

PI3K/mTOR Inhibitor-17

Chemical Properties

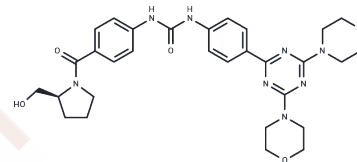
CAS No. :

Formula: C30H36N8O5

Molecular Weight: 588.657

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	PI3K/mTOR Inhibitor-17 (compound 5nh) is a potent inhibitor of PI3K/mTOR, exhibiting an inhibitory concentration of 0.45 nM for PI3K α and 2.9 nM for mTOR. PI3K/mTOR Inhibitor-17 plays a significant role in cancer research.
Targets(IC50)	mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6988 mL	8.4939 mL	16.9877 mL
5 mM	0.3398 mL	1.6988 mL	3.3975 mL
10 mM	0.1699 mL	0.8494 mL	1.6988 mL
50 mM	0.034 mL	0.1699 mL	0.3398 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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