

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

Chemical Properties

CAS No. :

Formula: C45H65ClN2O10

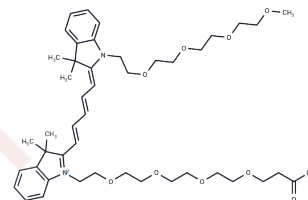
Molecular Weight: 829.46

Keep away from direct sunlight

Storage:

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'-(PEG4-acid)-Cy5 is a polyethylene glycol (PEG)-based PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other targets the specific protein. By utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade the target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2056 mL	6.028 mL	12.056 mL
5 mM	0.2411 mL	1.2056 mL	2.4112 mL
10 mM	0.1206 mL	0.6028 mL	1.2056 mL
50 mM	0.0241 mL	0.1206 mL	0.2411 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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