

## 1. Identification

Catalogue Number

D450105

Lot Number

11-GUY-64-2

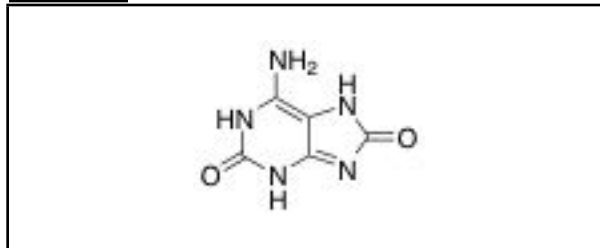
Product Name

2,8-Dihydroxyadenine

Synonyms

6-Amino-7,9-dihydro-2H-purine-2,8(3H)-dione; 6-amino-1H-Purine-2,8(3H,7H)-dione; 6-Amino-purine-2,8-diol; 2,8-Dihydroxyadenine; 2,8-Dioxadenine; 6-Amino-1H-purine-2,8(3H,7H)-dione; 6-Amino-2,8-dihydroxypurine

Structure



CAS Number

30377-37-8

Solubility

Aqueous Base (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>O<sub>2</sub>

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

167.13

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.92% (205 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



Vijaya Annapareddy

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

8/9/2025

Retest Date

8/7/2029