



CERTIFICATE OF ANALYSIS

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1. Identification

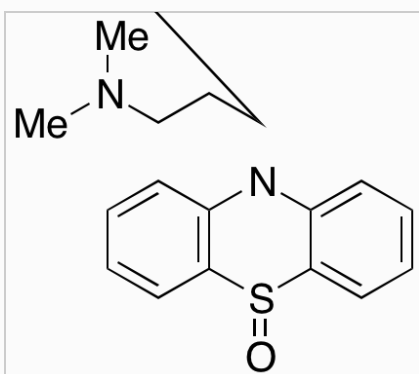
Catalogue Number: P756310

CAS Number: 146-21-4

Product: Promazine Sulfoxide

Synonym: N,N-Dimethyl-10H-phenothiazine-10-propanamine 5-Oxide; 10-[3-(Dimethylamino)propyl]phenothiazine 5-Oxide; Promazine 5-Oxide; Promazine S-Oxide; Propazin Sulfoxide; Propazine Sulfoxide; SKF 5418A; Promazine Impurity A; Promazine EP Impurity A;

Structure:



Molecular Formula:

C₁₇H₂₀N₂OS

Molecular weight:

300.42

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 6-SHT-72-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Yellow Solid	Light Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.71% (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 $\pm 2\%$. 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	10/11/2023	10/9/2027