
Product Data Sheet

Product Name: Isoglycy coumarin

Cat. No.: GC36335

Chemical Properties

Cas. No. 117038-82-1

SMILES COC1=C(CCC(C)(C)O2)C2=CC(O3)=C1C=C(C4=C(C=C(O)C=C4)O)C3=OFormula C₂₁H₂₀O₆ M.Wt 368.38

Solubility Soluble in DMSO 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**

Isoglycy coumarin is a flavonoid isolated from the roots of Glycyrrhiza uralensis.

Isoglycy coumarin is a highly selective probe for human cytochrome P450 2A6 (CYP2A6) [1][2]. P450 2A6[2]

[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. [2]. Wang Q, et al. The prenylated phenolic natural product isoglycy coumarin is a highly selective probe for human cytochrome P450 2A6. Eur J Pharm Sci. 2017 Nov 15;109:472-479.

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

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