

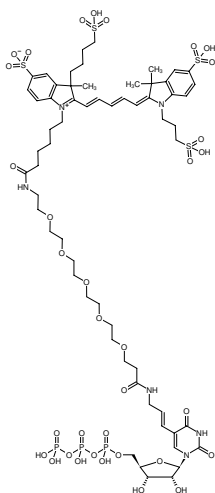


### Aminoallyl-UTP-PEG<sub>5</sub>-AF647

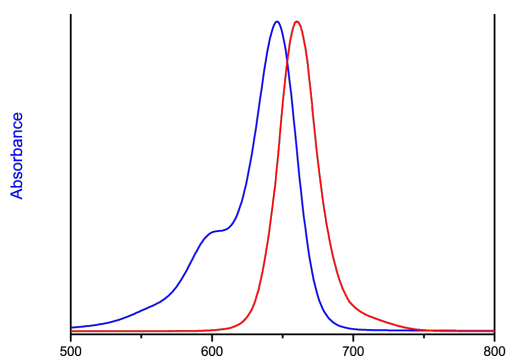
UTP-PEG<sub>5</sub>-AF647

5-(3-Aminoallyl-PEG<sub>5</sub>)-uridine-5'-triphosphate, labeled with AF647, Triethylammonium salt

| Cat. No.          | Amount       |
|-------------------|--------------|
| NU-821-PEG5-AF647 | 10 µl (5 mM) |



Structural formula of Aminoallyl-UTP-PEG<sub>5</sub>-AF647



excitation and emission spectrum of AF647

**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:** C<sub>62</sub>H<sub>91</sub>N<sub>6</sub>O<sub>34</sub>P<sub>3</sub>S<sub>4</sub>

**Molecular Weight:** 1685.58 g/mol (free acid)

**Exact Mass:** 1684.38 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in 10 mM Tris-HCl

**Color:** blue

**Concentration:** 5.0 mM - 5.5 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 649 nm, λ<sub>em</sub> 671 nm, ε 270.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (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 AF647 RNA Labeling Kit, #RNT-101-AF647