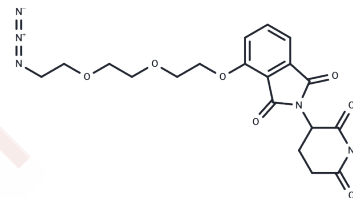


## Thalidomide 4'-ether-PEG2-azide

### Chemical Properties

CAS No. :	2758431-90-0
Formula:	C <sub>19</sub> H <sub>21</sub> N <sub>5</sub> O <sub>7</sub>
Molecular Weight:	431.40
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 4'-ether-PEG2-azide is a modified form of the cereblon (CRBN) inhibitor Thalidomide, created through click chemistry. Featuring an azide group, this compound can participate in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with alkyne-containing molecules. It serves as a ligand for E3 ubiquitin ligase and as a linker conjugate (E3LigaseLigand-Linker Conjugates) for use in PROTACs.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.318 mL	11.5902 mL	23.1803 mL
5 mM	0.4636 mL	2.318 mL	4.6361 mL
10 mM	0.2318 mL	1.159 mL	2.318 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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