

## Diazo Biotin-PEG3-azide

## Chemical Properties

CAS No. : 1339202-33-3

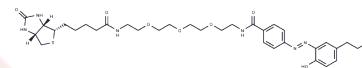
Formula: C33H45N9O7S

Molecular Weight: 711.83

Keep away from direct sunlight

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-azide, a PEG-based PROTAC linker, is utilized in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binding to an E3 ubiquitin ligase and the other to a target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4048 mL	7.0241 mL	14.0483 mL
5 mM	0.281 mL	1.4048 mL	2.8097 mL
10 mM	0.1405 mL	0.7024 mL	1.4048 mL
50 mM	0.0281 mL	0.1405 mL	0.281 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

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