17-Hydroxyprogesterone

Cat. No.: B6126
CAS No.: 68-96-2
Formula: C21H30O3
M.Wt: 330.46

Synonyms:

Target: Endocrinology and Hormones
Pathway: Estrogen/progestogen Receptor
Storage: Store at -20°C

Solvent & Solubility

insoluble in H2O; ≥16 mg/mL in EtOH with gentle warming; ≥31.6 mg/mL in DMSO

<table>
<thead>
<tr>
<th>Mass</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.0261 mL</td>
<td>15.1304 mL</td>
<td>30.2608 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6052 mL</td>
<td>3.0261 mL</td>
<td>6.0522 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3026 mL</td>
<td>1.5130 mL</td>
<td>3.0261 mL</td>
</tr>
</tbody>
</table>

Preparing Stock Solutions

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

Biological Activity

Shortsummary: endogenous progestogen as well as chemical intermediate in the biosynthesis of other steroid hormones

IC₅₀ & Target

Cell Viability Assay

In Vitro

Preparation method:

Animal experiment

Applications:

Product Citations
FOR RESEARCH PURPOSES ONLY.
NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

References

Caution