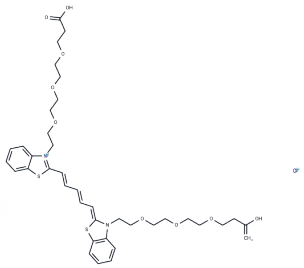
Data Sheet (Cat.No.T18453)

TargetMol

N,N'-bis-(Acid-PEG3)-benzothiazole Cy5

Chemical Properties



CAS No. :

Formula: C38H49ClN2O9S2

Molecular Weight: 777.39

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,N'-bis-(Acid-PEG3)-benzothiazole Cy5 is a polyethylene glycol (PEG)-derived PROTAC linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets the protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2864 mL	6.4318 mL	12.8636 mL
5 mM	0.2573 mL	1.2864 mL	2.5727 mL
10 mM	0.1286 mL	0.6432 mL	1.2864 mL
50 mM	0.0257 mL	0.1286 mL	0.2573 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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