CAS 987-65-5 Skin Whitening Ingredients Biochemical ATP Disodium Salt

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: FIRSKY
- Model Number: 987-65-5
- 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
- Molecular Formula: C10H17N5NaO13P3
- Molecular Weight: 531.18
- Highlight: **987-65-5 Skin Whitening Ingredients**, **Skin Whitening Ingredients ATP**, **Biochemical ATP Disodium Salt**

Product Description

ATP disodium salt CAS 987-65-5

Product name:	ATP disodium salt; Adenosine 5'-triphosphate (disodium salt); Disodium adenosine triphosphate
Cat. No. :	CS-2387
CAS No. :	987-65-5
MDL. :	MFCD00080339
Formula:	C10H14N5Na2O13P3
M. Wt. :	551.14
Solubility:	DMSO : 1 mg/mL (1.81 mM; ultrasonic and warming and heat to 80°C); H2O : 100 mg/mL (181.44 mM; Need ultrasonic)
SMILES :	O[C@H]1[C@@H](O)[C@H](N2C(N=CN=C3N)=C3N=C2)O[C@@H]1COP(OP(OP(O)([O-])=O)([O-])=O)(O)=O.[2Na+]

Description

ATP Disodium Salt, CAS 987-65-5: The Cellular Energy Currency
Welcome to the fascinating world of ATP Disodium Salt, CAS 987-65-5, a molecule that serves as the primary energy currency in living cells, powering countless biological processes.

Energy Transfer: Adenosine Triphosphate (ATP) is a molecule found in all living organisms. In its disodium salt form, ATP becomes even more soluble and bioavailable, facilitating its crucial role in energy transfer.
Cellular Powerhouse: ATP is often referred to as the "molecular unit of currency" within cells because it stores and delivers energy for various cellular activities.
Energy Release: When ATP is hydrolyzed (split) into Adenosine Diphosphate (ADP) and inorganic phosphate (Pi), energy is released. This energy is used to drive essential processes like muscle contraction, nerve impulse propagation, and chemical reactions necessary for life.
Metabolism: ATP fuels metabolic pathways, such as glycolysis and cellular respiration, enabling cells to extract energy from nutrients like glucose and transfer it for use in other reactions.
Biological Functions: From muscle contraction during exercise to the synthesis of essential molecules like DNA and RNA, ATP plays a central role in nearly every biological process.
Scientific Impact: ATP Disodium Salt is a staple in biochemical and cellular research. Its study has led to groundbreaking discoveries about cellular energy and metabolism.
Elevate Your Scientific Understanding: Understanding the significance and potential of ATP Disodium Salt, CAS 987-65-5, underscores its critical importance in the fields of biology, biochemistry, and the exploration of life's fundamental processes. Whether you're a cell biologist investigating the intricacies of energy production, a biochemist exploring the molecular foundations of life, or someone fascinated by the molecules that power our bodies, unveiling the potential of ATP Disodium Salt offers profound insights into its pivotal role in advancing scientific knowledge and supporting the remarkable complexity of life.
Your journey to discover the significance of this molecule, from its role in cellular energy to its widespread applications in scientific research, begins here. Delve into its uses to gain a deeper understanding of its vital place in the intricate web of life and the cellular processes that keep us alive and thriving. Embrace the possibilities of a molecule that fuels the engine of life itself.

Application

ATP disodium salt, with the CAS number 987-65-5, is a chemical compound that is a salt form of adenosine triphosphate (ATP). ATP is a vital molecule involved in energy transfer within cells. Here is its main usage:
Research and laboratory applications: ATP disodium salt is commonly used in research and laboratory settings for various purposes. It serves as a source of ATP for biochemical and cellular studies. Researchers use it to investigate various cellular processes, including energy metabolism, enzyme kinetics, signal transduction, and molecular biology experiments. ATP disodium salt is often utilized in enzymatic assays, cell culture experiments, and other in vitro studies.
Additionally, ATP disodium salt can be used in various analytical techniques, such as high-performance liquid chromatography (HPLC), to quantify ATP levels in biological samples.
It's important to note that the usage of ATP disodium salt is primarily limited to laboratory and research settings. It is not intended for human consumption or use in clinical applications without appropriate modifications, formulation, and regulatory approval.
If you are considering working with ATP disodium salt or conducting experiments involving ATP, it is crucial to follow proper safety protocols, handle the substance in a well-equipped laboratory, and adhere to the regulations and guidelines provided by relevant authorities, such as safety data sheets (SDS) and local regulations for chemical handling and disposal.

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.

FIRSKY® **Firsky International Trade (Wuhan) Co., Ltd**

+86 15387054039 admin@firsky-cn.com firskytech.com

No. 7, Xujiadai, Xin'andu Office, East-West Lake District, Wuhan, China