

N-Hydroxypropyl-N'-(azide-PEG3)-Cy3

Chemical Properties

CAS No. :

Formula: C₃₄H₄₆ClN₅O₄

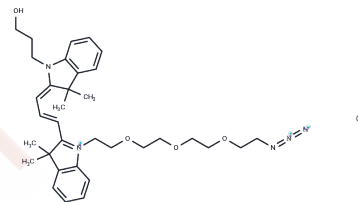
Molecular Weight: 624.21

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-Hydroxypropyl-N'-(azide-PEG3)-Cy3 is a polyethylene glycol (PEG)-based linker, specifically designed for the synthesis of proteolysis targeting chimeras (PROTACs) [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 targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.602 mL	8.0101 mL	16.0202 mL
5 mM	0.3204 mL	1.602 mL	3.204 mL
10 mM	0.1602 mL	0.801 mL	1.602 mL
50 mM	0.032 mL	0.1602 mL	0.3204 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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