

Chemical Information:

Name: Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate
 CAS No.: 88917-22-0 Supplier: Sigma-Aldrich
 Tox21_ID No.: Tox21_200212 Lot No.: 05111BJ
 NTP_CID No.: 3562 MW: 190.12 g/mol

Date of Analysis: 7 October 2009

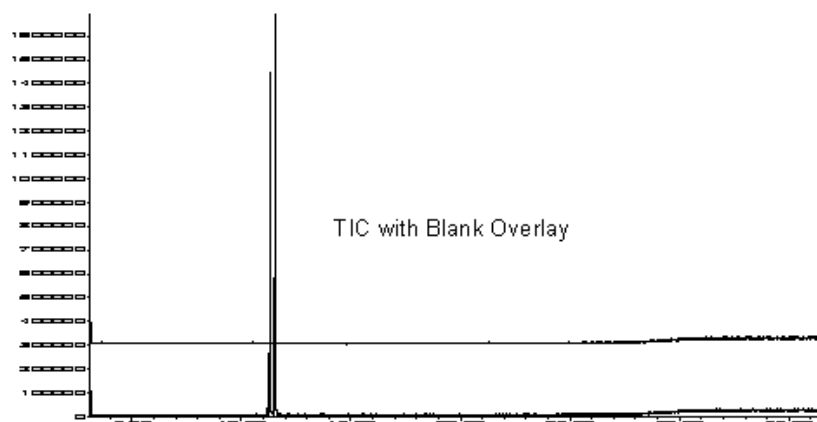
Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|---|----------------------|------------------------------------|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate | 11.30 | 57.43 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate | 11.53 | 42.57 |

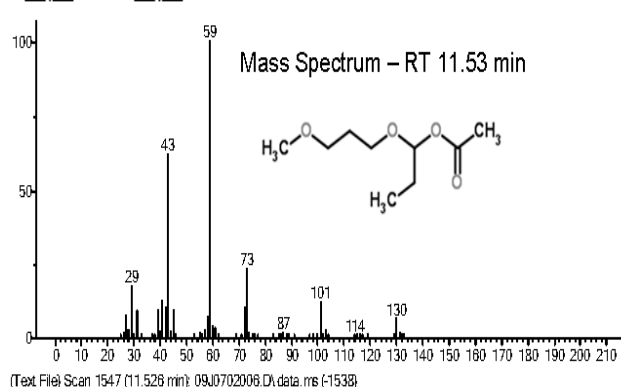
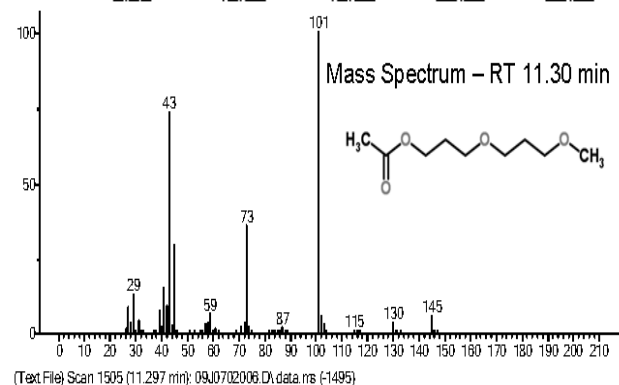
^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|---|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Methanol |
| 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 | 150°C |
| Scan Range | 25 – 500 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μL / Split (100:1) |
| Data Analysis Software | MSD Chemstation, v D.03.00.SP1 and NIST Library v 2.0f, build 10/8/2008 |



| m/z | Fragment |
|-----|--|
| 29 | C ₂ H ₅ |
| 43 | C ₂ H ₃ O |
| 59 | C ₂ H ₃ O ₂ |
| 73 | C ₄ H ₉ O |
| 101 | C ₅ H ₉ O ₂ |



No reference spectrum was available. Proposed structures are based on fragmentation patterns and relative abundance of ions.