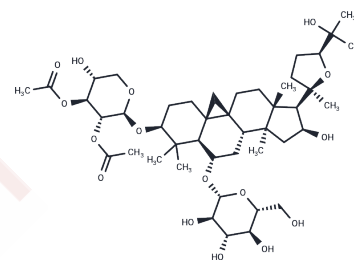


Astragaloside I

Chemical Properties

CAS No. :	84680-75-1
Formula:	C ₄₅ H ₇₂ O ₁₆
Molecular Weight:	869.04
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Astragaloside I (Cyclosiiversioside B) is a natural product isolated from Astragalus membranaceus. It can stimulate osteoblast differentiation through the Wnt/ β -catenin signaling pathway and can be used to study osteogenic activity.
Targets(IC50)	Wnt/beta-catenin

Solubility Information

Solubility	DMSO: 55 mg/mL (63.29 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1507 mL	5.7535 mL	11.507 mL
5 mM	0.2301 mL	1.1507 mL	2.3014 mL
10 mM	0.1151 mL	0.5753 mL	1.1507 mL
50 mM	0.023 mL	0.1151 mL	0.2301 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.

Reference

JIN Yi-qun, et al. Determination of astragaloside-I content in Qidan Jiannao Granules with HPLC-ELSD. Acta Chinese Medicine and Pharmacology, 2006-02

Wang chunhong, et al. Determination the Content of Astragaloside I in Shuxing Oral by Dual Wavelength TLC-Scanning. China Pharmacist, 22005-05

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