

Certificate of Analysis

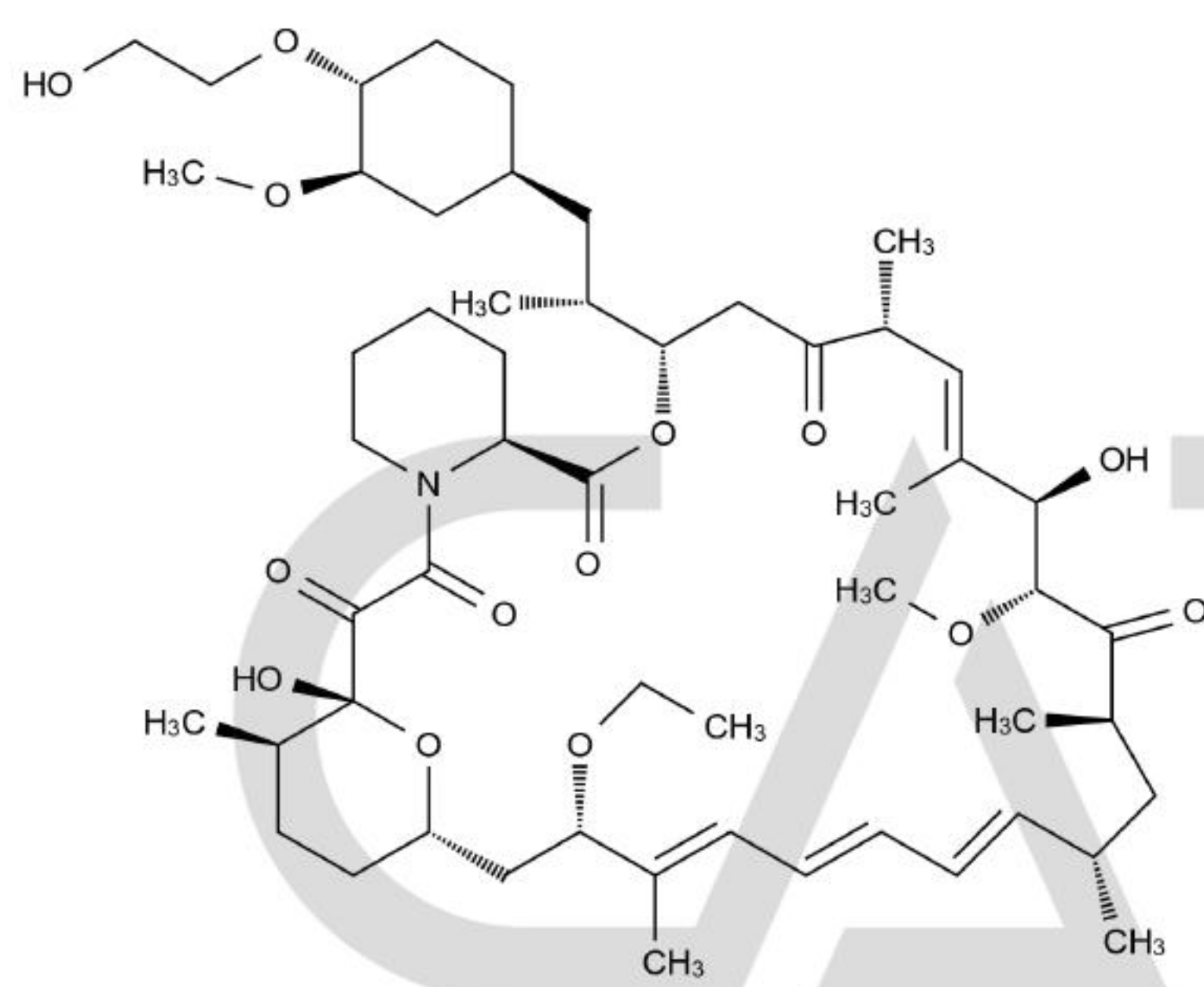
Reference Material & Standard

Product Name:	Everolimus O-Ethyl Impurity	Catalogue Number:	CP120879
Synonyms:	N/A	Lot Number:	0613-RE-0027
CAS Number:	1704711-12-5	Expiry Date:	May 25, 2025
Molecular Formula:	C ₅₄ H ₈₅ NO ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	972.25	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	92.16%
Loss on Drying	TGA	1.8802%
Assay		90.4%

Comment:

The calculation of the mass balance 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:

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Date: Jun 15, 2023

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