



Aminoallyl-UTP-PEG₅-IR750

UTP-PEG₅-IR750

5-(3-Aminoallyl-PEG₅)-uridine-5'-triphosphate, labeled with IR750, Triethylammonium salt

Cat. No.	Amount
NU-821-PEG5-IR750	10 µl (5 mM)

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: C₇₂H₉₉N₆O₃₄P₃S₄

Molecular Weight: 1813.75 g/mol (free acid)

Exact Mass: 1812.43 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in 10 mM Tris-HCl

Color: dark green

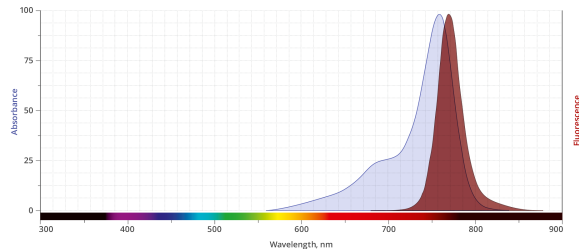
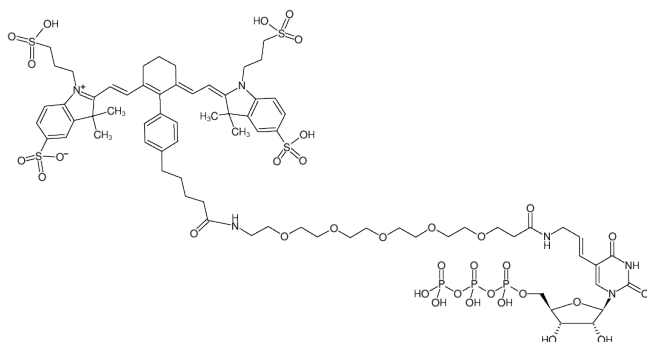
Concentration: 5.0 mM - 5.5 mM

pH: 7.5 ± 0.5

Spectroscopic Properties: λ_{exc} 753 nm, λ_{em} 775 nm, ε 255.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Applications:

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



excitation and emission spectrum of IR750