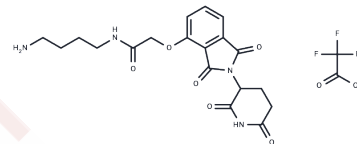


Thalidomide-O-amido-C4-NH2 TFA

Chemical Properties

CAS No. :	1799711-25-3
Formula:	C ₂₁ H ₂₃ F ₃ N ₄ O ₈
Molecular Weight:	516.42
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Thalidomide-O-amido-C4-NH2 TFA (E3 ligase Ligand-Linker Conjugates 19 TFA) is a synthesized compound that functions as an E3 ligase ligand-linker conjugate.
Targets(IC50)	Apoptosis, Autophagy, E3 Ligase Ligand-Linker Conjugates

Solubility Information

Solubility	DMSO: 40 mg/mL (77.46 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.87 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9364 mL	9.682 mL	19.3641 mL
5 mM	0.3873 mL	1.9364 mL	3.8728 mL
10 mM	0.1936 mL	0.9682 mL	1.9364 mL
50 mM	0.0387 mL	0.1936 mL	0.3873 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

Zhou B, et al. Discovery of a Small-Molecule Degradator of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. J Med Chem. 2017 Mar 24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481