

Chemical Information:

Name: 2,4,5-Triethoxyacetophenone
CAS No.: 63213-29-6 Supplier: Sigma
Tox21_ID No.: Tox21_201041 Lot No.: S110205KM-3
NTP_CID No.: 149 MW: 252.31 g/mol

Date of Analysis: 05 October 2007

Purity and Identity Results:

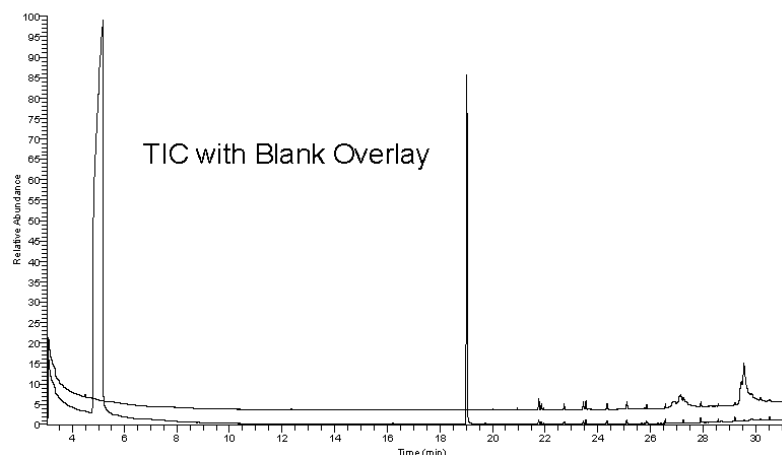
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.18	Not applicable
2,4,5-Triethoxyacetophenone	19.02	99.61

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / 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	50 – 350 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: 36



07/05/07 #1022 RT: 19.02 AU: 1 SB: 2 19.02, 19.28 NL: 3.2286
T: 50.0 s x 4.00 (4000000) File: ms1 (50.00-190.00)

