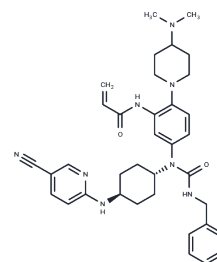


YJZ5118

Chemical Properties

CAS No. : 3031861-18-1
 Formula: C₃₆H₄₄N₈O₂
 Molecular Weight: 620.787
 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	YJZ5118 is a CDK12/13 inhibitor, possessing IC ₅₀ values of 39.5 nM and 26.4 nM for CDK12 and CDK13, respectively. This compound can inhibit tumor cell proliferation by inducing DNA damage and apoptosis (Apoptosis) and exhibits a synergistic effect with Akt inhibitors. YJZ5118 is applicable in cancer research.
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6109 mL	8.0543 mL	16.1085 mL
5 mM	0.3222 mL	1.6109 mL	3.2217 mL
10 mM	0.1611 mL	0.8054 mL	1.6109 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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