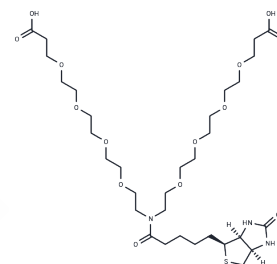


N-Biotin-N-bis(PEG4-acid)

Chemical Properties

CAS No. :	1964503-35-2
Formula:	C32H57N3O14S
Molecular Weight:	739.88
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-N-bis(PEG4-acid) is a polyethylene glycol (PEG) derived PROTAC linker used for the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3516 mL	6.7579 mL	13.5157 mL
5 mM	0.2703 mL	1.3516 mL	2.7031 mL
10 mM	0.1352 mL	0.6758 mL	1.3516 mL
50 mM	0.027 mL	0.1352 mL	0.2703 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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