



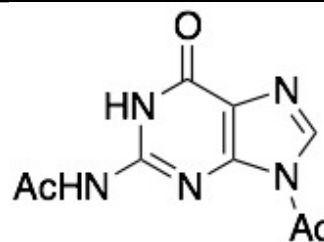
1. Identification

Catalogue Number

D335000

Lot Number

711946892-1-1

StructureProduct Name

N2,9-Diacetylguanine

Synonyms

N-(9-Acetyl-6,9-dihydro-6-oxo-1H-purin-2-yl)acetamide; 2,9-Diacetylguanine; Acyclovir Diacetylguanine Impurity; Aciclovir EP Impurity L

CAS Number

3056-33-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_9H_9N_5O_3$ Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

235.2

Purity

94%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Light Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 45.99, %H: 3.78, %N: 29.75

HPLC Purity

Report Result

94.36% (215 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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

2/6/2024

Retest Date

2/4/2028