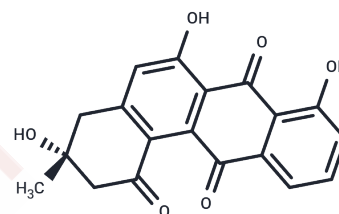


Rabelomycin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 28399-50-0 |
| Formula: | C ₁₉ H ₁₄ O ₆ |
| Molecular Weight: | 338.31 |
| 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 | Rabelomycin is an angucycline group antibiotic. |
| Targets(IC50) | Others,Antibacterial,NO Synthase,Antibiotic |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9559 mL | 14.7793 mL | 29.5587 mL |
| 5 mM | 0.5912 mL | 2.9559 mL | 5.9117 mL |
| 10 mM | 0.2956 mL | 1.4779 mL | 2.9559 mL |
| 50 mM | 0.0591 mL | 0.2956 mL | 0.5912 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.

Reference

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- Liu WC, Parker L, Slusarchyk S, Greenwood GL, Gram SF, Meyers E. Isolation, characterization, and structure of rabelomycin, a new antibiotic. *J Antibiot (Tokyo).* 1970 Sep;23(9):437-41. PubMed PMID: 5459625.
- Yang K, Han L, Ayer SW, Vining LC. Accumulation of the angucycline antibiotic rabelomycin after disruption of an oxygenase gene in the jadomycin B biosynthetic gene cluster of *Streptomyces venezuelae*. *Microbiology.* 1996 Jan; 142 (Pt 1):123-32. PubMed PMID: 8581159.
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