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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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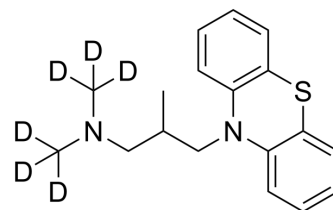
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Alimemazine-d₆ hydrochloride

Cat. No.:	HY-12752BS
CAS No.:	1352792-16-5
Molecular Formula:	C ₁₈ H ₁₇ D ₆ ClN ₂ S
Molecular Weight:	340.94
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.



HCl

BIOLOGICAL ACTIVITY

Description

Alimemazine-d₆ hydrochloride (Trimeprazine-d₆ hydrochloride) is the deuterium labeled Alimemazine (HY-12752). Alimemazine is a phenothiazine derivative that is generally used as an antipruritic agent and also a hemagglutinin (HA)-receptor antagonist. Alimemazine (Trimeprazine) is also acts as a partial agonist against the histamine H₁ receptor (H₁R) and other GPCRs. Alimemazine displays antiserotonin, antispasmodic, and antiemetic properties^{[1][2]}.

REFERENCES

- [1]. Kuznetsova A, et al. Trimeprazine increases IRS2 in human islets and promotes pancreatic β cell growth and function in mice. JCI Insight. 2016;1(3).
- [2]. Singh B, et al. Bioanalytical method development and validation of alimemazine in human plasma by LC-MS/MS and its application in bioequivalence studies. J Pharm Bioallied Sci. 2013 Oct;5(4):257-64.

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

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