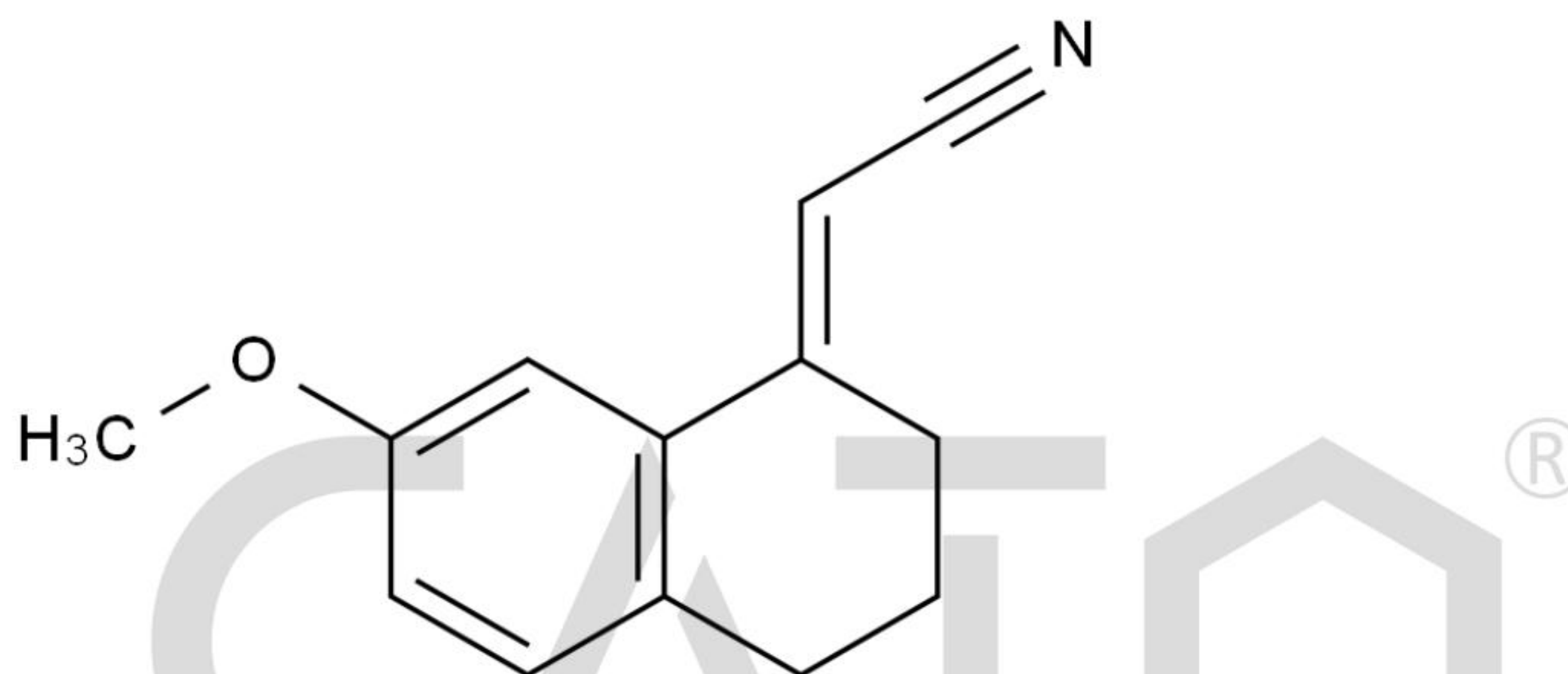


Certificate of Analysis

Reference Material & Standard

Product Name:	Agomelatine Impurity 23	Catalogue Number:	C4X-110823
Synonyms:	N/A	Lot Number:	0928-RE-0071
CAS Number:	178676-65-8	Expiry Date:	Jul 13, 2029
Molecular Formula:	C ₁₃ H ₁₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	199.25		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.927%
Water Content	Karl Fischer	0.13%
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: Jul 18, 2025

Date: Jul 18, 2025

Date: Jul 18, 2025

