

N-Methyl-N'-(hydroxy-PEG2)-Cy5

Chemical Properties

CAS No. : 2107273-22-1

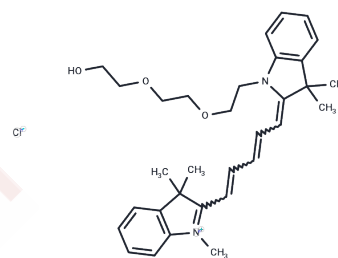
Formula: C32H41ClN2O3

Molecular Weight: 537.13

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'-(hydroxy-PEG2)-Cy5 is a PEG-based linker used in the synthesis of PROTACs, acting as a chemical compound that facilitates PROTAC formation [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one binds to an E3 ubiquitin ligase, and the other to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8617 mL	9.3087 mL	18.6175 mL
5 mM	0.3723 mL	1.8617 mL	3.7235 mL
10 mM	0.1862 mL	0.9309 mL	1.8617 mL
50 mM	0.0372 mL	0.1862 mL	0.3723 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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