

Thalidomide-O-PEG2-propargyl

Chemical Properties

CAS No. :	2098487-52-4
Formula:	C ₂₀ H ₂₀ N ₂ O ₇
Molecular Weight:	400.382
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-O-PEG2-propargyl (E3 Ligase Ligand-Linker Conjugates 32) is a chemical compound that has been synthesized as a conjugate of an E3 ligase ligand and a linker. It incorporates the cereblon ligand based on Thalidomide, along with a 2-unit PEG linker. This compound is specifically designed for use in PROTAC technology, which utilizes ligand-induced protein degradation [1].
Targets(IC50)	Apoptosis,Others,Autophagy,E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4976 mL	12.4881 mL	24.9763 mL
5 mM	0.4995 mL	2.4976 mL	4.9953 mL
10 mM	0.2498 mL	1.2488 mL	2.4976 mL
50 mM	0.050 mL	0.2498 mL	0.4995 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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