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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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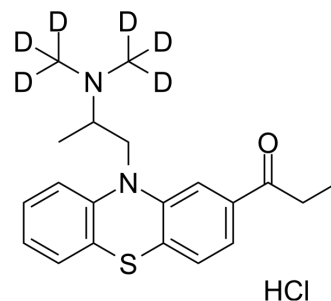
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Propiomazine-d₆ hydrochloride

Cat. No.:	HY-U00051AS
Molecular Formula:	C ₂₀ H ₁₉ D ₆ ClN ₂ OS
Molecular Weight:	382.98
Target:	Isotope-Labeled Compounds; Histamine Receptor
Pathway:	Others; GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Propiomazine-d₆ (hydrochloride) is deuterium labeled Propiomazine (hydrochloride). Propiomazine hydrochloride is an orally active antihistamine agent with sedative effects. Propiomazine hydrochloride can be used in the research of insomnia [1][2][3].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019 Feb;53(2):211-216.
- [2]. B Midgren, et al. Effects of single doses of propiomazine, a phenothiazine hypnotic, on sleep and oxygenation in patients with stable chronic obstructive pulmonary disease. *Respiration.* 1990;57(4):239-42.
- [3]. Thunander Sundbom L, et al. Sedating antihistamines - risk of severe intoxication. *Lakartidningen.* 2021 Sep 30;118:21037.
- [4]. C.Bjerre, et al. Bioavailability of the sedative propiomazine after nasal administration in rats. *International Journal of Pharmaceutics*, 1996, 144 (2), 217-224.
- [5]. F T Serratori, et al. Promethazine protection in carbon tetrachloride liver injury. An electron microscopic study. *Arch Pathol.* 1969 Jan;87(1):46-51.
- [6]. Faye M, et al. Effect of propiomazine on plasma prolactin in the rat: counteraction by L-dopa. *Proc Soc Exp Biol Med.* 1985 Apr;178(4):606-9.

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

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