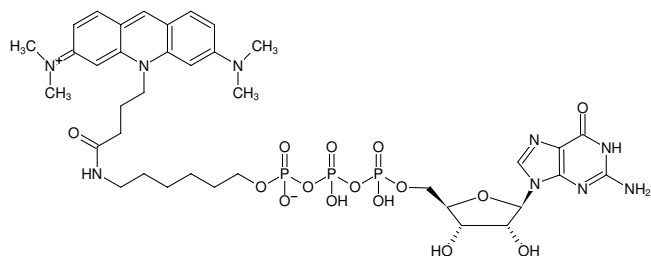




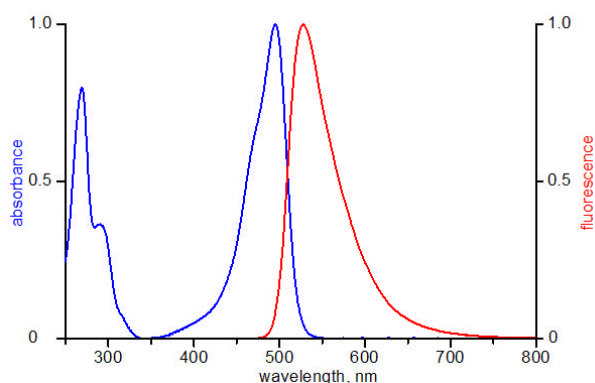
γ -(6-Aminoethyl)-GTP-ATTO-495

γ -(6-Aminoethyl)-guanosine-5'-triphosphate, labeled with ATTO 495, Triethylammonium salt

Cat. No.	Amount
NU-834-495	120 μ l (1 mM)



Structural formula of γ -(6-Aminoethyl)-GTP-ATTO-495



excitation and emission spectrum of ATTO 495

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: C₃₇H₅₂N₉O₁₅P₃ (free acid)

Molecular Weight: 955.78 g/mol (free acid)

Exact Mass: 955.28 g/mol (free acid)

Purity: \geq 95 % (HPLC)

Form: solution in water

Color: orange

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 \pm 0.5

Spectroscopic Properties: λ_{exc} 498 nm, λ_{em} 526 nm, ϵ 80.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Selected References:

Bhattacharya *et al.* (2016) Effects of T592 phosphomimetic mutations on tetramer stability and dNTPase activity of SAMHD1 can not explain the retroviral restriction defect. *Sci. Rep.* 6:31353.