

Tubulin inhibitor 22

Chemical Properties

CAS No. :

Formula: C₂₀H₁₇BrFNO₄

Molecular Weight: 434.26

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 22 (compound 4c) is a potent tubulin inhibitor exhibiting anti-angiogenic and anti-cancer activity, which blocks the cell cycle of MGC-803 cells in the G2/M phase and induces Caspase-mediated apoptosis through mitochondrial dysfunction in a dose-dependent manner. |
| Targets(IC50) | Others, Microtubule Associated |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3028 mL | 11.5138 mL | 23.0277 mL |
| 5 mM | 0.4606 mL | 2.3028 mL | 4.6055 mL |
| 10 mM | 0.2303 mL | 1.1514 mL | 2.3028 mL |
| 50 mM | 0.0461 mL | 0.2303 mL | 0.4606 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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