Certificate of Analysis

c-di-AMP (diammonium)

Cat. No.: HY-12326B **Batch No.:** 117201

Chemical Name: (2R,3R,3aS,7aR,9R,10R,10aS,14aR)-2,9-Bis(6-amino-9H-purin-9-yl)-3,5,10,12-tetrahydroxyoctahy

dro-2H,7H-difuro[3,2-d:3',2'-j][1,3,7,9]tetraoxa[2,8]diphosphacyclododecine 5,12-dioxide, diam

monia salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{30}N_{12}O_{12}P_2$

Molecular Weight: 692.47

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)

Purity (HPLC): 99.36%

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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