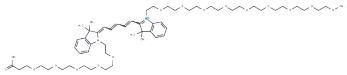
Data Sheet (Cat.No.T18438)

TargetMol
YOUR TARGET MOLECULES

N-(m-PEG9)-N'-(PEG5-acid)-Cy5

Chemical Properties



CAS No. : 2107273-26-5

Formula: C57H89ClN2O16

Molecular Weight: 1093.77

Appearance: no data available

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

Biological Description

Description	N-(m-PEG9)-N'-(PEG5-acid)-Cy5 is a PEG-based PROTAC linker employed for the synthesis of 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	0.9143 mL	4.5713 mL	9.1427 mL
5 mM	0.1829 mL	0.9143 mL	1.8285 mL
10 mM	0.0914 mL	0.4571 mL	0.9143 mL
50 mM	0.0183 mL	0.0914 mL	0.1829 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.

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