

Certificate of Analysis

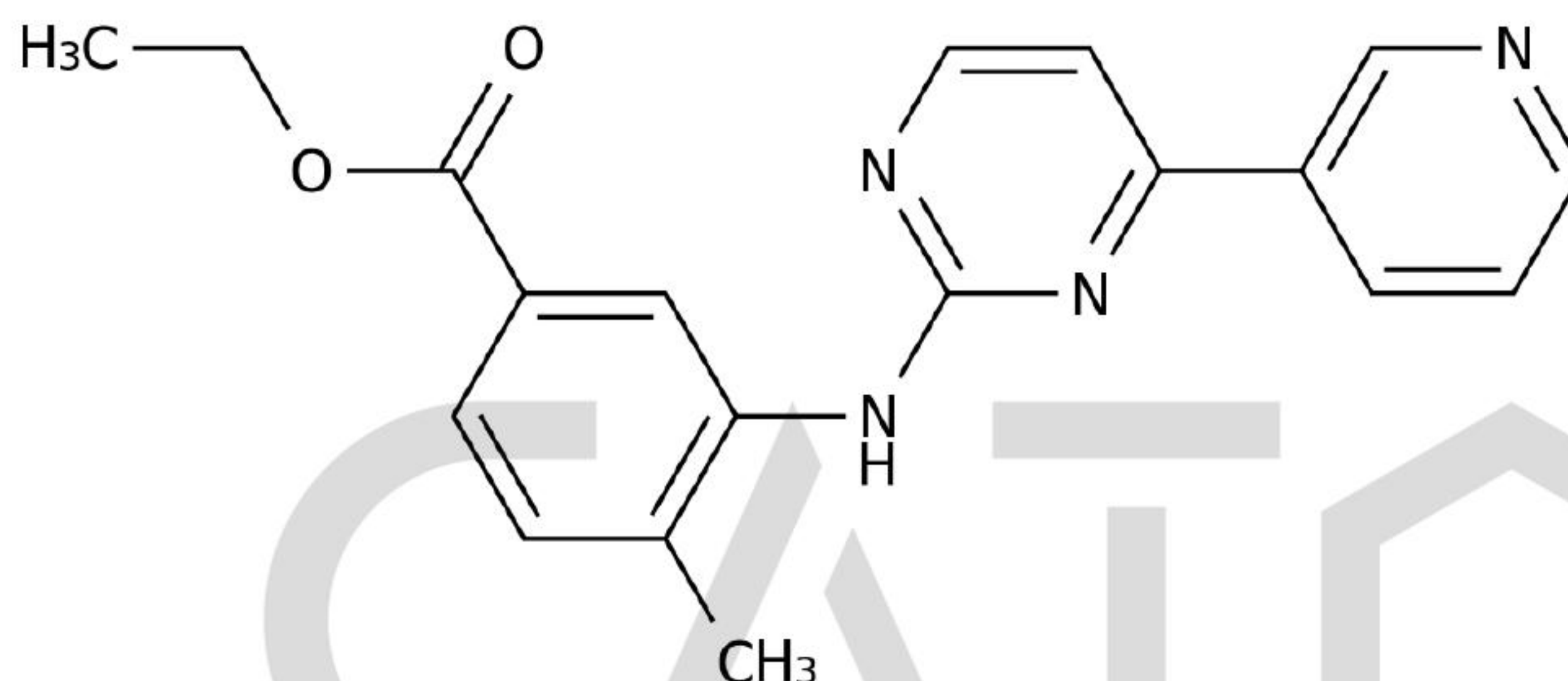
Reference Material & Standard

Product Name:	Nilotinib Impurity 28	Catalogue Number:	C4X-125628
Synonyms:	4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]benzoic acid ethyl ester	Lot Number:	0430-RF-0051
CAS Number:	641569-97-3	Expiry Date:	Jul 29, 2030
Molecular Formula:	C ₁₉ H ₁₈ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	334.37	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.015%
Loss on Drying	TGA	0.0676%
Assay		98.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 30, 2026

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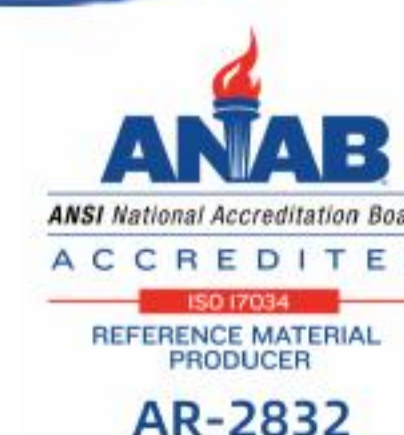
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