2'-Deoxyadenosine Monohydrate CAS 16373-93-6 Essential for DNA Research and Pharmaceutical Applications

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-CAS 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: 7-15 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T

Product Specification

- Shelf Life: 2 Years
- Product Name: 2'-Deoxyadenosine Monohydrate
- CAS NO: 16373-93-6
- Purity: 99%

Product Description

Product Description

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	$C_{10}H_{13}N_5O_3 \cdot (H_2O)$
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

Experience the power of 2'-Deoxyadenosine Monohydrate (CAS 16373-93-6), a premium compound with diverse applications in DNA research and pharmaceutical fields. 2'-Deoxyadenosine Monohydrate serves as a crucial tool for scientists and researchers investigating nucleic acid structure, DNA replication, and nucleotide metabolism. Its high-quality formulation makes it an excellent choice for pharmaceutical applications, where it can be incorporated into drug formulations or used as a reference standard for accurate testing and analysis. In molecular biology techniques like PCR, DNA sequencing, and gene expression analysis, 2'-Deoxyadenosine Monohydrate plays a vital role as a substrate for enzymes involved in DNA manipulation. Diagnostic assays and kits also benefit from its use as a control or calibration standard for precise nucleic acid detection and quantification. Discover the potential of 2'-Deoxyadenosine Monohydrate (CAS 16373-93-6) and unlock new insights in your research endeavors. For specific guidance on dosage and protocols tailored to your needs, consult scientific literature or seek advice from experts in the field.

Application

2'-Deoxyadenosine Monohydrate (CAS 16373-93-6) has various applications and uses. Here are some common uses of 2'-Deoxyadenosine Monohydrate:
Research and Biochemical Studies: 2'-Deoxyadenosine Monohydrate is widely used in scientific research and biochemical studies. It serves as a valuable tool for investigating nucleic acid structure and function, DNA replication, and nucleotide metabolism.
Pharmaceutical Applications: 2'-Deoxyadenosine Monohydrate is utilized in the development of pharmaceutical drugs, particularly those targeting DNA-related processes. It may be incorporated as a component in drug formulations or used as a reference standard in drug testing and analysis.
Molecular Biology: 2'-Deoxyadenosine Monohydrate is employed in molecular biology techniques such as polymerase chain reaction (PCR), DNA sequencing, and gene expression analysis. It can be used as a substrate for DNA polymerases and enzymes involved in DNA manipulation.
Diagnostic Assays: 2'-Deoxyadenosine Monohydrate may be utilized in diagnostic assays and kits for the detection and quantification of nucleic acids. It can serve as a control or calibration standard in these assays.
It is important to note that specific dosages, protocols, and applications may vary depending on the intended use and research context. It is advisable to consult scientific literature, research experts, or healthcare professionals for precise guidance on the usage of 2'-Deoxyadenosine Monohydrate (CAS 16373-93-6) in your specific area of interest.

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