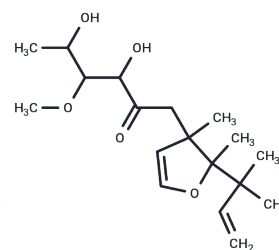


A 121

## Chemical Properties

CAS No. : 68072-84-4  
 Formula: C<sub>18</sub>H<sub>30</sub>O<sub>5</sub>  
 Molecular Weight: 326.43  
 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	A 121 is a non-polyene antifungal antibiotic. It is active against a number of filamentous fungi including some plant and human pathogens.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0634 mL	15.3172 mL	30.6344 mL
5 mM	0.6127 mL	3.0634 mL	6.1269 mL
10 mM	0.3063 mL	1.5317 mL	3.0634 mL
50 mM	0.0613 mL	0.3063 mL	0.6127 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.

## Reference

Singh S, Samanta TB. A121--an antifungal compound from Streptomyces species. Microbios. 1992;71(288-289): 217-24. PubMed PMID: 1479922.

Singh SK, Samanta TB. A121--a new antifungal antibiotic. Indian J Exp Biol. 1978 Jun;16(6):708-10. PubMed PMID: 700804.

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