Certificate of Analysis

5-Fluorocytidine

Cat. No.: HY-W039722 CAS No.: 2341-22-2 Batch No.: 348308

Chemical Name: Cytidine, 5-fluoro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₉H₁₂FN₃O₅ Molecular Weight: 261.21

Storage: 4°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.99% $OR[\alpha](C=1 g/100ml MEOH)$: 54.4°

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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