



CERTIFICATE OF ANALYSIS

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1. Identification

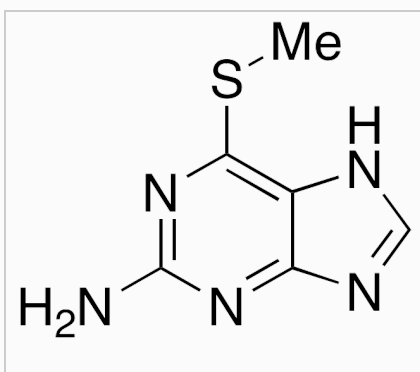
Catalogue Number: M330720

CAS Number: 1198-47-6

Product: 6-Methylthioguanine

Synonym: 6-(Methylthio)-1H-purin-2-amine; 2-Amino-6-methylmercaptapurine; NSC 29420; 2-Amino-6-methylthiopurine; S-Methyl-6-thioguanine; S6-Methyl-6-thioguanine;

Structure:



Molecular Formula:

C₆H₇N₅S

Molecular weight:

181.22

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Sonicated)

Lot Number: 1-PRB-30-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Appearance

NMR

MS

HPLC Purity

Specifications:

White to Off-White Solid

Conforms to Structure

Conforms to Structure

Report Result

Results:

White to Off-White Solid

Conforms

Conforms

99.54% (215 nm)

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

Meenakshi Sharma

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

10/25/2021

Retest Date

10/23/2025