

Product Data Sheet

Product Name: Licoflavonol

Cat. No.: GC36450

Chemical Properties

Cas. No. 60197-60-6

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

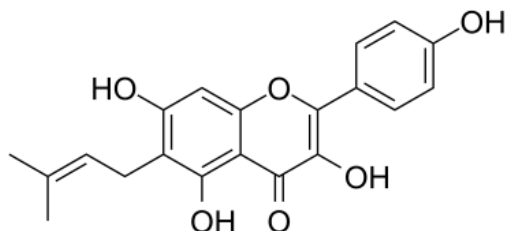
Formula $C_{20}H_{18}O_6$ M.Wt 354.35

Solubility Soluble in DMSO Storage 4°C, protect from light

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

Licoflavonol, a minor flavone from the roots of *Glycyrrhiza uralensis*, is an inhibitor of the Salmonella type III secretion system (T3SS)[1][2].

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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[1]. Qiao X, et al. Simultaneous determination of five minor coumarins and flavonoids in Glycyrrhiza uralensis by solid-phase extraction and high-performance liquid chromatography/electrospray ionization tandem mass spectrometry. Planta Med. 2014 Feb;80(2-3):237-42. [2]. Guo Z, et al. Licoflavonol is an inhibitor of the type three secretion system of Salmonella enterica serovar Typhimurium. Biochem Biophys Res Commun. 2016 Sep 2;477(4):998-1004.

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