

1. Identification

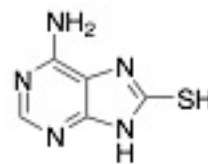
Catalogue Number

TRC-M225150

Lot Number

4-DAR-137-1

Structure



Product Name

Meradine

Synonyms

6-Aminopurine-8(9H)-thione; 6-Aminopurine-8-thiol; 8-Mercaptoadenine; 8-Mercaptoadine; Meradin;

CAS Number

7390-62-7

Solubility

DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₅H₅N₅S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

167.19

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Brown to Brown Solid

Results

Pale Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 35.35, %H: 2.52, %N: 40.29

HPLC Purity

Report Result

99.73% (300 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

Evan Burns

Reviewed by



C of A Approved by



Test Date

2/10/2022

Retest Date

2/8/2026

Evan Burns

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance