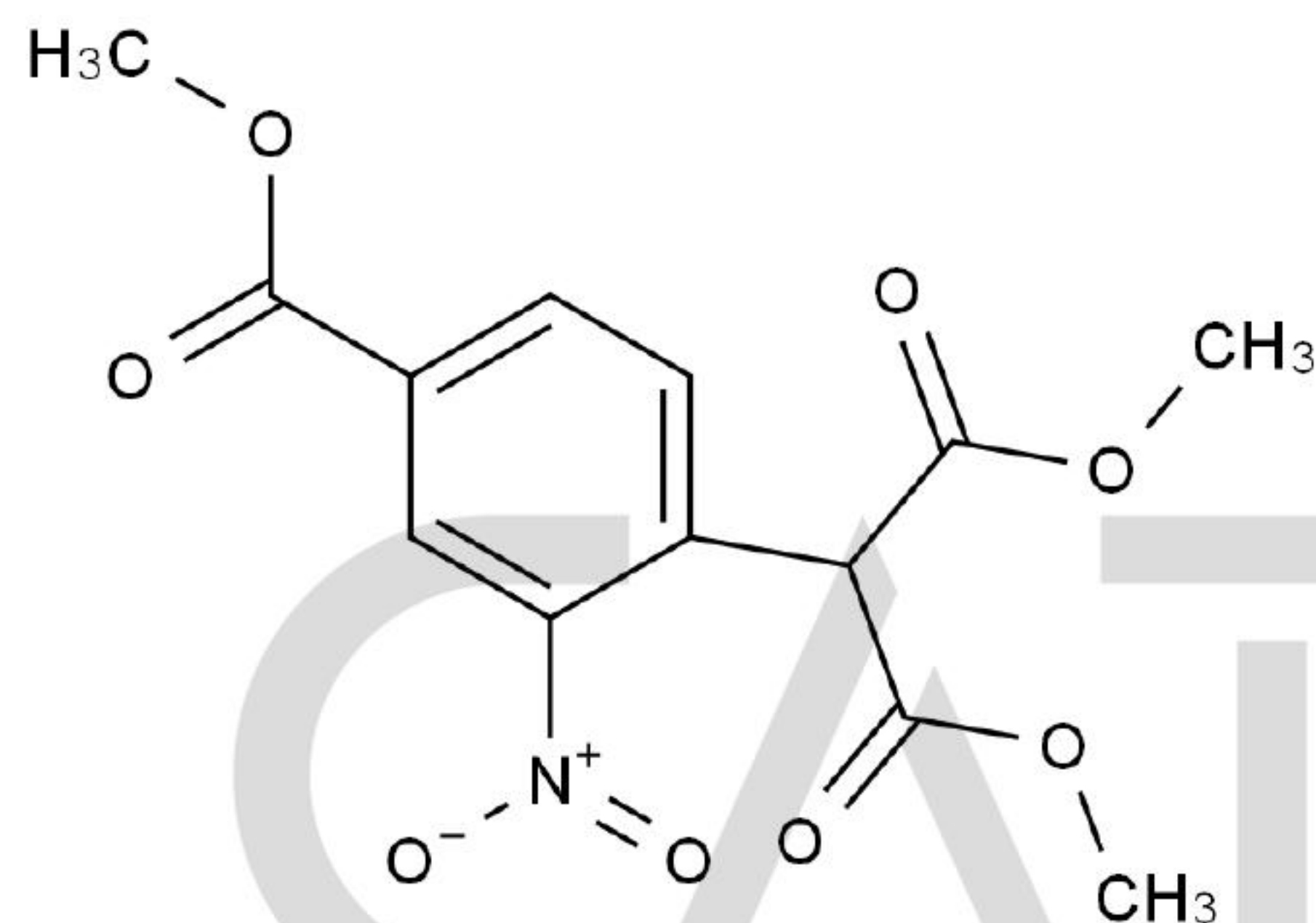


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 36	Catalogue Number:	C4X-181436
Synonyms:	N/A	Lot Number:	0701-RG-0045
CAS Number:	1160293-27-5	Expiry Date:	Jul 01, 2028
Molecular Formula:	C ₁₃ H ₁₃ NO ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	311.24	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.398%
Loss On Drying	TGA	0.6657%
Assay		98.7%

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 02, 2025

Date: Jul 02, 2025

Date: Jul 02, 2025

