

Product Data Sheet

Product Name: Licoflavone A

Cat. No.: GC36448

Chemical Properties

Cas. No. 61153-77-3

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

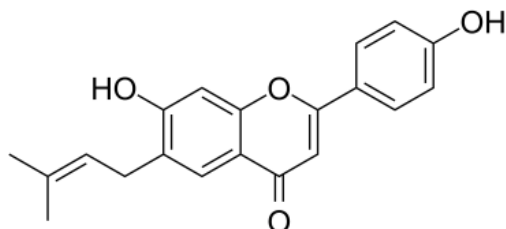
Formula $C_{20}H_{18}O_4$ M.Wt 322.35

Solubility Water: < 0.1 mg/mL (insoluble) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

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: 54.5 μM (PTP1B)[1]

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

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[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.

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