

Thalidomide-O-amido-C6-NH2

Chemical Properties

CAS No. : 1950635-13-8

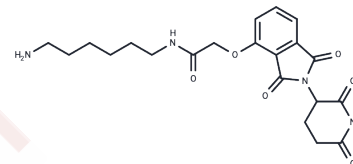
Formula: C21H26N4O6

Molecular Weight: 430.45

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-C6-NH2 (Cereblon Ligand-Linker Conjugates 11) is a Thalidomide-based synthetic E3 ligase ligand-linker conjugate, consisting of a cereblon ligand and a linker, used in the production of PROTACs (proteolysis-targeting chimeras).
Targets(IC50)	Apoptosis,Others,Autophagy,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs are molecules consisting of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase and the other targets the protein of interest, thereby leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3232 mL	11.6158 mL	23.2315 mL
5 mM	0.4646 mL	2.3232 mL	4.6463 mL
10 mM	0.2323 mL	1.1616 mL	2.3232 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

Bradner J, et al. Targeted protein degradation to attenuate adoptive t-cell therapy associated adverse inflammatory responses. WO 2017024318 A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481