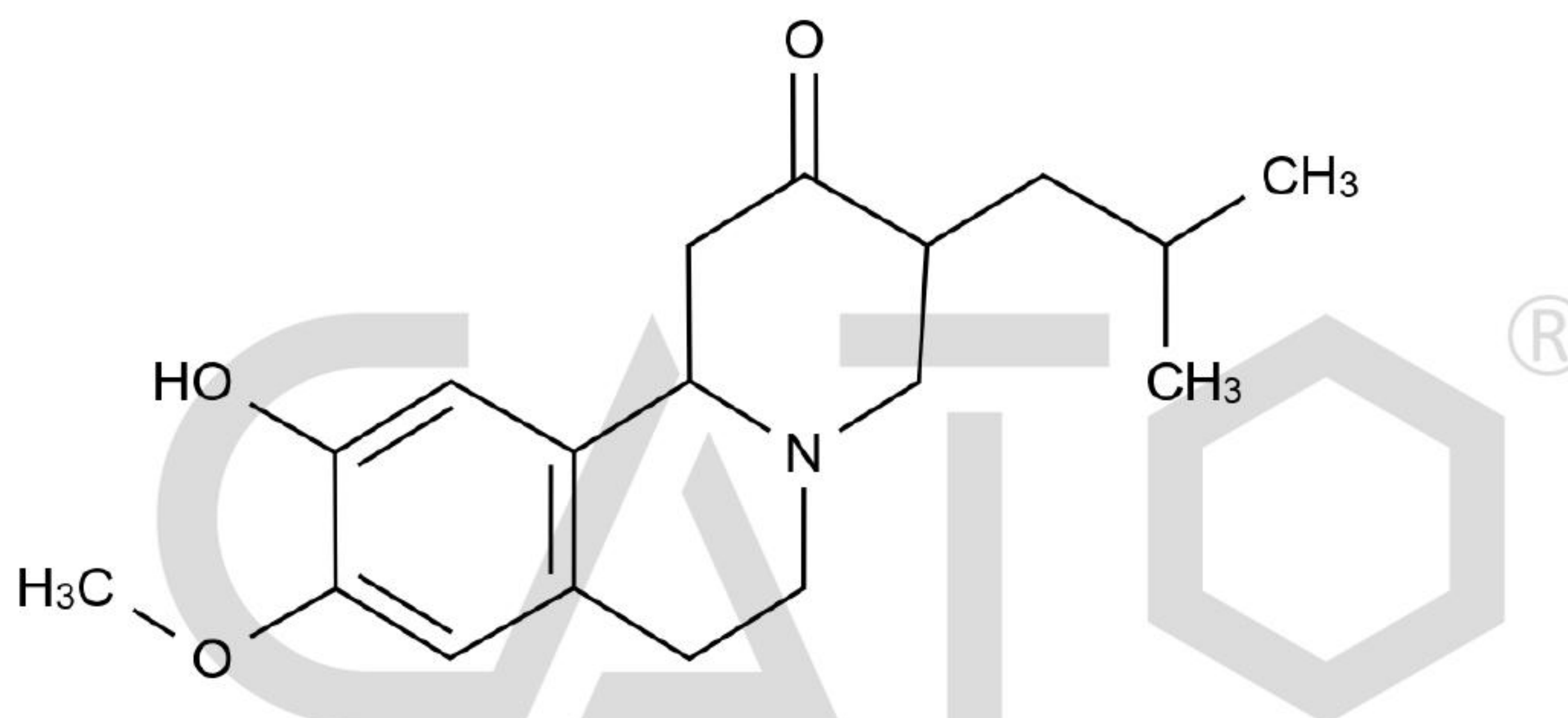


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                 |                            |                                           |
|---------------------------|-------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Tetrabenazine Impurity 48                       | <b>Catalogue Number:</b>   | C4X-274848                                |
| <b>Synonyms:</b>          | N/A                                             | <b>Lot Number:</b>         | 1128-RG-0040                              |
| <b>CAS Number:</b>        | 1214267-46-5                                    | <b>Expiry Date:</b>        | Nov 16, 2029                              |
| <b>Molecular Formula:</b> | C <sub>18</sub> H <sub>25</sub> NO <sub>3</sub> | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 303.40                                          | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

## Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed                |
| Purity         | HPLC              | 96.9285%                 |
| Loss on Drying | TGA               | 0.000%                   |
| Assay          |                   | 96.9%                    |

## 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:

Reviewed by:

Approved by General Manager:

Date: Jun 24, 2026

Date: Jun 24, 2026

Date: Jun 24, 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>

