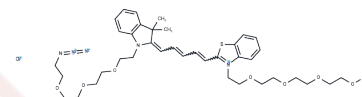


N-(azide-PEG3)-N'-(m-PEG4)-Benzothiazole Cy5

Chemical Properties

CAS No. :	2107273-88-9
Formula:	C39H54ClN5O7S
Molecular Weight:	772.39
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-(azide-PEG3)-N'-(m-PEG4)-Benzothiazole Cy5 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 connected by a linker; one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2947 mL	6.4734 mL	12.9468 mL
5 mM	0.2589 mL	1.2947 mL	2.5894 mL
10 mM	0.1295 mL	0.6473 mL	1.2947 mL
50 mM	0.0259 mL	0.1295 mL	0.2589 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