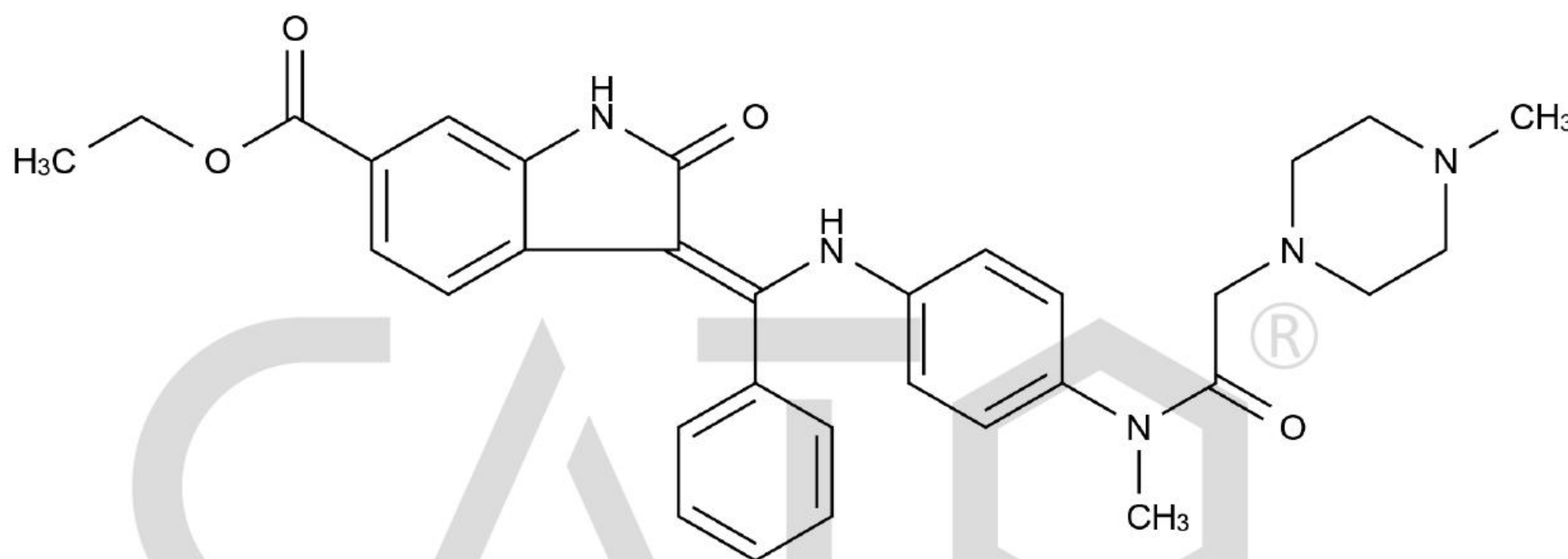


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity N24	Catalogue Number:	CP104297
Synonyms:	N/A	Lot Number:	0728-RG-0041
CAS Number:	1139455-52-9	Expiry Date:	Jul 30, 2029
Molecular Formula:	C32H35N5O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	553.65	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.616%
Loss On Drying	TGA	0.0550%
Assay		99.6%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 31, 2025

Date: Jul 31, 2025

Date: Jul 31, 2025

