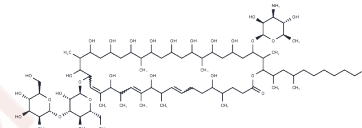


## Mathemycin B

## Chemical Properties

CAS No. :	233262-38-9
Formula:	C77H142N2O29
Molecular Weight:	1559.95
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	Mathemycin B inhibits pathogenic fungi and shows inhibitory activity against Phytophthora strain JO8 in vitro, with a minimum inhibitory concentration (MIC) of 7.8 µg/mL.
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.641 mL	3.2052 mL	6.4105 mL
5 mM	0.1282 mL	0.641 mL	1.2821 mL
10 mM	0.0641 mL	0.3205 mL	0.641 mL
50 mM	0.0128 mL	0.0641 mL	0.1282 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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