

Product Information

Testosterone solution

1.0 mg/mL±2% in 1,2-dimethoxyethane
drug standard

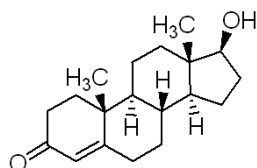
Catalog Number **T5411**

Lot Number SLBN9226V

Storage Temperature 2–8 °C

CAS RN 58-22-0

Synonyms: 17β-Hydroxy-3-oxo-4-androstene,
4-Androsten-17β-ol-3-one, *trans*-Testosterone,
17β-Hydroxy-4-androsten-3-one



Product Description

Molecular Formula: C₁₉H₂₈O₂

Molecular Weight: 288.42

DEA Class: Exempt preparation of Class III

Concentration: 1.02 mg of testosterone/mL of HPLC grade 1,2-dimethoxyethane, concentration verified by UV.

Expiration Date: February 2019

Precautions and Disclaimer

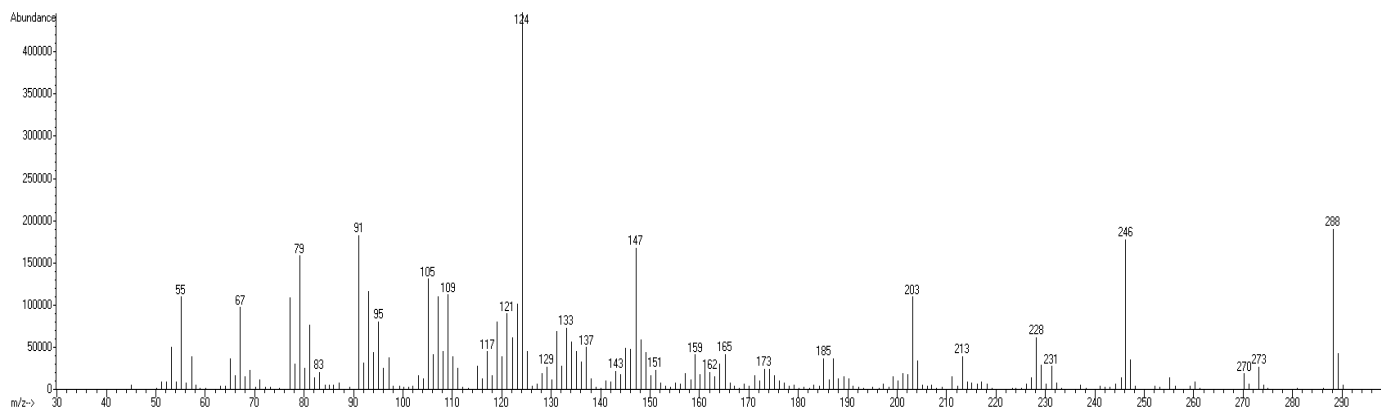
This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the product at 2–8 °C. If stored at 2–8 °C in an airtight container, protected from light, decomposition of the product is less than 1% in 12 months. After opening, concentration may change due to loss of solvent.

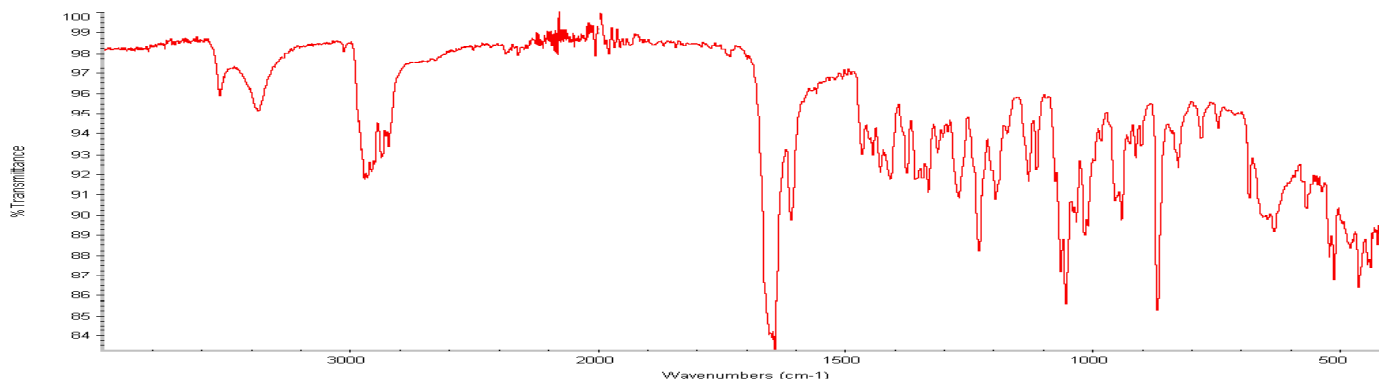
CMW,MAM 02/16-1

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 6890 Series II Gas Chromatograph
Hewlett-Packard 5973 Mass Selective Detector
Hewlett-Packard G1701DA MS ChemStation (HP-DOS series)

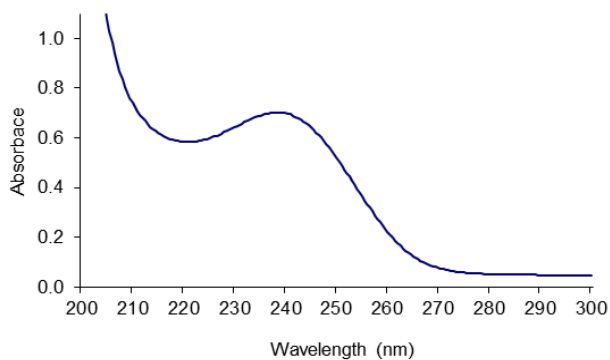
FT-IR



Nicolet 380 FT-IR Thermo Smart Orbit

Ultraviolet Spectrum

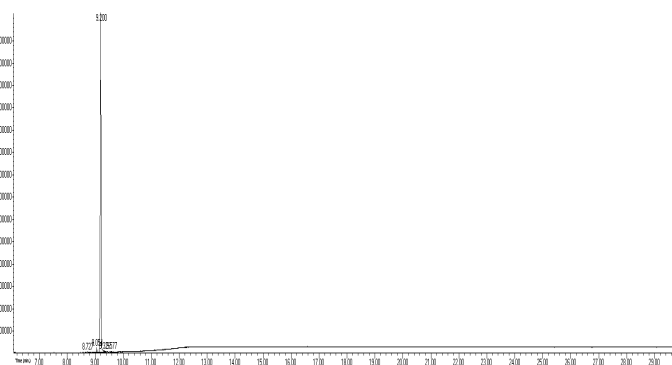
Peak	238.5 nm
Absorbance	0.7028
Solvent	Methanol
Dilution	1:99 (v/v)



Beckman-Coulter DU 800

Capillary Gas Chromatography

Column Supelco SPB-1 (Catalog Number 24162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm
Oven Temperature 150 $^{\circ}\text{C}$ (2 minutes), then
15 $^{\circ}\text{C}/\text{minute}$ to 300 $^{\circ}\text{C}$, hold 18 minutes
Injector Temperature 250 $^{\circ}\text{C}$, Split
Detector Hewlett-Packard 5973
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 6890