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## CERTIFICATE OF ANALYSIS

Analysis Date:

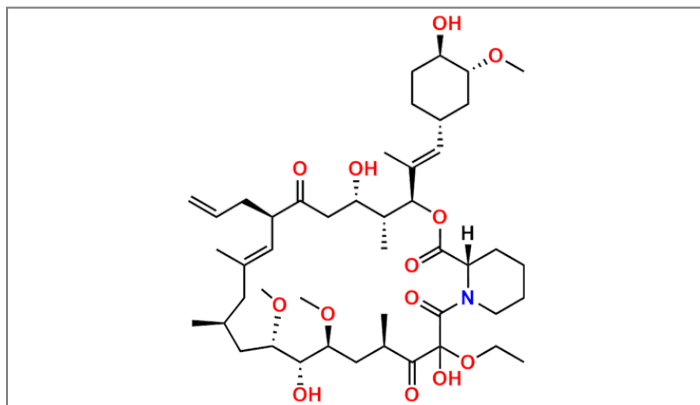
Re-test Date:

**Product Name: Tacrolimus O-ethyl open ring (peak 2)**

### Identification:

Chemical Name: (3S,4R,5S,8R,12S,14S,15R,16S,18R,26aS,E)-8-Allyl-20-ethoxy-5,15,20-trihydroxy-3-[(E)-1-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]prop-1-en-2-yl]-14,16-dimethoxy-4,10,12,18-tetramethyl-3,4,5,6,11,12,13,14,15,16,17,18,24,25,26,26a-hexadecahydro-7H-pyrido[2,1-c][1]oxa[4]azacyclotricosine-1,7,19,21(8H,20H,23H)-tetraone

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T39030  
Molecular Formula : C<sub>46</sub>H<sub>75</sub>NO<sub>13</sub>  
Molecular Weight : 850.1



### 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.