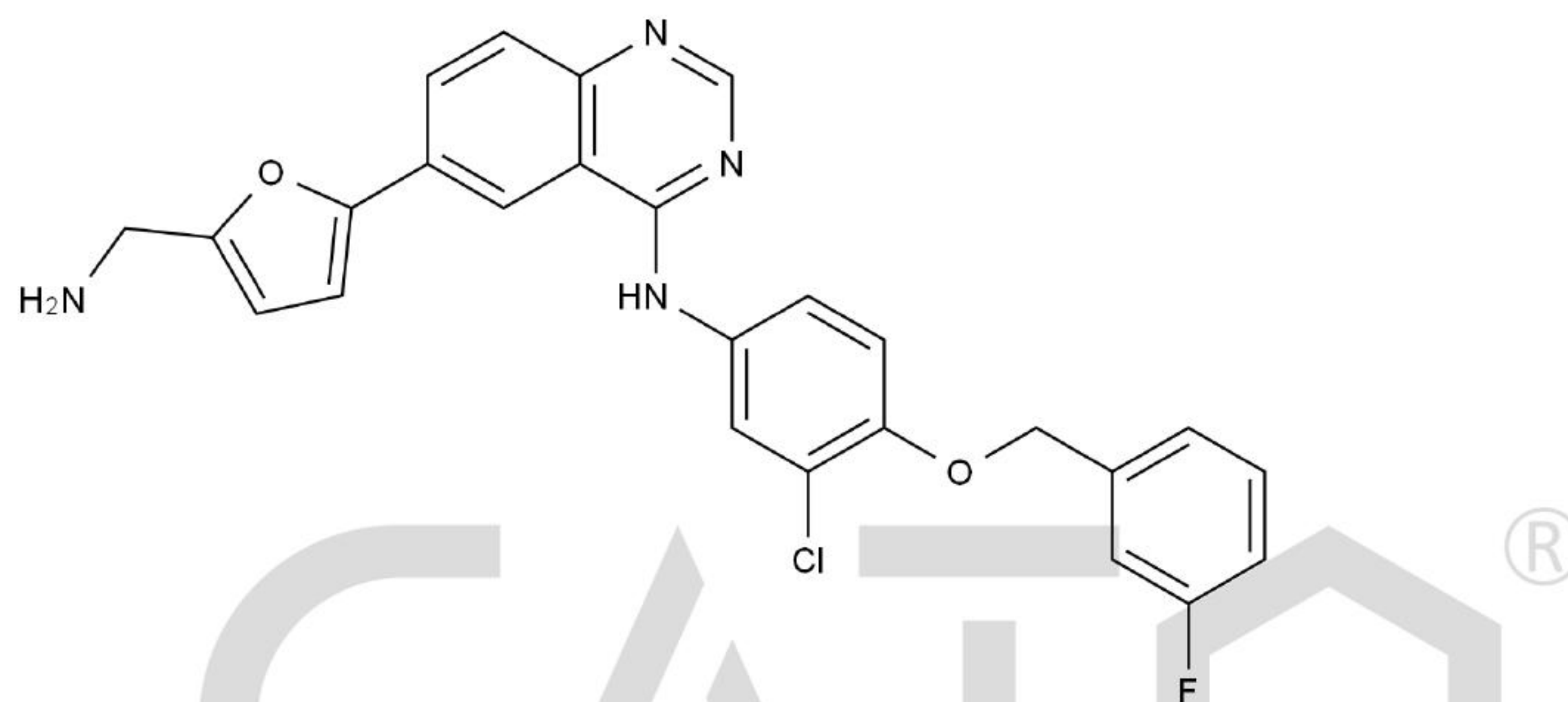


Certificate of Analysis

Reference Material

Product Name:	Lapatinib Impurity 14	Catalogue Number:	C4X-119114
Chemical Name:	N/A	Lot Number:	0403-RE-0038
CAS Number:	697299-82-4	Expiry Date:	Apr 06, 2026
Molecular Formula:	C ₂₆ H ₂₀ ClFN ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	474.91		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale yellow Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.576%
Loss On Drying	TGA	0.2990%
Assay		96.3%

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:

Hin Lam

Reviewed by:

Nacy

Aporoved by General manager:

David

Date: Apr 07, 2023

Date: Apr 10, 2023

Date: Apr 10, 2023

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