C10H13N5O3 Skin Whitening Ingredients 2 Deoxyadenosine CAS 958-09-8

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: FIRSKY
- Model Number: 958-09-8
- 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
- CAS NO: 958-09-8
- Molecular Formula: C10H13N5O3
- Molecular Weight: 251.24
- Highlight: **C10H13N5O3 Skin Whitening Ingredients**, **Skin Whitening Ingredients 2 Deoxyadenosine**, **2 Deoxyadenosine CAS 958-09-8**

Product Description

2'-Deoxyadenosine CAS 958-09-8

Name:	2'-Deoxyadenosine;
Cat. No. :	CS-W021069
CAS No. :	958-09-8
MDL. :	MFCD00005754
Formula:	C10H13N5O3
M. Wt. :	251.24
Solubility:	DMSO : 100 mg/mL (398.03 mM; Need ultrasonic)
SMILES :	NC1=NC=NC2=C1N=CN2[C@H]3C[C@H](O)[C@@H](CO)O3

Description

2'-Deoxyadenosine, CAS 958-09-8: The Molecular Building Block of DNA
Step into the world of 2'-Deoxyadenosine, CAS 958-09-8, a crucial molecule that serves as one of the building blocks of DNA, the genetic blueprint of life.

DNA Component: 2'-Deoxyadenosine is an essential component of DNA, the fundamental genetic material that carries the instructions for the development, functioning, growth, and reproduction of all known living organisms.
Base Pairing: Within the DNA double helix, 2'-Deoxyadenosine forms base pairs with its complementary base, thymidine (T), creating the A-T base pair. This pairing is a fundamental aspect of DNA's structure and its ability to store and transmit genetic information.
Genetic Information Storage: The sequence of 2'-Deoxyadenosine and other DNA bases encodes the genetic information that defines an organism's traits, characteristics, and biological processes.
Replication: During cell division and DNA replication, 2'-Deoxyadenosine, along with other nucleotides, is essential for copying and transmitting genetic information to new cells.
Biological Function: In addition to its role in DNA, 2'-Deoxyadenosine participates in various biological processes, including energy metabolism and the synthesis of important molecules like ATP (adenosine triphosphate).
Scientific Exploration: Researchers continually study 2'-Deoxyadenosine and its role in genetics, genomics, and molecular biology, contributing to advancements in understanding life's fundamental processes.
Elevate Your Scientific Understanding: Understanding the significance and potential of 2'-Deoxyadenosine, CAS 958-09-8, underscores its critical importance in the fields of genetics, molecular biology, and the quest to unravel the mysteries of life itself.
Whether you're a geneticist exploring the intricacies of DNA, a biologist deciphering the secrets of inheritance, or simply curious about the molecules that make life possible, unveiling the potential of 2'-Deoxyadenosine offers profound insights into its pivotal role in advancing scientific knowledge and supporting the remarkable complexity of life on Earth.
Your journey to discover the significance of this molecule, from its role in DNA to its contributions to the foundations of genetics, begins here. Delve into its uses to gain a deeper understanding of its vital place in the intricate web of life. Embrace the possibilities of a molecule that carries the genetic instructions for all living things.

Application

2'-Deoxyadenosine, with the CAS number 958-09-8, is a nucleoside composed of the nucleobase adenine and the sugar deoxyribose. It is an important building block of DNA and plays a crucial role in genetic material. Here is its main usage:
Laboratory research: 2'-Deoxyadenosine is commonly used in laboratory research for various purposes. It serves as a reference compound and standard in biochemical and molecular biology studies. Researchers use it to investigate the structure, function, and interactions of DNA, RNA, and related molecules. It is also utilized in enzymatic assays, cell culture experiments, and other in vitro studies.
Nucleoside analog: Due to its similarity to natural nucleosides, 2'-deoxyadenosine can be modified to create nucleoside analogs. These analogs are used in medicinal chemistry and drug development to design compounds that can selectively target and interfere with DNA replication or other cellular processes. Nucleoside analogs have been employed in the treatment of various viral infections, cancers, and autoimmune diseases.
It's important to note that the usage of 2'-deoxyadenosine and its derivatives is primarily limited to laboratory and research settings. These compounds are not intended for human consumption or use in clinical applications without appropriate modifications, formulation, and regulatory approval.
If you are considering working with 2'-deoxyadenosine or its analogs, 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.

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