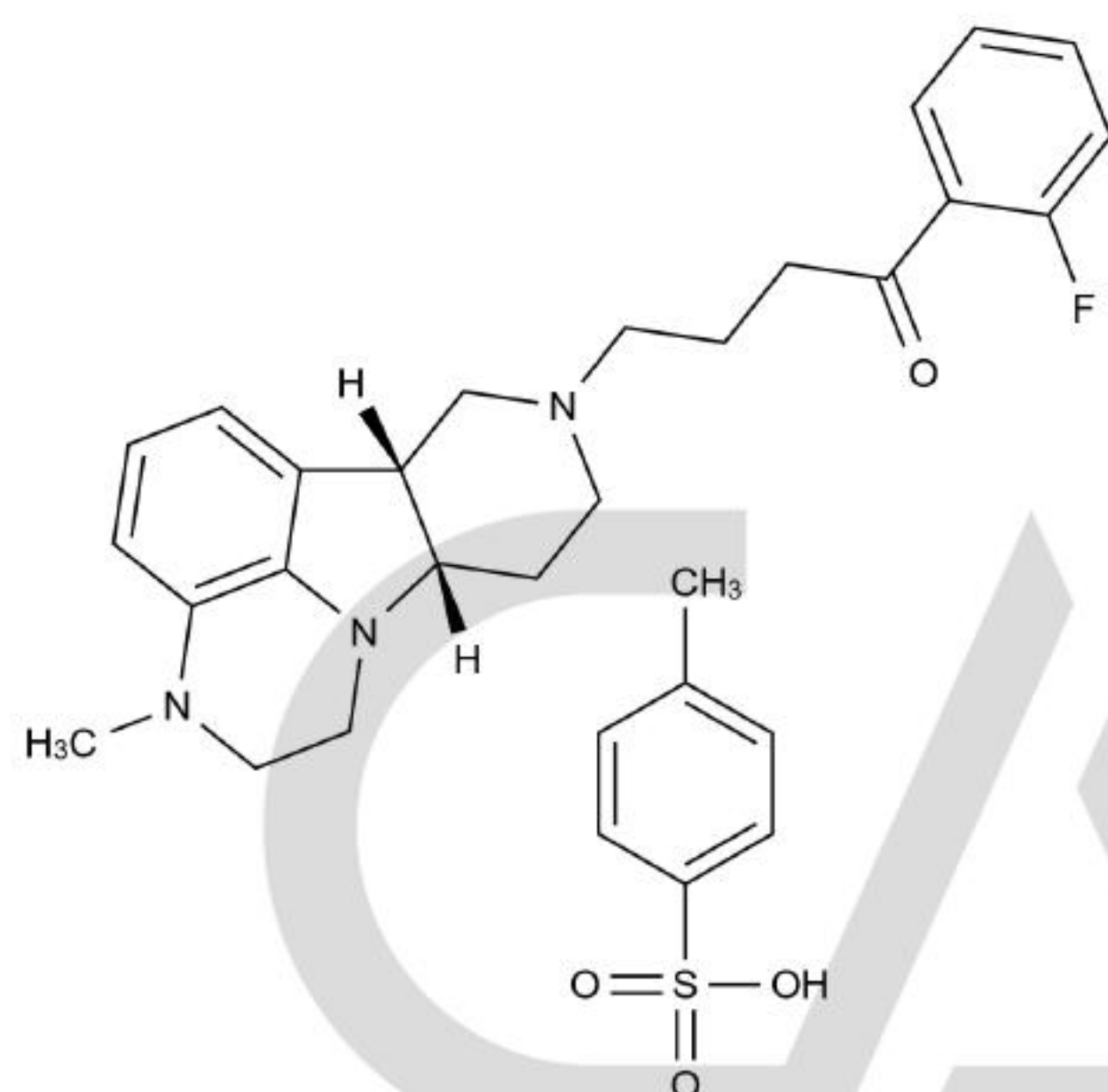


Certificate of Analysis

Reference Material & Standard

Product Name:	Lumateperone Impurity 35 Tosylate Salt	Catalogue Number:	C4X-220135
Synonyms:	N/A	Lot Number:	0511-RH-0128
CAS Number:	N/A	Expiry Date:	Jul 15, 2029
Molecular Formula:	C ₂₄ H ₂₈ FN ₃ O C ₇ H ₈ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	393.50 172.20	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.376%
Water Content	Karl Fischer	0.21%
Residual Solvents	NMR	0.99% ethyl acetate
Assay		97.2%

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 12, 2026

Date: May 12, 2026

Date: May 12, 2026



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