

# Certificate of Analysis

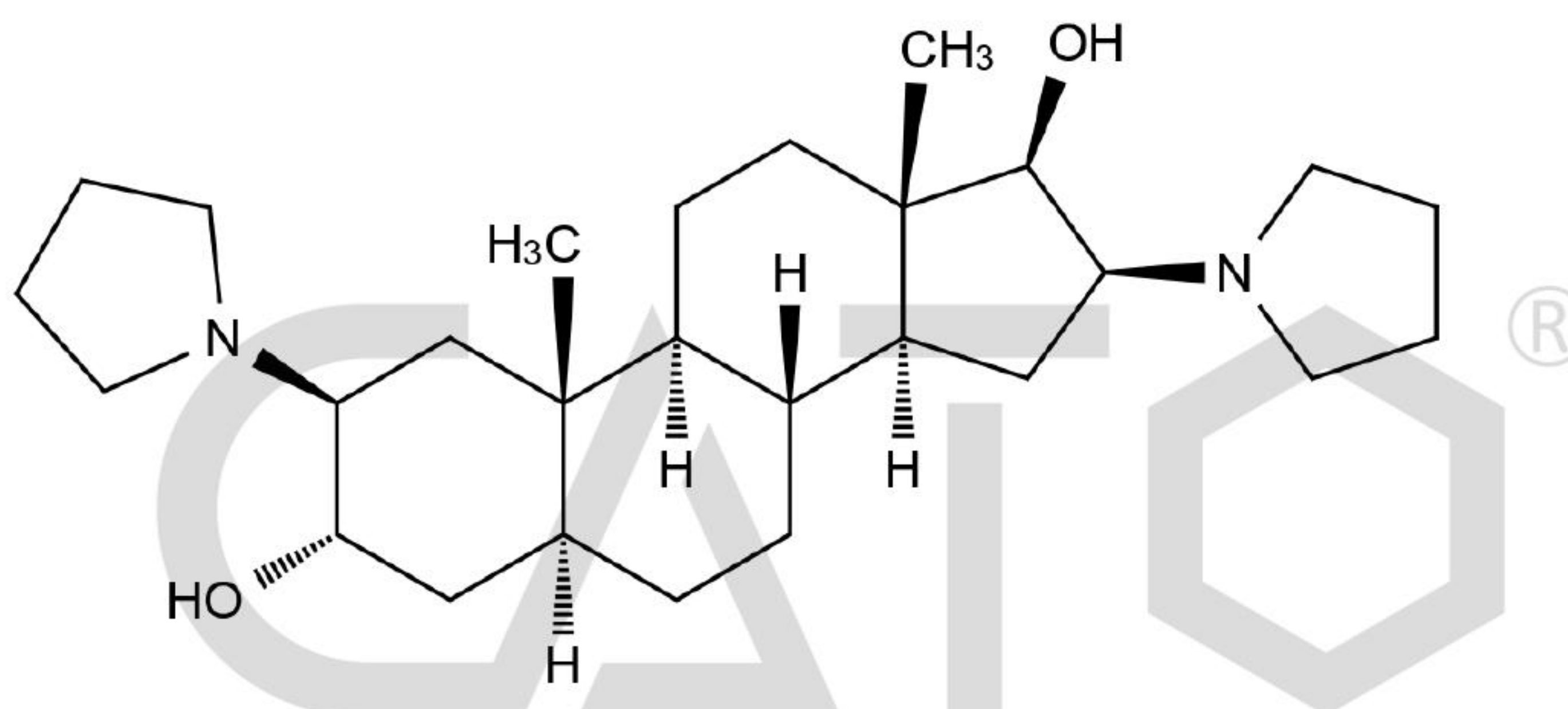
## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Rocuronium Impurity N1                                        | Catalogue Number:   | C1302162                                  |
| Synonyms:          | N/A                                                           | Lot Number:         | 0206-RH-0025                              |
| CAS Number:        | 144209-33-6                                                   | Expiry Date:        | Feb 03, 2030                              |
| Molecular Formula: | C <sub>27</sub> H <sub>46</sub> N <sub>2</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 430.67                                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.09%      |
| Loss On Drying | TGA               | 0.2172%     |
| Assay          |                   | 97.9%       |

## 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: Feb 09, 2026

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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>

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