

Thalidomide-PEG5-NH2

Chemical Properties

CAS No. : 2460263-40-3

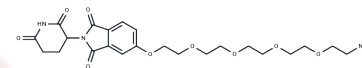
Formula: C23H31N3O9

Molecular Weight: 493.51

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	Thalidomide-PEG5-NH2 is a synthetic conjugate that acts as an E3 ligase ligand-linker and comprises a cereblon ligand based on Thalidomide linked to one linker.
Targets(IC50)	Apoptosis, Autophagy, E3 Ligase Ligand-Linker Conjugates
In vitro	PROTAC consists of two distinct ligands linked by a connector: one targets the E3 ubiquitin ligase, and the other targets the protein of interest. PROTACs exploit the cell's ubiquitin-proteasome system to selectively degrade the target protein.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0263 mL	10.1315 mL	20.263 mL
5 mM	0.4053 mL	2.0263 mL	4.0526 mL
10 mM	0.2026 mL	1.0132 mL	2.0263 mL
50 mM	0.0405 mL	0.2026 mL	0.4053 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