

CAS 305-84-0 L Carnosine Powder Very Slightly DMSO Solubility

Basic Information

- Place of Origin: China
- Brand Name: FIRSKY
- Model Number: 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
- Molecular Formula: $C_9H_{14}N_4O_3$
- Molecular Weight: 226.23
- Formulation: Cream
- Shelf Life: 3 Years
- Highlight: 305-84-0 L Carnosine Powder, L Carnosine Powder DMSO



Product Description

L-Carnosine CAS 305-84-0

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: Unleashing the Power of Cellular Health

Embark on a journey to explore the incredible significance of L-Carnosine, CAS 305-84-0, a versatile compound renowned for its role in cellular health and overall well-being.

Cellular Protection: L-Carnosine is a potent antioxidant that shields cells from oxidative damage. It helps neutralize harmful free radicals, reducing the risk of cellular aging and damage.

Muscle Function: This compound is found abundantly in muscles and has been linked to enhanced muscle function. Athletes and fitness enthusiasts often use it to support physical performance and recovery.

Brain Health: L-Carnosine is also believed to have a positive impact on brain health. It may support cognitive function and help protect against neurodegenerative conditions.

Aging Gracefully: As an anti-aging supplement, L-Carnosine has gained popularity for its potential to promote longevity and maintain youthful cellular function.

Biomedical Applications: Researchers have explored L-Carnosine for various biomedical applications, from eye health to wound healing, highlighting its versatility in promoting well-being.

Elevate Your Well-Being: Understanding the significance of L-Carnosine, CAS 305-84-0, underscores its importance in the fields of cellular biology, sports nutrition, and aging research.

Whether you're an athlete looking to optimize performance, a researcher unraveling the mysteries of cellular health, or someone passionate about longevity and well-being, unveiling the potential of L-Carnosine offers profound insights into its role in enhancing the quality of life.

Your journey to discover the significance of this compound, from its cellular protective properties to its diverse applications in health and longevity, begins here. Delve into its uses to gain a deeper understanding of its vital place in advancing scientific knowledge and promoting human well-being. Unleash the full potential of your knowledge and commitment to a healthier life.

Application

L-Carnosine, with the CAS number 305-84-0, is a naturally occurring dipeptide composed of the amino acids beta-alanine and histidine. It is found in high concentrations in tissues such as muscles, brain, and kidneys.

L-Carnosine has been studied for various potential uses and benefits. Some of its common usages include:

Antioxidant: L-Carnosine has antioxidant properties, meaning it can help neutralize harmful free radicals in the body. This antioxidant activity may help protect cells from oxidative stress and damage.

Anti-aging: L-Carnosine has been suggested to have anti-aging effects. It may help reduce the accumulation of advanced glycation end products (AGEs), which are associated with age-related conditions. By reducing AGEs, L-Carnosine may help support healthy aging.

Neuroprotective effects: Research suggests that L-Carnosine may have neuroprotective properties. It has been studied for its potential role in supporting brain health, improving cognitive function, and protecting against neurodegenerative diseases.

Sports performance and muscle recovery: L-Carnosine has been investigated for its potential benefits in sports performance and muscle recovery. It may help reduce muscle fatigue and improve exercise capacity. Some athletes and bodybuilders use L-Carnosine as a dietary supplement to support their training and recovery.

Eye health: L-Carnosine has been studied for its potential role in supporting eye health. It may help protect against oxidative damage and support the health of the lens and retina.

It's important to note that while L-Carnosine has shown promise in various areas, further research is needed to fully understand its benefits and mechanisms of action. If you are considering using L-Carnosine as a dietary supplement, it is advisable to consult with a healthcare professional or a registered dietitian to determine the appropriate dosage and discuss potential interactions with any medications you may be taking.

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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