

# CERTIFICATE OF ANALYSIS

(Certificate No. KME003001-01)

Release Date: 14/03/2024

Re-test Date: 13/03/2027

## Erlotinib Related Compound A

### Identification

**Chemical Name :**

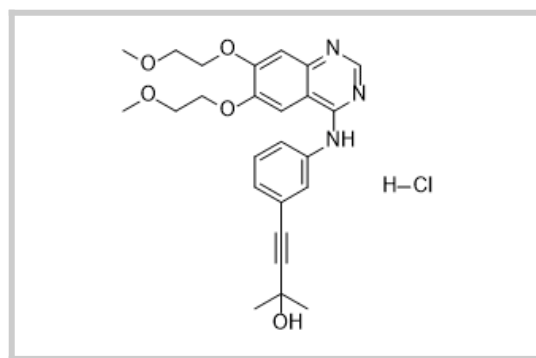
4-(3-{{[6,7-Bis(2-methoxyethoxy)quinazolin-4-yl]amino}phenyl)-2-methyl-3-butyn-2-ol hydrochloride

**CAT No.** : KME003001

**CAS No.** : 299912-60-0 (free base) ,  
299912-59-7 (HCl salt)

**Molecular Formula** : C<sub>25</sub>H<sub>29</sub>N<sub>3</sub>O<sub>5</sub> : HCl

**Molecular Weight** : 451.51 : 36.5



### Analytical Information

**Batch No.** : ERL-RCA-073-125

**Description** : Off white solid

**HPLC Purity** : 99.92 %

**Weight Loss By TGA** : 0.25 %

**% Potency** : 99.67 %

**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

**% Potency** = [100 - 0.25(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 99.67 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		14/03/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		14/03/2024

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