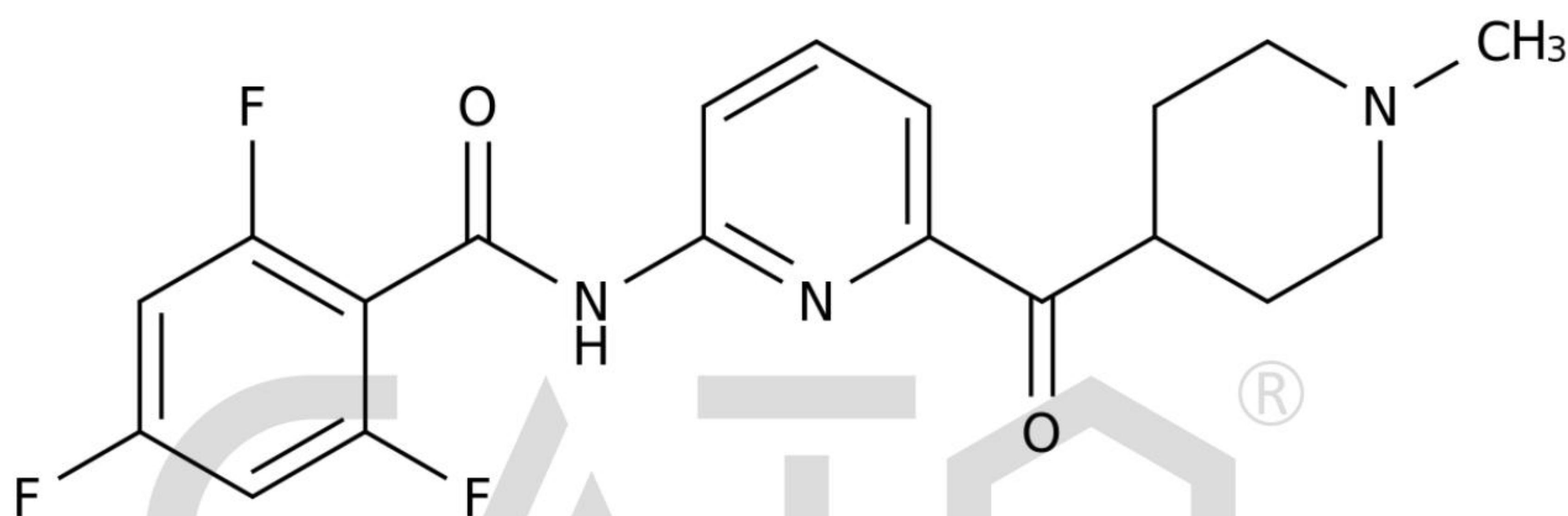


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                              |                   |                                           |
|--------------------|------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Lasmiditan                                                                   | Catalogue Number: | C4X-2478                                  |
| Synonyms:          | N/A                                                                          | Lot Number:       | 0311-RD-0026                              |
| CAS Number:        | 439239-90-4                                                                  | Expiry Date:      | Jan 29, 2027                              |
| Molecular Formula: | C <sub>19</sub> H <sub>18</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 377.36                                                                       |                   |                                           |

Chemical Structure:



| Test Items          | Method            | Results      |
|---------------------|-------------------|--------------|
| Appearance          | Visual inspection | Yellow Solid |
| Identification      | LCMS&IR&UV&HNMR   | Confirmed    |
| Purity              | HPLC              | 99.422%      |
| Residue on Ignition | Muffle Furnace    | 0.06%        |
| Loss On Drying      | TGA               | 0.4967%      |
| Assay               |                   | 98.9%        |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) \* Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jan 30, 2024

Date: Jan 31, 2024

Date: Jan 31, 2024

