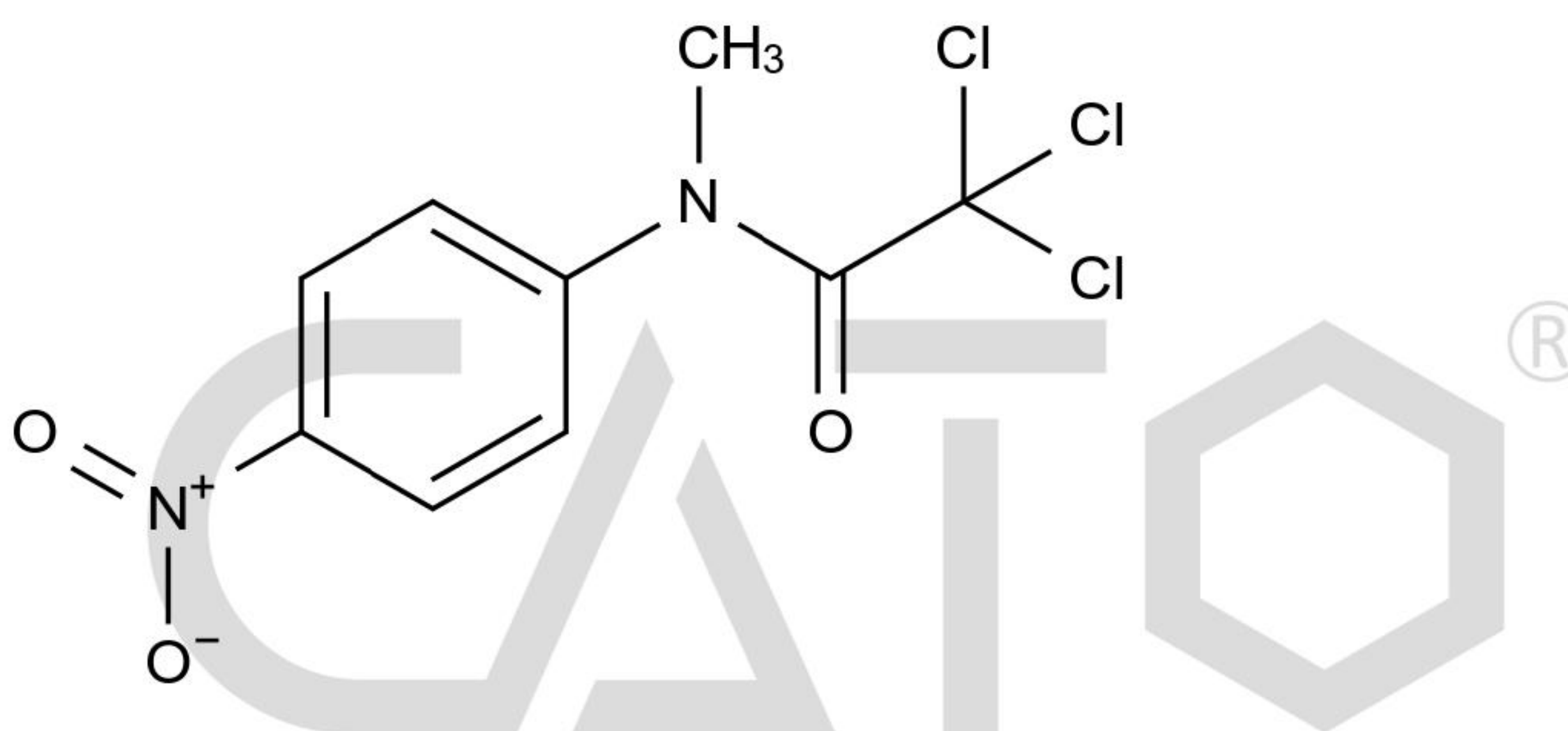


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 166	Catalogue Number:	C4X-1814166
Synonyms:	N/A	Lot Number:	0209-RH-0069
CAS Number:	126434-07-9	Expiry Date:	Feb 23, 2030
Molecular Formula:	C ₉ H ₇ Cl ₃ N ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	297.52	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.768%
Loss On Drying	TGA	0.8208%
Assay		98.9%

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:

Hin Lam

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 24, 2026

Date: Feb 24, 2026

Date: Feb 24, 2026



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