

Chemical Information:

Name: 2-Amino-4-methoxybenzothiazole
CAS No.: 5464-79-9 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200251 Lot No.: 07413DD
NTP_CID No.: 207 MW: 180.23 g/mol

Date of Analysis: 16 August 2007

Purity and Identity Results:

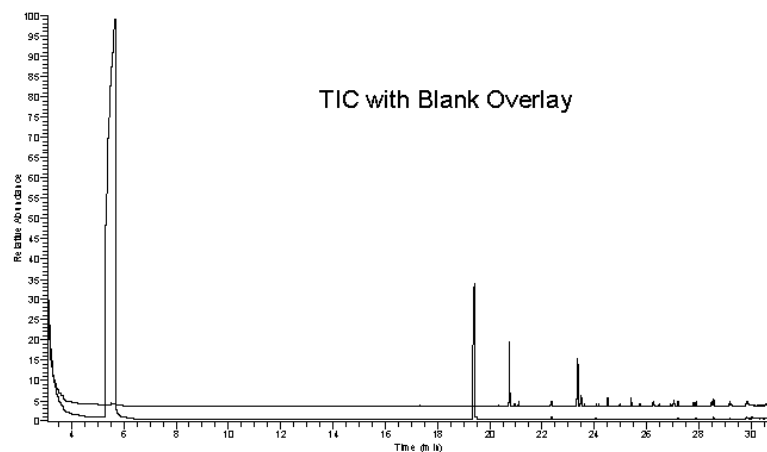
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.66	Not applicable
2-Amino-4-methoxybenzothiazole	19.41	99.52

^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 - 31.50 SM: 3G



07116131 #4296 RT: 19.41 AC: 1 WL: 2.00E6
T: 8.01 + - 0.016 + 3.00 DD F418.H [35 DD-250.DD]

