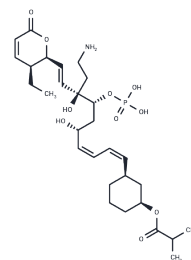


## Phoslactomycin A

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 159991-67-0   |
| Formula:          | C <sub>29</sub> H <sub>46</sub> NO <sub>10</sub> P  |
| Molecular Weight: | 599.65  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Phoslactomycin A exhibits weaker activity against Gram-positive bacteria, yet it shows stronger efficacy against fungi. |
| Targets(IC50) | Antibiotic, Antifungal  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.6676 mL | 8.3382 mL | 16.6764 mL |
| 5 mM  | 0.3335 mL | 1.6676 mL | 3.3353 mL  |
| 10 mM | 0.1668 mL | 0.8338 mL | 1.6676 mL  |
| 50 mM | 0.0334 mL | 0.1668 mL | 0.3335 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481