

Certificate of Analysis

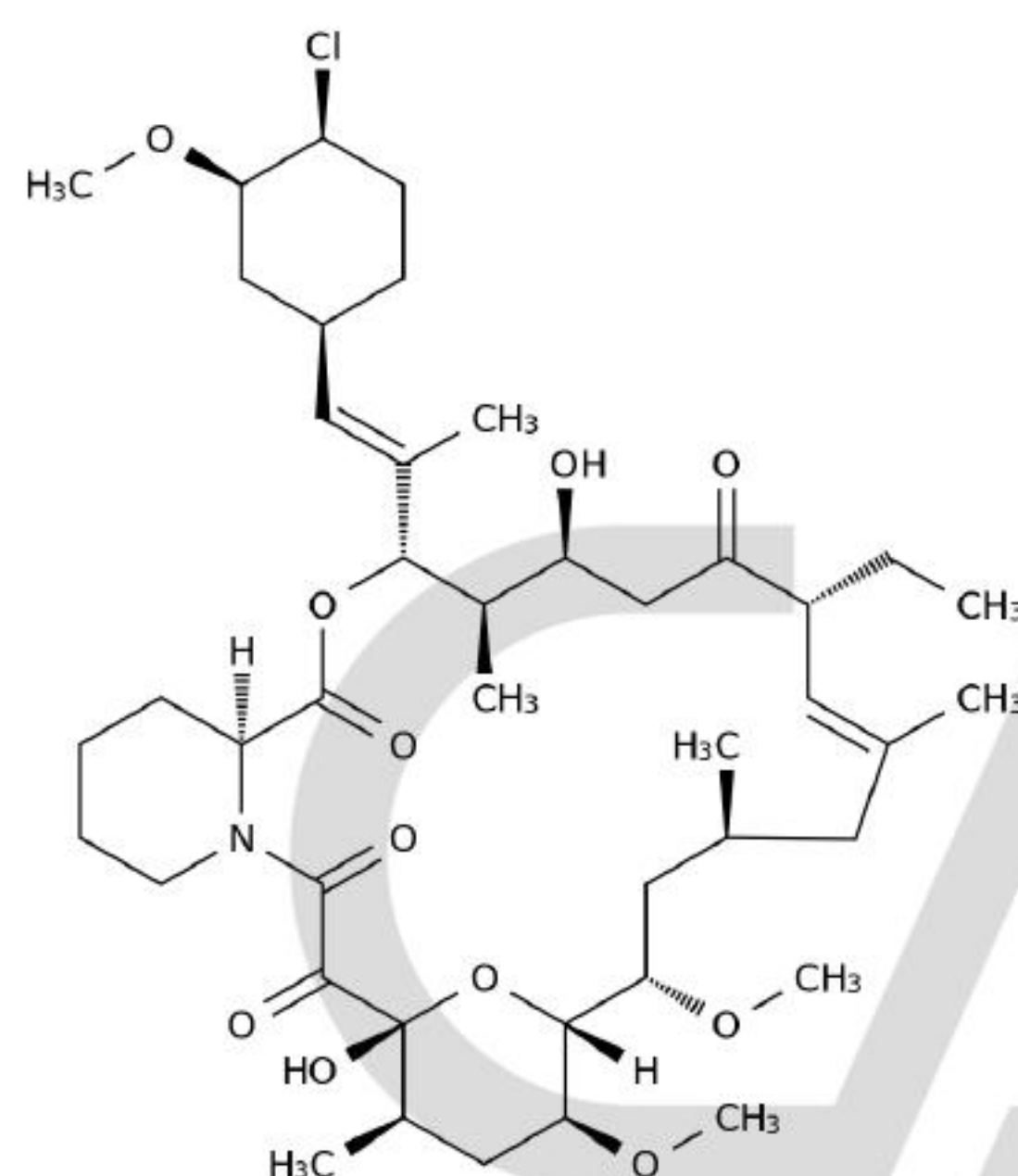
Reference Material & Standard

Product Name:	Pimecrolimus	Catalogue Number:	C4X-1731
Synonyms:	N/A	Lot Number:	0413-RH-0229
CAS Number:	137071-32-0	Expiry Date:	Apr 15, 2030
Molecular Formula:	C ₄₃ H ₆₈ ClNO ₁₁	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	810.45	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.138%
Residue on Ignition	TGA	3.2878%
Loss on Drying	TGA	0.0754%
Assay		94.8%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 16, 2026

Date: Apr 17, 2026

Date: Apr 17, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

