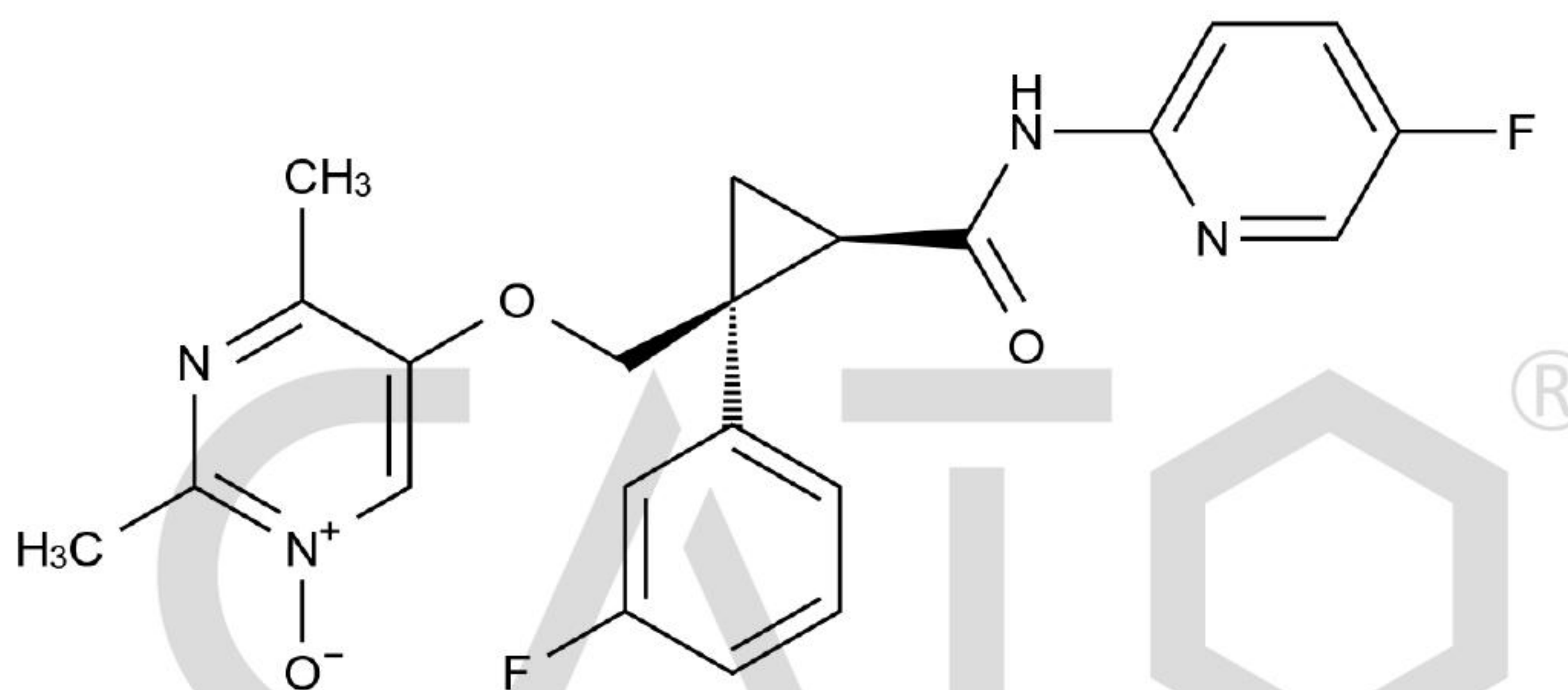


Certificate of Analysis

Reference Material & Standard

Product Name:	Lemborexant Impurity 33	Catalogue Number:	C4X-304233
Synonyms:	N/A	Lot Number:	0802-RH-0075
CAS Number:	1369765-94-5	Expiry Date:	Mar 25, 2028
Molecular Formula:	C ₂₂ H ₂₀ F ₂ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	426.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.243%
Water Content	Karl Fischer	0.18%
Residual Solvents	NMR	1.32% ethyl acetate and 0.61% dichloromethane
Assay		96.2%

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: Aug 03, 2026

Date: Aug 03, 2026

Date: Aug 03, 2026



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