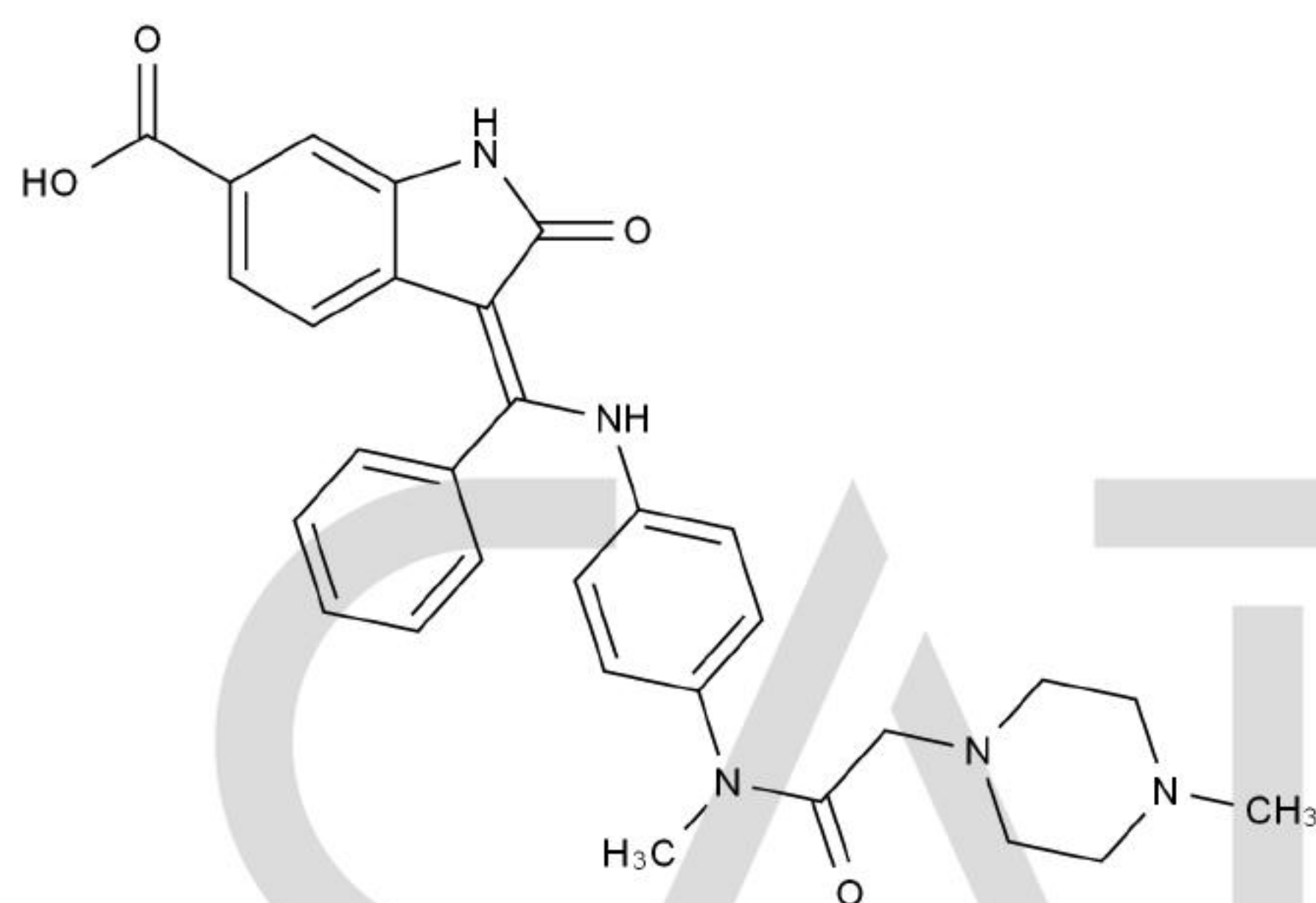


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity N1	Catalogue Number:	C4X-12661
Synonyms:	N/A	Lot Number:	0311-RF-0068
CAS Number:	894783-71-2	Expiry Date:	Jan 27, 2030
Molecular Formula:	C ₃₀ H ₃₁ N ₅ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	525.60	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	6.4424%
Assay		93.6%

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: Jan 28, 2026

Date: Jan 28, 2026

Date: Jan 28, 2026



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