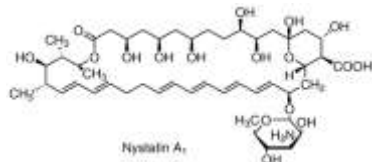


PRODUCT: Nystatin, USP**ALTERNATE NAME:** Fungicidin, Mycostatin**CATALOG #:** B1509-1G, 5G, 25G**AMOUNT:** 1 g, 5 g, 25 g**STRUCTURE:****MOLECULAR FORMULA:** C₄₇H₇₅NO₁₇**MOLECULAR WEIGHT:** 926.1**CAS NUMBER:** 1400-61-9**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (~ 5 mg/ml)**POTENCY:** ≥4400 U/mg**STORAGE:** Store at +4 °C. Protect from air and moisture

DESCRIPTION: Nystatin is a polyene antifungal antibiotic produced by *Streptomyces noursei*. Nystatin acts by binding to ergosterol in fungal cell membranes, increasing permeability of the membrane, and creating nystatin/ergosterol based ion channels. It also functions as a lipid raft-inhibiting reagent and as membrane associated cholesterol.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Amphotericin B (Cat. No. 2497-250, 1G, 5G)
 Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)
 Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)
 EZSolution™ Ampicillin sodium (Cat. No. 2499-10)
 Betulinic Acid (Cat. No. 1552-25)
 Bexarotene (Cat. No. 1575-5, 50)
 Blastidicin S, Hydrochloride (Cat. No. 1859-25,100)
 Capecitabine (Cat. No. 1741-100, 1000)
 Carboplatin (Cat. No. 1553-100)
 Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)
 Cisplatin (Cat. No. 1550-100,1000)
 Cycloheximide (Cat. No. 1041-1G, 5G)
 Cycloheximide (100 mM) (Cat. No. 1041-1)
 Daunorubicin.HCl (1524-10,50,500)
 Doxorubicin HCl (Cat. No. 1527-5)
 Fludarabine Phosphate (Cat. No. 1763-10, 50)
 G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)
 Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
 Genistein (Cat. No. 1533-10)
 Nedaplatin (Cat. No. 1576-5)
 Nystatin, USP Grade (Cat. No. B1509-1G, 5G, 25G)
 Oxaliplatin (Cat. No. 1577-25)
 Paclitaxel (Cat. No. 1567-25)
 Penicillin G sodium (Cat. No. 2503-100, 500)
 Penicillin G potassium (Cat. No. 2504-25, 100)
 Polymyxin B Sulfate (Cat. No. 2496-10, 50, 100)
 Puromycin Dihydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)
 EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)
 Streptozocin (Cat. No. 1930-100, 500, 1000)
 Tamoxifen Citrate (Cat. No. 1551-1000)
 Timentin (Cat. No. B1508-1G, 5G, 25G)
 Vancomycin Hydrochloride (Cat. No. B1507-250, 1G, 5G)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**