**Griseofulvin**

**Cat. No.:** HY-17583  
**CAS No.:** 126-07-8  
**Molecular Formula:** $C_{17}H_{17}ClO_6$  
**Molecular Weight:** 352.77  
**Target:** Fungal  
**Pathway:** Anti-infection  
**Storage:**  
- Powder : -20°C 3 years  
- 4°C 2 years  
- In solvent : -80°C 6 months  
- -20°C 1 month

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**SOLVENT & SOLUBILITY**

**In Vitro**  
DMSO : $\geq$ 3.6 mg/mL (10.20 mM)  
*"$\geq$" means soluble, but saturation unknown.*

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 1 mg</th>
<th>Mass 5 mg</th>
<th>Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>2.8347 mL</td>
<td>14.1735 mL</td>
<td>28.3471 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.5669 mL</td>
<td>2.8347 mL</td>
<td>5.6694 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2835 mL</td>
<td>1.4174 mL</td>
<td>2.8347 mL</td>
</tr>
</tbody>
</table>

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

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**BIOLOGICAL ACTIVITY**

**Description**  
Griseofulvin (Gris-PEG, Grifulvin) is a spirocyclic fungal natural product used in treatment of fungal dermatophytes; Antifungal drug.

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**REFERENCES**

