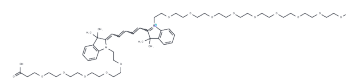


N-(m-PEG9)-N'-(PEG5-acid)-Cy5

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 2107273-26-5 |
| Formula: | C57H89ClN2O16 |
| Molecular Weight: | 1093.77 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | N-(m-PEG9)-N'-(PEG5-acid)-Cy5 is a PEG-based PROTAC linker used for synthesizing PROTACs[1]. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs consist of two ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other targets a specific protein. They harness 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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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