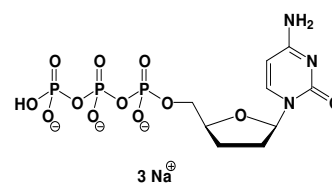


DATA SHEET

2',3'-Dideoxycytidine 5'-Triphosphate, ddCTP

Product: 2',3'-Dideoxycytidine 5'-triphosphate, sodium salt
 CAS Number: 132619-66-0
 Structural formula:



Ordering Information

Cat.-No.	Volume	Amount	Conc.
NU-1016S	200 µl	2 µmol	10 mM
NU-1016L	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 ₉ H ₁₃ N ₃ O ₁₂ P ₃ (Anion)
Molecular Weight	448.13 g/mol (Anion)
Absorbance	
absorbance max:	272 nm (pH 7)
ε at absorbance max:	9.6 mmol ⁻¹ cm ⁻¹