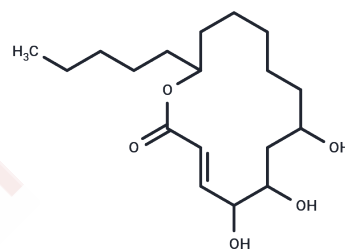


SCH 725674

Chemical Properties

CAS No. : 877061-66-0
 Formula: C₁₈H₃₂O₅
 Molecular Weight: 328.44
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | SCH 725674 is an antifungal macrolide originally isolated from <i>Aspergillus</i> . It inhibits the growth of <i>S. cerevisiae</i> and <i>C. albicans</i> in vitro (MICs = 8 and 32 µg/ml, respectively). |
| Targets(IC50) | Others, Antibacterial |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 3.0447 mL | 15.2235 mL | 30.447 mL |
| 5 mM | 0.6089 mL | 3.0447 mL | 6.0894 mL |
| 10 mM | 0.3045 mL | 1.5223 mL | 3.0447 mL |
| 50 mM | 0.0609 mL | 0.3045 mL | 0.6089 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

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