

LG-PEG10-click-DBCO-Oleic

Chemical Properties

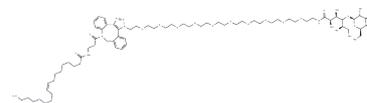
CAS No. :

Formula: C70H114N6O23

Molecular Weight: 1407.68

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LG-PEG10-click-DBCO-Oleic is a polyethylene glycol (PEG) derivative utilized as a linker in the creation of Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit 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.

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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