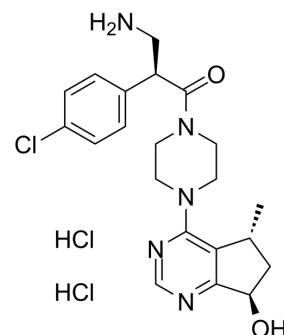


Ipatasertib-NH2 dihydrochloride

Cat. No.:	HY-130988A
CAS No.:	1001264-73-8
Molecular Formula:	C ₂₁ H ₂₈ Cl ₃ N ₅ O ₂
Molecular Weight:	488.84
Target:	Ligands for Target Protein for PROTAC
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ipatasertib-NH2 dihydrochloride is a ligand for target protein AKT for PROTAC (INY-03-041). INY-03-041 is composed of Ipatasertib-NH2, a ten-hydrocarbon linker, and a CRBN ligand Lenalidomide for E3 ubiquitin ligase ^[1] .
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]. You I, et al. Discovery of an AKT Degrader with Prolonged Inhibition of Downstream Signaling. Cell Chem Biol. 2020 Jan 16;27(1):66-73.e7.

Caution: Product has not been fully validated for medical applications. For research use only.

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