

## Pomalidomide-5-OH

## Chemical Properties

CAS No. : 1547162-41-3

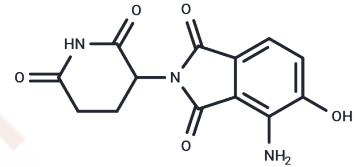
Formula: C<sub>13</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub>

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-5-OH is the primary active metabolite of pomalidomide. Pomalidomide-5-OH acts as a ligand for the E3 ubiquitin ligase cereblon (CRBN) and can be used to recruit the cereblon protein. Pomalidomide-5-OH can be linked to a protein ligand via a linker to form a PROTAC.
Targets(IC50)	Others,Ligands for E3 Ligase

## Solubility Information

Solubility	DMSO: 40.00 mg/mL (138.29 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	3.4573 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.

## Reference

Hoffmann M, Kasserra C, Reyes J, et al. Absorption, metabolism and excretion of [14C]pomalidomide in humans following oral administration. Cancer Chemother Pharmacol. 2013;71(2):489-501.

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