## Testosterone Isocaproate (CAS number-15262-86-9)

TAJMTF-LMAERY8972

Taj Active Pharmaceuticals Ingredients

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# Active Pharmaceutical Ingredients TAJ PHARMACEUTICALS LIMITED NOIA



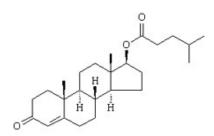
ACTIVE PHARMACEUTICAL
IN G R E D I E N T S

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Taj Pharmaceuticals Ltd. **Testosterone isocaproate**CAS NO.15262-86-9

#### Chemistry

Molecular Structure of Testosterone isocaproate (CAS NO.15262-86-9)





Chemical Name: 4-Androsten-17β-ol-3-one Isocapronate

Molecular Formula: C25H38O3

Molecular Weight: 386.57

### **IUPAC Name:**

 $(10,13-dimethyl-3-oxo-1,2,6,7,8,9,11,12,14,15,16,17-dodecahydrocyclopenta[a]phenanthren-17-yl)\\ 4-methylpentanoate$ 

Synonyms of Testosterone isocaproate (CAS NO.15262-86-9): EINECS 239-307-1; NSC 26641; 17beta-Hydroxyandrost-4-ene-3-one 4-methylvalerate; Androst-4-en-3-one, 17-((4-methyl-1-oxopentyl)oxy)-, (17beta)-

Classification Code: Hormone; Reproductive Effect

Polar Surface Area: 43.37 Å2

**Index of Refraction:** 1.529

Molar Refractivity: 111.19 cm3

Molar Volume: 360.3 cm3

Surface Tension: 40.7 dyne/cm

**Density of Testosterone isocaproate:** 1.07 g/cm<sup>3</sup>

Flash Point: 208 °C

Enthalpy of Vaporization: 75.35 kJ/mol

Boiling Point: 487.6 °C at 760 mmHg

Vapour Pressure: 1.17E-09 mmHg at 25°C

Properties: white or almost white crystalline powder

**Einecs**: 239-307-1

**Assay:** 97.0%

Appearance: white fine powder

#### Synonyms:

17beta-hydroxyandrost-4-ene-3-one 4-methylvalerate;4-ANDROSTEN-17-BETA-OL-3-ONE ISOCAPROATE;4-ANDROSTEN-17BETA-OL-3-ONE ISOCAPROATE;4-ANDROSTEN-17BETA-OL-3-ONE 17[4-METHYLPENTANOATE];4-androsten-17b-ol-3-one 17-[4-methylpentanoate];TESTOSTERONE ISOCAPROATE;TESTOSTERONE 4-METHYLVALERATE;testosterone isocaproate--dea\*schedule iii item;Androst-4-en-3-one, 17-(4-methyl-1-oxopentyl)oxy-, (17.beta.)-;4-androsten-17 $\beta$ -ol-3-one 17-(4-methylpentanoate);Testosterone 17-isohexanoate;TESTOSTERONE4-METHYLPENTANOATE;4-Androsten-17 $\beta$ -ol-3-one 17-(4-methylpentanoate), Testosterone 4-methylvalerate;17 $\beta$ -(4-Methylvaleryloxy)androsta-4-ene-3-one;17 $\beta$ -[(4-Methyl-1-oxopentyl)oxy]androst-4-en-3-one

Optional Information - HS Code : 3006 Pharmaceutical Goods

### Description:

This product is white crystalline powder.It can be used to cause weight and strength gain, fat loss, a libido increase, an increase in IGF-1 levels, red blood cell count, and of course increased recovery from training. It will also convert to estrogen and dihydrotestosterone, causing possible water retention and gynocomastia as well as acne and hairloss, respectively.

### **Safety Profile**

Hazard Codes of Testosterone isocaproate (CAS NO.15262-86-9): Harmful

**Risk Statements:** 20/21/22-40

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R40: Limited evidence of a carcinogenic effect.

Safety Statements: 22-36 S22: Do not breathe dust.

S36: Wear suitable protective clothing.

WGK Germany: 3



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