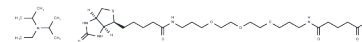


Biotinyl-NH-PEG3-C3-amido-C3-COOH (DIPEA)

Chemical Properties

CAS No. :	1205744-09-7
Formula:	C33H63N5O8S
Molecular Weight:	689.95
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	Biotinyl-NH-PEG3-C3-amido-C3-COOH (DIPEA) is a polyethylene glycol (PEG)-based PROTAC linker used in the synthesis of proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other targeting the protein of interest—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4494 mL	7.2469 mL	14.4938 mL
5 mM	0.2899 mL	1.4494 mL	2.8988 mL
10 mM	0.1449 mL	0.7247 mL	1.4494 mL
50 mM	0.029 mL	0.1449 mL	0.2899 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481