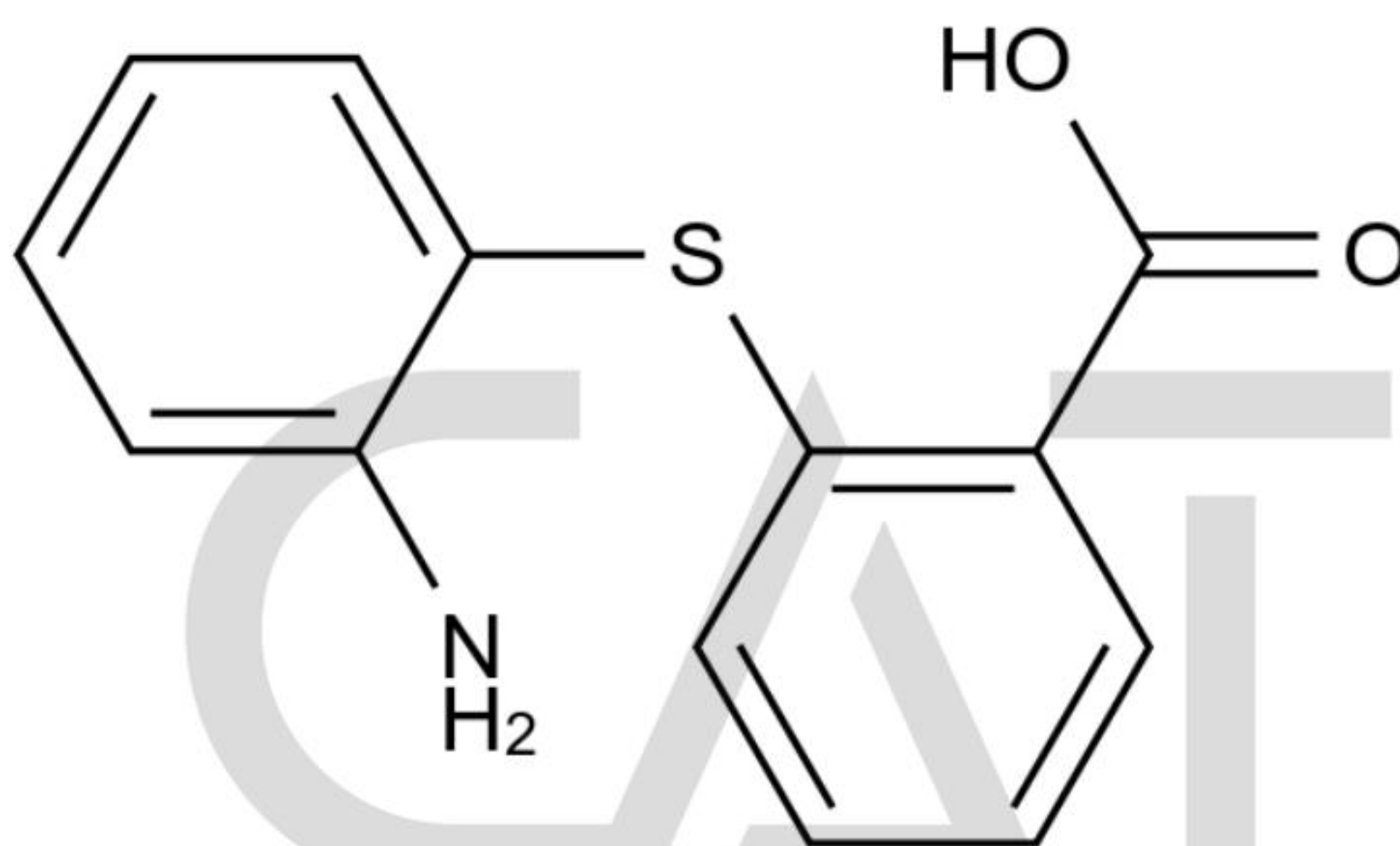


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                   |                     |                                                                                      |
|--------------------|---------------------------------------------------|---------------------|--------------------------------------------------------------------------------------|
| Product Name:      | Quetiapine Impurity 55                            | Catalogue Number:   | C4X-124455                                                                           |
| Synonyms:          | N/A                                               | Lot Number:         | 0906-RH-0080                                                                         |
| CAS Number:        | 54920-98-8                                        | Expiry Date:        | Sep 07, 2030                                                                         |
| Molecular Formula: | C <sub>13</sub> H <sub>11</sub> NO <sub>2</sub> S | Storage:            | 2°C ~ 8°C Protected from light and Sealed                                            |
| Molecular Weight:  | 245.30                                            | Shipping Condition: | Shipping at Room Temperature                                                         |
| Solubility:        | Acetonitrile                                      | Warning:            |  |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 99.115%            |
| Loss on Drying | TGA               | 0.0400%            |
| Assay          |                   | 99.1%              |

## 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:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Sep 08, 2026

Date: Sep 08, 2026

Date: Sep 08, 2026



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

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

