Data Sheet (Cat.No.T40283)



Thalidomide-5,6-Cl

Chemical Properties

CAS No.: 2648939-40-4

Formula: C13H8Cl2N2O4

Molecular Weight: 327.12

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Thalidomide-5,6-Cl, a derivative of Thalidomide, serves as a cereblon ligand for the recruitment of CRBN protein. It can be linked to a ligand for protein using a linker to form PROTACS.
In vitro	Thalidomide-5,6-Cl, a thalidomide-derived cereblon ligand, facilitates the recruitment of the CRBN protein. By attaching to this ligand through a linker, it can be utilized to create PROTACs.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.057 mL	15.2849 mL	30.5698 mL
5 mM	0.6114 mL	3.057 mL	6.114 mL
10 mM	0.3057 mL	1.5285 mL	3.057 mL
50 mM	0.0611 mL	0.3057 mL	0.6114 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.

Reference

Zhang NN, et, al. A Thermostable mRNA Vaccine against COVID-19. Cell. 2020 Sep 3;182(5):1271-1283.e16.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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