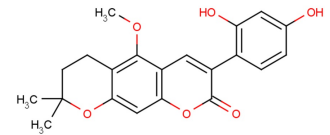


Data Sheet (Cat.No.T11683)

Isoglycycomarin

Chemical Properties

CAS No.:	117038-82-1
Formula:	C ₂₁ H ₂₀ O ₆
Molecular Weight:	368.38
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Isoglycycomarin is a highly selective probe for human cytochrome P450 2A6. Isoglycycomarin is a flavonoid isolated from the roots of Glycyrrhiza uralensis.
Targets(IC ₅₀)	P450 2A6: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.715 mL	13.573 mL	27.146 mL
5 mM	0.543 mL	2.715 mL	5.429 mL
10 mM	0.271 mL	1.357 mL	2.715 mL
50 mM	0.054 mL	0.271 mL	0.543 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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.

Inhibitors · Natural Compounds · Compound Libraries

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