

Chemical Information:

Name: Androstenedione
CAS No.: 63-05-8
Tox21_ID No.: Tox21_202269
NTP_CID No.: 362

Supplier: Sigma-Aldrich
Lot No.: 065K1041
MW: 286.41 g/mol

Date of Analysis: 19 April 2007

Purity and Identity Results:

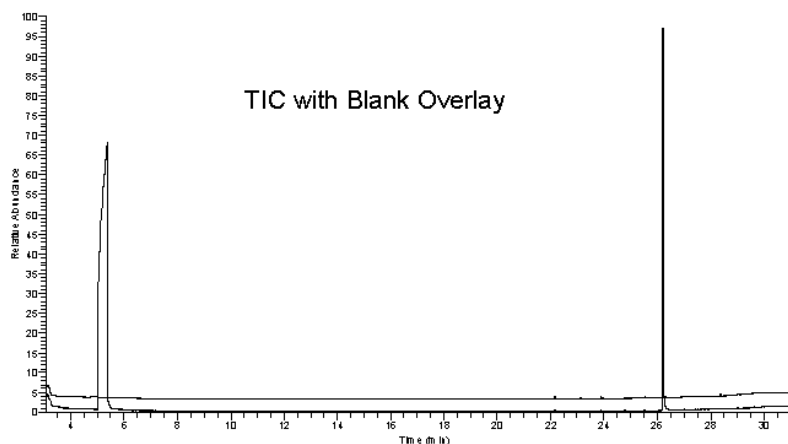
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.38	Not applicable
Androstenedione	26.23	100.00

^a Peaks comprising $\geq 0.5\%$ of total area.

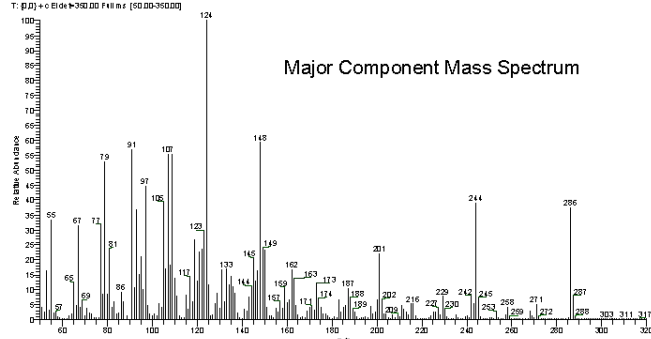
GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 9.05-31.47 SM: 30



0101005 02787 RT: 26.23 AM: 1 1.57E5
T: pJ) = c EId+ 300.00 F41 ms (50.00-300.00)



NIST Reference
Mass Spectrum

