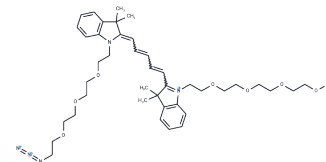


N-(m-PEG4)-N'-(azide-PEG3)-Cy5

Chemical Properties

CAS No. :	2107273-02-7
Formula:	C42H60ClN5O7
Molecular Weight:	782.41
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(m-PEG4)-N'-(azide-PEG3)-Cy5 is a polyethylene glycol (PEG)-based linker used in the synthesis of protein degraders, known as PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together—one for the E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2781 mL	6.3905 mL	12.781 mL
5 mM	0.2556 mL	1.2781 mL	2.5562 mL
10 mM	0.1278 mL	0.6391 mL	1.2781 mL
50 mM	0.0256 mL	0.1278 mL	0.2556 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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