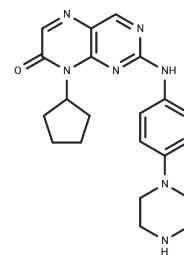


YY173

Chemical Properties

CAS No. : 330550-51-1
 Formula: C₂₁H₂₅N₇O
 Molecular Weight: 391.47
 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	YY173 is a dual inhibitor of CDK4 and CDK6, with IC ₅₀ values of 7.7 and 88 nM, respectively. It inhibits the proliferation of Jurkat cells with an IC ₅₀ of 1.46 μM. Additionally, YY173 can be utilized in the synthesis of PROTAC CDK4/6 degrader 1.
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5545 mL	12.7724 mL	25.5447 mL
5 mM	0.5109 mL	2.5545 mL	5.1089 mL
10 mM	0.2554 mL	1.2772 mL	2.5545 mL
50 mM	0.0511 mL	0.2554 mL	0.5109 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481