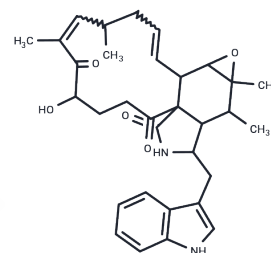


Chaetoglobosin F

Chemical Properties

CAS No. :	55945-75-0
Formula:	C ₃₂ H ₃₈ N ₂ O ₅
Molecular Weight:	530.65
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	Chaetoglobosin F is a cytochalasin-type alkaloid derived from <i>Chaetomium globosum</i> . It exhibits cytotoxic properties against human nasopharyngeal epidermoid carcinoma cells (KB), with an IC ₅₀ value of 52.0 μM.
Targets(IC ₅₀)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8845 mL	9.4224 mL	18.8448 mL
5 mM	0.3769 mL	1.8845 mL	3.769 mL
10 mM	0.1884 mL	0.9422 mL	1.8845 mL
50 mM	0.0377 mL	0.1884 mL	0.3769 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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