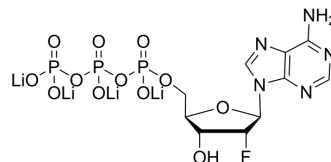


## 2'-Deoxy-2'-fluoroadenosine 5'-triphosphate tetralithium

Cat. No.:	HY-136649
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> FLi <sub>4</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub>
Molecular Weight:	532.9
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	2'-Deoxy-2'-fluoroadenosine 5'-triphosphate tetralithium is an ATP analog, it exerted a strong but mixed-type inhibition on poly(AU) synthesis.
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### REFERENCES

- [1]. Ishihama A, Enami M, Nishijima Y, Fukui T, Ohtsuka E, Ikehara M. 2'-Deoxy-2'-azidoadenosine triphosphate and 2'-deoxy-2'-fluoroadenosine triphosphate as substrates and inhibitors for Escherichia coli DNA-dependent RNA polymerase. J Biochem. 1980;87(3):825-830.
- [2]. Kasuya T, et, al. Highly accurate synthesis of the fully 2'-fluoro-modified oligonucleotide by Terminator DNA polymerases. Bioorg Med Chem Lett. 2014 May 1; 24(9): 2134-6.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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