Scutellarein

Cat. No.: HY-N0752
CAS No.: 529-53-3
Molecular Formula: C₁₅H₁₀O₆
Molecular Weight: 286.24
Target: Src; Autophagy; SARS-CoV
Pathway: Protein Tyrosine Kinase/RTK; Autophagy; Anti-infection
Storage: 4°C, protect from light
* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

SOLVENT & SOLUBILITY

In Vitro

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>≥ 30 mg/mL</td>
<td>17.4669 mL</td>
<td>34.9336 mL</td>
<td>10 mg</td>
</tr>
</tbody>
</table>

* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Concentration</th>
<th>1 mM</th>
<th>5 mM</th>
<th>10 mM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.4936 mL</td>
<td>17.4679 mL</td>
<td>34.9357 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6987 mL</td>
<td>3.4936 mL</td>
<td>6.9871 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3494 mL</td>
<td>1.7468 mL</td>
<td>3.4936 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Scutellarin, a main active ingredient extracted from Erigeron brevicaulis (Vant.) Hand-Mazz., has been widely used to treat acute cerebral infarction and paralysis induced by cerebrovascular diseases.

REFERENCES

