

Lenalidomide-C5-amido-Boc

Chemical Properties

CAS No. : 2138441-25-3

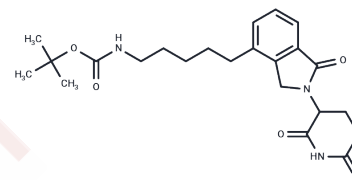
Formula: C₂₃H₃₁N₃O₅

Molecular Weight: 429.517

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	Lenalidomide-C5-amido-Boc is a Cereblon ligand derived from Lenalidomide, and serves in the recruitment of CRBN protein. It can be effectively linked to the protein ligand through a linker, resulting in the formation of PROTAC.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3282 mL	11.6409 mL	23.2818 mL
5 mM	0.4656 mL	2.3282 mL	4.6564 mL
10 mM	0.2328 mL	1.1641 mL	2.3282 mL
50 mM	0.0466 mL	0.2328 mL	0.4656 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

Wang, Shaomeng, et al. Preparation of phthalimide-based compounds as monofunctional intermediates for ligand-dependent target protein degradation. World Intellectual Property Organization, WO2017176958 A1 2017-10-12.

Robbins, Daniel, et al. WBifunctional compounds for degrading BTK via ubiquitin proteasome pathway. World Intellectual Property Organization, WO2021091575 A1 2021-05-14.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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