

N-(m-PEG4)-N'-hydroxypropyl-Cy5

Chemical Properties

CAS No. : 2107273-20-9

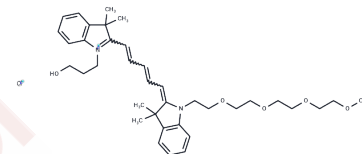
Formula: C₃₇H₅₁ClN₂O₅

Molecular Weight: 639.26

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-(m-PEG4)-N'-hydroxypropyl-Cy5 is a polyethylene glycol (PEG)-based linker utilized in PROTACs synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by connecting two different ligands with a linker: one targeting an E3 ubiquitin ligase and the other the target protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5643 mL	7.8215 mL	15.6431 mL
5 mM	0.3129 mL	1.5643 mL	3.1286 mL
10 mM	0.1564 mL	0.7822 mL	1.5643 mL
50 mM	0.0313 mL	0.1564 mL	0.3129 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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