

Pomalidomide-6-O-CH3

Chemical Properties

CAS No. : 1547163-08-5

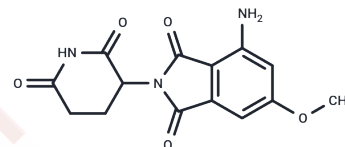
Formula: C₁₄H₁₃N₃O₅

Molecular Weight: 303.274

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-6-O-CH ₃ is a Pomalidomide-derived ligand for cereblon (CRBN), which serves as a linkage agent to recruit the CRBN protein. This ligand, when connected to a protein via a linker, enables the formation of PROTAC.
Targets(IC50)	Others,Ligands for E3 Ligase
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase and the other targets a specific protein. By utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2974 mL	16.487 mL	32.9739 mL
5 mM	0.6595 mL	3.2974 mL	6.5948 mL
10 mM	0.3297 mL	1.6487 mL	3.2974 mL
50 mM	0.0659 mL	0.3297 mL	0.6595 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

Andrew J. Phillips, et al. Bromodomain targeting degronimers for target protein degradation. WO2017197056A1.

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