Rutin

Cat. No.: HY-N0148
CAS No.: 153-18-4
Molecular Formula: C_{27}H_{30}O_{16}
Molecular Weight: 610.52
Target: Autophagy; Reactive Oxygen Species
Pathway: Autophagy; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage: Powder
-20°C 3 years
4°C 2 years
In solvent
-80°C 6 months
-20°C 1 month

SOLVENT & SOLUBILITY

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>1 mM</td>
<td>1.6379 mL</td>
<td>8.1897 mL</td>
<td>16.3795 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.3276 mL</td>
<td>1.6379 mL</td>
<td>3.2759 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.1638 mL</td>
<td>0.8190 mL</td>
<td>1.6379 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Rutin, a naturally occurring flavonoid glycoside, has antioxidant, anti-inflammatory, anti-allergic, anti-angiogenic and antiviral properties.

REFERENCES


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

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