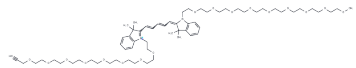
Data Sheet (Cat.No.T18439)

TargetMol

N-(m-PEG9)-N'-(propargyl-PEG8)-Cy5

Chemical Properties



CAS No. : 2107273-10-7

Formula: C63H99ClN2O17

Molecular Weight: 1191.92

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-PEG9)-N'-(propargyl-PEG8)-Cy5 is a polyethylene glycol (PEG)-based PROTAC linker designed for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands linked together: one binding to an E3 ubiquitin ligase and the other to a target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.839 mL	4.1949 mL	8.3898 mL
5 mM	0.1678 mL	0.839 mL	1.678 mL
10 mM	0.0839 mL	0.4195 mL	0.839 mL
50 mM	0.0168 mL	0.0839 mL	0.1678 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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