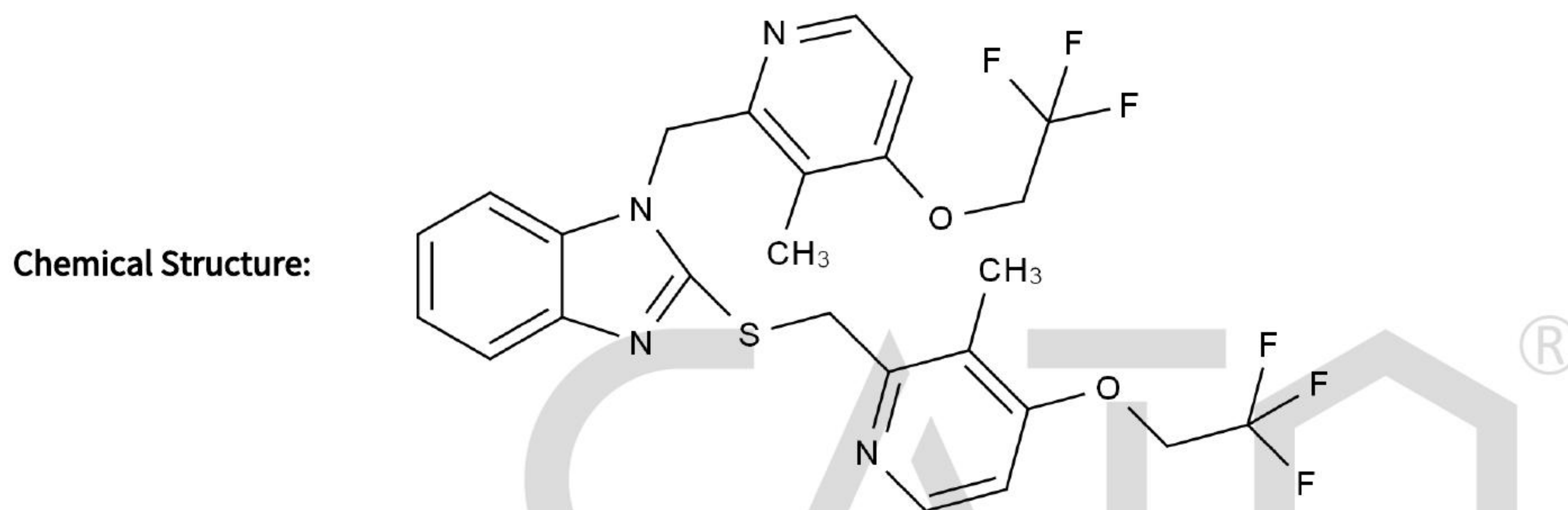


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                                |                   |                                           |
|--------------------|--------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Lansoprazole Impurity 10                                                       | Catalogue Number: | C4X-111310                                |
| Synonyms:          | N/A                                                                            | Lot Number:       | 0603-RF-0028                              |
| CAS Number:        | 1083100-27-9                                                                   | Expiry Date:      | Jun 03, 2027                              |
| Molecular Formula: | C <sub>25</sub> H <sub>22</sub> F <sub>6</sub> N <sub>4</sub> O <sub>2</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 556.52                                                                         |                   |                                           |



| Test Items        | Method            | Results             |
|-------------------|-------------------|---------------------|
| Appearance        | Visual inspection | Off-White Solid     |
| Identification    | LCMS&HNMR         | Confirmed           |
| Purity            | HPLC              | 98.854%             |
| Water Content     | Karl Fischer      | 0.75%               |
| Residual Solvents | NMR               | Not detected in NMR |
| Assay             |                   | 98.1%               |

## 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: Jun 05, 2024

Date: Jun 06, 2024

Date: Jun 06, 2024

