CERTIFICATE OF ANALYSIS

(Certificate No. KME007009-01)

Release Date: 02/01/2025 **Re-test Date:** 01/01/2028

ETRAVIRINE BROMO DIMER IMPURITY

Identification

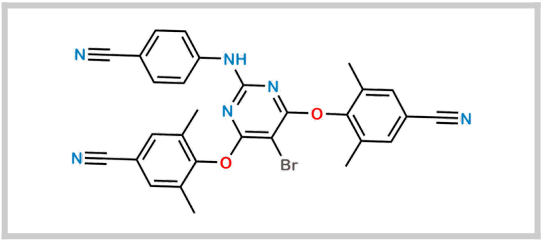
Chemical Name :
4,4'-((5-Bromo-2-((4-cyanophenyl)amino)pyrimidine-4,6-diyl)bis(oxy))bis(3,5-dimethylbenzonitrile)

CAT No. : KME007009

CAS No. : 1704730-70-0

Molecular Formula : C29H21BrN6O2

Molecular Weight : 565.4



Analytical Information

Batch No. : E007009-091-120

Description : Off White Solid

HPLC Purity : 95.78 %

Weight Loss By TGA : 0.27 %

% Potency : 95.52 %

Solubility : ACN : Methanol (1:1)

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 - 0.27(Weight Loss By TGA)] x [95.78(HPLC Purity)]/100 = 95.52 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/01/2025

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