

Certificate of Analysis

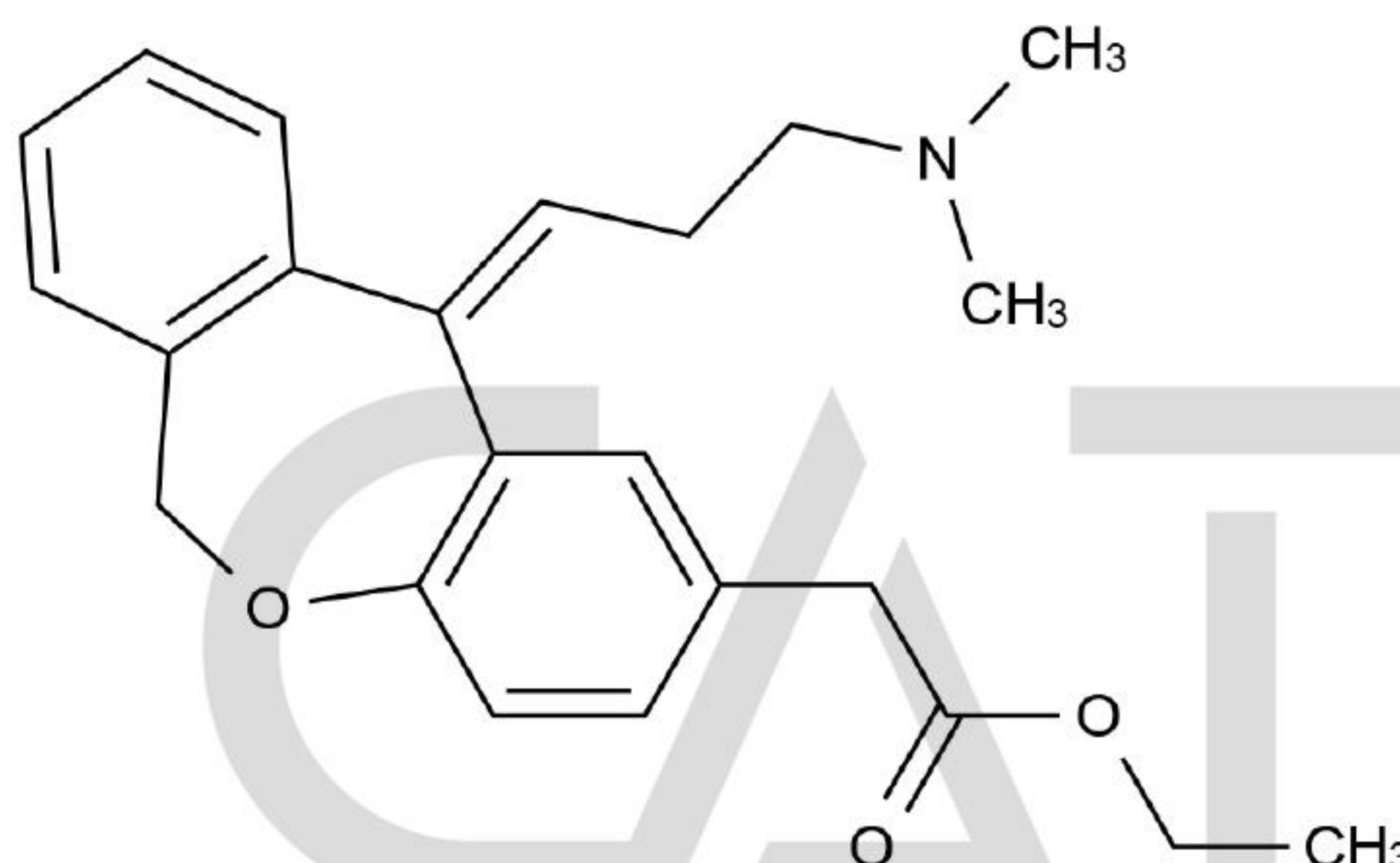
Reference Material & Standard

Product Name:	Olopatadine Ethyl Ester (HCl)	Catalogue Number:	C1070290
Synonyms:	N/A	Lot Number:	0520-RH-0093
CAS Number:	113806-03-4	Expiry Date:	Jun 23, 2029
Molecular Formula:	C ₂₃ H ₂₇ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	365.47	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.76%
Water Content	Karl Fischer	0.27%
Residual Solvents	NMR	0.54% acetonitrile
Assay		99.0%

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: May 25, 2026

Date: May 26, 2026

Date: May 26, 2026



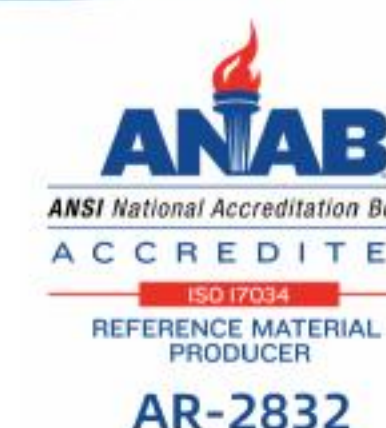
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