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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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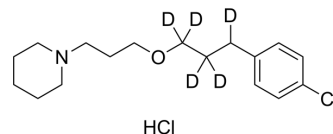
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Pitolisant-d₅ hydrochloride

Cat. No.:	HY-12199BS
CAS No.:	2740634-42-6
Molecular Formula:	C ₁₇ H ₂₂ D ₅ Cl ₂ NO
Molecular Weight:	337.34
Target:	Histamine Receptor; Isotope-Labeled Compounds
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pitolisant-d ₅ hydrochloride (Ciproxidine-d ₅ hydrochloride) is the deuterium labeled Pitolisant hydrochloride (HY-12199B). Pitolisant hydrochloride is a potent and selective nonimidazole inverse agonist at the recombinant human histamine H ₃ receptor ($K_i=0.16$ nM) ^[1] .
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REFERENCES

- [1]. Ligneau X, et al. BF2.649 [1-[3-[3-(4-Chlorophenyl)propoxy]propyl]piperidine, hydrochloride], a nonimidazole inverse agonist/antagonist at the human histamine H₃ receptor: Preclinical pharmacology. *J Pharmacol Exp Ther.* 2007 Jan;320(1):365-75.
- [2]. Dudek M, et al. H₃ histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by LY170053 in mice. *Metab Brain Dis.* 2016 Oct;31(5):1023-9.
- [3]. Uguen M, et al. Preclinical evaluation of the abuse potential of Pitolisant, a histamine H₃ receptor inverse agonist/antagonist compared with CRL 40476. *Br J Pharmacol.* 2013 Jun;169(3):632-44.

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

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