



CERTIFICATE OF ANALYSIS

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1. Identification

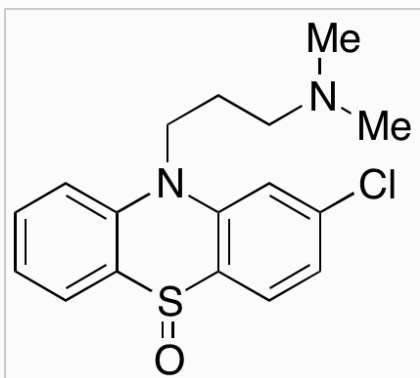
Catalogue Number: C424755

CAS Number: 969-99-3

Product: Chlorpromazine Sulfoxide

Synonym: 2-Chloro-N,N-dimethyl-10H-Phenothiazine-10-propanamine 5-Oxide; 2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine 5-Oxide; NSC 17470; Opromazine; Chlorpromazine EP Impurity A

Structure:



Molecular Formula:

C₁₇H₁₉ClN₂OS

Molecular weight:

334.86

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 1-GSU-40-2

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Brown Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.69% (230 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	12/10/2021	12/8/2028
				