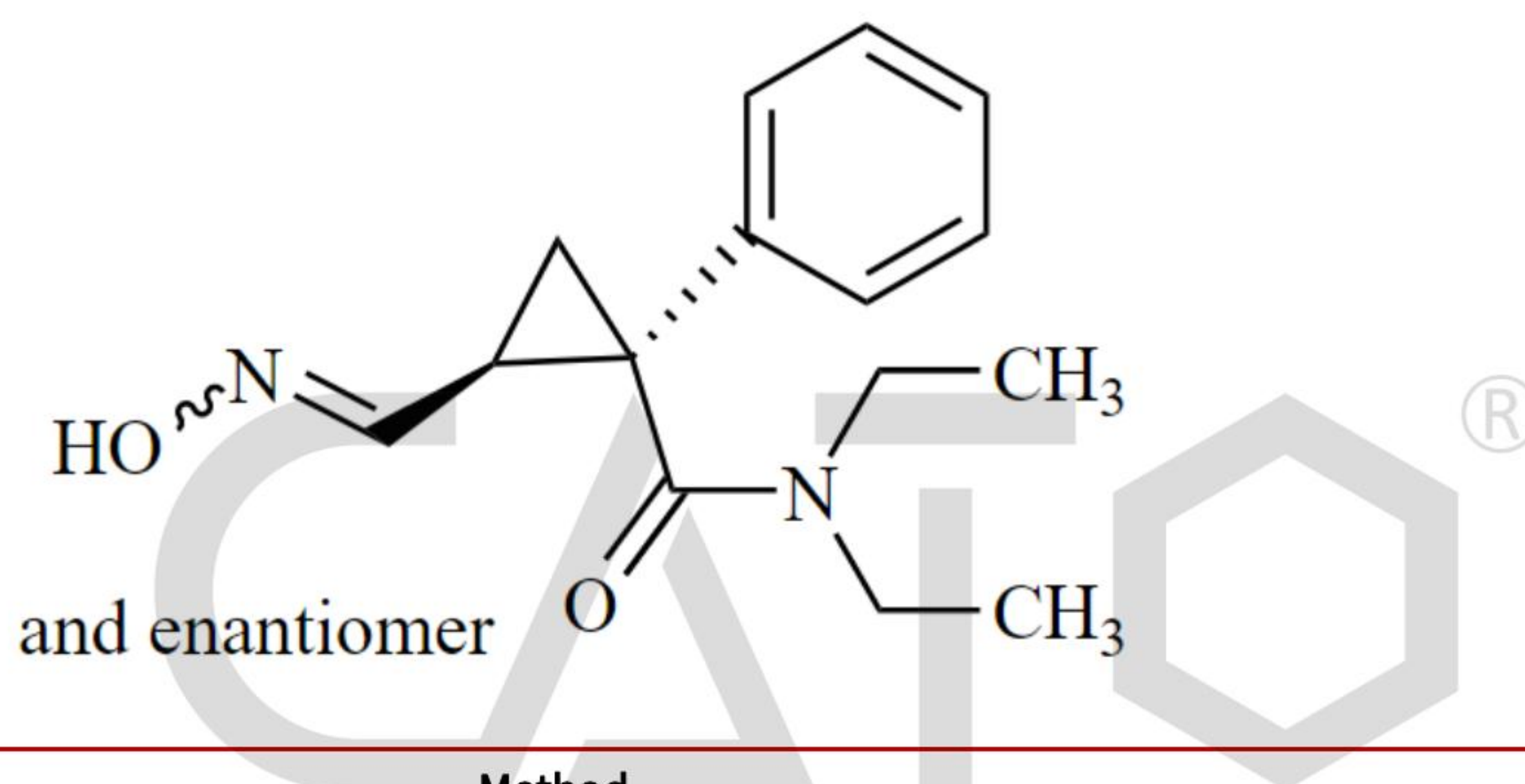


Certificate of Analysis

Reference Material & Standard

Product Name:	Milnacipran impurity 32	Catalogue Number:	C4X-103332
Synonyms:	N/A	Lot Number:	1122-RF-0031
CAS Number:	3026111-66-7	Expiry Date:	Nov 10, 2027
Molecular Formula:	C ₁₅ H ₂₀ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	260.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.0000%
Water Content	Karl Fischer	0.20%
Residual Solvents	NMR	Not detected in NMR
Assay		99.8%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 25, 2024

Date: Nov 26, 2024

Date: Nov 26, 2024

