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**Certificate of Analysis**

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Product Name: 3',3'-cGAMP  
Cat. No.: GC25014  
Batch No.: 1  
Chemical Name:

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 849214-04-6(freeacid)  
Molecular Formula: C<sub>20</sub>H<sub>24</sub>N<sub>10</sub>O<sub>13</sub> P<sub>2</sub>·xNa<sup>+</sup>  
Molecular Weight: 672.4  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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