

99% CAS 16373-93-6 Pharmaceutical Intermediates 2' -Deoxyadenosine Monohydrate

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-16373-93-6
- 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: 2'-Deoxyadenosine Monohydrate
- CAS NO: 16373-93-6
- Purity: 99%
- Shelf Life: 2 Years
- Highlight: 16373-93-6 Pharmaceutical Intermediates, 99% 2' -Deoxyadenosine Monohydrate



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Product Description**99% CAS No. 16373-93-6 Pharmaceutical Intermediates 2' - Deoxyadenosine Monohydrate****Specifications:**

Chemical Name	2'-Deoxyadenosine Monohydrate
Synonyms	2'-Deoxy-β-D-adenosine Monohydrate; 9-(2-Deoxy-β-D-erythro-pentofuranosyl)adenine; 9-(2-Deoxy-β-D-erythro-pentofuranosyl)-9H-purin-6-amine Hydrate; Adenine Deoxyribonucleoside Hydrate; Adenine Deoxyribose Hydrate; Adenyldeoxyriboside Hydrate; Deoxyadenosine Hydrate; Desoxyadenosine Hydrate; NSC 141848; NSC 143510; NSC 83258; dA; 1-(6-Amino-9H-purin-9-yl)-1,2-dideoxy-β-D-ribofuranose Hydrate; 2-Deoxyadenine-9-β-D-erythro-pento-furanoside Hydrate;
CAS Number	16373-93-6
Alternate CAS #	958-09-8
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₃ • (H ₂ O)
Appearance	White to Off-White Solid
Melting Point	190-193°C
Molecular Weight	251.25 + (18.02)
Storage	4°C
Solubility	DMSO (Slightly), Methanol (Slightly)
Category	Building Blocks; Pharmaceutical/API Drug Impurities/Metabolites;
Applications	2'-Deoxyadenosine Monohydrate is used in the synthesis of 5'-modified 2'-deoxyadenosine analogues as anti-hepatitis C virus agents.

Description:

We are a leading supplier of high-quality chemical raw materials, specializing in the distribution of 2'-deoxyadenosine monohydrate. Our company is committed to providing reliable, pure 2'-deoxyadenosine monohydrate, a critical compound used in various industries. With its unique properties and wide range of applications, 2'-deoxyadenosine monohydrate (CAS 16373-93-6) is an important chemical in the pharmaceutical, biotechnology and research fields.

2'-Deoxyadenosine monohydrate is a white crystalline powder soluble in water and other polar solvents. The following are the main properties and applications of 2'-deoxyadenosine monohydrate:

Pharmaceutical Applications: 2'-Deoxyadenosine monohydrate plays a vital role in pharmaceutical research and development. It is used as a building block for the synthesis of nucleoside analogs and antiviral drugs. 2'-Deoxyadenosine monohydrate is also used as a reference standard in pharmacological studies and as a starting material for the production of DNA modifying agents.

Biotechnology and Molecular Biology: In the fields of biotechnology and molecular biology, 2'-deoxyadenosine monohydrate is widely used as a component in DNA synthesis and sequencing. It is one of four nucleosides required for DNA replication and amplification. The high purity and quality of 2'-deoxyadenosine monohydrate are critical to obtaining accurate and reliable results in molecular biology experiments.

Research and Development: 2'-Deoxyadenosine monohydrate is widely used in academic and industrial research settings. It is used as a substrate for enzymatic reactions, as well as in research related to DNA repair, mutagenesis, and cell signaling pathways. The availability of high-grade 2'-deoxyadenosine monohydrate ensures reproducibility and validity of research results.

Biochemical and diagnostic reagents: 2'-Deoxyadenosine monohydrate is used in the production of biochemical and diagnostic reagents. It is a key component of various kits and assays used in molecular diagnostics, genomics and proteomics. The purity and consistency of 2'-deoxyadenosine monohydrate contributes to the accuracy and sensitivity of biochemical and diagnostic tests.

Application:

CAS number 16373-93-6 corresponds to the compound 2'-deoxyadenosine monohydrate. 2'-Deoxyadenosine is a nucleoside composed of deoxyribose linked to an adenine base. Here are some of its main applications:

1. **Drug research:** 2'-deoxyadenosine and its monohydrate form are often used in drug research as reference compounds and starting materials for the synthesis of various drugs. It is a basic material for the production of nucleotide analogs, antiviral drugs, and anticancer drugs.

2. **DNA and RNA synthesis:** 2'-deoxyadenosine is the basic component of DNA (deoxyribonucleic acid) synthesis. Researchers and scientists use it to study DNA structure, function, and replication. It is also used in molecular biology techniques such as polymerase chain reaction (PCR) and DNA sequencing.

3. **Cell culture and biotechnology:** 2'-Deoxyadenosine can be used in cell culture applications and biotechnology processes. It can be included in cell culture media to support the growth and maintenance of certain cell types. In addition, it can be used in the production of recombinant proteins and other biological products.

4. Diagnostic Tools: 2'-Deoxyadenosine can be used in diagnostic tools and techniques. It can be used as a reference standard or as a component of a diagnostic assay, such as a nucleic acid detection or sequencing method.

5. Research and development: 2'-Deoxyadenosine is often used in scientific research and development in various disciplines. It helps in understanding cellular processes, nucleic acid structure and function, and studying the effects of different compounds on DNA and RNA.

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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