

High Purity Nadph Tetrasodium Salt CAS 2646-71-1 β -Nicotinamide Adenine Dinucleotide

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-2646-71-1
- 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: NADPH, Tetrasodium Salt
- CAS NO: 2646-71-1
- Purity: 99%
- Shelf Life: 2 Years



Product Description**Specifications:**

Product Name:	NADPH, Tetrasodium Salt
Synonyms:	BETA-TRIPHOSPHOPYRIDINE NUCLEOTIDE TETRASODIUM SALT;REDUCED FORM;BETA-TRIPHOSPHOPYRIDINE NUCLEOTIDE, SODIUM, REDUCED FORM;BETA-NADPH;Dihydronicotinamide Adenine Dinucleotide Pphosphate Tetrasodium Salt;dihydronicotinamide-adenine dinucleotide phosphate tetrasodium;TRIPHOSPYRIDINE NUCLEOTIDE, REDUCED FORM TETRASODIUM SALT;TRIPHOSPHOPYRIDINE NUCLEOTIDE, REDUCED FORM, TETRASODIUM;TRIPHOSPHOPYRIDINE NUCLEOTIDE, REDUCED FORM TETRASODIUM SALT
CAS:	2646-71-1
MF:	C ₂₁ H ₃₁ N ₇ NaO ₁₇ P ₃
MW:	769.42
EINECS:	220-163-3
Melting point	>250°C (dec.)
storage temp.	Keep in dark place,Inert atmosphere,Store in freezer, under -20°C
solubility	10 mM NaOH: soluble50mg/mL, clear
form	Powder
color	White to Off-white

Description:

CAS 2646-71-1, NADPH, tetrasodium salt is a coenzyme derivative of nicotinamide adenine dinucleotide phosphate (NADPH), which plays a vital role in cellular metabolism and redox reactions. It is a key reducing agent in cells that regulates various biochemical processes, including amino acid biosynthesis, fatty acid synthesis, and detoxification reactions. Below is a detailed product description for CAS 2646-71-1, NADPH, tetrasodium salt, a remarkable molecule with a variety of applications:

CAS 2646-71-1, NADPH, tetrasodium salt is a white to off-white powder with a molecular formula of C₂₁H₂₉N₇Na₄O₁₄P₂ and a molecular weight of 665.493. Very soluble in water and polar organic solvents, and has good stability under environmental conditions.

NADPH is an essential cofactor in cells and participates in a variety of redox reactions and biosynthetic reactions. It acts as a reducing agent for glutathione reductase, an enzyme involved in antioxidant defense mechanisms that protect cells from oxidative damage. NADPH also plays a role in the biosynthesis of fatty acids and amino acids, as well as in detoxification reactions.

Application:

CAS 2646-71-1, NADPH, tetrasodium salt, a vital coenzyme in cellular metabolism and redox reactions, with multiple applications in different fields. Here are some specific applications of CAS 2646-71-1, NADPH, tetrasodium salt:

- Biochemical Research:** CAS 2646-71-1, NADPH, tetrasodium salts are key reducing agents in cells and regulate a variety of biochemical reactions, making them valuable research tools for biochemical and biophysical studies. It is used to study redox reactions, metabolite biosynthesis, and other aspects of cellular metabolism.
- Drug Development:** NADPH analogues, including CAS 2646-71-1, are being developed as potential drugs for the treatment of various diseases. They can act as agonists or antagonists at NADPH receptors and are being tested for their ability to treat diseases such as cancer, neurodegenerative diseases and diabetes.
- Nutritional supplements:** CAS 2646-71-1, NADPH, tetrasodium salt are considered "high energy" food supplements and can provide the body with extra energy. It is added to a variety of nutritional supplements and performance formulas to enhance physical performance and endurance.
- Skin Care:** NADPH analogues are used as anti-aging agents in cosmetic formulations to improve skin tone, texture, and elasticity. They can help activate the skin's antioxidant system, reduce oxidative stress and promote the skin's natural repair process.
- Water treatment:** CAS 2646-71-1, NADPH, tetrasodium salt are added to the water treatment process as coagulants to remove suspended particles and impurities. It helps settle particles and improves water clarity and quality.

Advantage:

- 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.
- If you have any questions, don't hesitate to ask them; we'll get back to you within 48 hours.
- 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.



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