

Crocacin C

Chemical Properties

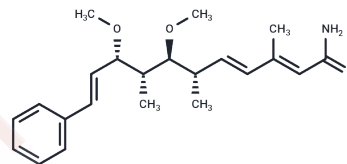
CAS No. : 237425-38-6

Formula: C₂₂H₃₁NO₃

Molecular Weight: 357.486

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	Crocacin C exhibits activity against yeast and filamentous fungi. It inhibits the growth of mouse fibroblast L929 cells. In calf heart microsomes, Crocacin C interrupts electron transfer in the bc1 complex, causing a red shift of the cytochrome B reduced spectrum peak at 569nm.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7973 mL	13.9864 mL	27.9728 mL
5 mM	0.5595 mL	2.7973 mL	5.5946 mL
10 mM	0.2797 mL	1.3986 mL	2.7973 mL
50 mM	0.0559 mL	0.2797 mL	0.5595 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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