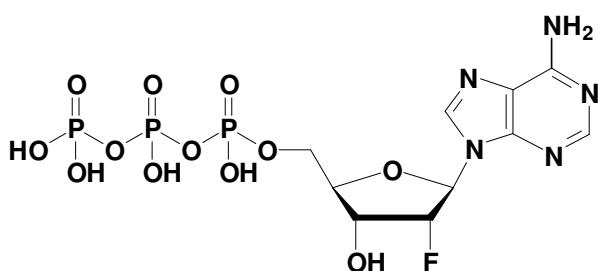


2'-F-ATP

2'-Fluoro-2'-deoxyadenosine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-151S	50 Units
NU-151L	250 Units



Cat. No.: NU-151

Molecular Formula: $C_{10}H_{15}N_5O_{12}P_3F$ (free acid)

Molecular Weight: 509.17 (free acid)

Purity: > 95%, clear aqueous solution, pH 7.5

Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible. Long term storage at < -20°C. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery.

* 1 unit = 1 μ l of a 10 mM solution

For research use only!

Selected References:

Stockman (2008) 2-Fluoro-ATP as a versatile tool for 19F NMR-based activity screening. *J. Am. Chem. Soc.* **130(18)**:5870.

Cho *et al.* (2003) Use of nucleotide analogs by class I and class II CCA-adding enzymes (tRNA nucleotidyltransferase): deciphering the basis for nucleotide selection. *RNA* **9(8)**:970.

Rhie *et al.* (2003) Characterization of 2'-fluoro-RNA aptamers that bind preferentially to disease-associated conformations of prion protein and inhibit conversion. *J. Biol. Chem.* **278(41)**:39697.

Sun *et al.* (2000) Catalytic nucleic acids: from lab to applications. *Pharmacol. Rev.* **52(3)**:325.

Jayasena (1999) Aptamers: an emerging class of molecules that rival antibodies in diagnostics. *Clin. Chem.* **45(9)**:1628.

Ono *et al.* (1997) 2'-Fluoro modified nucleic acids: polymerase-directed synthesis, properties and stability to analysis by matrix-assisted laser desorption/ionization mass spectrometry. *Nucleic Acids Res.* **25(22)**:4581.