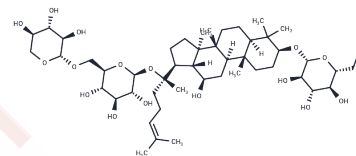


Gynostemma Extract

Chemical Properties

CAS No. : 80321-63-7
 Formula: C₄₇H₈₀O₁₇
 Molecular Weight: 917.13
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Gynostemma Extract (Gypenoside IX) is a saponins extract derived from the Gynostemma pentaphyllum.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 174 mg/mL (189.72 mM), Sonication is recommended. DMSO: 174 mg/mL (189.72 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	1.0904 mL	5.4518 mL	10.9036 mL
5 mM	0.2181 mL	1.0904 mL	2.1807 mL
10 mM	0.109 mL	0.5452 mL	1.0904 mL
50 mM	0.0218 mL	0.109 mL	0.2181 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

Li Y, Huang J, et al. Evid Based Complement Alternat Med. 2016;2016:6308649.
 Tai WC, Wong WY, Lee MM, Chan BD, Lu C, Hsiao WW. Proteomics. 2016 Mar 11.

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