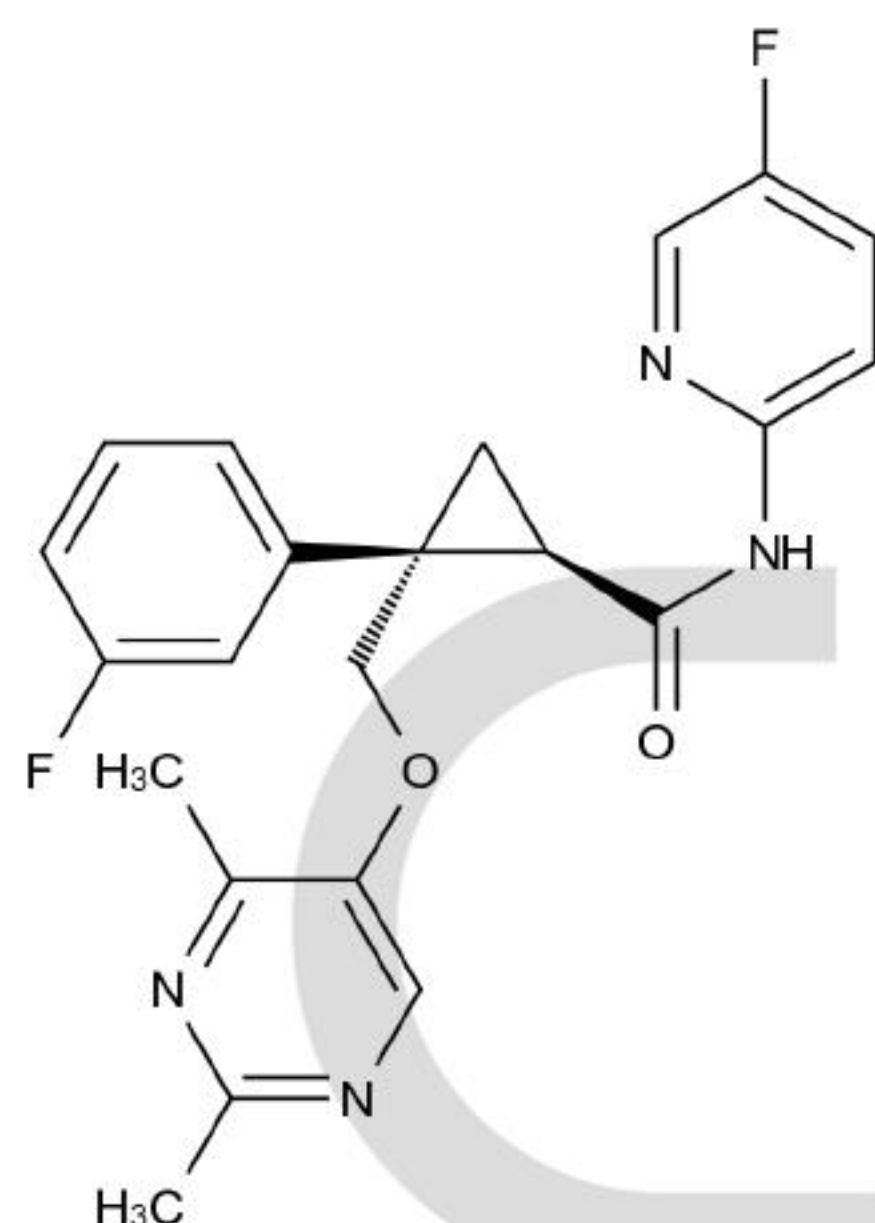


Certificate of Analysis

Reference Material & Standard

Product Name:	Lemborexant impurity 6	Catalogue Number:	C4X-30426
Synonyms:	N/A	Lot Number:	0831-RH-0101
CAS Number:	3070371-41-1	Expiry Date:	May 19, 2028
Molecular Formula:	C ₂₂ H ₂₀ F ₂ N ₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	410.42	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.734%
Water Content	Karl Fischer	0.73%
Residual Solvents	NMR	0.44% methanol
Assay		97.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 14, 2026

Date: Sep 14, 2026

Date: Sep 14, 2026



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