

CERTIFICATE OF ANALYSIS

(Certificate No. KMI004032-01)

Release Date: 26/11/2024

Re-test Date: 25/11/2027

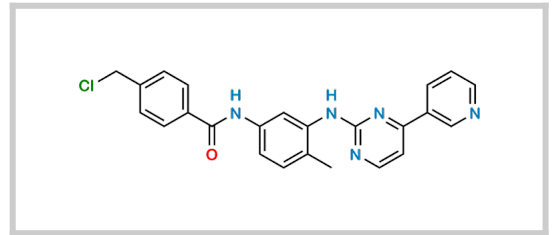
Imatinib Impurity 3

Identification

Chemical Name :

N-[4-Methyl-3-(4-pyridin-3-yl-pyrimidin-2-ylamino)-phenyl]-4-chloromethyl Benzamide; 4-Chloromethyl-N-[4-methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]phenyl]benzamide; N-[5[[4-(Chloromethyl)benzoyl]amino]-2-methylphenyl]4-(3-pyridyl)-2-pyrimidine

CAT No. : KMI004032
CAS No. : 404844-11-7
Molecular Formula : C₂₄H₂₀ClN₅O
Molecular Weight : 429.9



Analytical Information

Batch No.	: I004032-091-040	Solubility	: Methanol :MDC (1:1)
Description	: Light Yellow Solid	Mass	: Confirm
HPLC Purity	: 94.15 %	IR	: Confirm
Weight Loss By TGA	: 0.56 %	1H NMR	: Confirm
% Potency	: 93.62 %		

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 = $[100 - 0.56(\text{Weight Loss By TGA})] \times [94.15(\text{HPLC Purity})]/100 = 93.62 \%$
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/11/2024

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