CERTIFICATE OF ANALYSIS

(Certificate No. KMC003025-03)

Release Date: 05/10/2026 **Re-test Date:** 04/10/2029

Di-Nitroso-Clonidine

Identification

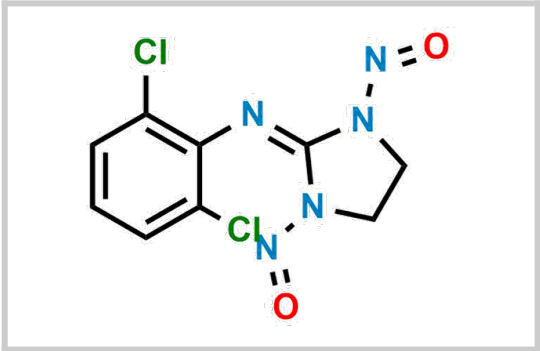
Chemical Name :
N-(2,6-Dichlorophenyl)-1,3-dinitrosoimidazolidin-2-imine

CAT No. : KMC003025

CAS No. : 148950-50-9

Molecular Formula : C9H7Cl2N5O2

Molecular Weight : 288.1



Analytical Information

Batch No.	: C003025-136-249	**Solubility**	: Acetonitrile
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 91.86 %	**IR**	: Confirm
Weight Loss By TGA	: 1.28 %	**1H NMR**	: Confirm
% Potency	: 90.68 %		

Additional Information

Long Term Storage : Store at -20 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at 2-8 deg. C

% Potency = [100 - 1.28(Weight Loss By TGA)] x [91.86(HPLC Purity)]/100 = 90.68 %
-Mass analysis performed in APCI, Obs Mass : +ve (288.23)
-Prepare fresh sample before inject
-Portect from light and moisture

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		05/10/2026

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