

ZLHQ-5f

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub>

Molecular Weight: 463.53

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	ZLHQ-5f is a dual inhibitor of CDK2 and Topo I, acting on CDK2/CycA2 (IC <sub>50</sub> : 0.145 μM). ZLHQ-5f has a good safety profile by blocking the cell cycle of HCT116 cells in S phase and inducing apoptosis.
Targets(IC <sub>50</sub> )	Apoptosis,Others,CDK,Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1574 mL	10.7868 mL	21.5736 mL
5 mM	0.4315 mL	2.1574 mL	4.3147 mL
10 mM	0.2157 mL	1.0787 mL	2.1574 mL
50 mM	0.0431 mL	0.2157 mL	0.4315 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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