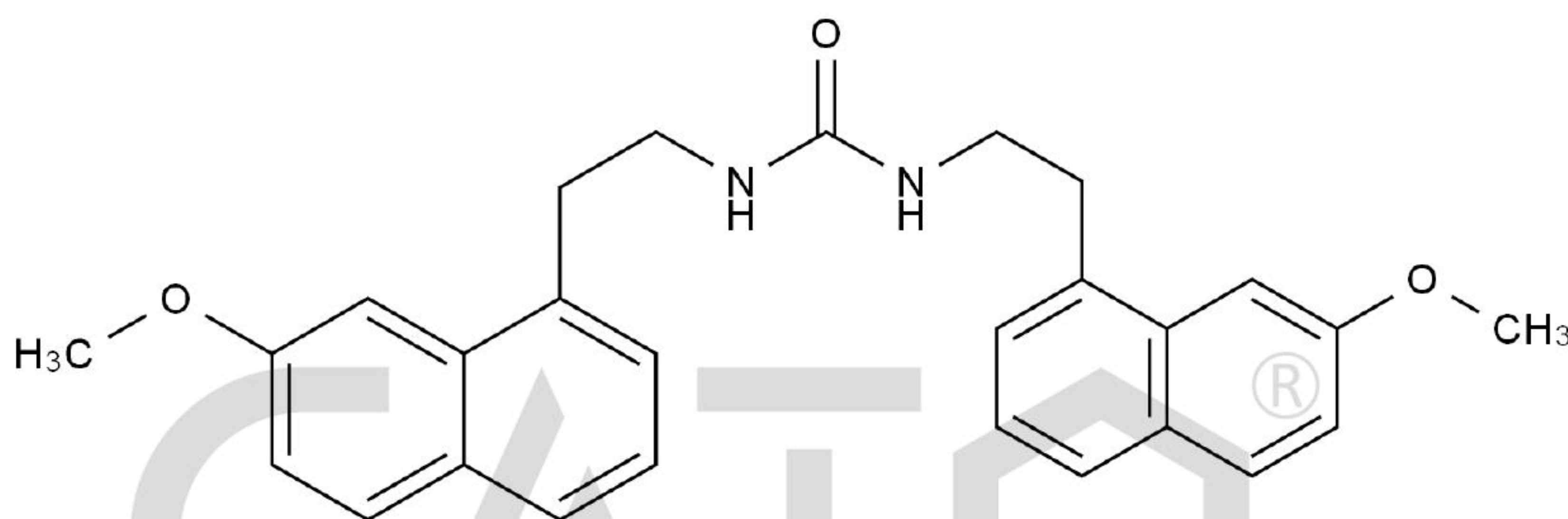


Certificate of Analysis

Reference Material & Standard

Product Name:	Agomelatine Impurity 2	Catalogue Number:	C4X-11082
Synonyms:	N/A	Lot Number:	0105-RF-0020
CAS Number:	185421-27-6	Expiry Date:	Jan 07, 2027
Molecular Formula:	C ₂₇ H ₂₈ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	428.52		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.316%
Loss On Drying	TGA	0.0932%
Assay		99.2%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 08, 2024

Date: Jan 08, 2024

Date: Jan 08, 2024

