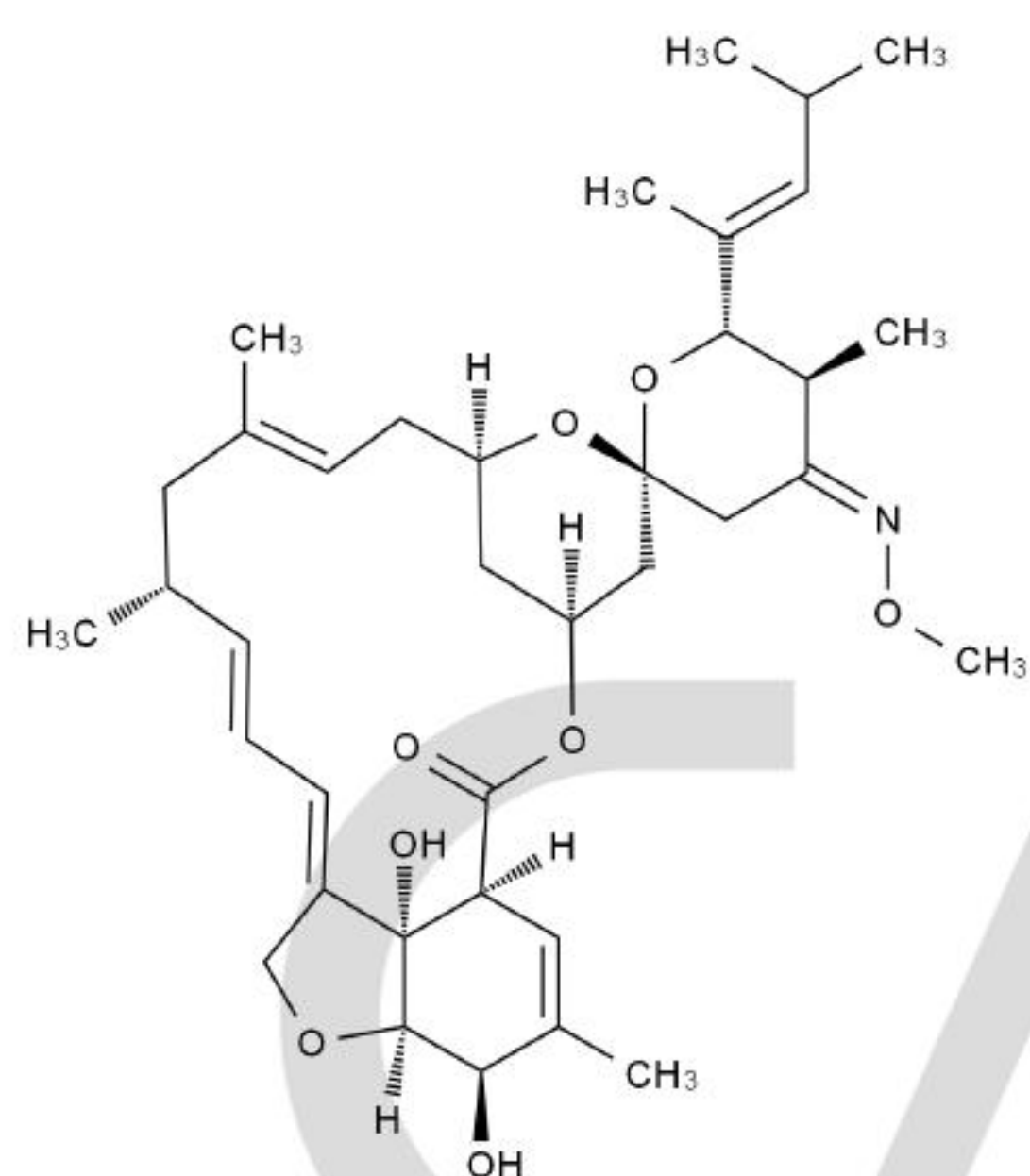


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxidectin EP Impurity D	Catalogue Number:	C4X-22751
Synonyms:	N/A	Lot Number:	0609-RG-0050
CAS Number:	N/A	Expiry Date:	May 27, 2028
Molecular Formula:	C ₃₇ H ₅₃ NO ₈	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	639.82		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.1396%
Water Content	Karl Fischer	2.10%
Residual Solvents	NMR	Not detected in NMR
Assay		93.1%

Comment:

The calculation of the 100% 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:

Yuki

Approved by General Manager:

David

Date: Jun 09, 2025

Date: Jun 09, 2025

Date: Jun 09, 2025

