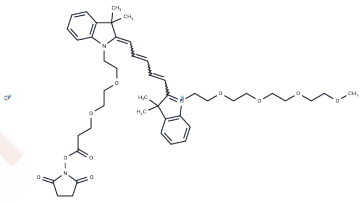
Data Sheet (Cat.No.T18434)

TargetMol

N-(m-PEG4)-N'-(PEG2-NHS ester)-Cy5

Chemical Properties



CAS No. : 2107273-28-7

Formula: C45H60ClN3O10

Molecular Weight: 838.43

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-NHS ester)-Cy5 is a polyethylene glycol (PEG) based PROTAC linker used for PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two ligands connected by a linker—one binds to an E3 ubiquitin ligase while the other binds to the target protein—exploiting the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1927 mL	5.9635 mL	11.9271 mL
5 mM	0.2385 mL	1.1927 mL	2.3854 mL
10 mM	0.1193 mL	0.5964 mL	1.1927 mL
50 mM	0.0239 mL	0.1193 mL	0.2385 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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