

N,N'-bis-(azide-PEG3)-Cy5

Chemical Properties

CAS No. : 2107273-46-9

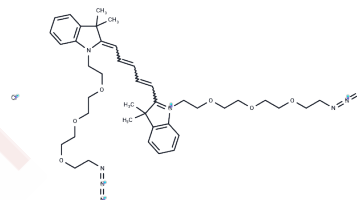
Formula: C41H57ClN8O6

Molecular Weight: 793.39

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	'NN'-bis-(azide-PEG3)-Cy5 is a polyethylene glycol (PEG)-derived linker used for synthesizing proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands—one binding to an E3 ubiquitin ligase and the other to a target protein—connected by a linker. They utilize the intracellular ubiquitin-proteasome system to selectively degrade specific target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2604 mL	6.3021 mL	12.6041 mL
5 mM	0.2521 mL	1.2604 mL	2.5208 mL
10 mM	0.126 mL	0.6302 mL	1.2604 mL
50 mM	0.0252 mL	0.126 mL	0.2521 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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