

**Chemical Information:**

Name: 2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-, (2R)-

Date of Analysis: 15 April 2010

CAS No.: 59-02-9

Supplier: TCI America

Tox21\_ID No.: Tox21\_202081

Lot No.: POJZE

NTP\_CID No.: 2523

MW: 430.70 g/mol

**Purity and Identity Results:**

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
CAS# 59-02-9	30.24	100.00

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

**GC/MS Instrument Parameters:**

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (~ 1 mg/mL)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm 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 μL / Split (100:1)
Data Analysis Software	MSD ChemStation v E.02.00.SP2, and NIST Library v 2.0, build 7/23/2008

