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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Imatinib EP Impurity A

Identification:

Chemical Name: (2E)-3-(Dimethylamino)-1-(3-pyridyl)prop-2-en-1-one

Synonyms : Imatinib Dimethylamino
Impurity ; Imatinib IP Impurity A

CAS Number : 55314-16-4

CAT Number : CP-I5001

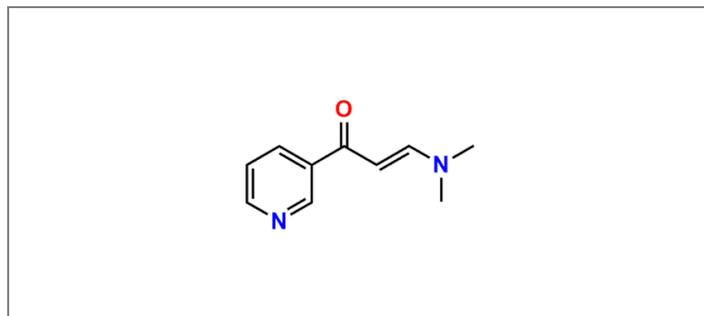
Molecular Formula : C₁₀H₁₂N₂O

Molecular Weight : 176.22

Batch Number : CP-IMA-A-0126

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.54%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	1.953%
8)	Potency by TGA	97.59%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.