

Certificate of Analysis

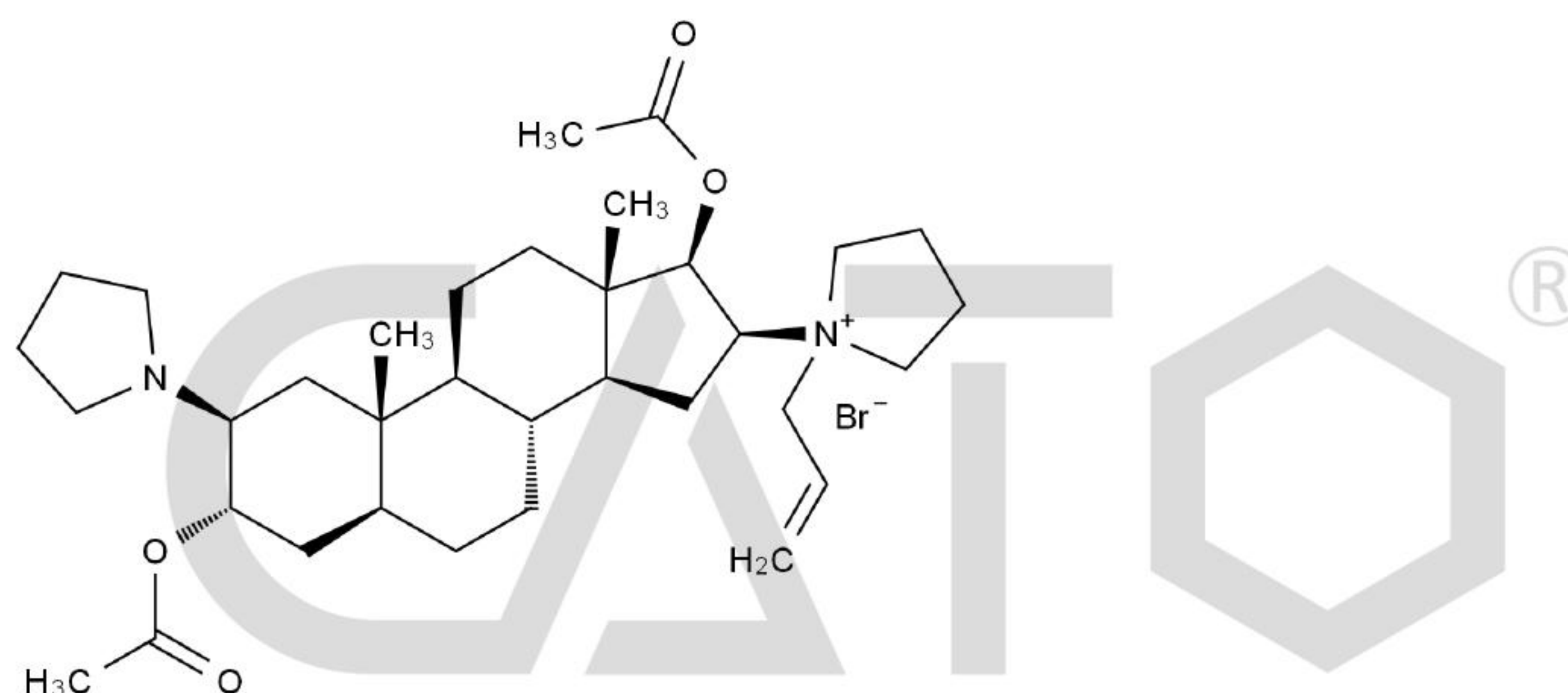
Reference Material & Standard

Product Name:	Rocuronium Bromide EP Impurity F	Catalogue Number:	C4X-12426
Synonyms:	N/A	Lot Number:	1013-RE-0011
CAS Number:	1190105-66-8	Expiry Date:	Oct 12, 2026
Molecular Formula:	C ₃₄ H ₅₅ N ₂ O ₄ Br	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	555.81 79.90	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Water Content	Karl Fischer	1.05%
Residual Solvents	NMR	0.47% Methyl tert-Butyl Ether
Assay		98.5%

Comment:

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

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

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 16, 2023

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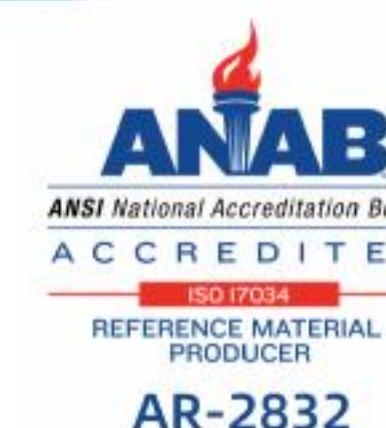
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