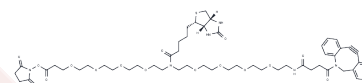


N-(DBCO-PEG4)-N-Biotin-PEG4-NHS

Chemical Properties

CAS No. :	2353409-72-8
Formula:	C54H74N6O16S
Molecular Weight:	1095.26
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(DBCO-PEG4)-N-Biotin-PEG4-NHS is a PEG-based PROTAC linker suitable for synthesizing PROTACs [1].
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 leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.913 mL	4.5651 mL	9.1303 mL
5 mM	0.1826 mL	0.913 mL	1.8261 mL
10 mM	0.0913 mL	0.4565 mL	0.913 mL
50 mM	0.0183 mL	0.0913 mL	0.1826 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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