Certificate of Analysis

2',2'-Difluorodeoxyuridine

Cat. No.: HY-138253
CAS No.: 114248-23-6
Batch No.: 322135

Chemical Name: Uridine, 2'-deoxy-2',2'-difluoro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{10}F_2N_2O_5$ Molecular Weight: 264.18

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.87%

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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