Tocofersolan

Cat. No.: HY-B0717
CAS No.: 9002-96-4
Molecular Formula: C₃₅H₅₈O₆
Molecular Weight: 574.83
Target: Others
Pathway: Others
Storage: Pure form -20°C 3 years
         4°C    2 years
         In solvent -80°C 6 months
                   -20°C 1 month

Solvent & Solubility

In Vitro: DMSO : ≥ 125 mg/mL (217.46 mM)
         * “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Solvent Mass</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparing</td>
<td></td>
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<tr>
<td>Concentration</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1 mM</td>
<td>1.7396 mL</td>
<td>8.6982 mL</td>
<td>17.3964 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.3479 mL</td>
<td>1.7396 mL</td>
<td>3.4793 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.1740 mL</td>
<td>0.8698 mL</td>
<td>1.7396 mL</td>
</tr>
</tbody>
</table>

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description: Tocofersolan is a synthetic version of vitamin E. Tocofersolan is polyethylene glycol derivative of α-tocopherol. Tocofersolan is used as a vitamin E supplement or to treat vitamin E deficiency in individuals who cannot absorb fats due to disease. Tocofersolan is also used in cosmetics and pharmaceuticals as an antioxidant.

REFERENCES
