

(2-Pyridyldithio)-PEG2-Boc

Chemical Properties

CAS No. : 2144777-73-9

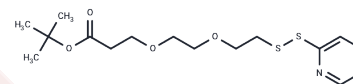
Formula: C₁₆H₂₅NO₄S₂

Molecular Weight: 359.5

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	(2-Pyridyldithio)-PEG2-Boc is a polyethylene glycol-based PROTAC linker used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one for an E3 ubiquitin ligase and the other for the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7816 mL	13.9082 mL	27.8164 mL
5 mM	0.5563 mL	2.7816 mL	5.5633 mL
10 mM	0.2782 mL	1.3908 mL	2.7816 mL
50 mM	0.0556 mL	0.2782 mL	0.5563 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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