

N-(m-PEG4)-N'-(amino-PEG3)-Cy5

Chemical Properties

CAS No. : 2107272-96-6

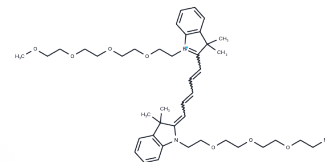
Formula: C42H62ClN3O7

Molecular Weight: 756.41

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'-(amino-PEG3)-Cy5 is a polyethylene glycol (PEG)-based linker compound used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.322 mL	6.6102 mL	13.2203 mL
5 mM	0.2644 mL	1.322 mL	2.6441 mL
10 mM	0.1322 mL	0.661 mL	1.322 mL
50 mM	0.0264 mL	0.1322 mL	0.2644 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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