CAS 1094-61-7 NMN β-Nicotinamide Mononucleotide White Solid powder

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: FIRSKY
- Model Number: 23111-00-4
- 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: Nicotinamide Riboside Chloride
- CAS NO: 23111-00-4
- Molecular Formula: C11H15ClN2O5
- Molecular Weight: 290.7
- Highlight: **1094-61-7 NMN B-Nicotinamide Mononucleotide**, **NMN B-Nicotinamide Mononucleotide White**, **cas 1094 61 7**

Our Product Introduction

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Product Description

NMN β-Nicotinamide Mononucleotide CAS 1094-61-7

Product Name:	β-Nicotinamide Mononucleotide
Synonyms:	3-(Aminocarbonyl)-1-(5-O-phosphono-β-D-ribofuranosyl)pyridinium Inner Salt;?3-Carbamoyl-1-β-D-ribofuranosylpyridinium Hydroxide, 5'-Phosphate Inner Salt; NMN; Nicotinamide Mononucleotide; Nicotinamide Ribonucleoside 5'-Phosphate; Nicotinamide Ribonucleotide; Nicotinamide Ribotide; β-D-NMN; β-NMN;
CAS NO:	1094-61-7
EINECS NO:	214-136-5
Molecular Formula:	$C_{11}H_{15}N_2O_8P$
Molecular Weight:	334.22
Melting Point:	>96°C (dec.)
Storage:	Hygroscopic, -20°C Freezer, Under Inert Atmosphere
Solubility:	DMSO (Slightly, Heated), Methanol (Slightly), Water (Slightly)
Stability:	Very Hygroscopic
Appearance:	White Solid powder

Description

β-Nicotinamide Mononucleotide (NMN), CAS 1094-61-7: Unlocking the Fountain of Youth
Prepare to embark on a journey into the realm of β-Nicotinamide Mononucleotide (NMN), CAS 1094-61-7, a remarkable molecule that has captured the imagination of scientists and health enthusiasts alike for its potential to unlock the secrets of longevity.

Cellular Energy: NMN is a precursor to nicotinamide adenine dinucleotide (NAD+), a coenzyme that plays a crucial role in cellular energy production. As we age, NAD+ levels decline, and NMN supplementation may help replenish this vital molecule.
Anti-Aging Potential: NMN has garnered attention for its potential anti-aging effects. By supporting NAD+ levels, it may promote cellular repair, enhance metabolism, and mitigate age-related health issues.
Mitochondrial Health: Mitochondria, the energy powerhouses of cells, benefit from NMN's effects. Improved mitochondrial function can lead to increased energy levels and overall well-being.
Metabolic Health: NMN's influence on metabolism may offer benefits for those seeking to manage weight and enhance metabolic health.
Scientific Frontier: Scientists are actively exploring NMN's potential applications in addressing a wide range of age-related conditions, making it a prominent subject of research and innovation.
Elevate Your Well-Being: Understanding the significance and potential of β-Nicotinamide Mononucleotide (NMN), CAS 1094-61-7, underscores its importance in the fields of longevity research, anti-aging solutions, and metabolic health.
Whether you're a researcher delving into the science of aging, a health enthusiast looking for ways to enhance well-being, or someone curious about the pursuit of a longer and healthier life, unveiling the potential of NMN offers profound insights into its role in the quest for the fountain of youth.
Your journey to discover the significance of this molecule, from its impact on cellular energy to its applications in anti-aging and metabolic health, begins here. Delve into its uses to gain a deeper understanding of its pivotal place in advancing scientific knowledge and improving the quality of life. Unleash the full potential of your knowledge and embrace the possibilities of a healthier, more vibrant future.

Application

β-Nicotinamide mononucleotide (β-NMN), with the CAS number 1094-61-7, is a nucleotide derivative of niacin (vitamin B3). It is involved in various biological processes and has gained attention for its potential health benefits. Here are some of the reported usages of β-Nicotinamide mononucleotide:
NAD+ Precursor: β-Nicotinamide mononucleotide is a precursor to nicotinamide adenine dinucleotide (NAD+), a coenzyme involved in several cellular processes. NAD+ plays a crucial role in energy metabolism, DNA repair, and gene expression. β-NMN is believed to be converted into NAD+ in the body, thus supporting NAD+ levels.
Anti-aging: NAD+ levels naturally decline with age, and this decline has been associated with various age-related conditions. Some researchers suggest that supplementing with β-Nicotinamide mononucleotide may help increase NAD+ levels, potentially supporting healthy aging and age-related cellular functions.
Energy metabolism: NAD+ is involved in energy production within cells, particularly through its role in mitochondrial function. By promoting NAD+ levels, β-Nicotinamide mononucleotide may enhance cellular energy production and metabolism.
Cellular health and DNA repair: NAD+ is required for DNA repair processes, which help maintain the integrity and stability of the genome. By supporting NAD+ levels, β-Nicotinamide mononucleotide may contribute to DNA repair mechanisms and overall cellular health.
It's important to note that while β-Nicotinamide mononucleotide has shown promise in preclinical studies and has gained attention as a potential anti-aging compound, further research is needed to understand its effects, safety, and efficacy in humans. If you are considering using β-Nicotinamide mononucleotide as a dietary supplement, it is advisable to consult with a healthcare professional or a registered dietitian to discuss potential benefits, risks, and appropriate dosage.

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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