

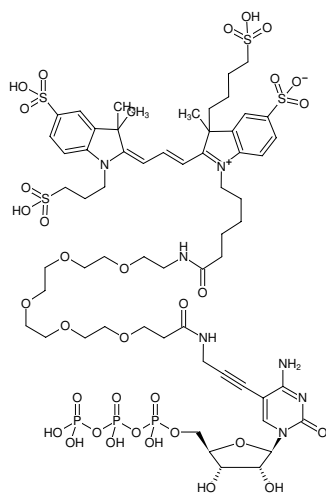


## 5-Propargylamino-CTP-PEG<sub>5</sub>-AF555

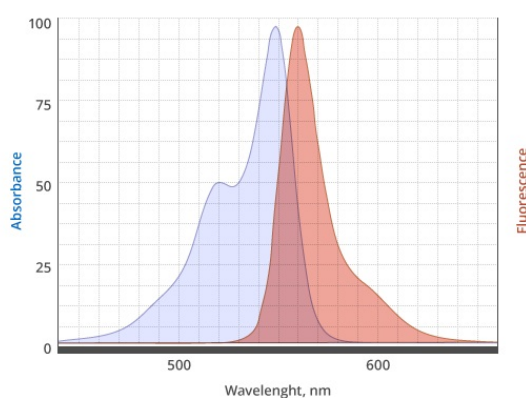
CTP-PEG<sub>5</sub>-AF555

5-(PEG<sub>5</sub>-Propargylamino)-cytidine-5'-triphosphate, labeled with AF555, Triethylammonium salt

Cat. No.	Amount
NU-831-PEG5-AF555	10 µl (5 mM)



Structural formula of 5-Propargylamino-CTP-PEG<sub>5</sub>-AF555



excitation and emission spectrum of AF555

**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>60</sub>H<sub>87</sub>N<sub>6</sub>O<sub>34</sub>P<sub>3</sub>S<sub>4</sub> (free acid)

**Molecular Weight:** 1656.54 g/mol (free acid)

**Exact Mass:** 1655.35 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

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

**Color:** red

**Concentration:** 5.0 mM - 5.5 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 555 nm, λ<sub>em</sub> 572 nm, ε 155.0 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