

# Certificate of Analysis

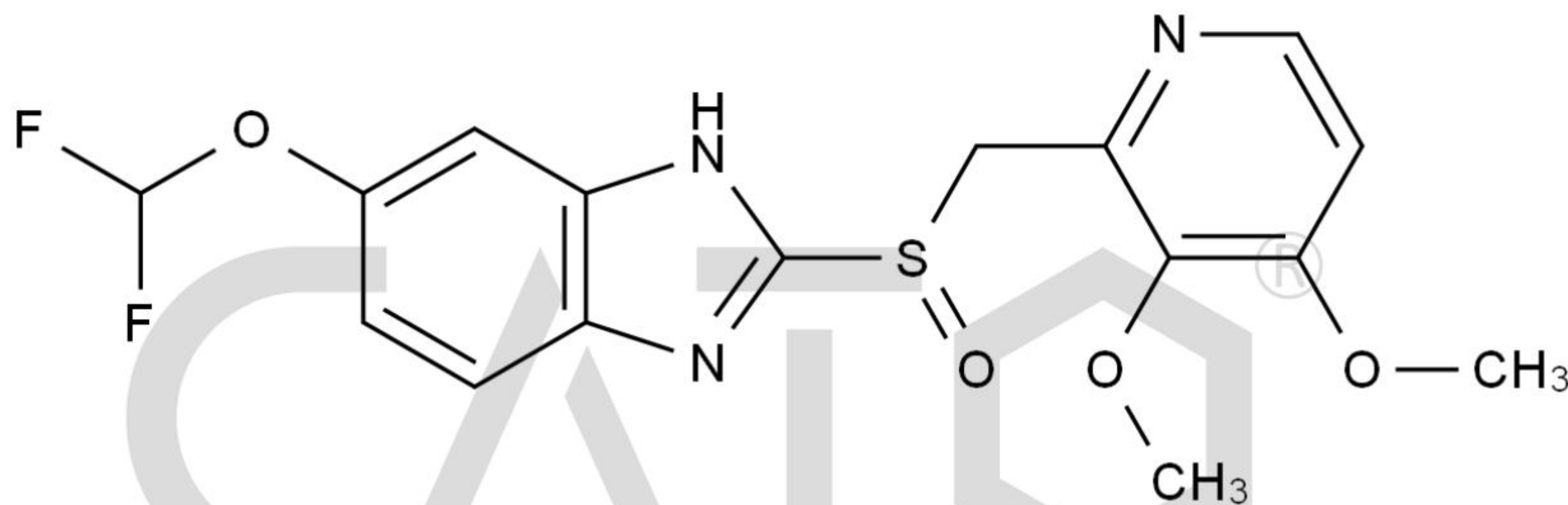
## Reference Material & Standard

|                    |                                                                                |                   |                                           |
|--------------------|--------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Pantoprazole                                                                   | Catalogue Number: | C4X-139920                                |
| Synonyms:          | N/A                                                                            | Lot Number:       | 1016-RG-0001                              |
| CAS Number:        | 102625-70-7                                                                    | Expiry Date:      | Oct 14, 2029                              |
| Molecular Formula: | C <sub>16</sub> H <sub>15</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 383.37                                                                         |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | Brown Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed   |
| Purity         | HPLC              | 92.743%     |
| Loss On Drying | TGA               | 0.0527%     |
| Assay          |                   | 92.7%       |

## Comment:

The calculation of the mass balance 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:

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Date: Oct 16, 2025

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