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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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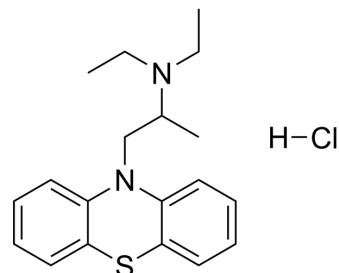
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Ethopropazine hydrochloride (Standard)

Cat. No.:	HY-107922R
CAS No.:	1094-08-2
Molecular Formula:	C ₁₉ H ₂₅ ClN ₂ S
Molecular Weight:	348.93
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ethopropazine (hydrochloride) (Standard) is the analytical standard of Ethopropazine (hydrochloride). This product is intended for research and analytical applications. Ethopropazine (Isothazine) hydrochloride is a potent, selective BChE inhibitor and a poor AChE inhibitor. Ethopropazine hydrochloride is a phenothiazine compound with anticholinergic properties. Ethopropazine hydrochloride can be used for the research of Parkinson's disease ^{[1][2]} .
IC ₅₀ & Target	BChE, AChE ^[2]

REFERENCES

[1]. Prabhu S, et al. Enhancement of dissolution of ethopropazine using solid dispersions prepared with phospholipid and/or polyethylene glycol. *Drug Dev Ind Pharm*. 2001 May;27(5):413-8.

[2]. Reiner E, et al. Activity of cholinesterases in human whole blood measured with acetylthiocholine as substrate and ethopropazine as selective inhibitor of plasma butyrylcholinesterase. *Arh Hig Rada Toksikol*. 2004 Apr;55(1):1-4.

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

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