

UTP sodium solution (100 mM)

Cat. No. COV-017

Lot. No. (See product label)

Introduction

Description UTP, or Uridine-5'-triphosphate, is an extremely stable nucleotide. This compound and its sodium salt are basic components for energy conversion in biological systems and can be used in a variety of related applications in molecular biology, such as in vitro transcription (IVT), RNA amplification, and siRNA synthesis. UTP can also participate in galactose metabolism, in which the activated form of UDP-galactose is converted to UDP-glucose, which enters the glycogen synthesis pathway.

Product Information

Form	Clear colorless solution
CAS No.	19817-92-6
Molecular Formula	C ₉ H ₁₂ N ₂ O ₁₅ P ₃ Na ₃ ·xH ₂ O
Purity	≥99% (HPLC)

Storage and Shipping Information

Storage at -25 to -15 °C (Avoid repeated freeze-thaw cycles)