

CERTIFICATE OF ANALYSIS

(Certificate No. KMC003007-01)

Release Date: 30/03/2024

Re-test Date: 29/03/2027

Nitroso Clonidine Related Compound A

Identification

Chemical Name :

N-(1-acetyl-4,5-dihydro-1H-imidazol-2-yl)-N-(2,6-dichlorophenyl)nitrous amide

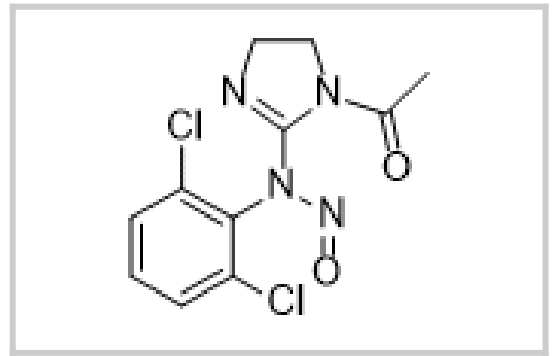
Alt. Name : N-Nitroso Clonidine EP Impurity B

CAT No. : KMC003007

CAS No. : Not Available

Molecular Formula : C₁₁H₁₀Cl₂N₄O₂

Molecular Weight : 301.13



Analytical Information

Batch No. : CLO-RCA-N-NO-073-131

Solubility : ACN

Description : Yellow Solid

Mass : Confirm

HPLC Purity : 98.75 %

IR : Confirm

Weight Loss By TGA : 0.02 %

¹H NMR : Confirm

% Potency : 98.73 %

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 - 0.02(Weight Loss By TGA)] x [98.75(HPLC Purity)]/100 = 98.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/04/2024

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA