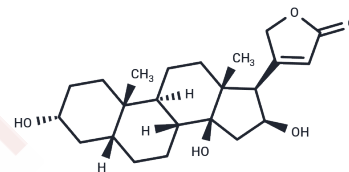


3-Epigitoxinin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 465-10-1 |
| Formula: | C ₂₃ H ₃₄ O ₅ |
| Molecular Weight: | 390.51 |
| 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 | 3-Epigitoxinin, a cardiac glycoside, can be extracted from the seeds of <i>Strophanthus diuaticatus</i> [1]. |
| In vitro | 3-Epigitoxinin (0-10 μ M; 48 h) exhibits no cytotoxicity towards A549, DU 145, PANC-1, MIA PaCa-2, HEK-293, and MRC-5 cells, with IC ₅₀ values all greater than 10 μ M [2]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5608 mL | 12.8038 mL | 25.6075 mL |
| 5 mM | 0.5122 mL | 2.5608 mL | 5.1215 mL |
| 10 mM | 0.2561 mL | 1.2804 mL | 2.5608 mL |
| 50 mM | 0.0512 mL | 0.2561 mL | 0.5122 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

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