



CERTIFICATE OF ANALYSIS

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1. Identification

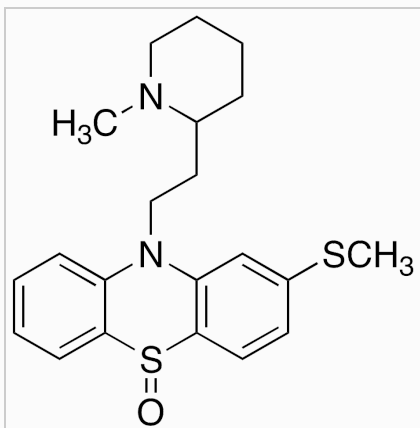
Catalogue Number: T368815

CAS Number: 7776-05-8

Product: Thioridazine 5-Sulfoxide (Mixture of Diastereomers)

Synonym: 10-[2-(1-Methyl-2-piperidinyl)ethyl]-2-(methylthio)-10H-phenothiazine 5-Oxide;

Structure:



Molecular Formula:

C₂₁H₂₆N₂OS₂

Molecular weight:

386.57

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 20-AZC-64-2

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Brown Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 65.04, %H: 6.60, %N: 7.18
MS	Conforms to Structure	Conforms

Additional Information: Elemental Analysis: (Theoretical) %C: 65.25, %H: 6.78, %N: 7.25

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
Xhoana Gjergji	Toni Rantanen	My Nguyen	5/12/2020	5/10/2027