

## Pimaricin

**Cat:** P9210

**Specification:** 1g

**Storage:** Store at 2-8°C, and it is valid for 3 years.

### Product Information

**CAS:** 7681-93-8

**English name:** Pimaricin

**Alias:** Natamycin; Malamycin

**Appearance (Character):** Yellowish-brown powder

**Molecular Formula:** C<sub>33</sub>H<sub>47</sub>NO<sub>13</sub>

**Molecular Weight:** 665.73

**Purity:** ≥95%

**Solubility:** 100mg/ml in glacial acetic acid

### Introduction

It is a polyene antibiotic with antifungal properties that inhibits fungal growth by specifically binding to ergosterol. Unlike nystatin and filipin, natamycin does not alter the permeability of cell membranes.

**Physical Properties:** It is almost odorless and tasteless, can contain up to 3 moles of water, is practically insoluble in water, higher alcohols, ethers, esters, slightly soluble in methanol, soluble in glacial acetic acid and dimethyl sulfoxide. It is sensitive to oxidizing agents and ultraviolet light.

### Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.