

Sophora Fruit Extract Genistein 99% Powder CAS 446-72-0

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-1009-14-9
- 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: Genistein
- CAS NO: 446-72-0
- Purity: 99%
- Shelf Life: 2 Years



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Product Description**Specifications:**

Product Name:	Genistein
Synonyms:	4',5,7-trihydroxy-isoflavon;prunetol;sophoricol;4',5,7- TRIHYDROXYISOFLAVONE;5,7,4'-TRIHYDROXYISOFLAVONE;5,7- DIHYDROXY-3-(4-HYDROXYPHENYL)-4H-1-BENZOPYRAN-4- ONE;5,7-DIHYDROXY-3-(4-HYDROXY-PHENYL)-CHROMEN-4- ONE;AKOS NCG1-0029
CAS:	446-72-0
MF:	C15H10O5
MW:	270.24
EINECS:	207-174-9
Melting point	297-298 °C
Boiling point	333.35°C (rough estimate)
density	1.2319 (rough estimate)
refractive index	1.6000 (estimate)
storage temp.	-20°C
solubility	DMSO: soluble
pka	6.51±0.20(Predicted)
form	powder
color	off-white

Description:

Genistein (CAS 446-72-0) is a natural polyphenolic compound found in many plants, including soybeans. It is a bioactive ingredient with multiple pharmacological properties, including antioxidant, anti-inflammatory, and anticancer activities. Genistein is widely used in nutraceuticals, cosmetics and pharmaceutical industries.

Genistein is a light yellow crystalline powder, insoluble in water, but soluble in organic solvents such as ethanol and acetone. It exerts its pharmacological effects by binding to a variety of receptors and enzymes, including topoisomerase II. Genistein has been shown to have anti-cancer properties by inhibiting the growth of breast cancer cells and other tumor cells.

An important application for genistein is in the nutraceutical industry, where it is marketed as a dietary supplement to support cardiovascular health, lower cholesterol levels and support joint health. Genistein also supports the immune system and healthy aging by maintaining mitochondrial function and DNA methylation.

In the cosmetics industry, genistein is used as a key ingredient in a variety of creams, lotions, and masks to support skin health and appearance. It has been shown to improve skin hydration and elasticity while also protecting against UV damage and premature skin aging. Additionally, cytisin has been shown to have anti-inflammatory properties and is used in some cosmetics to reduce skin inflammation and redness.

Application:

CAS 446-72-0 corresponds to genistein, a naturally occurring isoflavone compound found in various plants, especially soybeans. Genistein has attracted attention for its potential health benefits and has been studied for various applications. Here are some noteworthy applications of genistein:

Dietary supplements: Genistein is commonly used as an ingredient in dietary supplements. It is often touted for its potential health-promoting properties, including its antioxidant and anti-inflammatory effects. Genistein supplements are sometimes taken to support overall health, hormonal balance, and bone health.

Genistein has been studied for its potential benefits in controlling symptoms.

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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