

CERTIFICATE OF ANALYSIS

(Certificate No. KMP017001-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

Prochlorperazine Sulfoxide

Identification

Chemical Name :

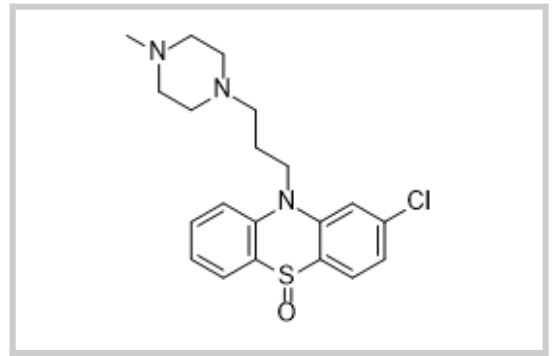
2-chloro-10-(3-(4-methylpiperazin-1-yl)propyl)-10H-phenothiazine 5-oxide

CAT No. : KMP017001

CAS No. : 10078-27-0

Molecular Formula : C₂₀H₂₄ClN₃O₃S

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 : 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 = $[100 - 0.60(\text{Weight Loss By TGA})] \times [99.78(\text{HPLC Purity})]/100 = 99.18 \%$

Remarks : Re-tested on 17.06.2024

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 18/06/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 18/06/2024 |

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