

DQ661

Chemical Properties

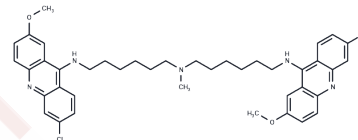
CAS No. : 2027551-01-3

Formula: C₄₁H₄₇Cl₂N₅O₂

Molecular Weight: 712.75

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	DQ661 is a potent inhibitor of PPT1 and a dimeric quinacrine autophagy (autophagy) inhibitor. It effectively suppresses the activity of mTORC1 and reduces protein expression levels of pS6K T389 and pS6 S240-244. Additionally, DQ661 exhibits anticancer properties.
Targets(IC50)	Autophagy,mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.403 mL	7.0151 mL	14.0302 mL
5 mM	0.2806 mL	1.403 mL	2.806 mL
10 mM	0.1403 mL	0.7015 mL	1.403 mL
50 mM	0.0281 mL	0.1403 mL	0.2806 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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