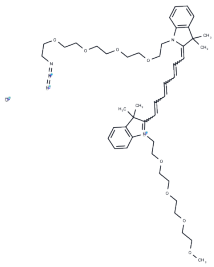
Data Sheet (Cat.No.T18425)

TargetMol

N-(m-PEG4)-N'-(azide-PEG4)-Cy7

Chemical Properties



CAS No. : 2107273-40-3

Formula: C46H66ClN5O8

Molecular Weight: 852.5

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-(m-PEG4)-N'-(azide-PEG4)-Cy7 is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.173 mL	5.8651 mL	11.7302 mL
5 mM	0.2346 mL	1.173 mL	2.346 mL
10 mM	0.1173 mL	0.5865 mL	1.173 mL
50 mM	0.0235 mL	0.1173 mL	0.2346 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481