

Certificate of Analysis

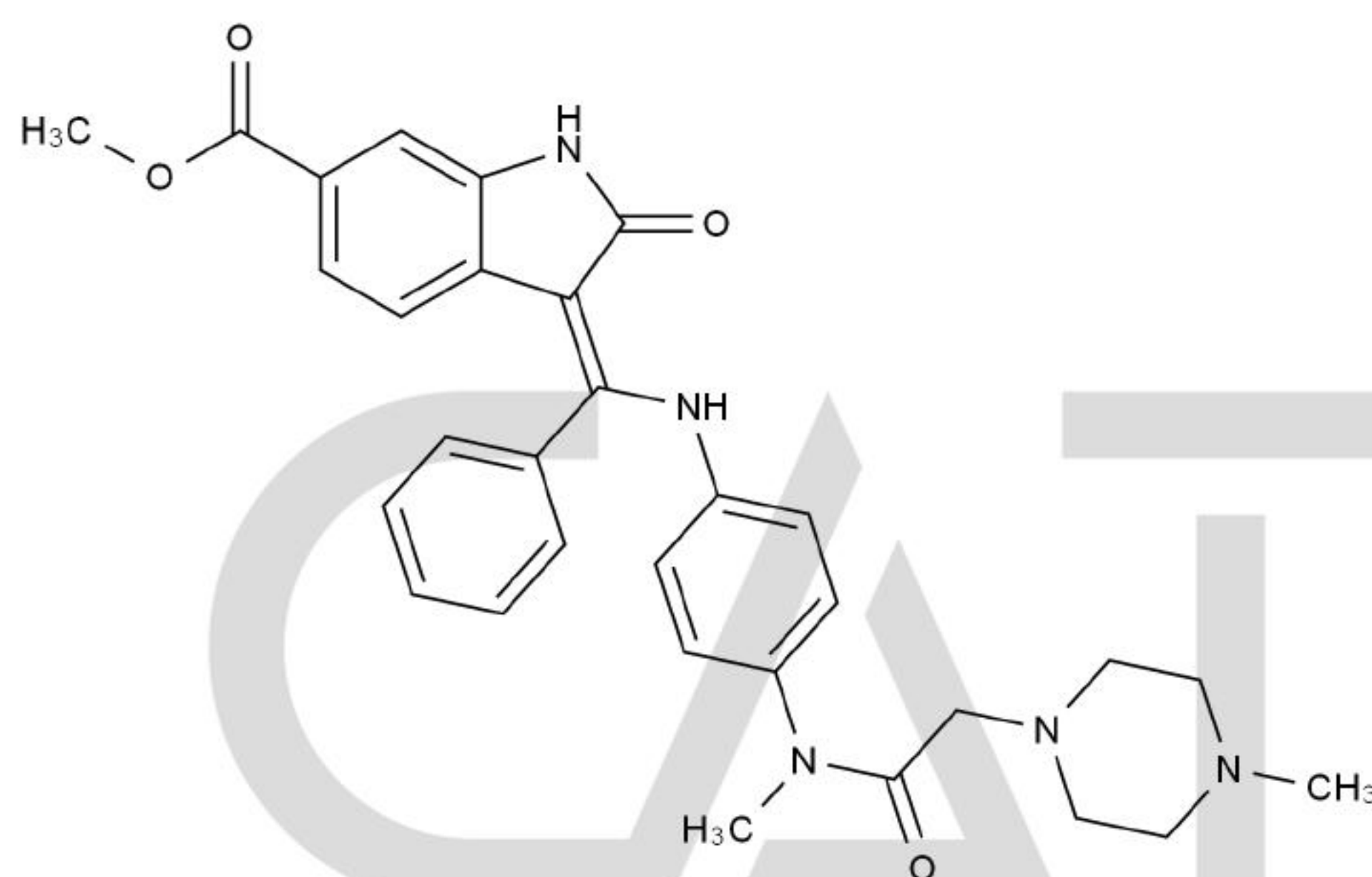
Reference Material & Standard

Product Name:	Nintedanib	Catalogue Number:	C4X-1266
Synonyms:	N/A	Lot Number:	1021-RG-0032
CAS Number:	656247-17-5	Expiry Date:	Oct 30, 2029
Molecular Formula:	C ₃₁ H ₃₃ N ₅ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	539.62	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow-Green Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.902%
Residue on Ignition	TGA	0.1712%
Loss On Drying	TGA	0.4596%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are 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 31, 2025

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