

Chemical Information:

Name: n-Butyl-p-aminobenzoate
CAS No.: 94-25-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200378 Lot No.: 065K2503
NTP_CID No.: 1032 MW: 193.24 g/mol

Date of Analysis: 28 March 2007

Purity and Identity Results:

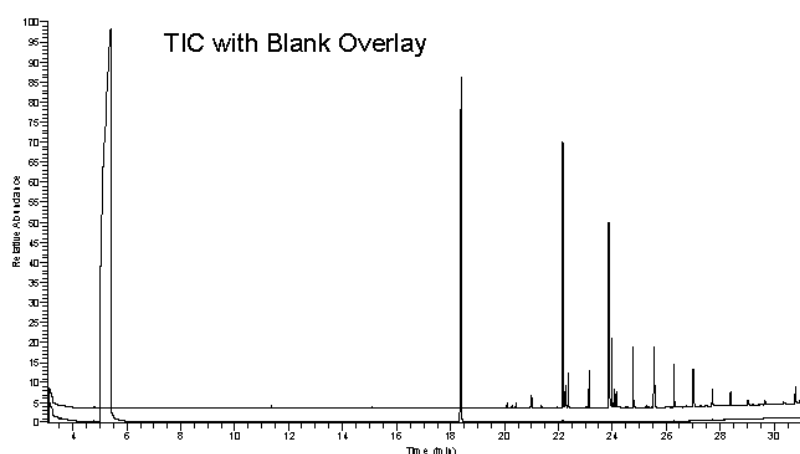
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.39	Not applicable
n-Butyl-p-aminobenzoate	18.40	99.64

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

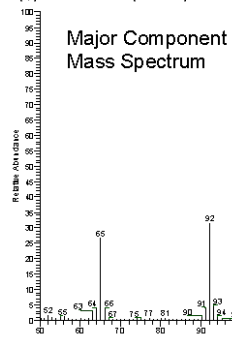
GC/MS Instrument Parameters:

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	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: 3.05 - 31.50 SM: 30



07-028105-01944 RT: 18.37 AX: 1 SE: 1.22 ID: NL: 3.3385
T: (0.1) = 0.0100000000000000 (10.00-250.00)



NIST Reference Mass Spectrum

