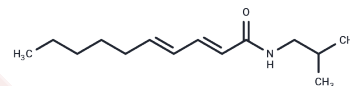


Pellitorine

Chemical Properties

CAS No. :	18836-52-7
Formula:	C ₁₄ H ₂₅ NO
Molecular Weight:	223.35
Storage:	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	Pellitorine (Pellitorin) is an extract of <i>Tetradium daniellii</i> , and acts as a TRPV1 antagonist.
Targets(IC50)	ERK,Beta Amyloid,Proton pump,Ferroptosis,NF-κB,Nrf2,Antibacterial,Dehydrogenase, PAI-1,ROS,TLR,TRP/TRPV Channel

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4773 mL	22.3864 mL	44.7728 mL
5 mM	0.8955 mL	4.4773 mL	8.9546 mL
10 mM	0.4477 mL	2.2386 mL	4.4773 mL
50 mM	0.0895 mL	0.4477 mL	0.8955 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

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