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SIGMA®

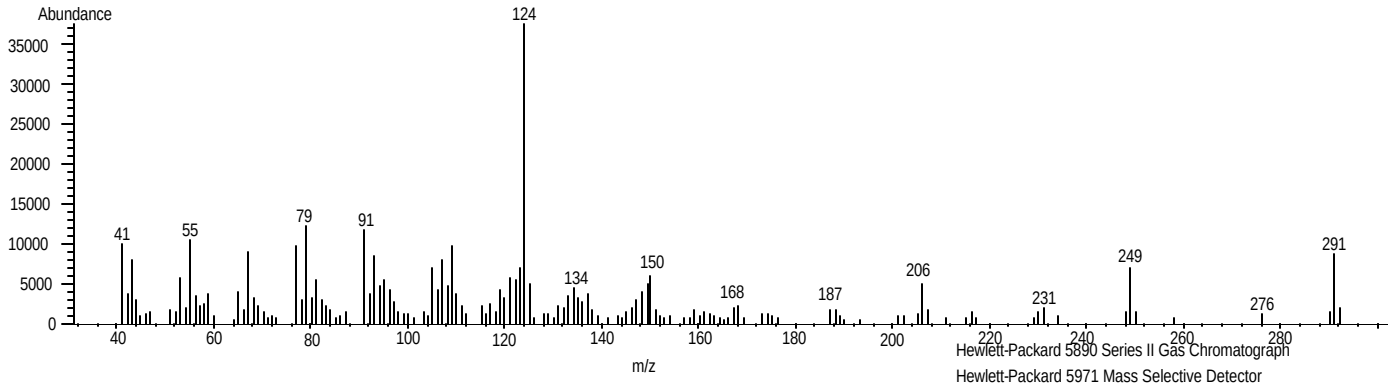
ProductInformation

TESTOSTERONE-D_3 1,2-DIMETHOXYETHANE SOLUTION

Methanol Solution

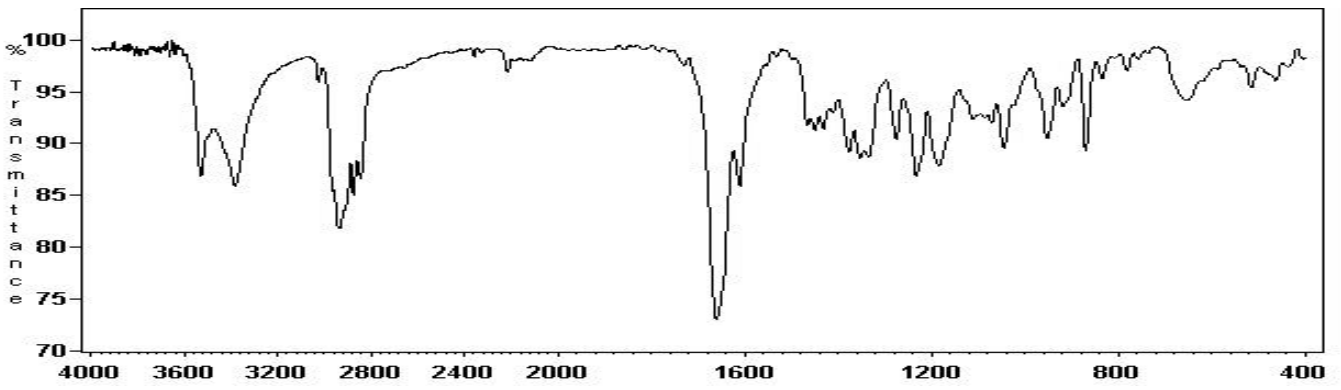
Product Number	T 5536
Lot Number	104K8802
***CAS* Number**	*[77546-39-5]*
Concentration	100 µgTestosterone-d_3 /mL 1,2-Dimethoxyethane (conc. verified by UV)
Molecular Formula	$C_{19}D_3H_{25}O_2$
Molecular Weight	291.4
DEA Class	Exempt preparation of Class III
Synonyms	17β-Hydroxyandrost-4-en-3-one-16,16,17-d_3
Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 36 months. After opening, concentration may change due to loss of solvent.
Expiration Date	December 2008
Storage	2-8°C.

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



Mattson Galaxy 3020 FT-IR

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Product Number T 5536

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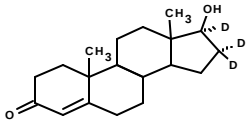


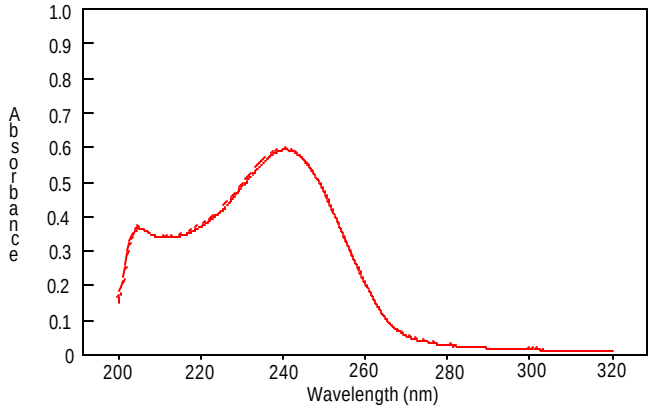
Ultraviolet Spectrum

Peak 241.8 nm

Absorbance 0.570

Solvent Methanol

Dilution 1:9 (v/v)



Bio-Tek Uvikon XL

Capillary Gas Chromatography

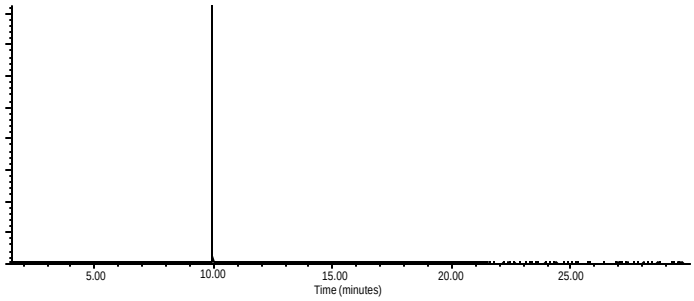
Column Supelco SPB-1 (Cat. No. 2-4162)

I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 µm

Oven Temperature 150°C (2min.), then 15°/min to 300°C, hold 18 min.

Injector Temperature 250°C, Splitless

Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

T 5536/104K8802/11/1/04