LKT Laboratories, Inc.

Nystatin

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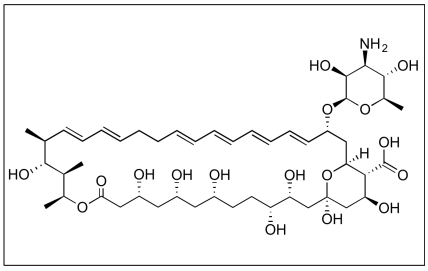
Product Information

Product ID N9874
CAS No. 1400-61-9
Chemical Name

Synonym Fungicidin, Candex, Mycostatin, Nystan, O-V Statin



Formula $C_{47}H_{75}NO_{17}$
Formula Wt. 926.09
Melting Point 160°C (dec)
Purity 4400u/mg
Solubility Soluble in methanol, ethanol and water.

Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
N9874	500 KU	$26.00
N9874	1 MU	$30.50
N9874	5 MU	$75.80

Store Temp 4°C
Ship Temp Ambient
Description Nystatin is a polyene macrolide antibiotic initially produced by *Streptomyces*. Nystatin exhibits antifungal activity, binding ergosterol and forming pores in fungal membranes. TEST!!!!!!

References

Serhan G, Stack CM, Perrone GG, et al. The polyene antifungals, amphotericin B and nystatin, cause cell death in Saccharomyces cerevisiae by a distinct mechanism to amphibian-derived antimicrobial peptides. Ann Clin Microbiol Antimicrob. 2014 May 12;13:18. PMID: 24884795.

Fjaervik E, Zotchev SB. Biosynthesis of the polyene macrolide antibiotic nystatin in Streptomyces noursei. Appl Microbiol Biotechnol. 2005 Jun;67(4):436-43. PMID: 15700127.

Hammond SM. Biological activity of polyene antibiotics. Prog Med Chem. 1977;14:105-79. PMID: 345355.