CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

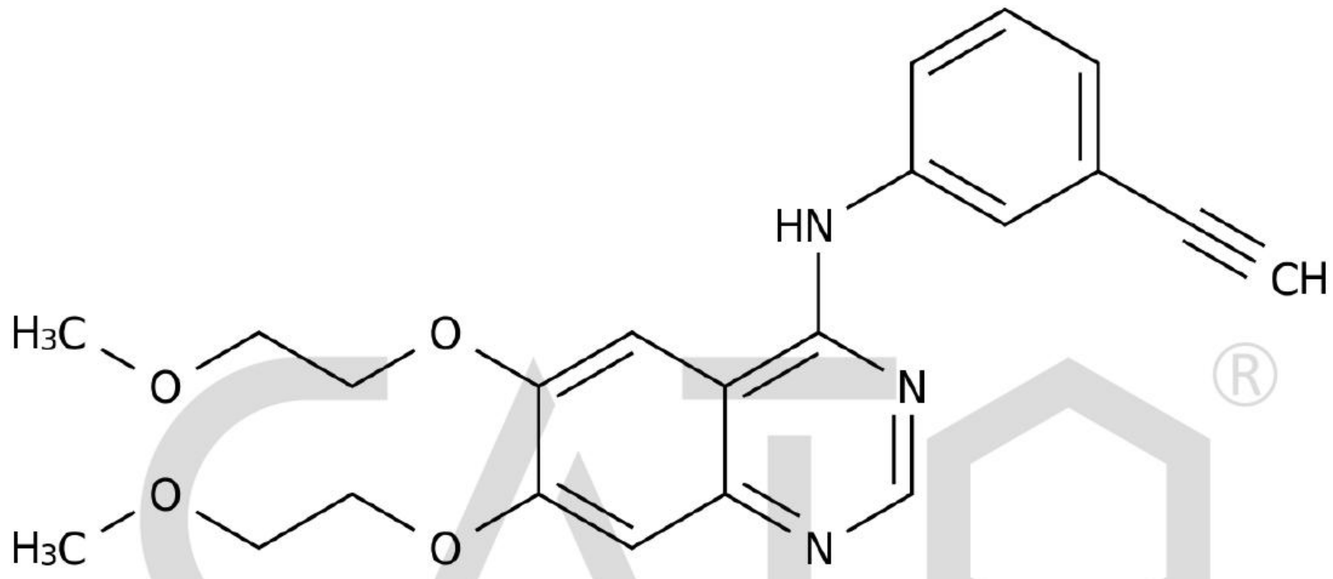
No.: 202502180100

Certificate of Analysis

Reference Material & Standard

Product Name:	Erlotinib	**Catalogue Number:**	C4X-1069123
Synonyms:	N/A	**Lot Number:**	0221-RG-0082
CAS Number:	183321-74-6	**Expiry Date:**	Mar 02, 2028
Molecular Formula:	C22H23N3O4	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	393.44		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.178%
Loss On Drying	TGA	0.3337%
Assay		96.9%

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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: Alice — Date: Mar 03, 2025

Reviewed by: Koi — Date: Mar 03, 2025

Approved by General Manager: David — Date: Mar 03, 2025

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