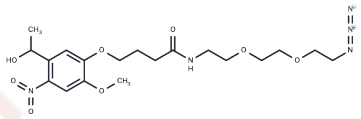
Data Sheet (Cat.No.T18524)

TargetMol

PC-PEG11-Azide

Chemical Properties



CAS No. : 2353409-89-7

Formula: C19H29N5O8

Molecular Weight: 455.468

Storage: Keep away from direct sunlight
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	PC-PEG11-Azide is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together, with one binding to an E3 ubiquitin ligase and the other to the target protein, thereby utilizing the ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1955 mL	10.9777 mL	21.9553 mL
5 mM	0.4391 mL	2.1955 mL	4.3911 mL
10 mM	0.2196 mL	1.0978 mL	2.1955 mL
50 mM	0.0439 mL	0.2196 mL	0.4391 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

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