

## Thalidomide-NH-PEG7

## Chemical Properties

CAS No. :

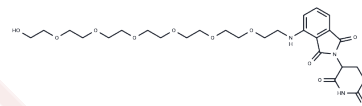
Formula: C27H39N3O11

Molecular Weight: 581.61

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-NH-PEG7 is a synthesized conjugate of an E3 ligase ligand and linker, intended for use in antibody-drug conjugates (ADCs). It can be attached to a protein ligand via a linker to form PROTAC iRucaparib-AP6, a highly selective degrader of PARP1 [1].
Targets(IC50)	Apoptosis,Others,Autophagy,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7194 mL	8.5968 mL	17.1937 mL
5 mM	0.3439 mL	1.7194 mL	3.4387 mL
10 mM	0.1719 mL	0.8597 mL	1.7194 mL
50 mM	0.0344 mL	0.1719 mL	0.3439 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

Wang S, et al. Uncoupling of PARP1 trapping and inhibition using selective PARP1 degradation. Nat Chem Biol. 2019 Dec;15(12):1223-1231.

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