

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

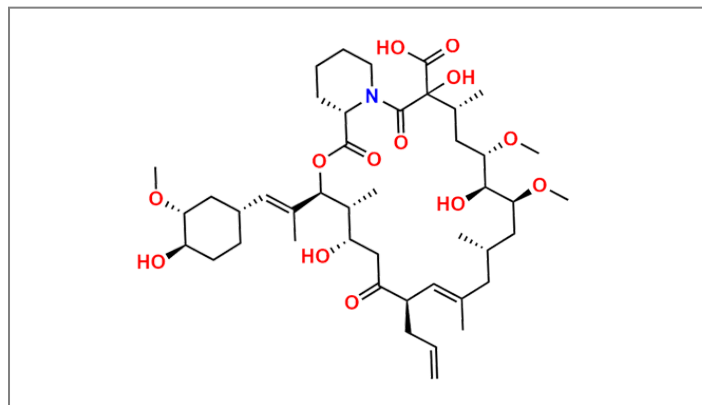
Re-test Date:

**Product Name: Tacrolimus Hydroxy Acid Impurity**

**Identification:**

Chemical Name: (3S,4R,5S,8R,12S,14S,15R,16S,18R,25aS,E)-8-Allyl-5,15,19-trihydroxy-3-((E)-1-((1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl)prop-1-en-2-yl)-14,16-dimethoxy-4,10,12,18-tetramethyl-1,7,20-trioxo-1,3,4,5,6,7,8,11,12,13,14,15,16,17,18,19,20,22,23,24,25,25a-docosahydropyrido[2,1-c][1]oxa[4]azacyclodocosine-19-carboxylic acid

Synonyms : NA  
CAS Number : 1700657-83-5  
CAT Number : CP-T39006  
Molecular Formula : C44H71NO13  
Molecular Weight : 822.05



**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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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