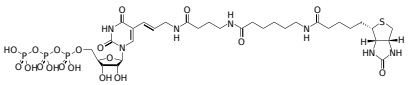
Bio-16-UTP [Biotin-16-UTP] *1 mM*

Catalog Number: 17110, 17111
Unit Size: 25 nmoles, 100 nmoles

Product Details

Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Liquid colorless
Molecular Weight	963.78
Soluble In	Water
Chemical Structure	

Spectral Properties

Excitation Wavelength	N/A
Emission Wavelength	N/A

Applications

Bio-16-UTP is biotinylated UTP that can be used as a substrate in in vitro transcription reactions with a variety of RNA polymerases, including T7 RNA polymerase, SP6 RNA polymerase, or T3 RNA polymerase. Biotinylated RNA probes may be used in place of radioactively labeled RNA probes in many applications, including in situ hybridization and chromosome mapping. Bio-16-UTP can be detected using a variety of methods based on streptavidin binding. Biotin-bound streptavidin can be detected directly, using fluorescently labeled streptavidin, or indirectly, using a streptavidin-conjugated enzyme assay or appropriately labeled or conjugated anti-streptavidin antibody.