

## Pomalidomide-C4-NH2

## Chemical Properties

CAS No. : 1957236-34-8

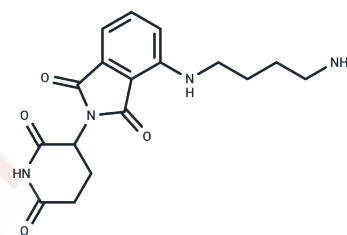
Formula: C17H20N4O4

Molecular Weight: 344.37

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-C4-NH2 is a chemically synthesized conjugate, consisting of a ligand for E3 ligase (cereblon) derived from Pomalidomide and a linker employed in PROTAC technology.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs utilize two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9039 mL	14.5193 mL	29.0385 mL
5 mM	0.5808 mL	2.9039 mL	5.8077 mL
10 mM	0.2904 mL	1.4519 mL	2.9039 mL
50 mM	0.0581 mL	0.2904 mL	0.5808 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.

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