

Pomalidomide-6-OH

Chemical Properties

CAS No. : 1547162-44-6

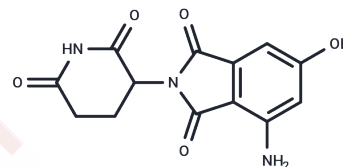
Formula: C₁₃H₁₁N₃O₅

Molecular Weight: 289.24

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	Pomalidomide-6-OH, a Pomalidomide-derived cereblon (CRBN) ligand, facilitates the recruitment of CRBN protein. This compound can be tethered to a protein ligand through a linker to create a proteolysis-targeting chimeric molecule (PROTAC [1]).
Targets(IC50)	Others,Ligands for E3 Ligase
In vitro	PROTACs consist of two ligands linked together: one for E3 ubiquitin ligase and the other for the target protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4573 mL	17.2867 mL	34.5734 mL
5 mM	0.6915 mL	3.4573 mL	6.9147 mL
10 mM	0.3457 mL	1.7287 mL	3.4573 mL
50 mM	0.0691 mL	0.3457 mL	0.6915 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481