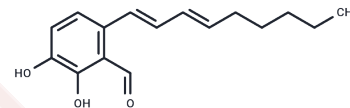


Albiducin A

Chemical Properties

CAS No. :	2222286-14-6
Formula:	C ₁₆ H ₂₀ O ₃
Molecular Weight:	260.328
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	Albiducin A is an antibiotic discovered in <i>Hymenoscyphus albidus</i> , possessing both antibacterial and anticancer properties. Its minimum inhibitory concentration (MIC) against bacteria and fungi ranges from 16.7 to 66.7 mg/mL. The IC ₅₀ values for mouse fibroblasts (L929) and human cervical carcinoma cells (KB3-1) are 6.1 and 2.7 µg/mL, respectively. Albiducin A shows potential for research in the fields of infectious and cancer diseases.
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8413 mL	19.2064 mL	38.4128 mL
5 mM	0.7683 mL	3.8413 mL	7.6826 mL
10 mM	0.3841 mL	1.9206 mL	3.8413 mL
50 mM	0.0768 mL	0.3841 mL	0.7683 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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