

# Certificate of Analysis

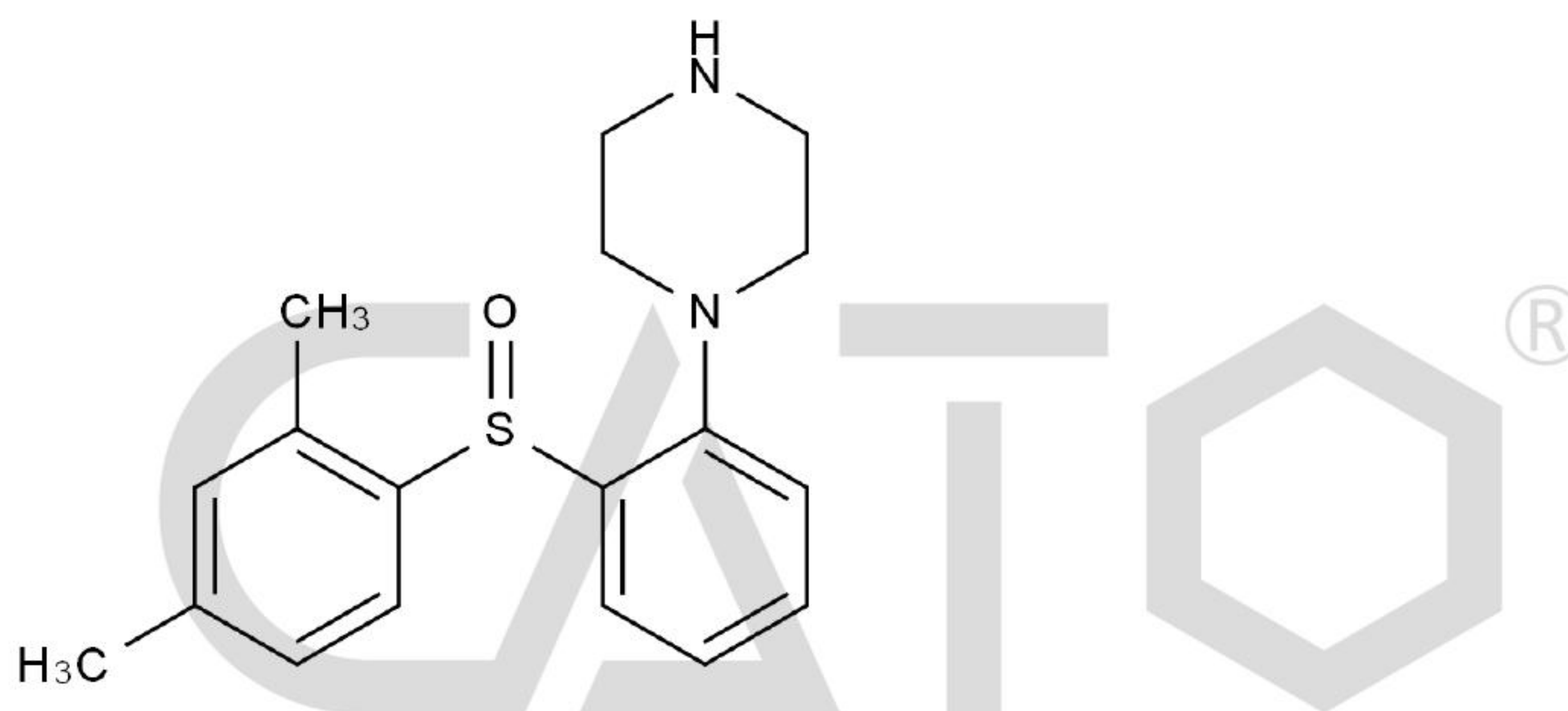
## Reference Material & Standard

|                    |                                                   |                     |                                           |
|--------------------|---------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Vortioxetine Impurity 4                           | Catalogue Number:   | C4X-10564                                 |
| Synonyms:          | N/A                                               | Lot Number:         | 0108-RH-0006                              |
| CAS Number:        | 1429908-35-9                                      | Expiry Date:        | Jan 06, 2030                              |
| Molecular Formula: | C <sub>18</sub> H <sub>22</sub> N <sub>2</sub> OS | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 314.45                                            | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 97.8%       |
| Assay          | qNMR              | 97.3%       |

Signature:

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Approved by General Manager:

*David*

Date: Jan 14, 2026

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