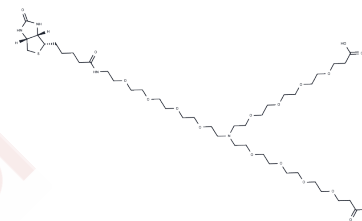


N-(Biotin-PEG4)-N-bis(PEG4-acid)

Chemical Properties

CAS No. :	2112731-48-1
Formula:	C42H78N4O18S
Molecular Weight:	959.15
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-acid) is a polyethylene glycol (PEG)-based linker molecule used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0426 mL	5.2129 mL	10.4259 mL
5 mM	0.2085 mL	1.0426 mL	2.0852 mL
10 mM	0.1043 mL	0.5213 mL	1.0426 mL
50 mM	0.0209 mL	0.1043 mL	0.2085 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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