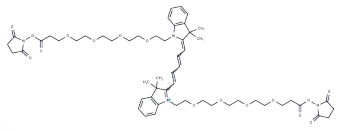
Data Sheet (Cat.No.T17610)

TargetMol

Bis-(N,N'-PEG4-NHS ester)-Cy5

Chemical Properties



CAS No. : 2107273-48-1

Formula: C55H73ClN4O16

Molecular Weight: 1081.64

Storage: Keep away from direct sunlight
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	Bis-(N,N'-PEG4-NHS ester)-Cy5 is an alkyl/ether-based linker compound used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They harness the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9245 mL	4.6226 mL	9.2452 mL
5 mM	0.1849 mL	0.9245 mL	1.849 mL
10 mM	0.0925 mL	0.4623 mL	0.9245 mL
50 mM	0.0185 mL	0.0925 mL	0.1849 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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