

PD-M6

Chemical Properties

CAS No. : 3058330-82-5

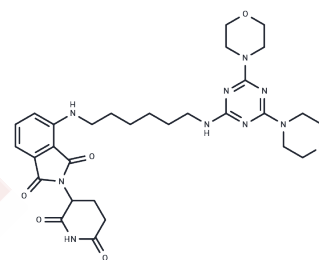
Formula: C30H39N9O6

Molecular Weight: 621.69

Keep away from direct sunlight

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	PD-M6 is an mTOR PROTAC degrader with a DC50 of 4.8 μM , which facilitates the ubiquitination and degradation of mTOR. It inhibits the proliferation of cancer cell lines HeLa, MCF-7, and HepG2 with IC50 values of 11.3, 2.58, and 3.23 μM , respectively, and induces autophagy. Additionally, PD-M6 specifically targets the degradation of the key protein LAMTOR1 in the mTOR signaling pathway.
Targets(IC50)	mTOR,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6085 mL	8.0426 mL	16.0852 mL
5 mM	0.3217 mL	1.6085 mL	3.217 mL
10 mM	0.1609 mL	0.8043 mL	1.6085 mL
50 mM	0.0322 mL	0.1609 mL	0.3217 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

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