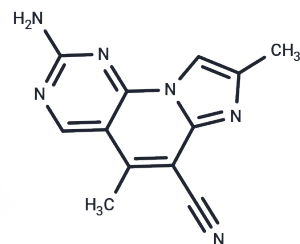


CDK4/6-IN-12

Chemical Properties

CAS No. :	2445205-24-1
Formula:	C ₁₂ H ₁₀ N ₆
Molecular Weight:	238.25
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-12 is a potent cyclin-dependent kinase 4/6 (CDK4/6) inhibitor with enzymatic inhibitory activity against CDK4 and CDK6, having IC ₅₀ values of 592.3 nM and 3090 nM, respectively. CDK4/6-IN-12 can be used in cancer research[1].
Targets(IC ₅₀)	Others,CDK
In vitro	CDK4/6-IN-12 (compound 4a) exhibits inhibitory activity against CDK4 and CDK6 with IC ₅₀ values of 592.3 nM and 3090 nM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1973 mL	20.9864 mL	41.9727 mL
5 mM	0.8395 mL	4.1973 mL	8.3945 mL
10 mM	0.4197 mL	2.0986 mL	4.1973 mL
50 mM	0.0839 mL	0.4197 mL	0.8395 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