

Pomalidomide-PEG4-azide

Chemical Properties

CAS No. : 2271036-47-4

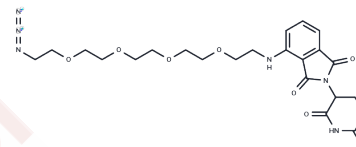
Formula: C₂₃H₃₀N₆O₈

Molecular Weight: 518.5197

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-PEG4-azide is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9286 mL	9.6428 mL	19.2857 mL
5 mM	0.3857 mL	1.9286 mL	3.8571 mL
10 mM	0.1929 mL	0.9643 mL	1.9286 mL
50 mM	0.0386 mL	0.1929 mL	0.3857 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

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

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