



## CAS 104-15-4 P-Toluenesulfonic Acid TI65 Intermediate In Organic Chemistry

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangzhou, China
- Brand Name: Xinzhou
- Certification: COA,GMP,CQC,SGS
- Model Number: 104-15-4
- Minimum Order Quantity: 1kg
- Price: Negotiate
- Packaging Details: 25KG/drum
- Delivery Time: 1-3 work days
- Payment Terms: T/T advance, Bitcoin ,western union,Bank transfer
- Supply Ability: 500Ton per week



#### Product Specification

- Name: P-Toluenesulfonic Acid
- CAS: 104-15-4
- Molecular Formula: C7H8O3S
- Purity: 99%
- Appearance: Powder
- Color: Clear Colorless To Light Yellow
- Transport Package: Plastic
- Molecular Weight: 172.2
- Melting Point: 106~107
- Storage: Hygroscopic, -20°C Freezer, Under Inert Atmosphere
- Highlight: **chemistry organic intermediates, chemistry chemical intermediates**



## Product Description

### CAS 104-15-4 P-Toluenesulfonic Acid TI65 Intermediate In Organic Chemistry

**p-toluene sulfonic acid** (Its molecular structural formula is  $p\text{-CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{H}$ , also known as TsOH, English name is p-toluene sulfonic acid) referred to as PTS, is a non-oxidizing organic acid, white needle or powder crystals, soluble in water, alcohols, ethers and other polar solvents. Easy deliquescence, easy to make wood, cotton fabric dehydration and carbonization, insoluble in benzene and toluene. generating p-cresol when alkali fusion. Commonly, p-toluenesulfonic acid-monohydrate ( $\text{TsOH}\cdot\text{H}_2\text{O}$ ) or tetrahydrate ( $\text{TsOH}\cdot 4\text{H}_2\text{O}$ ) is preferred. Preparation of methyl p-cresol acid in industry is by using concentrated sulfuric acid on the toluene sulfonation of p-toluenesulfonic acid. The prepared p-toluenesulfonic acid often contains benzene sulfonic acid and sulfuric acid impurities, can be purified in recrystallization of concentrated hydrochloric acid, azeotropic drying. p-toluene sulfonic acid is widely used as catalyst agent in the synthesis of pharmaceuticals, pesticides, polymerization stabilizer and organic synthesis (esters, etc.), paint intermediates and resin curing agent. And it is also the commonly used acid catalyst in organic synthesis. It is neutralized with sodium hydroxide and then obtains sodium p-toluene sulfonate, and react with phosphorus pentachloride, can obtains p-toluenesulfonyl chloride. The latter used in the nucleophilic substitution reaction, also used as alcohol hydroxyl protective group.  $p\text{-CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{Na} + \text{PCl}_5 \rightarrow p\text{-CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{Cl}$ . The use of p-toluenesulfonic acid also catalyzes the protection of dihydrofuran on the alcohol, carboxylic acid esterification, transesterification reaction, making the aldehyde generate acetal.

#### P-Toluenesulfonic Acid Usage:

Used as edible essence, daily chemical essence and pharmaceutical intermediates

#### P-Toluenesulfonic Acid Packaging and Shipping:

25KG/drum

#### P-Toluenesulfonic Acid Storage:

Stored in a dry and ventilated warehouse; keep away from sunshine; avoid fire; avoid moisture.

Product Name	p-Toluenesulfonic acid
Purity	≥99%
Colour	Clear colorless to light yellow
CAS NO.	104-15-4
Molecular Formula	$\text{C}_7\text{H}_8\text{O}_3\text{S}$
Molecular Weight	172.2
Storage	Store in cool and dry places, keep away from strong light.

## Detailed Photos

Xingtai Xinzhou Technology Co., Ltd.





## I Company Profile

Xingtai Xinzhou Technology Co., Ltd.

### **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 Our Advantages

Xingtai Xinzhou Technology Co., Ltd.

### Rich Experience

Our company is a professional production leading factory in China in pharmaceutical area of many years.

### Top Quality

High quality guaranteed, once any problem is found, the package would be reshipped for you.

### Fast Delivery

We have in stock, so we can delivery quickly once payment is received.

### Security Shipping

We guranteed 100% safe shipment by special lines to different cities, and double custom clearance door to door.

### Superior Service

We will give you warm after-sale service,if any question we will reply you within 8 hours.Sample test and OEM/ODM available.

### Competitive Prices

Factory directly supply to clients,lower prices,more competitiveness.

## I Delivery Record

Xingtai Xinzhou Technology Co., Ltd.



CG381599466DE 已 成功签收 (12 天)	德国 — 法国 DHL Parcel — La Poste (Colissimo)	2023-04-01 11:03 France. The shipment has been successfully delivered
签收时间: 2023-04-01		
CG381605995DE 已 成功签收 (12 天)	德国 — 法国 DHL Parcel — La Poste (Colissimo)	2023-03-31 11:47 France. The shipment has been successfully delivered
签收时间: 2023-03-31		
CG381662314DE 已 成功签收 (8 天)	德国 — 法国 DHL Parcel — La Poste (Colissimo)	2023-03-30 08:51 France. The shipment has been successfully delivered
签收时间: 2023-03-30		
1ZDV5970313503602 已 成功签收 (14 天)	美国 — 美国 UPS — 美国	2023-04-11 14:15 RICHLAND HILLS, TX, US. Delivered
签收时间: 2023-04-11		
1ZDV5970333215476 已 成功签收 (14 天)	美国 — 美国 UPS — 美国	2023-04-11 11:14 NOVATO, CA, US. Delivered
签收时间: 2023-04-11		
1Z39F03X0393579668 已 成功签收 (14 天)	美国 — 美国 UPS — 美国	2023-04-11 10:18 FRESNO, CA, US. Delivered
签收时间: 2023-04-11		
3305227791506 已 (4 天)	新西兰 — 未知 New Zealand Post — 未知	2023-03-29 09:53 Wellington-Upper Hutt Depot. Your parcel has been delivered by your local based at Wellington-Upper Hutt Depot. Any questions? Please contact us
03-29		
3305228105807 已 (6 天)	新西兰 — 未知 New Zealand Post — 未知	2023-03-23 16:47 AOC Depot. Your parcel has been delivered by your local courier driver based at AOC Depot. Any questions? Please contact us
03-23		
3305228204357 已 (6 天)	新西兰 — 未知 New Zealand Post — 未知	2023-03-27 12:09 AKL North Shore Fleet. Your parcel has been delivered by your local courier based at AKL North Shore Fleet and signed for by "ACPO48 ATL". Any questions? Please contact us
03-27		
XL961943966GB 已 成功签收 (7 天)	英国 — 英国 Royal Mail — 英国	2023-04-04 09:33 Abergavenny DO. Delivered by
签收时间: 2023-04-04		
XL962237602GB 已 成功签收 (7 天)	英国 — 英国 Royal Mail — 英国	2023-04-05 11:45 Manvers DO. Delivered by
签收时间: 2023-04-05		
XL962237580GB 已 成功签收 (7 天)	英国 — 英国 Royal Mail — 英国	2023-04-05 11:52 Nottingham City DO. Delivered by
签收时间: 2023-04-05		

## I Shipping

Xingtai Xinzhou Technology Co., Ltd.



## I Payment

Xingtai Xinzhou Technology Co., Ltd.



T/T



MoneyGram



## I Certificate

Xingtai Xinzhou Technology Co., Ltd.



## FAQ

**Q1: Are you a manufacturer or trading company?**

We are manufacturer, welcome to visit us.

**Q2: How to confirm the product quality before placing the order?**

Sample could be provided, and we have the inspection report issued by an authoritative third-party testing agency.

**Q3: What's your MOQ?**

It depends on different products, we can accept sample order or provide sample for your test.

**Q4: How about delivery time / method?**

We usually ship within 1-3 working days after your payment. We can ship by door-to-door courier, air, sea, you also can choose your forwarder shipping agent.

**Q5: Do you provide after sales service?**

provide 24\*7 service. We can talk by email, skype, whatsapp, phone or whatever you feel convenient.

**Q6: How to solve the after-sale disputes?**

We accept Changing or Refunding service if any quality problem.



**Xingtai Xinzhou Technology Co., Ltd**



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pharmacyapis.com

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