

Certificate of Analysis

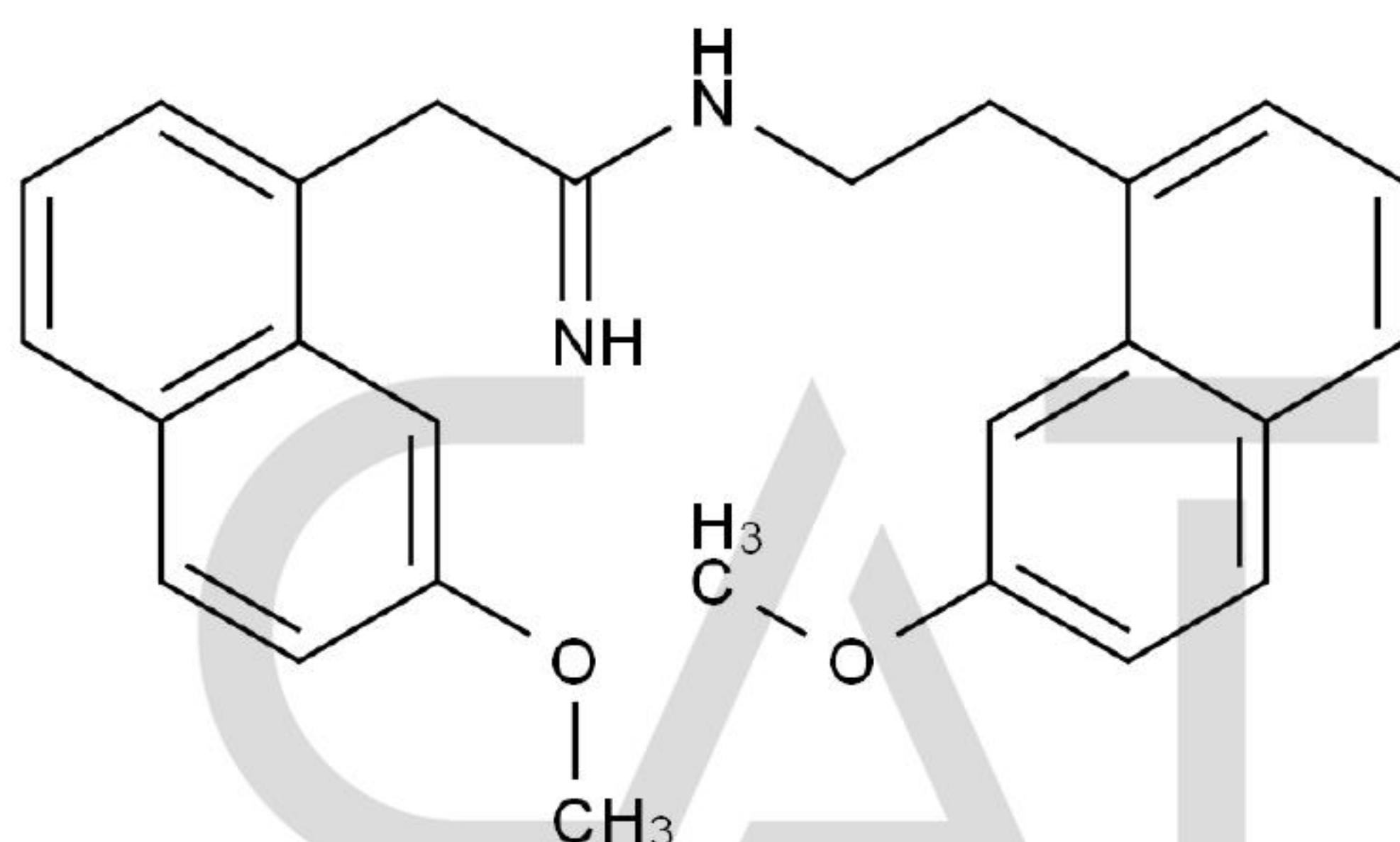
Reference Material & Standard

Product Name:	Agomelatine Impurity 9	Catalogue Number:	C4X-11089
Synonyms:	N/A	Lot Number:	0619-RF-0041
CAS Number:	N/A	Expiry Date:	Jun 23, 2027
Molecular Formula:	C ₂₆ H ₂₆ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	398.50	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.036%
Loss On Drying	TGA	0.6252%
Assay		95.4%

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

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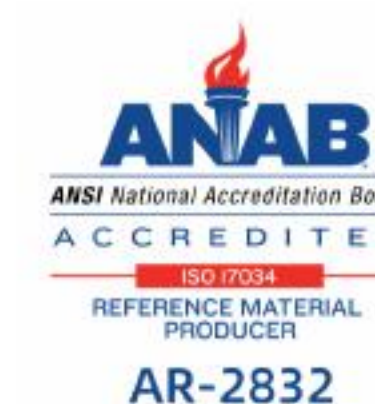
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