

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 :

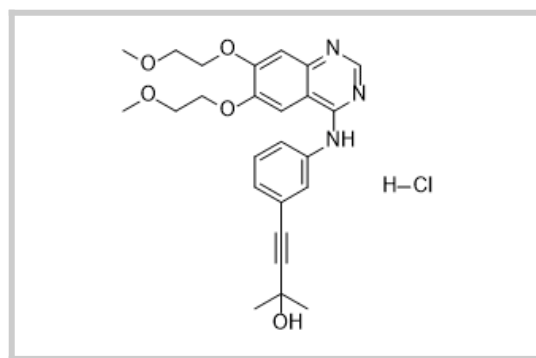
4-(3-{{[6,7-Bis(2-methoxyethoxy)quinazolin-4-yl]amino}phenyl)-2-methyl-3-butyn-2-ol hydrochloride

CAT No. : KME003001

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

Molecular Formula : C₂₅H₂₉N₃O₅ : 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

¹H 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
Prepared By	Analytical	Jignesh Patel		14/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/03/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA