

CERTIFICATE OF ANALYSIS

(Certificate No. KME007016-01)

Release Date: 12/03/2024

Re-test Date: 11/03/2027

Etravirine Desamino Impurity

Identification

Chemical Name :

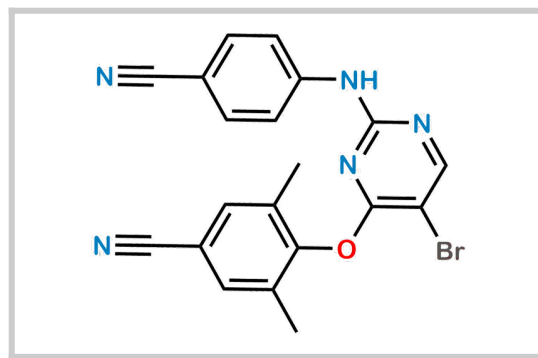
4-((5-Bromo-2-((4-cyanophenyl)amino)pyrimidin-4-yl)oxy)-3,5-dimethylbenzonitrile

CAT No. : KME007016

CAS No. : 269055-04-1

Molecular Formula : C₂₀H₁₄BrN₅O

Molecular Weight : 420.3



Analytical Information

Batch No. : ETR-IMP-5-019-150

Description : Off White Solid

HPLC Purity : 95.42 %

Weight Loss By TGA : 0.14 %

% Potency : 95.29 %

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 - 0.14(Weight Loss By TGA)] x [95.42(HPLC Purity)]/100 = 95.29 %

-COA regenerated on 31.01.2025.

-Re-tested on 12.03.2024.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/03/2025
Reviewed & Approved By	Quality Control	Ravi Patel		04/03/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA