



EDA-m⁷GTP-ATTO-488

2'/3'-O-(2-Aminoethyl-carbamoyl)-7-methyl-guanosine-5'-triphosphate, labeled with ATTO 488, Triethylammonium salt

Cat. No.	Amount
NU-824-488	80 µl (1 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: C₃₉H₄₅N₁₀O₂₄P₃S₃ (free acid)

Molecular Weight: 1194.88 g/mol (free acid)

Exact Mass: 1194.13 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: yellow

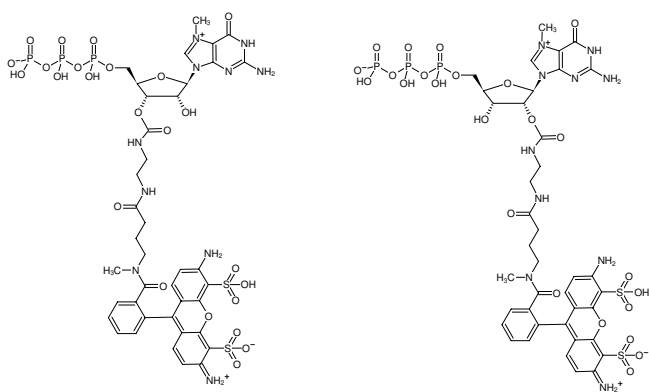
Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ± 0.5

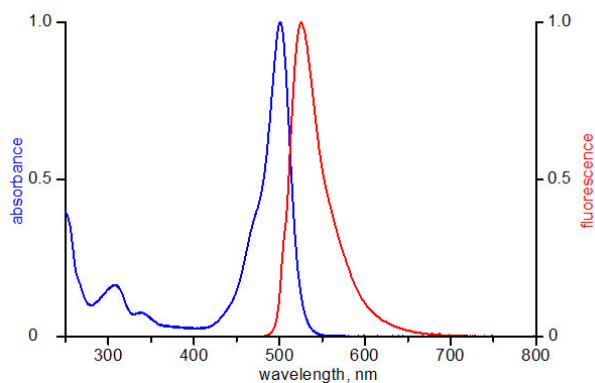
Spectroscopic Properties: λ_{exc} 500 nm, λ_{em} 520 nm, ε 90.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Selected References:

Yuan *et al.* (2016) A novel small-molecule compound disrupts influenza A virus PB2 cap-binding and inhibits viral replication. *J. Antimicrob. Chemother.* **71** (9):2489.



Structural formula of EDA-m⁷GTP-ATTO-488



excitation and emission spectrum of ATTO 488