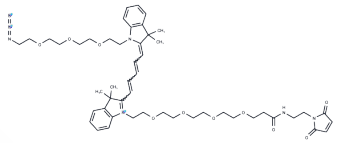
Data Sheet (Cat.No.T18376)

TargetMol

N-(azide-PEG3)-N'-(Mal-PEG4)-Cy5

Chemical Properties



CAS No. : 2107273-74-3

Formula: C50H68ClN7O10

Molecular Weight: 962.57

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'-(Mal-PEG4)-Cy5 is a PEG-based linker used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0389 mL	5.1944 mL	10.3889 mL
5 mM	0.2078 mL	1.0389 mL	2.0778 mL
10 mM	0.1039 mL	0.5194 mL	1.0389 mL
50 mM	0.0208 mL	0.1039 mL	0.2078 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

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