



**$\gamma$ -(6-Aminoethyl)-GTP-ATTO-647N**

$\gamma$ -(6-Aminoethyl)-guanosine-5'-triphosphate, labeled with ATTO 647N, Triethylammonium salt

Cat. No.	Amount
NU-834-647N	80 $\mu$ l (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:** C<sub>58</sub>H<sub>78</sub>N<sub>9</sub>O<sub>16</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 1250.21 g/mol (free acid)

**Exact Mass:** 1249.48 g/mol (free acid)

**Purity:**  $\geq$  95 % (HPLC)

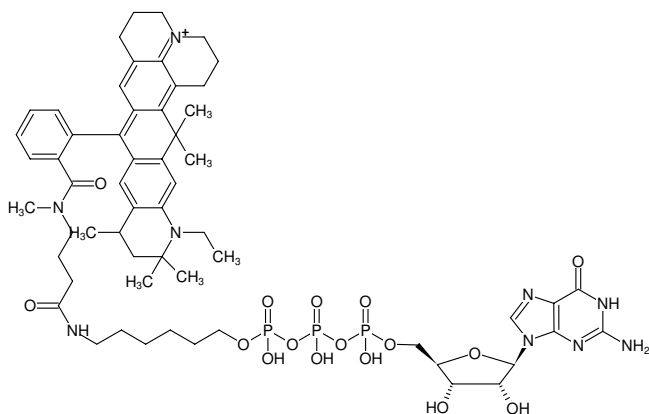
**Form:** solution in water

**Color:** blue

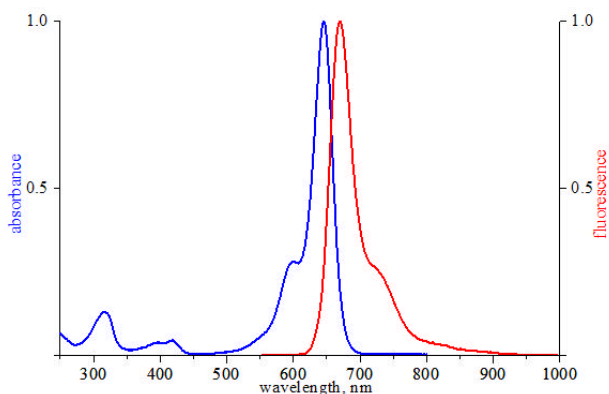
**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5  $\pm$  0.5

**Spectroscopic Properties:**  $\lambda_{exc}$  646 nm,  $\lambda_{em}$  664 nm,  $\epsilon$  150.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)



Structural formula of  $\gamma$ -(6-Aminoethyl)-GTP-ATTO-647N



excitation and emission spectrum of ATTO 647N