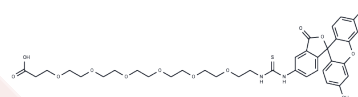


Fluorescein-thiourea-PEG6-acid

Chemical Properties

CAS No. :	2055014-69-0
Formula:	C ₃₆ H ₄₂ N ₂ O ₁₃ S
Molecular Weight:	742.79
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Fluorescein-thiourea-PEG6-acid is a polyethylene glycol (PEG) derived linker frequently used 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, and the other targets a protein of interest. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3463 mL	6.7314 mL	13.4628 mL
5 mM	0.2693 mL	1.3463 mL	2.6926 mL
10 mM	0.1346 mL	0.6731 mL	1.3463 mL
50 mM	0.0269 mL	0.1346 mL	0.2693 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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