

Thalidomide-O-amido-C3-NH2 TFA

Chemical Properties

CAS No. : 2022182-58-5

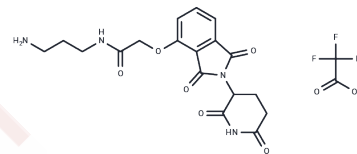
Formula: C₂₀H₂₁F₃N₄O₈

Molecular Weight: 502.4

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-C3-NH2 TFA (Cereblon Ligand-Linker Conjugates 16 TFA) is a synthesized E3 ligase ligand-linker conjugate incorporating a Thalidomide-based cereblon ligand and a linker used in PROTAC technology.
Targets(IC50)	Apoptosis, Autophagy, E3 Ligase Ligand-Linker Conjugates, Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9904 mL	9.9522 mL	19.9045 mL
5 mM	0.3981 mL	1.9904 mL	3.9809 mL
10 mM	0.199 mL	0.9952 mL	1.9904 mL
50 mM	0.0398 mL	0.199 mL	0.3981 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

Lohbeck J, et al. Practical synthesis of a phthalimide-based Cereblon ligand to enable PROTAC development. *Bioorg Med Chem Lett.* 2016 Nov 1;26(21):5260-5262.

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