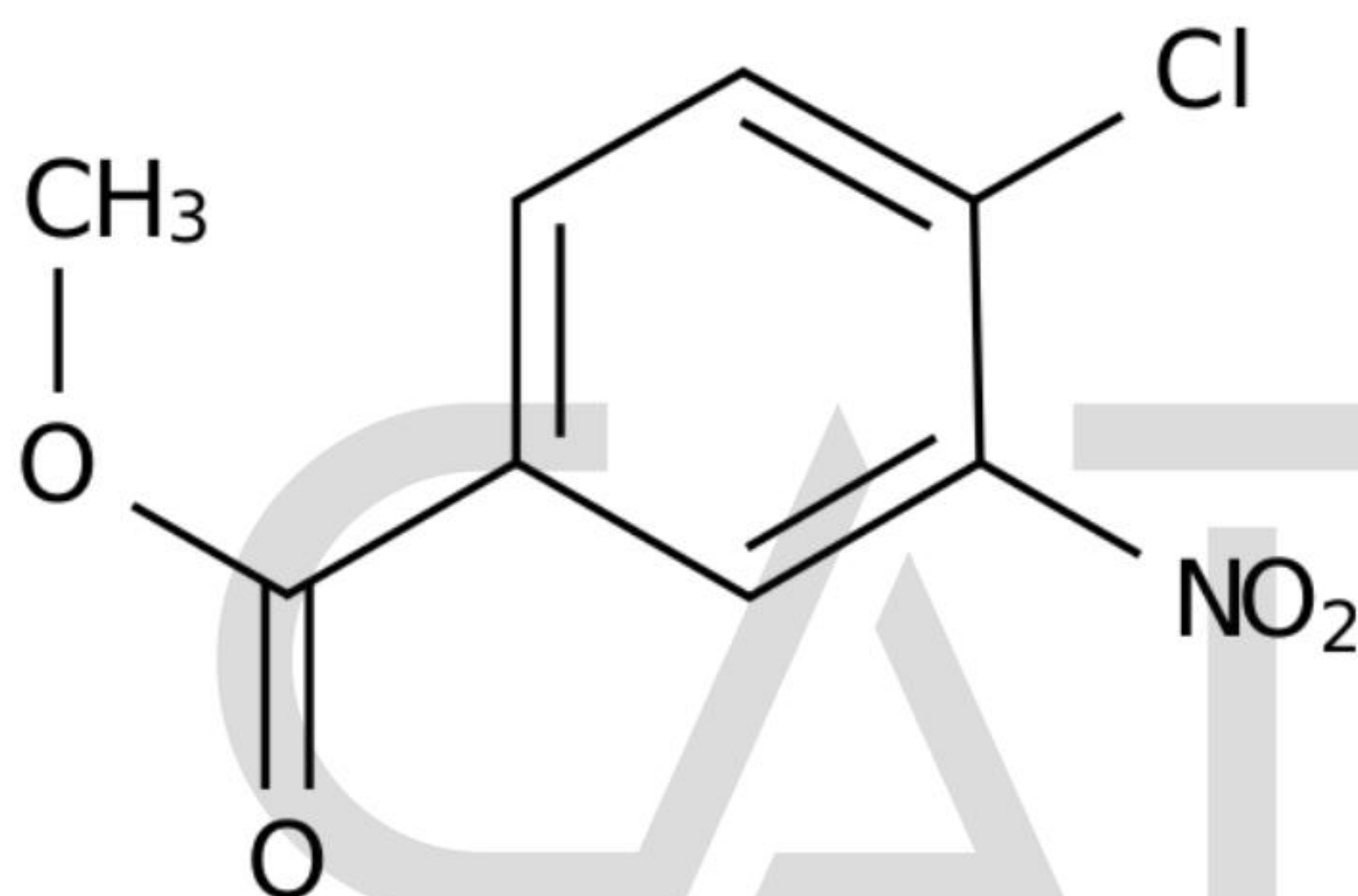


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 37	Catalogue Number:	C4X-181437
Synonyms:	N/A	Lot Number:	0209-RH-0011
CAS Number:	14719-83-6	Expiry Date:	Feb 08, 2030
Molecular Formula:	C ₈ H ₆ ClNO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	215.59	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	98.909%
Loss On Drying	TGA	0.6792%
Assay		98.2%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 09, 2026

Date: Feb 09, 2026

Date: Feb 09, 2026



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