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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Cyclosporin EP Impurity D

Identification:

Chemical Name: 1,11-anhydro[L-alanyl-D-alanyl-N-méthyl-L-leucyl-N-méthyl-L-leucyl-N-méthyl-L-valyl-(2S,3R,4R,6E)-3-hydroxy-4-méthyl-2-(méthylamino)oct-6-énoyl-(2S)-2-aminobutanoyl-N-méthylglycyl-N-méthyl-L-leucyl-L-valyl-L-leucine] (as per EP)

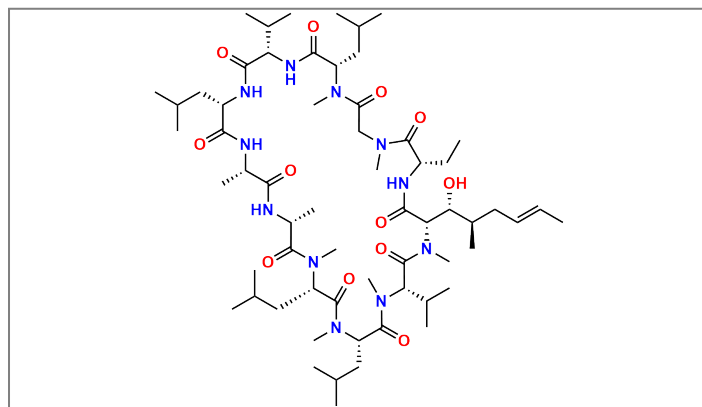
Synonyms: : [Leu11]cyclosporine A, cyclosporine U (EP)

CAS Number: : 108027-45-8

CAT Number: : CP-C162004

Molecular Formula: : C₆₁H₁₀₉N₁₁O₁₂

Molecular Weight: : 1188.6



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)