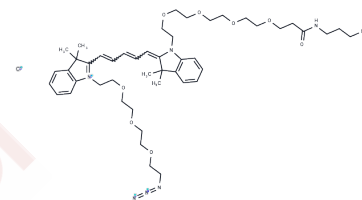


N-(azide-PEG3)-N'-(Amine-C3-Amide-PEG4)-Cy5

Chemical Properties

CAS No. :	2107273-70-9
Formula:	C47H70ClN7O8
Molecular Weight:	896.55
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-(azide-PEG3)-N'-(Amine-C3-Amide-PEG4)-Cy5 is a polyethylene glycol (PEG)-based linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other is designed for the specific protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1154 mL	5.5769 mL	11.1539 mL
5 mM	0.2231 mL	1.1154 mL	2.2308 mL
10 mM	0.1115 mL	0.5577 mL	1.1154 mL
50 mM	0.0223 mL	0.1115 mL	0.2231 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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