

Cosmetic Peptide Water Oxidation Resistance Carnosine CAS 305-84-0 Powder

Our Product Introduction

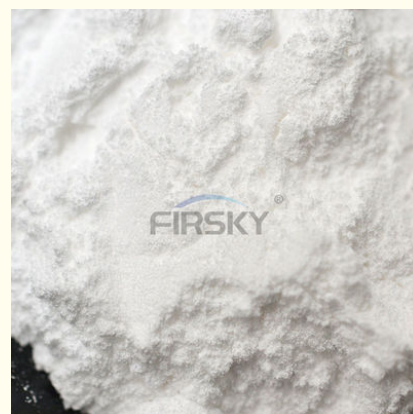
Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-305-84-0
- 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: L-Carnosine
- CAS NO: 305-84-0
- Purity: 99%
- Shelf Life: 2 Years



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Product Description**Specifications:**

Chemical Name	L-Carnosine
Synonyms	N-(β-Alanyl)-L-histidine; NSC 524045; Sevitin; β-Alanyl-L-histidine; β-Alanylhistidine; Carnosine; 2: PN: WO2009033754 PAGE: 98 Claimed Protein; Dragosine; Ignotin; Ignotine; Karnozin; β-Alanyl-L-histidine
CAS Number	305-84-0
Molecular Formula	C ₉ H ₁₄ N ₄ O ₃
Appearance	White to Off-White Solid
Melting Point	>218°C (dec.)
Molecular Weight	226.23
Storage	-20°C
Solubility	DMSO (Very Slightly), Water (Slightly)
Category	Standards; Amino Acids; Pharmaceutical/API Drug Impurities/Metabolites;
Applications	L-Carnosine is a naturally-occurring histidine-containing compound and the biological role of this dipeptide is to act as cytosolic buffering agents. Other roles ascribed to L-Carnosine include actions as neurotransmitters, modulation of enzymic activities and chelation of heavy metals.

Description:

L-Carnosine, CAS 305-84-0, is a naturally occurring dipeptide composed of L-histidine and beta-alanine. It plays a vital role in cellular energy metabolism and acts as a powerful antioxidant in various tissues. L-Carnosine has a wide range of applications in medicine, health and nutrition, making it a popular ingredient in a variety of products. Below is a detailed product description of L-carnosine, a remarkable molecule with numerous applications:

L-Carnosine is a water-soluble white to light yellow powder with a molecular formula of C₆H₁₄N₄O₂ and a molecular weight of 163.210. It is highly stable under normal temperature and pH conditions and has good solubility in water and polar organic solvents.

L-Carnosine performs several important functions in the body. It serves as a Krebs cycle intermediate and is involved in mitochondrial energy production and metabolism. It also has powerful antioxidant effects, protecting cells from oxidative damage caused by reactive oxygen species (ROS). L-Carnosine has anti-inflammatory properties that may help reduce the risk of chronic diseases such as diabetes, atherosclerosis, and Alzheimer's disease.

We use advanced manufacturing technology to exclusively produce high purity L-Carnosine CAS 305-84-0. Our products have good solubility and bioavailability and are suitable for use in a variety of pharmaceutical, cosmetic and nutraceutical formulations.

Application:

L-carnosine, CAS 305-84-0, is a dipeptide composed of L-histidine and beta-alanine. It has a variety of physiological functions and is well suited for applications in medicine, health and nutrition. Here are some specific applications of L-carnosine:

- 1. Antioxidant properties:** L-Carnosine is a potent antioxidant that can scavenge reactive oxygen species (ROS) and prevent oxidative damage to cells. It protects cells from oxidative stress, which is associated with a variety of diseases, including diabetes, atherosclerosis, Alzheimer's disease and aging.
- 2. Anti-inflammatory properties:** L-Carnosine has anti-inflammatory properties that help reduce inflammation and the risk of chronic diseases. It inhibits inflammatory cytokines and prostaglandins, thereby reducing pain and swelling.
- 3. Energy metabolism:** L-carnosine plays a role in mitochondrial energy production and participates in the Krebs cycle and mitochondrial respiration. It acts as a carrier for amino nitrogen and amine moieties, transferring amino groups between tissues.
- 4. Vision health:** L-carnosine is found in high amounts in the lens of the eye and is thought to prevent cataracts and other eye diseases. It chelates transition metals, scavenges free radicals, and acts as a reducing agent to maintain lens clarity.
- 5. Sports Nutrition:** L-carnosine is a popular ingredient in sports nutrition supplements because of its ability to improve athletic performance and delay fatigue. It buffers pH changes in muscle cells during exercise, preventing muscle cramps and damage.
- 6. Cosmetics:** L-Carnosine is used in cosmetics, including creams, lotions, serums and masks, to improve skin health and appearance. It acts as a moisturizer and anti-aging agent, promoting skin elasticity and reducing fine lines and wrinkles.
- 7. Gastrointestinal health:** L-carnosine is present in high concentrations in the stomach and intestines and plays an important role in gastrointestinal health. It prevents ulcer formation and promotes ulcer healing by stimulating mucosal cell growth and repair.
- 8. Cardiovascular Health:** L-Carnosine has been shown to lower blood pressure and improve cardiovascular health by reducing oxidative stress, enhancing endothelial function, and chelating cholesterol.

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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