**Cynaroside**

Cat. No.: HY-N0540  
CAS No.: 5373-11-5  
Molecular Formula: C₂₁H₂₀O₁₁  
Molecular Weight: 448.38  
Target: Others  
Pathway: Others  
Storage: Powder  
-20°C  3 years  
4°C  2 years  
In solvent  
-80°C  6 months  
-20°C  1 month  

**Solvent & Solubility**

**In Vitro**  
DMSO: ≥ 35 mg/mL (78.06 mM)  
*“≥” means soluble, but saturation unknown.*

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 1 mg</th>
<th>Mass 5 mg</th>
<th>Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.2303 mL</td>
<td>11.1513 mL</td>
<td>22.3025 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4461 mL</td>
<td>2.2303 mL</td>
<td>4.4605 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2230 mL</td>
<td>1.1151 mL</td>
<td>2.2303 mL</td>
<td></td>
</tr>
</tbody>
</table>

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

**BIOLOGICAL ACTIVITY**

**Description**  
Cynaroside is a flavone, a flavonoid-like chemical compound. It is a 7-O-glucoside of luteolin.

**CUSTOMER VALIDATION**


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Caution: Product has not been fully validated for medical applications. For research use only.

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