

## N-Methyl-N'-(azido-PEG2-C5)-Cy5

## Chemical Properties

CAS No. :

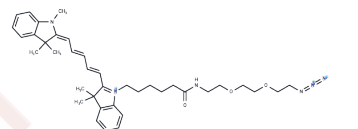
Formula: C<sub>38</sub>H<sub>51</sub>ClN<sub>6</sub>O<sub>3</sub>

Molecular Weight: 675.3

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-Methyl-N'-(azido-PEG2-C5)-Cy5 is a polyethylene glycol (PEG)-based linker with an azide functionality, primarily used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade the target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4808 mL	7.4041 mL	14.8082 mL
5 mM	0.2962 mL	1.4808 mL	2.9616 mL
10 mM	0.1481 mL	0.7404 mL	1.4808 mL
50 mM	0.0296 mL	0.1481 mL	0.2962 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

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