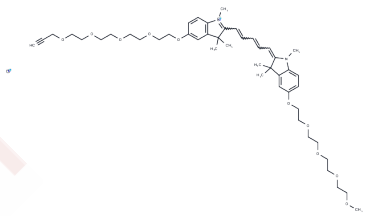
Data Sheet (Cat.No.T18451)

TargetMol

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

Chemical Properties



CAS No. : 2107273-50-5

Formula: C47H67ClN2O10

Molecular Weight: 855.5

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'-(propargyl-PEG4)-Cy5 is a polyethylene glycol (PEG)-based linker commonly used in synthesizing proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed 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	1.1689 mL	5.8445 mL	11.6891 mL
5 mM	0.2338 mL	1.1689 mL	2.3378 mL
10 mM	0.1169 mL	0.5845 mL	1.1689 mL
50 mM	0.0234 mL	0.1169 mL	0.2338 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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