

Thalidomide-5-O-C9-NH2 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₂H₃₀ClN₃O₅

Molecular Weight: 451.94

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-O-C9-NH2 hydrochloride, a thalidomide-based cereblon ligand, facilitates the recruitment of the CRBN protein. This compound can be tethered to a protein ligand via a linker, enabling the formation of PROTACs [1].
Targets(IC50)	Others,Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2127 mL	11.0634 mL	22.1268 mL
5 mM	0.4425 mL	2.2127 mL	4.4254 mL
10 mM	0.2213 mL	1.1063 mL	2.2127 mL
50 mM	0.0443 mL	0.2213 mL	0.4425 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.

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