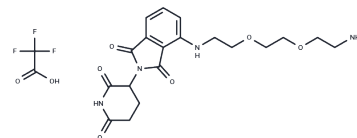


Thalidomide-PEG2-C2-NH2 TFA

Chemical Properties

CAS No. :	2097509-36-7
Formula:	C ₂₁ H ₂₅ F ₃ N ₄ O ₈
Molecular Weight:	518.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Thalidomide-O-amido-PEG3-C2-NH2 TFA, a synthesized E3 ligase ligand-linker conjugate, combines the cereblon ligand based on Thalidomide and a 2-unit PEG linker for use in PROTAC technology[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9289 mL	9.6443 mL	19.2886 mL
5 mM	0.3858 mL	1.9289 mL	3.8577 mL
10 mM	0.1929 mL	0.9644 mL	1.9289 mL
50 mM	0.0386 mL	0.1929 mL	0.3858 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.

Reference

Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Target Binding Ligands. J Med Chem. 2019 Sep 12;62(17):8152-8163.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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