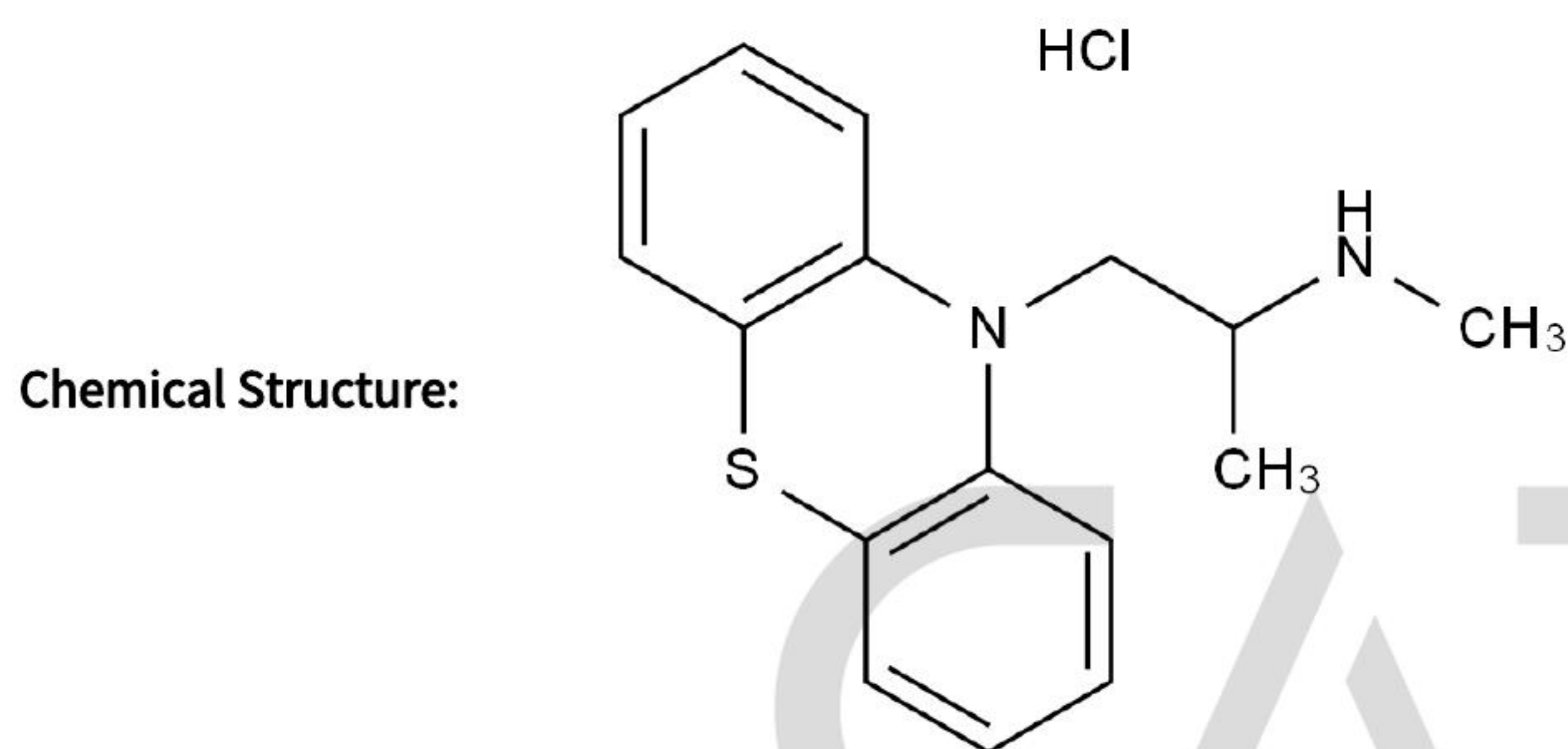


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                      |                          |                                           |
|---------------------------|------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Promethazine EP Impurity C HCl                       | <b>Catalogue Number:</b> | C4X-14183                                 |
| <b>Synonyms:</b>          | Desmethyl promethazine                               | <b>Lot Number:</b>       | 0326-RG-0081                              |
| <b>CAS Number:</b>        | 60113-77-1                                           | <b>Expiry Date:</b>      | Mar 25, 2028                              |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> S HCl | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 270.39 36.46                                         |                          |                                           |



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.6%       |
| Assay          | qNMR              | 97.4%       |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Mar 28, 2025

Date: Mar 28, 2025

Date: Mar 28, 2025

