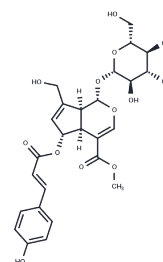


Oldenlandoside I

Chemical Properties

CAS No. :	80159-07-5
Formula:	C ₂₆ H ₃₀ O ₁₃
Molecular Weight:	550.51
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	Oldenlandoside I ((E)-6-O-p-coumaroyl scandoside methyl ester) is a natural product isolated from Hedyotis diffusa exhibiting potential antiproliferative activity. It induces apoptosis in SKM-1 cells in combination with p-coumaric acid, associated with caspase activation and inhibition of PI3K/Akt pathway proteins.
Targets(IC50)	Akt,Caspase,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8165 mL	9.0825 mL	18.165 mL
5 mM	0.3633 mL	1.8165 mL	3.633 mL
10 mM	0.1816 mL	0.9082 mL	1.8165 mL
50 mM	0.0363 mL	0.1816 mL	0.3633 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

Jiang J, Wang B, Li J, et al. Total coumarins of Hedyotis diffusa induces apoptosis of myelodysplastic syndrome SKM-1 cells by activation of caspases and inhibition of PI3K/Akt pathway proteins. J Ethnopharmacol. 2017;196: 253-260. doi:10.1016/j.jep.2016.12.012

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