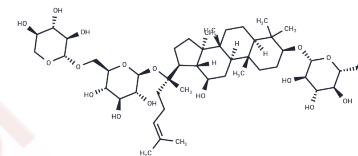


Gynostemma Extract

Chemical Properties

CAS No. :	80321-63-7
Formula:	C47H80O17
Molecular Weight:	917.13
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Gynostemma Extract (Gypenoside IX) is a saponins extract derived from the Gynostemma pentaphyllum.
Targets(IC50)	NF-κB,Akt,Endogenous Metabolite,NO Synthase,COX,Interleukin,p38 MAPK

Solubility Information

Solubility	H2O: < 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.

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 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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