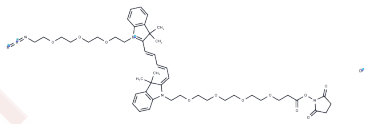
Data Sheet (Cat.No.T18378)

TargetMol

N-(Azide-PEG3)-N'-(PEG4-NHS ester)-Cy5

Chemical Properties



CAS No. :

Formula: C48H65ClN6O11

Molecular Weight: 937.52

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-(Azide-PEG3)-N'-(PEG4-NHS ester)-Cy5 is a polyethylene glycol (PEG)-derived PROTAC linker, used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize a dual-ligand structure connected by a linker, comprising a ligand for an E3 ubiquitin ligase and another for the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0666 mL	5.3332 mL	10.6664 mL
5 mM	0.2133 mL	1.0666 mL	2.1333 mL
10 mM	0.1067 mL	0.5333 mL	1.0666 mL
50 mM	0.0213 mL	0.1067 mL	0.2133 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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