Data Sheet (Cat.No.T14610)

TargetMol®
YOUR TARGET MOLECULES

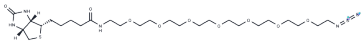
Biotin-PEG7-azide

Chemical Properties

CAS No. : 1334172-75-6

Formula: C26H48N6O9S

Molecular Weight: 620.76



Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Biotin-PEG7-azide 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	1.6109 mL	8.0546 mL	16.1093 mL
5 mM	0.3222 mL	1.6109 mL	3.2219 mL
10 mM	0.1611 mL	0.8055 mL	1.6109 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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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