

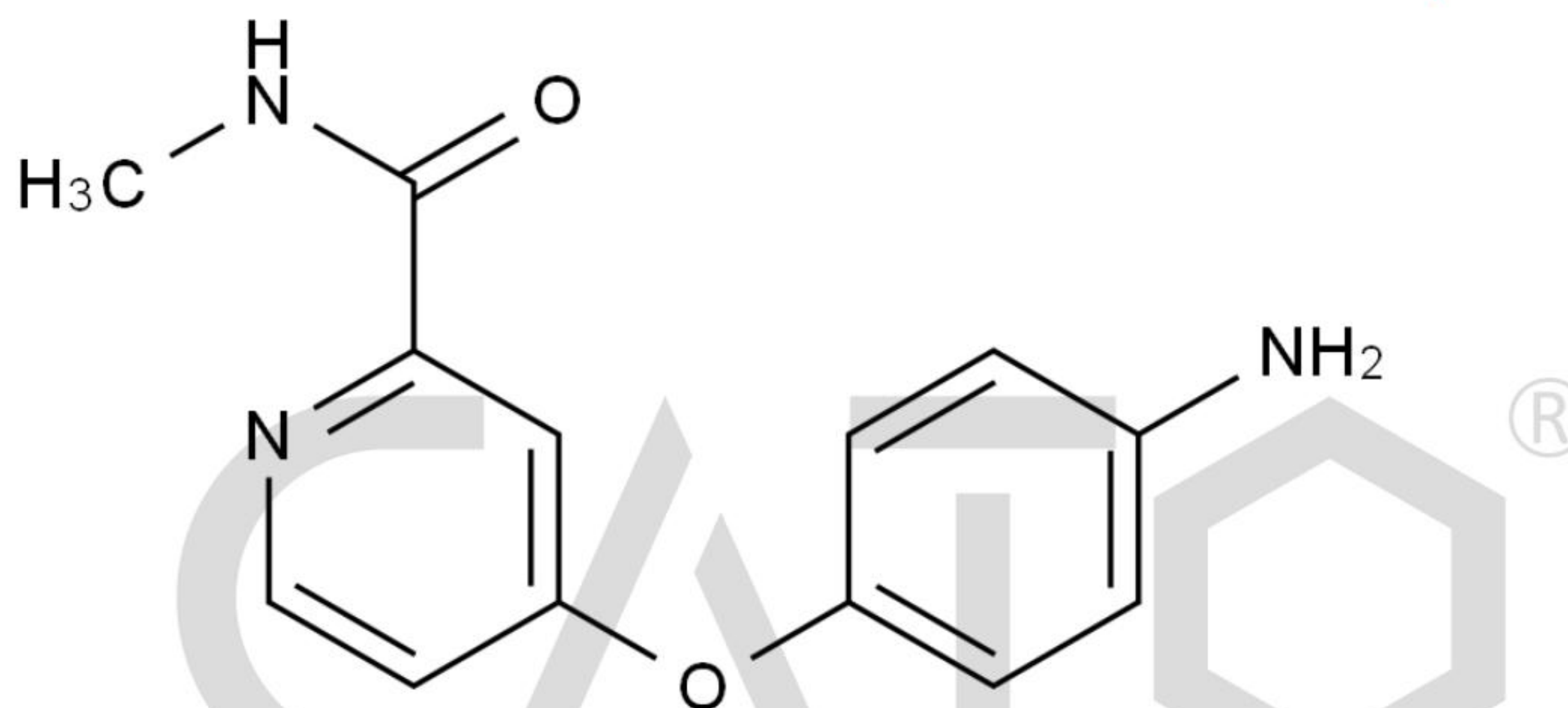
Certificate of Analysis

Reference Material & Standard

Product Name:	Sorafenib impurity A	Catalogue Number:	C4X-11241
Synonyms:	N/A	Lot Number:	1124-RB-0021
CAS Number:	284462-37-9	Expiry Date:	Oct 14, 2027
Molecular Formula:	C ₁₃ H ₁₃ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	243.26	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.720%
Loss On Drying	TGA	0.1822%
Assay		99.5%

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: Oct 15, 2024

Date: Oct 15, 2024

Date: Oct 15, 2024

