

## Thalidomide-O-PEG1-OH

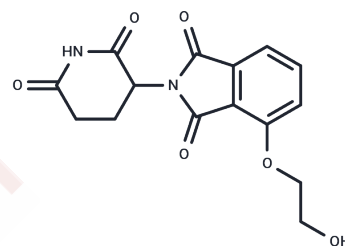
## Chemical Properties

CAS No. : 2416234-31-4

Formula: C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight: 318.281

Storage: Keep away from direct sunlight  
 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-PEG1-OH is a PROTAC linker characterized by its combination of Thalidomide with O-ethyl. Thalidomide acts as a ligand for the E3 ubiquitin ligase, leading to protein ubiquitination and subsequent proteasomal degradation. Additionally, the hydroxy group serves as a versatile handle, facilitating the formation of more complex structures through various reactions.
Targets(IC50)	PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1419 mL	15.7094 mL	31.4189 mL
5 mM	0.6284 mL	3.1419 mL	6.2838 mL
10 mM	0.3142 mL	1.5709 mL	3.1419 mL
50 mM	0.0628 mL	0.3142 mL	0.6284 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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