

Chemical Information:

Name: 1,6-Hexamethylene diacrylate
CAS No.: 13048-33-4 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201349 Lot No.: 04220EC
NTP_CID No.: 67 MW: 226.27 g/mol

Date of Analysis: 16 February 2007

Purity and Identity Results:

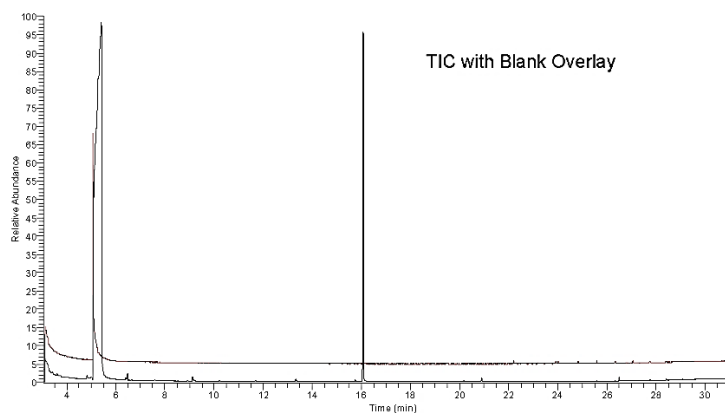
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.42	Not applicable
unknown	13.33	0.68
1,6-Hexamethylene diacrylate	16.07	97.01
unknown	20.90	0.79
unknown	26.50	1.05

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

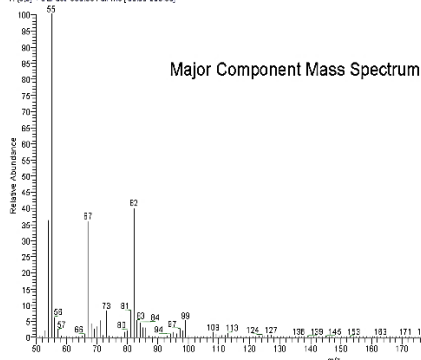
GC/MS Instrument Parameters:

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 – 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 - 31.50 SM 3G



07/18/02 #1316 RT: 16.09 Ac: 1 NL: 2.286E
T: 0.0; + c: 0; det: 393.00 Full ms [51.03-250.00]



NIST Reference Mass Spectrum

