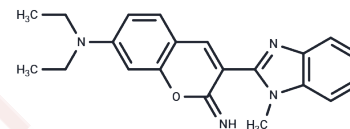


Tubulin inhibitor 48

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 63589-51-5 |
| Formula: | C ₂₁ H ₂₂ N ₄ O |
| Molecular Weight: | 346.43 |
| 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 | Tubulin inhibitor 48 (compound 16) is an anticancer agent targeting microtubules. It exhibits IC ₅₀ values of 0.1 μM and 0.07 μM against LN-229 and Capan-1 cells, respectively. |
| Targets(IC ₅₀) | Others, Microtubule Associated |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.8866 mL | 14.4329 mL | 28.8659 mL |
| 5 mM | 0.5773 mL | 2.8866 mL | 5.7732 mL |
| 10 mM | 0.2887 mL | 1.4433 mL | 2.8866 mL |
| 50 mM | 0.0577 mL | 0.2887 mL | 0.5773 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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