

CERTIFICATE OF ANALYSIS

(Certificate No. KMP017006-01)

Release Date: 31/01/2025

Re-test Date: 30/01/2028

DESMETHYL IMPURITY (PROCHLORPERAZINE MALEATE)

Identification

Chemical Name :

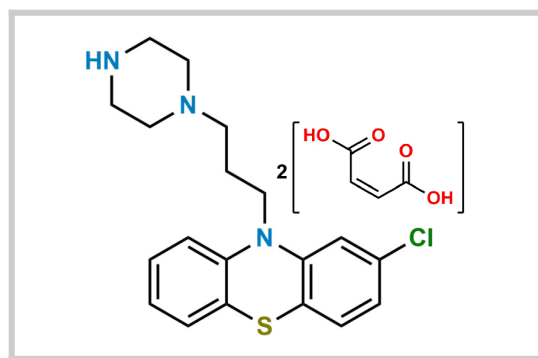
2-Chloro-10-[3-(1-piperazinyl)propyl]-10H-phenothiazine dimaleate

CAT No. : KMP017006

CAS No. : 13500-92-0

Molecular Formula : C₁₉H₂₂ClN₃S · 2(C₄H₄O₄)

Molecular Weight : 359.9 : 2(116.1)



Analytical Information

Batch No. : PRO-DES-METHYL-019-266

Description : White Solid

HPLC Purity : 97.44 %

Weight Loss By TGA : 1.04 %

% Potency : 96.43 %

Solubility : Methanol

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 - 1.04(Weight Loss By TGA)] x [97.44(HPLC Purity)]/100 = 96.43 %

-Re-tested on 31.01.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/02/2025

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