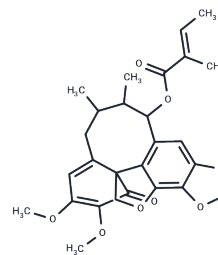


Heteroclitin D

Chemical Properties

CAS No. :	140369-76-2
Formula:	C ₂₇ H ₃₀ O ₈
Molecular Weight:	482.52
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	1. Heteroclitin D can inhibit L-type calcium channels. 2. Heteroclitin D might be a valuable antitumor promoter or chemopreventor.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility	DMSO: 70 mg/mL (145.07 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0725 mL	10.3623 mL	20.7245 mL
5 mM	0.4145 mL	2.0725 mL	4.1449 mL
10 mM	0.2072 mL	1.0362 mL	2.0725 mL
50 mM	0.0414 mL	0.2072 mL	0.4145 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

Chen D F, Zhang S X, Kozuka M, et al. Interiotherins C and D, two new lignans from Kadsura interior and antitumor-promoting effects of related neolignans on Epstein-Barr virus activation[J]. Journal of Natural Products, 2002, 65 (9):1242-1245.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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