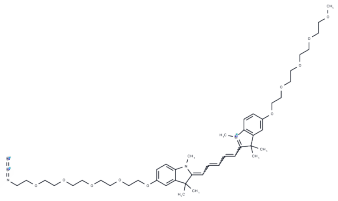
Data Sheet (Cat.No.T18449)

TargetMol

N-methyl-N'-methyl-O-(m-PEG4)-O'-(azide-PEG4)-Cy5

Chemical Properties



CAS No. : 2107273-56-1

Formula: C46H68ClN5O10

Molecular Weight: 886.51

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-methyl-N'-methyl-O-(m-PEG4)-O'-(azide-PEG4)-Cy5 is a PEG-based linker compound employed in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins (Figure S16)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.128 mL	5.6401 mL	11.2802 mL
5 mM	0.2256 mL	1.128 mL	2.256 mL
10 mM	0.1128 mL	0.564 mL	1.128 mL
50 mM	0.0226 mL	0.1128 mL	0.2256 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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