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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Polymyxin B1 Impurity 2

Identification:

Chemical Name: (S)-N-((S)-4-amino-1-(((2S,3R)-1-(((S)-4-amino-1-oxo-1-(((3S,6S,9S,12S,15S,18S,21S)-6,9,18-tris(2-aminoethyl)-15-benzyl-12-((S)-sec-butyl)-3-((R)-1-hydroxyethyl)-2,5,8,11,14,17,20-heptaaxo-1,4,7,10,13,16,19-heptaazacyclotricosan-21-yl)amino)butan-2-yl)amino)-3-hydroxy-1-oxobutan-2-yl)amino)-1-oxobutan-2-yl)-6-methyloctanamide 2,2,2-trifluoroacetic acid

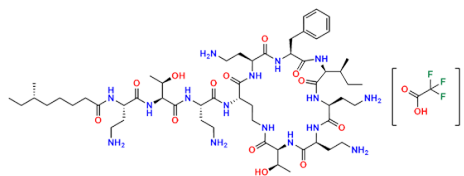
Synonyms : NA

CAS Number : NA

CAT Number : CP-P142016

Molecular Formula : C₅₆H₉₈N₁₆O₁₃ : 5C₂H_F3O₂

Molecular Weight : 1203.50 : 5(114.02)



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.