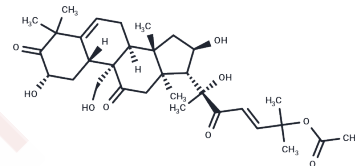


Cucurbitacin A

Chemical Properties

CAS No. :	6040-19-3
Formula:	C ₃₂ H ₄₆ O ₉
Molecular Weight:	574.70
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	Cucurbitacin I, cytotoxic triterpenoid sterols isolated from plants, elicits the formation of actin/phospho-myosin II co-aggregates by stimulation of the RhoA/ROCK pathway and inhibition of LIM-Kinase.
Targets(IC50)	ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.740 mL	8.7002 mL	17.4004 mL
5 mM	0.348 mL	1.740 mL	3.4801 mL
10 mM	0.174 mL	0.870 mL	1.740 mL
50 mM	0.0348 mL	0.174 mL	0.348 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

Cucurbitacin I elicits the formation of actin/phospho-myosin II co-aggregates by stimulation of the RhoA/ROCK pathway and inhibition of LIM-kinase. *Biochem. Pharmacol.*, 2015, 102:45-63.

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