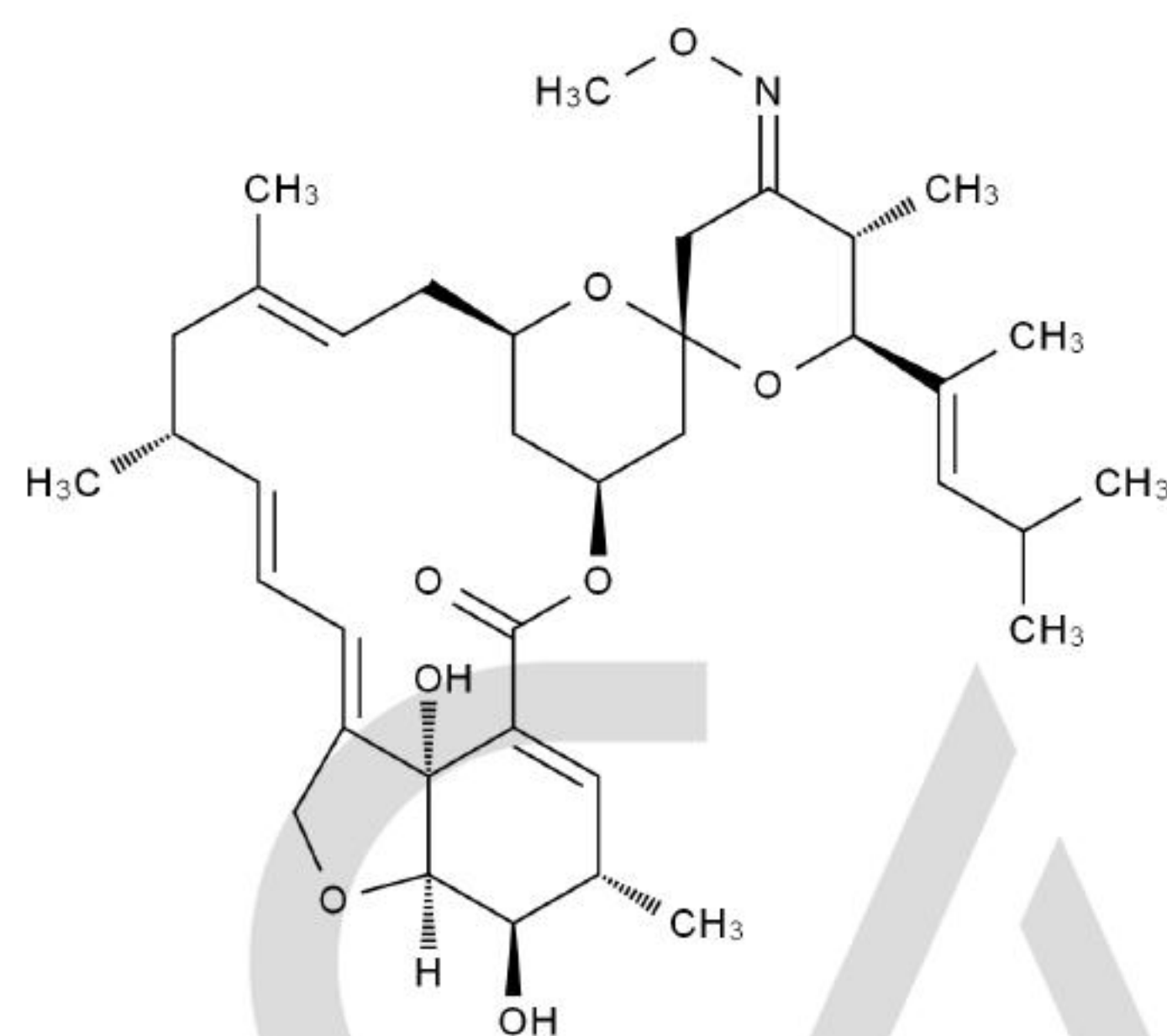


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxidectin EP Impurity E	Catalogue Number:	C4X-22755
Synonyms:	N/A	Lot Number:	0331-RG-0095
CAS Number:	2482741-71-7	Expiry Date:	Mar 25, 2028
Molecular Formula:	C37H53NO8	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	639.82		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	96.9990%
Water Content	Karl Fischer	1.00%
Residual Solvents	NMR	1.2% acetone
Optical Rotation		[α] _D ^{25.0} (c=0.53, CHCl ₃): +318.4°
Assay		94.9%

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:

Lisa

Approved by General Manager:

David

Date: Apr 02, 2025

Date: Apr 02, 2025

Date: Apr 02, 2025

