

Certificate of Analysis

Product Name	2',3'-cGAMP sodium (2'-3'-cyclic GMP-AMP sodium)
Catalog No.	V72301
Batch No.	V7230101

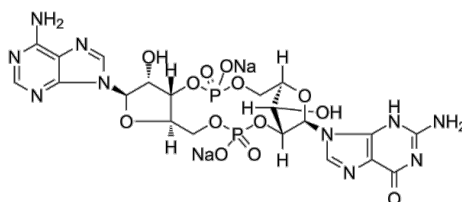
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₀ H ₂₂ N ₁₀ Na ₂ O ₁₃ P ₂
Molecular Weight	718.37
Purity	= 99.66%
CAS No.	2734858-36-5
Production Date	2023-11-16

2. Analytical Data

HPLC	Indicates = 99.66% purity
NMR.	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0-4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for three years

Products are for research use only • Not for human or veterinary use