

LBM22

Chemical Properties

CAS No. :

Formula: C₂₈H₂₂F₂N₆O₂

Molecular Weight: 512.51

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	LBM22, a CLK2 inhibitor, exhibits an IC ₅₀ value of 3.9 nM. It possesses anti-proliferative properties by inhibiting the phosphorylation of SR proteins. Additionally, LBM22 downregulates the expression of Wnt-related proteins and anti-apoptotic proteins, making it applicable in the study of non-small cell lung cancer.
Targets(IC ₅₀)	Apoptosis,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9512 mL	9.7559 mL	19.5118 mL
5 mM	0.3902 mL	1.9512 mL	3.9024 mL
10 mM	0.1951 mL	0.9756 mL	1.9512 mL
50 mM	0.039 mL	0.1951 mL	0.3902 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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