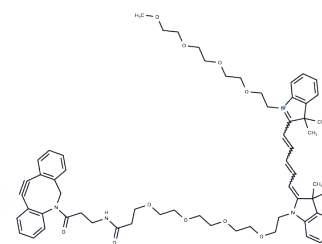


## N-(m-PEG4)-N'-(DBCO-PEG4)-Cy5

## Chemical Properties

CAS No. :	2107273-76-5
Formula:	C63H79ClN4O10
Molecular Weight:	1087.78
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'-(DBCO-PEG4)-Cy5 is a polyethylene glycol-based linker used 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 targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9193 mL	4.5965 mL	9.193 mL
5 mM	0.1839 mL	0.9193 mL	1.8386 mL
10 mM	0.0919 mL	0.4597 mL	0.9193 mL
50 mM	0.0184 mL	0.0919 mL	0.1839 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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