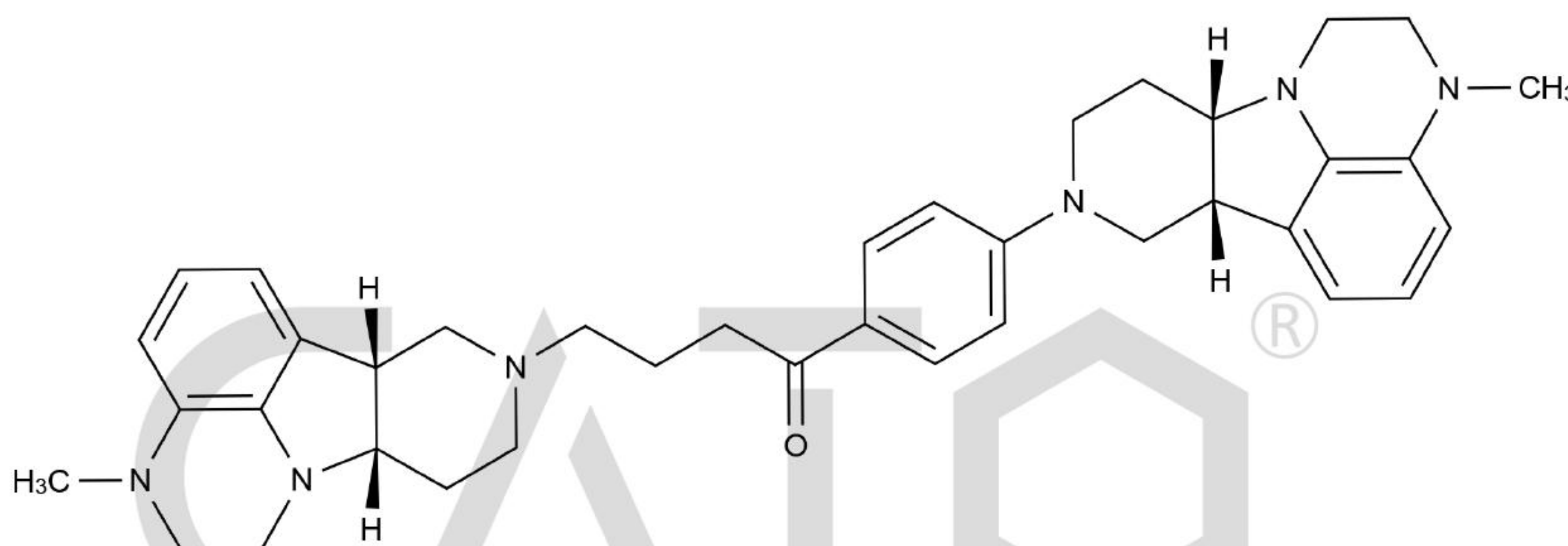


Certificate of Analysis

Reference Material & Standard

Product Name:	Lumateperone Impurity 17	Catalogue Number:	C4X-22017
Synonyms:	N/A	Lot Number:	0430-RH-0011
CAS Number:	2649799-31-3	Expiry Date:	May 20, 2029
Molecular Formula:	C ₃₈ H ₄₆ N ₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	602.81	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.142%
Water Content	Karl Fischer	0.74%
Residual Solvents	NMR	1.35% acetonitrile and 0.57% dichloromethane
Assay		96.5%

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 25, 2026

Date: May 25, 2026

Date: May 25, 2026



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