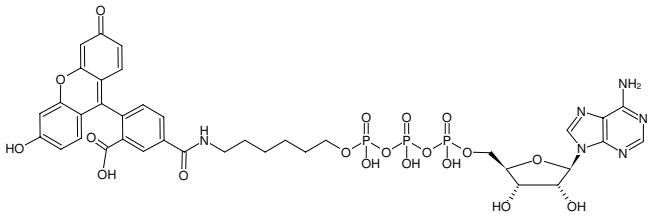
DATA SHEET

Jena Bioscience

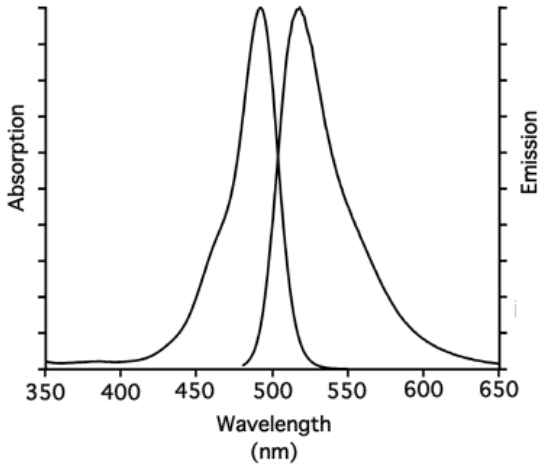
γ-(6-Aminohexyl)-ATP-5-FAM

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

Cat. No.	Amount
NU-833-5FM	160 µl (1 mM)



Structural formula of γ-(6-Aminohexyl)-ATP-5-FAM



excitation and emission spectrum of 5-FAM

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: $C_{37}H_{39}N_6O_{19}P_3$ (free acid)

Molecular Weight: 964.66 g/mol (free acid)

Exact Mass: 964.15 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_{exc} 492 nm, λ_{em} 517 nm, ε 83.0 L mmol^{-1} cm^{-1} (Tris-HCl pH 7.5)

Selected References:

He *et al.* (2010) Aptamer based reversible DNA induced hydrogel system for molecular recognition and separation. *Chem. Commun.* **46 (34)**:6308.