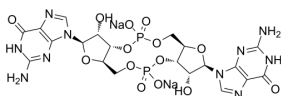


## Cyclic-di-GMP (disodium)

Cat. No.:	HY-110382
CAS No.:	2222132-40-1
Batch No.:	238460
Chemical Name:	3'-Guanylic acid, guanylyl-(3'→5'-), cyclic nucleotide, sodium salt (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>20</sub> H <sub>22</sub> N <sub>10</sub> Na <sub>2</sub> O <sub>14</sub> P <sub>2</sub>
Molecular Weight:	734.37
Storage:	-80°C, protect from light, stored under nitrogen
Chemical Structure:	



### ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.23%
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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