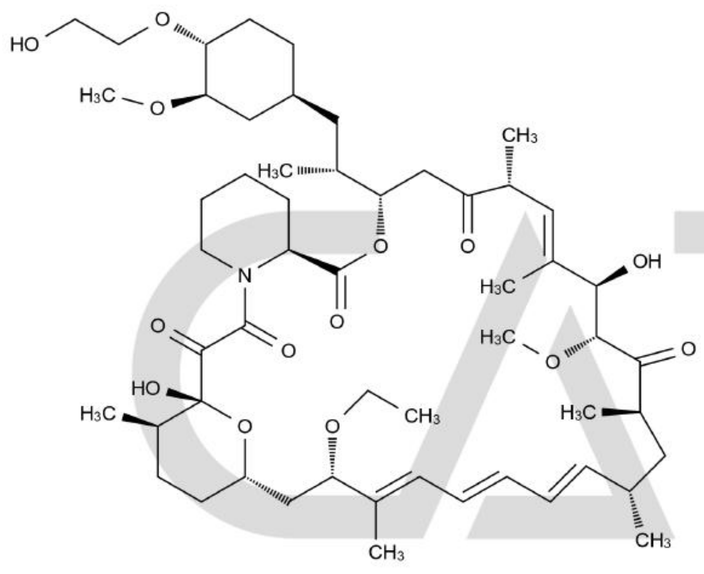
Certificate of Analysis

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:**	-20°C±5°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:

Prepared by: Hinlam Date: Jun 15, 2023

Reviewed by: Lisa Date: Jun 15, 2023

Approved by General Manager: David Date: Jun 15, 2023

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