

CERTIFICATE OF ANALYSIS

(Certificate No. KMC003025-02)

Release Date: 03/06/2026

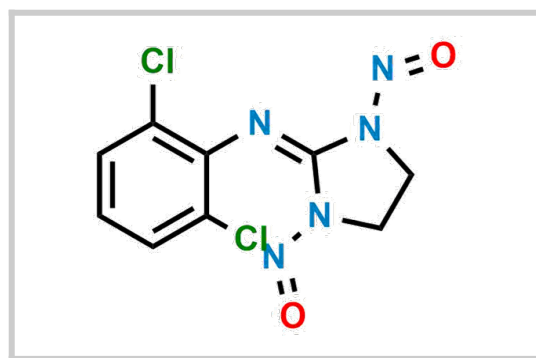
Re-test Date: 02/06/2029

Di-Nitroso-Clonidine

Identification

Chemical Name :
N-(2,6-Dichlorophenyl)-1,3-dinitrosoimidazolidin-2-imine

CAT No. : KMC003025
CAS No. : 148950-50-9
Molecular Formula : C₉H₇Cl₂N₅O₂
Molecular Weight : 288.1



Analytical Information

Batch No.	: C003025-114-367	Solubility	: Acetonitrile
Description	: Yellow Solid	Mass	: Confirm
HPLC Purity	: 91.31 %	IR	: Confirm
Weight Loss By TGA	: 0.35 %	¹H NMR	: Confirm
% Potency	: 90.99 %		

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 - 0.35(Weight Loss By TGA)] x [91.31(HPLC Purity)]/100 = 90.99 %
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		03/06/2026

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