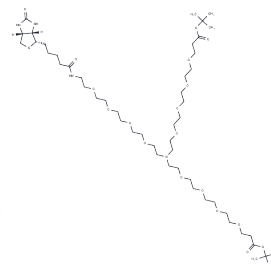


N-(Biotin-PEG4)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. :	2112730-79-5
Formula:	C50H94N4O18S
Molecular Weight:	1071.36
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-(Biotin-PEG4)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binding to an E3 ubiquitin ligase and the other to the target protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9334 mL	4.667 mL	9.3339 mL
5 mM	0.1867 mL	0.9334 mL	1.8668 mL
10 mM	0.0933 mL	0.4667 mL	0.9334 mL
50 mM	0.0187 mL	0.0933 mL	0.1867 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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