

Pomalidomide-C2-amido-(C1-O-C5-O-C1)2-COOH

Chemical Properties

CAS No. : 2351103-63-2

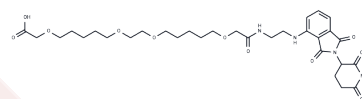
Formula: C₃₁H₄₄N₄O₁₁

Molecular Weight: 648.7

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-C2-amido-(C1-O-C5-O-C1)2-COOH is a chemically synthesized E3 ligase ligand-linker conjugate, incorporating the cereblon ligand from Pomalidomide and a linker used in PROTAC technology. It facilitates targeted protein degradation by modulating E3 ligase activity, thereby enabling the selective elimination of specific proteins of interest.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5415 mL	7.7077 mL	15.4154 mL
5 mM	0.3083 mL	1.5415 mL	3.0831 mL
10 mM	0.1542 mL	0.7708 mL	1.5415 mL
50 mM	0.0308 mL	0.1542 mL	0.3083 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

Zhou B, et al. Discovery of a Small-Molecule Degradator of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. J Med Chem. 2018 Jan 25;61(2):462-481.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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