## **Certificate of Analysis**

## 2',3'-cGAMP

Cat. No.: HY-100564

CAS No.: 1441190-66-4

Batch No.: 262749

**Chemical Name:** 2'-Guanylic acid, adenylyl-(3'→5')-, cyclic nucleotide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{24}N_{10}O_{13}P_2$ 

Molecular Weight: 674.41

**Storage:** -20°C, sealed storage, away from moisture

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.71%

**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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