

PC-Biotin-PEG4-NHS carbonate

Chemical Properties

CAS No. : 2055198-03-1

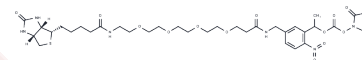
Formula: C₃₅H₅₀N₆O₁₄S

Molecular Weight: 810.87

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	PC-Biotin-PEG4-NHS carbonate, a polyethylene glycol (PEG) derived linker, is utilized in the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one binding to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2332 mL	6.1662 mL	12.3324 mL
5 mM	0.2466 mL	1.2332 mL	2.4665 mL
10 mM	0.1233 mL	0.6166 mL	1.2332 mL
50 mM	0.0247 mL	0.1233 mL	0.2466 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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