

# Raw Material ATP Powder Adenosine Triphosphate Disodium CAS 987-65-5

Our Product Introduction

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## Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-987-65-5
- Minimum Order Quantity: 1KG
- Packaging Details: 1kg, 5kg, 15kg, 20kg, 25kg can be packed in different specifications. Packaging can be customized according to customer requirements. Aluminium foil bag and carton.
- Delivery Time: 7-15days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



## Product Specification

- Product Name: Adenosine 5'-triphosphate Disodium Salt
- CAS NO: 987-65-5
- Purity: 99%
- Shelf Life: 2 Years



**Product Description****Specifications:**

Product Name:	Adenosine 5'-triphosphate disodium salt
Synonyms:	ADENOSINE TRIPHOSPHATE DISODIUM;ADENOSINE TRIPHOSPHATE, DISODIUM SALT;ADENYLPYROPHOSPHORIC ACID DISODIUM SALT;ADENOSINE-5'- TRIPHOSPHATE HYDRATE DISODIUM SALT;ADENOSINE-5'-TRIPHOSPHATE NA2- SALT;ADENOSINE-5'-TRIPHOSPHORIC ACID, DISODIUM;ADENOSINE-5'-TRIPHOSPHORIC ACID DISODIUM DIHYDROGEN SALT;ADENOSINE 5'-TRIPHOSPHORIC ACID DISODIUM SALT
CAS:	987-65-5
MF:	C10H17N5NaO13P3
MW:	551.18
EINECS:	213-579-1
Melting point	188-190
density	1.85 at 20
vapor pressure	0.1Pa at 20-50
storage temp.	-20°C
solubility	H <sub>2</sub> O: 50 mg/mL
form	crystalline
color	White powder

**Description:**

Adenosine 5'-triphosphate disodium salt, CAS 987-65-5, is a derivative of adenosine phosphate and plays a vital role in energy metabolism and cellular function. It is a naturally occurring molecule found in all living cells and serves as a coenzyme and precursor for various biological processes. Below is a detailed product description for adenine 5'-triphosphate disodium salt, a remarkable molecule with a variety of applications:

Adenosine 5'-triphosphate disodium salt is a white to off-white powder with a molecular formula of C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>Na<sub>3</sub>O<sub>12</sub>P<sub>3</sub> and a molecular weight of 551.197. Very soluble in water and polar organic solvents, and has good stability under environmental conditions.

ATP plays a vital role in energy metabolism and is the main source of energy for cells. It is phosphorylated by ADP during glycolysis and oxidative phosphorylation, providing energy for various biological processes such as muscle contraction, neurotransmission, and DNA replication. ATP also serves as a coenzyme for a variety of enzymes and participates in the catalysis of many biochemical reactions.

We use advanced production technology to specialize in the production of high-purity adenine 5'-triphosphate disodium salt CAS 987-65-5. Our products have good solubility and bioavailability and are suitable for use in a variety of pharmaceutical, cosmetic and nutraceutical formulations.

**Application:**

Adenosine 5'-triphosphate disodium salt, CAS 987-65-5, is a derivative of adenosine phosphate and plays a vital role in energy metabolism and cellular function. It is a naturally occurring molecule found in all living cells and serves as a coenzyme and precursor for various biological processes. The following are some specific applications of adenine 5'-triphosphate disodium salt:

1. Biochemical research: Adenosine 5'-triphosphate disodium salt is a key molecule in energy metabolism and cell function, making it a valuable research tool for biochemical and biophysical studies. It is used to study energy production and transfer, enzyme catalysis, and other aspects of cellular metabolism.
2. Drug development: ATP analogues, including adenine 5'-triphosphate disodium salt, are being developed as potential drugs for the treatment of various diseases. They can act as agonists or antagonists at ATP receptors and are being tested for their ability to treat diseases such as cancer, neurodegenerative diseases and muscle diseases.
3. Nutritional supplements: Adenosine 5'-triphosphate disodium salt is considered a "high-energy" food supplement that can provide extra energy to the body. It is added to various nutritional supplements and sports drinks to enhance performance and endurance during physical activity.
4. Photodynamic therapy: ATP analogs, including adenine 5'-triphosphate disodium salt, are being studied for their use in photodynamic therapy to treat cancer and other diseases. They are designed to absorb light energy and convert it into cytotoxic agents that kill cancer cells.
5. Water treatment: Adenosine 5'-triphosphate disodium salt is added to the water treatment process as a coagulant to remove suspended particles and impurities. It helps settle particles and improves water clarity and quality.

**Advantage:**

1. Firsky (Wuhan) continues to make efforts to steadily offer clients high-quality items. We have put in place a reliable internal quality management system and are always working to increase quality, decrease deviation, and eliminate waste.

2. If you have any questions, don't hesitate to ask them; we'll get back to you within 48 hours.

3. After getting the items, if you have any questions, don't hesitate to get in touch with us. We promise to compensate you in full if we were the source of the loss.

## **FAQ:**

### **How do I make a purchase?**

We advise that you speak with our customer support personnel before placing an order because the market price of chemical raw materials fluctuates often.

1. Please let me know which products you require and how many of each you need.
2. We will provide you with the best pricing right away, including delivery charges.
3. If the price seems reasonable to you, you can select a payment option to complete the transaction.
4. After we confirm your payment, your shipment will be wrapped and dispatched within 24 hours.
5. Two days after the package is sent out, a tracking number and packing photo will be provided.
6. We wish you a wonderful shopping experience and encourage you to get in touch with us if there are any problems.

### **Which delivery alternatives are available?**

All Fushikai orders are shipped from Japan using FEDEX, UPS, DHL, Airmail, Surface Mail, EMS (Japan Post), and Economical Air (SAL). Depending on the various nations, we will select the best choice. Once payment has been received, the approximate delivery time is 5-7 working days.

### **How are your products verified?**

We use our own quality control team to inspect each batch of products. Only at least 98% of pharmaceutical raw materials are used in the synthesis process, rather than cheap sources that are replicated using discarded chemical ingredients. Multiple tests are conducted using cutting-edge equipment to ensure perfect accuracy in determining the potency, purity and quality of ingredients and finished products.

### **Does a discount apply to large orders?**

After your order reaches a particular value, there is a large discount. Several seasonal sales and promotions are available from us.

### **What forms of payment do you accept?**

We accept payments with Western Union, Bitcoin, e-transfers, bank transfers, MoneyGram, and Alipay in addition to all other forms of cryptocurrency.

### **Do you deliver to parcel lockers at PO boxes?**

YES, we could deliver to parcel lockers at PO boxes!

### **Can I get a tracking number from you?**

We will provide you the tracking number and some images of the items you ordered as soon as the shipment is planned. For the most up-to-date tracking updates, please go to our preferred site.



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