

## Pomalidomide-PEG6-butyl iodide

## Chemical Properties

CAS No. : 1835705-74-2

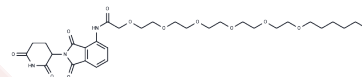
Formula: C<sub>31</sub>H<sub>44</sub>IN<sub>3</sub>O<sub>11</sub>

Molecular Weight: 761.6

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-PEG6-butyl iodide is a chemically synthesized E3 ligase ligand-linker conjugate, combining the cereblon ligand from Pomalidomide with a 6-unit PEG linker, commonly used in PROTAC technology [1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, while the other targets the protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.313 mL	6.5651 mL	13.1303 mL
5 mM	0.2626 mL	1.313 mL	2.6261 mL
10 mM	0.1313 mL	0.6565 mL	1.313 mL
50 mM	0.0263 mL	0.1313 mL	0.2626 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

Lai AC, et al. Modular PROTAC Design for the Degradation of Oncogenic BCR-ABL. Angew Chem Int Ed Engl. 2016 Jan 11;55(2):807-10.

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