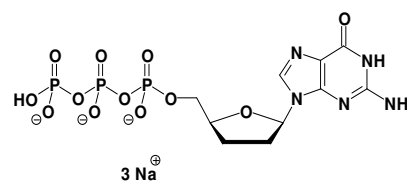


DATA SHEET

2',3'-Dideoxyguanosine 5'-Triphosphate, ddGTP

Product: 2',3'-Dideoxyguanosine 5'-triphosphate, sodium salt
 CAS Number: 93939-69-6
 Structural formula:



Ordering Information

| Cat.-No. | Volume | Amount | Conc. |
|----------|--------|---------|-------|
| NU-1017S | 200 µl | 2 µmol | 10 mM |
| NU-1017L | 1 ml | 10 µmol | 10 mM |

Quality Control Assays

| Functional Assays | Specification |
|--|----------------------|
| Sequencing DNA by the method of Sanger | suitable |
| Detection of DNase, RNase, Protease, Phosphatase | no activity detected |
| Physical Assays | Specification |
| Concentration | 10-11 mM |
| Purity by HPLC | >98% |
| pH | 8.0 ±0.2 |

Physical Constants

| | |
|----------------------|---|
| Formula | C ₁₀ H ₁₃ N ₅ O ₁₂ P ₃ (Anion) |
| Molecular Weight | 488.16 g/mol (Anion) |
| Absorbance | |
| absorbance max: | 252 nm (pH 7) |
| ε at absorbance max: | 14.2 mmol ⁻¹ cm ⁻¹ |