

## Pomalidomide-amido-PEG3-C2-NH2

## Chemical Properties

CAS No. : 2328070-52-4

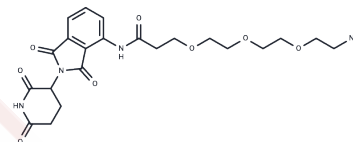
Formula: C22H28N4O8

Molecular Weight: 476.48

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-amido-PEG3-C2-NH2, known as Cereblon Ligand-Linker Conjugates 22, is a synthesized E3 ligase ligand-linker conjugate designed for use in PROTAC technology. It consists of the Pomalidomide-based cereblon ligand and a 3-unit PEG linker. [1]
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	Pomalidomide-amido-PEG3-C2-NH2 (Compound 5b) is a precursor for synthesizing BI-3663, a cereblon-based molecule that degrades focal adhesion tyrosine kinase (PTK2) in human hepatocellular carcinoma (HCC) cell lines. It achieves over 80% degradation in 11 HCC cell lines, with a median DC50 of 30 nM[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0987 mL	10.4936 mL	20.9872 mL
5 mM	0.4197 mL	2.0987 mL	4.1974 mL
10 mM	0.2099 mL	1.0494 mL	2.0987 mL
50 mM	0.042 mL	0.2099 mL	0.4197 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

Popow J, et al. Highly Selective PTK2 Proteolysis Targeting Chimeras to Probe Focal Adhesion Kinase Scaffolding Functions. J Med Chem. 2019 Mar 14;62(5):2508-2520.

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