

chaetoglobosin Vb

Chemical Properties

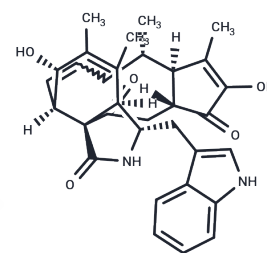
CAS No. : 1399690-75-5

Formula: C₃₂H₃₆N₂O₅

Molecular Weight: 528.64

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	chaetoglobosin Vb is a new cytochalasan alkaloid isolated from endophytic <i>Chaetomium globosum</i>
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 27.5 mg/mL (52.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8916 mL	9.4582 mL	18.9165 mL
5 mM	0.3783 mL	1.8916 mL	3.7833 mL
10 mM	0.1892 mL	0.9458 mL	1.8916 mL
50 mM	0.0378 mL	0.1892 mL	0.3783 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

Min X , Zhang Q , Gao J M , et al. Chaetoglobosin Vb from Endophytic *Chaetomium Globosum*: Absolute Configuration of Chaetoglobosins[J]. Chirality, 2012, 24(8).

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