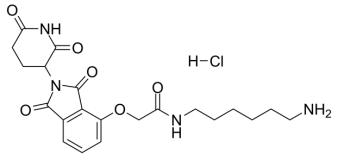
Thalidomide-O-amido-C6-NH2 hydrochloride

Cat. No.:	HY-112618B
CAS No.:	2376990-31-5
Molecular Formula:	$C_{21}H_{27}ClN_4O_6$
Molecular Weight:	466.92
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thalidomide-O-amido-C6-NH2 hydrochloride, a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and a linker, can be used in the synthesis of PROTACs[1].
IC_{50} & Target	Cereblon
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[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA