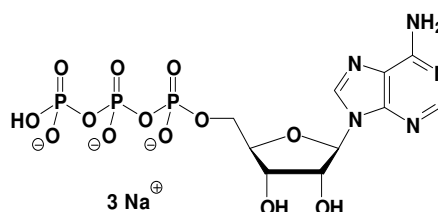


**DATA SHEET**

**Adenosine 5'-Triphosphate, ATP**

Product: Adenosine 5'-Triphosphate, sodium salt  
 CAS Number: 987-65-5  
 Structural formula:



**Ordering Information**

Cat.-No.	Volume	Amount	Conc.
NU-1010	1 ml	100 µmol	100 mM

**Quality Control Assays**

Functional Assays	Specification
In vitro transcription	suitable
DNase, RNase, Protease, Phosphatase Assay	no activity detected
Physical Assays	Specification
Concentration	100 mM ±2%
Purity by HPLC	>99%
pH	8.0 ±0.2

**Physical Constants**

Formula	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> (Anion)
Molecular Weight	504.16 g/mol (Anion)
Absorbance	
absorbance max:	259 nm (pH 7)
ε at absorbance max:	15.1 mmol <sup>-1</sup> cm <sup>-1</sup>