arachidonic acid-d11
5Z,8Z,11Z,14Z-eicosatetraenoic-16,16,17,18,19,19,20,20,20-d11 acid
860818E-1mg

Molecular Weight: 315.535
Chemical Formula: C_{20}H_{21}D_{11}O_{2}
Physical State: Ethanol
Storage: -20°C
Expiry Date: Three months from date of receipt
M Lot Number: 6152EGB010
Avanti Lot Number: 861810E-1MG-B-010

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical examination</td>
<td>Ethanol: Clear solution with no foreign matter.</td>
<td>Pass</td>
</tr>
<tr>
<td>TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)</td>
<td>&gt;99% Purity</td>
<td>All Pass</td>
</tr>
<tr>
<td></td>
<td>Ninhydrin: negative</td>
<td></td>
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<tr>
<td></td>
<td>Iodine: one major spot</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phosphorus: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Charring: positive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water dip: one major spot</td>
<td></td>
</tr>
<tr>
<td>Proton NMR</td>
<td>NMR spectrum consistent with structure</td>
<td>Consistent with structure</td>
</tr>
</tbody>
</table>

Approved By: