

Fluorescein-thiourea-PEG2-azide

Chemical Properties

CAS No. : 1146195-72-3

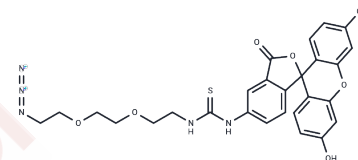
Formula: C₂₇H₂₅N₅O₇S

Molecular Weight: 563.58

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	Fluorescein-thiourea-PEG2-azide is a PEG-derived linker commonly used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targeting an E3 ubiquitin ligase and the other the target protein. They utilize the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7744 mL	8.8719 mL	17.7437 mL
5 mM	0.3549 mL	1.7744 mL	3.5487 mL
10 mM	0.1774 mL	0.8872 mL	1.7744 mL
50 mM	0.0355 mL	0.1774 mL	0.3549 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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