Data Sheet (Cat.No.TMS1460)

TargetMol

Qingyangshengenin A

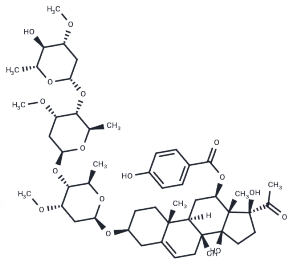
Chemical Properties

CAS No. : 106644-33-1

Formula: C49H72O17

Molecular Weight: 933.10

Storage: Keep away from direct sunlight
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	Qingyangshengenin A is a C-21 steroidal glycoside isolated from Cynanchum otophyllum and has been shown to possess antiepileptic activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80.00 mg/mL (85.74 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0717 mL	5.3585 mL	10.717 mL
5 mM	0.2143 mL	1.0717 mL	2.1434 mL
10 mM	0.1072 mL	0.5358 mL	1.0717 mL
50 mM	0.0214 mL	0.1072 mL	0.2143 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

Mu QZ, et al. Two new antiepilepsy compounds--otophyllosides A and B. Sci Sin B. 1986 Mar;29(3):295-301.

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