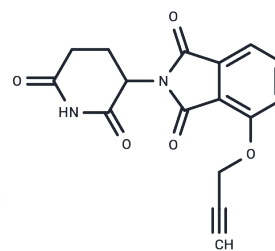


Thalidomide-propargyl

Chemical Properties

CAS No. :	2098487-39-7
Formula:	C ₁₆ H ₁₂ N ₂ O ₅
Molecular Weight:	312.28
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Thalidomide-propargyl, a Thalidomide-derived Cereblon ligand, facilitates the recruitment of Cereblon. It can be attached to the protein ligand via a linker, producing IMiD-containing PROTACs.
Targets(IC50)	Apoptosis, Autophagy, E3 Ligase Ligand-Linker Conjugates, Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2023 mL	16.0113 mL	32.0225 mL
5 mM	0.6405 mL	3.2023 mL	6.4045 mL
10 mM	0.3202 mL	1.6011 mL	3.2023 mL
50 mM	0.064 mL	0.3202 mL	0.6405 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

Wurz RP, et al. A "Click Chemistry Platform" for the Rapid Synthesis of Bispecific Molecules for Inducing Protein Degradation. *J Med Chem.* 2018 Jan 25;61(2):453-461.

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