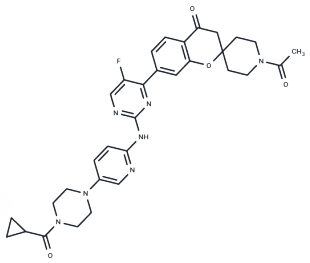
Data Sheet (Cat.No.T204550)

TargetMol

CDK4/6-IN-23

Chemical Properties



CAS No. :

Formula: C32H34FN7O4

Molecular Weight: 599.655

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-23 (Compound 42) is a potent and selective inhibitor of CDK4/6, displaying an IC50 of 11 nM for CDK6. This compound significantly activates immune cells and enhances IL-3 production. In mice undergoing 5-FU chemotherapy, CDK4/6-IN-23 demonstrates dual bone marrow protection and immunomodulatory effects.
Targets(IC50)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6676 mL	8.3381 mL	16.6761 mL
5 mM	0.3335 mL	1.6676 mL	3.3352 mL
10 mM	0.1668 mL	0.8338 mL	1.6676 mL
50 mM	0.0334 mL	0.1668 mL	0.3335 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481