Certificate of Analysis

5-Hydroxy-2'-deoxyuridine

Cat. No.: HY-130801
CAS No.: 5168-36-5
Batch No.: 268927

Chemical Name: Uridine, 2'-deoxy-5-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:c9H12N2O6} \begin{tabular}{ll} Molecular Formula: & $C_9H_{12}N_2O_6$ \\ Molecular Weight: & 244.20 \\ \end{tabular}$

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.58%

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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