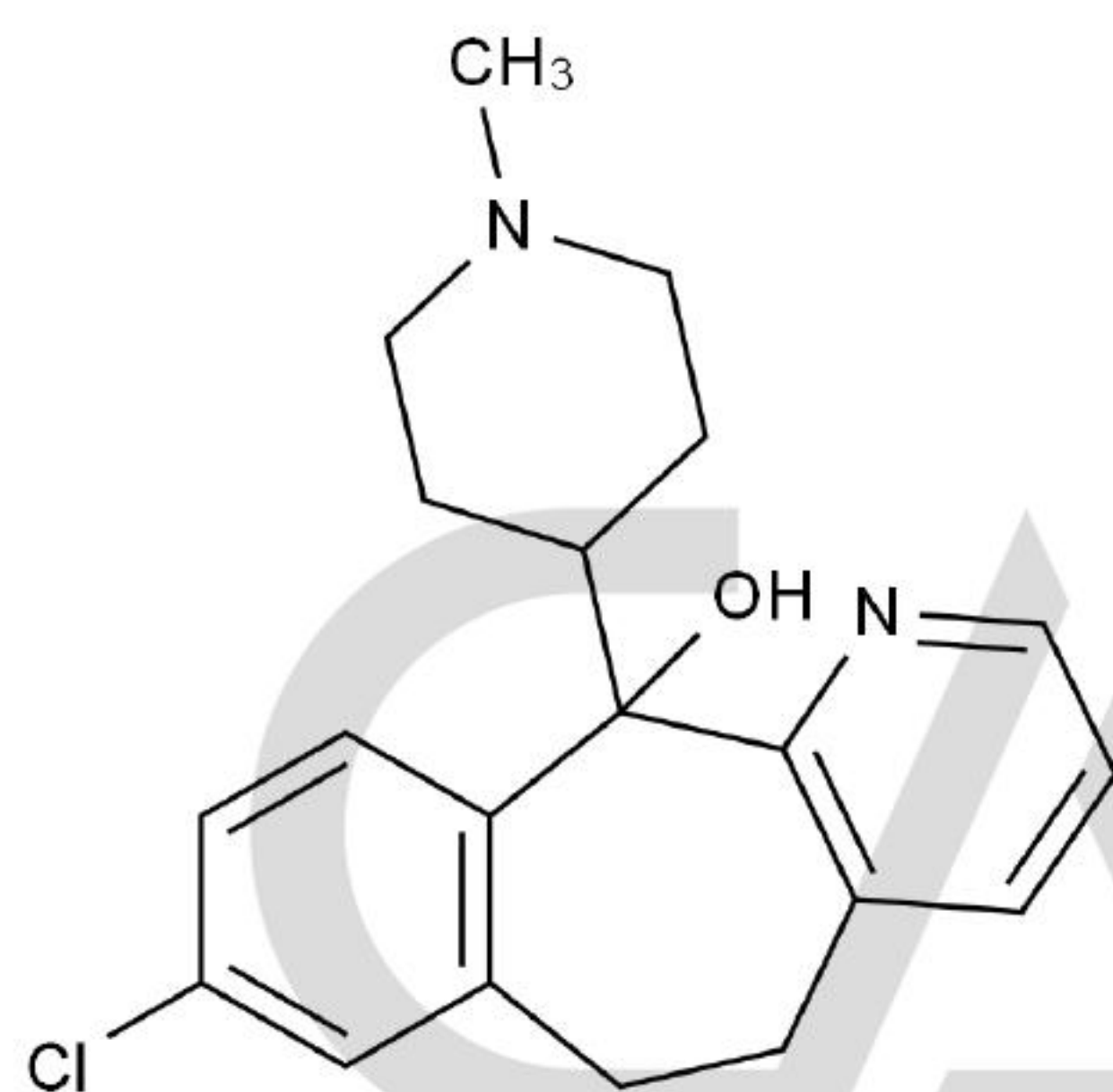


Certificate of Analysis

Reference Material & Standard

Product Name:	Loratadine Impurity 14	Catalogue Number:	C4X-142614
Synonyms:	Hydroxy deacyl analog	Lot Number:	0130-RH-0044
CAS Number:	38089-93-9	Expiry Date:	Feb 21, 2028
Molecular Formula:	C ₂₀ H ₂₃ ClN ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	342.86	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.929%
Water Content	Karl Fischer	0.58%
Residual Solvents	NMR	Not detected in NMR
Assay		99.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 30, 2026

Date: Feb 02, 2026

Date: Feb 02, 2026



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