**Doxercalciferol**

**Cat. No.:** B2091  
**CAS No.:** 54573-75-0  
**Formula:** C28H44O2  
**M.Wt:** 412.66  
**Synonyms:**  
**Target:** Vitamin D Related  
**Pathway:** VD/VDR  
**Storage:** Store at -20°C

### Solvent & Solubility

- **Insoluble in H2O; ≥11.5 mg/mL in DMSO; ≥51.7 mg/mL in EtOH**

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 1mg</th>
<th>Mass 5mg</th>
<th>Mass 10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>2.4233 mL</td>
<td>12.1165 mL</td>
<td>24.2330 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.4847 mL</td>
<td>2.4233 mL</td>
<td>4.8466 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2423 mL</td>
<td>1.2117 mL</td>
<td>2.4233 mL</td>
</tr>
</tbody>
</table>

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

### Biological Activity

**Shortsummary:** Vitamin D receptor activator

**Cell Viability Assay**

**Preparation method:**

**Animal experiment**

**Applications:**

### Product Citations
NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

FOR RESEARCH PURPOSES ONLY.

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
