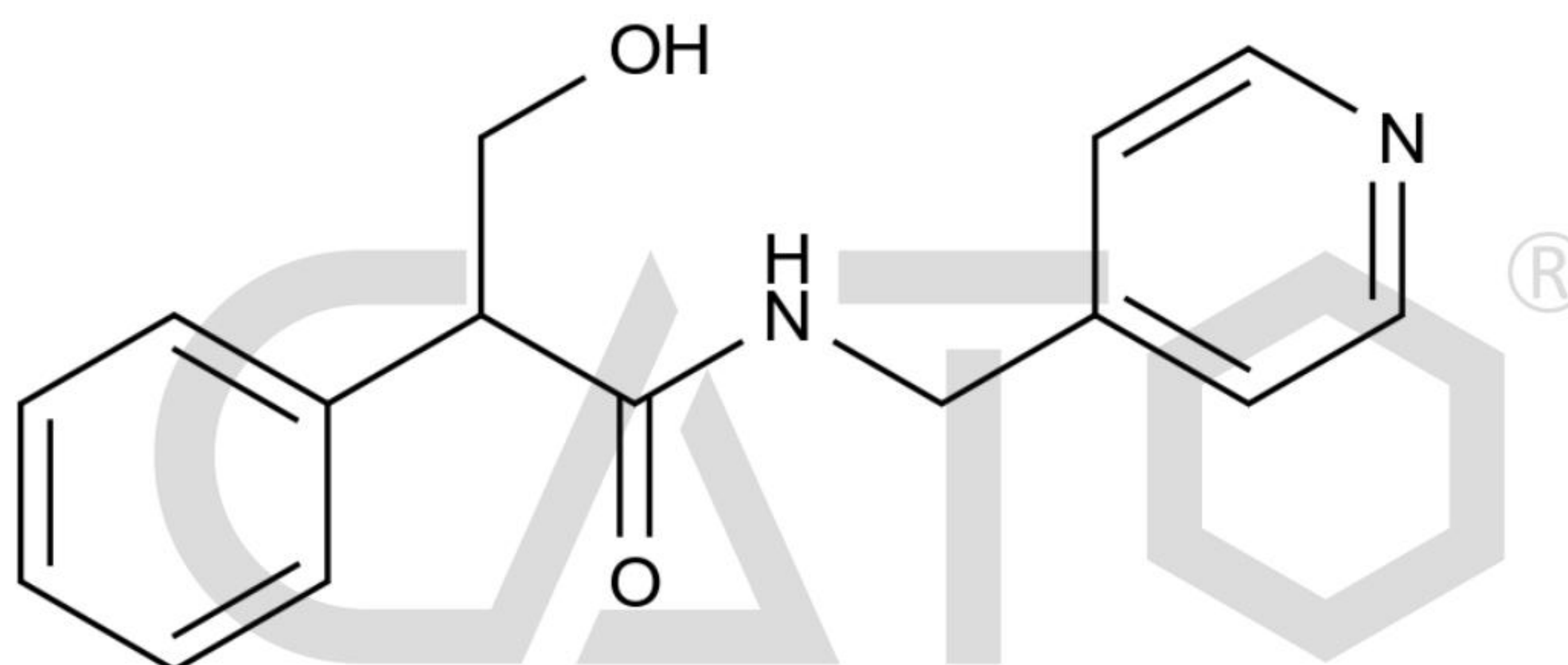


Certificate of Analysis

Reference Material & Standard

Product Name:	Tropicamide Impurity 11	Catalogue Number:	C4X-215011
Synonyms:	N/A	Lot Number:	0706-RH-0022
CAS Number:	101112-51-0	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₁₅ H ₁₆ N ₂ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	256.30	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.635%
Loss on Drying	TGA	1.6191%
Assay		97.0%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 08, 2026

Date: Jul 08, 2026

Date: Jul 08, 2026



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