

CDK7-IN-5

Chemical Properties

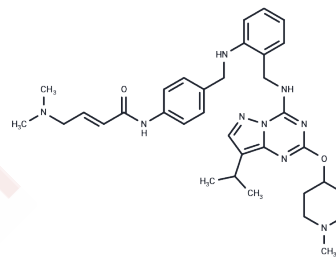
CAS No. : 1817006-50-0

Formula: C₃₄H₄₅N₉O₂

Molecular Weight: 611.795

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	CDK7-IN-5, a CDK7 inhibitor with an IC ₅₀ value of less than 100 nM, exhibits potent anticancer properties (WO2015154022A1, Compound 104).
Targets(IC ₅₀)	Others,CDK
In vitro	CDK7-IN-5 (Comp 104; 72 hours) effectively suppresses A673 cell proliferation with an inhibitory concentration (IC ₅₀) below 500 nM[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6345 mL	8.1726 mL	16.3452 mL
5 mM	0.3269 mL	1.6345 mL	3.269 mL
10 mM	0.1635 mL	0.8173 mL	1.6345 mL
50 mM	0.0327 mL	0.1635 mL	0.3269 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.

Reference

Jason J. MARINEAU, et al. Inhibitors of cyclin-dependent kinase 7 (cdk7). WO2015154022A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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