

Pomalidomide-PEG4-C-COOH

Chemical Properties

CAS No. : 2097938-44-6

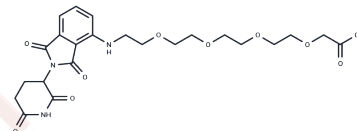
Formula: C₂₃H₂₉N₃O₁₀

Molecular Weight: 507.49

Keep away from direct sunlight

Storage: Pure form: -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-PEG4-C-COOH (E3 Ligase Ligand-Linker Conjugates 1) is a synthesized E3 ligase ligand-linker conjugate that combines the Pomalidomide-based cereblon ligand and 4-unit PEG linker used in PROTAC technology.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

Solubility Information

Solubility	Ethanol: 25 mg/mL (49.26 mM), Sonication is recommended. DMSO: 50 mg/mL (98.52 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	1.9705 mL	9.8524 mL	19.7048 mL
5 mM	0.3941 mL	1.9705 mL	3.941 mL
10 mM	0.197 mL	0.9852 mL	1.9705 mL
50 mM	0.0394 mL	0.197 mL	0.3941 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

Guangrong Zheng, et al. Compounds that induce degradation of anti-apoptotic bcl-2 family proteins and the uses thereof. WO2017184995A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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