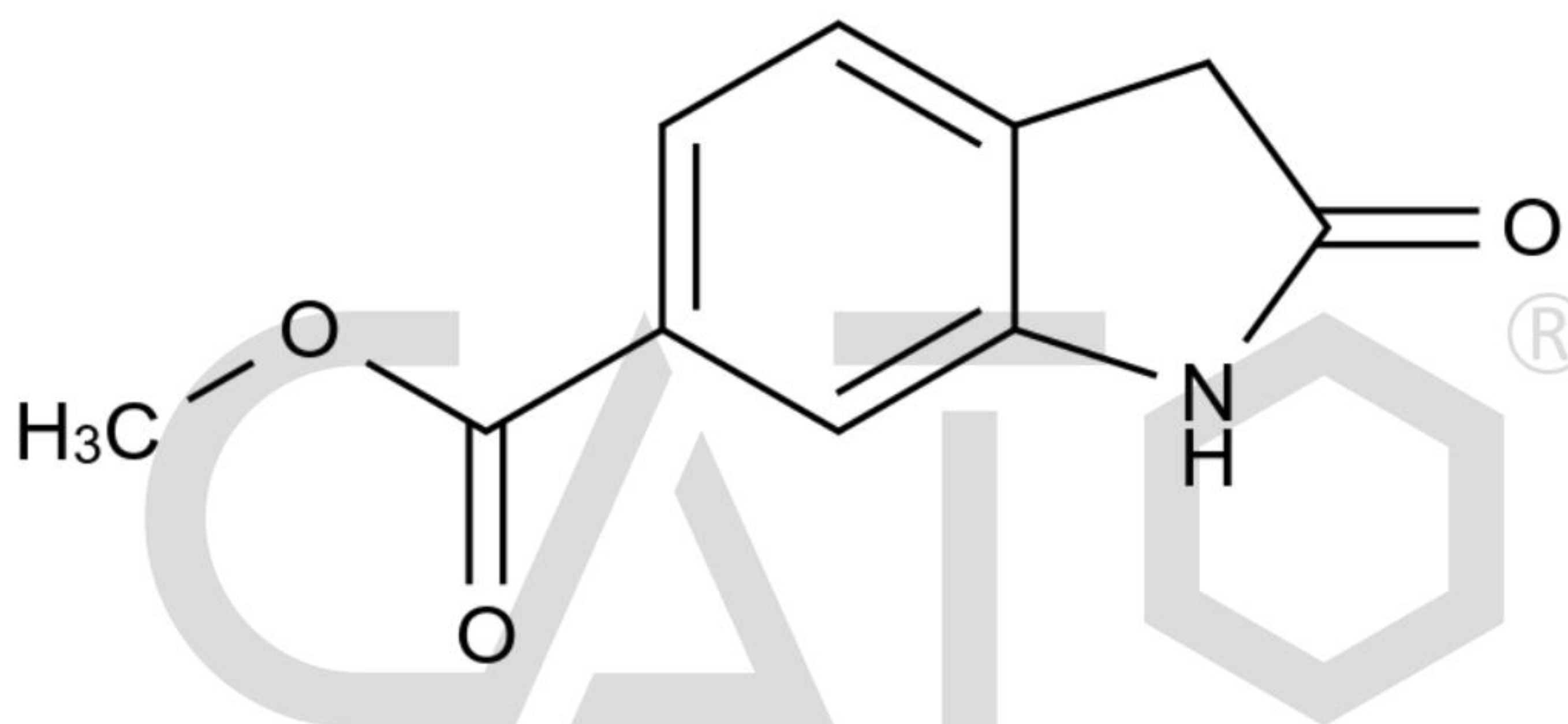


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 72	Catalogue Number:	C4X-181472
Synonyms:	N/A	Lot Number:	0911-RE-0086
CAS Number:	14192-26-8	Expiry Date:	Nov 02, 2029
Molecular Formula:	C ₁₀ H ₉ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	191.18	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.558%
Loss On Drying	TGA	0.1671%
Assay		97.4%

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: Nov 03, 2025

Date: Nov 04, 2025

Date: Nov 04, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

