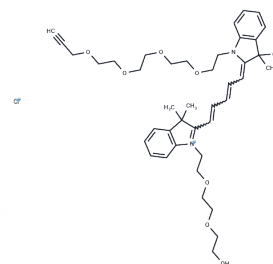


N-PEG3-N'-(propargyl-PEG4)-Cy5

Chemical Properties

CAS No. :	2107273-06-1
Formula:	C42H57ClN2O7
Molecular Weight:	737.36
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	N-PEG3-N'-(propargyl-PEG4)-Cy5 is a polyethylene glycol (PEG)-derived linker used in the fabrication of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprised of two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3562 mL	6.7809 mL	13.5619 mL
5 mM	0.2712 mL	1.3562 mL	2.7124 mL
10 mM	0.1356 mL	0.6781 mL	1.3562 mL
50 mM	0.0271 mL	0.1356 mL	0.2712 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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