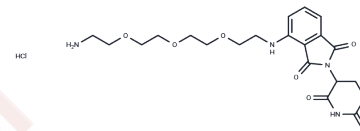


Pomalidomide-PEG3-C2-NH2 hydrochloride

Chemical Properties

CAS No. :	2446474-09-3
Formula:	C ₂₁ H ₂₉ ClN ₄ O ₇
Molecular Weight:	484.93
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-PEG3-C2-NH2 hydrochloride, also known as Cereblon Ligand-Linker Conjugate 5, is a chemically synthesized E3 ligase ligand-linker conjugate. This compound incorporates a cereblon ligand based on Pomalidomide and a linker commonly employed in PROTAC technology.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets the protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0622 mL	10.3108 mL	20.6215 mL
5 mM	0.4124 mL	2.0622 mL	4.1243 mL
10 mM	0.2062 mL	1.0311 mL	2.0622 mL
50 mM	0.0412 mL	0.2062 mL	0.4124 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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