

# Chemical Information:

Name: (+)-2-Methylbutyl-4-methoxybenzylidene-4'-aminocinnamate Date of Analysis: 06 August 2010  
CAS No.: 24140-30-5 Supplier: Supelco  
Tox21\_ID No.: Tox21\_202606 Lot No.: LB37109  
NTP\_CID No.: 5254 MW: 351.44 g/mol

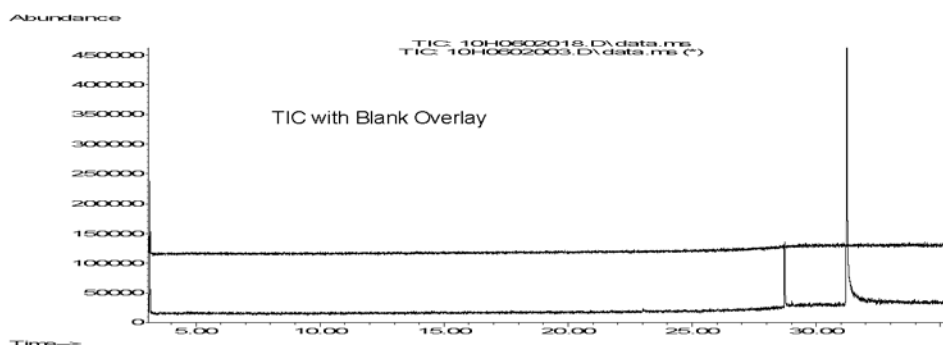
# Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
(+)-2-Methylbutyl-4-methoxybenzylidene-4'-aminocinnamate	31.24	100.00

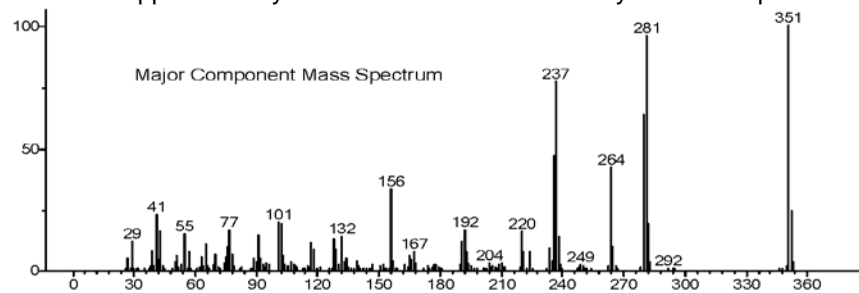
<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

# GC/MS Instrument Parameters:

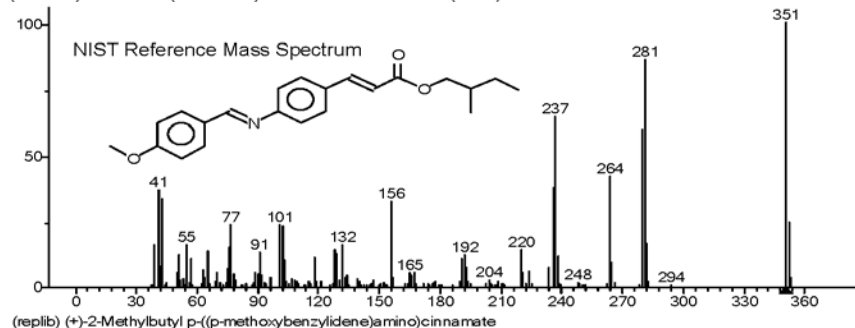
Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (100:1)
Data Analysis Software	MSD ChemStation v D.03.00.SP1, and NIST Library v 2.0f, build 10/08/2008



Peak observed at approximately 29 minutes was due to carry over from previous analysis.



(Text File) Scan 5160 (31.236 min): 10H0602018.D\data.ms (-5133)



(replib) (+)-2-Methylbutyl p-(p-methoxybenzylidene)amino)cinnamate