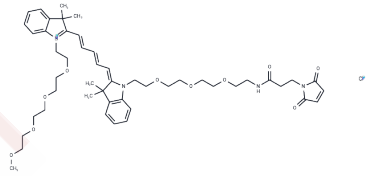
Data Sheet (Cat.No.T18435)

TargetMol

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

Chemical Properties



CAS No. :

Formula: C49H67ClN4O10

Molecular Weight: 907.53

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	The compound N-(m-PEG4)-N'-(PEG3-Mal)-Cy5 is a PEG-based PROTAC linker utilized for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector, with one ligand targeting an E3 ubiquitin ligase and the other targeting a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1019 mL	5.5095 mL	11.0189 mL
5 mM	0.2204 mL	1.1019 mL	2.2038 mL
10 mM	0.1102 mL	0.5509 mL	1.1019 mL
50 mM	0.022 mL	0.1102 mL	0.2204 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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