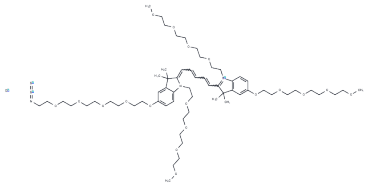
Data Sheet (Cat.No.T18431)

TargetMol
YOUR TARGET MOLECULES

N-(m-PEG4)-N'-(m-PEG4)-O-(m-PEG4)-O'-(azide-PEG4)-Cy5

Chemical Properties



CAS No. : 2107273-58-3

Formula: C62H100ClN5O18

Molecular Weight: 1238.93

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	N-(m-PEG4)-N'-(m-PEG4)-O-(m-PEG4)-O'-(azide-PEG4)-Cy5 is a polyethylene glycol (PEG) derived linker compound employed in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8071 mL	4.0357 mL	8.0715 mL
5 mM	0.1614 mL	0.8071 mL	1.6143 mL
10 mM	0.0807 mL	0.4036 mL	0.8071 mL
50 mM	0.0161 mL	0.0807 mL	0.1614 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.

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481