

**Product Name:** 2-Amino-4,6-dihydroxypyrimidine, 98%  
**Catalog Number:** A11813.14

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**CAS Number:** 56-09-7  
**IUPAC Name:** 2-amino-6-hydroxy-3,4-dihydropyrimidin-4-one  
**Molecular Formula:** C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight:** 127.10  
**InChI Key:** AUFJTVGCSJNQIF-UHFFFAOYSA-N  
**SMILES:** NC1=NC(O)=CC(=O)N1  
**Synonym:** 2-amino-6-hydroxy-3H-pyrimidin-4-one

## Product Specification

**Appearance (Color):** White to cream or pale yellow to pale pink  
**Form:** Powder  
**Elemental Analysis:** C: 37.80 ? 1.0%  
**Elemental Analysis:** H: 3.97 ? 0.2%  
**Elemental Analysis:** N: 33.06 ? 0.8%  
**Identification (FTIR):** Conforms

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**Date Of Print:** 01/17/2026

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*