



1. Identification

Catalogue Number

M331355

Lot Number

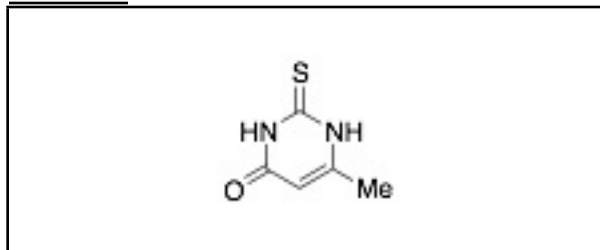
1-SKC-10-1

Product Name

6-Methyl-2-thiouracil

Synonyms

2-Mercapto-4-methyl-6-hydroxypyrimidine; 2-Mercapto-6-methyl-4-pyrimidinol

StructureCAS Number

56-04-2

SolubilityDMSO (Sparingly), Methanol
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_5H_6N_2OS$ Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

142.18

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.88% (280 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

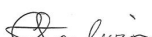
Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

4/25/2024

Retest Date

4/23/2028