

New _CofAS Print

1. Identification

Catalogue Number

A611850

Lot Number

22-SBL-40-1

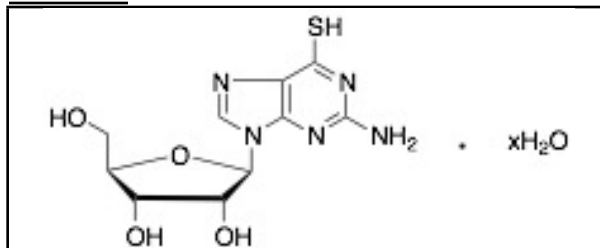
Product Name

2-Amino-6-mercaptapurine-9-D-ribose Hydrate

Synonyms

2-Amino-9-β-D-ribofuranosyl-9H-purine-6-thiol; Thioguanosine; NSC-29422; 2-Amino-9-β-D-ribofuranosylpurine-6-thione; 9-β-D-Ribofuranosylthioguanine;

Structure



CAS Number

345909-25-3

Solubility

Aqueous Base (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₃N₅O₄S•xH₂O

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

299.31 + x(18.02)

Purity

96%

Calibri

C₁₀H₁₃N₅O₄S•
C₁₀H₁₃N₅O₄S

Courier

C₁₀H₁₃N₅O₄S
C□□H□□N□

Arial MT

C₁₀H₁₃N₅O₄
C□□H□□N□

Arial

C□□H□□
C□□H□□

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Green Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 36.39, %H: 4.21, %N : 21.07

HPLC Purity

Report Result

96.70% (345 nm)

MS

Conforms to Structure

Conforms

Water Content

Report Result

5.3% by Karl Fischer

Specific Rotation

Report Result

-67.1° (c = 0.5, 0.1N Sodium Hydroxide)

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



Neha Khanna

Product Quality Specialist

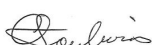
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

4/12/2022

Retest Date

4/10/2026