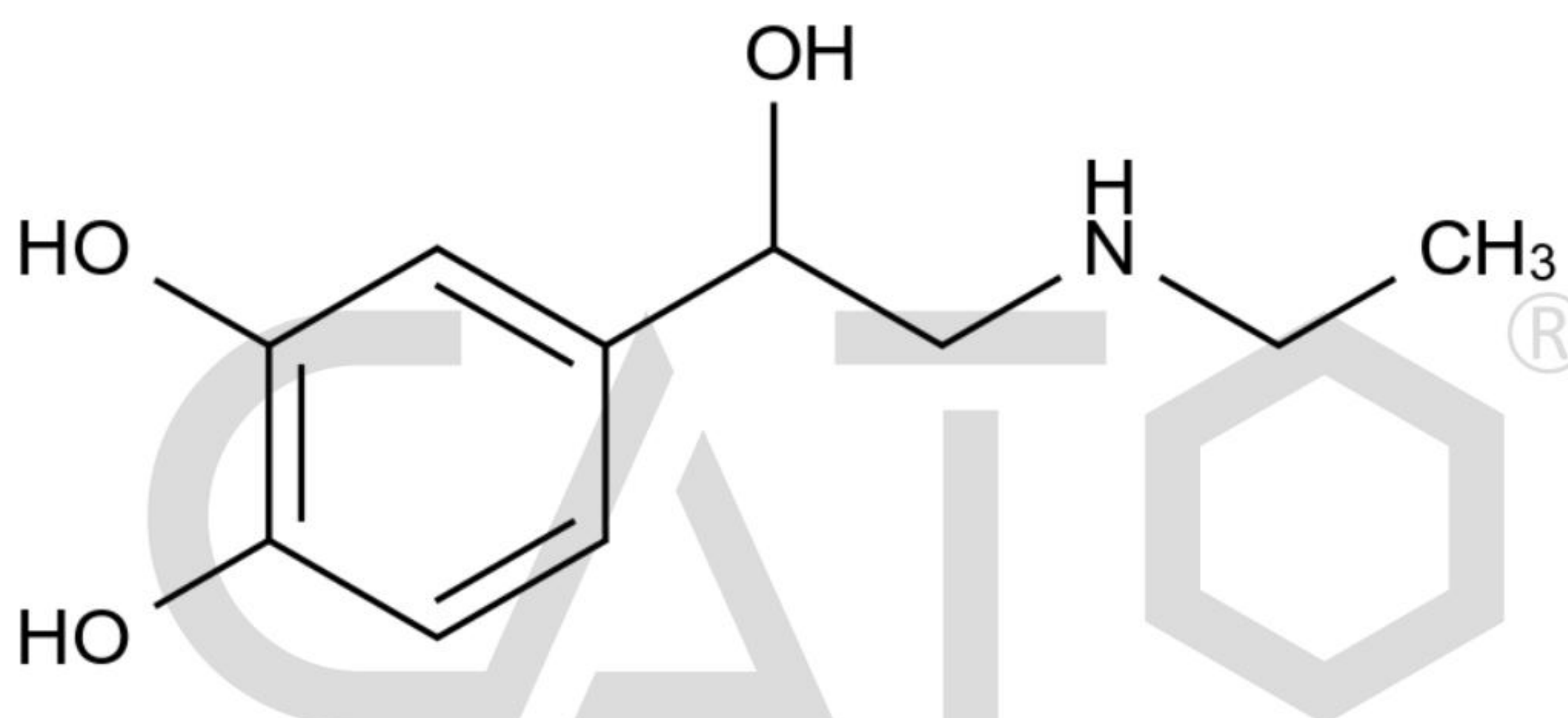


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                     |                                           |
|--------------------|-------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Epinephrine Impurity 44                         | Catalogue Number:   | C4X-184944                                |
| Synonyms:          | N/A                                             | Lot Number:         | 0313-RH-0129                              |
| CAS Number:        | 2947-00-4                                       | Expiry Date:        | Mar 19, 2030                              |
| Molecular Formula: | C <sub>10</sub> H <sub>15</sub> NO <sub>3</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 197.23                                          | Shipping Condition: | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 96.8%              |
| Assay          | qNMR              | 92.9%              |

Signature:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Mar 20, 2026

Date: Mar 20, 2026

Date: Mar 20, 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>

