

# Chemical Information:

Name: 2-Amino-6-ethoxybenzothiazole  
CAS No.: 94-45-1 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200641 Lot No.: 00430AM  
NTP\_CID No.: 216 MW: 194.25 g/mol

Date of Analysis: 5 Apr 2007

# Purity and Identity Results:

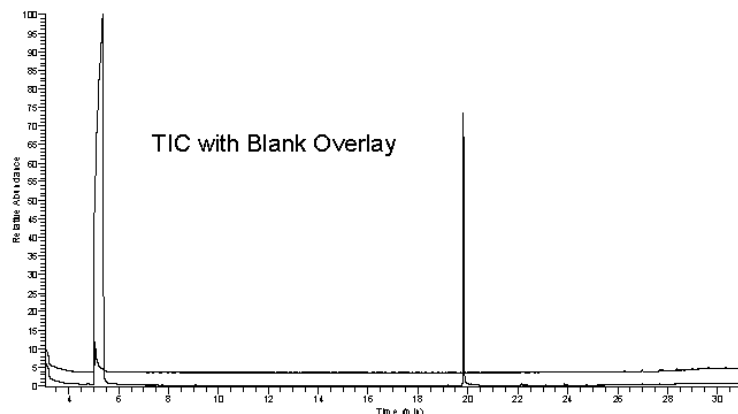
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.37	Not applicable
2-Amino-6-ethoxybenzothiazole	19.82	100.00

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

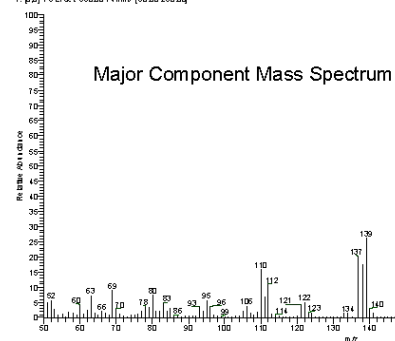
# GC/MS Instrument Parameters:

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- $\mu$ 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 $\mu$ 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



01/05/07 10:30:18 RT: 19.82 AM: 1 NL: 33285  
T: 0.21 + 0.01 = 0.2200 F: 0.00 (50.00-200.00)



# NIST Reference Mass Spectrum

