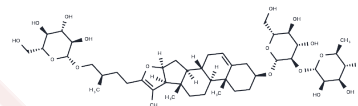


Proprotogracillin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 78229-03-5 |
| Formula: | C45H72O17 |
| Molecular Weight: | 885.054 |
| 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 | Proprotogracillin is a steroidal glycoside isolated from the bulbs of *Lilium speciosum*. |
| Targets(IC50) | Others |
| In vitro | Proprotogracillin exhibits moderate cytotoxic effects on A549 cells, demonstrating an IC50 value of 6.7 μ M[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.1299 mL | 5.6494 mL | 11.2988 mL |
| 5 mM | 0.226 mL | 1.1299 mL | 2.2598 mL |
| 10 mM | 0.113 mL | 0.5649 mL | 1.1299 mL |
| 50 mM | 0.0226 mL | 0.113 mL | 0.226 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

Mimaki Y, et al. Steroidal and phenolic constituents of *Lilium speciosum*. *Phytochemistry*. 1991;30(3):937-940.

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