

CERTIFICATE OF ANALYSIS

(Certificate No. KMC013027-01)

Release Date: 08/11/2023

Re-test Date: 07/11/2026

N-NITROSO DESMETHYL CHLORPROMAZINE

Identification

Chemical Name :

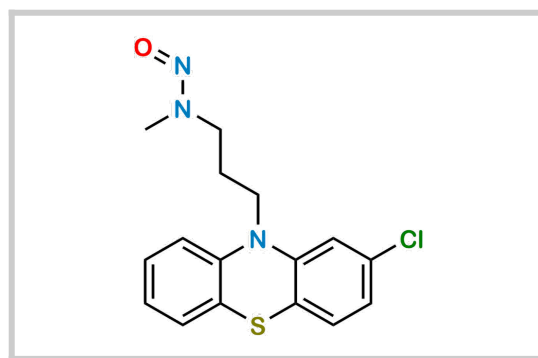
N-(3-(2-Chloro-10H-phenothiazin-10-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KMC013027

CAS No. : 55855-44-2

Molecular Formula : C₁₆H₁₆ClN₃OS

Molecular Weight : 333.8



Analytical Information

Batch No. : CHL-N-NO-045-318

Description : Light Pink Solid

HPLC Purity : 99.66 %

Weight Loss By TGA : 0.89 %

% Potency : 98.77 %

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 - 0.89(Weight Loss By TGA)] x [99.66(HPLC Purity)]/100 = 98.77 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/07/2025

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