High Quality Cosmetic Grade 99% PRO-Xylane Powder CAS 439685-79-7

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-439685-79-7
- 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: Pro-xylane
- CAS NO: 439685-79-7
- Purity: 99%
- Shelf Life: 2 Years

Specifications:

Product Name:	Pro-xylane
Synonyms:	(2S,3R,4S,5R)-2-(2-hydroxypropyl)oxane-3,4,5-triol;Nano liposomal hydroxypripyl tetrahydropyrantriol;Retinol Pro+Pro-xylane;Pro-Xylane,Puri-Xylane;HYDROXYPROPYL TETRAHYDROPYRANTRIOL;Puri-Xylane;Nano Liposomal HYDROXYPROPYL TETRAHYDROPYRANTRIOL;Tetrahydropyrantriol
CAS:	439685-79-7
MF:	C8H16O5
MW:	192.21
EINECS:	456-880-5
Boiling point	376.0±42.0 °C(Predicted)
density	1.368±0.06 g/cm3(Predicted)
vapor pressure	0Pa at 25
storage temp.	Store at -20°C
color	White powder

Description:

Pro-xylane, CAS 439685-79-7, is a unique biocompatible polymer with numerous advantages in a variety of applications. The polymer is designed to degrade under physiological conditions and release active agents over time, making it an excellent choice for drug delivery and medical device coatings. Below is a detailed product description of proxylan, a remarkable molecule with numerous applications:

Pro-xylane is a water-soluble linear polymer with a backbone of xylose units. The polymer is synthesized using the renewable resource xylose, which makes it biocompatible and suitable for use in medical applications. Soluble in water and common organic solvents such as ethanol and acetone, it has good stability under environmental conditions.

Pro-xylane is designed for sustained drug delivery, providing controlled release of active drugs over an extended period of time. The polymer can be formulated with a range of drugs, including small molecules, peptides and proteins. The drug is encapsulated within a protoxylan matrix that degrades under physiological conditions, releasing the drug over time.

In addition to drug delivery, proxylan can also be used as a coating material for medical devices. It provides lubricating properties to the device, reducing friction and insertion forces. Coatings can be formulated to release drugs or biologics to provide localized therapeutic effects directly at the implant site.

Pro-xylane also has potential applications in cosmetics and personal care products. It can be used as a film-forming agent in creams and lotions to enhance skin hydration and provide elasticity. The polymer can also be formulated as a conditioner to improve hair texture and manageability.

Application:

Pro-xylane, CAS 439685-79-7, is a unique biocompatible polymer that degrades under physiological conditions, releasing active agents over time. It is used in a variety of applications including drug delivery, medical device coatings, cosmetics and personal care products.

1. Drug delivery system: Proxylan is used as a matrix for sustained drug delivery. It can encapsulate a range of drugs, including small molecules, peptides and proteins, and release them over an extended period of time. The drug is encapsulated in a protoxylan matrix and degrades under physiological conditions, gradually releasing the drug. This property makes proxylan an excellent carrier for local and systemic drug delivery.

2. Medical device coating: Pro-xylane can be used as a coating material for medical devices to provide lubrication properties and reduce insertion force. It can also be formulated to release drugs or biologics directly at the implant site to achieve local therapeutic effects. Coatings made from proxylan can improve the performance and functionality of medical devices and increase patient comfort and outcomes.

3. Cosmetics and personal care products: Pro-xylane has potential applications in cosmetics and personal care products. It can be used as a film-forming agent in creams and lotions to enhance skin hydration and elasticity. It can also be formulated as a conditioner to improve hair texture and manageability. In addition, proxylan is a key ingredient in some cosmetics. As a bioactive ingredient, it promotes dermal fibroblast activity and collagen production, thereby achieving anti-aging effects.

4. Biomaterials: Protoxylan is also used as a biomaterial for tissue engineering and regenerative medicine applications. It provides a biocompatible and biodegradable platform for cell growth and proliferation, making it suitable for wound healing, tissue reconstruction and other tissue engineering applications.

In summary, Pro-xylane CAS 439685-79-7 is a unique biocompatible polymer with diverse applications in drug delivery, medical device coatings, cosmetics, personal care products, and biomaterials. It provides sustained drug release, improved lubricity and reduced insertion force, enhanced skin hydration and elasticity, improved hair condition, and supports tissue growth and regeneration.

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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