

# CERTIFICATE OF ANALYSIS

(Certificate No. KME003004-01)

Release Date: 22/08/2023

Re-test Date: 21/08/2026

## Erlotinib Impurity B

### Identification

**Chemical Name :**

4-chloro-6,7-bis(2-methoxyethoxy)quinazoline

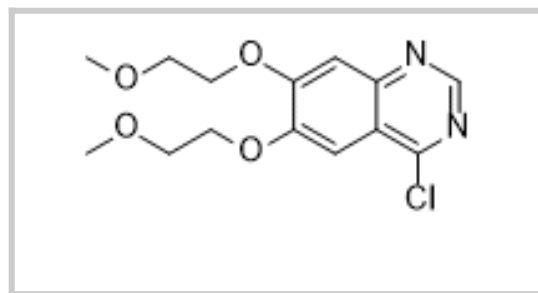
**Alt. Name** : Erlotinib Chloro Impurity

**CAT No.** : KME003004

**CAS No.** : 183322-18-1

**Molecular Formula** : C<sub>14</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>4</sub>

**Molecular Weight** : 312.75



### Analytical Information

**Batch No.** : ERL-IMP-D-045-256

**Description** : Light Yellow Solid

**HPLC Purity** : 97.11 %

**Weight Loss By TGA** : 0.02 %

**% Potency** : 97.09 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

Remarks : COA Re-generated on 15.03.2023

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/03/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA