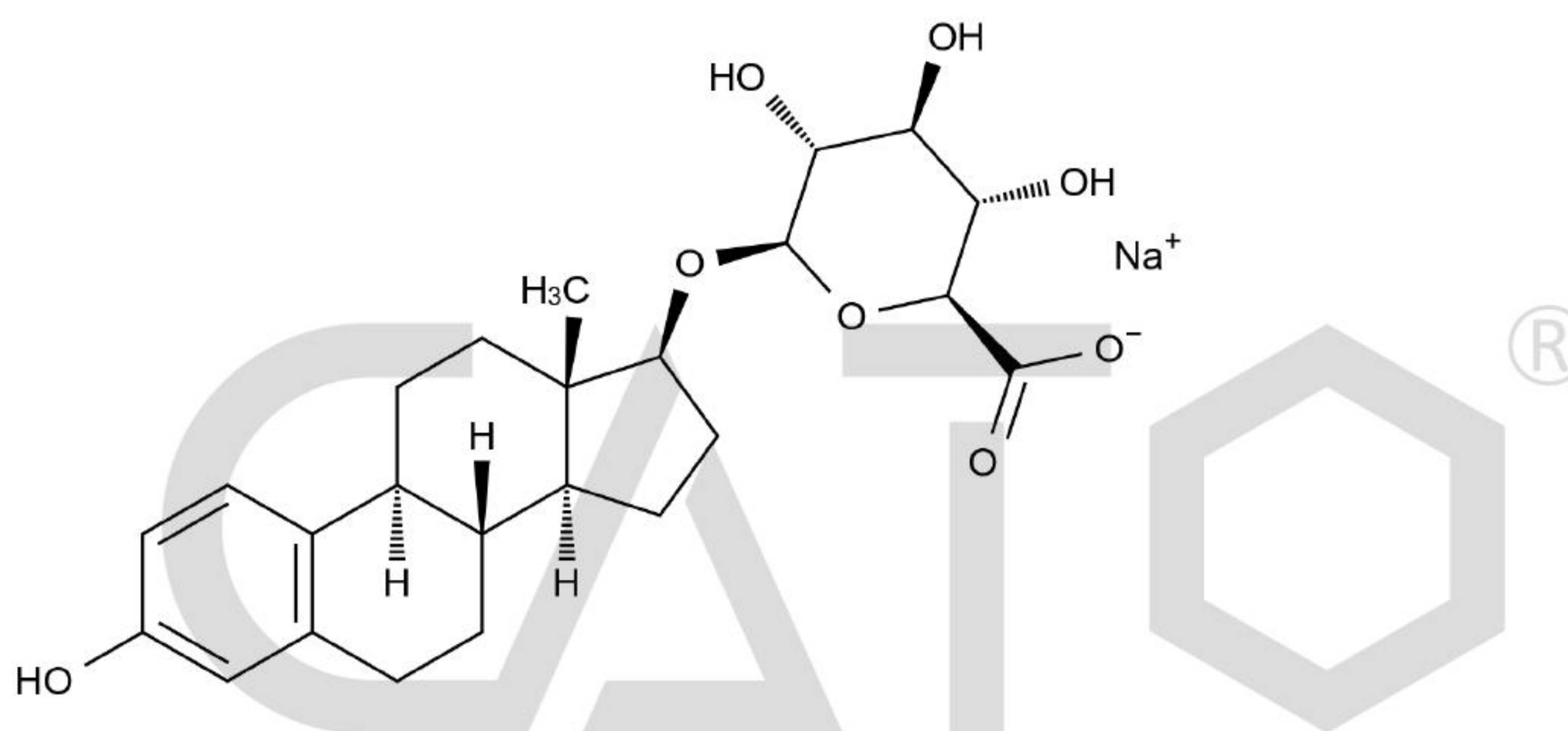


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                   |                            |                                           |
|---------------------------|---------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Estradiol 17-(β-D-Glucuronide) sodium             | <b>Catalogue Number:</b>   | C4X-163640                                |
| <b>Synonyms:</b>          | N/A                                               | <b>Lot Number:</b>         | 0513-RH-0050                              |
| <b>CAS Number:</b>        | 15087-02-2                                        | <b>Expiry Date:</b>        | Mar 24, 2030                              |
| <b>Molecular Formula:</b> | C <sub>24</sub> H <sub>31</sub> O <sub>8</sub> Na | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 447.50 22.99                                      | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed                |
| Purity         | HPLC              | 98.9%                    |

Signature:

Prepared by:

*Jim*

Reviewed by:

*Hin Lam*

Approved by General Manager:

*David*

Date: May 14, 2026

Date: May 15, 2026

Date: May 15, 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>

Page 1 of 5



Official WeChat