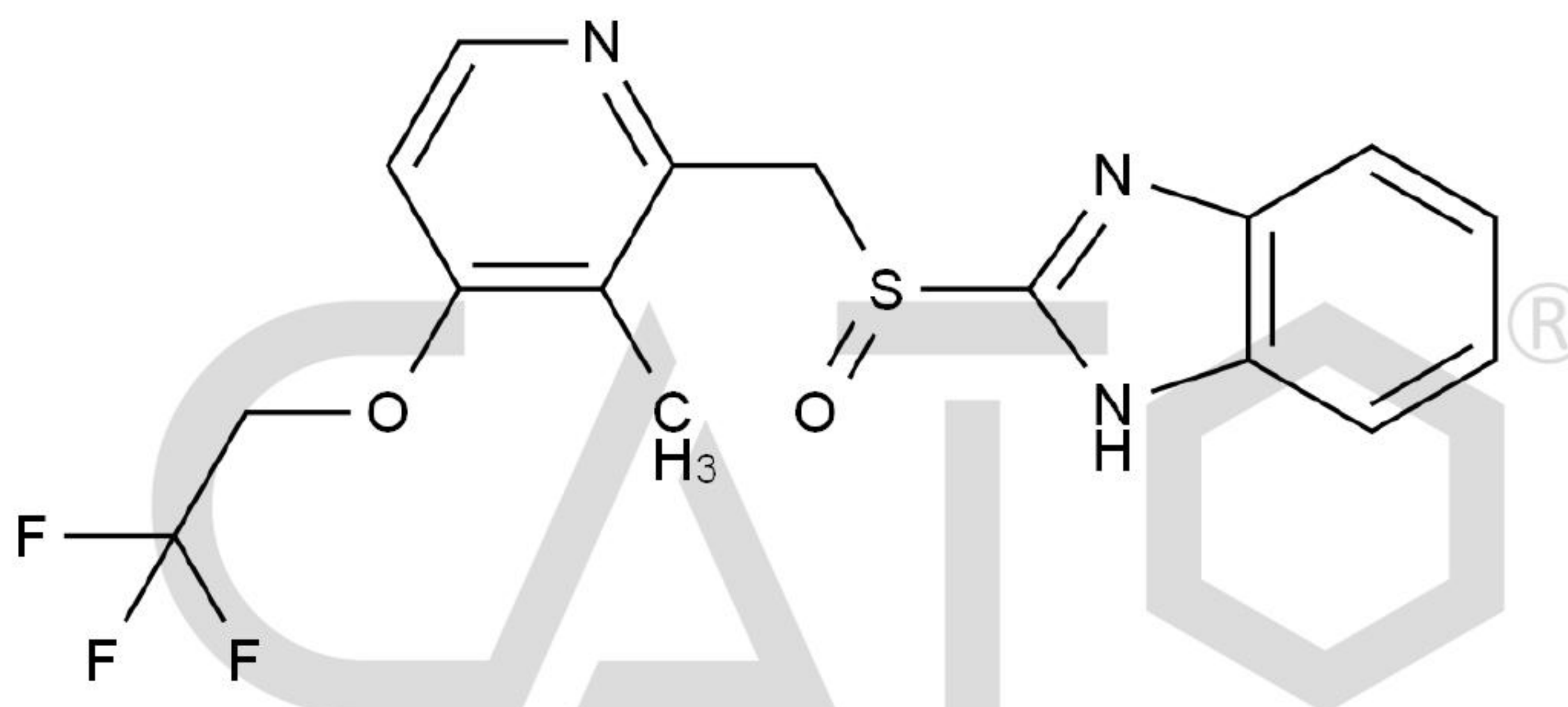


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                                |                     |                                                                                      |
|--------------------|--------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------|
| Product Name:      | Lansoprazole                                                                   | Catalogue Number:   | C4X-1113                                                                             |
| Synonyms:          | N/A                                                                            | Lot Number:         | 0730-RH-0069                                                                         |
| CAS Number:        | 103577-45-3                                                                    | Expiry Date:        | Aug 03, 2030                                                                         |
| Molecular Formula: | C <sub>16</sub> H <sub>14</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub> S | Storage:            | 2°C ~ 8°C Protected from light and Sealed                                            |
| Molecular Weight:  | 369.36                                                                         | Shipping Condition: | Shipping at Room Temperature                                                         |
| Solubility:        | Acetonitrile                                                                   | Warning:            |  |

Chemical Structure:



| Test Items          | Method            | Results         |
|---------------------|-------------------|-----------------|
| Appearance          | Visual inspection | Off-White Solid |
| Identification      | LCMS&HNMR         | Confirmed       |
| Purity              | HPLC              | 97.871%         |
| Residue on Ignition | TGA               | 0.6182%         |
| Loss on Drying      | TGA               | 0.0194%         |
| Assay               |                   | 97.2%           |

## Comment:

The calculation of the mass balance 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:

*Koi*

Approved by General Manager:

*David*

Date: Aug 04, 2026

Date: Aug 04, 2026

Date: Aug 04, 2026



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