



## Medicine Grade 99% Purity Chloramphenic Powder CAS 56-75-7 With Fast Delivery

Our Product Introduction

### Basic Information

- Place of Origin: Hebei, China
- Brand Name: Xinzhou
- Certification: COA, GMP, CQC, SGS
- Model Number: 56-75-7
- Minimum Order Quantity: 100g
- Price: Discuss in detail
- Packaging Details: 1kg/bag
- Delivery Time: within 3 days
- Payment Terms: T/T, Western Union, MoneyGram, telegraphic transfer and bitcoin
- Supply Ability: 500kg/week



### Product Specification

- Cas No.: 56-75-7
- Product Name: Chloramphenic
- MF: C11H12Cl2N2O5
- Purity: 99%
- Grade Standard: Medicine Grade
- Other Names: ,[theta-(theta,theta)]-:[R-(R\*,R\*)]-2,2-dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]ethanamide;2,2-dichloro-n-(2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl)-acetamid;2,2-dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethy
- Sample: Available
- Highlight: **99% Purity Chloramphenic Powder, Medicine Grade Chloramphenic Powder, Organic Intermediates 56-75-7**



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## Product Description

### Medicine Grade Chloramphenic CAS: 56-75-7 With Fast Delivery

Chloramphenic, also known as chlornitromycin, is a broad-spectrum, bacteriostatic antibiotic derived from *Streptomyces venezuelae*. It is first isolated from cultures of *Streptomyces venezuelae* in 1947 but now produced synthetically. The synthetic product is racemic, also called synthomycin. Syntomycin is a mixture of chloramphenic L-isomer and d-isomer. Because of dextroisomer antibacterial effect, the effect of synthomycin is only half of the natural products. It has a relatively simple structure and was the first broad-spectrum antibiotic to be discovered. It is effective against several gram-positive and gram-negative bacteria and commonly used in researching protein synthesis and to select for chloramphenic-resistant transformed cells or the bacterial CAT gene. Chloramphenic is a semisynthetic, broad-spectrum antibiotic derived from *Streptomyces venezuelae* with primarily bacteriostatic activity. Chloramphenic diffuses through the bacterial cell wall and reversibly binds to the bacterial 50S ribosomal subunit. The binding interferes with peptidyl transferase activity, thereby prevents transfer of amino acids to the growing peptide chains and blocks peptide bond formation. As a result bacterial protein synthesis is blocked and impede bacterial cell proliferation. Chloramphenic was originally produced by fermentation of *Streptomyces venezuelae*, but its comparatively simple chemical structure soon resulted in several efficient total chemical syntheses. With two asymmetric centers, it is one of four diastereomers, only one of which (1R,2R) is significantly active. Because total synthesis produces a mixture of all four, the unwanted isomers must be removed before use. Chloramphenic is a neutral substance that is only moderately soluble in water, because both nitrogen atoms are nonbasic under physiologic conditions (one is an amide and the other a nitro moiety). It was the first broad-spectrum oral antibiotic used in the United States and was once very popular. Severe potential blood dyscrasia has greatly decreased its use in North America. Although its cheapness and efficiency makes it still very popular in much of the rest of the world where it can often be purchased over-the-counter without a prescription

Product Name:	Chlorampheni
CAS:	56-75-7
Melting point	148-150 °C(lit.)
Boiling point	644.9±55.0 °C(Predicted)
density	1.6682 (rough estimate)
refractive index	20 ° (C=5, EtOH)
storage temp.	room temp

#### Detailed photo



#### Company Profile

##### Xingtai Xinzhou Technology Co., LTD.

Xingtai Xinzhou Technology Co., Ltd. was established in 2022 with strong research and development capabilities and superb synthesis technology, as well as advanced quality control measures. Effectively promote the joint venture and cooperation with the major enterprises, manufacturers, with the idea of industrial development to serve the society and the majority of users. We always adhere to the market demand as the orientation, constantly synthesizing new high-tech chemical products and medical intermediates, mainly exported to the United States, India, South Africa, Nigeria and other countries and regions, has a wealth of export experience, to ensure transportation safety, can let each customer as soon as possible to safely receive the goods.



## I Packaging

Xingtai Xinzhou Technology Co., Ltd.



Solid

1kg



1kg



25kg



Liquid

1kg



25kg



250kg



✓ 1Z0R947Y0328672000 成功签收 (10 天)	美国 UPS	美国	2023-11-24 16:15 STONE MOUNTAIN, GA, US, Delivered
签收时间: 2023-11-24			
✓ WC316793221GB 成功签收 (13 天)	英国 Royal Mail	英国	2023-11-25 11:13 Forest Hall DO, Delivered to Safeplace by
签收时间: 2023-11-25			
✓ CG160813849DE 成功签收 (14 天)	德国 DHL Paket	奥地利 Austrian Post	2023-11-16 08:35 AT.6850, Item delivered
签收时间: 2023-11-18			
✓ CG160820725DE 成功签收 (11 天)	德国 DHL Paket	法国 La Poste (Colissimo)	2023-11-15 12:16 Votre colis est livré.
签收时间: 2023-11-15			
✓ CG160729355DE 成功签收 (14 天)	德国 DHL Paket	法国 La Poste (Colissimo)	2023-11-15 11:19 Votre colis est livré.

## Certificate

An ISO 9001 & GMP qualified company, we are mainly specialized in producing high quality but low price Pharmaceutical intermediates, APIs and other fine chemicals & cosmetics products which related to human and animals medicines as well as additives in gas & oil field, almost half of the goods are for exporting. What's more, we provide the OEM (customize) manufactures, if you can't find materials from the world, then tell us, we will research and produce in our high-tech equipped laboratory. We are dedicated to satisfying our customers with our products and services



1. We can provide you with ten thousands of products of different levels.

2. We offer convenient one-station purchasing service.

(1) Any inquiries will be replied within 12 hours.

(2) Dedication to quality, supply & service.

(3) Strictly on selecting raw materials.

(4) Reasonable & competitive price, fast lead time.

### FAQ:

Q: How to confirm the product quality before placing an order

1) You can get free samples of some products, just pay the basic fee for us.

2) You can also send us the specifications or your requirements, and we will customize the product for you.

Q: How long is your delivery time

A: Generally 1-3workdays after order confirmed

Q: What is the regular MOQ for your products

A: Our MOQ starts from 1g and generally starts from 10g. For other low value product, our MOQ starts from 100g and 1kg.

Q: How do you treat quality complaint

A: All our products are strictly tested by our QC, and confirmed by QA; unqualified material will not be released to customer. In case any quality problem is confirmed to be caused by us, we will replace the goods or refund your payment immediately.

Q: What's your terms of payment

A: T/T, Western Union, MoneyGram, telegraphic transfer and bitcoin



**Xingtai Xinzhou Technology Co., Ltd**



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