



## 1. Identification

Catalogue Number

I822500

Lot Number

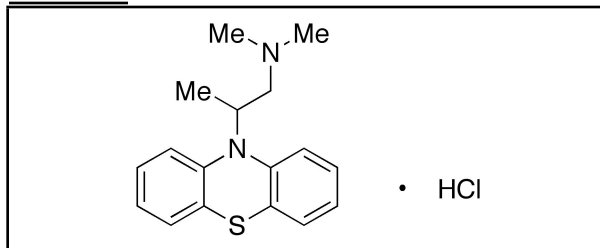
7-LIJ-98-4

Product Name

Iso Promethazine Hydrochloride

Synonyms

N,N,β-Trimethyl-10H-phenothiazine-10-ethanamine Hydrochloride; 10-[2-(Dimethylamino)-1-methylethyl]phenothiazine Monohydrochloride; Promethazine EP Impurity B;

StructureCAS Number

5568-90-1

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>17</sub>H<sub>21</sub>ClN<sub>2</sub>SSource of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

320.88

Purity

&gt;95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.87, %H: 6.48, %N: 8.44

HPLC Purity

&gt;95%

98.11% (255 nm)

MS

Conforms to Structure

Conforms

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

6/18/2024

Retest Date

6/16/2028