

Chemical Information:

Name: o-Phenylphenol
CAS No.: 90-43-7
Tox21_ID No.: Tox21_202415
NTP_CID No.: 1124

Supplier: Sigma-Aldrich
Lot No.: 2071X
MW: 170.21 g/mol

Date of Analysis: 24 October 2007

Purity and Identity Results:

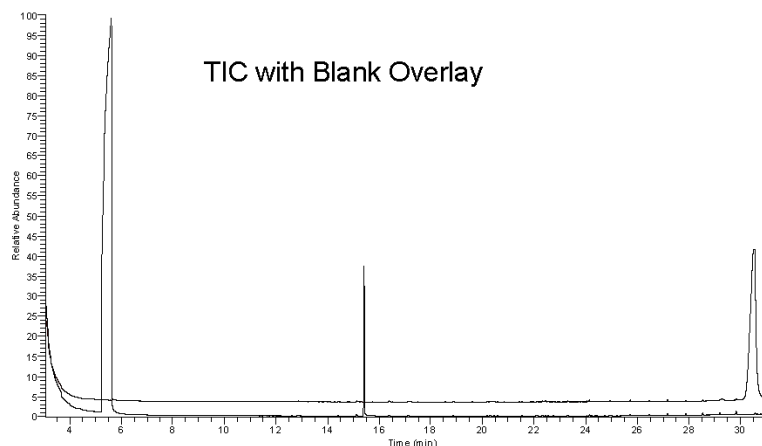
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.61	Not applicable
o-Phenylphenol	15.42	99.79

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

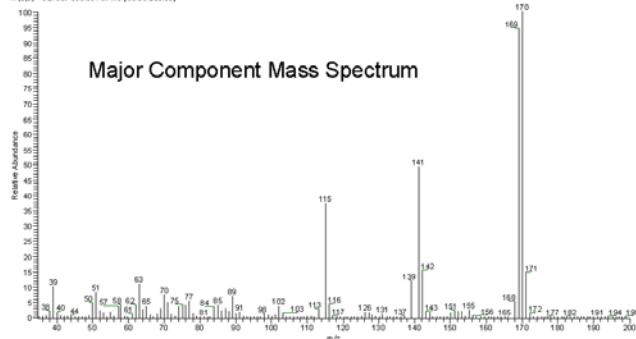
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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	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: 3.05-31.51 SM: 3G



07/24/11 #3252 RT: 15.42 #1 11: 3.39E6
T: (0.0) + c(1) de-350.00 Full.ms [35.00-250.00]



NIST Reference Mass Spectrum

