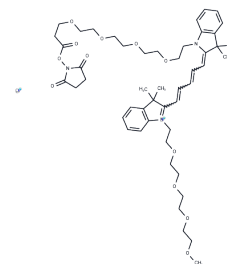


N-(m-PEG4)-N'-(PEG4-NHS ester)-Cy5

Chemical Properties

CAS No. :	2107273-30-1
Formula:	C49H68ClN3O12
Molecular Weight:	926.53
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(m-PEG4)-N'-(PEG4-NHS ester)-Cy5 is a polyethylene glycol (PEG)-based linker frequently used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins by comprising two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase and the other targets the protein of interest[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0793 mL	5.3965 mL	10.793 mL
5 mM	0.2159 mL	1.0793 mL	2.1586 mL
10 mM	0.1079 mL	0.5396 mL	1.0793 mL
50 mM	0.0216 mL	0.1079 mL	0.2159 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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