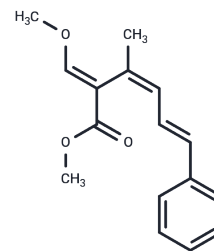


Mucidin

Chemical Properties

CAS No. :	52110-55-1
Formula:	C ₁₆ H ₁₈ O ₃
Molecular Weight:	258.31
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	Mucidin is an antifungal antibiotic that inhibits electron transfer reactions within the mitochondrial respiratory chain's cytochrome bc1 complex.
Targets(IC50)	Mitochondrial Metabolism,Antibiotic,Antifungal
In vitro	Mucidin inhibits the reduction of cytochrome c1 by succinate, yet it does not interfere with the reduction of cytochrome b.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8713 mL	19.3566 mL	38.7132 mL
5 mM	0.7743 mL	3.8713 mL	7.7426 mL
10 mM	0.3871 mL	1.9357 mL	3.8713 mL
50 mM	0.0774 mL	0.3871 mL	0.7743 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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