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Type of Document:

TECHNICAL DATA SHEET

Fecha revisión:

08.09.2022

Versión:

4.0

10419-DHEA (PRASTERONE)

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.

1.1 Identification of the substance or preparation

Name: DHEA (Prasterone)

Bulk code: 10419

1.2 Synonyms

3 β -Hydroxy-5-androsten-17-one, 5-Androsten-3 β -ol-17-one, Dehydroepiandrosterone, Dehydroisoandrosterone

2. DESCRIPTION

Appearance: Crystalline powder

Colour: white, off-white

Origin: Obtained from plant-based sterols (wild yam) and subsequent chemical handling so they are identical to sterols of human origin.

3. COMPOSITION/INFORMATION ON COMPONENTS.

Formula: C₁₉H₂₈O₂

CAS: 53-43-0

EC: 200-175-5

Molecular weight: 288.4 g/mol

4. PHYSICO-CHEMICAL DATA.

See detailed specifications in analysis report.

Solubility: Ethanol

Water: <0.1 mg/l

5. PROPERTIES/USES.

ACTIVE PHARMACEUTICAL INGREDIENT.

DHEA is a hormone produced naturally in the body. DHEA is responsible for producing the male and female sex hormones in the body.

People commonly use DHEA to reduce the signs of ageing and improve physical performance, among many other conditions, but there is no good scientific evidence supporting these forms of use.

DHEA can be administered in women in the form of vaginal ovuli because there are receptors for DHEA in the vagina.



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It can also be applied in cream format, mainly in a cream specifically for HRT, such as the GUINAMA HRT Cream, and applied to the genital area externally.

It is perhaps the safest hormone and it has both an oestrogen effect (vaginal dryness, etc.) and testosterone effect (improves the libido).

6. DOSAGE.

It can be used orally or for topical transdermal use. The initial dose ranges from 5 to 10 mg. Generally, this dose is increased to 15-24 mg/day.

Doses of 25 to 50 mg have a mitogenic effect, and those above 80 mg can cause phenomena of feminisation (in men) and masculinisation (in women).

7. REMARKS.

STORAGE:

Store at room temperature ($25\pm 2^{\circ}\text{C}$), in a cool, dry place, away from sunlight, in a tightly closed container.

8. BIBLIOGRAPHY.

+<https://medlineplus.gov/spanish/druginfo/natural/331.html>