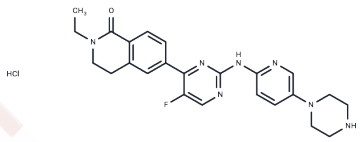
Data Sheet (Cat.No.T72951)

TargetMol

CDK4/6-IN-14

Chemical Properties



CAS No. : 2699091-15-9

Formula: C24H27ClFN7O

Molecular Weight: 483.97

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	CDK4/6-IN-14 is a potent, highly selective inhibitor of Cyclin-Dependent Kinases 4 and 6 (CDK4/6), with inhibition concentrations (IC50s) of 10 nM and 16 nM, respectively. It shows over 60-fold selectivity for CDK4/6 compared to CDKs 1, 2, 7, and 9, and exhibits significant selectivity against 205 other kinases.
Targets(IC50)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0662 mL	10.3312 mL	20.6624 mL
5 mM	0.4132 mL	2.0662 mL	4.1325 mL
10 mM	0.2066 mL	1.0331 mL	2.0662 mL
50 mM	0.0413 mL	0.2066 mL	0.4132 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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