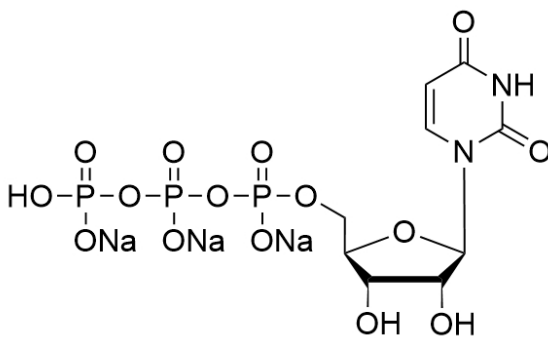


Product Description

UTP (Uridine Triphosphate) consists of uracil, ribose, and triphosphate, serving as a specific nucleotide substrate for RNA synthesis and acting as a carrier for glycosyl donors in carbohydrate metabolism. It is primarily used in fields such as routine mRNA synthesis, glycomics research, and studies on cell signaling and physiological regulation. This product is a water solution prepared from UTP·3Na, free from DNase, RNase, and phosphatase. This product is manufactured in accordance with GMP requirements.

Product Information

Molecular Weight	550.09
CAS	19817-92-6
Molecular Formula	C ₉ H ₁₂ N ₂ Na ₃ O ₁₅ P ₃
Concentration	100 mM±3 mM
Purity	≥99% (by HPLC)
λ _{max}	262 nm±2 nm
Absorbance	A ₂₅₀ /A ₂₆₀ : 0.70-0.76 A ₂₈₀ /A ₂₆₀ : 0.35-0.41
Structural Formula	

Storage

Store at -20±5°C.

Notes

1. Vortex before use. Avoid freeze-thaw cycles.
2. For your safety and health, please wear personal protective equipment, such as lab coats and gloves, when using this product.