

## High Purity CAS 1094-61-7 $\beta$ -Nicotinamide Mononucleotide White Powder In Stock

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-CAS 1094-61-7
- 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:  $\beta$ -Nicotinamide Mononucleotide
- CAS NO: 1094-61-7
- Purity: 99%
- Shelf Life: 2 Years
- Highlight: 99%  $\beta$ -Nicotinamide Mononucleotide, 1094-61-7 Anti Aging Ingredients



## Product Description

### Specifications

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 <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>8</sub> P
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), with the CAS number 1094-61-7, is a nucleotide derivative that has gained attention for its potential health benefits and applications.

NMN is a precursor to Nicotinamide adenine dinucleotide (NAD<sup>+</sup>), a coenzyme involved in various cellular processes. It is believed to play a role in energy production, DNA repair, and metabolism regulation.

Research suggests that NMN may have potential uses in anti-aging research, as it has been studied for its ability to support healthy aging and counteract age-associated decline. NMN has also been investigated for its potential benefits in metabolic health, including regulating glucose metabolism, improving insulin sensitivity, and addressing metabolic disorders.

Additionally, NMN may be associated with neuroprotective properties, potentially supporting neuronal health and mitigating the risk of neurodegenerative diseases. Some studies have explored NMN's impact on exercise capacity and endurance, indicating potential performance-enhancing effects.

### Application

β-Nicotinamide Mononucleotide (NMN), with the CAS number 1094-61-7, is a nucleotide derivative that has gained attention in the scientific community for its potential health benefits.

- 1. Anti-Aging Research:** β-Nicotinamide Mononucleotide has been studied as a potential anti-aging compound. It is believed to enhance cellular energy production and support various biological processes, such as DNA repair and metabolism. Research suggests that NMN may help counteract age-associated decline and promote healthy aging.
- 2. Metabolic Health:** NMN has shown promise in promoting metabolic health by improving insulin sensitivity, enhancing glucose metabolism, and regulating energy expenditure. It has been studied in the context of age-related metabolic disorders, such as obesity, diabetes, and insulin resistance.
- 3. Sirtuin Activation:** NMN is a precursor to Nicotinamide adenine dinucleotide (NAD<sup>+</sup>), a coenzyme involved in various cellular processes, including sirtuin activation. Sirtuins are a class of proteins associated with cellular stress resistance and longevity. By increasing NAD<sup>+</sup> levels, NMN may potentially activate sirtuins and support cellular health.
- 4. Neuroprotection:** Some studies have suggested that NMN might have neuroprotective properties. It may help protect against neurodegenerative diseases by supporting mitochondrial function, enhancing neuronal signaling, and reducing oxidative stress.
- 5. Exercise Performance:** Preliminary research has explored the possible performance-enhancing effects of NMN. It may promote exercise capacity by improving mitochondrial function and endurance.

### 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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