

Antitumor agent-88

Chemical Properties

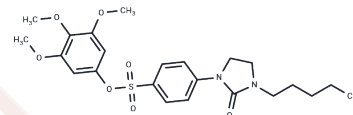
CAS No. : 1422527-87-4

Formula: C₂₃H₃₀N₂O₇S

Molecular Weight: 478.56

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 | Antitumor agent-88, a competitive inhibitor of CYP1A1 (K _i : 1.4 μM), demonstrates significant antimitotic activity by arresting cells in the G ₂ /M phase and disrupting the microtubule network and cytoskeleton in CYP1A1-expressing breast cancer cells. |
| Targets(IC ₅₀) | Others,Cytochromes P450 |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.0896 mL | 10.448 mL | 20.896 mL |
| 5 mM | 0.4179 mL | 2.0896 mL | 4.1792 mL |
| 10 mM | 0.209 mL | 1.0448 mL | 2.0896 mL |
| 50 mM | 0.0418 mL | 0.209 mL | 0.4179 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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