

Chemical Information:

Name: 2-Propenoic acid, 2-methyl-,
(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, rel-
CAS No.: 7534-94-3 Supplier: Acros Organics
Tox21_ID No.: Tox21_202201 Lot No.: A0289373
NTP_CID No.: 3135 MW: 222.33 g/mol

Date of Analysis: 04 October 2016

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Acetone	2.00	Not applicable
Unknown	12.09	1.64
Unknown	26.41	3.21
7534-94-3	27.56	92.63
Unknown	28.10	1.71

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone (~ 400 µg/mL)
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 475 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

x10⁷ + TIC Scan 20161004_MSD11_003.D

