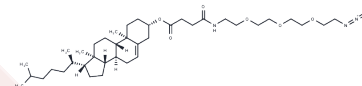


Cholesterol-PEG3-azide

Chemical Properties

CAS No. :	1459756-73-0
Formula:	C39H66N4O6
Molecular Weight:	686.96
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	Cholesterol-PEG3-azide is a PEG derivative consisting of cholesterol, three PEG units, and an azide group (azide). It contains an azide group that can participate in a copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules possessing an alkyne group. Additionally, it can undergo a strain-promoted azide-alkyne cycloaddition reaction (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4557 mL	7.2784 mL	14.5569 mL
5 mM	0.2911 mL	1.4557 mL	2.9114 mL
10 mM	0.1456 mL	0.7278 mL	1.4557 mL
50 mM	0.0291 mL	0.1456 mL	0.2911 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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