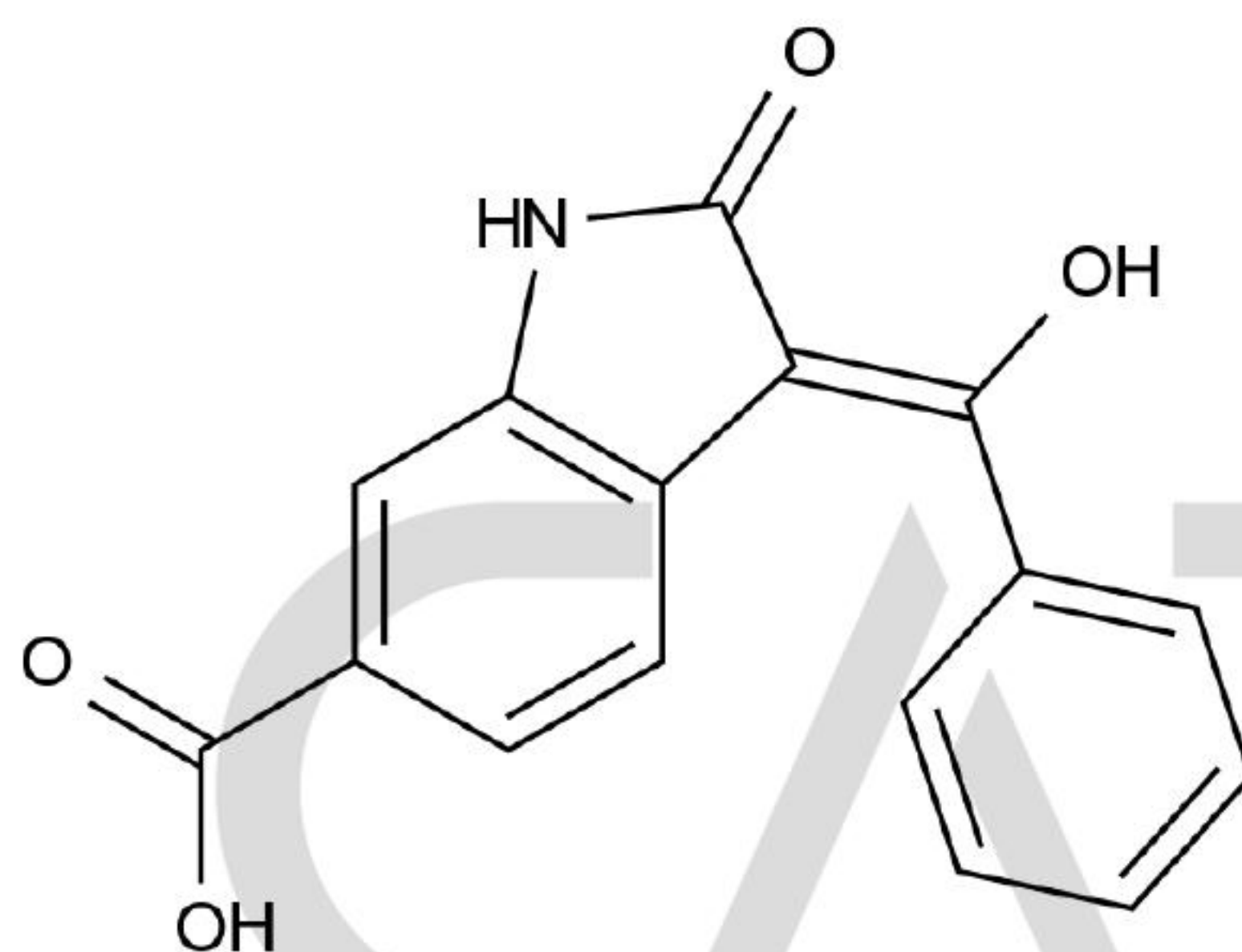


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 75	Catalogue Number:	C4X-181475
Synonyms:	N/A	Lot Number:	0508-RH-0002
CAS Number:	1253768-91-0	Expiry Date:	May 06, 2030
Molecular Formula:	C ₁₆ H ₁₁ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	281.26	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.733%
Loss on Drying	TGA	1.3405%
Assay		98.4%

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: May 08, 2026

Date: May 08, 2026

Date: May 08, 2026



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