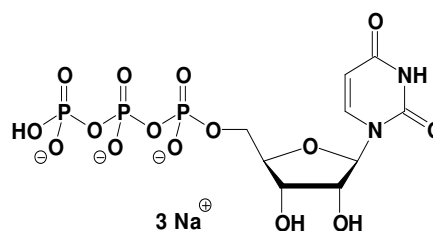


DATA SHEET

Uridine 5'-Triphosphate, UTP

Product: Uridine 5'-Triphosphate, sodium salt
 CAS Number: 19817-92-6
 Structural formula:



Ordering Information

Cat.-No.	Volume	Amount	Conc.
NU-1013	1 ml	100 µmol	100 mM

Quality Control Assays

Functional Assays	Specification
In vitro transcription	suitable
DNase, RNase, Protease, Phosphatase Assay	no activity detected
Physical Assays	Specification
Concentration	100 mM ±2%
Purity by HPLC	>99%
pH	8.0 ±0.2

Physical Constants

Formula	C ₉ H ₁₂ N ₂ O ₁₅ P ₃ (Anion)
Molecular Weight	481.11 g/mol (Anion)
Absorbance	
absorbance max:	262 nm (pH 7)
ε at absorbance max:	9.8 mmol ⁻¹ cm ⁻¹