

Certificate of Analysis

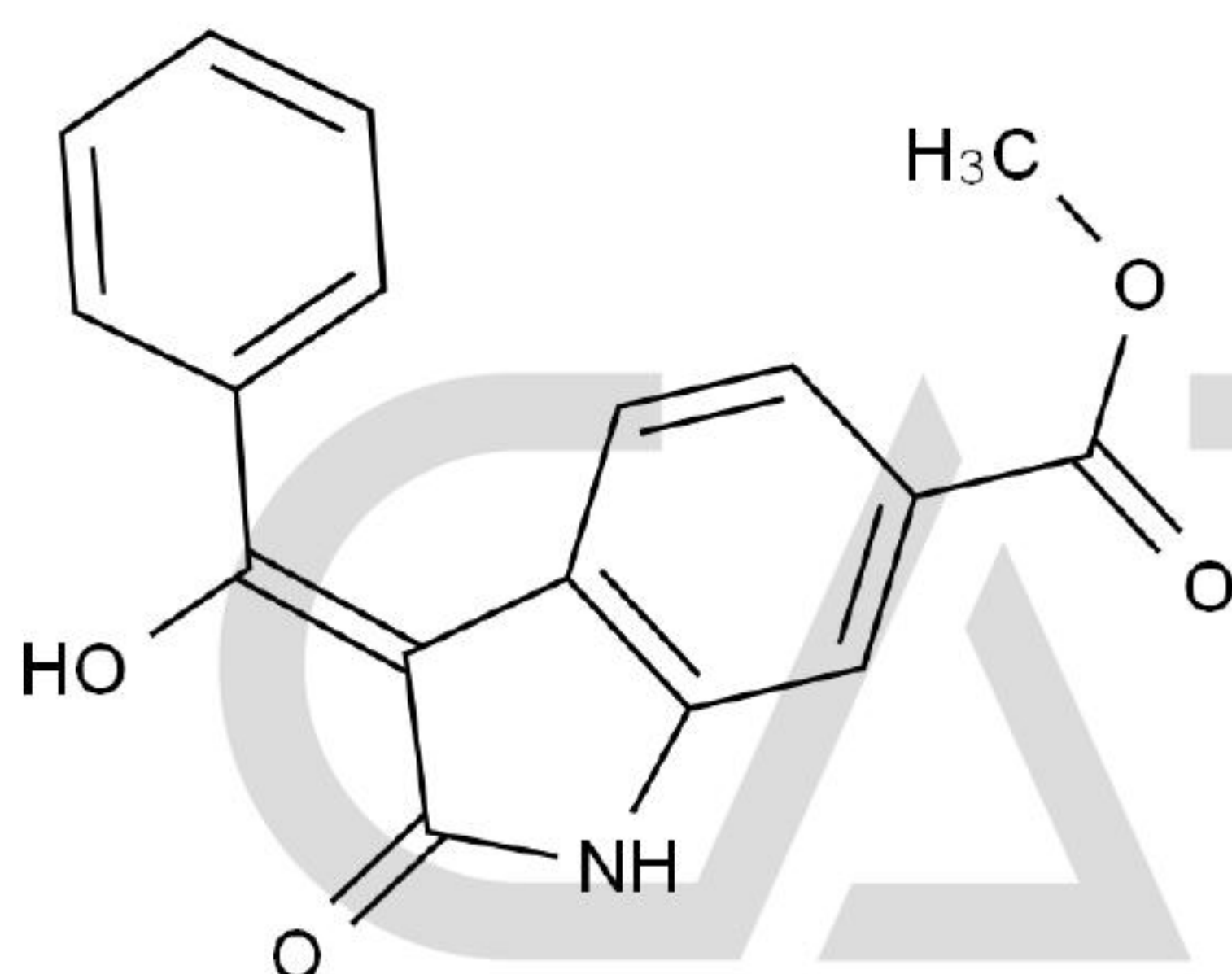
Reference Material & Standard

Product Name:	Nintedanib Impurity 3	Catalogue Number:	C4X-18143
Synonyms:	N/A	Lot Number:	0905-RG-0085
CAS Number:	2093243-16-2	Expiry Date:	Sep 14, 2029
Molecular Formula:	C ₁₇ H ₁₃ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	295.29	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.312%
Water Content	Karl Fischer	0.0614%
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:

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Date: Mar 03, 2026

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