

### Chemical Information:

Name: t-Butyl phenyl glycidyl ether  
CAS No.: 3101-60-8 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200310 Lot No.: 09502Ld  
NTP\_CID No.: 1316 MW: 206.28 g/mol

Date of Analysis: 18 April 2007

### Purity and Identity Results:

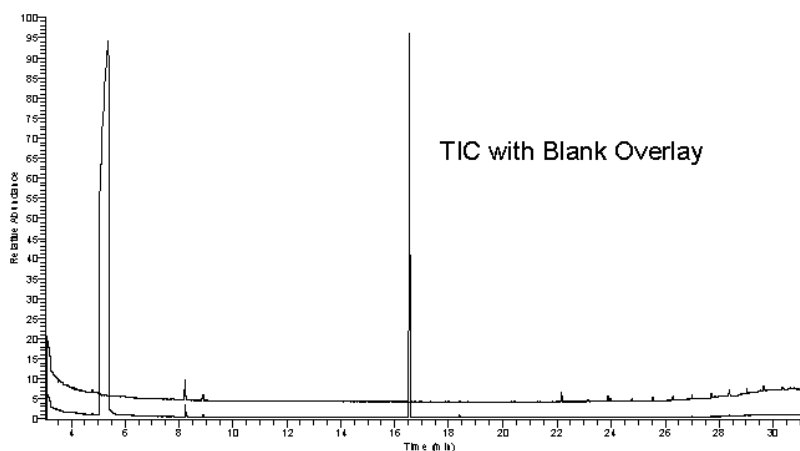
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.38	Not applicable
t-Butyl phenyl glycidyl ether	16.54	98.95
unknown	18.40	0.80

<sup>a</sup> 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 - 31.50 S.M. 3G



011809 #1624 RT: 16.54 AC: 1 NL: 3.21E6  
T: 0.02 s e: 0.000000 Files: 350.00-350.00

