

## Thalidomide-O-amido-PEG3-C2-NH2 TFA

## Chemical Properties

CAS No. : 1957236-21-3

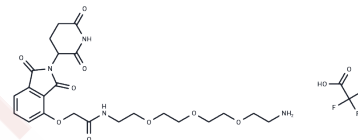
Formula: C<sub>25</sub>H<sub>31</sub>F<sub>3</sub>N<sub>4</sub>O<sub>11</sub>

Molecular Weight: 620.54

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-O-amido-PEG3-C2-NH2 TFA (Cereblon Ligand-Linker Conjugates 3 (TFA)) is a synthesized E3 ligase ligand-linker conjugate incorporating a Thalidomide-based cereblon ligand and a 3-unit PEG linker, used in PROTAC technology.
Targets(IC50)	Apoptosis, Autophagy, E3 Ligase Ligand-Linker Conjugates, Ligands for E3 Ligase

## Solubility Information

Solubility	DMSO: 50 mg/mL (80.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6115 mL	8.0575 mL	16.115 mL
5 mM	0.3223 mL	1.6115 mL	3.223 mL
10 mM	0.1611 mL	0.8057 mL	1.6115 mL
50 mM	0.0322 mL	0.1611 mL	0.3223 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

BRADNER, James, et al. METHODS TO INDUCE TARGETED PROTEIN DEGRADATION THROUGH BIFUNCTIONAL MOLECULES. WO2017024317A2.

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