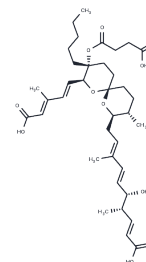


Reveromycin D

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 144860-70-8 |
| Formula: | C37H54O11 |
| Molecular Weight: | 674.82 |
| 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 | Reveromycin D is a bacterial metabolite originally isolated from Streptomyces. It inhibits EGF-induced mitogenic activity in Balb/MK cells and exhibits pH-dependent antifungal activity against <i>C. albicans</i> [MICs = 2 and >500 µg/ml at pH 3 and 7.4, respectively]. Reveromycin D also inhibits the proliferation of KB and K562 cells [IC50s = 1.6 and 1.3 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 | 1.4819 mL | 7.4094 mL | 14.8188 mL |
| 5 mM | 0.2964 mL | 1.4819 mL | 2.9638 mL |
| 10 mM | 0.1482 mL | 0.7409 mL | 1.4819 mL |
| 50 mM | 0.0296 mL | 0.1482 mL | 0.2964 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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