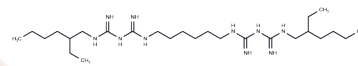


## Alexidine

## Chemical Properties

CAS No. :	22573-93-9
Formula:	C <sub>26</sub> H <sub>56</sub> N <sub>10</sub>
Molecular Weight:	508.79
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	Alexidine is an antifungal and anti-biofilm agent against a variety of fungal pathogens. alexidine targets the mitochondrial tyrosine phosphatase PTPMT1 in mammalian cells, causing mitochondrial apoptosis and exhibiting antitumor effects.
Targets(IC50)	Others,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9654 mL	9.8272 mL	19.6545 mL
5 mM	0.3931 mL	1.9654 mL	3.9309 mL
10 mM	0.1965 mL	0.9827 mL	1.9654 mL
50 mM	0.0393 mL	0.1965 mL	0.3931 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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