

Certificate of Analysis

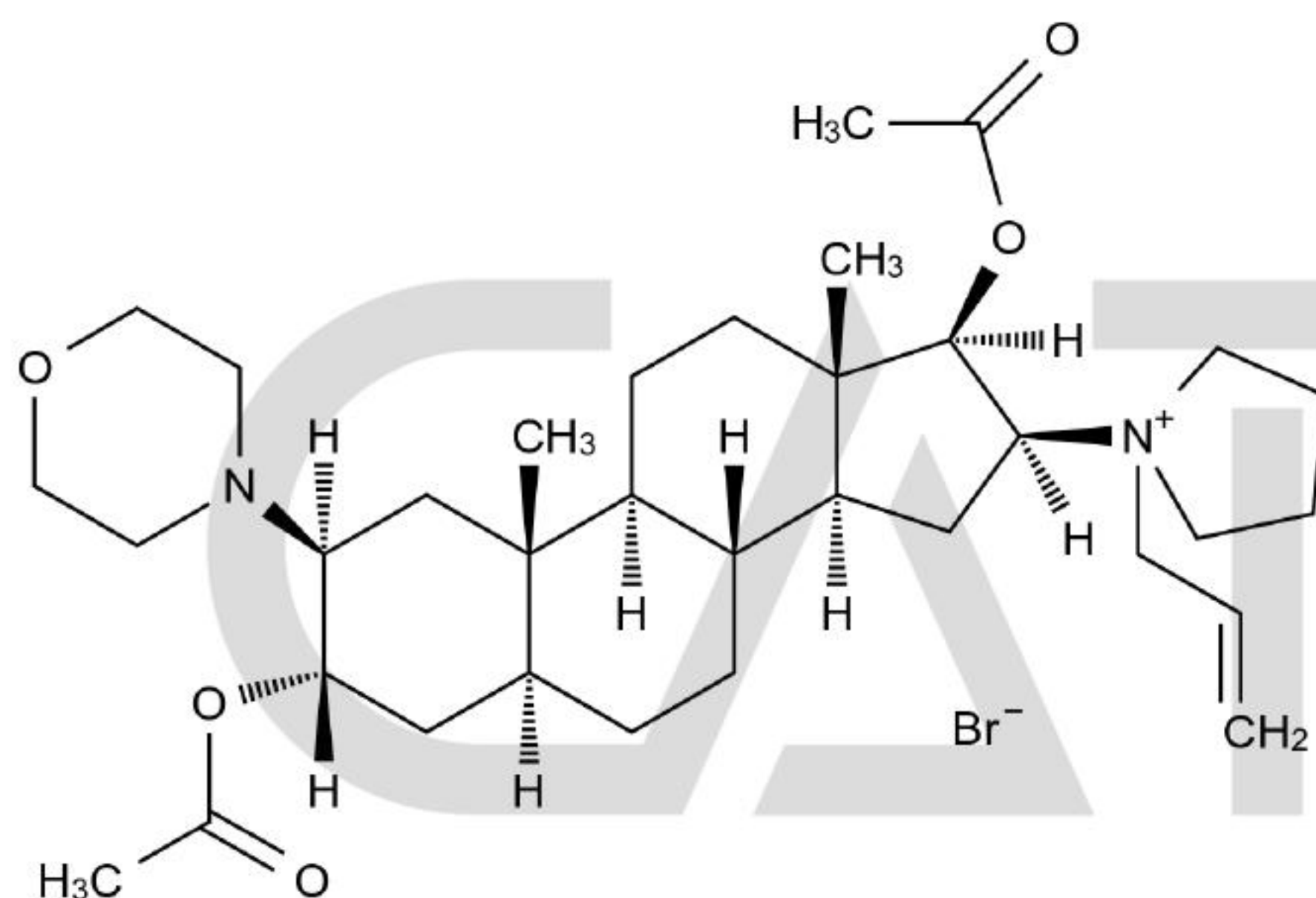
Reference Material & Standard

Product Name:	Rocuronium Bromide EP Impurity B	Catalogue Number:	C4X-12422
Synonyms:	Rocuronium Related Compound B;3-Acetyl Rocuronium Bromide	Lot Number:	1013-RE-0008
CAS Number:	122483-73-2	Expiry Date:	Aug 28, 2029
Molecular Formula:	C ₃₄ H ₅₅ N ₂ O ₅ Br	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	571.81 79.90	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.164%
Water Content	Karl Fischer	2.22%
Residual Solvents	NMR	Not detected in NMR
Assay		96.0%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 05, 2025

Date: Sep 05, 2025

Date: Sep 05, 2025



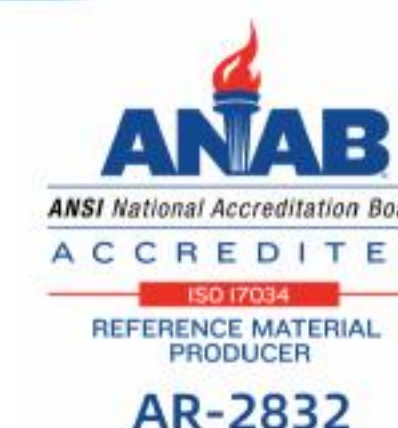
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 5



Official WeChat