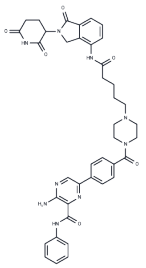
Data Sheet (Cat.No.T87258)

TargetMol

PROTAC ATR degrader-2

Chemical Properties



CAS No. : 3010273-12-5

Formula: C40H41N9O6

Molecular Weight: 743.81

Storage: Keep away from direct sunlight
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	PROTAC ATR degrader-2 (Compound 8i) serves as a PROTAC degrader targeting ATR, effectively degrading it in acute myeloid leukemia (AML) cell lines MV-4-11 and MOLM-13, with DC50 values of 22.9 and 34.5 nM, respectively. This compound induces apoptosis and inhibits the proliferation of AML cells. Additionally, PROTAC ATR degrader-2 demonstrates favorable pharmacokinetic properties and potent antitumor activity in a mouse model of AML.
Targets(IC50)	Apoptosis,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3444 mL	6.7221 mL	13.4443 mL
5 mM	0.2689 mL	1.3444 mL	2.6889 mL
10 mM	0.1344 mL	0.6722 mL	1.3444 mL
50 mM	0.0269 mL	0.1344 mL	0.2689 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

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