

Biotin-PEG10-azide

Chemical Properties

CAS No. :	1628165-01-4
Formula:	C32H60N6O12S
Molecular Weight:	752.92
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	Biotin-PEG10-azide (Biotin-PEG10-N3) is a PEG derivative that integrates biotin, 10 PEG units, and an azide group. Biotin can form a stable, non-covalent bond with streptavidin. The azide group allows for copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups and enables strain-promoted azide-alkyne cycloaddition (SPAAC) with DBCO or BCN group-containing molecules.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3282 mL	6.6408 mL	13.2816 mL
5 mM	0.2656 mL	1.3282 mL	2.6563 mL
10 mM	0.1328 mL	0.6641 mL	1.3282 mL
50 mM	0.0266 mL	0.1328 mL	0.2656 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.

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