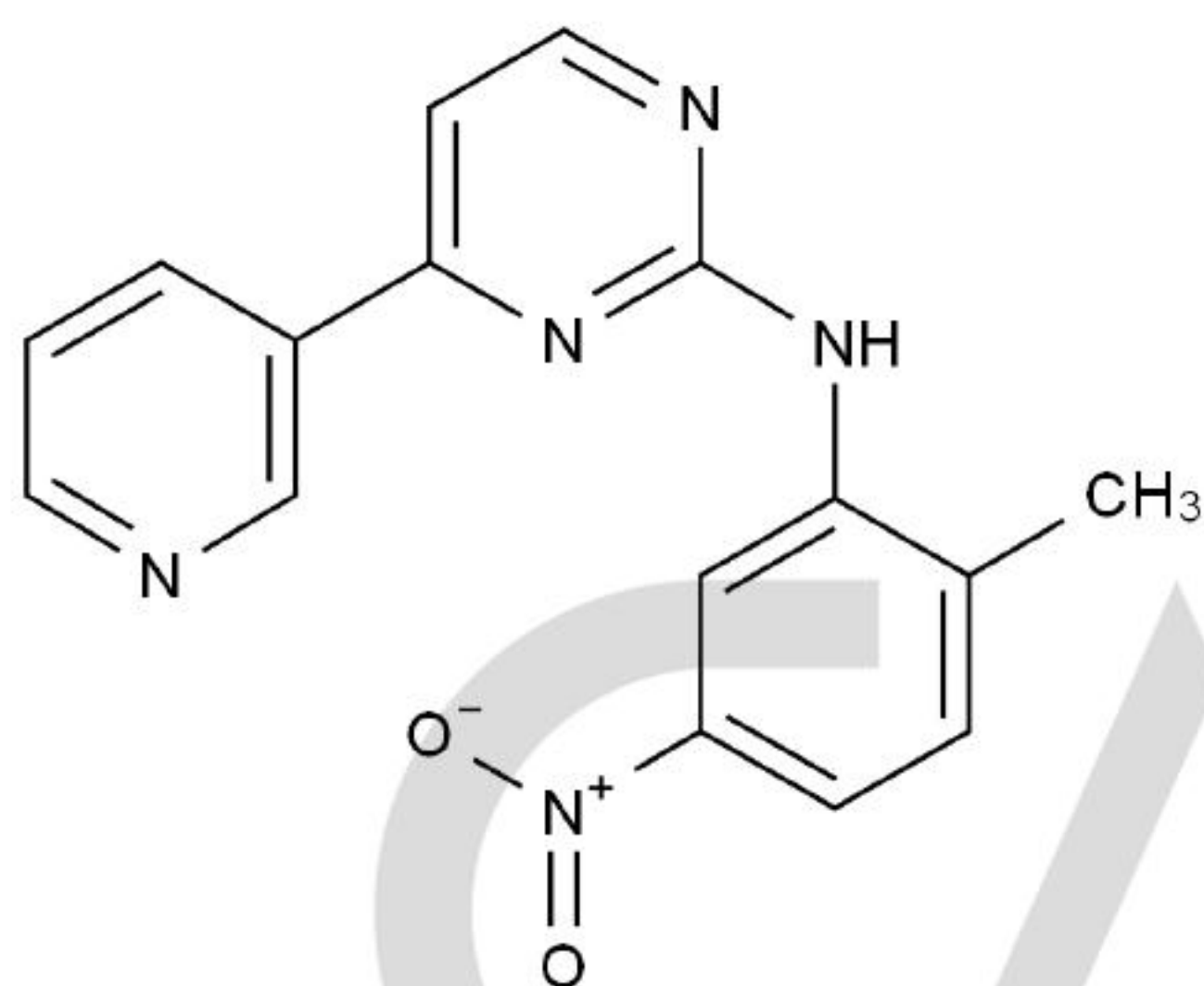


Certificate of Analysis

Reference Material & Standard

Product Name:	Imatinib Impurity 53	Catalogue Number:	C4X-106853
Synonyms:	N-(2-Methyl-5-nitrophenyl)-4-(pyridin-3-yl)pyrimidin-2-amine	Lot Number:	1021-RA-0009
CAS Number:	152460-09-8	Expiry Date:	Jul 17, 2027
Molecular Formula:	C ₁₆ H ₁₃ N ₅ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	307.31	Shipping Condition:	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.6939%
Assay		99.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 30, 2025

Date: Oct 30, 2025

Date: Oct 30, 2025



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