



## EDA-m<sup>7</sup>GDP-ATTO-465

2'/3'-O-(2-Aminoethyl-carbamoyl)-7-methyl-guanosine-5'-diphosphate, labeled with ATTO 465

Cat. No.	Amount
NU-827-465	120 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>31</sub>H<sub>38</sub>N<sub>10</sub>O<sub>13</sub>P<sub>2</sub> (free acid)

**Molecular Weight:** 820.65 g/mol (free acid)

**Exact Mass:** 820.21 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in water

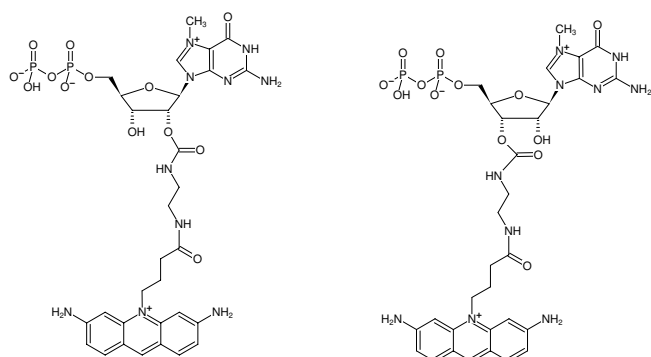
**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ± 0.5

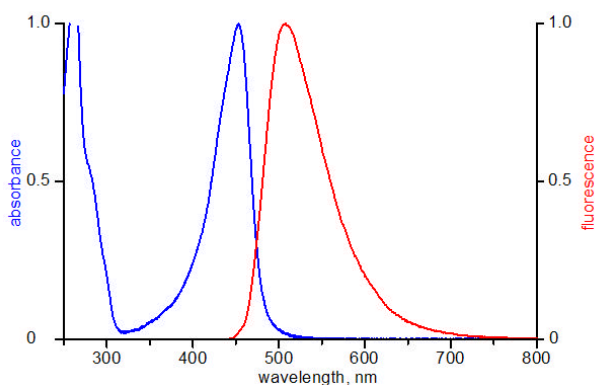
**Spectroscopic Properties:** λ<sub>exc</sub> 453 nm, λ<sub>em</sub> 506 nm, ε 75.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)

**Selected References:**

Soukarieh *et al.* (2016) Design of nucleotide-mimetic and non-nucleotide inhibitors of the translation initiation factor eIF4E: Synthesis, structural and functional characterisation. *Eur. J. Med. Chem.* **124**:200.



Structural formula of EDA-m<sup>7</sup>GDP-ATTO-465



excitation and emission spectrum of ATTO 465