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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

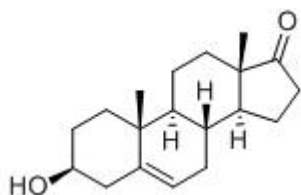
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Technical Data Sheet

Dehydroepiandrosterone

Product Information

Chemical Name	Dehydroepiandrosterone
CAS #	53-43-0
EINECS	200-175-5
Formula	C ₁₉ H ₂₈ O ₂
Molecular Weight	288.42
Synonyms	DHEA; PRASTERONE; TRANS-DEHYDROANDROSTERONE
Chemical Structure	



Description

Dehydroepiandrosterone, known as DHEA, exists in almost white crystalline powder. It is soluble in benzene, ethanol and diethyl ether, but almost insoluble in chloroform and petroleum ether. It melts at 149~152 °C.

Physical Properties

Melting point, °C	149~152
Appearance	White crystalline powder
Solubility	Soluble in benzene, ethanol and diethyl ether, but almost insoluble in chloroform and petroleum ether

Specification

Appearance	White crystalline powder
Melting range	148°C ~ 151°C
Loss on drying	≤0.5%
Assay by HPLC	≥99%
Specific optical rotation	+12 °~ +15°

Applications

Health Protection:

Obesity prevention: DHEA is like thyroid which can inhibit the intake of food and fat into our body and reduce the accumulation of fat, etc.

Anti-aging: At the age of 25~30 years old, the contents of DHEA is the highest in body. After 30 years old, it will gradually reduce by 75% of that in 25 years period. DHEA can recover the neurons viability. By stimulating GnRH biosynthesis, some diseases caused by the decline of DHEA in body would be improved.

Anti-Cancer:

DHEA has some effects on the prevention and inhibition of tumor growth.

Package

25kg per fiber drum

Storage & Handling

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Keep in a dry place.

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Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 5418695
Fax: (0086) 551 5418697
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Site: www.tnjchem.com