

CERTIFICATE OF ANALYSIS

(Certificate No. KMP017033-01)

Release Date: 07/05/2026

Re-test Date: 06/05/2029

Prochlorperazine N-Oxide Impurity 1

Identification

Chemical Name :

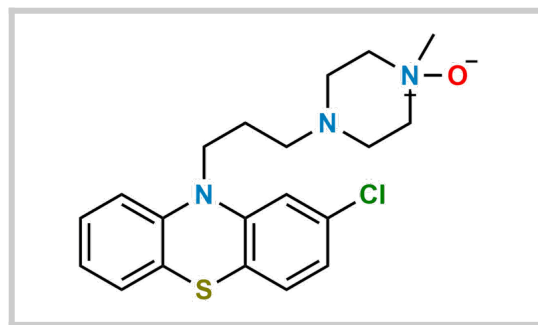
4-(3-(2-chloro-10H-phenothiazin-10-yl)propyl)-1-methylpiperazine 1-oxide

CAT No. : KMP017033

CAS No. : 150111-55-0

Molecular Formula : C₂₀H₂₄ClN₃O₃S

Molecular Weight : 389.9



Analytical Information

Batch No. : P017033-114-304

Description : Brown Semi Solid

HPLC Purity : 99.65 %

Weight Loss By TGA : 0.73 %

% Potency : 98.92 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 0.73(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 98.92 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		07/05/2026

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