Certificate of Analysis

Alovudine

Cat. No.: HY-B1516
CAS No.: 25526-93-6
Batch No.: 395226

Chemical Name: Thymidine, 3'-deoxy-3'-fluoro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{13}FN_2O_4$ Molecular Weight: 244.22

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.88%

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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