

Certificate of Analysis

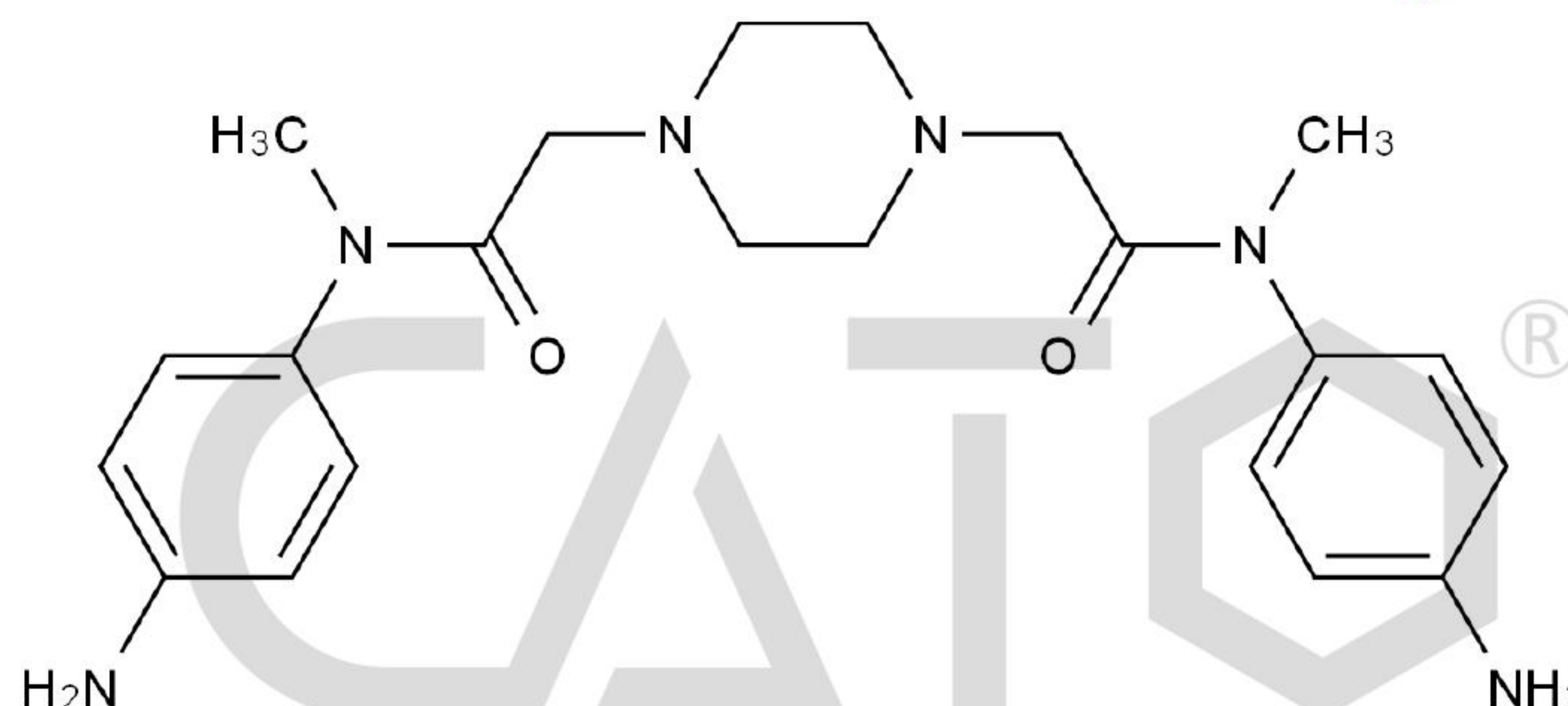
Reference Material & Standard

Product Name:	Nintedanib Impurity 1	Catalogue Number:	C4X-18141
Synonyms:	N/A	Lot Number:	0910-RH-0095
CAS Number:	2410284-89-6	Expiry Date:	Sep 13, 2030
Molecular Formula:	C ₂₂ H ₃₀ N ₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	410.51	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.214%
Water Content	Karl Fischer	0.46%
Residual Solvents	NMR	0.30% dichloromethane
Assay		96.5%

Comment:

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

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

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 15, 2026

Date: Sep 15, 2026

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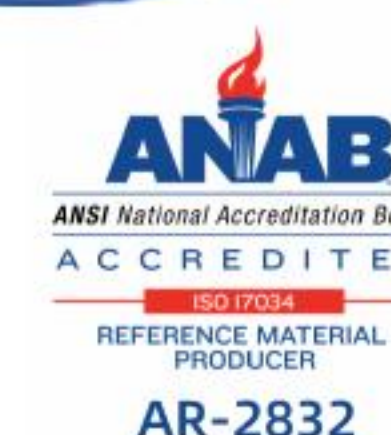
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Page 1 of 8



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