

## Thalidomide-NH-PEG4-COOH

## Chemical Properties

CAS No. : 2412056-48-3

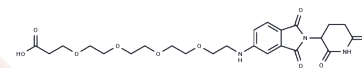
Formula: C<sub>24</sub>H<sub>31</sub>N<sub>3</sub>O<sub>10</sub>

Molecular Weight: 521.523

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-PEG4-COOH is a conjugate comprising an E3 ligase ligand-linker, utilized in the synthesis of dCBP-1. dCBP-1 itself functions as a powerful and selective heterobifunctional degrader targeting p300/CBP.
Targets(IC50)	Apoptosis,Others,Autophagy,E3 Ligase Ligand-Linker Conjugates
In vitro	Thalidomide-NH-PEG4-COOH (S13) functions as the E3 ligase ligand-linker conjugate of dCBP-1[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9175 mL	9.5874 mL	19.1747 mL
5 mM	0.3835 mL	1.9175 mL	3.8349 mL
10 mM	0.1917 mL	0.9587 mL	1.9175 mL
50 mM	0.0383 mL	0.1917 mL	0.3835 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

Raghu Vannam, et al. Targeted degradation of the enhancer lysine acetyltransferases CBP and p300. Cell Chem Biol. 2020 Dec 31;S2451-9456(20)30513-4.

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