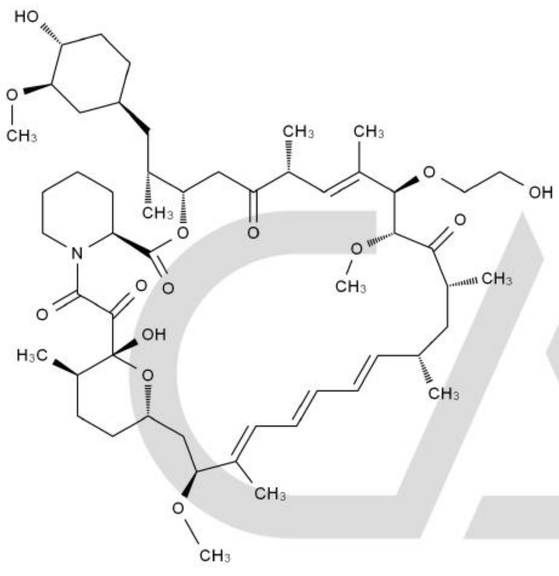
Certificate of Analysis

Reference Material & Standard

Product Name:	Everolimus EP Impurity D	**Catalogue Number:**	C4X-11228
Synonyms:	N/A	**Lot Number:**	0621-RE-0005
CAS Number:	2760174-96-5	**Expiry Date:**	Dec 22, 2024
Molecular Formula:	$C_{53}H_{83}NO_{14}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	958.22	**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	93.87%
Loss on Drying	TGA	0.19%
Assay		93.7%

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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: Nancy Date: Jun 27, 2023

Reviewed by: Hinlam Date: Jun 27, 2023

Approved by General Manager: David Date: Jun 27, 2023

CATO Research Chemicals Inc.