

## 1. Identification

### Catalogue Number

I822505

### Lot Number

1-HDS-56-2

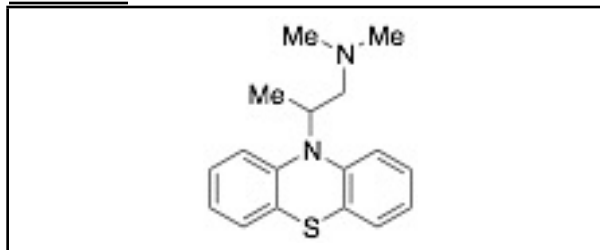
### Product Name

Isopromethazine

### Synonyms

10-(2-Dimethylaminoisopropyl)phenothiazine; Fen-Bridal; Isomethazine; Isophenergan;  
Lilly 01526; N-[2-(Dimethylamino)-1-methylethyl]phenothiazine;

### Structure



### CAS Number

303-14-0

### Solubility

Chloroform (Slightly), Methanol  
(Slightly, Sonicated)

### Shipping Condition

This Product Is Stable To Be Shipped At Room  
Temperature

### Molecular Formula

C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>S

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C

### Molecular Weight

284.42

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

Pale Beige to Very Dark Brown Thick Oil to Solid

### Results

Very Dark Brown Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 70.25, %H: 7.24, %N: 9.59

HPLC Purity

>95%

99.01% (254 nm)

MS

Conforms to Structure

Conforms

### Additional Information

Contains: ~1.9% Dichloromethane

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



Nicole Yip

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Jr. Quality Assurance

### Test Date

9/7/2022

### Retest Date

9/5/2026