

Chemical Information:

Name: Propofol
CAS No.: 2078-54-8
Tox21_ID No.: Tox21_201371
NTP_CID No.: 194

Supplier: Research Biochemicals Intl
Lot No.: BTH-497B
MW: 178.27 g/mol

Date of Analysis: 30 August 2007

Purity and Identity Results:

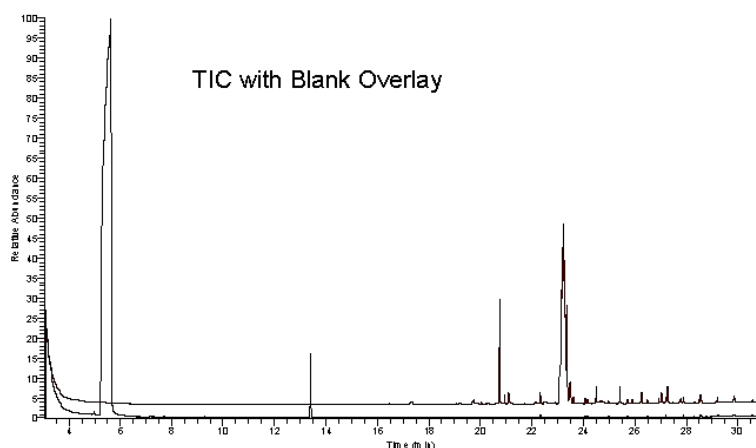
| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|---------------|----------------------|------------------------------------|
| DMSO | 5.64 | Not applicable |
| unknown | 7.71 | 1.25 |
| Propofol | 13.40 | 98.34 |

^a Peaks comprising ≥ 0.5% of total area.

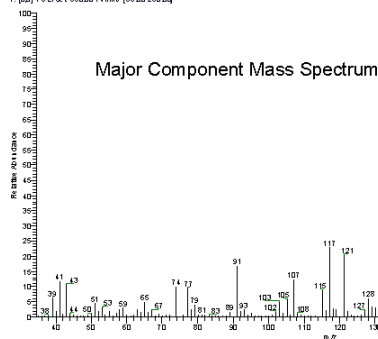
GC/MS Instrument Parameters:

| | |
|-------------------------|---|
| 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 | 35 – 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 - 31.51 SM: 3G



01/08/07 12:23 RT: 13.40 AC: 1 NL: 20565
1.000e+5 (a.u.) x 100000 (a.u.) (S.D. 500.00)



NIST Reference Mass Spectrum

