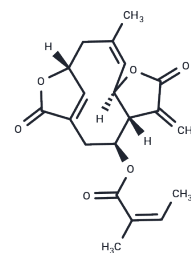


Isoscabertopin

Chemical Properties

CAS No. :	439923-16-7
Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
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	Isoscabertopin has anticancer activity.
Targets(IC50)	Others
In vitro	Elephantopus scaber Linn., family Asteraceae, is a small herb found in the Neotropics, Europe, Asia, Africa and Australia. The parts of this plant have been used traditionally for the treatment of number of diseases in many countries. The plant has been extensively screened for anticancer activity. Sesquiterpene lactones such as deoxyelephantopin, isodeoxyelephantopin, scabertopin and Isoscabertopin. have been found to be prominent anticancer constituents[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7903 mL	13.9513 mL	27.9026 mL
5 mM	0.5581 mL	2.7903 mL	5.5805 mL
10 mM	0.279 mL	1.3951 mL	2.7903 mL
50 mM	0.0558 mL	0.279 mL	0.5581 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

- A review on pharmacology and toxicology of *Elephantopus scaber* Linn. Nat Prod Res. 2014;28(11):819-30.
G Xu, et al. Antitumor Activities of the Four Sesquiterpene Lactones From *Elephantopus Scaber* L. Exp Oncol. 2006 Jun;28(2):106-9.

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