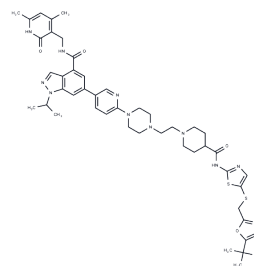


CDK9/EZH2-IN-1

Chemical Properties

CAS No. :	3081246-18-3
Formula:	C47H59N11O4S2
Molecular Weight:	906.17
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	CDK9/EZH2-IN-1 is a dual-target inhibitor of CDK9 and EZH2 with IC50 values of 83.9 nM and 108.6 nM, respectively. It induces apoptosis and causes DNA double-strand breaks (DSB). Additionally, CDK9/EZH2-IN-1 inhibits the proliferation of MKN45, MDA-MB-453, and SW620 cancer cells, with respective IC50 values of 136.3 nM, 171.3 nM, and 315.7 nM.
Targets(IC50)	Histone Methyltransferase,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1035 mL	5.5177 mL	11.0355 mL
5 mM	0.2207 mL	1.1035 mL	2.2071 mL
10 mM	0.1104 mL	0.5518 mL	1.1035 mL
50 mM	0.0221 mL	0.1104 mL	0.2207 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