

## 1. Identification

### Catalogue Number

A616000

### Lot Number

28-IHB-154-2

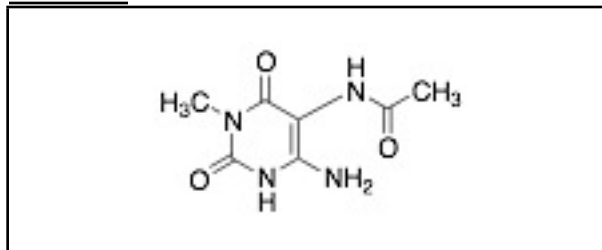
### Product Name

N-(6-Amino-3-methyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)acetamide

### Synonyms

5-Acetylamino-6-amino-3-methyluracil; N-(4-Amino-1,2,3,6-tetrahydro-1-methyl-2,6-dioxo-5-pyrimidinyl)acetamide; 5-acetamido-6-amino-3-methyl-uracil

### Structure



### CAS Number

19893-78-8

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>7</sub>H<sub>10</sub>N<sub>4</sub>O<sub>3</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C, Hygroscopic

### Molecular Weight

198.18

### Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

### Tests

Appearance

### Specifications

Pale Yellow to Yellow Solid

### Results

Light Yellow to Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 40.20, %H: 5.28, %N: 26.78

HPLC Purity

>95%

96.16% (265 nm)

MS

Conforms to Structure

Conforms

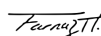
### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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



Farnaz Mahmoudi

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Quality Assurance Associate

### Test Date

12/8/2024

### Retest Date

12/6/2028