

CERTIFICATE OF ANALYSIS

(Certificate No. KMI004022-01)

Release Date: 18/09/2024

Re-test Date: 17/09/2027

Imatinib EP Impurity C

Identification

Chemical Name :

4-[Piperizinyl] methyl-N-[4-methyl-3-[(4-pyridinyl)-2-pyrimidinylamino]phenyl]benzamide

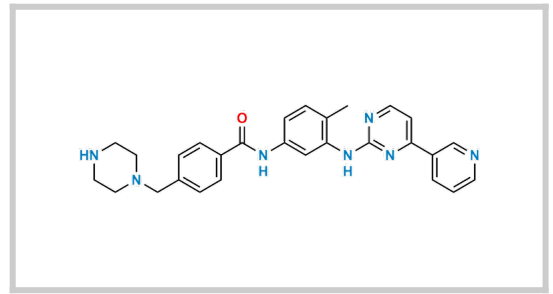
Alt. Name : N-Desmethyl Imatinib

CAT No. : KMI004022

CAS No. : 404844-02-6

Molecular Formula : C₂₈H₂₉N₇O

Molecular Weight : 479.6



Analytical Information

Batch No. : I004022-073-381

Description : Yellow Thick Semi Solid

HPLC Purity : 99.89 %

% Potency : 99.89 %

Solubility : Acetonitrile

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 -] x [99.89(HPLC Purity)]/100 = 99.89 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 18/09/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 18/09/2024 |

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