



CERTIFICATE OF ANALYSIS

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1. Identification

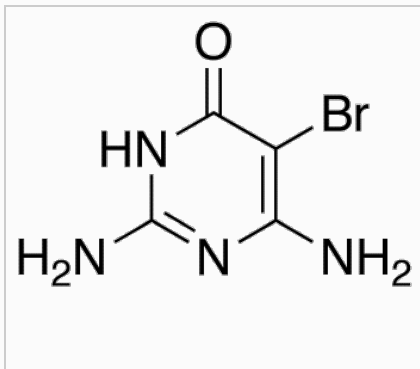
Catalogue Number: B684020

CAS Number: 6312-72-7

Product: 5-Bromo-2,4-diamino-6-hydroxypyrimidine

Synonym: 2,4-Diamino-6-hydroxy-5-bromopyrimidine;
2,6-Diamino-5-bromo-4(3H)-pyrimidinone;
NSC 40393; NSC 67304; NSC 9303;

Structure:



Molecular Formula:

C₄H₅BrN₄O

Molecular weight:

205.01

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol
(Slightly, Heated)

Lot Number: 8-AZC-164-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (215 nm)
Elemental Analysis	Conforms	%C: 22.34, %H: 2.80, %N: 25.95
MS	Conforms to Structure	Conforms
Water Content	Report Result	~4.1% based on Elemental Analysis

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Christina Gouliaras	12/21/2021	12/19/2031