

## BDP FL-PEG4-amine

## Chemical Properties

CAS No. : 2183473-14-3

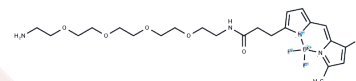
Formula: C<sub>24</sub>H<sub>37</sub>BF<sub>2</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 510.38

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-amine is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules. This linker enables selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9593 mL	9.7966 mL	19.5932 mL
5 mM	0.3919 mL	1.9593 mL	3.9186 mL
10 mM	0.1959 mL	0.9797 mL	1.9593 mL
50 mM	0.0392 mL	0.1959 mL	0.3919 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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