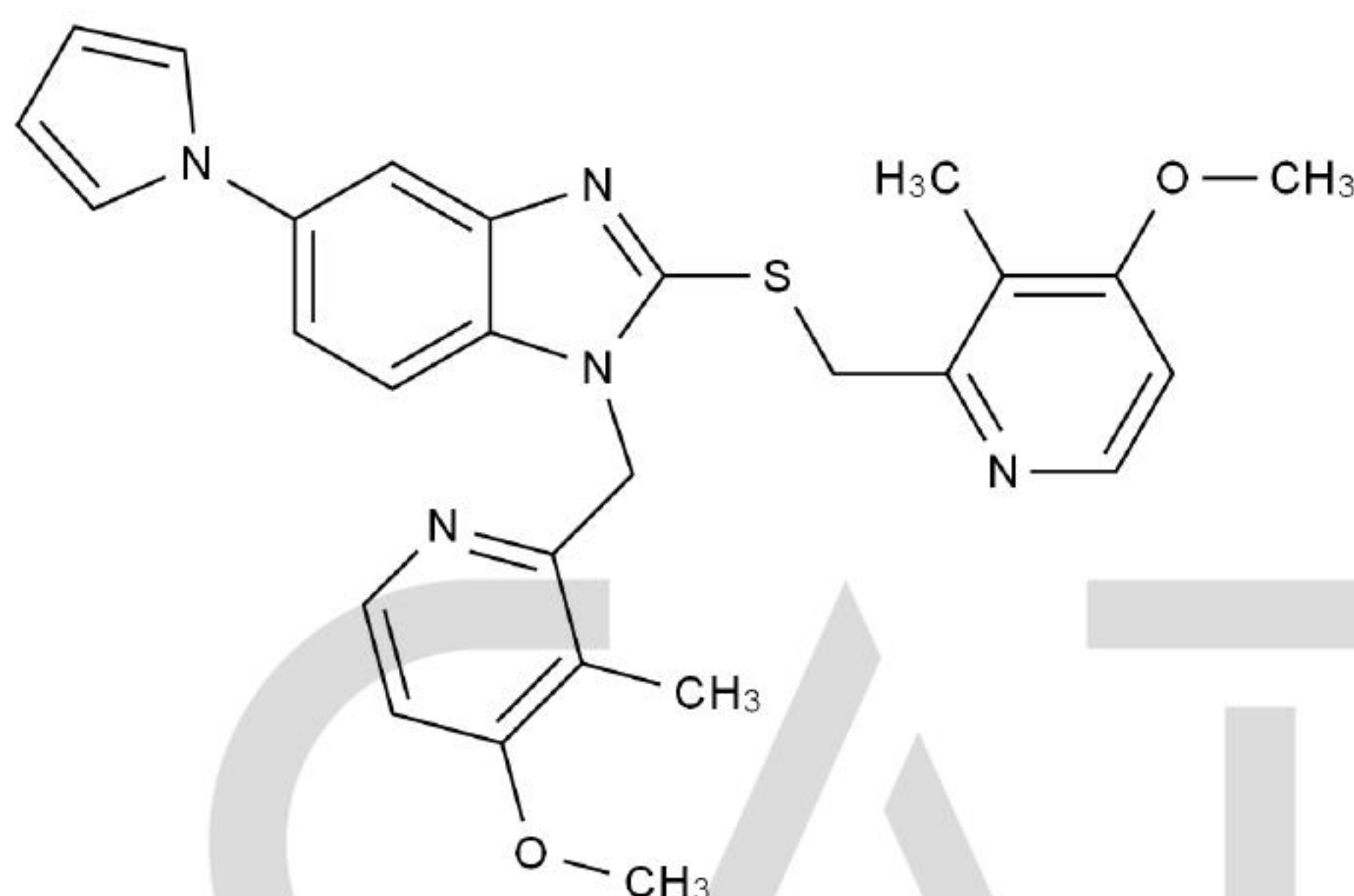


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                 |                   |                                           |
|--------------------|-----------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Ilaprazole Impurity 19                                          | Catalogue Number: | C4X-113018                                |
| Synonyms:          | N/A                                                             | Lot Number:       | 1019-RE-0064                              |
| CAS Number:        | 1360824-56-1                                                    | Expiry Date:      | Oct 22, 2026                              |
| Molecular Formula: | C <sub>27</sub> H <sub>27</sub> N <sub>5</sub> O <sub>2</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 485.60                                                          |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed   |
| Purity         | HPLC              | 99.824%     |
| Loss On Drying | TGA               | 0.3473%     |
| Assay          |                   | 99.5%       |

## Comment:

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

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

Loss On Drying is 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 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025

