

Thalidomide-O-amido-C3-PEG3-C1-NH2

Chemical Properties

CAS No. : 1799711-29-7

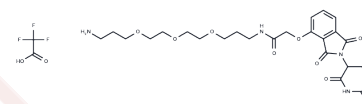
Formula: C27H35F3N4O11

Molecular Weight: 648.589

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	Thalidomide-O-amido-C3-PEG3-C1-NH2 is a synthesized conjugate compound serving as an E3 ligase ligand-linker, featuring a cereblon ligand based on Thalidomide and a 3-unit PEG linker, specifically designed for use in PROTAC technology.
Targets(IC50)	Apoptosis,Others,Autophagy,E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5418 mL	7.709 mL	15.4181 mL
5 mM	0.3084 mL	1.5418 mL	3.0836 mL
10 mM	0.1542 mL	0.7709 mL	1.5418 mL
50 mM	0.0308 mL	0.1542 mL	0.3084 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

Lohbeck J, et al. Practical synthesis of a phthalimide-based Cereblon ligand to enable PROTAC development. *Bioorg Med Chem Lett.* 2016;26(21):5260-5262. doi:10.1016/j.bmcl.2016.09.048

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