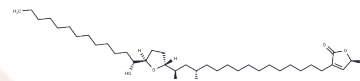


Uvarigrin

Chemical Properties

CAS No. :	200563-11-7
Formula:	C37H68O6
Molecular Weight:	608.93
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	Uvarigrin induces tumor multidrug resistance cell apoptosis and triggers Caspase-9 activation. Uvarigrin is isolated from the roots of Uvaria calamistrata.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6422 mL	8.2111 mL	16.4222 mL
5 mM	0.3284 mL	1.6422 mL	3.2844 mL
10 mM	0.1642 mL	0.8211 mL	1.6422 mL
50 mM	0.0328 mL	0.1642 mL	0.3284 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

Zhou GX, et al. Calamistrins A and B, two new cytotoxic monotetrahydrofuran annonaceous acetogenins from Uvaria calamistrata. J Nat Prod. 1999 Feb;62(2):261-4.

Li YF, et al. Induction of apoptosis of tumor multidrug resistance cell by uvarigrin and its mechanism. Yao Xue Xue Bao. 2006 Mar;41(3):252-6.

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