

CERTIFICATE OF ANALYSIS

(Certificate No. KMI004052-01)

Release Date: 02/12/2024

Re-test Date: 01/12/2027

N-Nitroso Imatinib

Identification

Chemical Name :

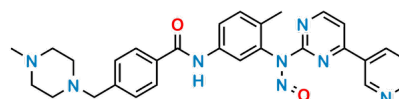
N-(4-Methyl-3-(nitroso(4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)-4-((4-methylpiperazin-1-yl)methyl)benzamide

CAT No. : KMI004052

CAS No. : Not Available

Molecular Formula : C₂₉H₃₀N₈O₂

Molecular Weight : 522.6



Analytical Information

Batch No. : IMA-N-NO-045-335

Description : Light Yellow Solid

HPLC Purity : 96.37 %

Weight Loss By TGA : 3.05 %

% Potency : 93.43 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 3.05(Weight Loss By TGA)] x [96.37(HPLC Purity)]/100 = 93.43 %

-¹³C NMR added on 29.11.2024

-Re-tested on 02.12.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		02/12/2024

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA