

## Cy5-PEG6-NHS ester

## Chemical Properties

CAS No. :

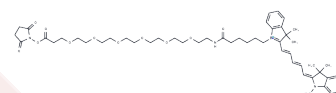
Formula: C<sub>51</sub>H<sub>71</sub>ClN<sub>4</sub>O<sub>11</sub>

Molecular Weight: 951.58

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-PEG6-NHS ester (chloride) is a PEG-based PROTAC linker utilized for PROTACs[1] synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0509 mL	5.2544 mL	10.5088 mL
5 mM	0.2102 mL	1.0509 mL	2.1018 mL
10 mM	0.1051 mL	0.5254 mL	1.0509 mL
50 mM	0.021 mL	0.1051 mL	0.2102 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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