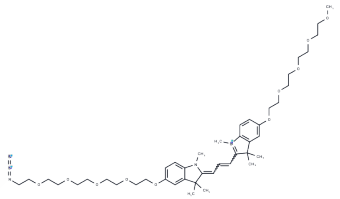
Data Sheet (Cat.No.T18448)

TargetMol

N-Methyl-N'-methyl-O-(m-PEG4)-O'-(azide-PEG4)-Cy3

Chemical Properties



CAS No. : 2107273-64-1

Formula: C44H66ClN5O10

Molecular Weight: 860.48

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)-Cy3 is a polyethylene glycol (PEG) based linker commonly used in the synthesis of Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two distinct ligands connected by a linker–one for an E3 ubiquitin ligase and the other for the target protein–utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1621 mL	5.8107 mL	11.6214 mL
5 mM	0.2324 mL	1.1621 mL	2.3243 mL
10 mM	0.1162 mL	0.5811 mL	1.1621 mL
50 mM	0.0232 mL	0.1162 mL	0.2324 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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