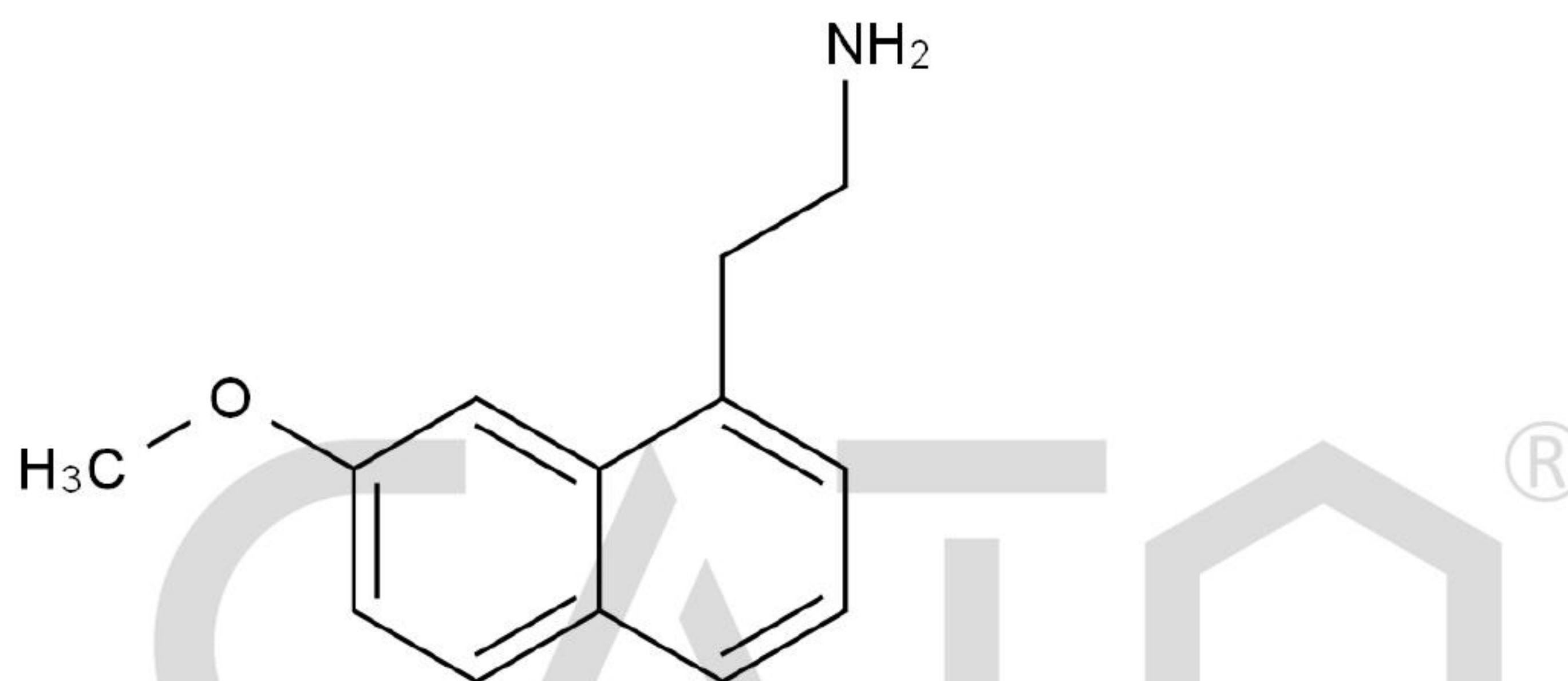


Certificate of Analysis

Reference Material & Standard

Product Name:	Agomelatine Impurity 13	Catalogue Number:	C4X-110813
Synonyms:	N/A	Lot Number:	0304-RF-0039
CAS Number:	138113-09-4	Expiry Date:	Mar 05, 2027
Molecular Formula:	C ₁₃ H ₁₅ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	201.26		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.158%
Loss On Drying	TGA	6.8222%
Assay		91.5%

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

Aporoved by General Manager:

David

Date: Mar 06, 2024

Date: Mar 06, 2024

Date: Mar 06, 2024

