

Chemical Information:

Name: 2-Vinyl pyridine
CAS No.: 100-69-6
Tox21_ID No.: Tox21_200035
NTP_CID No.: 286

Supplier: Sigma-Aldrich
Lot No.: 13813MC
MW: 105.14 g/mol

Date of Analysis: 05 February 2008

Purity and Identity Results:

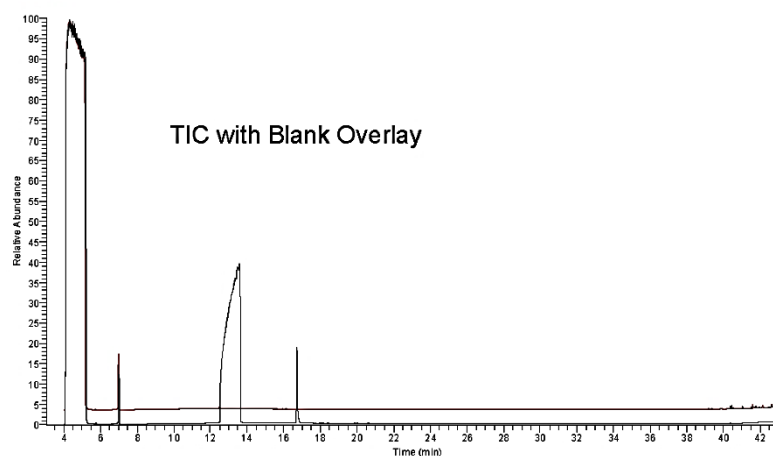
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	13.59	Not applicable
2-Vinyl pyridine	16.72	99.45

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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	10°C, hold 4 min; ramp @ 4°C/min to 120°C, hold 0 min; ramp @ 15°C/min to 300°C
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 220 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	43.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 43.50 SM: 30



08/02/08 #1526 RT: 16.72 AU: 1 BB: 2 16.68, 17.08 NL: 3.89E6
T: (4.0) + c (2) 66-350.00 Full.ms (15.00-220.00)

