

Chemical Information:

Name: 1,1-Oxybis methylene, bis benzene
CAS No.: 103-50-4 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200903 Lot No.: 04309KC
NTP_CID No.: 13 MW: 198.26 g/mol

Date of Analysis: 16 February 2007

Purity and Identity Results:

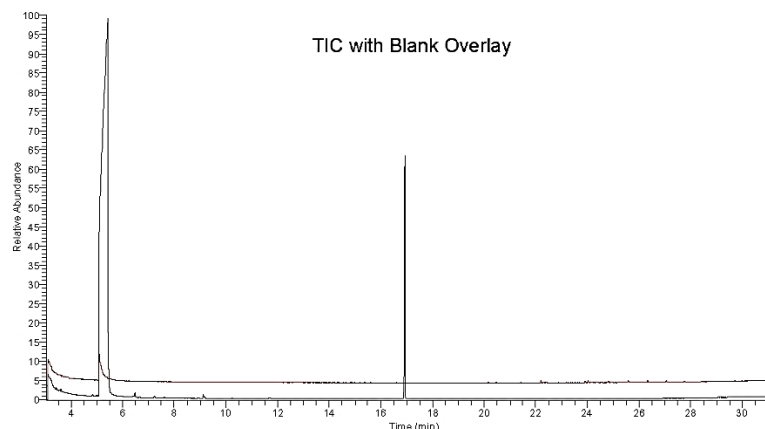
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.43	Not applicable
Unknown	7.23	1.04
unknown	11.71	0.69
1,1-Oxybis methylene, bis benzene	16.93	97.45

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

GC/MS Instrument Parameters:

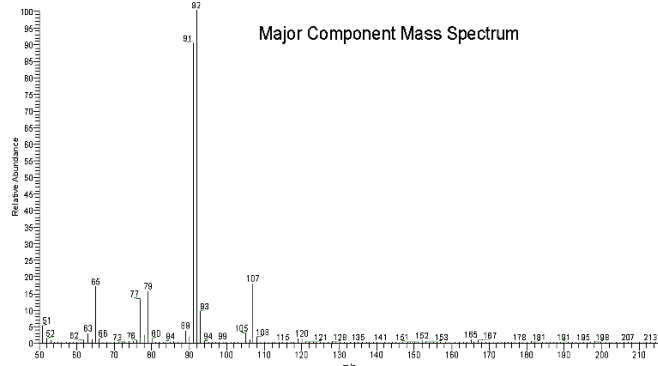
Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 250 amu
Injector Temperature	280°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: 3.05 - 31.49 SM: 3G

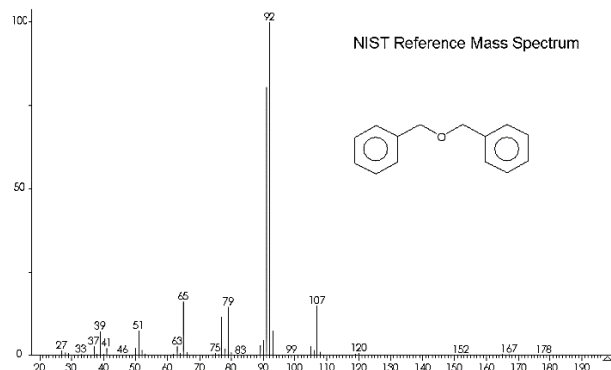


07b1b11 #1666 RT: 15.90 AV: 1 NL: 2.35E6

T: (0.2) * c: 61.000-250.000 Full ms (15.90-250.00)



Major Component Mass Spectrum



NIST Reference Mass Spectrum

