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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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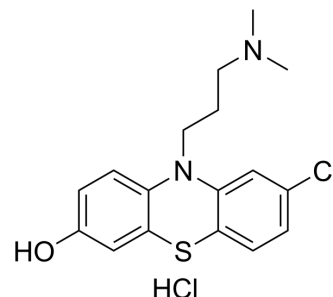
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7-Hydroxychlorpromazine hydrochloride

Cat. No.:	HY-W704749
CAS No.:	51938-11-5
Molecular Formula:	C ₁₇ H ₂₀ Cl ₂ N ₂ OS
Molecular Weight:	371.32
Target:	Drug Metabolite; Dopamine Receptor
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

7-Hydroxychlorpromazine hydrochloride is the active metabolite of Chlorpromazine (HY-12708). 7-Hydroxychlorpromazine hydrochloride can increase prolactin levels in rats. 7-Hydroxychlorpromazine hydrochloride can increase dopamine turnover and has a sedative effect. In addition, 7-Hydroxychlorpromazine hydrochloride can effectively inhibit amphetamine-induced stereotyped behavior in rats and is used in the study of psychosis^{[1][2]}.

REFERENCES

- [1]. Meltzer H Y, et al. Effect of metabolites of chlorpromazine on plasma prolactin levels in male rats[J]. European Journal of Pharmacology, 1977, 41(4): 431-436.
- [2]. Perry T L, et al. 7-Hydroxychlorpromazine: potential toxic drug metabolite in psychiatric patients[J]. Science, 1964, 146(3640): 81-83.

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

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