

## 1. Identification

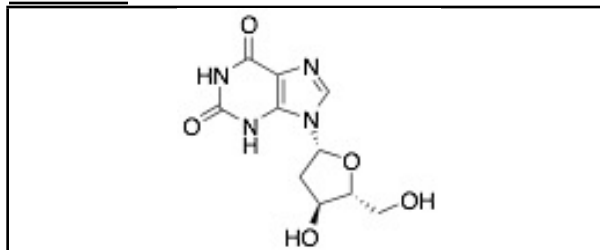
Catalogue Number

D235178

Lot Number

54-GHZ-194-1

Structure



Product Name

2'-Deoxyxanthosine

Synonyms

CAS Number

29049-22-7

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub>

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

268.23

Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Brown Solid

Results

Pale Beige to Pale Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 40.83, %H: 4.87, %N: 18.58

HPLC Purity

>95%

96.02% (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

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

1/22/2024

Retest Date

1/20/2028