

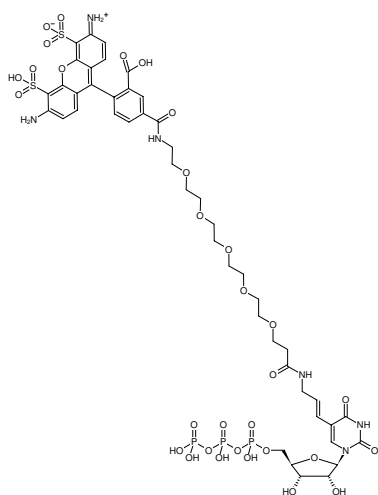


Aminoallyl-UTP-PEG₅-AF488

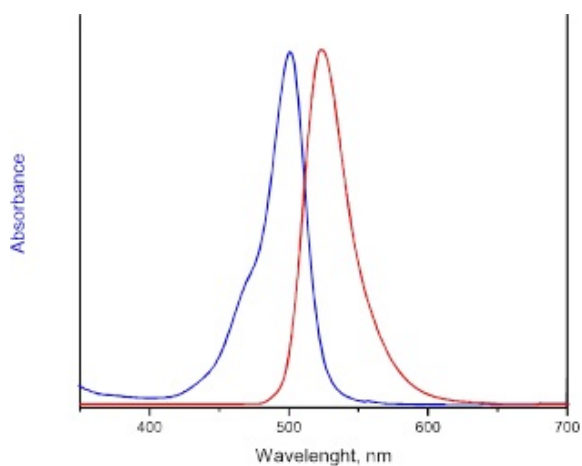
UTP-PEG₅-AF488

5-(3-Aminoallyl-PEG₅)-uridine-5'-triphosphate, labeled with AF488, Triethylammonium salt

Cat. No.	Amount
NU-821-PEG5-AF488	10 µl (5 mM)



Structural formula of Aminoallyl-UTP-PEG₅-AF488



excitation and emission spectrum of AF488

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: C₄₆H₅₇N₆O₃₁P₃S₂ (free acid)

Molecular Weight: 1347.01 g/mol (free acid)

Exact Mass: 1346.17 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in 10 mM Tris-HCl

Color: yellow to orange

Concentration: 5.0 mM - 5.5 mM

pH: 7.5 ± 0.5

Spectroscopic Properties: λ_{exc} 494 nm, λ_{em} 517 nm, ε 73.0 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 AF488 RNA Labeling Kit, #RNT-101-AF488