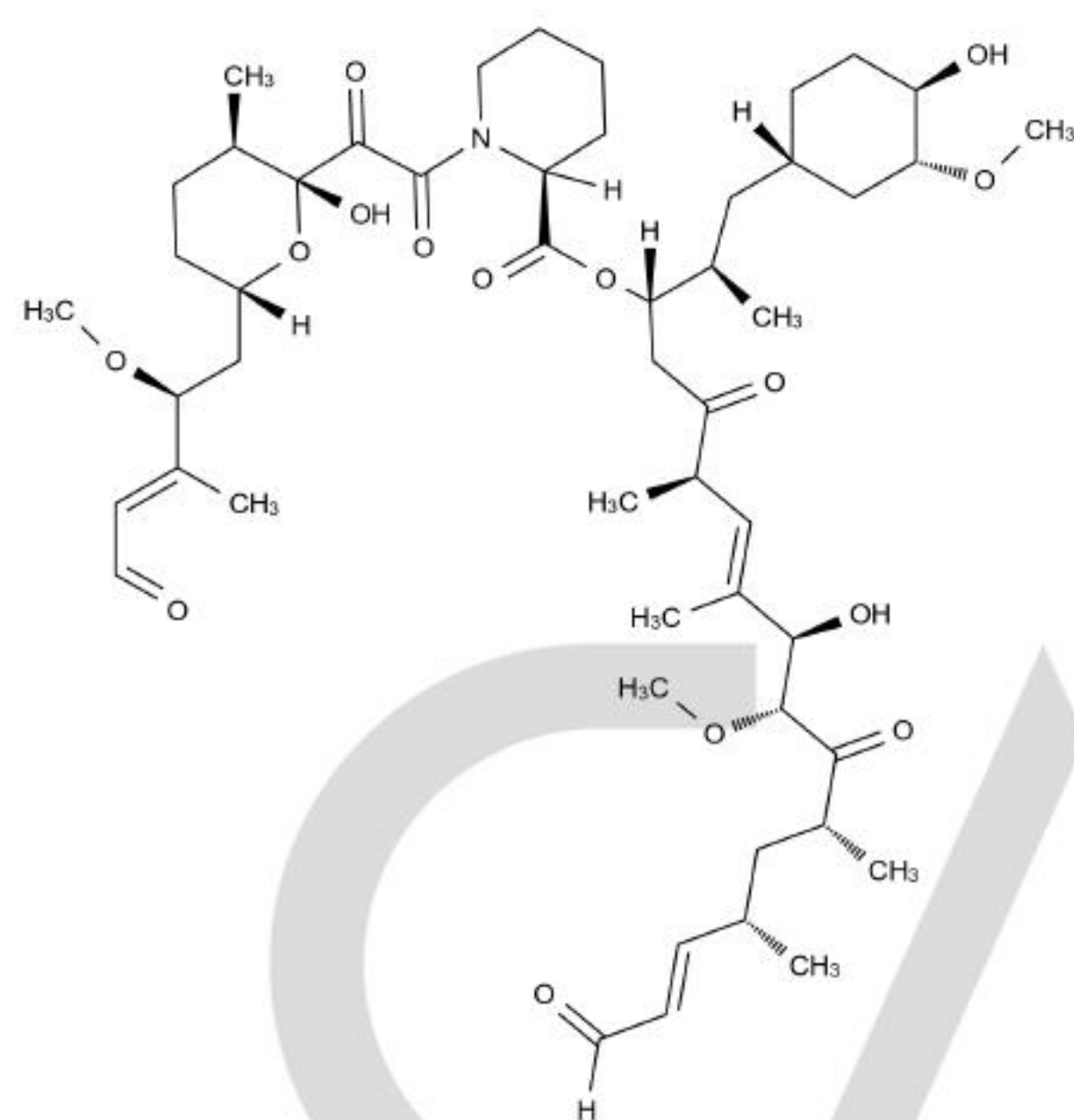


Certificate of Analysis

Reference Material & Standard

Product Name:	Rapamycin Impurity 9	Catalogue Number:	C4X-17469
Synonyms:	N/A	Lot Number:	0227-RF-0091
CAS Number:	500733-49-3	Expiry Date:	Jan 08, 2027
Molecular Formula:	C ₅₁ H ₇₉ NO ₁₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	946.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	95.25%
Residue on Ignition	TGA	0.10%
Loss On Drying	TGA	0.03%
Assay		95.1%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 24, 2025

Date: Mar 24, 2025

Date: Mar 24, 2025

