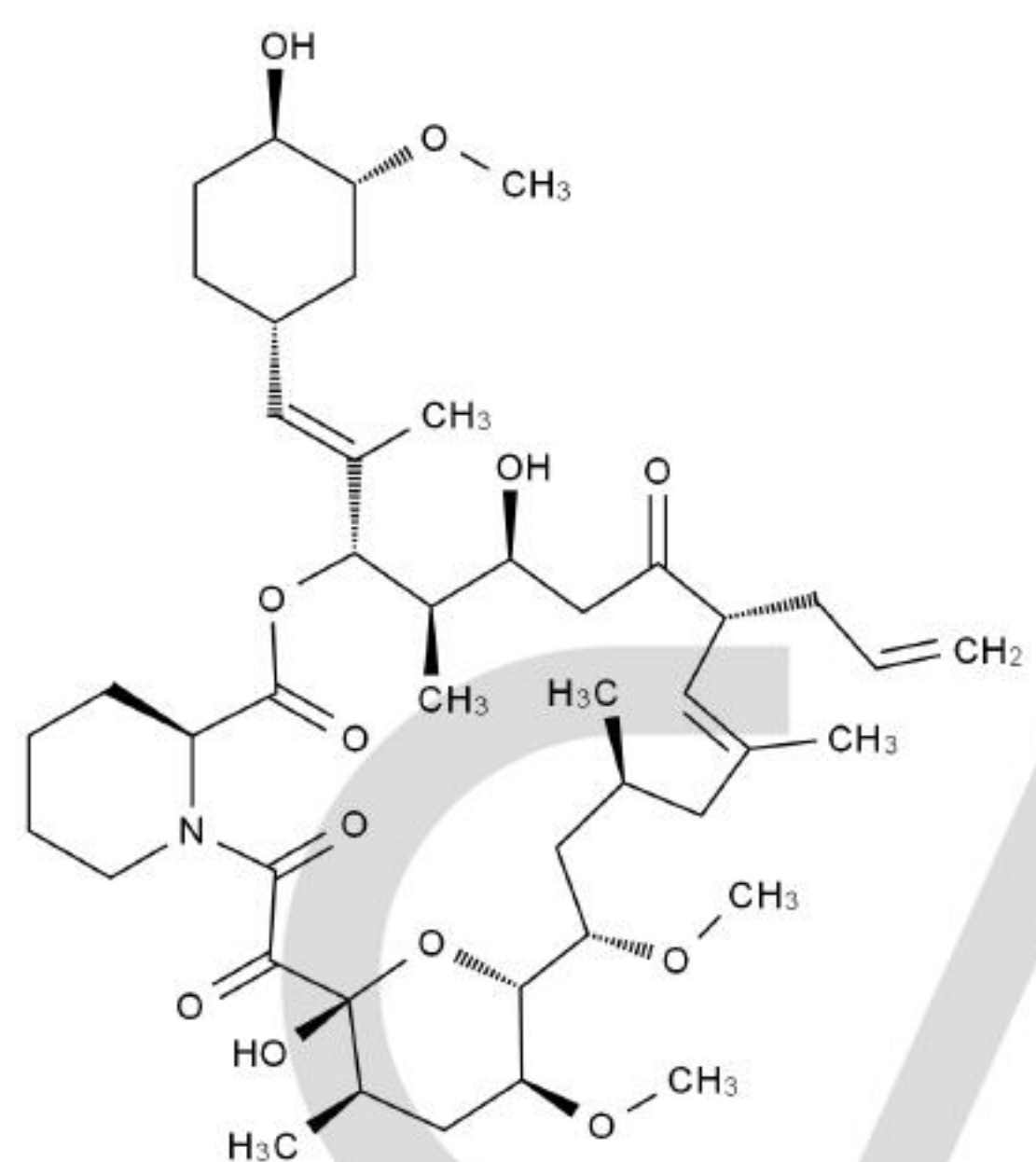


Certificate of Analysis

Reference Material & Standard

Product Name:	Tacrolimus	Catalogue Number:	C4X-1300
Synonyms:	N/A	Lot Number:	0508-RG-0027
CAS Number:	104987-11-3	Expiry Date:	May 13, 2028
Molecular Formula:	C ₄₄ H ₆₉ NO ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	804.02	Warning:	 

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.0234%
Loss On Drying	TGA	1.3815%
Assay		98.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 01, 2025

Date: Aug 01, 2025

Date: Aug 01, 2025

