Certificate of Analysis

6-Amino-5-azacytidine

Cat. No.: HY-111643
CAS No.: 105331-00-8
Batch No.: 40877

Chemical Name: 1,3,5-Triazin-2(1H)-one, 4,6-diamino-1-β-D-ribofuranosyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{13}N_5O_5$ Molecular Weight: 259.22

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

$$\begin{array}{c|c} HO & OHO \\ \hline HO & N \\ \hline HO & N \\ \hline H_2N \\ \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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