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## CERTIFICATE OF ANALYSIS

Analysis Date:

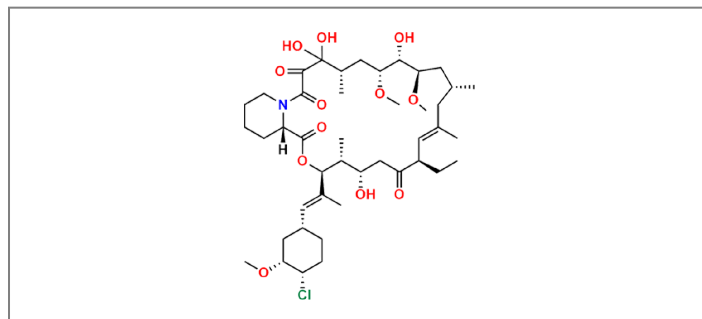
Re-test Date:

**Product Name: Pimecrolimus Impurity 13**

### Identification:

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

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-P132008  
Molecular Formula : C<sub>43</sub>H<sub>70</sub>ClNO<sub>12</sub>  
Molecular Weight : 828.48



### 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.