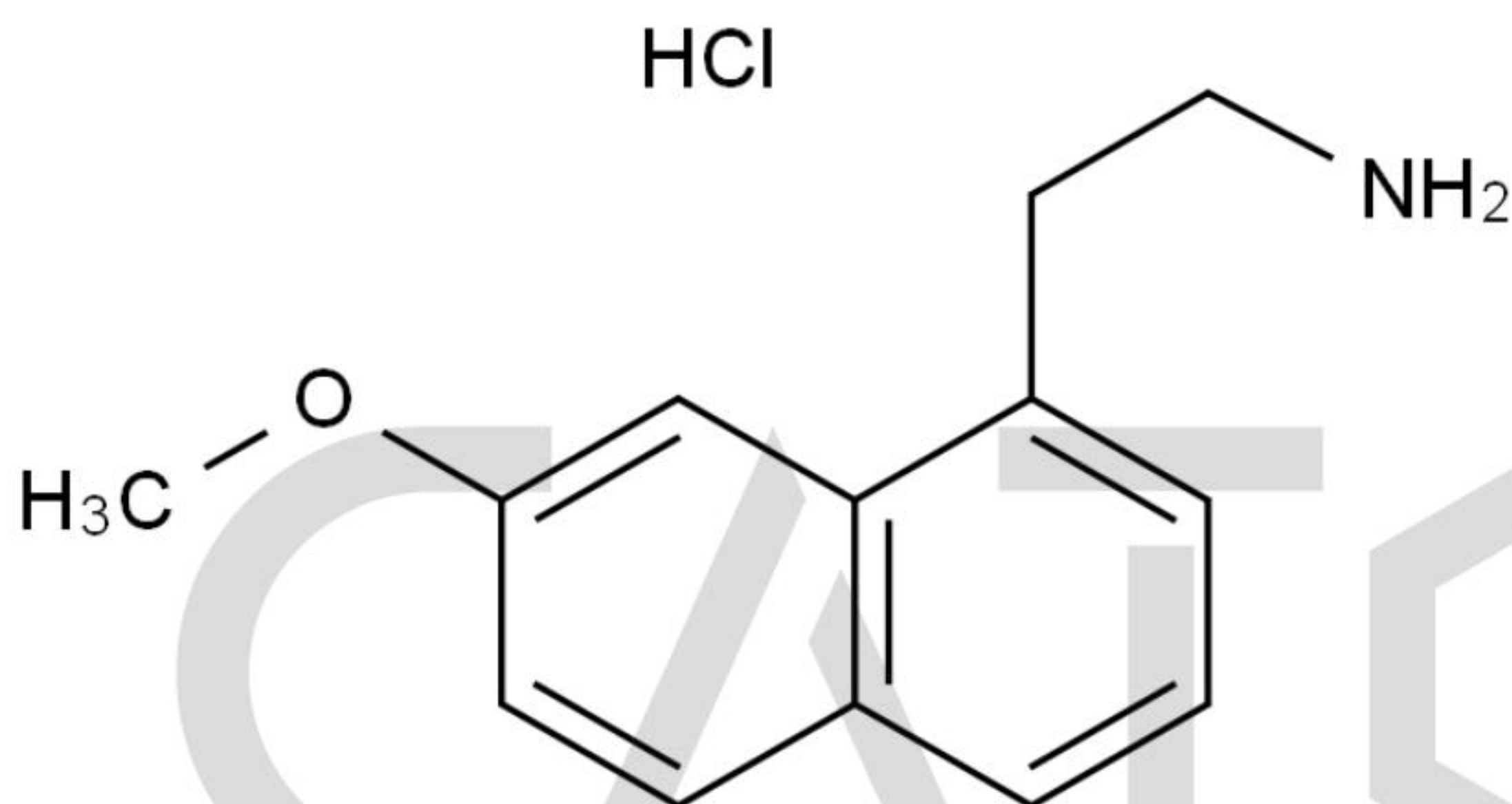


Certificate of Analysis

Reference Material & Standard

Product Name:	Agomelatine Impurity 14	Catalogue Number:	C4X-110814
Synonyms:	N/A	Lot Number:	0110-RG-0021
CAS Number:	139525-77-2	Expiry Date:	Jan 03, 2028
Molecular Formula:	C ₁₃ H ₁₅ NO HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	201.26 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.52%
Residual Solvents	NMR	Not detected in NMR
Assay		99.5%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 27, 2026

Date: Jul 27, 2026

Date: Jul 27, 2026



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