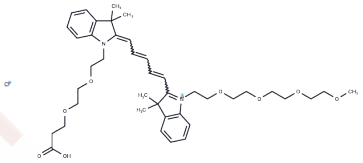
Data Sheet (Cat.No.T18433)

TargetMol

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

Chemical Properties



CAS No. : 2107273-24-3

Formula: C41H57ClN2O8

Molecular Weight: 741.35

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'-(PEG2-acid)-Cy5 is a polyethylene glycol (PEG)-derived linker compound utilized in the synthesis of Proteolysis Targeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3489 mL	6.7445 mL	13.4889 mL
5 mM	0.2698 mL	1.3489 mL	2.6978 mL
10 mM	0.1349 mL	0.6744 mL	1.3489 mL
50 mM	0.027 mL	0.1349 mL	0.2698 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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