

Chemical Information:

Name: N-Nitrosopiperidine

CAS No.: 100-75-4

Tox21_ID No.: Tox21_200267

NTP_CID No.: 1074

Supplier: Sigma-Aldrich

Lot No.: 050H04081

MW: 114.15 g/mol

Date of Analysis: 11 July 2007

Purity and Identity Results:

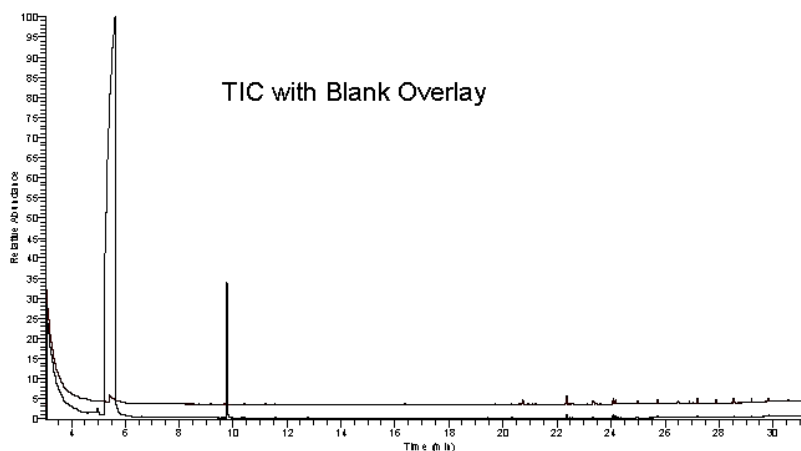
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.63	Not applicable
N-Nitrosopiperidine	9.78	100.00

^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	35 – 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 - 31.50 SEC


01/10/07 3:07:01 112267 42#1112 RT: 9.77 AU: 1 NL: 29206
7: (7.7) = 0.00e+000.000 Peaks: 3 (5.63-29.000)
