

## Pomalidomide-C4-NH2 hydrochloride

## Chemical Properties

CAS No. :	2162120-73-0
Formula:	C17H21ClN4O4
Molecular Weight:	380.826
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Pomalidomide-C4-NH2 hydrochloride is a synthesized conjugate consisting of an E3 ligase ligand-linker, incorporating a cereblon ligand derived from Pomalidomide and a linker commonly used in PROTAC technology.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs consist of two ligands linked together: one targeting an E3 ubiquitin ligase and the other targeting the designated protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6258 mL	13.1292 mL	26.2584 mL
5 mM	0.5252 mL	2.6258 mL	5.2517 mL
10 mM	0.2626 mL	1.3129 mL	2.6258 mL
50 mM	0.0525 mL	0.2626 mL	0.5252 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

- Sato T, et al. Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell Proliferation in Regenerative Medicine. *Front Cell Dev Biol.* 2021;9:629326. Published 2021 Mar 11.
- Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. *Cell Chem Biol.* 2020;27(8):998-985.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481