

Antitumor agent-88

Chemical Properties

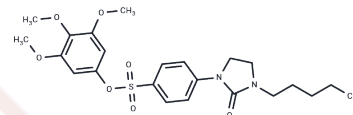
CAS No. : 1422527-87-4

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

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481