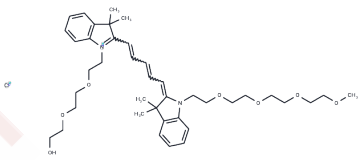
Data Sheet (Cat.No.T18429)

TargetMol

N-(m-PEG4)-N'-(hydroxy-PEG2)-Cy5

Chemical Properties



CAS No. : 2107273-12-9

Formula: C40H57ClN2O7

Molecular Weight: 713.34

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-PEG4)-N'-(hydroxy-PEG2)-Cy5 is a polyethylene glycol (PEG)-based linker utilized in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4019 mL	7.0093 mL	14.0186 mL
5 mM	0.2804 mL	1.4019 mL	2.8037 mL
10 mM	0.1402 mL	0.7009 mL	1.4019 mL
50 mM	0.028 mL	0.1402 mL	0.2804 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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