

## LG-PEG10-click-DBCO-Oleic

## Chemical Properties

CAS No. :

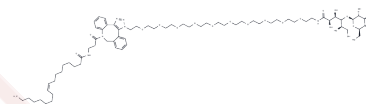
Formula: C70H114N6O23

Molecular Weight: 1407.68

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	LG-PEG10-click-DBCO-Oleic is a polyethylene glycol (PEG) derivative used as a linker in the synthesis of Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7104 mL	3.5519 mL	7.1039 mL
5 mM	0.1421 mL	0.7104 mL	1.4208 mL
10 mM	0.071 mL	0.3552 mL	0.7104 mL
50 mM	0.0142 mL	0.071 mL	0.1421 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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