**LOT SPECIFIC INFORMATION**

<table>
<thead>
<tr>
<th>Lot Number:</th>
<th>631082</th>
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</thead>
<tbody>
<tr>
<td>Specific Activity:</td>
<td>108.8 mCi/mmol</td>
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<tr>
<td>M.W.:</td>
<td>885.5</td>
</tr>
<tr>
<td>C:</td>
<td>57</td>
</tr>
<tr>
<td>H:</td>
<td>104</td>
</tr>
<tr>
<td>O:</td>
<td>6</td>
</tr>
<tr>
<td>Production Date:</td>
<td>29-Jul-2011</td>
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</tbody>
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**PACKAGING:** 0.1 mCi/ml (3.7 MBq/ml) in toluene : ethanol (1:1) in a silanized vial, under nitrogen. Shipped in dry ice.

**STABILITY AND STORAGE RECOMMENDATIONS:**

When triolein, [carboxyl-\(^{14}\)C] is stored at -20°C in its original solvent system and at its original concentration, the rate of decomposition is initially less than 1% for 6 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

**SPECIFIC ACTIVITY RANGE:** 80-120 mCi/mmol (2960-4440 MBq/mmol)

**RADIOCHEMICAL PURITY:** This product was initially found to be greater than 97% when determined by the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

- Thin layer chromatography on silica gel G using the following solvent system:

- Reverse phase thin layer chromatography on KC18 using the following solvent system:
  - tetrahydrofuran : acetonitrile, (3:2).

  The cis isomer is greater than 95% as determined by thin layer chromatography on silver nitrate impregnated silica gel using the following solvent system:

  - toluene : diethyl ether, (98:2).

**QUALITY CONTROL:** The radiochemical purity of triolein, [carboxyl-\(^{14}\)C] is checked at appropriate intervals using the first listed chromatography method.
**SPECIAL INFORMATION:** This compound is sensitive to air. Store in an inert atmosphere. To avoid its rapid decomposition, the product should be repackaged in its original solvent in a silanized vial under nitrogen once the vial is opened.

**HAZARD INFORMATION:** **WARNING:** This product contains a chemical known to the state of California to cause cancer.