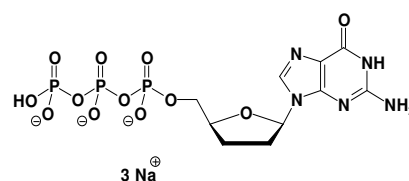


**DATA SHEET**

**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 <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> (Anion)
Molecular Weight	488.16 g/mol (Anion)
Absorbance	
absorbance max:	252 nm (pH 7)
ε at absorbance max:	13.7 mmol <sup>-1</sup> cm <sup>-1</sup>