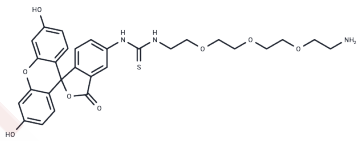
Data Sheet (Cat.No.T15291)

TargetMol

Fluorescein-PEG3-amine

Chemical Properties



CAS No. : 1807539-04-3

Formula: C29H31N3O8S

Molecular Weight: 581.64

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-PEG3-amine is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two 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 facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7193 mL	8.5964 mL	17.1928 mL
5 mM	0.3439 mL	1.7193 mL	3.4386 mL
10 mM	0.1719 mL	0.8596 mL	1.7193 mL
50 mM	0.0344 mL	0.1719 mL	0.3439 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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