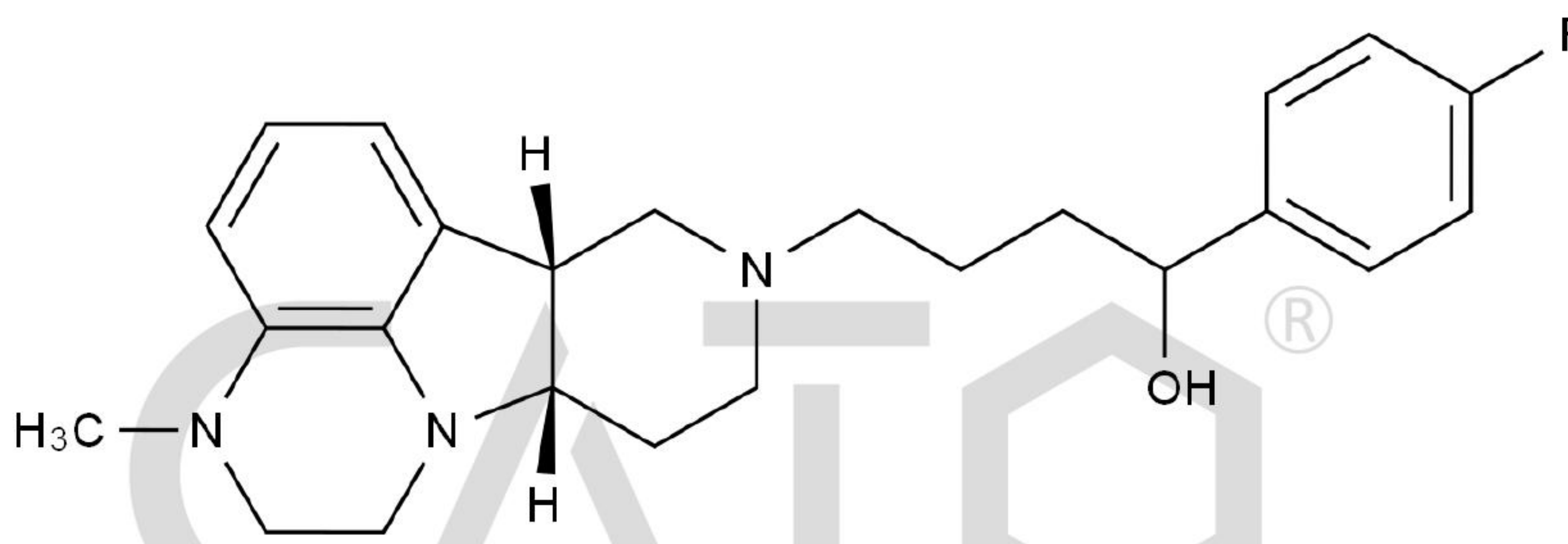


Certificate of Analysis

Reference Material & Standard

Product Name:	Lumateperone Impurity 18	Catalogue Number:	C4X-22018
Synonyms:	N/A	Lot Number:	0929-RF-0082
CAS Number:	1469343-42-7	Expiry Date:	Mar 18, 2030
Molecular Formula:	C ₂₄ H ₃₀ FN ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	395.51	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.292%
Water Content	Karl Fischer	1.49%
Residual Solvents	NMR	2.04% acetonitrile
Assay		95.8%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 26, 2026

Date: May 26, 2026

Date: May 26, 2026



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