



## EDA-m<sup>7</sup>GTP-6-FAM

2'/3'-O-(2-Aminoethyl-carbamoyl)-7-methyl-guanosine-5'-triphosphate, labeled with 6 FAM, Triethylammonium salt

| Cat. No.   | Amount        |
|------------|---------------|
| NU-824-6FM | 160 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:** C<sub>35</sub>H<sub>34</sub>N<sub>7</sub>O<sub>21</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 981.61 g/mol (free acid)

**Exact Mass:** 981.10 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

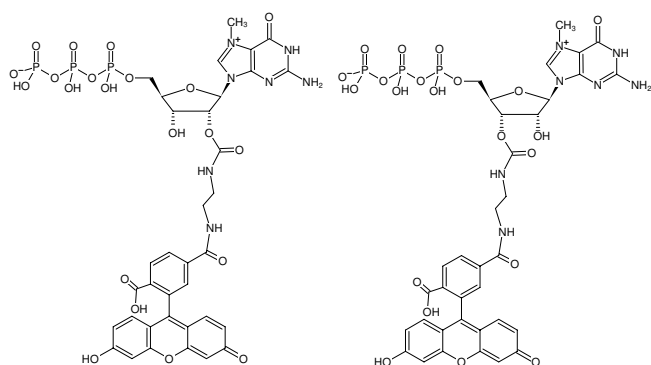
**Form:** solution in water

**Color:** yellow

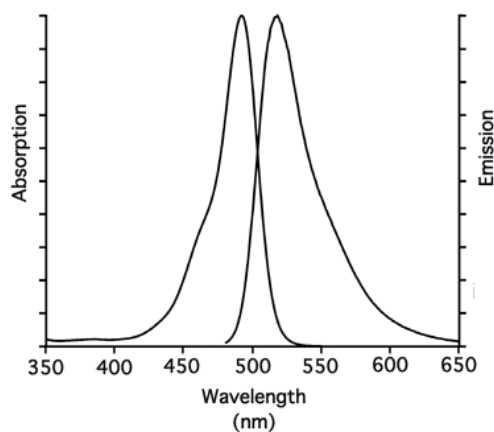
**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 492 nm, λ<sub>em</sub> 517 nm, ε 83.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)



Structural formula of EDA-m<sup>7</sup>GTP-6-FAM



excitation and emission spectrum of 6-FAM