Certificate of Analysis

2'-O-Methylcytidine

Cat. No.: HY-W011834 CAS No.: 2140-72-9 Batch No.: 101854

Chemical Name: Cytidine, 2'-O-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{15}N_3O_5$ Molecular Weight: 257.24

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 99.78%

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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