

Product Data Sheet

Product Name: Licoflavone B

Cat. No.: GC38612

Chemical Properties

Cas. No. 91433-17-9

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

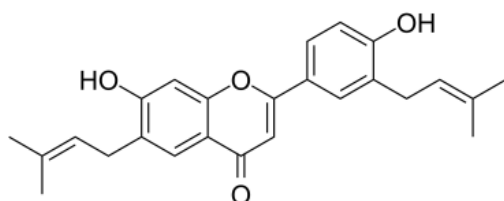
Formula $C_{25}H_{26}O_4$ M.Wt 390.47

Solubility DMSO : 100 mg/mL (256.10 mM; Need ultrasonic) Storage -20°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

Licoflavone B is a flavonoid isolated from *Glycyrrhiza inflata*, inhibits *S. mansoni* ATPase (IC_{50} , $23.78\text{ }\mu\text{M}$) and ADPase (IC_{50} , $31.50\text{ }\mu\text{M}$) activity. Anti-schistosomiasis activity[1].

[1]. Aleixo de Carvalho LS1, et al. Schistosomicidal activity and docking of *Schistosoma mansoni* ATPDase 1 with licoflavone B isolated from *Glycyrrhiza inflata* (Fabaceae).

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

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