



## EDA-AppNHp (EDA-AMPPNP)-ATTO-647N

2'/3'-O-(2-Aminoethyl-carbamoyl)-Adenosine-5'-[(β,γ)-imido]triphosphate, labeled with ATTO 647N, Triethylammonium salt

Cat. No.	Amount
NU-810-647N	40 µl (1 mM)

**For general laboratory use.**

**Shipping:** shipped on dry ice

**Storage Conditions:** store at -20 °C

**Shelf Life:** 6 months after date of delivery

**Molecular Formula:** C<sub>55</sub>H<sub>72</sub>N<sub>11</sub>O<sub>15</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 1220.14 g/mol (free acid)

**Exact Mass:** 1219.44 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

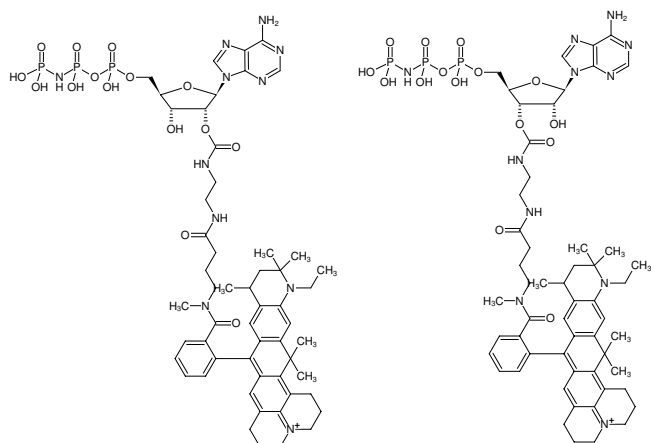
**Form:** solution in water

**Color:** blue

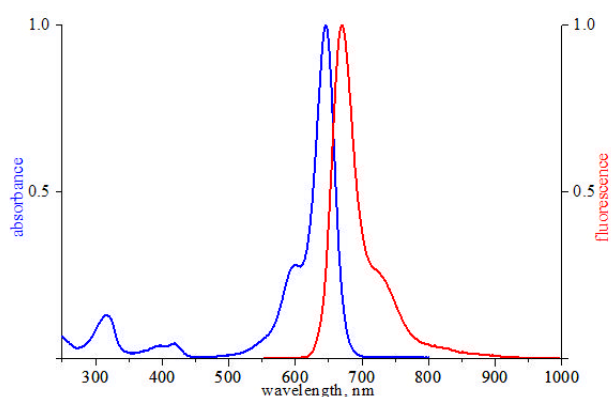
**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 646 nm, λ<sub>em</sub> 664 nm, ε 150.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)



Structural formula of EDA-AppNHp (EDA-AMPPNP)-ATTO-647N



excitation and emission spectrum of ATTO 647N

### Selected References:

Singh *et al.* (2018) Crystallographic and enzymatic insights into the mechanisms of Mg-ADP inhibition in the A1 complex of the A1AO ATP synthase. *J. Struct. Biol.* **201** (1):26.