

## Lipoxamycin HCl

## Chemical Properties

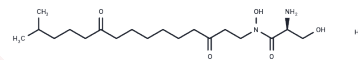
CAS No. :

Formula: C<sub>19</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>5</sub>

Molecular Weight: 408.96

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	Lipoxamycin HCl is a potent serine palmitoyltransferase inhibitor with antifungal activity and inhibits serine palmitoyltransferase activity.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4452 mL	12.2261 mL	24.4523 mL
5 mM	0.489 mL	2.4452 mL	4.8905 mL
10 mM	0.2445 mL	1.2226 mL	2.4452 mL
50 mM	0.0489 mL	0.2445 mL	0.489 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

S M Mandala, et al. Inhibition of Serine Palmitoyl-Transferase Activity by Lipoxamycin. J Antibiot (Tokyo). 1994 Mar; 47(3):376-9.

H A Whaley. The Structure of Lipoxamycin, a Novel Antifungal Antibiotic. J Am Chem Soc. 1971 Jul 28;93(15):3767-9.

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