

Thalidomide-5-O-C14-NH2 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₇H₄₀ClN₃O₅

Molecular Weight: 522.08

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-C14-NH2 hydrochloride, a cereblon ligand based on Thalidomide, facilitates the recruitment of CRBN protein. By incorporating a linker, this compound can be conjugated to a ligand to create PROTACs [1].
Targets(IC50)	Others,Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9154 mL	9.5771 mL	19.1542 mL
5 mM	0.3831 mL	1.9154 mL	3.8308 mL
10 mM	0.1915 mL	0.9577 mL	1.9154 mL
50 mM	0.0383 mL	0.1915 mL	0.3831 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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