

Chemical Information:

Name: 6-Nitrophthalhydrazide
CAS No.: 3682-19-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200021 Lot No.: 04218BU
NTP_CID No.: 389 MW: 207.14 g/mol

Date of Analysis: 14 August 2007

Purity and Identity Results:

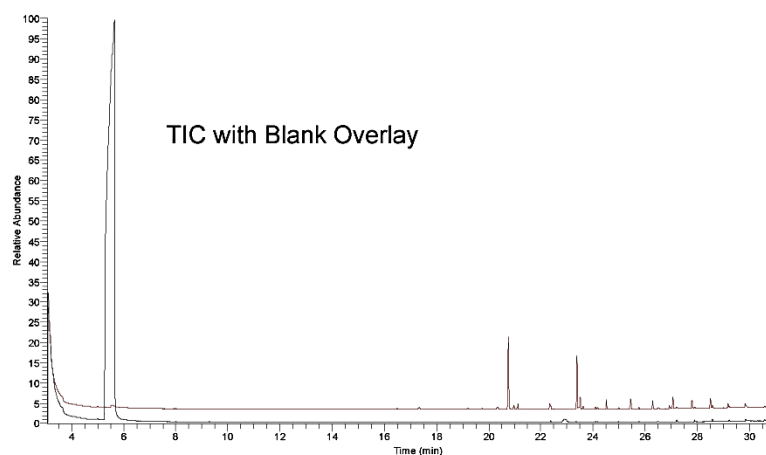
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.66	Not applicable
unknown	18.98	2.07
6-Nitrophthalhydrazide	22.90	97.93

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

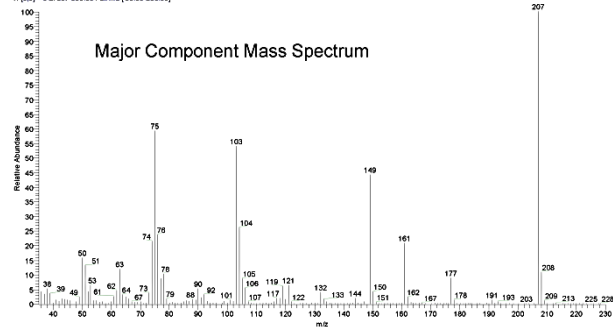
GC/MS Instrument Parameters:

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



07/14/01 #5209 RT: 22.89 AU: 1 SB: 2 22.72, 23.30 NL: 7.38E4
T: 0.00 v: 0.00 Full MS (35.00-250.00)



NIST Reference Mass Spectrum

