

LCL-PEG3-N3

Chemical Properties

CAS No. : 3033849-90-7

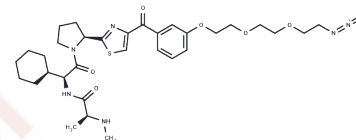
Formula: C32H45N7O6S

Molecular Weight: 655.81

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	LCL-PEG3-N3 is a bait oligonucleotide E3 ligase ligand used for developing chimeric molecules like LCL-ER(dec) to degrade estrogen receptors. As a click chemistry reagent, it includes an Azide group that can participate in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing Alkyne groups. Additionally, it can engage in strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules that possess DBCO or BCN groups.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5248 mL	7.6242 mL	15.2483 mL
5 mM	0.305 mL	1.5248 mL	3.0497 mL
10 mM	0.1525 mL	0.7624 mL	1.5248 mL
50 mM	0.0305 mL	0.1525 mL	0.305 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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