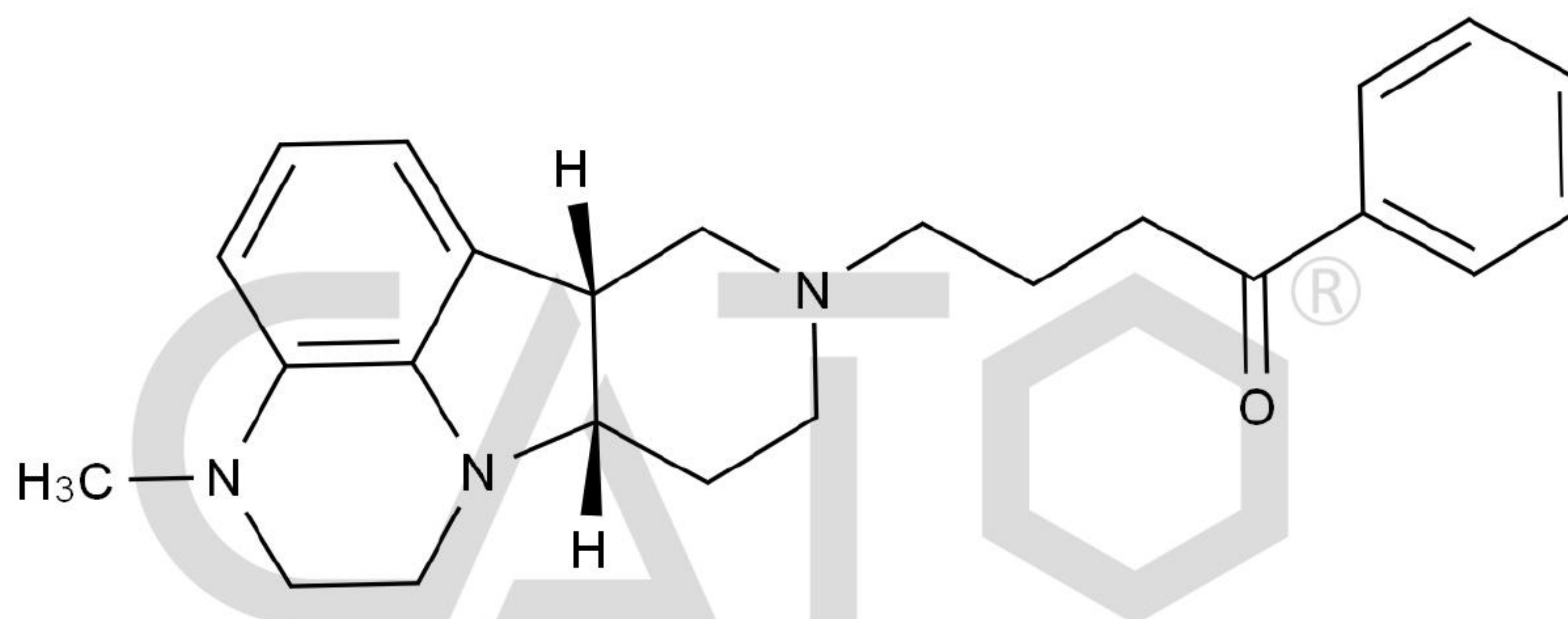


Certificate of Analysis

Reference Material & Standard

Product Name:	Lumateperone Impurity 19	Catalogue Number:	C4X-22019
Synonyms:	N/A	Lot Number:	0727-RH-0144
CAS Number:	1576239-82-1	Expiry Date:	Apr 05, 2030
Molecular Formula:	C ₂₄ H ₂₉ N ₃ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	375.51	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.8984%
Loss on Drying	TGA	0.2551%
Assay		96.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 28, 2026

Date: Jul 28, 2026

Date: Jul 28, 2026



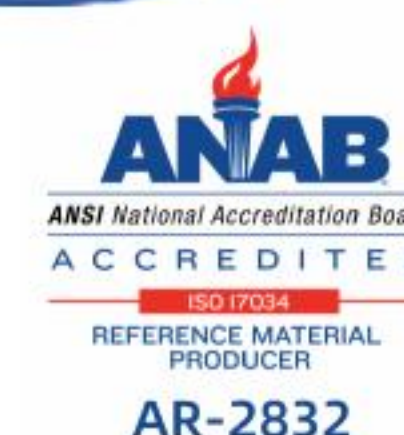
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