

1. Identification

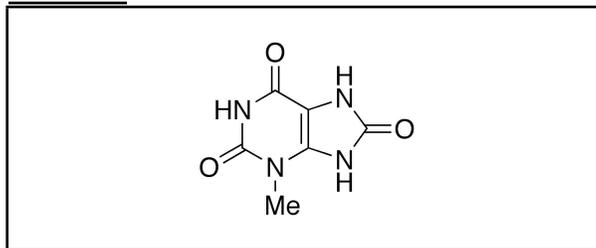
Catalogue Number

M338195

Lot Number

12-PSB-68-1

Structure



Product Name

3-Methyluric Acid

Synonyms

N3-Methyluric Acid; 7,9-Dihydro-3-methyl-1H-purine-2,6,8(3H)-trione;

CAS Number

605-99-2

Solubility

DMSO (Slightly, Heated), Methanol (Slightly, Heated)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₆N₄O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

182.14

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Light Yellow Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.64% (285 nm)

MS

Conforms to Structure

Conforms

Water Content

Report Result

7.9% by Karl Fischer

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

11/24/2021

Retest Date

11/22/2028