

CERTIFICATE OF ANALYSIS

(Certificate No. KMC013027-02)

Release Date: 12/10/2025

Re-test Date: 11/10/2028

N-NITROSO-DESMETHYL-CHLORPROMAZINE

Identification

Chemical Name :

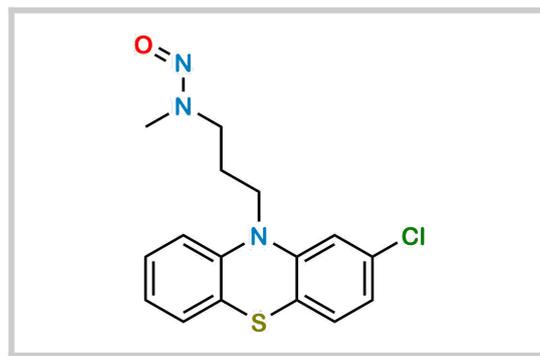
N-(3-(2-Chloro-10H-phenothiazin-10-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KMC013027

CAS No. : 55855-44-2

Molecular Formula : C₁₆H₁₆ClN₃O₃S

Molecular Weight : 333.8



Analytical Information

Batch No. : C013027-102-321

Description : Light Pink Solid

HPLC Purity : 99.69 %

Weight Loss By TGA : 0.26 %

% Potency : 99.43 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.26(Weight Loss By TGA)] x [99.69(HPLC Purity)]/100 = 99.43 %
-Mixture of isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Vekariya		24/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		24/01/2026

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