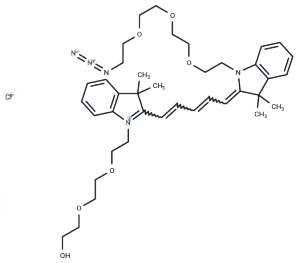
Data Sheet (Cat.No.T18460)

TargetMol

N-PEG3-N'-(azide-PEG3)-Cy5

Chemical Properties



CAS No. : 2226235-96-5

Formula: C39H54ClN5O6

Molecular Weight: 724.33

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-PEG3-N'-(azide-PEG3)-Cy5 (chloride) is a polyethylene glycol (PEG) derivative functioning as a PROTAC linker, essential for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3806 mL	6.9029 mL	13.8059 mL
5 mM	0.2761 mL	1.3806 mL	2.7612 mL
10 mM	0.1381 mL	0.6903 mL	1.3806 mL
50 mM	0.0276 mL	0.1381 mL	0.2761 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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