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## CERTIFICATE OF ANALYSIS

Analysis Date:

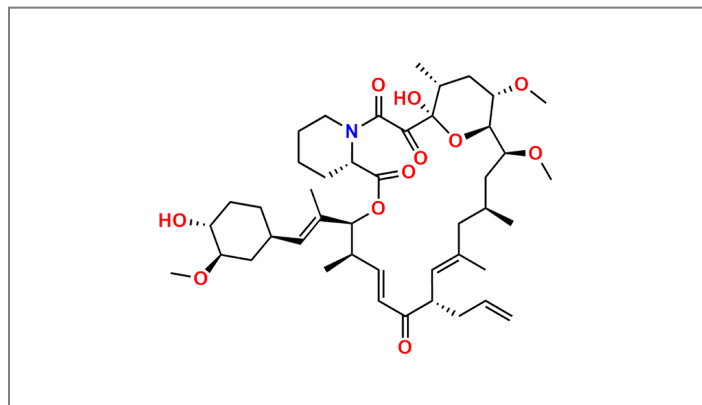
Re-test Date:

**Product Name: Tacrolimus Dehydro Impurity**

### Identification:

Chemical Name: 15,19-Epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone, 8,11,12,13,14,15,16,17,18,19,24,25,26,26a-tetradecahydro-19-hydroxy-3-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylethenyl]-14,16-dimethoxy-4,10,12,18-tetramethyl-8-(2-propenyl)-, [3S-[3R\*[E(1S\*,3S\*,4S\*)],4S\*,5E,8R\*,9E,12R\*,14R\*,15S\*,16R\*,18S\*,26aR\*]]- (9CI)

Synonyms : NA  
CAS Number : 129212-37-9  
CAT Number : CP-T39011  
Molecular Formula : C<sub>44</sub>H<sub>67</sub>NO<sub>11</sub>  
Molecular Weight : 786.02



### 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.