

BCN-PEG4-hydrazide

Chemical Properties

CAS No. :

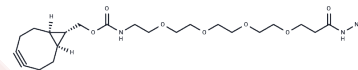
Formula: C₂₂H₃₇N₃O₇

Molecular Weight: 455.55

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	BCN-PEG4-hydrazide 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 contain two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase and the other targets the desired protein. By utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1951 mL	10.9757 mL	21.9515 mL
5 mM	0.439 mL	2.1951 mL	4.3903 mL
10 mM	0.2195 mL	1.0976 mL	2.1951 mL
50 mM	0.0439 mL	0.2195 mL	0.439 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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