**Chemical Properties**

CAS No.: 128-13-2  
Formula: C24H40O4  
Molecular Weight: 392.57  
Appearance: Solid  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description: Ursodeoxycholic acid can be used to dissolve gallstones and reduce cholesterol absorption.  
Targets (IC50): Bile salt export pump: None

**Solubility Information**

| Solubility | DMSO: 73 mg/mL (186 mM)  
Ethanol: 73 mg/mL (186 mM)  
Water: <1 mg/mL |
| (< 1 mg/mL refers to the product slightly soluble or insoluble) |

**Preparing Stock Solutions**

<table>
<thead>
<tr>
<th>Concentration</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.547 mL</td>
<td>12.737 mL</td>
<td>25.473 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.509 mL</td>
<td>2.547 mL</td>
<td>5.095 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.255 mL</td>
<td>1.274 mL</td>
<td>2.547 mL</td>
</tr>
<tr>
<td>50 mM</td>
<td>0.051 mL</td>
<td>0.255 mL</td>
<td>0.509 mL</td>
</tr>
</tbody>
</table>

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

**Reference**
