

YCH3124

Chemical Properties

CAS No. :

Formula: C30H34N4O5

Molecular Weight: 530.61

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	YCH3124 (compound Z33) is an inhibitor of USP7, exhibiting anti-tumor activity with an IC50 value of 41.9 nM. This compound demonstrates substantial in vitro anti-proliferative effects on various tumor cells, including LNCaP (IC50= 3.6 nM) and CHP-212 (IC50=9.9 nM). Moreover, YCH3124 induces apoptosis in CHP-212 cells by disrupting the cell cycle process during the G1 phase.
Targets(IC50)	Apoptosis,DUB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8846 mL	9.4231 mL	18.8462 mL
5 mM	0.3769 mL	1.8846 mL	3.7692 mL
10 mM	0.1885 mL	0.9423 mL	1.8846 mL
50 mM	0.0377 mL	0.1885 mL	0.3769 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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