

CLK1/4-IN-1

Chemical Properties

CAS No. :

Formula: C₁₈H₁₄ClNO₄S

Molecular Weight: 375.83

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	CLK1/4-IN-1 (compound 31) is a highly potent and selective inhibitor of Clk1 and Clk4, with IC ₅₀ values of 9.7 nM and 6.6 nM, respectively. It effectively inhibits the growth of T24 cancer cells, with a GI ₅₀ value of 1.1 μM. CLK1/4-IN-1 has shown promising potential as an anticancer research tool [1].
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6608 mL	13.3039 mL	26.6078 mL
5 mM	0.5322 mL	2.6608 mL	5.3216 mL
10 mM	0.2661 mL	1.3304 mL	2.6608 mL
50 mM	0.0532 mL	0.2661 mL	0.5322 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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