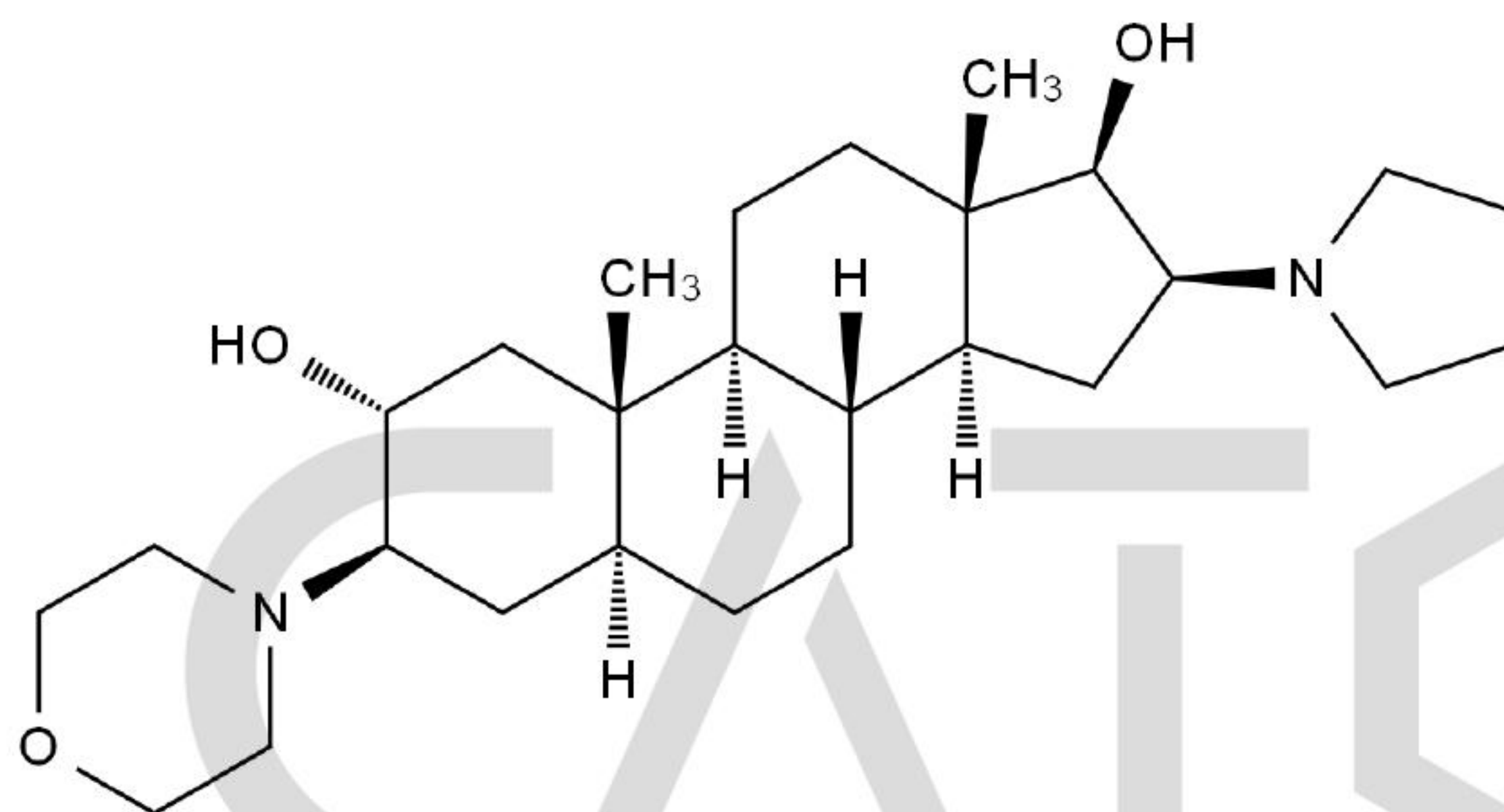


Certificate of Analysis

Reference Material & Standard

Product Name:	Rocuronium Impurity 38	Catalogue Number:	C4X-124238
Synonyms:	N/A	Lot Number:	0428-RD-0038
CAS Number:	1252016-49-1	Expiry Date:	May 06, 2025
Molecular Formula:	C ₂₇ H ₄₆ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	446.67	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.847%
Loss on Drying	TGA	0.2745%
Assay		99.6%

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:

Debia

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 07, 2022

Date: May 07, 2022

Date: May 07, 2022



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