

Product Information

Testosterone Solution

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

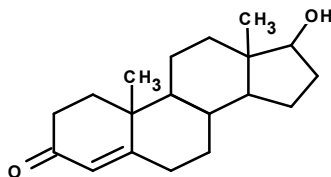
Catalog Number **T5411**

Lot Number 106K8805

Storage Temperature 2–8 °C

CAS RN 58-22-0

Synonyms: 4-Androsten-17 β -ol-3-one; 17 β -Hydroxy-4-androsten-3-one; trans-Testosterone



Product Description

Molecular Formula: C₁₉H₂₈O₂

Molecular Weight: 288.4

DEA Class: Exempt preparation of Class III

Concentration: 1.00 mg Testosterone/mL HPLC grade
1,2-dimethoxyethane (conc. verified by UV)

Expiration Date: December 2009

Precautions and Disclaimer

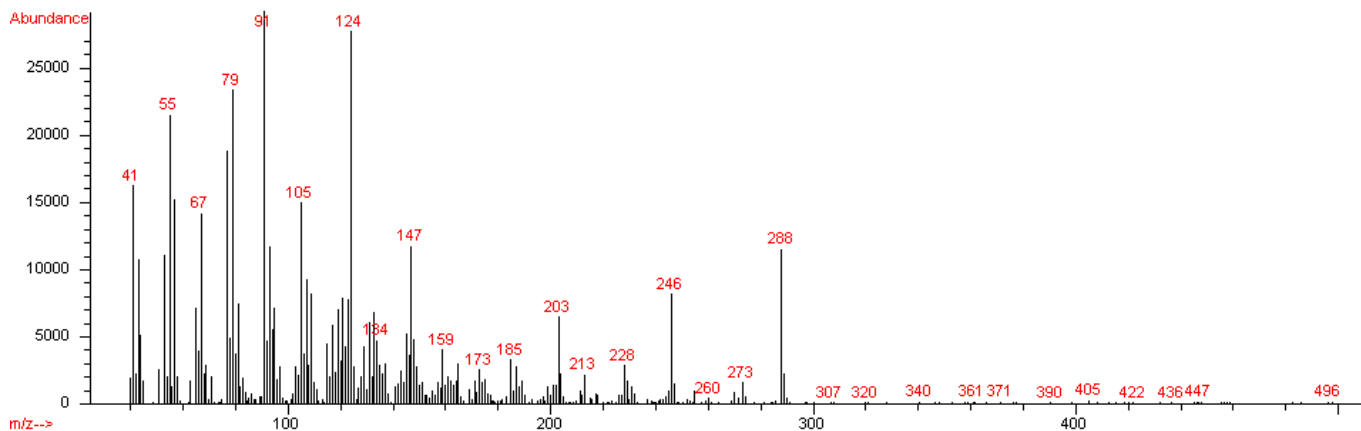
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the standard solution at 2–8 °C. If stored at 2–8 °C in an air tight 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.

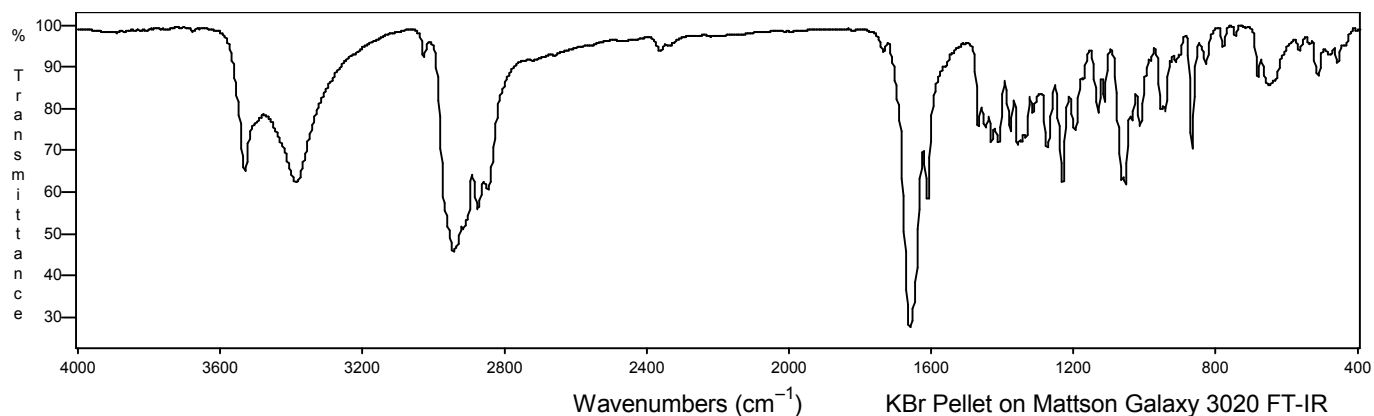
CH,PCS,MAM 11/06-1

70 eV Electron Ionization Mass Spectrum



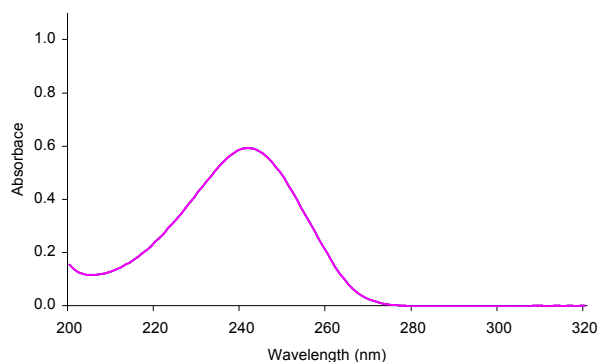
Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR



Ultraviolet Spectrum

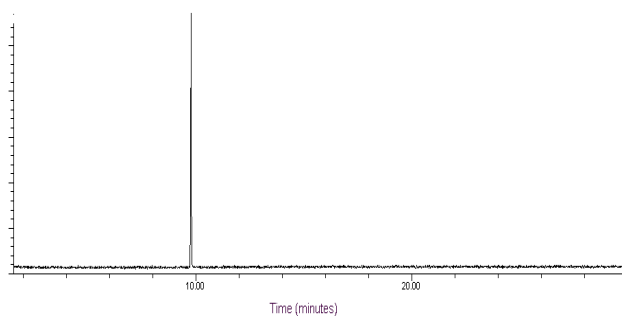
Peak	242.0 nm
Absorbance	0.593
Solvent	Methanol
Dilution	1:99 (v/v)



Bio-Tek Uvikon XL

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 °C (2 minutes), then
15 °C/minute to 300 °C, hold 18 minutes
Injector Temperature 250 °C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

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