

Biotin-PEG4-PC-PEG4-alkyne

Chemical Properties

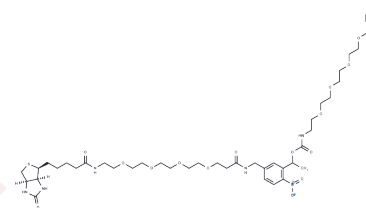
CAS No. :

Formula: C42H66N6O15S

Molecular Weight: 927.07

Appearance: no data available

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



Biological Description

Description	Biotin-PEG4-PC-PEG4-alkyne is a polyethylene glycol (PEG)-based proteolysis targeting chimera (PROTAC) linker utilized in the synthesis of 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	1.0787 mL	5.3933 mL	10.7867 mL
5 mM	0.2157 mL	1.0787 mL	2.1573 mL
10 mM	0.1079 mL	0.5393 mL	1.0787 mL
50 mM	0.0216 mL	0.1079 mL	0.2157 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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