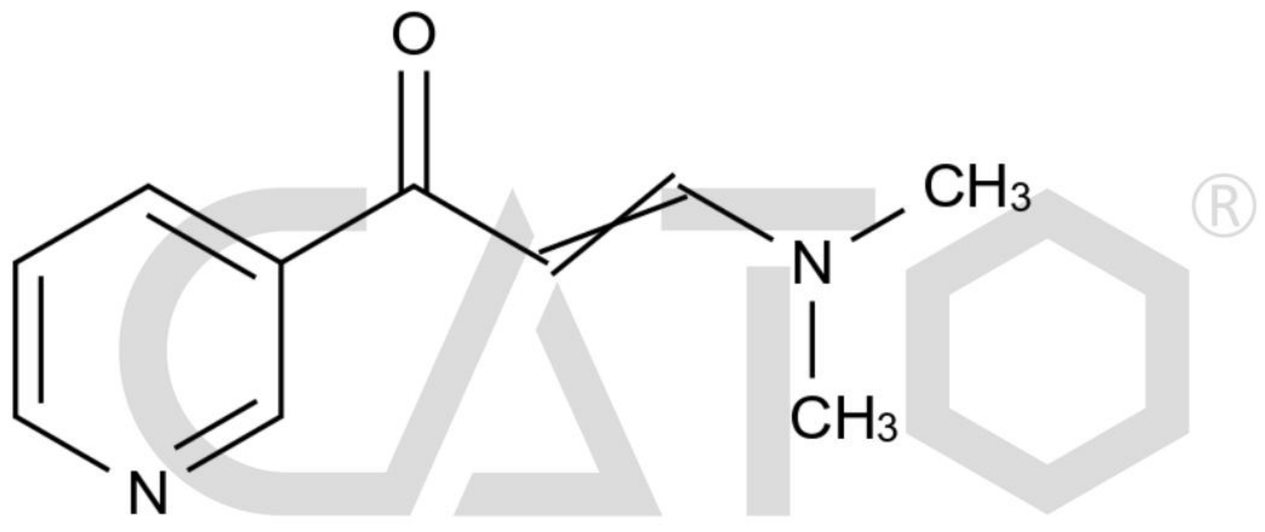
Certificate of Analysis

Reference Material & Standard

Product Name:	Imatinib EP Impurity A (Mixture of Z/E-Isomer)	**Catalogue Number:**	C4X-12563
Synonyms:	N/A	**Lot Number:**	0628-RB-0025
CAS Number:	55314-16-4	**Expiry Date:**	Aug 21, 2027
Molecular Formula:	$C_{10}H_{12}N_2O$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.22	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8376%
Loss on Drying	TGA	1.0813%
Assay		98.8%

CATO Research Chemicals Inc.

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Aug 22, 2024

Reviewed by: Lisa Date: Aug 23, 2024

Approved by General Manager: David Date: Aug 23, 2024

CATO Research Chemicals Inc.