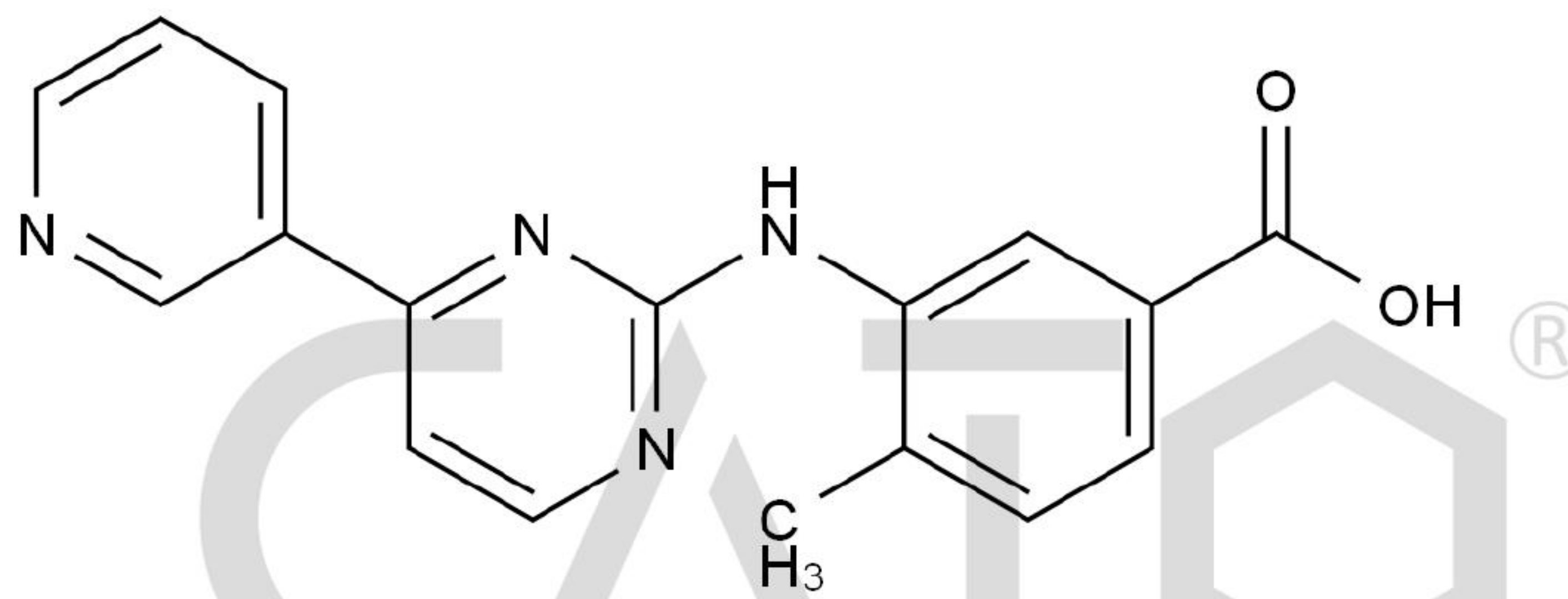


Certificate of Analysis

Reference Material & Standard

Product Name:	Nilotinib Hydrochloride Monohydrate EP Impurity D	Catalogue Number:	C4X-125626
Synonyms:	4-Methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]benzoic acid	Lot Number:	0106-RH-0012
CAS Number:	641569-94-0	Expiry Date:	Jan 08, 2030
Molecular Formula:	C ₁₇ H ₁₄ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	306.32	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.864%
Loss on Drying	TGA	0.1237%
Assay		99.7%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 09, 2026

Date: Jan 09, 2026

Date: Jan 09, 2026



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