

BDP FL-PEG5-azide

Chemical Properties

CAS No. : 2093197-91-0

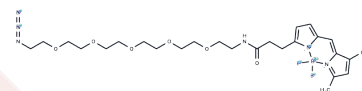
Formula: C₂₆H₃₉BF₂N₆O₆

Molecular Weight: 580.43

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	BDP FL-PEG5-azide is a PEG-based linker for PROTACs, joining two essential ligands to facilitate selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7229 mL	8.6143 mL	17.2286 mL
5 mM	0.3446 mL	1.7229 mL	3.4457 mL
10 mM	0.1723 mL	0.8614 mL	1.7229 mL
50 mM	0.0345 mL	0.1723 mL	0.3446 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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