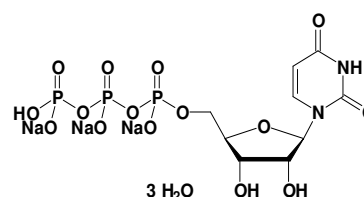


DATA SHEET

Uridine 5'-Triphosphate, UTP

Product: Uridine 5'-Triphosphate, Trisodium Salt
 CAS Number: 19817-92-6
 Structural formula:



Ordering Information

Cat.-No.	Amount
NU-1013-100	100 mg
NU-1013-1G	1 g
NU-1013-10G	10 g
NU-1013-100G	100 g

Physical Constants

Formula	$C_9H_{12}N_2Na_3O_{15}P_3 \times 3H_2O$
Molecular Weight	604.12 g/mol
Absorbance	
absorbance max:	262 nm (pH 7)
ϵ at absorbance max:	$9.8 \text{ mmol}^{-1} \text{ cm}^{-1}$

Quality Control Assays

Physical Assays	Specification
Appearance	white powder
Purity by HPLC	$\geq 90\%$
Functional Assays	Specification
in vitro transcription (T7 RNA polymerase)	visible RNA fragment after 5 min incubation
DNases, RNases, Nicking Activity	not detectable
Proteases	not detectable