

Chemical Information:

Name: Isopropyl phenylacetate
CAS No.: 4861-85-2 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201145 Lot No.: 12510DR
NTP_CID No.: 891 MW: 178.23 g/mol

Date of Analysis: 29 November 2007

Purity and Identity Results:

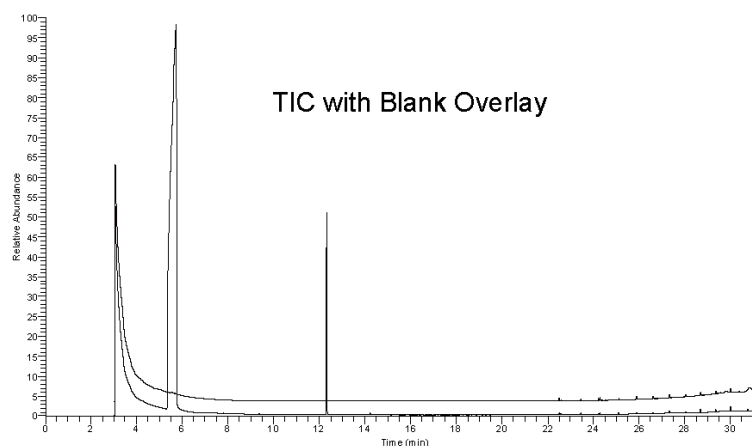
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.75	Not applicable
Isopropyl phenylacetate	12.33	99.21
unknown	14.22	0.79

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with 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: 0.00 - 31.51 SM: 30



07/20/09 #2043 RT: 12.33 AM: 1 NL: 4.3566
T: 0.01 s x 1.01 e+007 Full MS (35.00-250.00)

