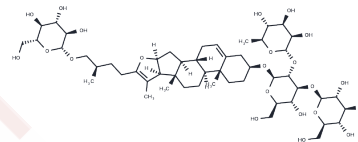


Pseudoprotogracillin

Chemical Properties

CAS No. :	637349-03-2
Formula:	C ₅₁ H ₈₂ O ₂₂
Molecular Weight:	1047.18
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	Pseudoprotogracillin is a steroidal saponin extracted from Dioscoreae.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 11 mg/mL (10.5 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	0.9549 mL	4.7747 mL	9.5495 mL
5 mM	0.191 mL	0.9549 mL	1.9099 mL
10 mM	0.0955 mL	0.4775 mL	0.9549 mL
50 mM	0.0191 mL	0.0955 mL	0.191 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

Guo L, et al. Comparative analysis of steroidal saponins in four Dioscoreae herbs by high performance liquid chromatography coupled with mass spectrometry. J Pharm Biomed Anal. 2016 Jan 5;117:91-8.

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