

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015009-01)

Release Date: 19/01/2024

Re-test Date: 18/01/2027

N-Nitroso Aripiprazole EP Impurity B

Identification

Chemical Name :

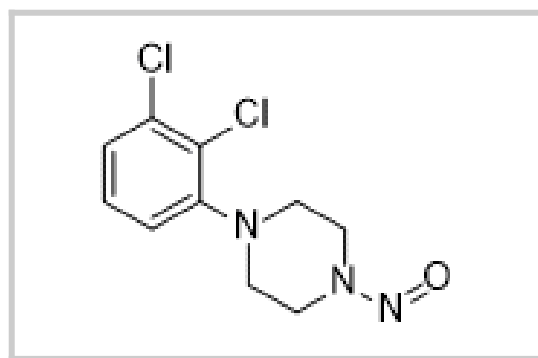
1-(2,3-Dichlorophenyl)-4-nitrosopiperazine

CAT No. : KMA015009

CAS No. : Not Available

Molecular Formula : C₁₀H₁₁Cl₂N₃O

Molecular Weight : 260.12



Analytical Information

Batch No. : ARI-NO-IMP-1-073-026

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.94 %

IR : Confirm

Weight Loss By TGA : 0.15 %

¹H NMR : Confirm

% Potency : 99.79 %

¹³C 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 - 0.15(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.79 %

Remarks : COA Re-generated on 12.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/06/2024

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA