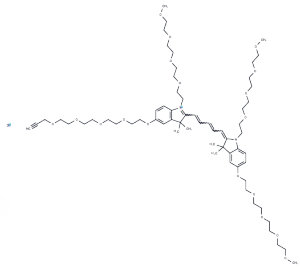
Data Sheet (Cat.No.T18432)

TargetMol

N-(m-PEG4)-N'-(m-PEG4)-O-(m-PEG4)-O'-(propargyl-PEG4)-Cy5

Chemical Properties



CAS No. : 2107273-54-9

Formula: C63H99ClN2O18

Molecular Weight: 1207.92

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'-(m-PEG4)-O-(m-PEG4)-O'-(propargyl-PEG4)-Cy5 is a PEG-based PROTAC linker, assisting in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two distinct ligands linked together, facilitate the selective degradation of target proteins by harnessing the intracellular ubiquitin-proteasome system. One ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8279 mL	4.1393 mL	8.2787 mL
5 mM	0.1656 mL	0.8279 mL	1.6557 mL
10 mM	0.0828 mL	0.4139 mL	0.8279 mL
50 mM	0.0166 mL	0.0828 mL	0.1656 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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