

CAS 14697-46-2 1,2,5-Pentanetriol Colorless Liquid
C5H12O3

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-14697-46-2
- 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: 1,2,5-Pentanetriol
- CAS NO: 14697-46-2
- Purity: 99%
- Shelf Life: 2 Years
- Highlight: CAS 14697-46-2 Raw Cosmetic Ingredients, 1,2,5-Pentanetriol Colorless Liquid



Product Description

Specifications:

Chemical Name	1,2,5-Pentanetriol
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Synonyms	(±)-1,2,5-Pentanetriol; 1,2,5-Trihydroxy Pentane; 1,4,5-Pentanetriol; NSC 44963; Pentan-1,2,5-triol; dl-1,2,5-Pent
CAS Number	14697-46-2
Molecular Formula	C ₅ H ₁₂ O ₃
Appearance	Colourless Thick Oil
Molecular Weight	120.15
Storage	4°C
Solubility	DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)
Category	Building Blocks; Miscellaneous;
Boiling Point	195°C /2.0kPa (TCI)190-191 °C (SciFinder)
Applications	1,2,5-Pentanetriol is used as a modifier in the preparation of polyoxymethylene having excellent impact resistance

Description:

We are a leading supplier of high-quality chemical raw materials, specializing in the distribution of 1,2,5-pentanetriol. Our company is committed to providing reliable, pure 1,2,5-pentanetriol, a versatile compound that can be used in a variety of industries. With its unique properties and wide range of uses, 1,2,5-pentanetriol (CAS 14697-46-2) is a valuable chemical in the pharmaceutical, cosmetic and industrial sectors.

1,2,5-Pentyltriol is a colorless viscous liquid, soluble in water and various organic solvents. The following are the main properties and applications of 1,2,5-pentanetriol:

Pharmaceutical applications: 1,2,5-pentanetriol is widely used in the pharmaceutical industry as an intermediate in the synthesis of various pharmaceutical compounds. It is a basic material for the production of drugs and active pharmaceutical ingredients (APIs). The chemical reactivity and compatibility of 1,2,5-pentanetriol with other compounds make it valuable in drug discovery and development.

Cosmetics and Personal Care: 1,2,5-Pentatriol is used in the cosmetics and personal care industries. It is used as a humectant and emollient in skin care, hair care formulations and cosmetic preparations. 1,2,5-Pentyltriol helps retain moisture, improves skin hydration, and enhances the overall look and feel of cosmetics.

Industrial Applications: 1,2,5-pentanetriol is used in various industrial processes. It is used as a chemical intermediate in the production of polymers, resins and plasticizers. 1,2,5-pentanetriol's chemical reactivity and compatibility with other compounds make it valuable in industrial applications such as coatings, adhesives and sealants.

Solvents and Chemical Reagents: 1,2,5-pentanetriol serves as a solvent and chemical reagent in laboratory settings and research settings. It is used to dissolve and suspend various compounds, facilitate chemical reactions, and perform analytical procedures. The unique properties of 1,2,5-pentanetriol make it a versatile tool in scientific research and experiments.

Specialty chemicals: 1,2,5-pentanetriol is used in the production of specialty chemicals. It is a starting material for the synthesis of compounds used in the manufacture of flavors, fragrances, and other specialty products. 1,2,5-Pentyltriol helps develop innovative and high-quality specialty chemicals.

Application:

CAS number 14697-46-2 corresponds to the compound 1,2,5-pentanetriol. 1,2,5-Pentyltriol is a polyol compound that has applications in various industries. Here are some of its main applications:

- 1. Personal care and cosmetics:** 1,2,5-Pentatriol is used as a moisturizer and conditioner in personal care and cosmetics. It has moisturizing properties, which means it helps attract and retain moisture, keeping skin and hair hydrated. It is commonly found in moisturizers, lotions, face creams and hair care products.
- 2. Pharmaceuticals:** 1,2,5-pentanetriol is used in the pharmaceutical industry as an excipient or additive in pharmaceutical formulations. It can act as a stabilizer, solubilizer, or viscosity modifier in a variety of pharmaceutical formulations, such as oral solutions, syrups, and topical preparations.
- 3. Industrial applications:** 1,2,5-pentanetriol can be used in various industrial applications. It is used as a chemical intermediate in the synthesis of other compounds. It is also used as a solvent or co-solvent in different formulations.
- 4. Research and Development:** 1,2,5-pentanetriol is used in research and development laboratories as a chemical reagent or as a basic material for the synthesis of other compounds. Its versatile properties make it valuable for a variety of experimental purposes.
- 5. Other applications:** 1,2,5-pentanetriol can find applications in other areas, such as food and beverages, where it can be used as a food additive or sweetener. It is also used in the production of polyesters, resins and plasticizers.

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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