

## Antiproliferative agent-5

## Chemical Properties

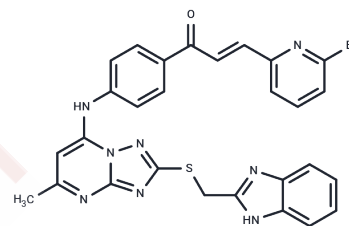
CAS No. : 2459892-41-0

Formula: C<sub>28</sub>H<sub>21</sub>BrN<sub>8</sub>O<sub>5</sub>

Molecular Weight: 597.49

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	Antiproliferative agent-5 (compound 4o) irreversibly and significantly inhibits the proliferation of gastric cancer cells, blocks the cell cycle in the G2/M phase, induces ROS accumulation, and activates cellular autophagy. Antiproliferative agent-5 can be used in anti-cancer research.
Targets(IC50)	Others,Reactive Oxygen Species,Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6737 mL	8.3683 mL	16.7367 mL
5 mM	0.3347 mL	1.6737 mL	3.3473 mL
10 mM	0.1674 mL	0.8368 mL	1.6737 mL
50 mM	0.0335 mL	0.1674 mL	0.3347 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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