

CERTIFICATE OF ANALYSIS

(Certificate No. KME007012-01)

Release Date: 26/04/2024

Re-test Date: 25/04/2027

Etravirine Chloro Impurity

Identification

Chemical Name :

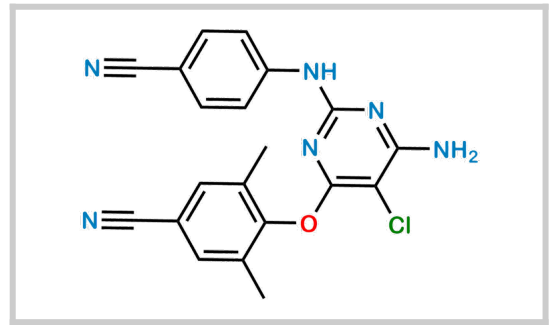
4-((6-Amino-5-chloro-2-((4-cyanophenyl)amino)pyrimidin-4-yl)oxy)-3,5-dimethylbenzonitrile

CAT No. : KME007012

CAS No. : 269055-19-8

Molecular Formula : C₂₀H₁₅ClN₆O

Molecular Weight : 390.8



Analytical Information

Batch No. : ETR-IMP-4-019-151

Description : Off white solid

HPLC Purity : 97.27

Weight Loss By TGA : 2.40 %

% Potency : 94.94 %

Solubility : Methanol

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 = $[100 - 2.40(\text{Weight Loss By TGA})] \times [97.27(\text{HPLC Purity})]/100 = 94.94 \%$

-Re-tested on 26.04.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/03/2025
Reviewed & Approved By	Quality Control	Ravi Patel		01/03/2025

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