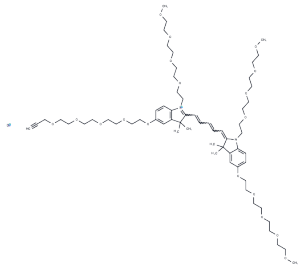
Data Sheet (Cat.No.T18432)

TargetMol®
YOUR TARGET MOLECULES

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
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	N-(m-PEG4)-N'-(m-PEG4)-O-(m-PEG4)-O'-(propargyl-PEG4)-Cy5 serves as a PEG-based PROTAC linker, facilitating the synthesis of PROTACs[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[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.

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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