

CERTIFICATE OF ANALYSIS

(Certificate No. KMP070001-01)

Release Date: 08/04/2025

Re-test Date: 07/04/2028

Perazine Impurity

Identification

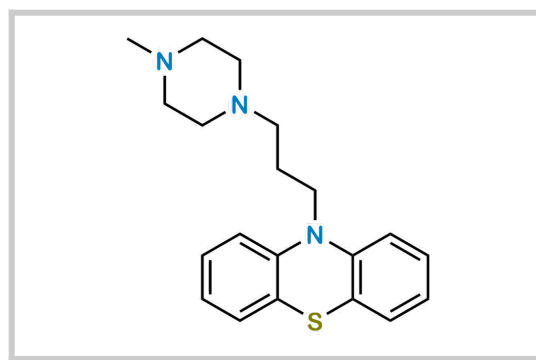
Chemical Name :
10-(3-(4-Methylpiperazin-1-yl)propyl)-10H-phenothiazine

CAT No. : KMP070001

CAS No. : 84-97-9

Molecular Formula : C₂₀H₂₅N₃S

Molecular Weight : 339.5



Analytical Information

Batch No. : P070001-091-301

Description : Brown Thick Syrup

HPLC Purity : 99.66 %

Weight Loss By TGA : 1.59 %

% Potency : 98.08 %

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 = $[100 - 1.59(\text{Weight Loss By TGA})] \times [99.66(\text{HPLC Purity})]/100 = 98.08 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/04/2025

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