

**Biotin-4-UTP**

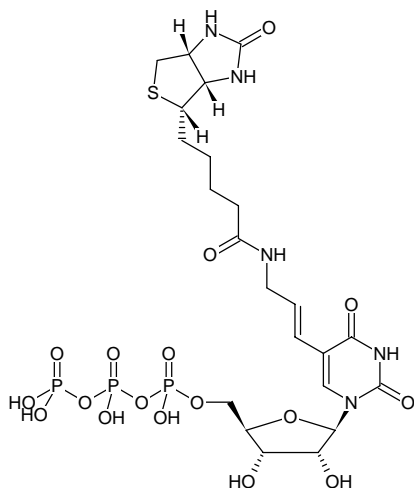
Biotin-5-Aminoallyl-UTP

 γ -N-(Biotin)-5-(3-aminoallyl)-uridine-5'triphosphate, Triethylammonium salt

Cat. No.	Amount
NU-821-BIO	60 μ l (5 mM)

Applications:
RNA-labeling^[1]**Selected References:**

[1] Fen *et al.* (1990) Direct quantitation of biotin-labeled nucleotide analogs in RNA transcripts. *Analytic. Biochem.* **190**:78.



Structural formula of Biotin-4-UTP

For research use only!**Shipping:** shipped on blue ice**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery.

Shelf Life: 12 months**Molecular Formula:** C₂₃H₃₆N₅O₁₇P₃S (free acid)**Molecular Weight:** 779.54 g/mol (free acid)**Purity:** \geq 95 % (HPLC)**Form:** clear aqueous solution, pH 7.5 \pm 0.5**Concentration:** 5 mM**pH:** 7.5 \pm 0.5**Spectroscopic Properties:** λ_{\max} 249/289 nm; ϵ 10.7/7.1 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)