

CERTIFICATE OF ANALYSIS

(Certificate No. KME007002-01)

Release Date: 11/03/2024

Re-test Date: 10/03/2027

Amino CPP Dimethylbenzonitrile Etravirine

Identification

Chemical Name :

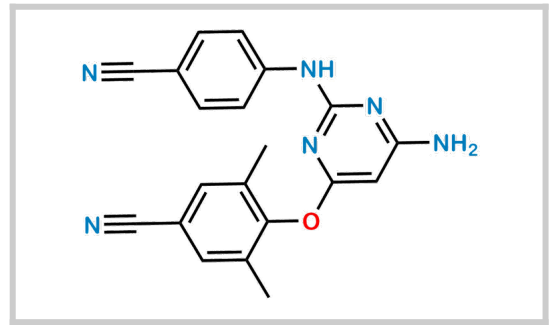
4-[[6-Amino-2-[(4-cyanophenyl)amino]-4-pyrimidinyl]oxy]-3,5-dimethylbenzonitrile

CAT No. : KME007002

CAS No. : 939431-68-2

Molecular Formula : C₂₀H₁₆N₆O

Molecular Weight : 356.4



Analytical Information

Batch No. : ETR-IMP-1-019-147

Description : White Solid

HPLC Purity : 91.02 %

Weight Loss By TGA : 0.16 %

% Potency : 90.87 %

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 = $[100 - 0.16(\text{Weight Loss By TGA})] \times [91.02(\text{HPLC Purity})]/100 = 90.87 \%$

-COA Re-generated on 31.05.2025.

-Re-tested on 11.03.2024.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		31/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/01/2025

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