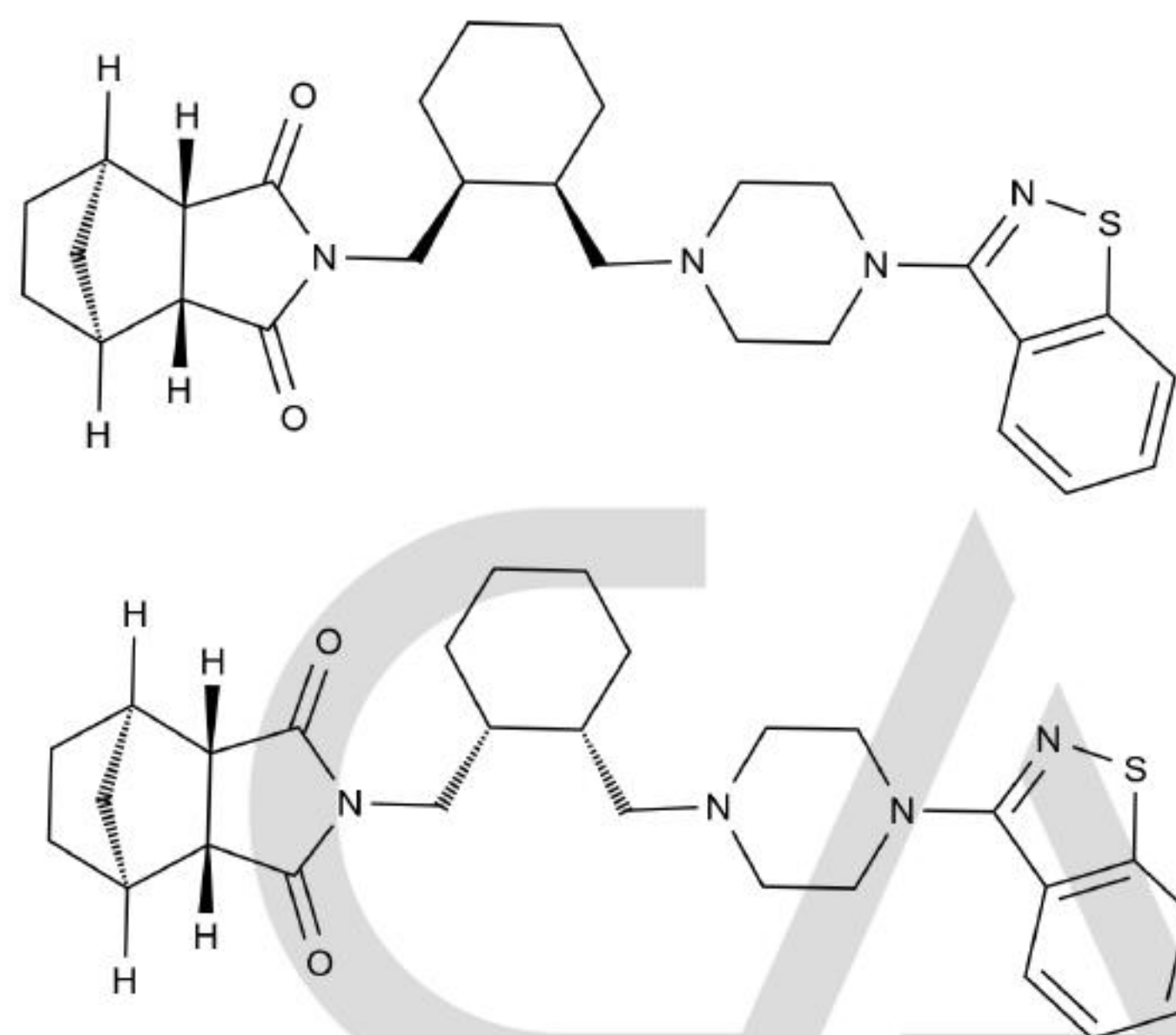


# Certificate of Analysis

## Reference Material & Standard

|                           |                                            |                          |                                                                                     |
|---------------------------|--------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | Lurasidone Impurity 8 (Mixture of Isomers) | <b>Catalogue Number:</b> | C4X-10288                                                                           |
| <b>Synonyms:</b>          | N/A                                        | <b>Lot Number:</b>       | 1101-RF-0016                                                                        |
| <b>CAS Number:</b>        | N/A                                        | <b>Expiry Date:</b>      | Jul 27, 2029                                                                        |
| <b>Molecular Formula:</b> | 2*C28H36N4O2S                              | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed                                           |
| <b>Molecular Weight:</b>  | 2*492.68                                   | <b>Warning:</b>          |  |

### Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.291%     |
| Loss On Drying | TGA               | 0.0143%     |
| Assay          |                   | 96.3%       |

### 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: Jul 28, 2025

Date: Jul 28, 2025

Date: Jul 28, 2025

