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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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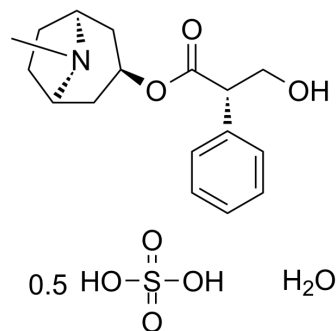
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L-Hyoscyamine sulfate hydrate

Cat. No.:	HY-N0471C
CAS No.:	6835-16-1
Molecular Formula:	C ₁₇ H ₂₃ NO ₃ ·1/2H ₂ O ₄ S·H ₂ O
Molecular Weight:	712.85
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

L-Hyoscyamine sulfate hydrate, a natural plant tropane alkaloid, is a potent and competitive muscarinic receptor (MR) antagonist. L-Hyoscyamine sulfate hydrate is a levo-isomer to Atropine (HY-B1205)^{[1][2]}.

CUSTOMER VALIDATION

- ACS Catal. 2021 Feb 18.
- Food Chem. 2021 Feb 1;337:127617.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Lars Göran Axelsson, et al. Regulatory role of 5-HT and muscarinic receptor antagonists on the migrating myoelectric complex in rats. *Eur J Pharmacol.* 2003 Apr 25;467(1-3):211-8.

[2]. Harald John, et al. Application of an enantioselective LC-ESI MS/MS procedure to determine R- and S-hyoscyamine following intravenous atropine administration in swine. *Drug Test Anal.* Mar-Apr 2012;4(3-4):194-8.

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

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