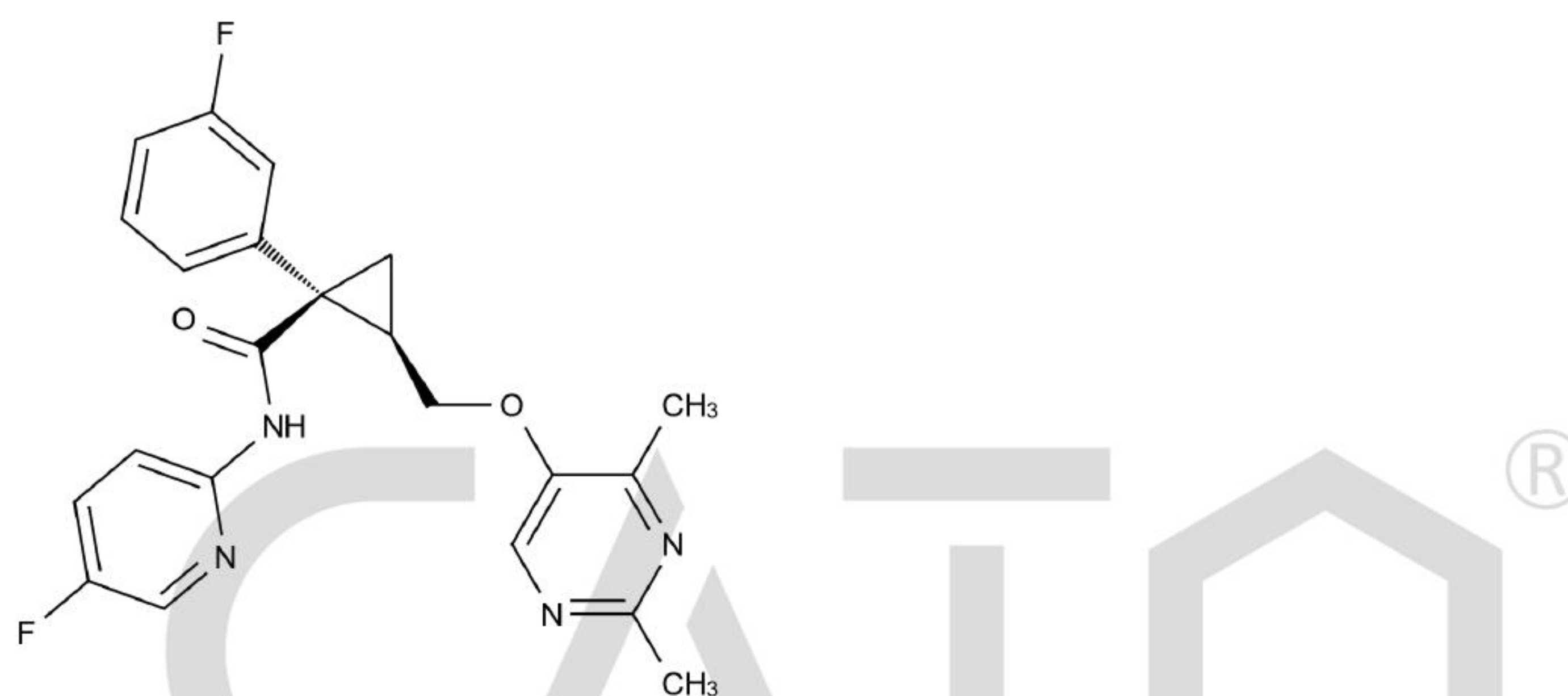


Certificate of Analysis

Reference Material & Standard

Product Name:	Lemborexant impurity 19	Catalogue Number:	C4X-304219
Synonyms:	N/A	Lot Number:	0623-RG-0055
CAS Number:	2541020-19-1	Expiry Date:	Oct 31, 2028
Molecular Formula:	C22H20F2N4O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	410.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Gel
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.577%
Water Content	Karl Fischer	0.61%
Residual Solvents	NMR	0.47% ethyl acetate
Assay		98.5%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 15, 2025

Date: Jul 15, 2025

Date: Jul 15, 2025

