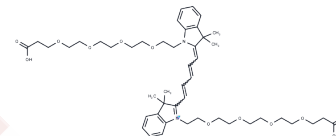


## Bis-(N,N'-carboxyl-PEG4)-Cy5

## Chemical Properties

CAS No. :	2107273-44-7
Formula:	C47H67ClN2O12
Molecular Weight:	887.49
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	Bis-(N,N'-carboxyl-PEG4)-Cy5 is a polyethylene glycol (PEG)-based linker compound used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands linked together—one for E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1268 mL	5.6339 mL	11.2677 mL
5 mM	0.2254 mL	1.1268 mL	2.2535 mL
10 mM	0.1127 mL	0.5634 mL	1.1268 mL
50 mM	0.0225 mL	0.1127 mL	0.2254 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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