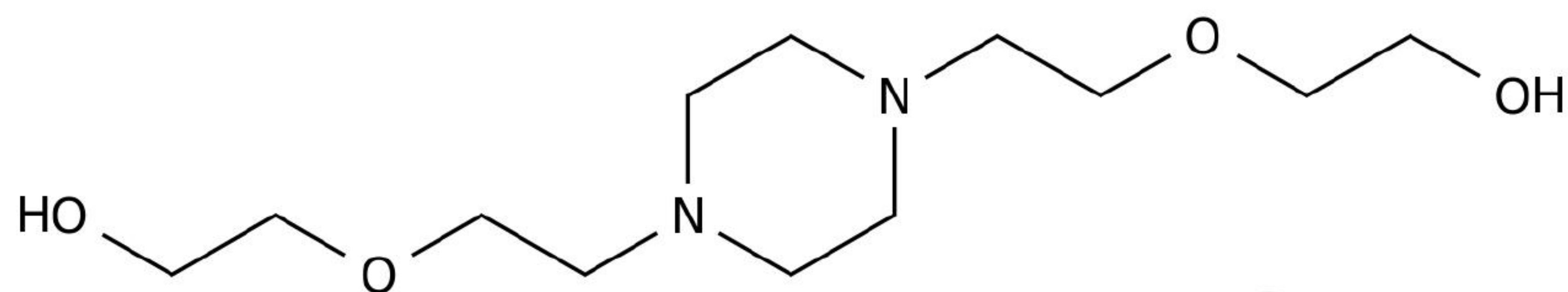


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Quetiapine Impurity 47                                        | Catalogue Number:   | C4X-124447                                |
| Synonyms:          | N/A                                                           | Lot Number:         | 1118-RG-0024                              |
| CAS Number:        | 14258-43-6                                                    | Expiry Date:        | Nov 28, 2029                              |
| Molecular Formula: | C <sub>12</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 262.35                                                        | Shipping Condition: | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | GC                | 97.6%           |
| Assay          | qNMR              | 93.7%           |

CATO Research Chemicals Inc.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Dec 03, 2025

Date: Dec 04, 2025

Date: Dec 04, 2025



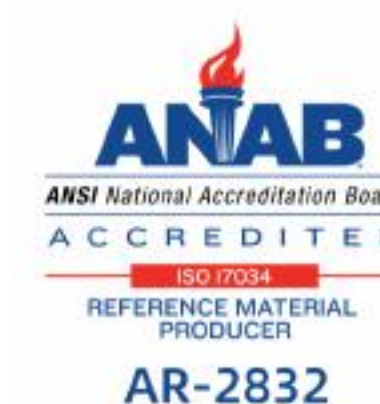
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: [supports@cato-chem.com](mailto:supports@cato-chem.com)

Web: <https://www.cato-chem.com>

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