

Certificate of Analysis

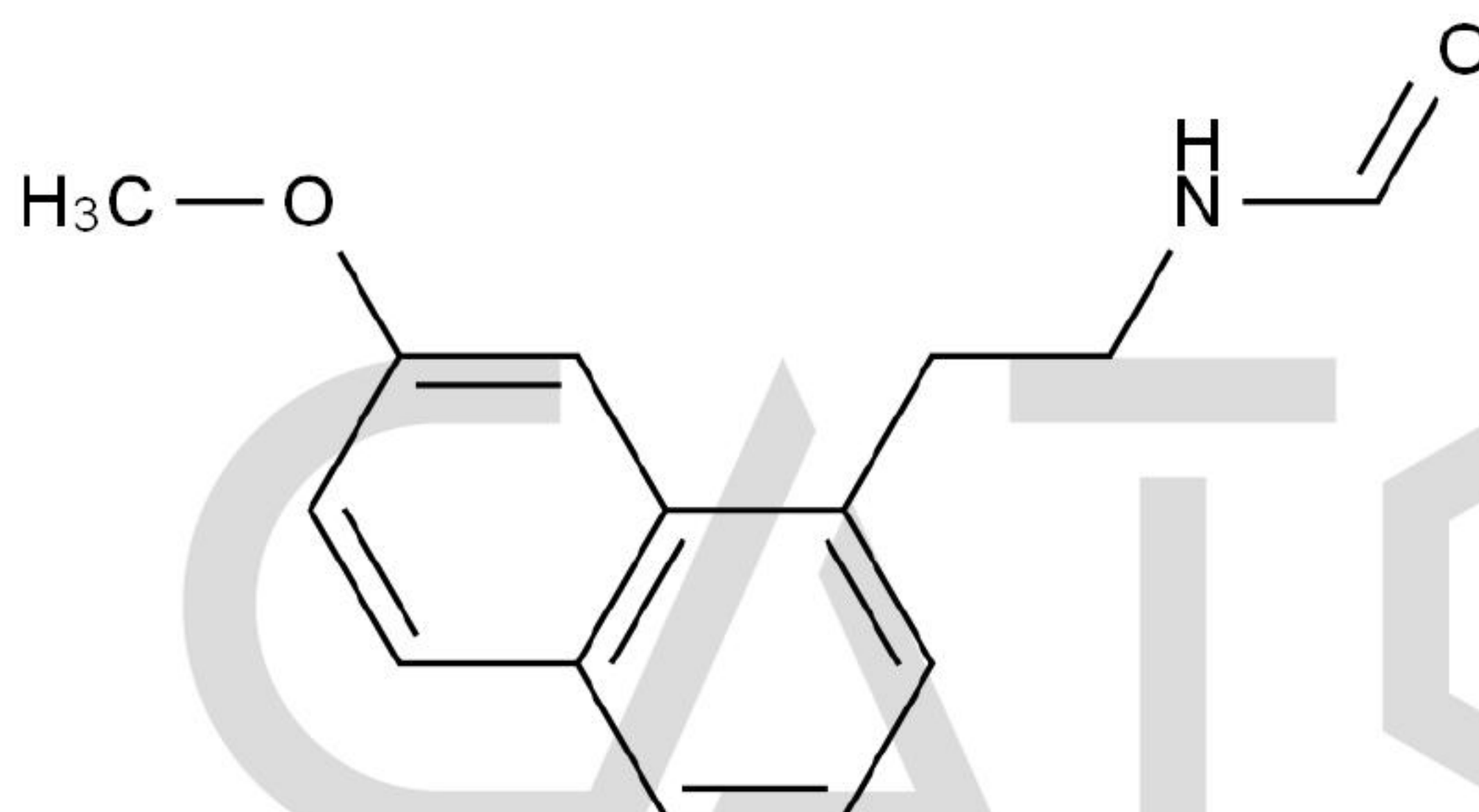
Reference Material & Standard

Product Name:	N-Deacetyl-N-Formyl Agomelatine	Catalogue Number:	CP114433
Synonyms:	N/A	Lot Number:	1025-RD-0027
CAS Number:	138113-05-0	Expiry Date:	Oct 27, 2025
Molecular Formula:	C ₁₄ H ₁₅ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	229.27		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.1302%
Assay		99.9%

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:

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Hinlam

Approved by General Manager:

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Date: Oct 28, 2022

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