



Pseudo-UTP [100mM]

Pseudouridine, discovered in 1951, was the first RNA-modifying nucleoside and is considered the "fifth nucleoside" in RNA. Pseudouridine is widely found in tRNA, mRNA, snRNA, and snoRNA, and has extensive applications in nucleic acid drugs. The Karikó research group at the University of Pennsylvania found that replacing uridine with pseudouridine can significantly reduce the immunogenicity of in vitro transcribed mRNA and improve mRNA stability and expression intensity. This product is a colorless, transparent liquid, primarily used in oligonucleotide, aptamer, epigenetics or DNA damage research, in vitro transcription (IVT), mutation induction, and photocrosslinking studies.

Catalog No.	517052
Size	
Product Category	In Vitro Transcription
Storage/Stability	-20°C / 2 years
Shipping	Gel Packs