



Specialized in chemicals

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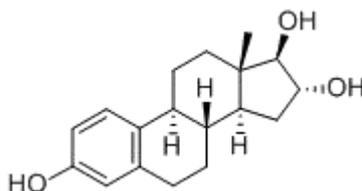
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Technical Data Sheet

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 ₁₈ H ₂₄ O ₃
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 ³
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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