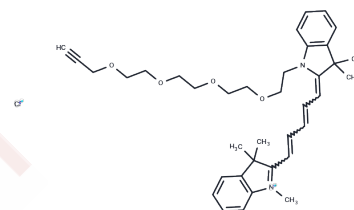


N-methyl-N'-(propargyl-PEG4)-Cy5

Chemical Properties

CAS No. :	2107273-04-9
Formula:	C ₃₇ H ₄₇ ClN ₂ O ₄
Molecular Weight:	619.23
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-methyl-N'-(propargyl-PEG4)-Cy5 (chloride) is a PEG-based PROTAC linker suitable for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands connected by a linker—one for an 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	1.6149 mL	8.0745 mL	16.1491 mL
5 mM	0.323 mL	1.6149 mL	3.2298 mL
10 mM	0.1615 mL	0.8075 mL	1.6149 mL
50 mM	0.0323 mL	0.1615 mL	0.323 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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