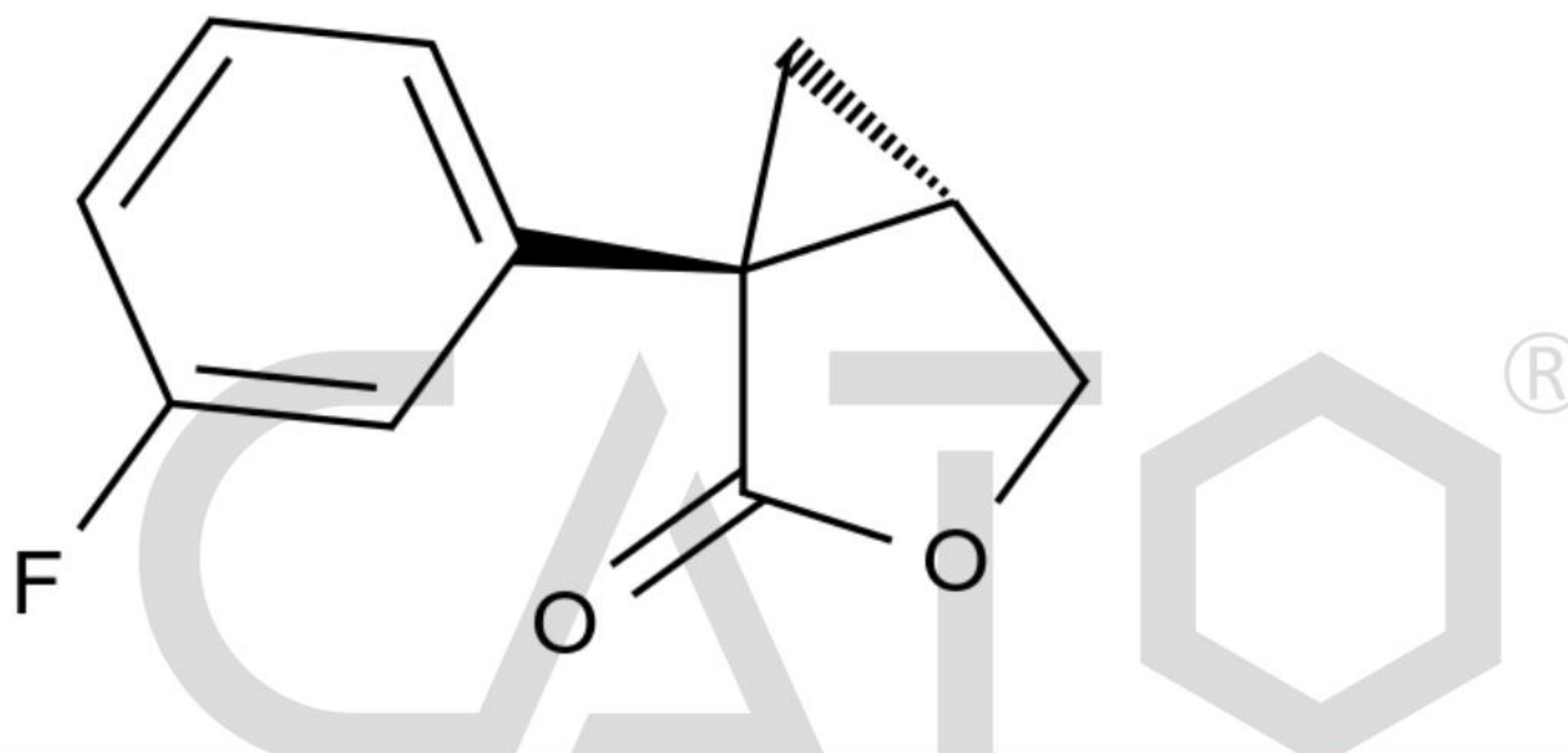


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                |                            |                                           |
|---------------------------|------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Lemborexant Impurity 53                        | <b>Catalogue Number:</b>   | C4X-304253                                |
| <b>Synonyms:</b>          | N/A                                            | <b>Lot Number:</b>         | 0824-RH-0093                              |
| <b>CAS Number:</b>        | N/A                                            | <b>Expiry Date:</b>        | Aug 18, 2030                              |
| <b>Molecular Formula:</b> | C <sub>11</sub> H <sub>9</sub> FO <sub>2</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 192.19                                         | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results                 |
|----------------|-------------------|-------------------------|
| Appearance     | Visual inspection | White Crystalline Solid |
| Identification | LCMS&HNMR         | Confirmed               |
| Purity         | HPLC              | 98.8%                   |
| Assay          | qNMR              | 97.7%                   |

Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Aug 27, 2026

Date: Aug 27, 2026

Date: Aug 27, 2026



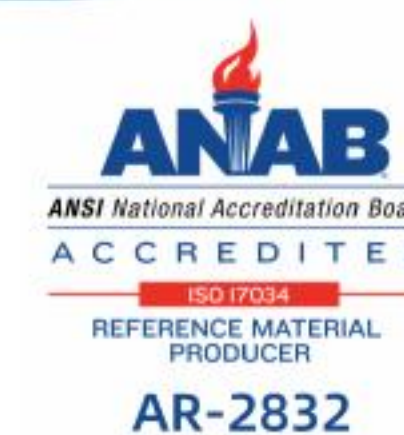
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: [supports@cato-chem.com](mailto:supports@cato-chem.com)

Web: <https://www.cato-chem.com>

Page 1 of 7



Official  
WeChat