

CERTIFICATE OF ANALYSIS

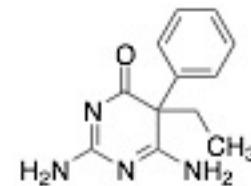
1. Identification

Catalogue Number D416435
Lot Number 2-PRN-69-3

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

Synonyms

Structure



CAS Number

69125-70-8

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₄N₄O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

230.27

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.28, %H: 6.26, %N: 24.68
HPLC Purity	>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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
Evan Burns			10/18/2022	10/16/2026
Evan Burns Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Christina Gouliaras Quality Assurance Associate		