

CERTIFICATE OF ANALYSIS

(Certificate No. KMP005017-01)

Release Date: 17/05/2025

Re-test Date: 16/05/2028

PROMETHAZINE SULFOXIDE

Identification

Chemical Name :

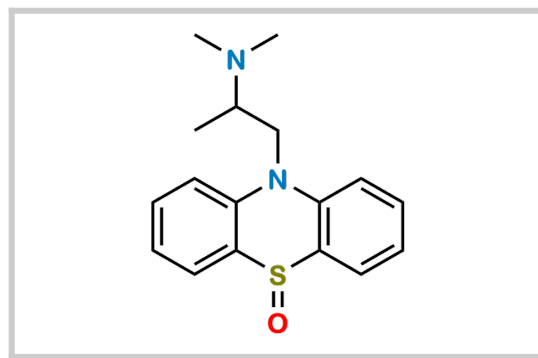
10-[(2RS)-2-(dimethylamino)propyl]-5λ4-phenothiazin-5(10H)-one

CAT No. : KMP005017

CAS No. : 7640-51-9

Molecular Formula : C₁₇H₂₀N₂OS

Molecular Weight : 300.4



Analytical Information

Batch No. : P005017-102-033

Solubility : Methanol

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.48 %

IR : Confirm

Weight Loss By TGA : 0.48 %

¹H NMR : Confirm

% Potency : 99 %

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 - 0.48(Weight Loss By TGA)] x [99.48(HPLC Purity)]/100 = 99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/05/2025

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