

Type of Compound Code(s): VK4000 VK3820

Molecular Formula: C₂₁H₂₂O₅

Molecular Weight: 354.402

Accurate Mass: 354.146725

Percentage Composition: C 71.17%; H 6.26%; O 22.57%

Biological Source: Isol. from *Glycyrrhiza uralensis* and other *Glycyrrhiza* spp.

Physical Description: Prisms + 1H₂O (CHCl₃/petrol)

Melting Point: Mp 67-70°. Mp 125-127° (Double Mp)

References:

Demizu, S. *et al.*, *Chem. Pharm. Bull.*, 1988, **36**, 3474, (*Licocoumarone*)

Fukai, T. *et al.*, *Heterocycles*, 1989, **29**, 1761, (*Gancaonin I*)