

N,N'-bis-(propargyl-PEG4)-Cy5

Chemical Properties

CAS No. : 2107273-08-3

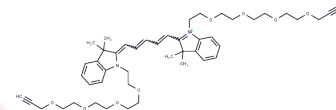
Formula: C47H63ClN2O8

Molecular Weight: 819.47

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,N'-bis-(propargyl-PEG4)-Cy5 (chloride) is a polyethylene glycol (PEG) based PROTAC linker used for synthesizing PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2203 mL	6.1015 mL	12.203 mL
5 mM	0.2441 mL	1.2203 mL	2.4406 mL
10 mM	0.122 mL	0.6102 mL	1.2203 mL
50 mM	0.0244 mL	0.122 mL	0.2441 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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