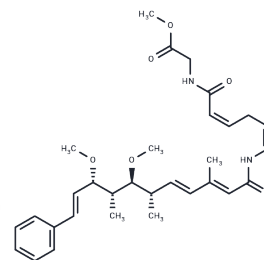


Crocacin A

Chemical Properties

CAS No. :	157698-34-5
Formula:	C ₃₁ H ₄₂ N ₂ O ₆
Molecular Weight:	538.675
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 A exhibits activity against yeast and filamentous fungi. It inhibits the proliferation of mouse fibroblast L929 cells. In calf heart microsomes, Crocacin A obstructs electron transfer at the bc1 segment, resulting in a red shift of the cytochrome B reduced spectrum at the 569 nm peak.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8564 mL	9.2819 mL	18.5639 mL
5 mM	0.3713 mL	1.8564 mL	3.7128 mL
10 mM	0.1856 mL	0.9282 mL	1.8564 mL
50 mM	0.0371 mL	0.1856 mL	0.3713 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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