

# Certificate of Analysis

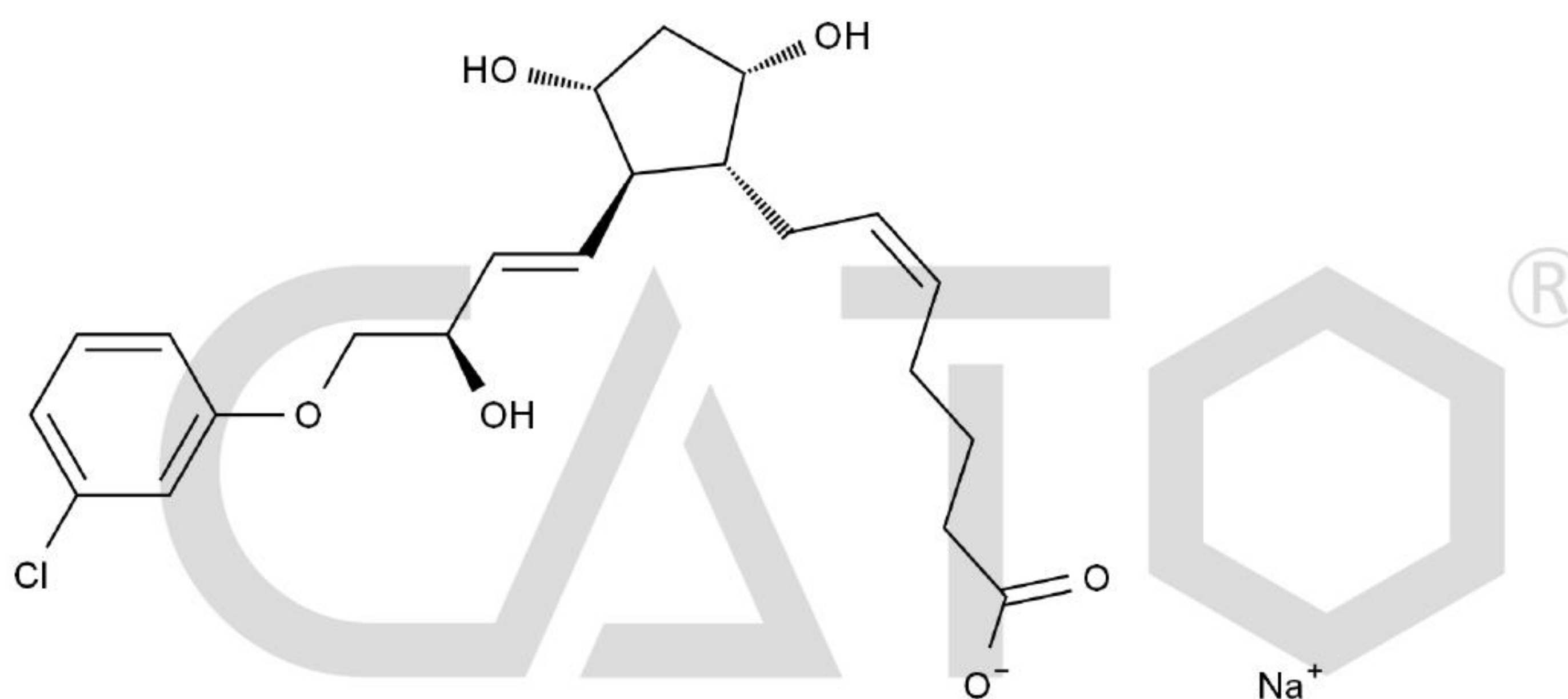
## Reference Material & Standard

|                    |                                                     |                   |                                           |
|--------------------|-----------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | (5Z)-rel-Cloprostenol Sodium                        | Catalogue Number: | CCAD300945                                |
| Synonyms:          | N/A                                                 | Lot Number:       | 0511-RF-0069                              |
| CAS Number:        | 55028-72-3                                          | Expiry Date:      | May 19, 2028                              |
| Molecular Formula: | C <sub>22</sub> H <sub>28</sub> ClO <sub>6</sub> Na | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 423.91 22.99                                        |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 95.5%       |
| Assay          | qNMR              | 92.5%       |
| Uncertainty    |                   | ±2.0%       |

## Comment:

1. Assay was determined by quantitative <sup>1</sup>H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: May 20, 2024

Date: May 20, 2024

Date: May 20, 2024



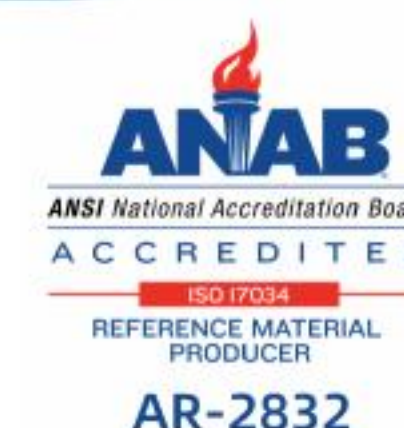
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