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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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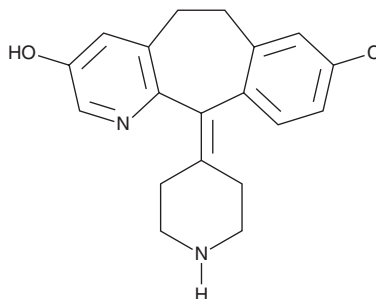
PRODUCT INFORMATION



3-hydroxy Desloratidine

Item No. 21847

CAS Registry No.:	119410-08-1
Formal Name:	8-chloro-6,11-dihydro-11-(4-piperidinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridin-3-ol
Synonym:	SCH 45581
MF:	C ₁₉ H ₁₉ ClN ₂ O
FW:	326.8
Purity:	≥98%
UV/Vis.:	λ _{max} : 245, 291 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



Laboratory Procedures

3-hydroxy Desloratidine is supplied as a crystalline solid. A stock solution may be made by dissolving the 3-hydroxy desloratidine in the solvent of choice. 3-hydroxy Desloratidine is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF), which should be purged with an inert gas. The solubility of 3-hydroxy desloratidine in ethanol is approximately 5 mg/ml and approximately 10 mg/ml in DMSO and DMF.

3-hydroxy Desloratidine is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, 3-hydroxy desloratidine should first be dissolved in DMF and then diluted with the aqueous buffer of choice. 3-hydroxy Desloratidine has a solubility of approximately 0.14 mg/ml in a 1:6 solution of DMF:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

3-hydroxy Desloratidine is a major metabolite of desloratadine (Item No. 16931), a tricyclic antagonist of the histamine H₁ receptor.¹

Reference

1. Affrime, M., Gupta, S., Banfield, C., *et al.* A pharmacokinetic profile of desloratadine in healthy adults, including elderly. *Clin. Pharmacokinet.* **41(Suppl 1)**, 13-19 (2002).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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