

Thalidomide-5-(PEG2-amine)

Chemical Properties

CAS No. : 2550398-08-6

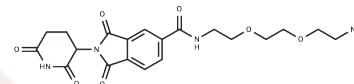
Formula: C₂₀H₂₄N₄O₇

Molecular Weight: 432.427

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	Thalidomide-5-(PEG2-amine) is a Thalidomide analogue that includes an E3 ligase ligand substituted with a terminal amine group. The amine group can react with NHS esters or carboxylic acids in the presence of EDC or HATU. The PEG spacer enhances water solubility.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3125 mL	11.5626 mL	23.1251 mL
5 mM	0.4625 mL	2.3125 mL	4.625 mL
10 mM	0.2313 mL	1.1563 mL	2.3125 mL
50 mM	0.0463 mL	0.2313 mL	0.4625 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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