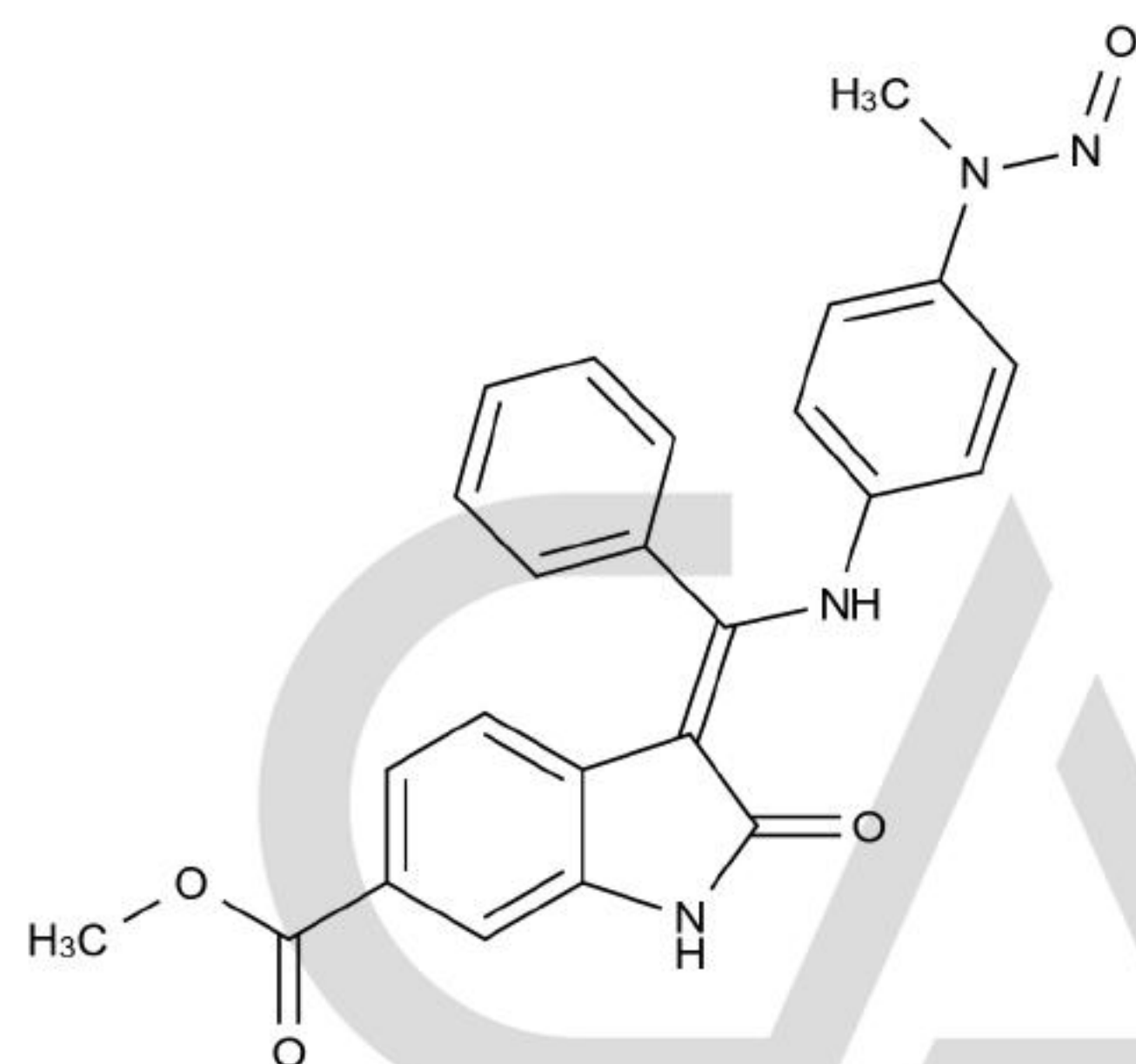


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 107	Catalogue Number:	C4X-1814107
Synonyms:	N/A	Lot Number:	0616-RH-0045
CAS Number:	N/A	Expiry Date:	Jun 16, 2030
Molecular Formula:	C ₂₄ H ₂₀ N ₄ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	428.44	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.00%
Loss on Drying	TGA	0.0608%
Assay		99.9%

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: Jun 17, 2026

Date: Jun 17, 2026

Date: Jun 17, 2026



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