

Fluorescein-PEG6-NHS ester

Chemical Properties

CAS No. : 1818294-35-7

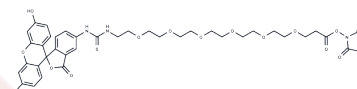
Formula: C40H45N3O15S

Molecular Weight: 839.86

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	Fluorescein-PEG6-NHS ester is a polyethylene glycol (PEG)-derived proteolysis targeting chimera (PROTAC) linker used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. By leveraging the intracellular ubiquitin-proteasome system, PROTACs achieve selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1907 mL	5.9534 mL	11.9067 mL
5 mM	0.2381 mL	1.1907 mL	2.3813 mL
10 mM	0.1191 mL	0.5953 mL	1.1907 mL
50 mM	0.0238 mL	0.1191 mL	0.2381 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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