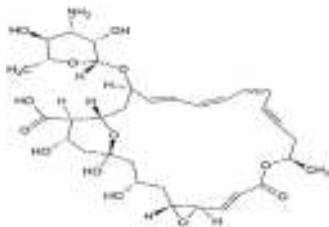


# Natamycin

**ALTERNATE NAME:** Pimaricin  
(5R,7R,24S)-22R-[(3S-amino-3,6-dideoxy-β-D-mannopyranosyl)oxy]-1R,3S,26S-trihydroxy-12R-methyl-10-oxo-6,11,28-trioxatricyclo[22.3.1.05,7]octacos-8E,14E,16E,18E,20E-pentaene-25R-carboxylic acid

**CATALOG #:** B2685-50 50 mg  
B2685-250 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>33</sub>H<sub>47</sub>NO<sub>13</sub>

**MOLECULAR WEIGHT:** 665.73

**CAS NUMBER:** 7681-93-8

**APPEARANCE:** Off-white to pale yellow crystalline powder

**PURITY:** ≥95%

**SOLUBILITY:** ~ 1 mg/ml DMSO

**DESCRIPTION:** Natamycin is a naturally-occurring macrolide polyene antibiotic that acts as an antifungal agent. Natamycin blocks fungal growth by binding specifically to ergosterol with an apparent affinity of ~100 μM, but it does not permeabilize cell membranes as other polyene antibiotics are known to do. Natamycin is also used in the food industry as a preservative.

**STORAGE TEMPERATURE:** -20°C. Protect from moisture

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

**RELATED PRODUCTS:**

Posaconazole (9526)  
Micafungin sodium (2585)  
Tavaborole (B2296)  
Itraconazole (1987)  
Terbinafine (Free base) (B2423)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*