

Diazo Biotin-PEG3-alkyne

Chemical Properties

CAS No. : 1884349-58-9

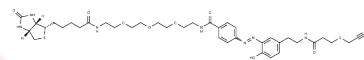
Formula: C₃₉H₅₃N₇O₉S

Molecular Weight: 795.95

Store at low temperature

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Diazo Biotin-PEG3-alkyne is a polyethylene glycol (PEG)-based linker designed specifically for the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2564 mL	6.2818 mL	12.5636 mL
5 mM	0.2513 mL	1.2564 mL	2.5127 mL
10 mM	0.1256 mL	0.6282 mL	1.2564 mL
50 mM	0.0251 mL	0.1256 mL	0.2513 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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