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Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

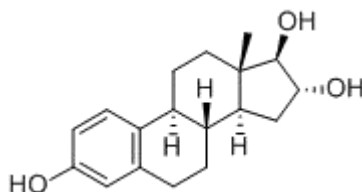
Site: www.tnjchem.com

## Technical Data Sheet

# Estriol

### Product Information

Product name	Estriol
Synonyms	1,3,5-Estratriene-3beta,16-alpha,17-beta-triol
CAS No.	50-27-1
EINECS	200-022-2
M.F.	C <sub>18</sub> H <sub>24</sub> O <sub>3</sub>
M.W.	288.38
Chemical structure	



### Physical Properties

White crystalline powder. Poorly soluble in water, slightly soluble in ethanol, ethyl ether, chloroform, dioxane and vegetable oils, soluble in pyridine and hydroxide alkaline solution.

Density	1.255g/cm <sup>3</sup>
Boiling Point	469°C at 760 mm Hg
Flashing Point	220.8°C
Refractive Index	58° (C=0.4, Dioxane)

## Specification

<u>Items</u>	<u>Specification</u>
Appearance	White-like Crystalline powder
Melting range	165°C ~ 169°C
Loss on drying	≤0.5%
Specific optical rotation	+54° ~ +62°
Residue on Ignition	≤0.1%
Assay by HPLC	97.0 ~ 102.0%

## Safety

Estriol is a stable material, not dangerous on transportation  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

1. Used for cervicitis, especially for menopausal syndrome, senile vaginitis.
2. It can be used as mid-term abortion and induced abortion drugs.
3. Used for prostate hypertrophy, prostate cancer.
4. There is a rapid increase in the role of peripheral white blood cells, generally in the 1 to 3 days after the entry into force, but the role of maintaining a shorter time. On chemotherapy or radiotherapy-induced leukopenia effective.
5. It can reduce vascular permeability and brittleness, can be used for a variety of bleeding treatment, for menorrhagia, tonsil or hysterectomy, have a rapid hemostasis.

## Packaging

1kg per Aluminum foil bag, 5kg per Aluminum tin or as per customer's requirements

## Storage & Handling

Store in under normal temperature cool place. Keep container tightly closed in a dry and well-ventilated place. After opening the sealed packaging barrels must carefully again and stand to avoid leakage.  
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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**Hefei TNJ Chemical Industry Co.,Ltd.**

B911 Xincheng Business Center  
Qianshan Road, Hefei  
230022 Anhui  
China

Tel : (0086) 551 5418677  
Fax: (0086) 551 5418697  
Email: [info@tnjchem.com](mailto:info@tnjchem.com)  
Site: [www.tnjchem.com](http://www.tnjchem.com)