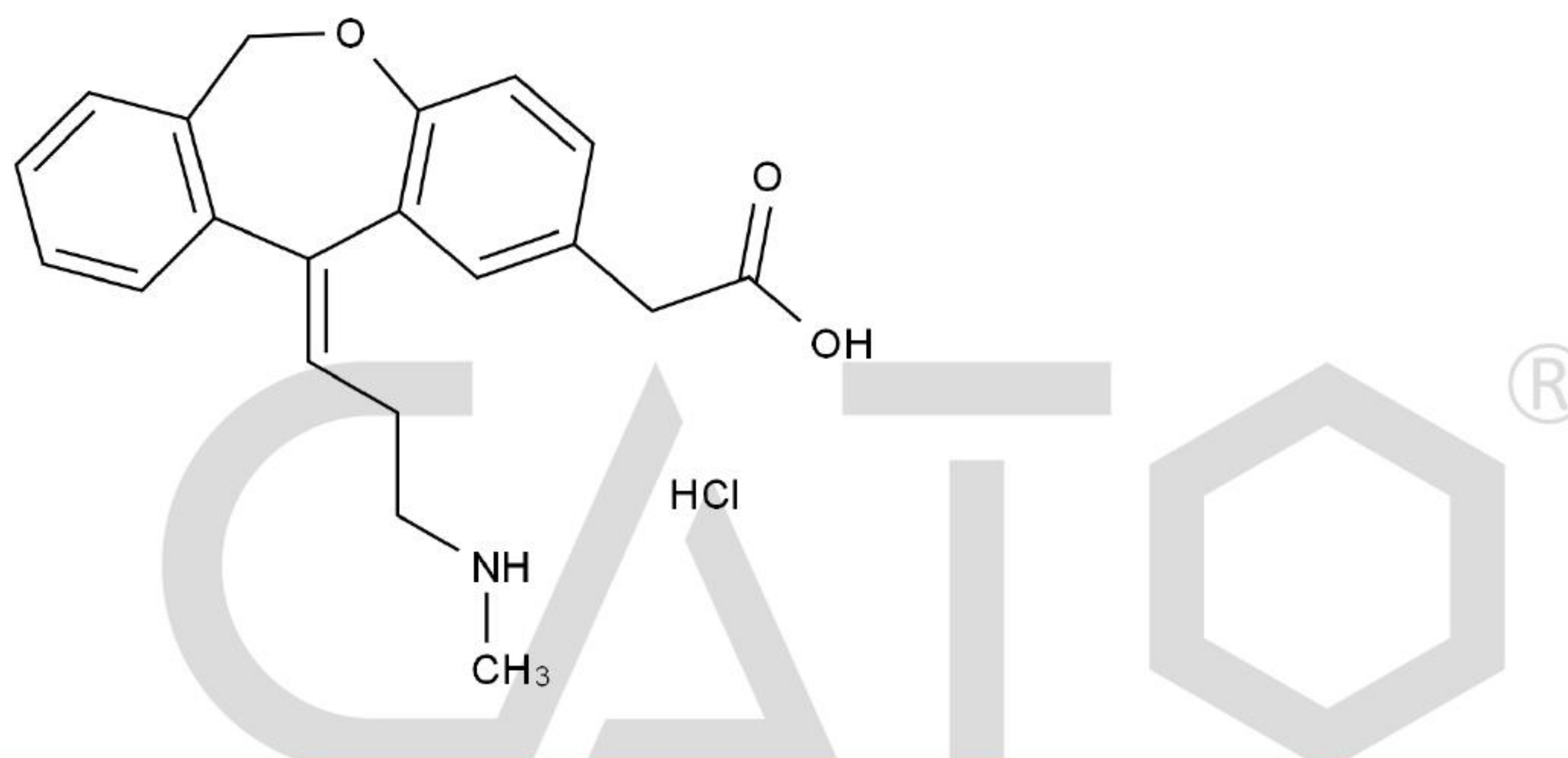


Certificate of Analysis

Reference Material & Standard

Product Name:	Olopatadine Impurity 39 HCl	Catalogue Number:	C4X-171839
Synonyms:	N/A	Lot Number:	1107-RG-0016
CAS Number:	N/A	Expiry Date:	Nov 02, 2029
Molecular Formula:	C ₂₀ H ₂₁ NO ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	323.39 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.779%
Water Content	Karl Fischer	0.48%
Residual Solvents	NMR	Not detected in NMR
Assay		98.3%

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:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 10, 2025

Date: Nov 11, 2025

Date: Nov 11, 2025



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