CERTIFICATE OF ANALYSIS

(Certificate No. KMS008020-01)

Release Date: 20/03/2025 **Re-test Date:** 19/03/2028

Sorafenib EP Impurity J

Identification

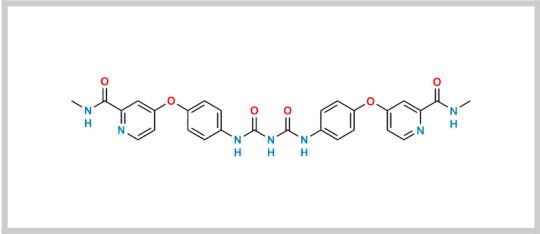
Chemical Name :
4,4'-((((Azanediylbis(carbonyl))bis(azanediyl))bis(4,1-phenylene))bis(oxy))bis(N-methylpicolinamide)

CAT No. : KMS008020

CAS No. : 2206827-18-9

Molecular Formula : C28H25N7O6

Molecular Weight : 555.6



Analytical Information

Batch No. : S008020-091-283

Description : Off White Solid

HPLC Purity : 94.06 %

Weight Loss By TGA : 0.35 %

% Potency : 93.73 %

Solubility : Methanol : Water :: (9:1)

Mass : Confirm

IR : Confirm

1H NMR : 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 - 0.35(Weight Loss By TGA)] x [94.06(HPLC Purity)]/100 = 93.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/03/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA