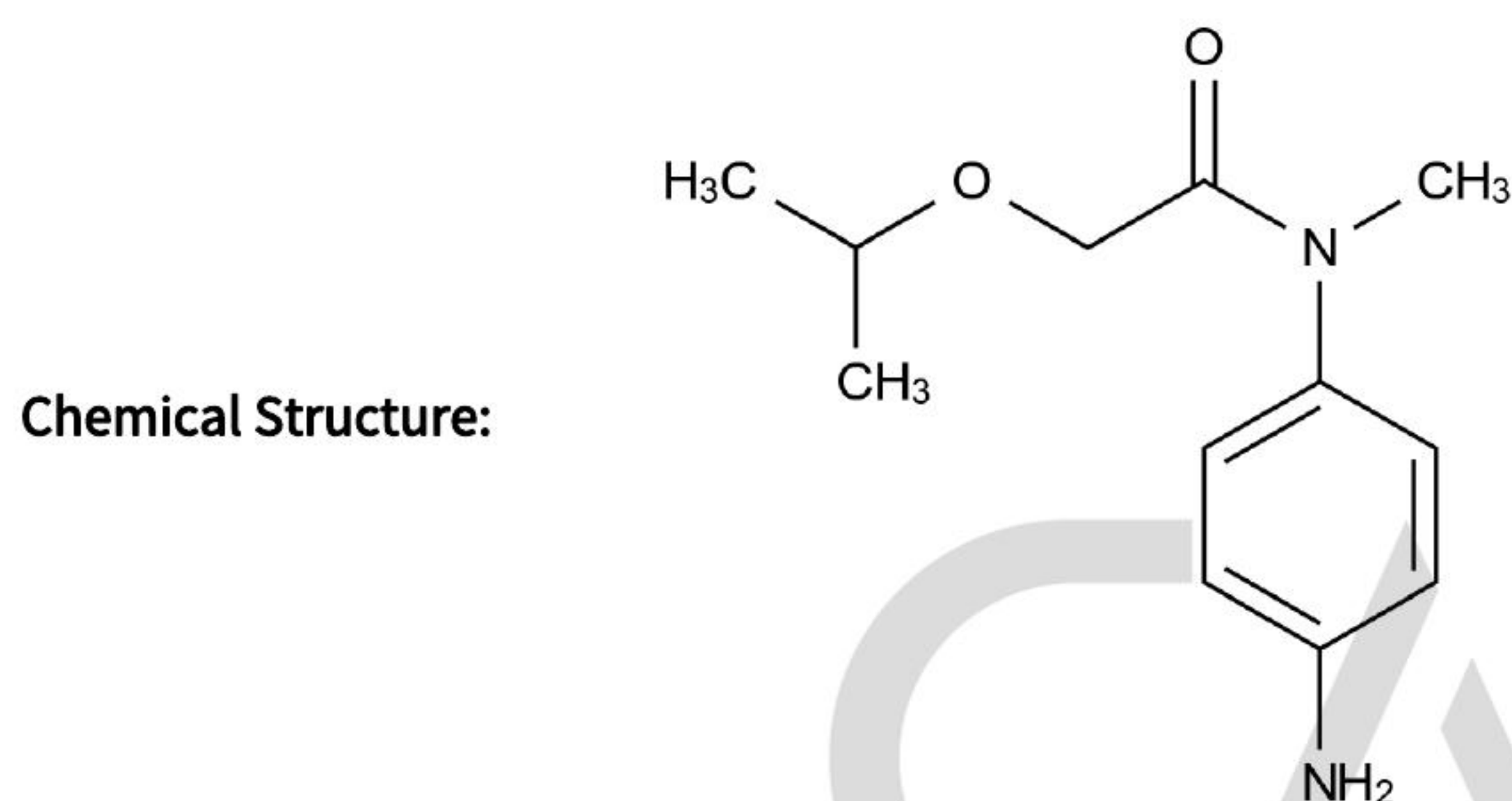


Certificate of Analysis

Reference Material & Standard

Product Name:	Nintedanib Impurity 111	Catalogue Number:	C4X-1814111
Synonyms:	N/A	Lot Number:	0124-RG-0046
CAS Number:	N/A	Expiry Date:	Feb 04, 2028
Molecular Formula:	C ₁₂ H ₁₈ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	222.28		



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.837%
Loss On Drying	TGA	1.0685%
Assay		98.8%

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:

Lily

Approved by General Manager:

David

Date: Feb 05, 2025

Date: Feb 05, 2025

Date: Feb 05, 2025

