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CERTIFICATE OF ANALYSIS

Analysis Date:

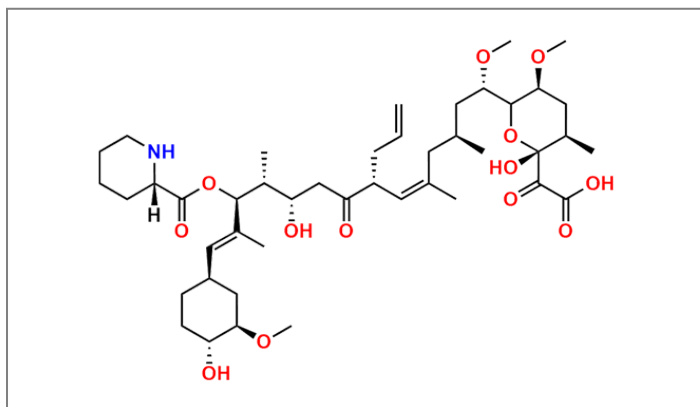
Re-test Date:

Product Name: Tacrolimus 21-Carboxylic Acid Impurity

Identification:

Chemical Name: 2-((2R,3R,5S)-6-((1S,3S,5Z,7R,10S,11R,12S,13E)-7-Allyl-10-hydroxy-14-((1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl)-1-methoxy-3,5,11,13-tetramethyl-8-oxo-12-(((S)-piperidine-2-carbonyl)oxy)tetradeca-5,13-dien-1-yl)-2-hydroxy-5-methoxy-3-methyltetrahydro-2H-pyran-2-yl)-2-oxoacetic acid

Synonyms : NA
CAS Number : NA
CAT Number : CP-T39009
Molecular Formula : C₄₄H₇₁NO₁₃
Molecular Weight : 822.05



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

Approved By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Ms Rohini Gagare
(QA Head)

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