

# CERTIFICATE OF ANALYSIS

(Certificate No. KME007007-01)

Release Date: 11/03/2024

Re-test Date: 10/03/2027

## Etravirine 3-Amino Bromo Impurity

### Identification

**Chemical Name :**

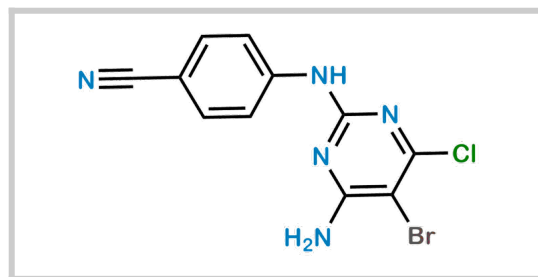
4-((4-Amino-5-bromo-6-chloropyrimidin-2-yl)amino)benzonitrile

CAT No. : KME007007

CAS No. : 1398507-09-9

Molecular Formula : C<sub>11</sub>H<sub>7</sub>BrClN<sub>5</sub>

Molecular Weight : 324.6



### Analytical Information

Batch No. : ETR-IMP-3-019-148

Description : Yellow Solid

HPLC Purity : 92.41

Weight Loss By TGA : 0.24

% Potency : 92.19 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.24(Weight Loss By TGA)] x [92.41(HPLC Purity)]/100 = 92.19 %

-COA Re-generated on 31.01.2025.

-Re-tested on 11.03.2024.

Recommendation : Released

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

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA