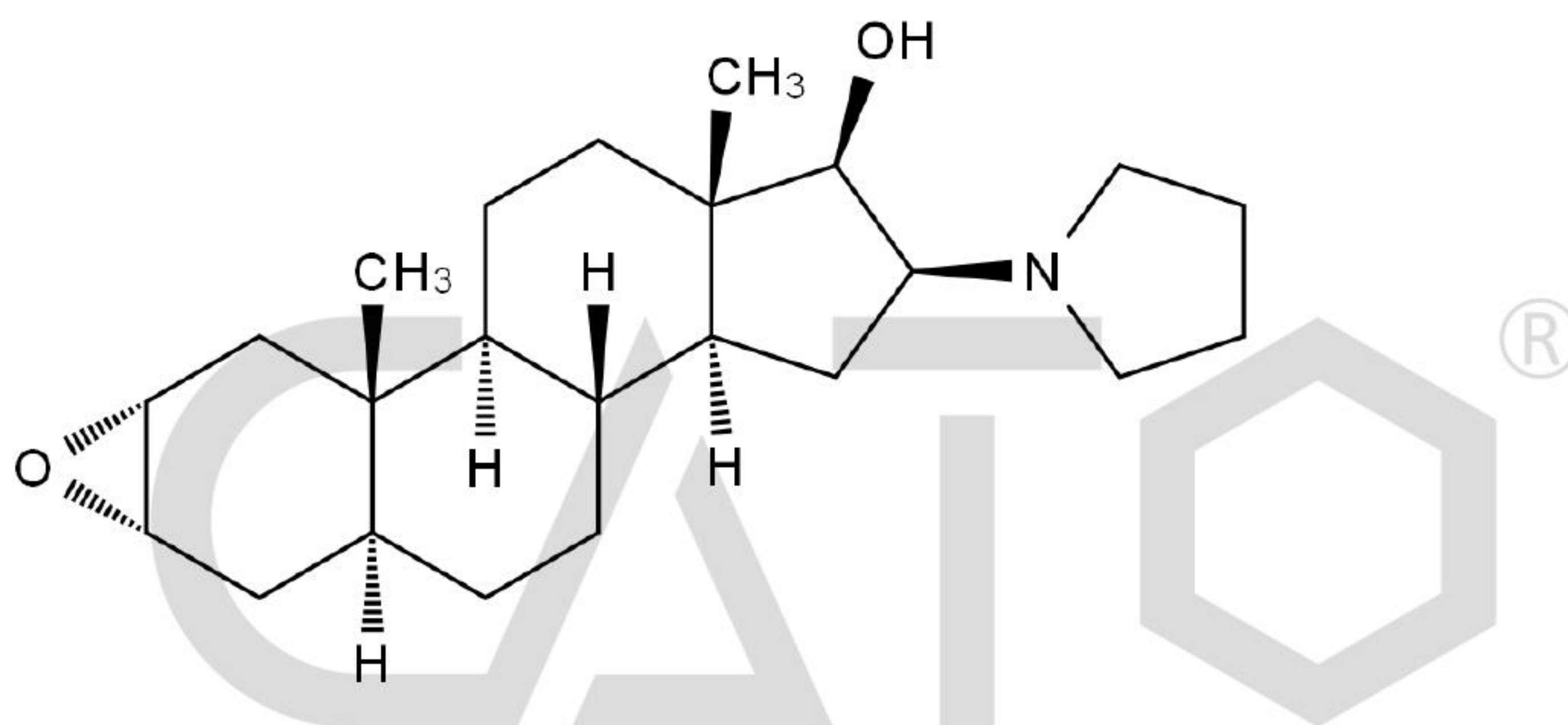


Certificate of Analysis

Reference Material & Standard

Product Name:	Rocuronium Bromide Impurity 24	Catalogue Number:	C4X-124224
Synonyms:	N/A	Lot Number:	0912-RG-0038
CAS Number:	119302-19-1	Expiry Date:	Sep 25, 2029
Molecular Formula:	C ₂₃ H ₃₇ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	359.55		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	93.815%
Loss On Drying	TGA	0.1639%
Assay		93.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 26, 2025

Date: Sep 26, 2025

Date: Sep 26, 2025



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>

