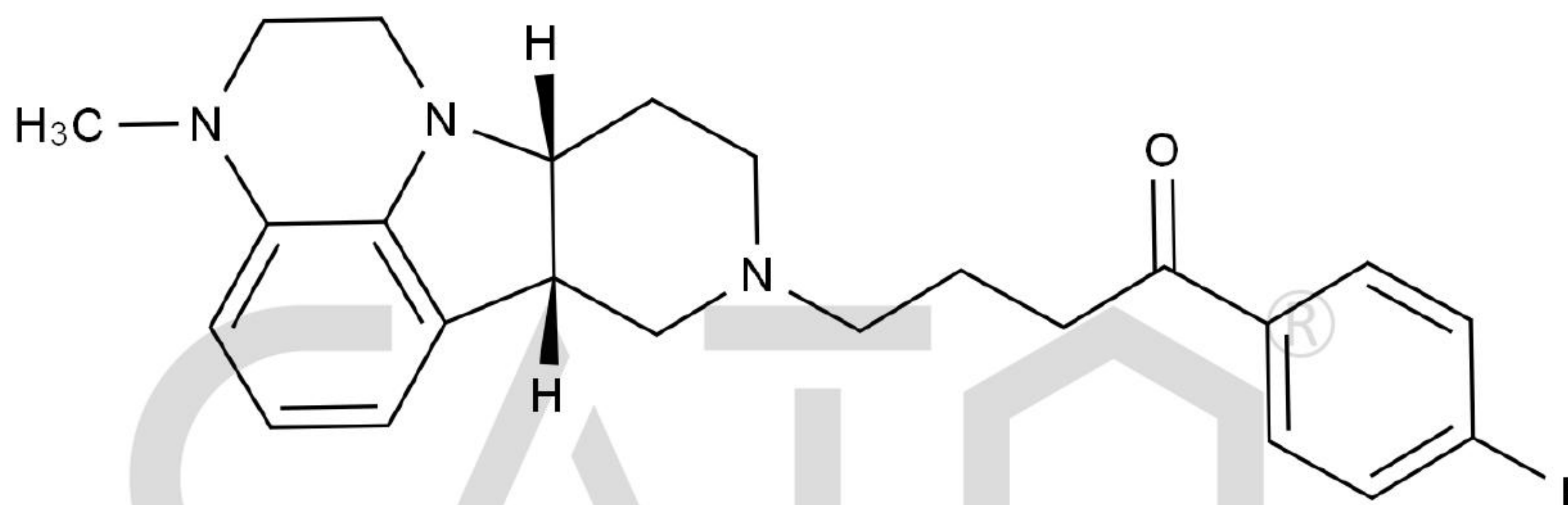


Certificate of Analysis

Reference Material & Standard

Product Name:	Lumateperone Impurity 1	Catalogue Number:	C4X-22011
Synonyms:	N/A	Lot Number:	0727-RH-0143
CAS Number:	313368-92-2	Expiry Date:	Jul 16, 2029
Molecular Formula:	C ₂₄ H ₂₈ FN ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	393.50	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Oil
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	96.3647%
Loss on Drying	TGA	4.8996%
Assay		91.6%

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:

Reviewed by:

Approved by General Manager:

Date: Jul 28, 2026

Date: Jul 30, 2026

Date: Jul 30, 2026



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