

Chemical Information:

Name: 3,4-Dihydrocoumarin

Date of Analysis: 02 February 2009

CAS No.: 119-84-6

Supplier: MRI-NTP Repository

Tox21_ID No.: Tox21_202137

Lot No.: 44981

NTP_CID No.: 309

MW: 148.16 g/mol

Purity and Identity Results:

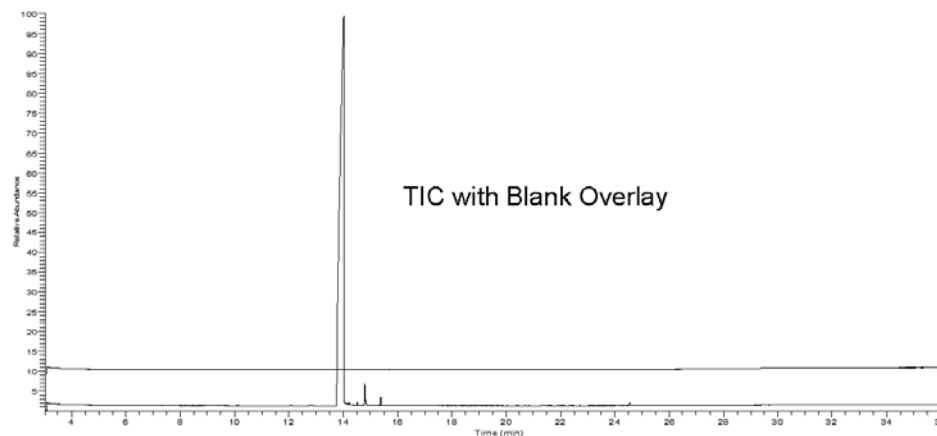
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
3,4-Dihydrocoumarin	14.03	98.35
unknown	14.79	0.97

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.00 - 36.46


06/02/09 11:26 RT: 13.75 AU: 1.00 2.1274 14.04 NL: 0.2105
TIC (3.00 - 36.46) vs Full MS (25.00 - 350.00)
