

Certificate of Analysis

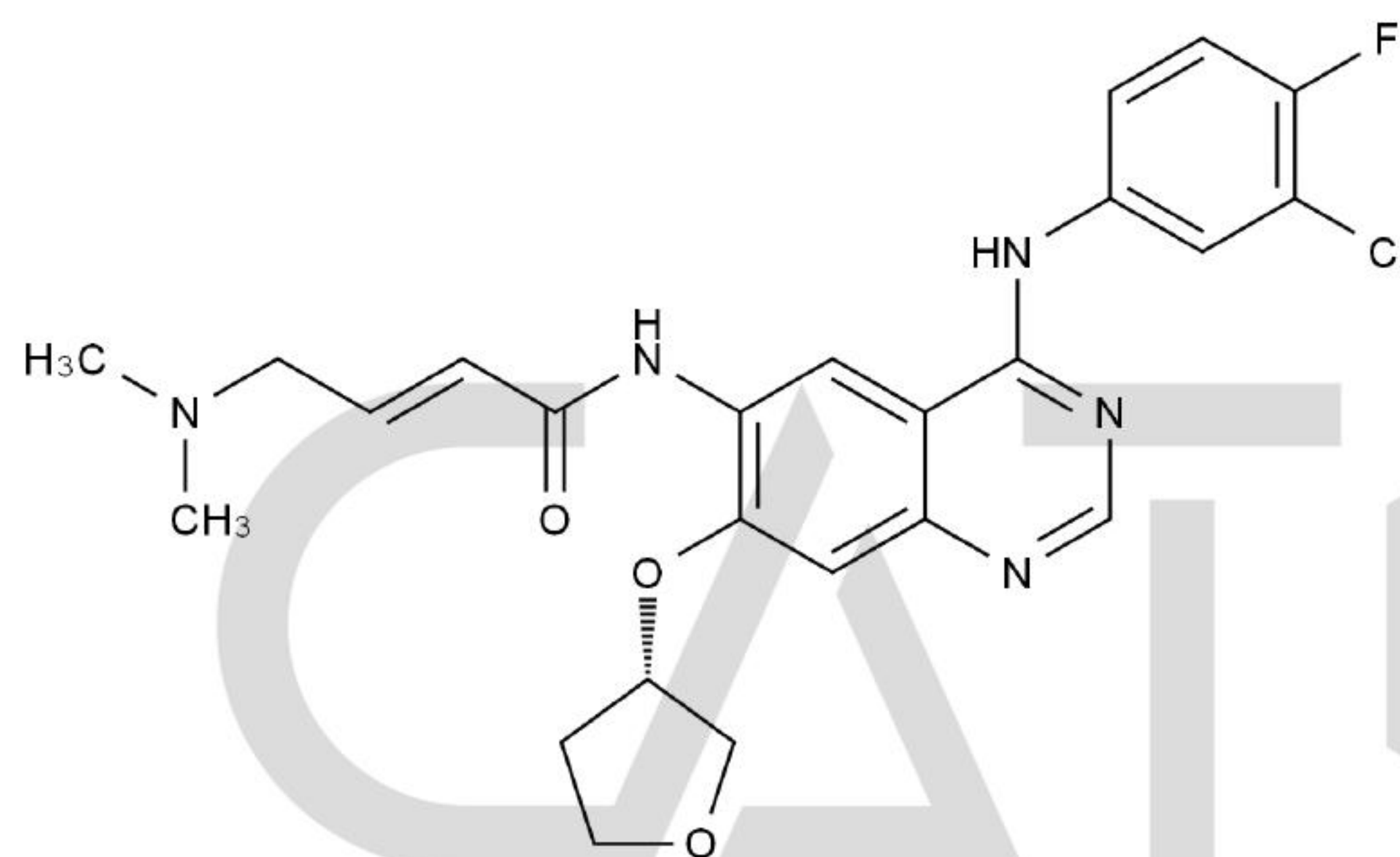
Reference Material & Standard

Product Name:	Afatinib	Catalogue Number:	C4X-1006
Synonyms:	N/A	Lot Number:	0608-RH-0138
CAS Number:	439081-18-2	Expiry Date:	Jun 08, 2030
Molecular Formula:	C ₂₄ H ₂₅ ClFN ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	485.94	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.4113%
Loss on Drying	TGA	3.3979%
Assay		96.2%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 08, 2026

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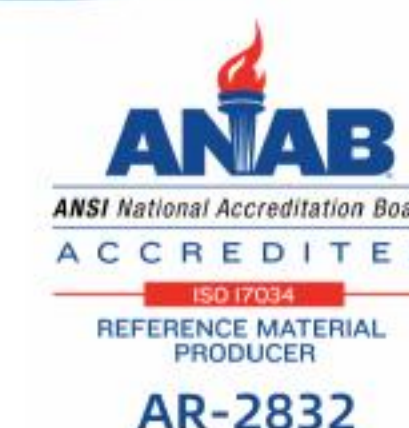
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