



CERTIFICATE OF ANALYSIS

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1. Identification

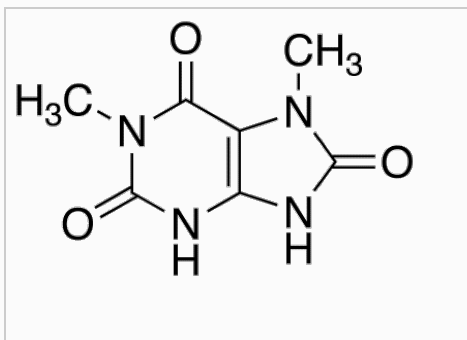
Catalogue Number: D479695

CAS Number: 33868-03-0

Product: 1,7-Dimethyluric Acid

Synonym: 7,9-Dihydro-1,7-dimethyl-1H-purine-2,6,8(3H)-trione;

Structure:



Molecular Formula:

C₇H₈N₄O₃

Molecular weight:

196.16

Source of Product:

Synthetic

Solubility:

DMSO (Slightly)

Lot Number: 6-VHP-138-2

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-------------|---------------------------|-------------------------------|
| Appearance | White to Pale Beige Solid | Off-White to Pale Beige Solid |
| HPLC Purity | Report Result | 99.82% (280 nm) |
| NMR | Conforms to Structure | Conforms |
| 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 ± 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 | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|-----------|-------------|
| Nicole Yip | Toni Rantanen | Chanell Chu | 3/4/2023 | 3/2/2027 |