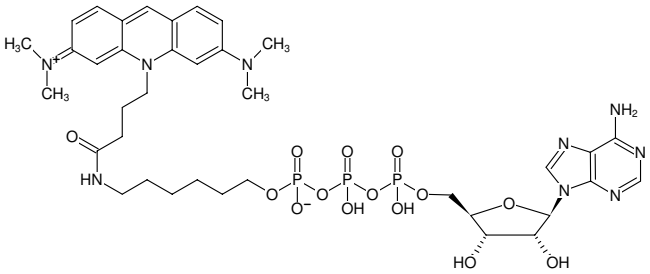
DATA SHEET

Jena Bioscience

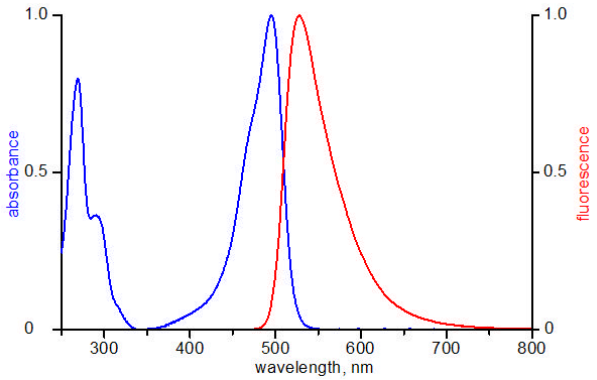
γ-(6-Aminohexyl)-ATP-ATTO-495

γ-(6-Aminohexyl)-adenosine-5'-triphosphate, labeled with ATTO 495, Triethylammonium salt

Cat. No.	Amount
NU-833-495	120 µl (1 mM)



Structural formula of γ-(6-Aminohexyl)-ATP-ATTO-495



excitation and emission spectrum of ATTO 495

For general laboratory use.

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

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: $C_{37}H_{52}N_9O_{14}P_3$ (free acid)

Molecular Weight: 939.78 g/mol (free acid)

Exact Mass: 939.28 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: orange

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{exc} 498 nm, λ_{em} 526 nm, ε 80.0 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5)

Selected References:

Schacherl *et al.* (2017) Crystallographic and biochemical characterization of the dimeric architecture of site-2 protease. *Biochim. Biophys. Acta Biomembr.* **1859 (10)**:1859.

Zimmermann *et al.* (2010) Homodimerization of the death-associated protein kinase catalytic domain: development of a new small molecule fluorescent reporter. *PLoS One.* **5 (11)**:e14120.