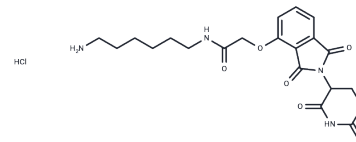


Thalidomide-O-amido-C6-NH2 hydrochloride

Chemical Properties

CAS No. :	2376990-31-5
Formula:	C ₂₁ H ₂₇ ClN ₄ O ₆
Molecular Weight:	466.915
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Thalidomide-O-amido-C6-NH2 hydrochloride is a synthesized E3 ligase ligand-linker conjugate, integrating a Thalidomide-based cereblon ligand with a linker, suitable for PROTAC synthesis.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugate
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1417 mL	10.7085 mL	21.4169 mL
5 mM	0.4283 mL	2.1417 mL	4.2834 mL
10 mM	0.2142 mL	1.0708 mL	2.1417 mL
50 mM	0.0428 mL	0.2142 mL	0.4283 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

Bradner J, et al. Targeted protein degradation to attenuate adoptive t-cell therapy associated adverse inflammatory responses. WO 2017024318 A1

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