

Lenalidomide-C5-NH2

Chemical Properties

CAS No. : 2093388-45-3

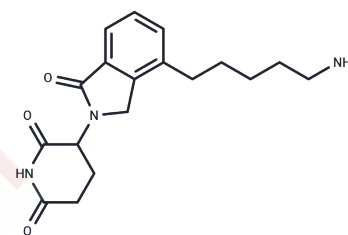
Formula: C₁₈H₂₃N₃O₃

Molecular Weight: 329.39

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-NH2 is the Lenalidomide-based Cereblon ligand used in the recruitment of CRBN protein. Lenalidomide-C5-NH2 can be connected to the ligand for protein by a linker to form PROTACs[1].
Targets(IC50)	Others,PROTAC Linker

Solubility Information

Solubility	DMSO: 5 mg/mL (15.18 mM),Sonication is recommended. H2O: 50 mg/mL (151.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0359 mL	15.1796 mL	30.3591 mL
5 mM	0.6072 mL	3.0359 mL	6.0718 mL
10 mM	0.3036 mL	1.518 mL	3.0359 mL
50 mM	0.0607 mL	0.3036 mL	0.6072 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

Zhou B, et al. Discovery of a Small-Molecule Degradable of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. J Med Chem. 2018 Jan 25;61(2):462-481.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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