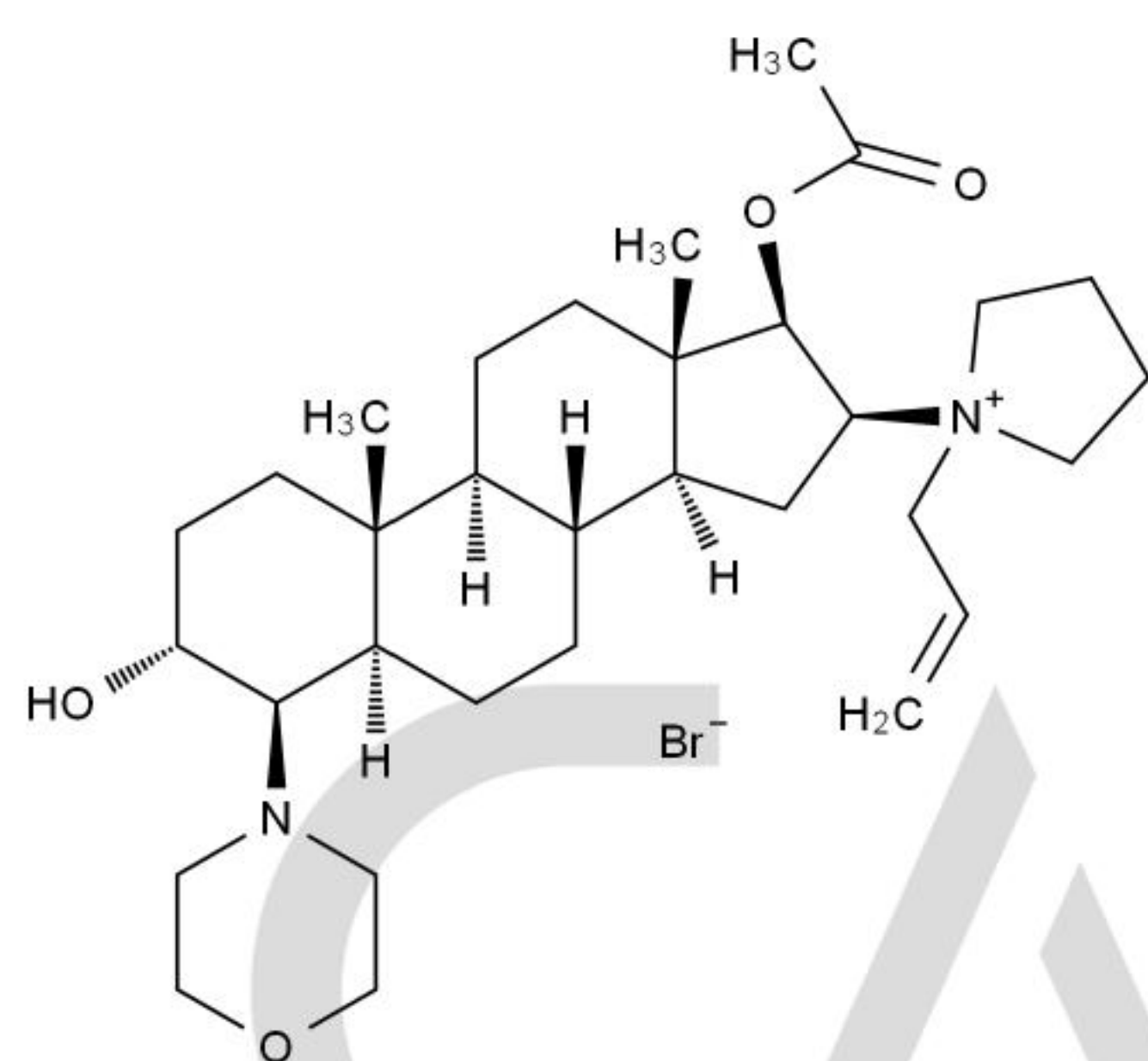


Certificate of Analysis

Reference Material & Standard

Product Name:	Rocuronium Impurity 29	Catalogue Number:	C4X-124229
Synonyms:	N/A	Lot Number:	0725-RG-0045
CAS Number:	N/A	Expiry Date:	Jul 27, 2029
Molecular Formula:	C ₃₂ H ₅₃ N ₂ O ₄ Br	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	529.77 79.90		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	ELSD	97.01%
Loss On Drying	TGA	4.8513%
Assay		92.3%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 29, 2025

Date: Jul 29, 2025

Date: Jul 29, 2025

