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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tacrolimus EP Impurity I

Identification:

Chemical Name: (3S,4R,5S,8R,9E,12S,14S,15R,16S,18R,19R,26aS)-5,15-dihydroxy-3-[(1E)-1-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]prop-1-en-2-yl]-14,16-dimethoxy-4,10,12,18-tetramethyl-8-(prop-2-en-1-yl)-3,4,5,6,11,12,13,14,15,16,17,18,24,25,26,26a-hexadecahydro-7H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,19,20,21(8H,23H)-pentone (as per EP)

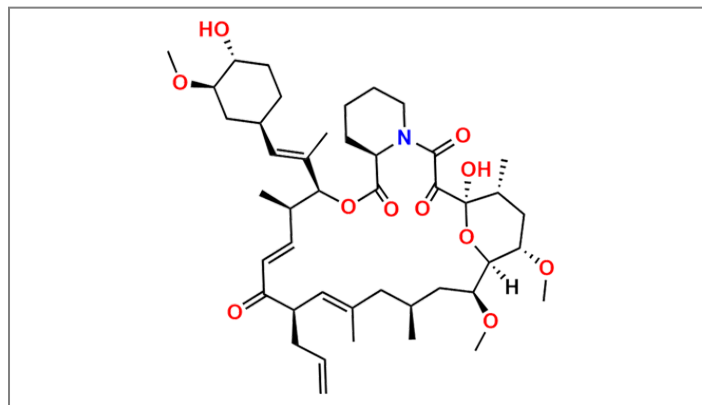
Synonyms : Tacrolimus Diene (USP)

CAS Number : 104987-16-8

CAT Number : CP-T39014

Molecular Formula : C₄₄H₆₇NO₁₁

Molecular Weight : 786



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.