

Thalidomide-4-NH-PEG1-COOH TFA

Chemical Properties

CAS No. : 2140807-20-9

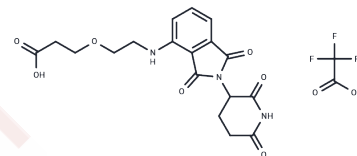
Formula: C₂₀H₂₀F₃N₃O₉

Molecular Weight: 503.38

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-4-NH-PEG1-COOH TFA is a conjugate of an E3 ligase ligand and linker, composed of Thalidomide and NH-PEG3-NH-Boc. It serves as a Cereblon [?] ligand, facilitating the recruitment of CRBN [?] protein. This compound is a crucial intermediate in the synthesis of PROTAC molecules designed based on CRBN.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9866 mL	9.9329 mL	19.8657 mL
5 mM	0.3973 mL	1.9866 mL	3.9731 mL
10 mM	0.1987 mL	0.9933 mL	1.9866 mL
50 mM	0.0397 mL	0.1987 mL	0.3973 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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