

## Dde Biotin-PEG4-DBCO

### Chemical Properties

CAS No. : 1807512-43-1

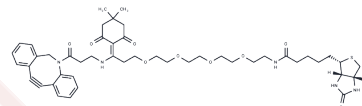
Formula: C47H61N5O9S

Molecular Weight: 872.08

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	Dde Biotin-PEG4-DBCO is a PEG-based linker for PROTACs that connects two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1467 mL	5.7334 mL	11.4668 mL
5 mM	0.2293 mL	1.1467 mL	2.2934 mL
10 mM	0.1147 mL	0.5733 mL	1.1467 mL
50 mM	0.0229 mL	0.1147 mL	0.2293 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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