

Chemical Information:

Name: p-Aminobenzoic acid

Date of Analysis: 27 June 2007

CAS No.: 150-13-0

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_201702

Lot No.: 035K0587

NTP_CID No.: 1145

MW: 137.14 g/mol

Purity and Identity Results:

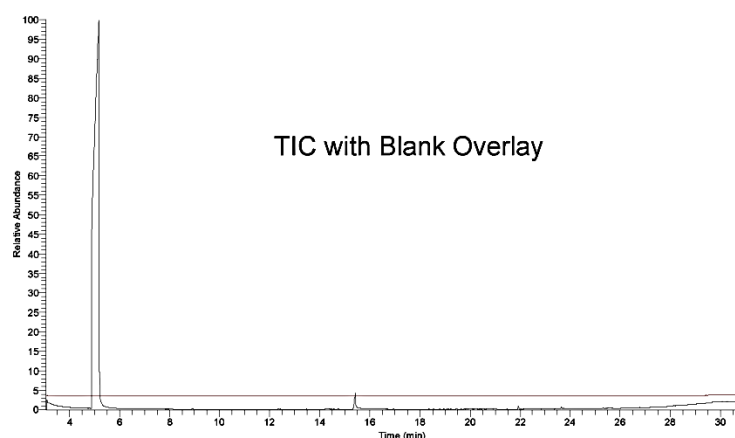
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.19	Not applicable
unknown	12.43	0.51
p-Aminobenzoic acid	15.41	95.27
unknown	18.35	0.68
unknown	27.92	0.57
unknown	30.74	0.78

^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	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 - 31.49 SM: 3G


0127171 #1489 RT: 15.41 AU: 1 NL: 2 5585
T: (0.0) - c: (1.0) 350.00 Full MS (100.00-250.00)
