

Pomalidomide-C7-COOH

Chemical Properties

CAS No. :	2225940-51-0
Formula:	C ₂₁ H ₂₅ N ₃ O ₆
Molecular Weight:	415.44
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-C7-COOH is a synthetic E3 ligase cereblon ligand-linker conjugate characterized by a seven-carbon carboxylic acid linker attached to the pomalidomide moiety. It is a key intermediate for the research and synthesis of PROTAC BCL-XL degraders. This compound is for scientific research use only and not for use in patients.
Targets(IC50)	Ligands for E3 Ligase

Solubility Information

Solubility	DMSO: 40 mg/mL (96.28 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	2.4071 mL	12.0354 mL	24.0709 mL
5 mM	0.4814 mL	2.4071 mL	4.8142 mL
10 mM	0.2407 mL	1.2035 mL	2.4071 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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

Zhang X, et, al. Discovery of PROTAC BCL-X L degraders as potent anticancer agents with low on-target platelet toxicity. Eur J Med Chem. 2020 Apr 15; 192: 112186.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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