

## Cy5-PEG4-acid

## Chemical Properties

CAS No. :

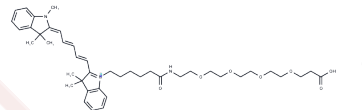
Formula: C43H60ClN3O7

Molecular Weight: 766.41

Keep away from direct sunlight

Storage: 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	Cy5-PEG4-acid (chloride) serves as a PEG-based PROTAC linker, suitable for synthesizing PROTACs[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 a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3048 mL	6.5239 mL	13.0478 mL
5 mM	0.261 mL	1.3048 mL	2.6096 mL
10 mM	0.1305 mL	0.6524 mL	1.3048 mL
50 mM	0.0261 mL	0.1305 mL	0.261 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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