Data Sheet (Cat.No.T18827)



Thalidomide-O-PEG4-amine

Chemical Properties

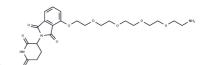
CAS No.: 2401832-00-4

Formula: C23H31N3O9

Molecular Weight: 493.51

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Thalidomide-O-PEG4-amine is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5 <mark>mg</mark>	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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com