

**1. Identification**Catalogue Number

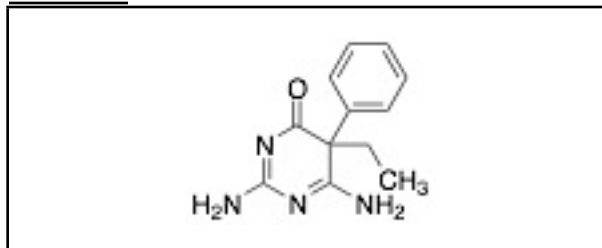
D416435

Lot Number

2-PRN-69-3

Product Name

2,6-Diamino-5-ethyl-5-phenyl-4(5H)-Pyrimidinone

SynonymsStructureCAS Number

69125-70-8

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{12}H_{14}N_4O$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

230.27

Purity

&gt;95%

**2. Warnings**

Not Determined

**3. Analytical Information**Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.28, %H: 6.26, %N: 24.68

HPLC Purity

&gt;95%

99.88% (235 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

Evan Burns

Reviewed by

Toni Rantanen

C of A Approved by

Christina Gouliaras

Test Date

10/18/2022

Retest Date

10/16/2026

Evan Burns  
Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate