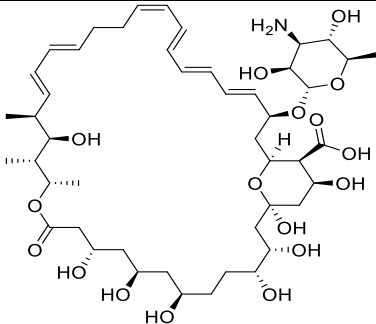


# Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
326754	Nystatin	ALF60920
Chemical name		
(1S,3S,4R,7R,9R,11S,15S,16R,17R,18S,19E,21E,25Z,27E,29E,31E,33S,35S,36S,37S)-33-(((2S,3S,4S,5S,6R)-4-amino-3,5-dihydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-1,3,4,7,9,11,17,37-octahydroxy-15,16,18-trimethyl-13-oxo-14,39-dioxabicyclo[33.3.1]nonatriaconta-19,21,25,27,29,31-hexaene-36-carboxylic acid		
Synonyms		
Nystatin; Mycostatin. AI3-26526; Barstatin 100; Biofanal; Candex; Candex Lotion; Candiohermal; Diastatin; Fungicidin; Herniocid; HSDB 3138; Korostatin; Moronal; Myconystatin; Mycostatin; Nilstat; Nistatin; Nistatina; NSC 150817; Nyamyc; Nyotran; Nysert; Nystan; Nystatin; Nystatine; Nystavescent; Nystex; Nystop; O-V Statin; Stamycin; Zydin E		
Chemical structure	CAS# and Theoretical analysis	
	MedKoo Cat#: 326754 Name: Nystatin CAS#: 1400-61-9 Lot#: ALF60920 Chemical Formula: C <sub>47</sub> H <sub>75</sub> NO <sub>17</sub> Exact Mass: 925.5035 Molecular Weight: 926.11	
Analysis item	Specifications / Results	
Appearance	White to off-white solid powder	
Structure	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.	
Potency	>4400 units/mg	
Solubility	Soluble in DMSO.	
Conclusion	This product conforms with MedKoo's quality standards	
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.	
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition	
Shelf life	At least 5 years if properly stored.	

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**