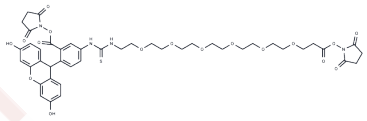
Data Sheet (Cat.No.T15295)

TargetMol

Fluorescein-PEG6-bis-NHS ester

Chemical Properties



CAS No. : 2055105-59-2

Formula: C44H50N4O17S

Molecular Weight: 938.95

Storage: Keep away from direct sunlight
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-bis-NHS ester, a polyethylene glycol (PEG)-based linker, is utilized in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.065 mL	5.3251 mL	10.6502 mL
5 mM	0.213 mL	1.065 mL	2.130 mL
10 mM	0.1065 mL	0.5325 mL	1.065 mL
50 mM	0.0213 mL	0.1065 mL	0.213 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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