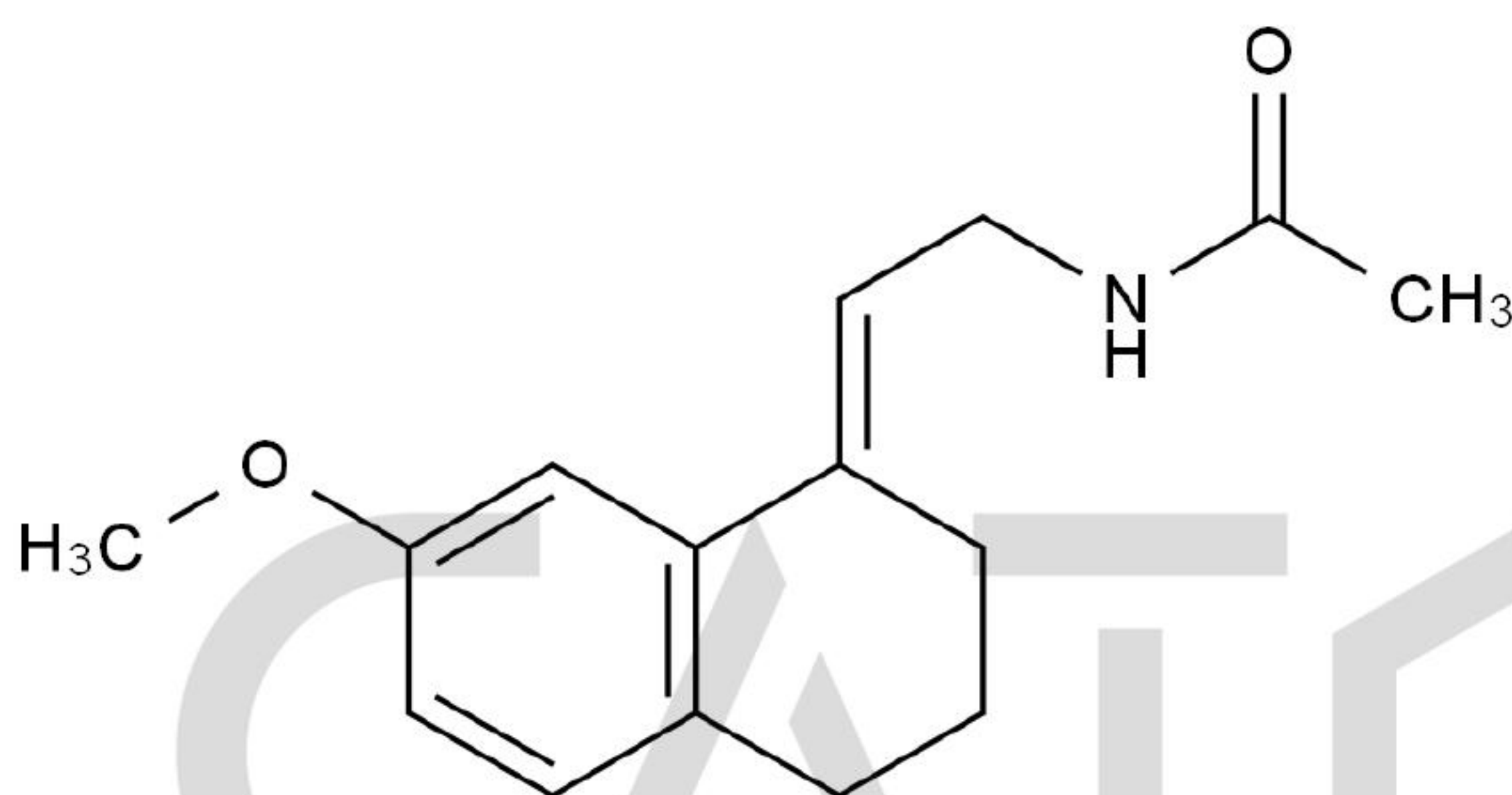


Certificate of Analysis

Reference Material & Standard

Product Name:	Agomelatine Impurity 20	Catalogue Number:	C4X-110820
Synonyms:	N/A	Lot Number:	0110-RG-0020
CAS Number:	178677-39-9	Expiry Date:	Jan 02, 2028
Molecular Formula:	C15H19NO2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	245.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.211%
Water Content	Karl Fischer	0.43%
Residual Solvents	NMR	Not detected in NMR
Assay		98.8%

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:

Lisa

Approved by General Manager:

David

Date: Jan 10, 2025

Date: Jan 10, 2025

Date: Jan 10, 2025

