

## BDP FL-PEG4-TCO

## Chemical Properties

CAS No. : 2183473-16-5

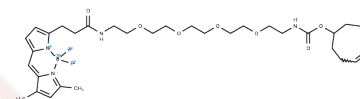
Formula: C33H49BF2N4O7

Molecular Weight: 662.58

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-PEG4-TCO is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.                           |
| Targets(IC50) | Others,PROTAC Linker                                                                                                                                                                                                                                      |
| In vitro      | PROTACs utilize two distinct ligands connected by a linker: one ligand binds an E3 ubiquitin ligase, and the other targets a specific protein. They harness the ubiquitin-proteasome system within cells to selectively degrade these target proteins[1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.5093 mL | 7.5463 mL | 15.0925 mL |
| 5 mM  | 0.3019 mL | 1.5093 mL | 3.0185 mL  |
| 10 mM | 0.1509 mL | 0.7546 mL | 1.5093 mL  |
| 50 mM | 0.0302 mL | 0.1509 mL | 0.3019 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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