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Certificate of Analysis

2'-Deoxyguanosine 5'-monophosphate-13C₁₀,15N₅ (disodium)

315151

Cat. No.: HY-W013159S

Chemical Name: 2'-Deoxyguanosine 5'-monophosphate-13C10,15N5, disodium

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: ${}^{13}\text{C}_{10}\text{H}_{12}{}^{15}\text{N}_5\text{Na}_2\text{O}_7\text{P}$

Molecular Weight: 406.08

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

Batch No.:

 $\begin{array}{c} O \\ H^{15}N^{-3}G_3C_5^{-15}N \\ H_2^{15}N^{-13}C_5N^{-13}C_5N^{-14} \\ H_2^{15}N^{-13}C_5N^{-13}C_5N^{-13}C_5^{-13$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 98.97%

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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