

CAS 9005-80-5 Inulin Chicory Root Extract C18H32O16 Digestive Health

Basic Information

- Place of Origin: China
- Brand Name: FIRSKY
- Model Number: 9005-80-5
- 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: INULIN
- CAS NO: 9005-80-5
- Molecular Formula: C18H32O16
- Molecular Weight: 504.43708
- Highlight: 9005-80-5 Inulin Chicory Root Extract, Inulin Chicory Root Extract C18H32O16, 9005-80-5 inulin extract

Product Description

INULIN CAS 9005-80-5

Description

Inulin is a type of dietary fiber that belongs to a class of carbohydrates known as fructans. It is found in many plants, including chicory root, Jerusalem artichoke, dandelion root, and agave. Inulin is not digested or absorbed in the small intestine like other carbohydrates. Instead, it passes through the digestive system intact and reaches the colon, where it serves as a prebiotic, providing nourishment to beneficial gut bacteria.

Application

1. Prebiotic Effects: Inulin acts as a prebiotic, meaning it stimulates the growth and activity of beneficial bacteria in the colon, such as Bifidobacteria and Lactobacilli. These bacteria play a crucial role in maintaining a healthy gut microbiota, supporting digestion, and promoting overall gut health. 2. Digestive Health: Inulin has been associated with various digestive health benefits. It may help improve bowel regularity and alleviate symptoms of constipation. Additionally, by promoting the growth of beneficial gut bacteria, it may contribute to a healthy gut environment and support optimal digestion. 3. Blood Sugar Control: Inulin has shown potential in helping to regulate blood sugar levels. It may slow down the digestion and absorption of carbohydrates, leading to a more gradual release of glucose into the bloodstream. This can help stabilize blood sugar levels and improve insulin sensitivity. 4. Weight Management: Inulin may have an impact on weight management. As a dietary fiber, it provides bulk and promotes feelings of fullness, which can help control appetite and reduce calorie intake. Additionally, by influencing gut bacteria composition, it may affect energy metabolism and weight regulation. 5. Bone Health: Some research suggests that inulin may have beneficial effects on bone health. It has been associated with increased calcium absorption, which may contribute to improved bone mineral density and reduced risk of osteoporosis. 6. Nutritional Benefits: Inulin is a low-calorie carbohydrate that adds dietary fiber to the diet without significantly contributing to caloric intake. It is often used as a functional ingredient in food products to increase fiber content and improve texture and mouthfeel. Inulin is available as a dietary supplement and is also used as an ingredient in various food products, such as yogurt, cereal bars, and beverages, to enhance their fiber content. However, individual tolerance to inulin may vary, and some individuals may experience digestive discomfort, such as gas and bloating, when consuming large amounts. It is advisable to start with smaller doses and gradually increase intake to assess personal tolerance. If considering inulin supplementation or consuming products containing inulin, it is recommended to consult with a healthcare professional or registered dietitian, especially if you have underlying health conditions or are taking other medications. They can provide personalized advice based on your specific circumstances.

Advantage

1. Firsky (Wuhan) keeps working to provide customers with high-quality products steadily. We have established a sound internal quality management system and are constantly striving to improve quality, reduce deviation and waste.
2. If you have any questions, please feel free to ask questions, we will reply to your questions within 48 hours.
3. If you have any questions after receiving the goods, please feel free to contact us. If the loss is caused by us, we guarantee 100% compensation.



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