Data Sheet (Cat.No.T34191)



Pulchellin

Chemical Properties

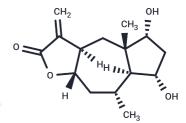
CAS No.: 6754-35-4

Formula: C15H22O4

Molecular Weight: 266.33

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pulchellin is a type-2 Ribosome Inactivating Protein (RIP), whose action mechanism proposed would be initiate by B-chain binding on glycoconjugate onto the cell surface
	(lectinic chain). pulchellin isoforms toxicity is the interaction between B-chain lectinic
	and the glycosyl residues on cell surface. pulchellin A chain is a novel of selective
	immunotoxin cytotoxicity.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM 🤷	3.7547 mL	18.7737 mL	37.5474 mL
5 mM	0.7509 mL	3.7547 mL	7.5095 mL
10 mM	0.3755 mL	1.8774 mL	3.7547 mL
50 mM	0.0751 mL	0.3755 mL	0.7509 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

Huang H, Niu J, Wang F, Hu L, Yu Q. A natural compound derivative P-13 inhibits STAT3 signaling by covalently inhibiting Janus kinase 2. Invest New Drugs. 2018 Aug 3. doi: 10.1007/s10637-018-0637-2. [Epub ahead of print]

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