

Ectoine CAS 96702-03-3 remarkable skincare and cosmetic benefits

Our Product Introduction

for more products please visit us on firskytech.com

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-CAS 96702-03-3
- 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: 7-15 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



Product Specification

- Shelf Life: 2 Years
- Product Name: Ectoine
- CAS NO: 96702-03-3
- Purity: 99%



Product Description

Product Description

Product Name:	Ectoine
Synonyms:	ECTOINE;Pyrostatine B;(4S)-2-Methyl-1,4,5,6-tetrahydro-4-pyrimidinecarboxylic acid; 4-Pyrimidinecarboxylic acid, 3,4,5,6-tetrahydro-2-methyl-, (4S)-; Ectoine sodium salt monohydrate;ectoine zwitterion; ronacare 2-METHYL-1,4,5,6-TETRAHYDROPYRIMIDINE-4-CARBOXYLIC ACID;ECTOIN;
CAS NO:	96702-03-3
EINECS:	431-910-1
Molecular Formula:	C6H10N2O2
Molecular Weight:	142.16
Melting Point:	~280°
Boiling Point:	381.5±35.0 °C(Predicted)
Density:	1.37
Appearance:	White powder
Storage:	Sealed in dry,2-8°C
Solubility:	methanol: 20 mg/mL, clear, colorless

Description

Welcome to discover the exceptional benefits of our premium-grade Ectoine (CAS 96702-03-3). With its unique properties and versatile applications, our Ectoine product stands at the forefront of innovation and reliability. Ectoine is a natural compound that has gained significant recognition for its remarkable skincare and cosmetic benefits. As a powerful moisturizer and protective agent, Ectoine enhances skin hydration, reduces the appearance of wrinkles, and shields the skin from environmental stressors. Its inclusion in creams, lotions, serums, and anti-aging formulations ensures optimal skincare results and promotes a youthful complexion. In addition to skincare, Ectoine finds extensive usage in personal care products such as shampoos, conditioners, and body washes. It effectively improves moisture retention, alleviates dryness, and enhances overall hair and scalp health.

Ectoine's impressive properties extend to sun care products as well. It acts as a natural sunscreen agent, safeguarding the skin against harmful UV radiation. By absorbing and dissipating UV rays, Ectoine prevents sunburn and protects the skin from sun-induced damage.

Furthermore, Ectoine plays a crucial role in wound healing and dermatological treatments. Its unique attributes accelerate the healing process, reduce inflammation, and promote tissue regeneration. Ectoine is widely utilized in ointments, gels, and wound dressings to enhance wound recovery and support dermatological therapies.

Beyond skincare and healthcare, Ectoine finds applications in biotechnology and life sciences. It serves as a stabilizing agent for enzymes, proteins, and other biomolecules, preserving their activity and functionality.

Ectoine's use in cell culture media enhances cell viability and productivity by providing osmoprotection.

In the realm of environmental and industrial applications, Ectoine exhibits potential in protecting organisms from extreme conditions such as high salinity, temperature, and desiccation. Its promising features are being explored for use in agriculture, aquaculture, and as a biostabilizer for industrial processes.

Application

Ectoine (CAS 96702-03-3) is a natural compound that has gained recognition for its unique properties and various applications. Here are some common usages of Ectoine:

Skincare and Cosmetics: Ectoine is widely used in skincare and cosmetic products due to its exceptional moisturizing and protective properties. It helps to improve skin hydration, reduce the appearance of wrinkles, and protect the skin from environmental stressors. Ectoine is often incorporated into creams, lotions, serums, and anti-aging formulations.

Personal Care Products: Ectoine is also used in various personal care products such as shampoos, conditioners, and body washes. It helps to improve the moisture retention of the hair and scalp, reducing dryness and improving the overall health of the hair.

Sunscreen and Sun Care: Ectoine has been recognized for its ability to protect the skin from the damaging effects of UV radiation. It can be found in sunscreen formulations, where it acts as a natural sunscreen agent, absorbing and dissipating UV rays to prevent sunburn and other sun-related damage.

Wound Healing and Dermatological Treatments: Ectoine's unique properties make it beneficial for wound healing and dermatological treatments. It can be used in ointments, gels, and wound dressings to accelerate the healing process, reduce inflammation, and promote tissue regeneration.

Biotechnology and Life Sciences: Ectoine has applications in biotechnology and life sciences. It is used as a stabilizing agent for enzymes, proteins, and other biomolecules, protecting them from denaturation and maintaining their activity and functionality. Ectoine is also used in cell culture media to provide osmoprotection and enhance cell viability and productivity.

Environmental and Industrial Applications: Ectoine has been explored for its potential in various environmental and industrial applications. It has shown promise in protecting organisms from extreme conditions such as high salinity, temperature, and desiccation. Ectoine is being studied for its use in agriculture, aquaculture, and as a biostabilizer for industrial processes.

It's important to note that specific usages, concentrations, and regulatory guidelines may vary depending on the industry and application. It is advisable to consult with industry experts, regulatory authorities, and relevant

scientific literature for precise recommendations and guidelines based on your specific requirements.

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.



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