

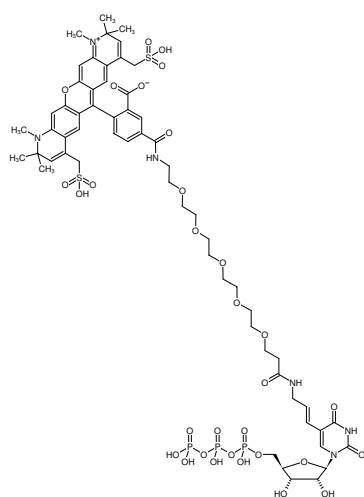


Aminoallyl-UTP-PEG₅-AF594

UTP-PEG₅-AF594

5-(3-Aminoallyl-PEG₅)-uridine-5'-triphosphate, labeled with AF594, Triethylammonium salt

| Cat. No. | Amount |
|-------------------|--------------|
| NU-821-PEG5-AF594 | 10 µl (5 mM) |



Structural formula of Aminoallyl-UTP-PEG₅-AF594

For general laboratory use.

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 12 months after date of delivery

Molecular Formula: C₆₀H₇₇N₆O₃₁P₃S₄

Molecular Weight: 1535.33 g/mol (free acid)

Exact Mass: 1534.33 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in 10 mM Tris-HCl

Color: red-violet

Concentration: 5.0 mM - 5.5 mM

pH: 7.5 ± 0.5

Spectroscopic Properties: λ_{exc} 590 nm, λ_{em} 617 nm, ε 92.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

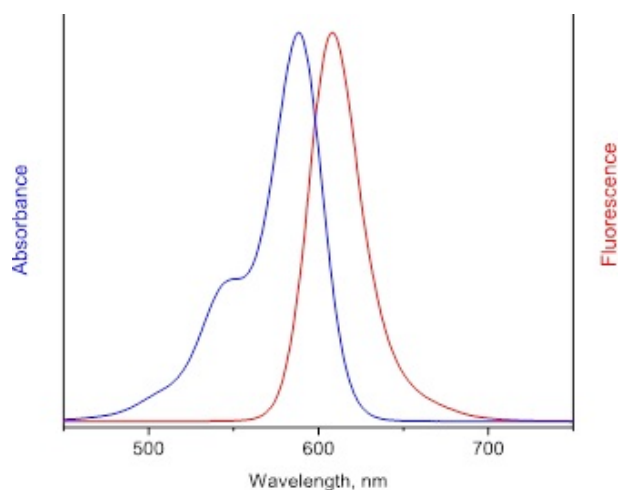
Applications:

RNA Labeling by in vitro Transcription with T7 RNA Polymerase (in-house tested)

Related Products:

HighYield T7 RNA Synthesis Kit, #RNT-101

HighYield T7 AF594 RNA Labeling Kit, #RNT-101-AF594



excitation and emission spectrum of AF594