

CERTIFICATE OF ANALYSIS

(Certificate No. KMP017001-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

Prochlorperazine Sulfoxide

Identification

Chemical Name :

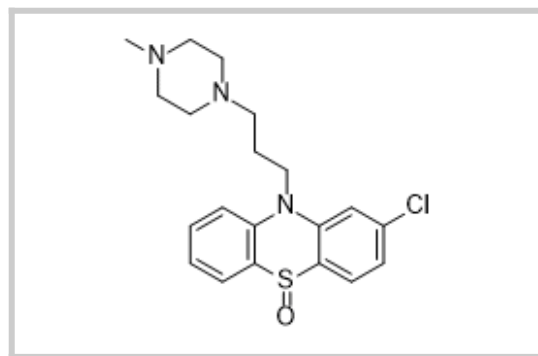
2-chloro-10-(3-(4-methylpiperazin-1-yl)propyl)-10H-phenothiazine 5-oxide

CAT No. : KMP017001

CAS No. : 10078-27-0

Molecular Formula : C₂₀H₂₄ClN₃OS

Molecular Weight : 389.94



Analytical Information

Batch No. : PRO-CH-S-OXIDE-030-111

Description : Off White Solid

HPLC Purity : 99.78 %

Weight Loss By TGA : 0.60 %

% Potency : 99.18 %

Solubility : Acetonitrile

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 - 0.60(Weight Loss By TGA)] x [99.78(HPLC Purity)]/100 = 99.18 %

Remarks : Re-tested on 17.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/03/2025

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