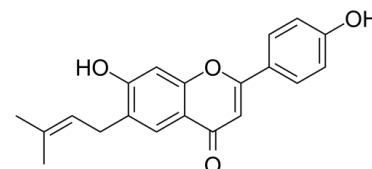


Data Sheet

Product Name:	Licoflavone A
Cat. No.:	CS-0032378
CAS No.:	61153-77-3
Molecular Formula:	C ₂₀ H ₁₈ O ₄
Molecular Weight:	322.35
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : 1 mg/mL (3.10 mM; Need ultrasonic); DMSO : 100 mg/mL (310.22 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Licoflavone A is a flavonoid isolated from the roots of *Glycyrrhiza uralensis*, inhibits protein tyrosine phosphatase-1B (**PTP1B**), with an **IC₅₀** of 54.5 μM^[1]. **IC₅₀ & Target:IC₅₀: 54.5 μM (PTP1B)**^[1]

References:

[1]. Li S, et al. Prenylflavonoids from *Glycyrrhiza uralensis* and their protein tyrosine phosphatase-1B inhibitory activities. *Bioorg Med Chem Lett*. 2010 Sep 15;20(18):5398-401.

CAIndexNames:

4H-1-Benzopyran-4-one, 7-hydroxy-2-(4-hydroxyphenyl)-6-(3-methyl-2-buten-1-yl)-

SMILES:

O=C1C=C(C2=CC=C(O)C=C2)OC3=CC(O)=C(C/C=C(C)\C)C=C13

Caution: Product has not been fully validated for medical applications. For research use only.

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