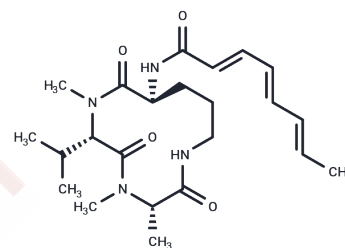


Aspochracin

Chemical Properties

CAS No. :	22029-09-0
Formula:	C ₂₃ H ₃₆ N ₄ O ₄
Molecular Weight:	432.565
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	Aspochracin, a biochemical compound, exhibits potent antifungal activity by inhibiting the growth of various fungal species. This secondary metabolite, produced by <i>Aspergillus</i> spp., plays a crucial role in pharmaceutical applications, particularly in the development of antifungal agents. Its chemical structure enables the interference with the cell membrane of fungi, leading to disruption of essential biological processes and ultimately, fungal cell death.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3118 mL	11.5588 mL	23.1176 mL
5 mM	0.4624 mL	2.3118 mL	4.6235 mL
10 mM	0.2312 mL	1.1559 mL	2.3118 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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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