

1. Identification

Catalogue Number

P291105

Lot Number

14-MNZ-140-1

Product Name

Perphenazine Sulfoxide

Synonyms

4-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-1-piperazineethanol S-Oxide; 4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazineethanol S-Oxide; Ethaperazine Sulfoxide; Perphenazine EP Impurity A;

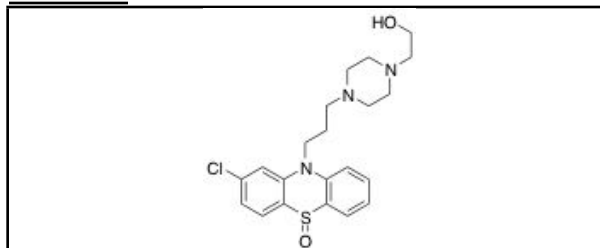
CAS Number

10078-25-8

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₆ClN₃O₂S

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

419.97

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Light Orange Solid

Results

Light Orange Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.69% (240 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

10/16/2023

Retest Date

10/14/2027