

1. Identification

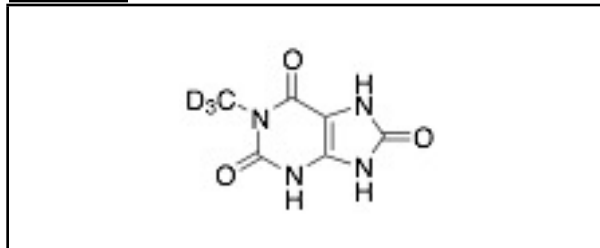
Catalogue Number

M338182

Lot Number

3-RNP-87-1

Structure



Product Name

1-Methyluric Acid-d3

Synonyms

7,9-Dihydro-1-(methyl-d3)-1H-purine-2,6,8(3H)-trione; 1-(Methyl-d3)uric Acid;

CAS Number

1189480-64-5

Solubility

Aqueous Base (Slightly), DMSO (Slightly, Heated), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₃D₃N₄O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

185.16

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Brown Solid

Results

Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

96.03% (285 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 100.00%

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

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

3/21/2022

Retest Date

3/19/2032