

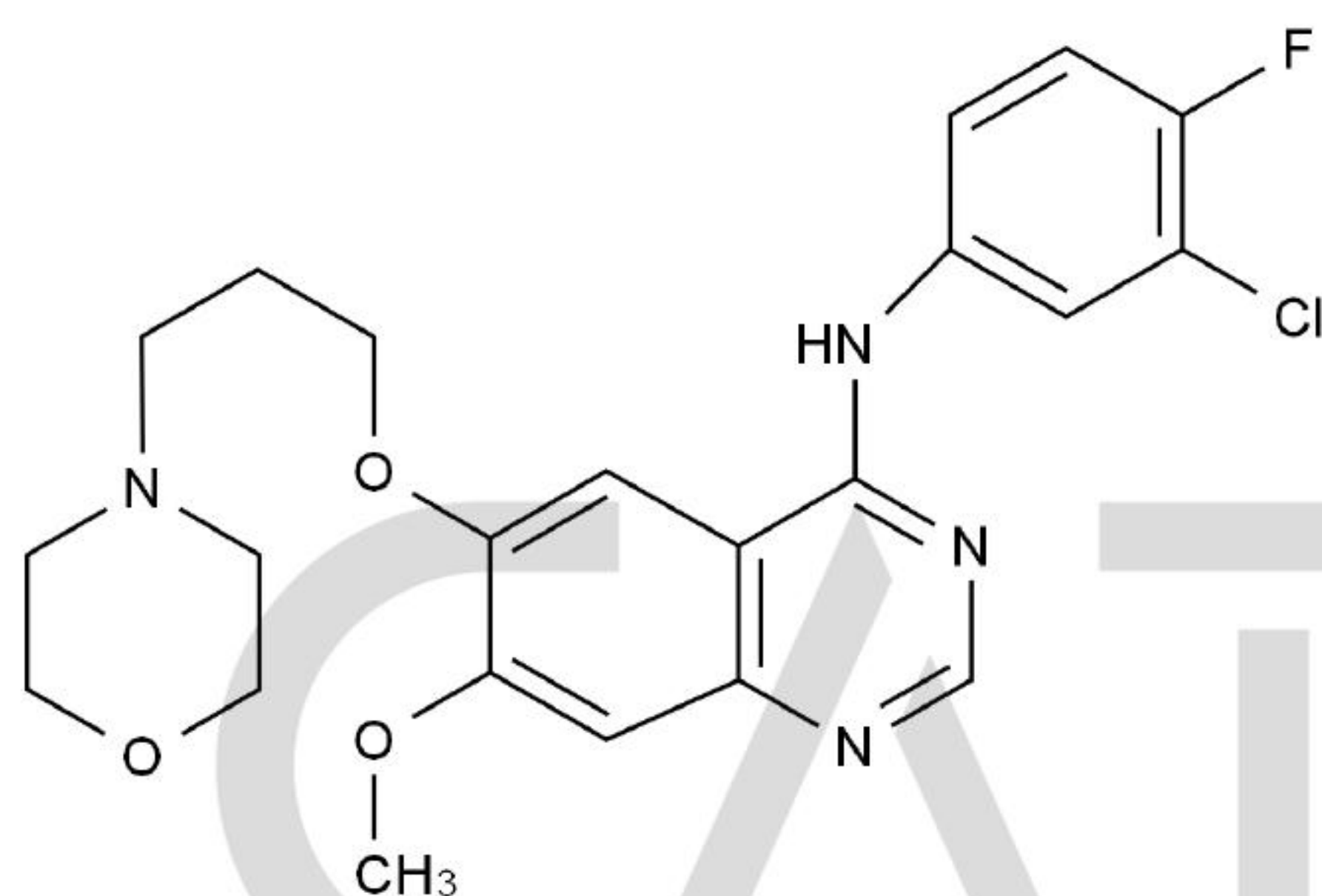
Certificate of Analysis

Reference Material & Standard

Product Name:	Gefitinib	Catalogue Number:	C4X-1117
Synonyms:	N/A	Lot Number:	0627-RF-0074
CAS Number:	184475-35-2	Expiry Date:	Jun 30, 2027
Molecular Formula:	C ₂₂ H ₂₄ ClFN ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	446.90	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.178%
Residue on Ignition	TGA	2.2044%
Loss On Drying	TGA	0.0251%
Assay		97.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jul 01, 2024

Date: Jul 02, 2024

Date: Jul 02, 2024

