

Chemical Information:

Name: p-Hexylresorcinol

Date of Analysis: 27 June 2007

CAS No.: 136-77-6

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_202263

Lot No.: 14919AC

NTP_CID No.: 1193

MW: 194.27 g/mol

Purity and Identity Results:

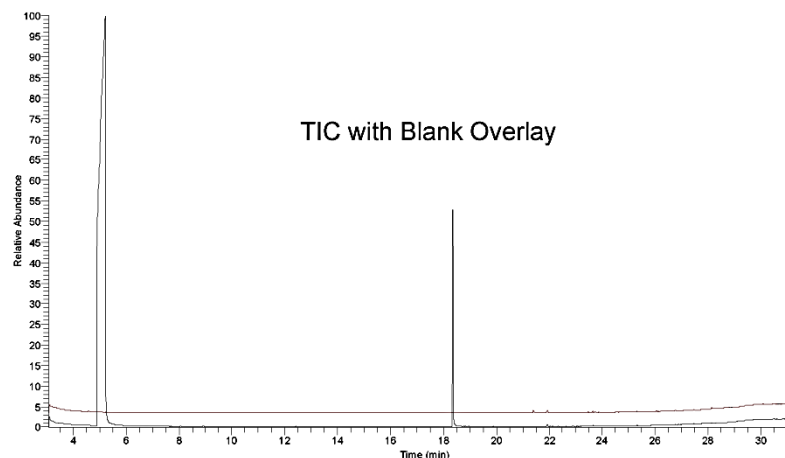
| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|-------------------|----------------------|------------------------------------|
| DMSO | 5.22 | Not applicable |
| p-Hexylresorcinol | 18.35 | 99.57 |

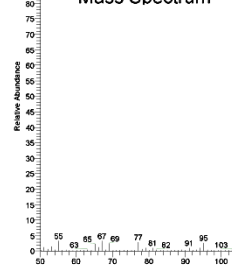
^a Peaks comprising ≥ 0.5% of total area.

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-μm 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 – 250 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 2 μL / 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


072716 #1540 RT: 18.34 AU: 1 NL: 3.2866
T: (0.0) - c: E: dec-350.00 Full.ms [50.00-250.00]

Major Component Mass Spectrum

NIST Reference Mass Spectrum
