

Chemical Information:

Name: 2-Amino-4-chlorobenzothiazole
CAS No.: 19952-47-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200087 Lot No.: 09819DY
NTP_CID No.: 205 MW: 184.65 g/mol

Date of Analysis: 16 August 2007

Purity and Identity Results:

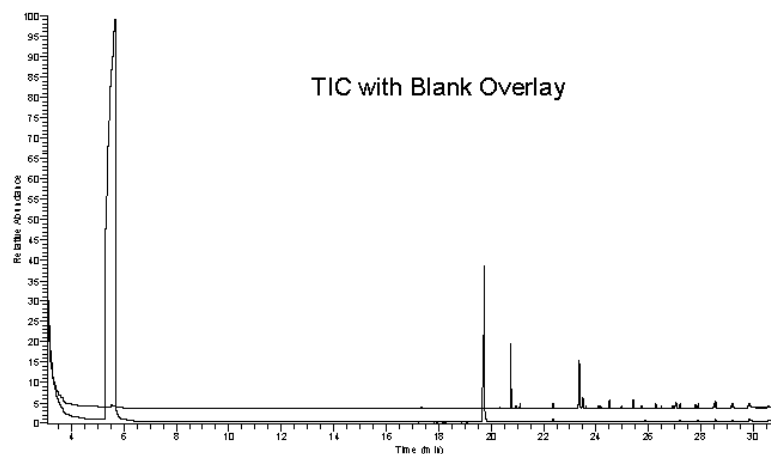
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.66	Not applicable
2-Amino-4-chlorobenzothiazole	19.75	99.43

^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	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: 3.05-31.49 SM: 3G



DT: 1606 #4379 RT: 19.73 AC: 1 NL: 3.0066
T: (U) + c (U) e + 300 (U) F (U) m/z (35 (U) 250 (U))

