

ZLWT-37

Chemical Properties

CAS No. :

Formula: C₂₆H₃₀ClN₅O

Molecular Weight: 464

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	ZLWT-37 is a potent, orally active inhibitor of CDKs, specifically targeting CDK9 (IC ₅₀ : 0.002 μM) and CDK2 (IC ₅₀ : 0.054 μM), and is capable of blocking the cell cycle of HCT116 cells in G2/M phase and inducing apoptosis.
Targets(IC50)	Apoptosis,Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1552 mL	10.7759 mL	21.5517 mL
5 mM	0.431 mL	2.1552 mL	4.3103 mL
10 mM	0.2155 mL	1.0776 mL	2.1552 mL
50 mM	0.0431 mL	0.2155 mL	0.431 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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