

LL-K8-22

Chemical Properties

CAS No. :

Formula: C37H43N5O

Molecular Weight: 573.77

Keep away from direct sunlight

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	LL-K8-22 is a potent, selective, and durable dual degrader of CDK8-cyclin C, demonstrating DC50 values of 2.52 and 2.64 μ M, respectively. This compound effectively suppresses STAT1 Ser 727 phosphorylation and inhibits carcinogenic transcriptional programs driven by E2F and MYC. LL-K8-22 is specifically utilized in research for triple-negative breast cancer (TNBC) [1].
Targets(IC50)	Others,CDK,STAT,PROTACs,Early 2 Factor (E2F)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7429 mL	8.7143 mL	17.4286 mL
5 mM	0.3486 mL	1.7429 mL	3.4857 mL
10 mM	0.1743 mL	0.8714 mL	1.7429 mL
50 mM	0.0349 mL	0.1743 mL	0.3486 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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