

CERTIFICATE OF ANALYSIS

(Certificate No. KMC038027-01)

Release Date: 20/08/2024

Re-test Date: 19/08/2027

Cabozantinib Impurity 22

Identification

Chemical Name :

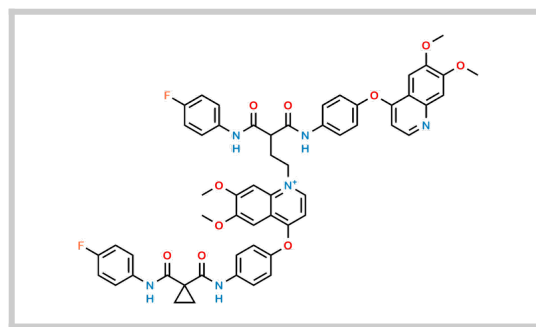
1-(4-((4-((6,7-Dimethoxyquinolin-4-yl)oxy)phenyl)amino)-3-((4-fluorophenyl)carbamoyl)-4-oxobutyl)-4-(4-(1-((4-fluorophenyl)carbamoyl)cyclopropane-1-carboxamido)phenoxy)-6,7-dimethoxyquinolin-1-ium

CAT No. : KMC038027

CAS No. : Not Available

Molecular Formula : C₅₆H₄₉F₂N₆O₁₀

Molecular Weight : 1003.35



Analytical Information

Batch No. : CAB-073-084

Description : White Solid

HPLC Purity : 97.30 %

Weight Loss By TGA : 4.70 %

% Potency : 92.73 %

Solubility : DMF

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

D₂O Exchange : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = $[100 - 4.70(\text{Weight Loss By TGA})] \times [97.30(\text{HPLC Purity})]/100 = 92.73 \%$
-TGA analysis added on 14.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/09/2024

Attachments : COA, HPLC, MASS, ¹H NMR, D₂O EXCHANGE, IR and TGA