

Pomalidomide-PEG1-C2-N3

Chemical Properties

CAS No. : 2271036-44-1

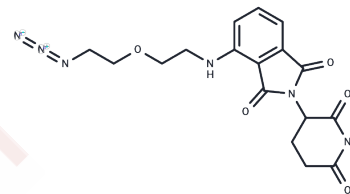
Formula: C17H18N6O5

Molecular Weight: 386.36

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	Pomalidomide-PEG1-C2-N3, a conjugate of an E3 ligase ligand-linker, incorporates the cereblon ligand based on Pomalidomide and a 1-unit PEG linker, commonly used in PROTAC technology. This compound enables the design of the selective CDK6 PROTAC degrader CP-10, which effectively induces CDK6 degradation with a DC50 value of 2.1 nM[1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5883 mL	12.9413 mL	25.8826 mL
5 mM	0.5177 mL	2.5883 mL	5.1765 mL
10 mM	0.2588 mL	1.2941 mL	2.5883 mL
50 mM	0.0518 mL	0.2588 mL	0.5177 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.

Reference

Su S, et al. Potent and Preferential Degradation of CDK6 via Proteolysis Targeting Chimera Degradable. J Med Chem. 2019 Aug 2.

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