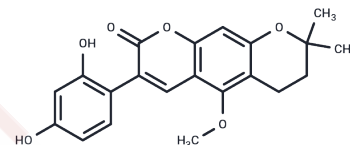


Isoglycycomarin

Chemical Properties

CAS No. :	117038-82-1
Formula:	C ₂₁ H ₂₀ O ₆
Molecular Weight:	368.38
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Isoglycycomarin, a flavonoid derived from the roots of Glycyrrhiza uralensis, serves as a highly selective probe for human cytochrome P450 2A6.
Targets(IC50)	Others,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7146 mL	13.5729 mL	27.1459 mL
5 mM	0.5429 mL	2.7146 mL	5.4292 mL
10 mM	0.2715 mL	1.3573 mL	2.7146 mL
50 mM	0.0543 mL	0.2715 mL	0.5429 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481