

1. Identification

Catalogue Number

P997415

Lot Number

12-WHO-2-2

Product Name

Pyrithiamine

Synonyms

Neopyrithiamine; Pyrithiamin; Pyrithiamin Hydrobromide; Pyrithiamine Bromide Hydrobromide; Pyrithiamine Hydrobromide;

CAS Number

534-64-5

Solubility

Methanol (Slightly), Water (Slightly)

Molecular Formula

C₁₄H₁₉N₄O.HBr.Br

Source of Product

Synthetic

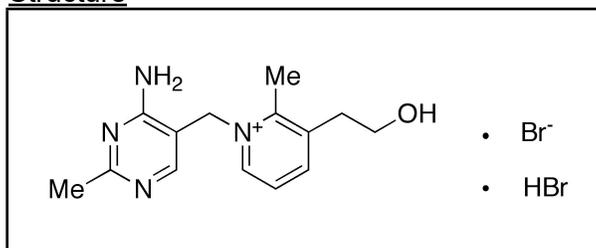
Molecular Weight

420.15

Purity

>95%

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Long Term Storage Conditions

-20°C

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Light Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 36.86, %H: 5.25, %N: 12.32

HPLC Purity

>95%

99.92% (235 nm)

MS

Conforms to Structure

Conforms

Bromide Content

Report Result

36.5%

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 ± 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

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

11/4/2024

Retest Date

11/2/2028