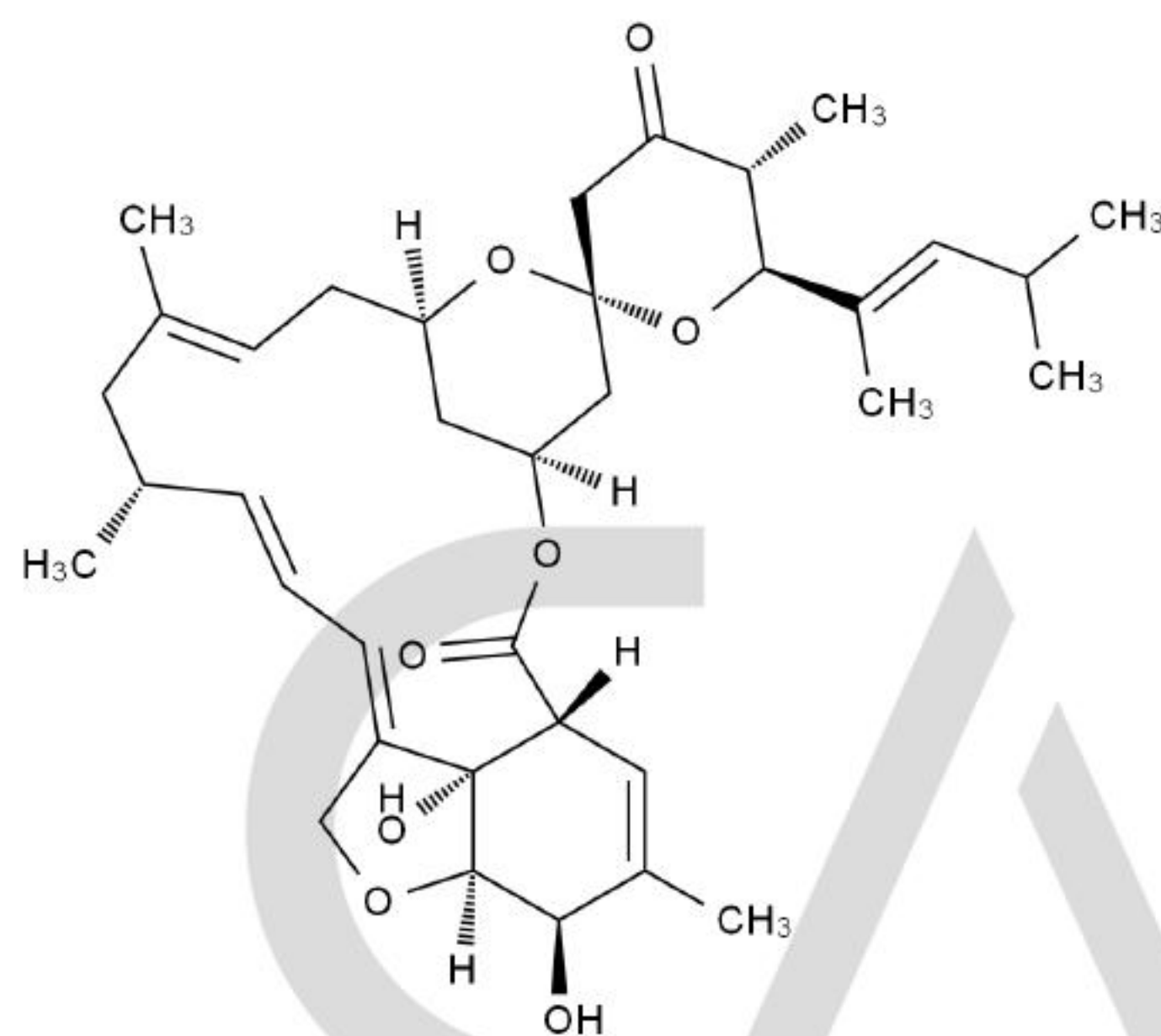


Certificate of Analysis

Reference Material & Standard

Product Name:	23-Keto Nemadectin (Desmethoxyamino Moxidectin)	Catalogue Number:	C4X-22758
Synonyms:	N/A	Lot Number:	0521-RG-0065
CAS Number:	112124-81-9	Expiry Date:	May 25, 2028
Molecular Formula:	C ₃₆ H ₅₀ O ₈	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	610.78		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.128%
Loss On Drying	TGA	4.4264%
Assay		92.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 26, 2025

Date: May 26, 2025

Date: May 26, 2025

