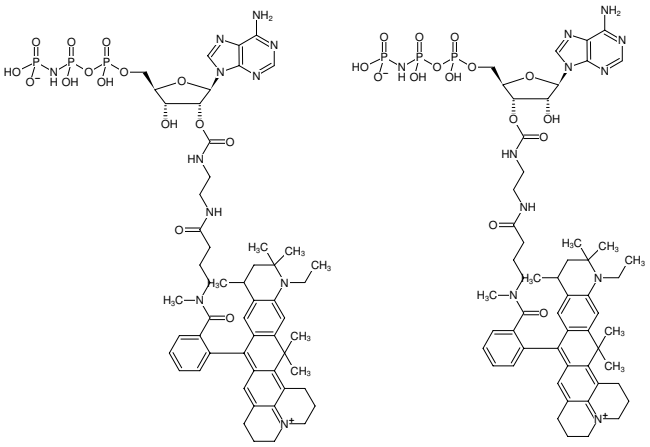
DATA SHEET

Jena Bioscience

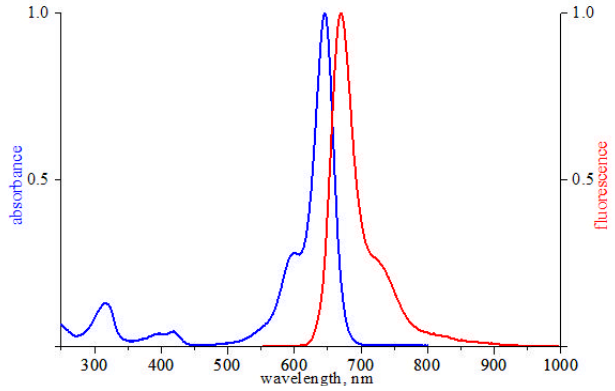
EDA-AppNHp (EDA-AMPPNP)-ATTO-647N

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)



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



excitation and emission spectrum of ATTO 647N

For general laboratory use.

Please centrifuge briefly before opening (volume ≤2 ml).

Shipping: shipped on dry ice

Storage Conditions: store at -20 °C

Shelf Life: 6 months after date of delivery

Molecular Formula: $C_{55}H_{72}N_{11}O_{15}P_3$ (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_{exc} 646 nm, λ_{em} 664 nm,
ε 150.0 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5)

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.