

Autophagy-IN-1

Chemical Properties

CAS No. :

Formula: C₂₃H₂₅N₀₇

Molecular Weight: 427.45

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	Autophagy-IN-1 is a potent inhibitor of autophagy/mitophagy that blocks autophagosomal-lysosomal fusion in cancer cells while selectively increasing autophagic flux. It significantly inhibits tumor growth in the HCT116 mouse xenograft tumour model with low toxicity and can be used to study colorectal cancer.
Targets(IC50)	Apoptosis,Others,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3395 mL	11.6973 mL	23.3945 mL
5 mM	0.4679 mL	2.3395 mL	4.6789 mL
10 mM	0.2339 mL	1.1697 mL	2.3395 mL
50 mM	0.0468 mL	0.2339 mL	0.4679 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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