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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

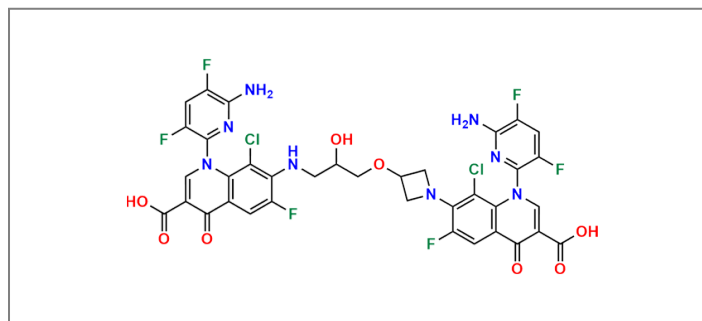
Re-test Date: Dec 2027

Product Name: Delafloxacin Dimer Impurity

Identification:

Chemical Name: 1-(6-Amino-3,5-difluoropyridin-2-yl)-7-(3-(3-((1-(6-amino-3,5-difluoropyridin-2-yl)-3-carboxy-8-chloro-6-fluoro-4-oxo-1,4-dihydroquinolin-7-yl)amino)-2-hydroxypropoxy)azetid-1-yl)-8-chloro-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

Synonyms : NA
CAS Number : 1093185-35-3
CAT Number : CP-D143003
Molecular Formula : C₃₆H₂₄Cl₂F₆N₈O₈
Molecular Weight : 881.53
Batch Number : CP-DEL-DIM-0125
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.11%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	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.