

98%+ Pure Nad+ Lyophilized Powder 53-84-9 500/750/1000mg With Safe Shipping

Basic Information

Place of Origin: China
Brand Name: Hongbaiyi
Certification: COA, HPLC MR
Model Number: HBY-NAD+
Minimum Order Quantity: 5 boxes
Price: Negotiable

• Packaging Details: 500mg per vial or Customized specification is

accepted

Delivery Time: 3-5 work days after your payment
 Payment Terms: MoneyGram, Western Union, T/T

• Supply Ability: 20,000 boxes /month



Product Specification

Full Name: Nicotinamide Adenine Dinucleotide (oxidized

Form)

ullet Synonyms: NAD+, β -Nicotinamide Adenine Dinucleotide,

Oxidized NAD, Diphosphopyridine Nucleotide (DPN), Coenzyme I

Molecular Formula: C21H27N7O14P2

Molecular Weight: 663.43
CAS Number: 53-84-9
Storage Conditions: - 20 °C

• Size: 500mg, 750mg, 1000mg

• Solubility: Insoluble In Most Organic Solvents



More Images







Product Description

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Products Description

Molecular formula:	C21H27N7O14P2
Molecular weight:	663.43
Purity:	99%+
Synonyms	nadide NAD+ 53-84-9 coenzyme I beta-NAD
	Energy Production Addiction Recovery Cognitive Function Metabolism Pain Management Mental Health Heart Health Neurodegeneration Metabolic Disorders DNA Repair

NAD+ Research

Nicotinamide adenine dinucleotide (NAD+) is an essential coenzyme involved in a variety of cellular processes, including energy metabolism, DNA repair, and cell signaling. NAD+ levels naturally decline with age, leading to age-related pathophysiological phenomena. Studies have shown that increasing NAD+ levels can have beneficial effects on metabolic disorders such as type 2 diabetes, metabolic syndrome, and NAFLD.

NAD+ and Anti-Aging Effects

NAD+ levels decline with age, and this decline is thought to contribute to the onset of several age-related diseases such as cancer, diabetes, cardiovascular disease, and neurodegenerative diseases.

Recent studies have shown that increasing NAD+ levels reduces oxidative cell damage in catabolic tissues, including the brain, and promotes healthy aging. It was found that interventions increasing NAD+ levels (e.g., NAD+ precursors and CD38 inhibitors) resulted in profound changes in aging mice, including the reversal of certain aspects of aging.

NAD+ enhancers such as nicotinamide mononucleotide (NMN) and nicotinamide ribonucleotide (NR) have shown potential in affecting a variety of diseases and conditions, including metabolic syndrome, type 2 diabetes mellitus, cancer, cardiovascular disease, and neurodegeneration. In aged mice, NMN treatment has been shown to improve vascular function and reduce age-related changes in gene expression.

NAD+ and Energy Generation

NAD+ plays a vital role in glycolysis and the citric acid (TCA) cycle by accepting hydride equivalents to form NADH during adenosine triphosphate (ATP) production NADH is one of the central electron donors in mitochondrial oxidative phosphorylation, providing electrons for the electron transport chain (ETC) to produce most of the ATP These reactions meet the high energy demands of cells (primarily neurons), which are mainly derived from glucose metabolism under physiological conditions. (These reactions satisfy the high energy demands of cells, especially neurons, which under physiological conditions are primarily metabolized from glucose.

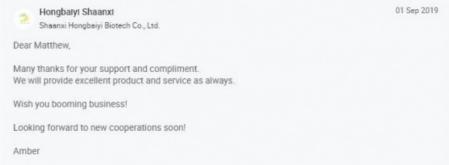
A study of brain NAD levels found that brain NAD levels and NAD+/NADH redox ratios were positively correlated with ATP levels and energy production rates, respectively. In addition, the study identified a metabolic network linking NAD to membrane

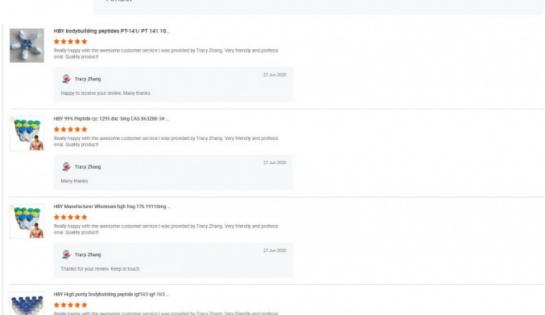
phospholipid metabolism, energy production, and aging. These findings suggest that NAD+ plays a critical role in maintaining energy homeostasis and supporting cellular function.

Product Images









Q1: Can I get some samples?

A: Yes, we can provide samples. However, customers must bear the shipping cost.

Q2: How to pay?

A: We accept various payment methods, including T/T and other options.

Q 3: What is your MOQ (Minimum Order Quantity)?

A: Our standard MOQ is 5kits. However, smaller quantities, such as 100 grams, can be arranged for a corresponding sample fee.

Q 4: What is the shipping time?

A: Orders are usually shipped within 3-7 days with a tracking number. Delivery times vary by destination. Please get in touch with us for details.



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