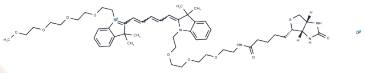
Data Sheet (Cat.No.T18427)

TargetMol

N-(m-PEG4)-N'-(biotin-PEG3)-Cy5

Chemical Properties



CAS No. : 2107273-68-5

Formula: C52H76ClN5O9S

Molecular Weight: 982.71

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-PEG3)-Cy5, a PEG-based PROTAC linker, serves as a valuable component in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to a target protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0176 mL	5.088 mL	10.1759 mL
5 mM	0.2035 mL	1.0176 mL	2.0352 mL
10 mM	0.1018 mL	0.5088 mL	1.0176 mL
50 mM	0.0204 mL	0.1018 mL	0.2035 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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