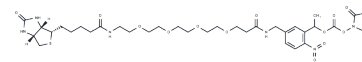


PC-Biotin-PEG4-NHS carbonate

Chemical Properties

CAS No. :	2055198-03-1
Formula:	C35H50N6O14S
Molecular Weight:	810.87
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	PC-Biotin-PEG4-NHS carbonate is a polyethylene glycol (PEG) derived linker employed for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit 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.

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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