CERTIFICATE OF ANALYSIS

(Certificate No. KMP017033-01)

Release Date: 07/05/2026 **Re-test Date:** 06/05/2029

Prochlorperazine N-Oxide Impurity 1

Identification

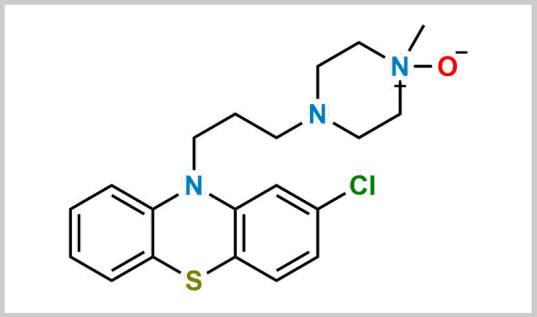
Chemical Name :
4-(3-(2-chloro-10H-phenothiazin-10-yl)propyl)-1-methylpiperazine 1-oxide

CAT No. : KMP017033

CAS No. : 150111-55-0

Molecular Formula : C20H24ClN3OS

Molecular Weight : 389.9



Analytical Information

Batch No.	: P017033-114-304	**Solubility**	: ACN
Description	: Brown Semi Solid	**Mass**	: Confirm
HPLC Purity	: 99.65 %	**IR**	: Confirm
Weight Loss By TGA	: 0.73 %	**1H NMR**	: Confirm
% Potency	: 98.92 %		

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, 1HNMR, IR and TGA