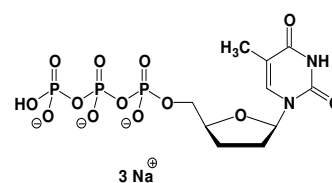


**DATA SHEET**

**2',3'-Dideoxythymidine 5'-Triphosphate, ddTTP**

Product: 2',3'-Dideoxythymidine 5'-triphosphate, sodium salt  
 CAS Number: 93939-78-7  
 Structural formula:



**Ordering Information**

Cat.-No.	Volume	Amount	Conc.
NU-1018S	200 µl	2 µmol	10 mM
NU-1018L	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>14</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub> (Anion)
Molecular Weight	463.14 g/mol (Anion)
Absorbance	
absorbance max:	267 nm (pH 7)
ε at absorbance max:	9.5 mmol <sup>-1</sup> cm <sup>-1</sup>