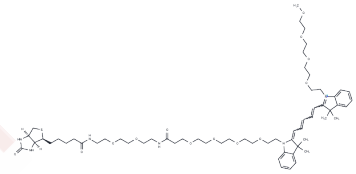
Data Sheet (Cat.No.T18426)

TargetMol

N-(m-PEG4)-N'-(Biotin-PEG2-amido-PEG4)-Cy5

Chemical Properties



CAS No. : 2107273-78-7

Formula: C61H93ClN6O13S

Molecular Weight: 1185.95

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'-(Biotin-PEG2-amido-PEG4)-Cy5 is a polyethylene glycol (PEG) derived linker commonly used in PROTAC synthesis [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 specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8432 mL	4.216 mL	8.4321 mL
5 mM	0.1686 mL	0.8432 mL	1.6864 mL
10 mM	0.0843 mL	0.4216 mL	0.8432 mL
50 mM	0.0169 mL	0.0843 mL	0.1686 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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