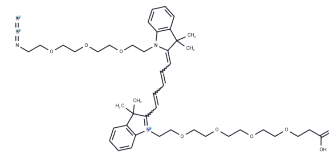


N-(Azide-PEG3)-N'-(PEG4-acid)-Cy5

Chemical Properties

CAS No. :	2107273-42-5
Formula:	C44H62ClN5O9
Molecular Weight:	840.44
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'-(PEG4-acid)-Cy5 is a PEG-based PROTAC linker used in the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds comprising two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase and the other targets the desired protein. They utilize the ubiquitin-proteasome system within cells to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1899 mL	5.9493 mL	11.8985 mL
5 mM	0.238 mL	1.1899 mL	2.3797 mL
10 mM	0.119 mL	0.5949 mL	1.1899 mL
50 mM	0.0238 mL	0.119 mL	0.238 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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