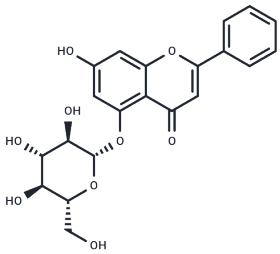
Data Sheet (Cat.No.T13933)

TargetMol

Toringin

Chemical Properties



CAS No. : 1329-10-8

Formula: C21H20O9

Molecular Weight: 416.38

Storage: Store at low temperature,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	Toringin is a bioflavonoid isolated from the bark of Docyniopsis tschonoski, which inhibits CTG-250 cytotoxicity.
Targets(IC50)	Others
In vitro	Toringin is able to prevent cytotoxicity and cis-action of PC12 converter (CTG-250). [1]

Solubility Information

Solubility	DMSO: 80 mg/mL (192.13 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (7.93 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4017 mL	12.0083 mL	24.0165 mL
5 mM	0.4803 mL	2.4017 mL	4.8033 mL
10 mM	0.2402 mL	1.2008 mL	2.4017 mL
50 mM	0.048 mL	0.2402 mL	0.4803 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

Furuya H, et al. Some flavonoids and DHEA-S prevent the cis-effect of expanded CTG repeats in a stable PC12 cell transformant. Biochem Pharmacol. 2005 Feb 1;69(3):503-16.