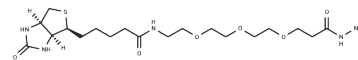


Biotin-PEG3-propionic hydrazide

Chemical Properties

CAS No. : 1381861-94-4
Formula: C₁₉H₃₅N₅O₆S
Molecular Weight: 461.58
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Biotin-PEG3-propionic hydrazide is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1665 mL	10.8324 mL	21.6647 mL
5 mM	0.4333 mL	2.1665 mL	4.3329 mL
10 mM	0.2166 mL	1.0832 mL	2.1665 mL
50 mM	0.0433 mL	0.2166 mL	0.4333 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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