

CDK7-IN-20

Chemical Properties

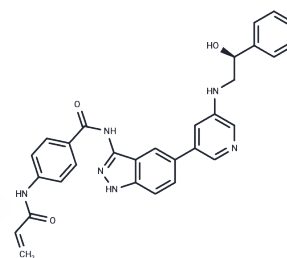
CAS No. :

Formula: C₃₀H₂₆N₆O₃

Molecular Weight: 518.57

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-20 is a potent, selective, and irreversible inhibitor of Cyclin-Dependent Kinase 7 (CDK7) with an IC ₅₀ value of 4 nM, exhibiting over 206-fold selectivity against related kinases [CDK1, CDK2, CDK3, CDK5, CDK6, CDK9, and CDK12]. It holds potential for research into autosomal dominant polycystic kidney disease (ADPKD).
Targets(IC ₅₀)	Others,CDK,GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9284 mL	9.6419 mL	19.2838 mL
5 mM	0.3857 mL	1.9284 mL	3.8568 mL
10 mM	0.1928 mL	0.9642 mL	1.9284 mL
50 mM	0.0386 mL	0.1928 mL	0.3857 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