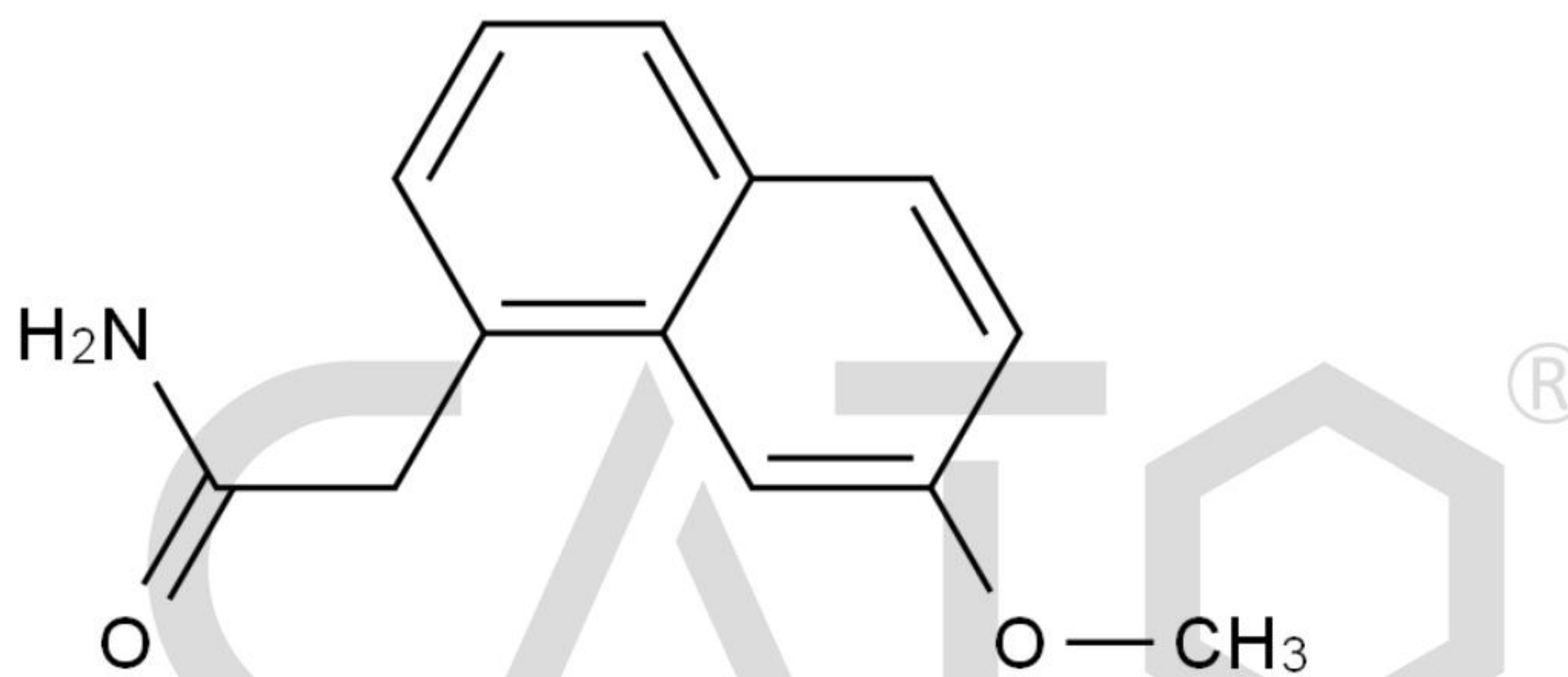


Certificate of Analysis

Reference Material & Standard

Product Name:	Agomelatine Impurity 11	Catalogue Number:	C4X-110811
Synonyms:	N/A	Lot Number:	0130-RH-0083
CAS Number:	138113-07-2	Expiry Date:	Feb 04, 2030
Molecular Formula:	C ₁₃ H ₁₃ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	215.25	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.893%
Loss On Drying	TGA	0.0857%
Assay		99.8%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 05, 2026

Date: Feb 05, 2026

Date: Feb 05, 2026



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