

Chemical Information:

Name: Tricaprylin
CAS No.: 538-23-8
Tox21_ID No.: Tox21_201480
NTP_CID No.: 1366

Supplier: Sigma-Aldrich
Lot No.: 114K0738
MW: 470.68 g/mol

Date of Analysis: 01 December 2008

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.75	Not applicable
unknown	21.04	0.84
unknown	22.86	0.64
Tricaprylin	28.36	98.52

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with 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	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	25 – 425 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 2.0, build 7/23/2008

RT: 3.00 - 31.50 SM: 30

