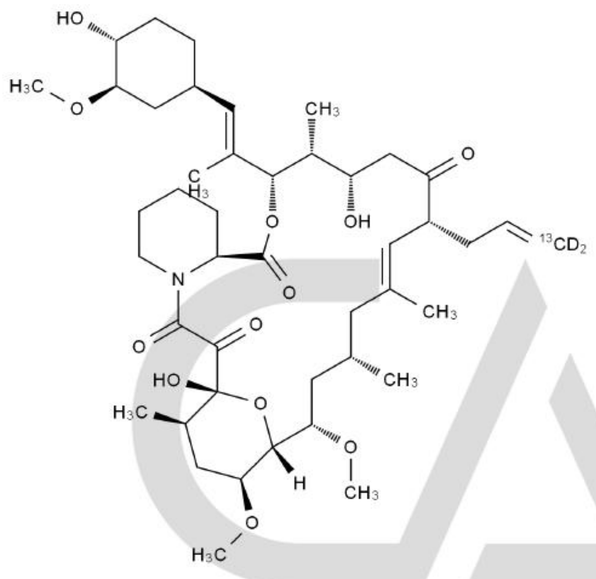
Certificate of Analysis

Reference Material & Standard

Product Name:	FK-506-13C,D2 (Major) (Tacrolimus)	**Catalogue Number:**	C4X-130013
Synonyms:	N/A	**Lot Number:**	0714-RH-0070
CAS Number:	1356841-89-8	**Expiry Date:**	Aug 12, 2030
Molecular Formula:	$C_{43}[13C]H_{67}D_2NO_{12}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	807.02	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	95.0%
Isotopic Purity		99% atom13C, >85% atom D

CATO Research Chemicals Inc.

Signature:

Prepared by: Reviewed by: Approved by General Manager:

Date: Sep 17, 2026 Date: Sep 17, 2026 Date: Sep 17, 2026