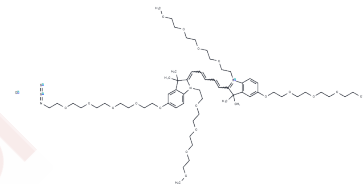


## N-(m-PEG4)-N'-(m-PEG4)-O-(m-PEG4)-O'-(azide-PEG4)-Cy5

## Chemical Properties

CAS No. :	2107273-58-3
Formula:	C62H100ClN5O18
Molecular Weight:	1238.93
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	N-(m-PEG4)-N'-(m-PEG4)-O-(m-PEG4)-O'-(azide-PEG4)-Cy5 is a polyethylene glycol (PEG) derived linker compound used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8071 mL	4.0357 mL	8.0715 mL
5 mM	0.1614 mL	0.8071 mL	1.6143 mL
10 mM	0.0807 mL	0.4036 mL	0.8071 mL
50 mM	0.0161 mL	0.0807 mL	0.1614 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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