

CLK1-IN-2

Chemical Properties

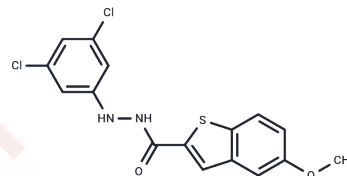
CAS No. :

Formula: C₁₆H₁₂Cl₂N₂O₂S

Molecular Weight: 367.25

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	CLK1-IN-2, a metabolically stable Clk1 inhibitor, exhibits selective activity for Clk1 with an IC ₅₀ value of 1.7 nM. It is applicable in researching tumor, Duchenne's muscular dystrophy, and viral infections including HIV-1 and influenza.
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7229 mL	13.6147 mL	27.2294 mL
5 mM	0.5446 mL	2.7229 mL	5.4459 mL
10 mM	0.2723 mL	1.3615 mL	2.7229 mL
50 mM	0.0545 mL	0.2723 mL	0.5446 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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