

## Thalidomide-PEG4-Propargyl

## Chemical Properties

CAS No. : 2098799-77-8

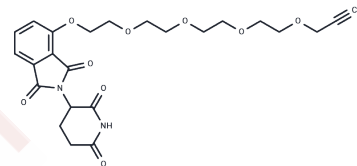
Formula: C<sub>24</sub>H<sub>28</sub>N<sub>2</sub>O<sub>9</sub>

Molecular Weight: 488.49

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-PEG4-Propargyl (Thalidomide-O-PEG4-Propargyl) is a synthetic E3 ligase ligand-linker conjugate containing a Thalidomide-based cereblon ligand and a linker which can be used in PROTAC technology[1].
Targets(IC50)	Apoptosis, Autophagy, E3 Ligase Ligand-Linker Conjugates

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0471 mL	10.2356 mL	20.4712 mL
5 mM	0.4094 mL	2.0471 mL	4.0942 mL
10 mM	0.2047 mL	1.0236 mL	2.0471 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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

Sato T, et al. Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell Proliferation in Regenerative Medicine. *Front Cell Dev Biol.* 2021;9:629326. Published 2021 Mar 11.

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