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## CERTIFICATE OF ANALYSIS

Analysis Date:

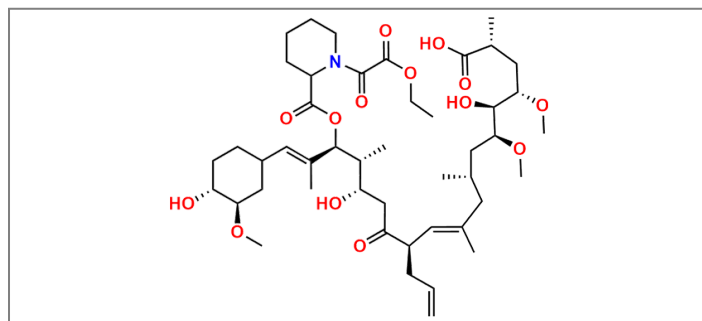
Re-test Date:

**Product Name: Tacrolimus Impurity 8**

### Identification:

Chemical Name: (2R,4S,5R,6S,8S,10E,12R,15S,16R,17S,18E)-12-allyl-17-((1-(2-ethoxy-2-oxoacetyl)piperidine-2-carbonyl)oxy)-5,15-dihydroxy-19-((3R,4R)-4-hydroxy-3-methoxycyclohexyl)-4,6-dimethoxy-2,8,10,16,18-pentamethyl-13-oxonadeca-10,18-dienoic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T39037  
Molecular Formula : C<sub>46</sub>H<sub>75</sub>NO<sub>14</sub>  
Molecular Weight : 866.1



### 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)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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