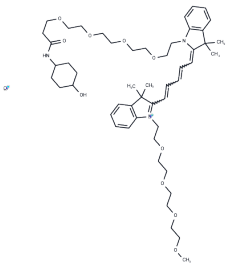
Data Sheet (Cat.No.T18420)

TargetMol

N-(m-PEG4)-N'-(4-Hydroxycyclohexyl-1-amido-PEG4)-Cy5

Chemical Properties



CAS No. : 2107273-72-1

Formula: C51H76ClN3O10

Molecular Weight: 926.62

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	N-(m-PEG4)-N'-(4-Hydroxycyclohexyl-1-amido-PEG4)-Cy5 is a polyethylene glycol (PEG) -based linker compound primarily used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0792 mL	5.396 mL	10.7919 mL
5 mM	0.2158 mL	1.0792 mL	2.1584 mL
10 mM	0.1079 mL	0.5396 mL	1.0792 mL
50 mM	0.0216 mL	0.1079 mL	0.2158 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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