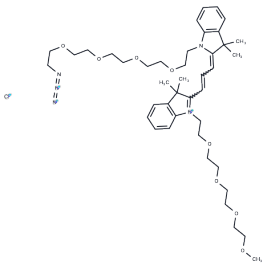
Data Sheet (Cat.No.T18424)

TargetMol

N-(m-PEG4)-N'-(azide-PEG4)-Cy3

Chemical Properties



CAS No. : 2107273-38-9

Formula: C42H62ClN5O8

Molecular Weight: 800.42

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'-(azide-PEG4)-Cy3 is a polyethylene glycol (PEG)-derived linker, specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2493 mL	6.2467 mL	12.4934 mL
5 mM	0.2499 mL	1.2493 mL	2.4987 mL
10 mM	0.1249 mL	0.6247 mL	1.2493 mL
50 mM	0.025 mL	0.1249 mL	0.2499 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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