

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 Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

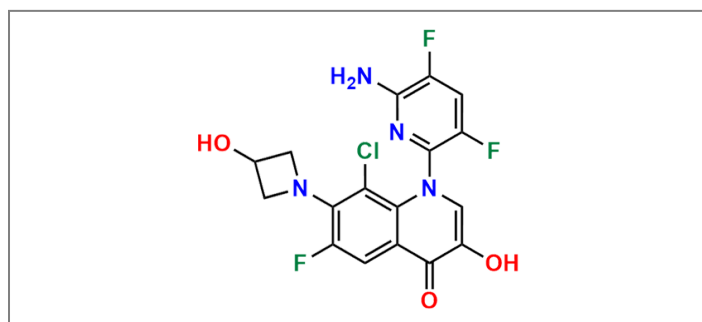
Re-test Date: Oct 2027

Product Name: Delafloxacin Impurity 1

Identification:

Chemical Name: 1-(6-Amino-3,5-difluoropyridin-2-yl)-8-chloro-6-fluoro-3-hydroxy-7-(3-hydroxyazetid-1-yl)quinolin-4(1H)-one

Synonyms : NA
CAS Number : 2097714-10-6
CAT Number : CP-D143001
Molecular Formula : C₁₇H₁₂ClF₃N₄O₃
Molecular Weight : 412.75
Batch Number : CP-DEL-01-1024
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Light Orange Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.81%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	Weight loss by TGA	0.115%
8)	Potency by TGA	97.69%



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.