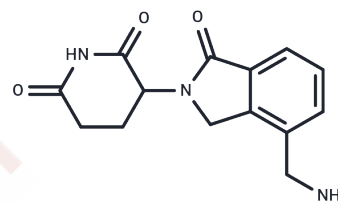


## Lenalidomide-4-aminomethyl

## Chemical Properties

CAS No. :	790652-68-5
Formula:	C <sub>14</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	273.29
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	Lenalidomide-4-aminomethyl is a CRBN ligand derived from Lenalidomide, which is utilized for the recruitment of CRBN protein. By linking Lenalidomide-4-aminomethyl to the ligand, a PROTAC can be formed.
Targets(IC50)	Others,Ligands for E3 Ligase
In vitro	PROTACs consist of two 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	3.6591 mL	18.2956 mL	36.5912 mL
5 mM	0.7318 mL	3.6591 mL	7.3182 mL
10 mM	0.3659 mL	1.8296 mL	3.6591 mL
50 mM	0.0732 mL	0.3659 mL	0.7318 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

- Scheepstra M, et al. Bivalent Ligands for Protein Degradation in Drug Discovery. *Comput Struct Biotechnol J*. 2019; 17:160-176. Published 2019 Jan 25.
- Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. *Cell Chem Biol*. 2020;27(8):998-985.

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