

Chemical Information:

Name: 2-Ethylhexyl-2-cyano-3,3-diphenylacrylate Date of Analysis: 21 September 2007
CAS No.: 6197-30-4 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200236 Lot No.: 07129EB
NTP_CID No.: 247 MW: 361.48 g/mol

Purity and Identity Results:

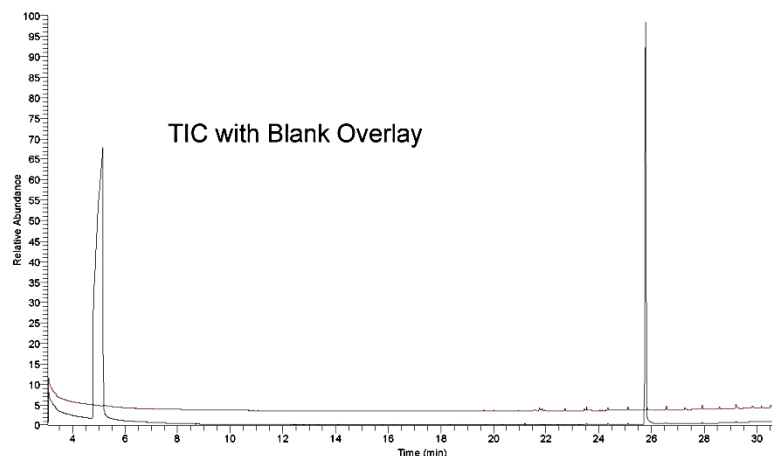
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.16	Not applicable
2-Ethylhexyl-2-cyano-3,3-diphenylacrylate	25.78	99.33

^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	35 – 450 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 2.2, build 6/10/2014

RT: 3.05 - 31.50 SM: 3G



07/21/06 #2733 RT: 25.78 AM: 1 SM: 2 25.67, 26.22 NL: 3.5266
T: 0.01 + c: 0.000000 Full ms [35.00-450.00]

