2,3,4'-Tetrahydroxystilbene 2-O-β-D-glucoside

**Cat. No.:** HY-N0652  
**CAS No.:** 82373-94-2  
**Molecular Formula:** C₂₀H₂₂O₉  
**Molecular Weight:** 406.38  
**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 (86.13 mM)  
H₂O: 10 mg/mL (24.61 mM; Need ultrasonic)  
*“≥” means soluble, but saturation unknown.*

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Mass 1 mg</th>
<th>Solvent Mass 5 mg</th>
<th>Solvent Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.4608 mL</td>
<td>12.3038 mL</td>
<td>24.6075 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4922 mL</td>
<td>2.4608 mL</td>
<td>4.9215 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2461 mL</td>
<td>1.2304 mL</td>
<td>2.4608 mL</td>
</tr>
</tbody>
</table>

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

**BIOLOGICAL ACTIVITY**

**Description**  
2,3,4',5-tetrahydroxystilbene 2-O-D-glucoside isolats from the roots of Polygonum species, inhibits the formation of 5-HETE, HHT and thromboxane B2, although less strongly. [1]

**REFERENCES**
