Certificate of Analysis



N4-Benzoyl-2'-O-methylcytidine

Cat. No.: HY-W114787 CAS No.: 52571-45-6 Batch No.: 443763

Chemical Name: N-(1-((2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)-2-oxo-1,2-diable (2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)-2-oxo-1,2-diable (2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)-2-oxo-1,2-diable (2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)-2-oxo-1,2-diable (2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)-2-oxo-1,2-diable (2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxy-6-(hydroxymethyl)-3-(hydroxymethyl)-3-(hydroxymethyl)-3-(hydroxymethyl)-3-(hydroxymethyl)-3-(hydroxymethyl)-

hydropyrimidin-4-yl)benzamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{19}N_3O_6$ **Molecular Weight:** 361.35

-20°C Storage: Powder 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.26%

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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