

Chemical Information:

Name: 4-Dimethylaminoantipyrine
CAS No.: 58-15-1 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201544 Lot No.: 113K1134
NTP_CID No.: 374 MW: 231.29 g/mol

Date of Analysis: 17 April 2007

Purity and Identity Results:

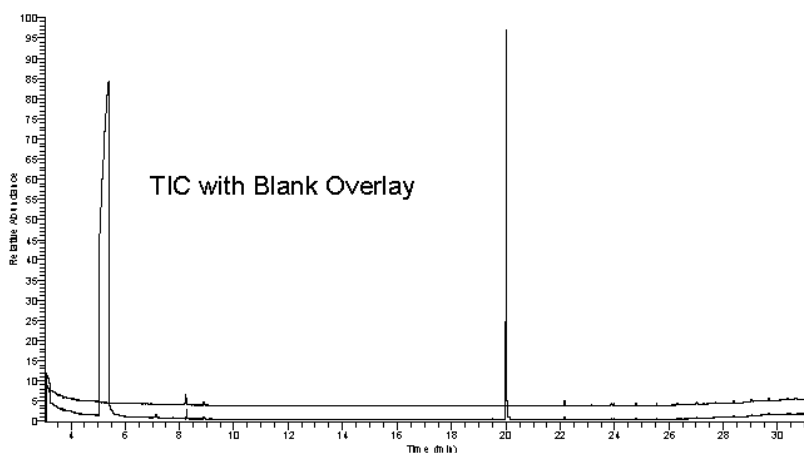
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.39	Not applicable
unknown	7.13	1.69
4-Dimethylaminoantipyrine	20.02	98.02

^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	50 – 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 - 31.49 SEC



07-01-08 #2044 RT: 20.02 AC: 1 NL: 2.0655
T: 0.02 + c0100-350.00 F11111 (50.00-350.00)

