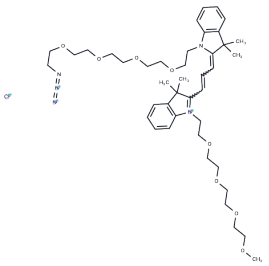
Data Sheet (Cat.No.T18424)

TargetMol
YOUR TARGET MOLECULES

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

Chemical Properties



CAS No. : 2107273-38-9

Formula: C42H62ClN5O8

Molecular Weight: 800.42

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'-(azide-PEG4)-Cy3 is a polyethylene glycol (PEG)-derived linker, specifically designed for the synthesis of proteolysis targeting chimeras (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	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.

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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