

ATP Solution GMP Grade(100 mM)

Product information

Product Name	Catalog No.	Specification
ATP Solution GMP Grade(100 mM)	10129ES03	1 mL
	10129ES10	10 mL
	10129ES60	100 mL

Product description

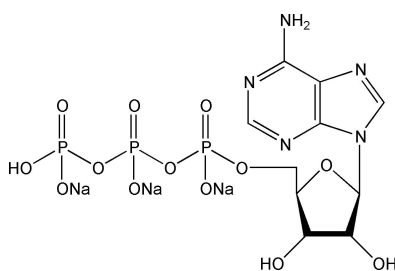
ATP, or Adenosine-5'-triphosphate, is a fundamental component for energy conversion in biological systems. Both the compound and its sodium salt are widely used in various molecular biology applications, such as kinase reactions, in vitro transcription, ligation, and phosphorylation.

This product is a colorless and transparent aqueous solution prepared from ATP trisodium salt with a purity of $\geq 99\%$ (tested by HPLC). It has a concentration of 100 mM and a pH of 7.0 ± 0.1 (at 25°C). Furthermore, it is guaranteed to be free from DNase, RNase, and phosphatase contamination.

Product properties

Synonym	Adenosine-5'-triphosphate, trisodium salt
CAS NO.	56-65-6 (free acid)
Formula	$C_{10}H_{13}N_5O_{13}P_3 Na_3$
Molecular weight	573.1 g/mol (acid form: 507.18 g/mol)
Purity	HPLC $\geq 99\%$
Appearance	Colorless and transparent solution

Structure



Shipping and Storage

Shipped with ice packs. Store at -25°C to -15°C . Avoid repeated freeze-thaw cycles. Valid for 2 years.

Precautions

1. The product can be thawed at room temperature. After thawing, it should be kept on ice or in an ice bath. Store at -20°C immediately after use.
2. For your safety and health, please wear a lab coat and disposable gloves when handling this product.
3. This product is for research use only!