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## CERTIFICATE OF ANALYSIS

Analysis Date:

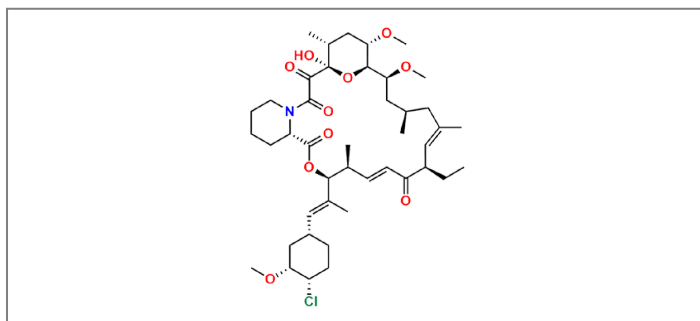
Re-test Date:

**Product Name: Pimecrolimus Impurity 5**

### Identification:

Chemical Name: (3S,4S,5E,8R,9E,12R,14S,15R,16S,18R,26aS)-3-((E)-1-((1R,3R,4S)-4-chloro-3-methoxycyclohexyl)prop-1-en-2-yl)-8-ethyl-19-hydroxy-14,16-dimethoxy-4,10,12,18-tetramethyl-8,11,12,13,14,15,16,17,18,19,24,25,26,26a-tetradecahydro-3H-15,19-epoxyprido[2,1-c][1]oxa[4]azacyclotricosine-1,7,20,21(4H,23H)-tetraone

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-P132016  
Molecular Formula : C<sub>43</sub>H<sub>66</sub>ClNO<sub>10</sub>  
Molecular Weight : 792.45



### 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.