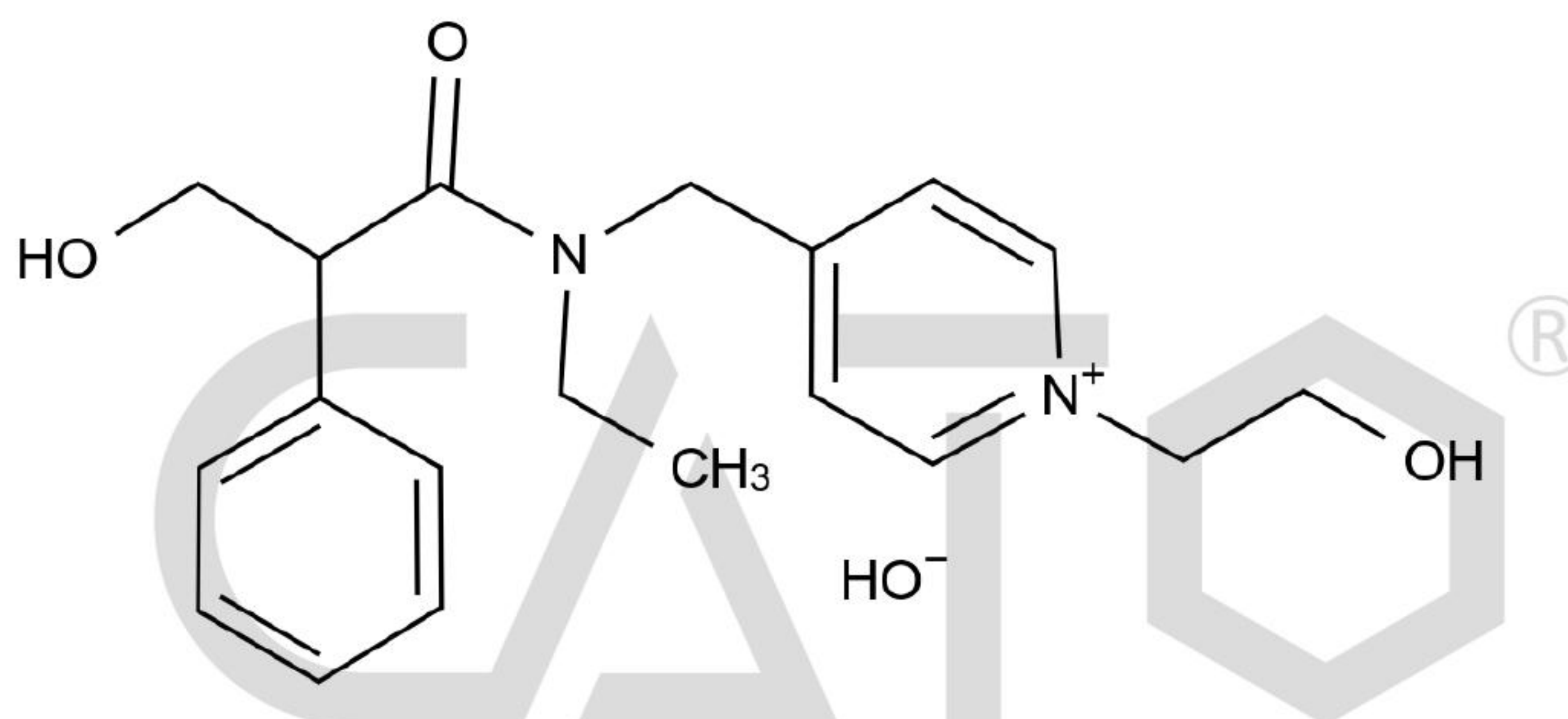


Certificate of Analysis

Reference Material & Standard

Product Name:	Tropicamide Impurity 18	Catalogue Number:	C4X-215018
Synonyms:	N/A	Lot Number:	0813-RH-0079
CAS Number:	N/A	Expiry Date:	Aug 09, 2030
Molecular Formula:	C ₁₉ H ₂₅ N ₂ O ₃ HO	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	329.41 17.01	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Black Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.1357%
Water Content	Karl Fischer	1.489%
Residual Solvents	NMR	Not detected in NMR
Assay		94.7%

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: Aug 18, 2026

Date: Aug 18, 2026

Date: Aug 18, 2026



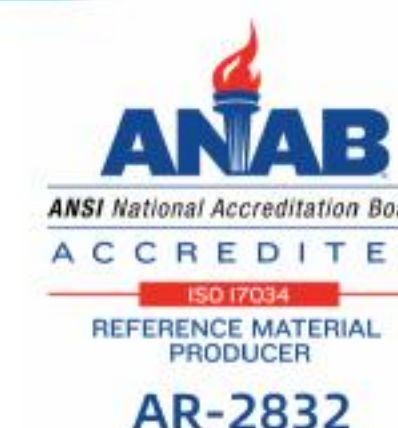
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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