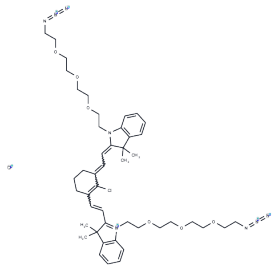
Data Sheet (Cat.No.T18454)

TargetMol

N,N'-bis-(azide-PEG3)-chlorocyclohexenyl Cy7

Chemical Properties



CAS No. : 2107273-84-5

Formula: C46H62Cl2N8O6

Molecular Weight: 893.94

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	N,N'-bis-(azide-PEG3)-chlorocyclohexenyl Cy7 is a polyethylene glycol (PEG) derived linker compound used for constructing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one for an E3 ubiquitin ligase and the other for the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1186 mL	5.5932 mL	11.1864 mL
5 mM	0.2237 mL	1.1186 mL	2.2373 mL
10 mM	0.1119 mL	0.5593 mL	1.1186 mL
50 mM	0.0224 mL	0.1119 mL	0.2237 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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